

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
 Data File : BF113376.D
 Acq On : 28 Mar 2019 16:12
 Operator : JU/SJ
 Sample : PB118325BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB118325BS

Manual Integrations
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Sohil
 3/29/2019 4:47:19 PM

Quant Time: Mar 28 18:21:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	195417	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	735751	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	371589	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	781498	20.00	ng	0.00
76) Chrysene-d12	13.85	240	617057	20.00	ng	0.00
87) Perylene-d12	15.24	264	519862	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	1393336	116.59	ng	0.01
7) Phenol-d6	6.36	99	1764709	116.72	ng	0.00
23) Nitrobenzene-d5	7.27	82	1126830	90.90	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	576548	125.61	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	2047774	86.73	ng	0.00
79) Terphenyl-d14	12.80	244	2383819	85.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	172243	28.406	ng	99
3) Pyridine	3.13	79	485027	32.447	ng	98
4) n-Nitrosodimethylamine	3.05	42	235548	35.445	ng	91
6) Aniline	6.37	93	445586	24.201	ng	92
8) 2-Chlorophenol	6.50	128	517940	37.320	ng	96
9) Benzaldehyde	6.25	77	249138	24.557	ng	98
10) Phenol	6.37	94	617706	35.787	ng	80
11) bis(2-Chloroethyl)ether	6.45	93	516158	39.012	ng	100
12) 1,3-Dichlorobenzene	6.65	146	553335	36.988	ng	99
13) 1,4-Dichlorobenzene	6.72	146	565406	39.144	ng	99
14) 1,2-Dichlorobenzene	6.87	146	509090	35.825	ng	99
15) Benzyl Alcohol	6.86	79	419953	42.104	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.99	45	764878	38.482	ng	88
17) 2-Methylphenol	6.97	107	425028	39.078	ng	99
18) Hexachloroethane	7.22	117	205730	39.655	ng	99
19) n-Nitroso-di-n-propylamine	7.13	70	350059	36.861	ng	99
20) 3+4-Methylphenols	7.13	107	532429	42.143	ng	96
22) Acetophenone	7.12	105	711846	42.425	ng	97
24) Nitrobenzene	7.29	77	546793	42.271	ng	99
25) Isophorone	7.53	82	1023252	42.595	ng	100
26) 2-Nitrophenol	7.60	139	295341	43.195	ng	98
27) 2,4-Dimethylphenol	7.66	122	474714	48.266	ng	96
28) bis(2-Chloroethoxy)methane	7.74	93	657695	43.475	ng	100
29) 2,4-Dichlorophenol	7.86	162	468815	43.985	ng	97
30) 1,2,4-Trichlorobenzene	7.93	180	490214	42.630	ng	98
31) Naphthalene	8.01	128	1487624	41.375	ng	100
32) Benzoic acid	7.76	122	46432	5.865	ng	96
33) 4-Chloroaniline	8.06	127	271682	19.378	ng	99
34) Hexachlorobutadiene	8.13	225	285721	41.805	ng	98
35) Caprolactam	8.45	113	157153m	45.941	ng	
36) 4-Chloro-3-methylphenol	8.56	107	485089	45.249	ng	100
37) 2-Methylnaphthalene	8.70	142	1024730	45.677	ng	99
38) 1-Methylnaphthalene	8.80	142	960766	44.524	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	474736	39.800	ng	99

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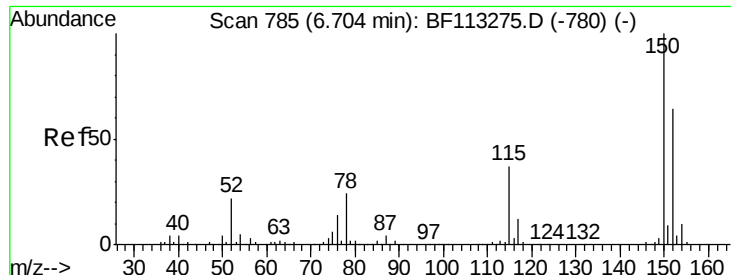
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	450996	89.327	nq	100
43) 2,4,6-Trichlorophenol	8.99	196	339679	43.731	nq	98
44) 2,4,5-Trichlorophenol	9.03	196	372829	43.372	nq	96
46) 1,1'-Biphenyl	9.16	154	1240254	39.963	nq	99
47) 2-Chloronaphthalene	9.19	162	967942	40.508	nq	100
48) 2-Nitroaniline	9.29	65	316738	42.239	nq	98
49) Acenaphthylene	9.60	152	1548135	40.069	nq	99
50) Dimethylphthalate	9.47	163	1203245	43.694	nq	99
51) 2,6-Dinitrotoluene	9.53	165	269243	43.339	nq	97
52) Acenaphthene	9.77	154	885097	40.679	nq	99
53) 3-Nitroaniline	9.70	138	205561	29.341	nq	99
54) 2,4-Dinitrophenol	9.81	184	118493	38.349	nq	95
55) Dibenzofuran	9.95	168	1327638	40.588	nq	100
56) 4-Nitrophenol	9.89	139	381904	76.461	nq	90
57) 2,4-Dinitrotoluene	9.94	165	334573	42.349	nq	96
58) Fluorene	10.29	166	1031963	40.611	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	313497	43.126	nq	98
60) Diethylphthalate	10.17	149	1190133	44.056	nq	98
61) 4-Chlorophenyl-phenylether	10.27	204	522699	42.205	nq	97
62) 4-Nitroaniline	10.32	138	320088	44.375	nq	98
63) Azobenzene	10.44	77	1087668	42.772	nq	99
65) 4,6-Dinitro-2-methylphenol	10.35	198	126021	29.478	nq	96
66) n-Nitrosodiphenylamine	10.40	169	985882	41.112	nq	99
67) 4-Bromophenyl-phenylether	10.76	248	355096	41.689	nq	99
68) Hexachlorobenzene	10.84	284	409829	41.452	nq	99
69) Atrazine	10.93	200	308899	40.810	nq	99
70) Pentachlorophenol	11.03	266	338254	65.667	nq	98
71) Phenanthrene	11.25	178	1570790	40.475	nq	100
72) Anthracene	11.29	178	1653835	41.954	nq	99
73) Carbazole	11.45	167	1577443	41.936	nq	100
74) Di-n-butylphthalate	11.78	149	1907624	43.733	nq	99
75) Fluoranthene	12.43	202	1786929	40.729	nq	99
77) Benzidine	12.55	184	539276	22.822	nq	# 94
78) Pyrene	12.65	202	1827945	42.749	nq	99
80) Butylbenzylphthalate	13.27	149	864575	45.879	nq	100
81) Benzo(a)anthracene	13.84	228	1492941	42.267	nq	100
82) 3,3'-Dichlorobenzidine	13.80	252	312814	22.076	nq	99
83) Chrysene	13.87	228	1501135	41.841	nq	98
84) Bis(2-ethylhexyl)phthalate	13.83	149	1063936	46.054	nq	99
85) Di-n-octyl phthalate	14.44	149	1897791	48.396	nq	100
86) Indeno(1,2,3-cd)pyrene	16.61	276	1397971	45.403	nq	99
88) Benzo(b)fluoranthene	14.86	252	1482069	45.893	nq	99
89) Benzo(k)fluoranthene	14.89	252	1282907	45.237	nq	99
90) Benzo(a)pyrene	15.19	252	1294337	45.210	nq	98
91) Dibenzo(a,h)anthracene	16.62	278	1163828	47.014	nq	98
92) Benzo(g,h,i)perylene	17.02	276	1215896	48.714	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

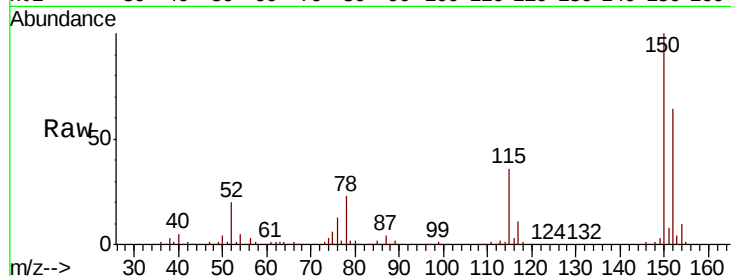
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF113376.D
Acq: 28 Mar 2019 16:12

Instrument :
BNA_F
ClientSampleId :
PB118325BS

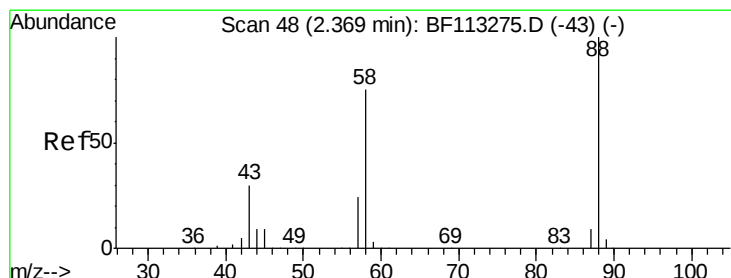
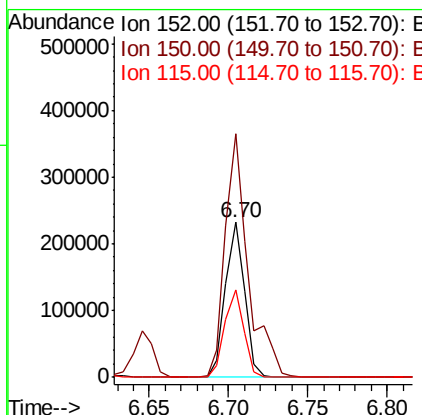
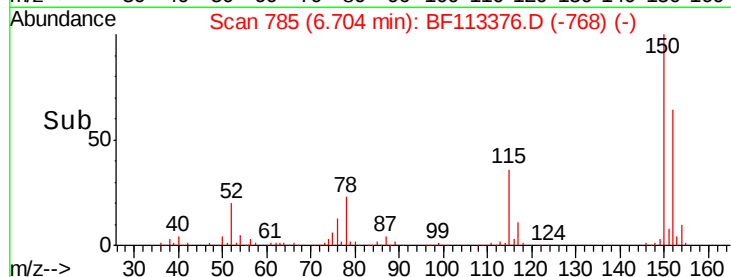
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.7	187.1
115	56.4	46.0	69.0

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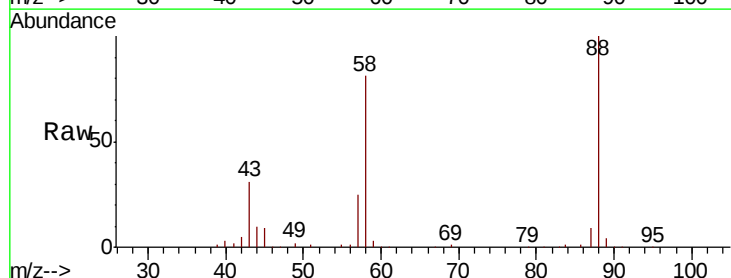
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



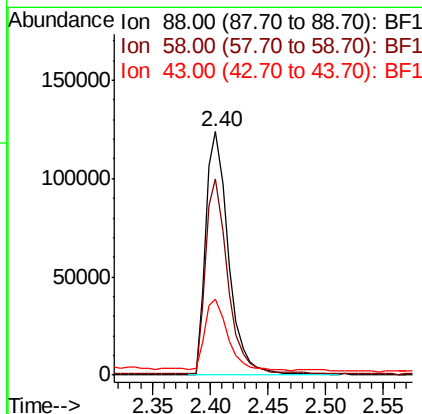
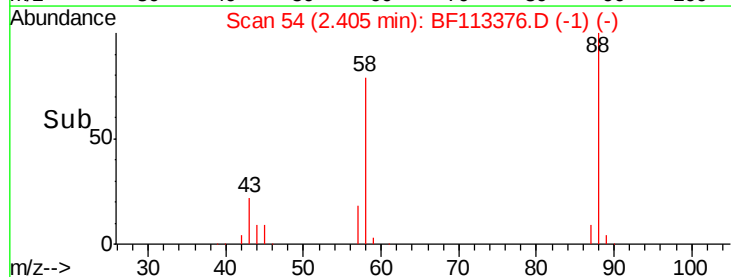
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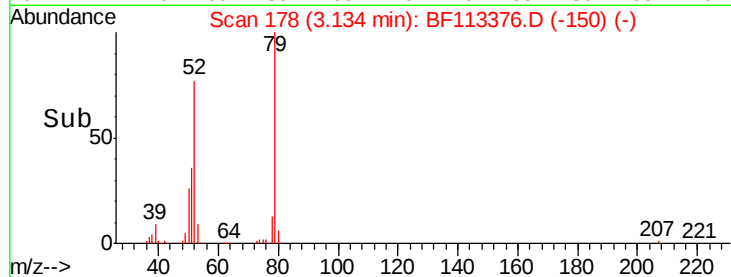
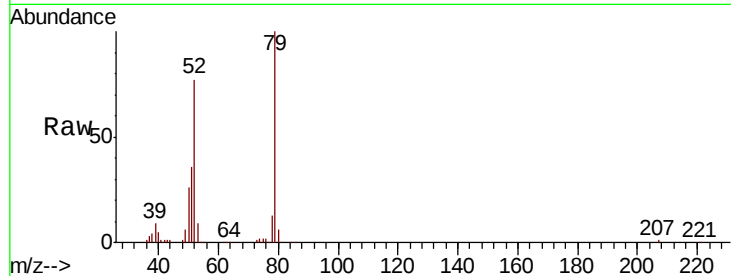
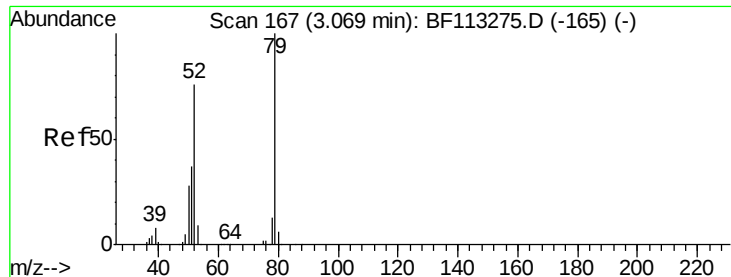
1,4-Dioxane
Concen: 28.406 ng
RT: 2.40 min Scan# 54
Delta R.T. 0.04 min
Lab File: BF113376.D
Acq: 28 Mar 2019 16:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.8	61.9	92.9
43	29.5	24.2	36.4



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





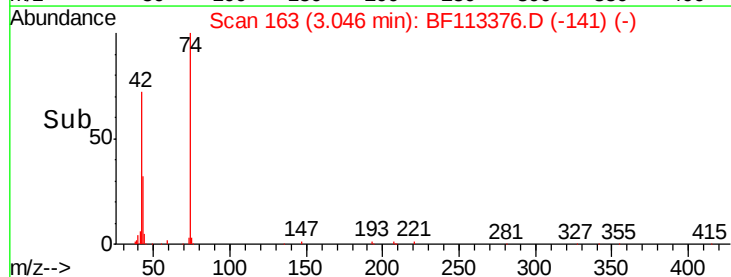
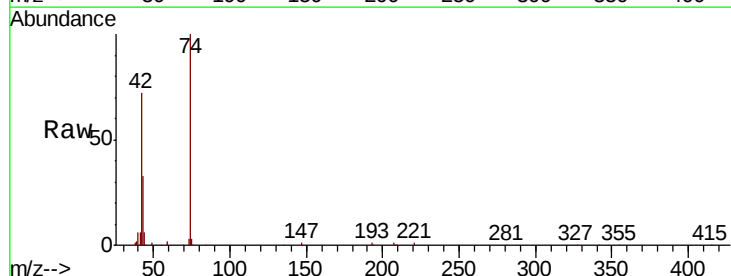
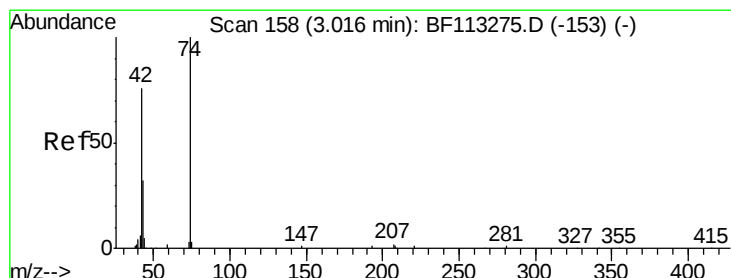
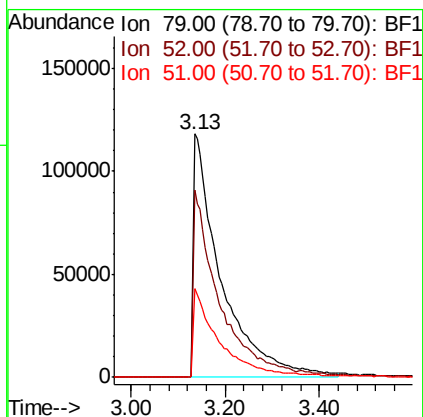
#3
Pvridine
Concen: 32.447 ng
RT: 3.13 min Scan# 178
Delta R.T. 0.06 min
Lab File: BF113376.D
Acq: 28 Mar 2019 16:12

Tot Ion	Ratio	Lower	Upper
79	100		
52	76.9	61.0	91.4
51	36.2	30.6	45.8

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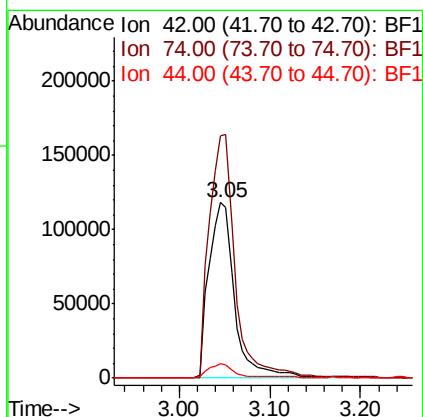
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#4
n-Nitrosodimethylamine
Concen: 35.445 ng
RT: 3.05 min Scan# 163
Delta R.T. 0.03 min
Lab File: BF113376.D
Acq: 28 Mar 2019 16:12

Tgt Ion	Ratio	Lower	Upper
42	100		
74	138.3	102.4	153.6
44	8.0	5.5	8.3





#5

2-Fluorophenol

Concen: 116.585 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF113376.D

Acq: 28 Mar 2019 16:12

Instrument :

BNA_F

ClientSampleId :

PB118325BS

Tot Ion:112 Resp: 1393336

Ion Ratio Lower Upper

112 100

64 61.4 49.2 73.8

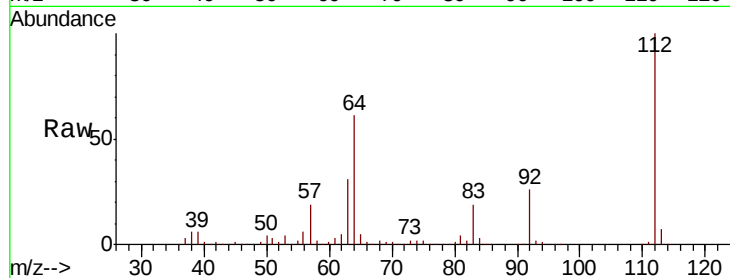
63 31.2 24.9 37.3

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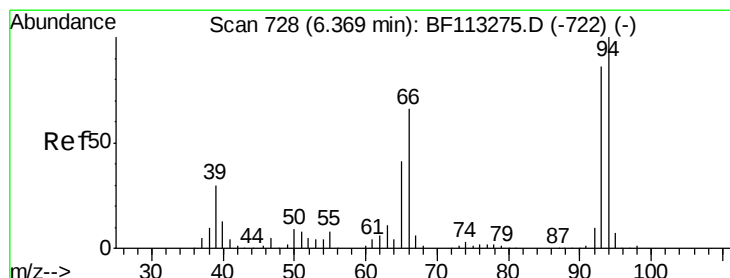
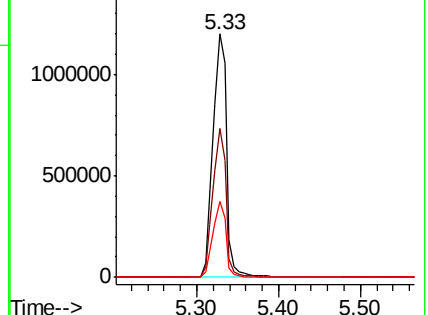
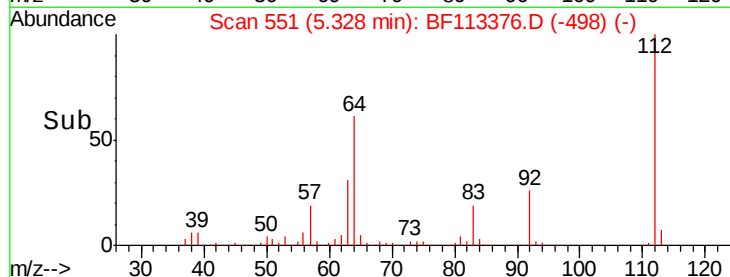
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.201 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF113376.D

Acq: 28 Mar 2019 16:12

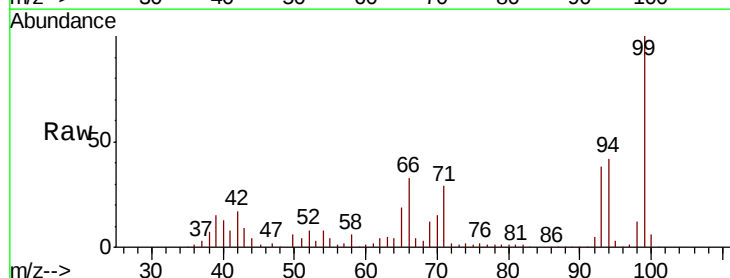
Tgt Ion: 93 Resp: 445586

Ion Ratio Lower Upper

93 100

66 87.1 62.1 93.1

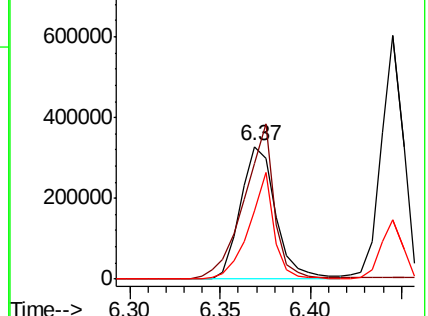
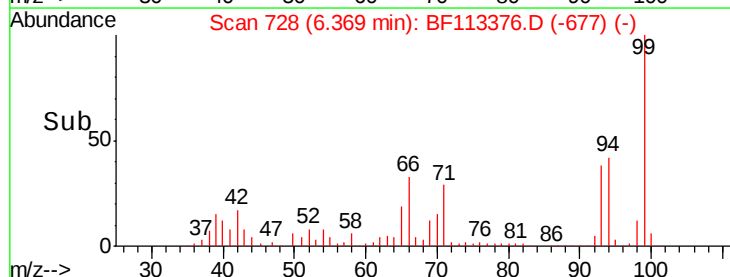
65 51.3 38.7 58.1



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 116.722 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF113376.D

Acq: 28 Mar 2019 16:12

Instrument :

BNA_F

ClientSampleId :

PB118325BS

Tot Ion: 99 Resp: 1764709

Ion Ratio Lower Upper

99 100

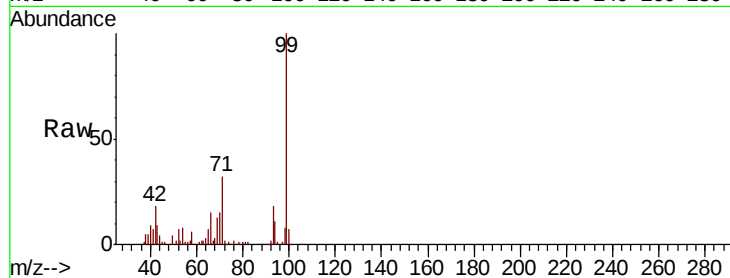
42 18.4 14.8 22.2

71 32.1 24.9 37.3

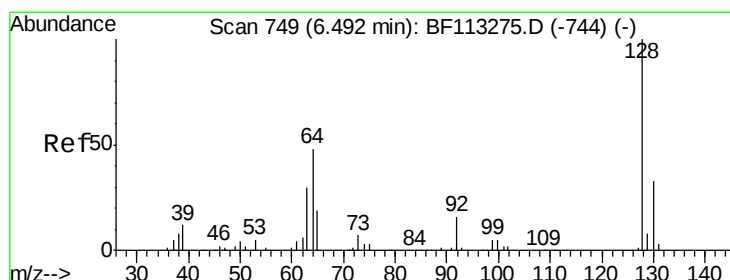
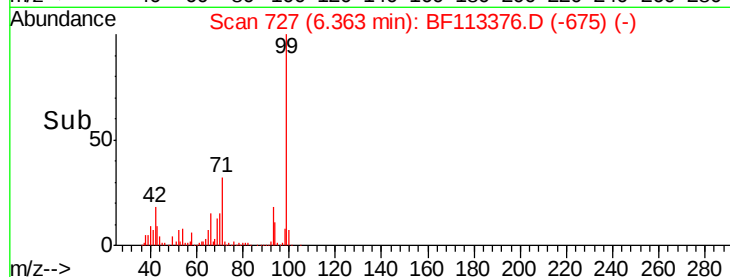
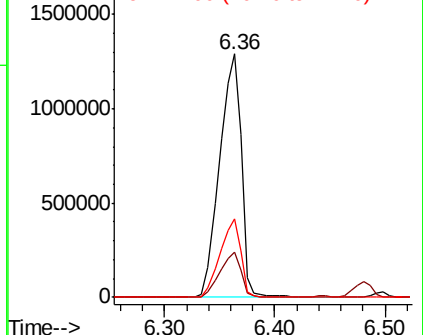
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.320 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF113376.D

Acq: 28 Mar 2019 16:12

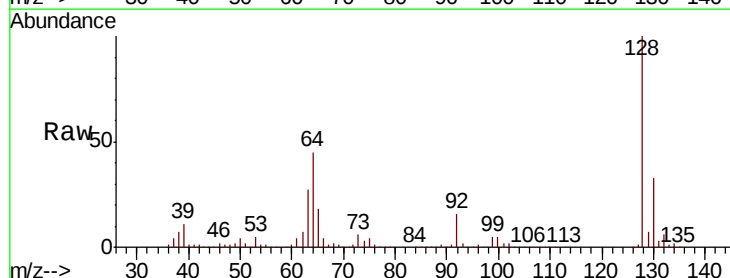
Tgt Ion: 128 Resp: 517940

Ion Ratio Lower Upper

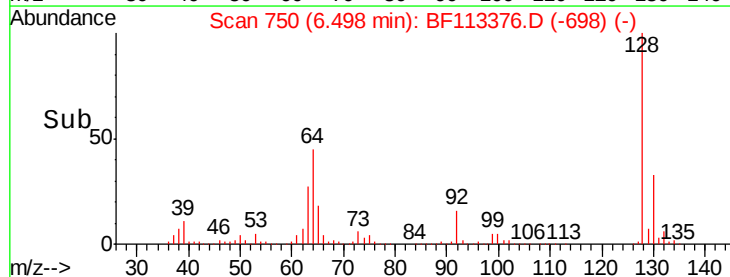
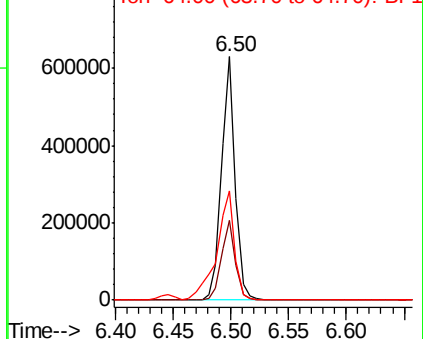
128 100

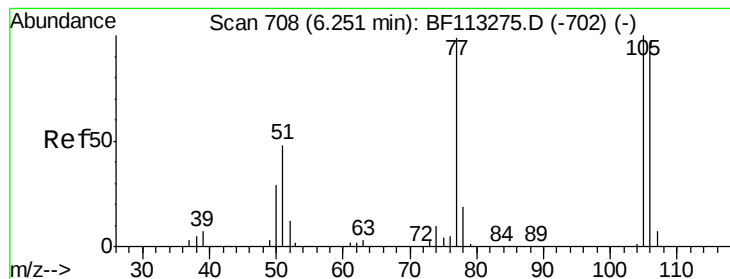
130 33.0 12.6 52.6

64 45.1 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 24.557 ng

RT: 6.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF113376.D

Acq: 28 Mar 2019 16:12

Instrument :

BNA_F

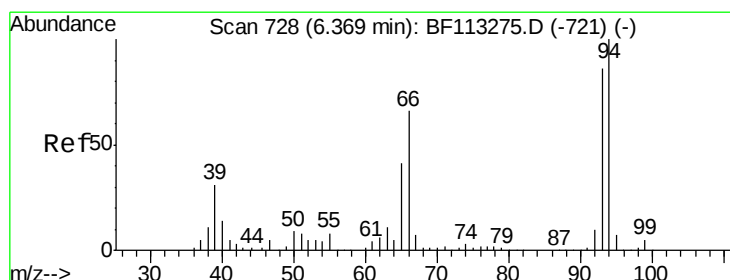
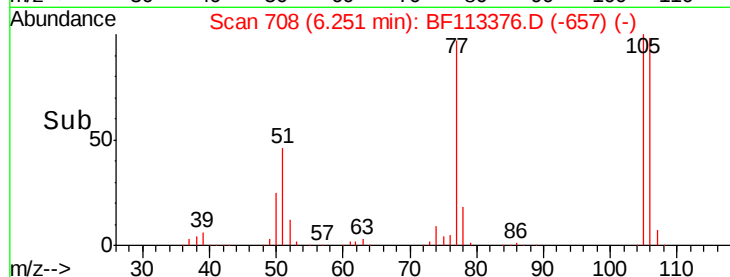
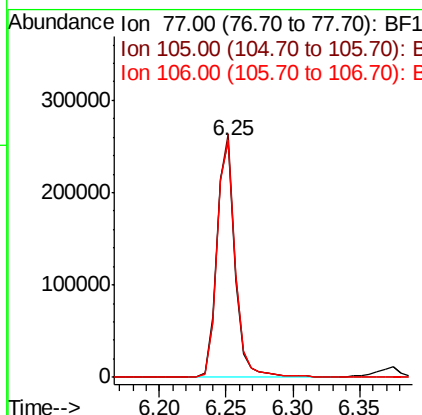
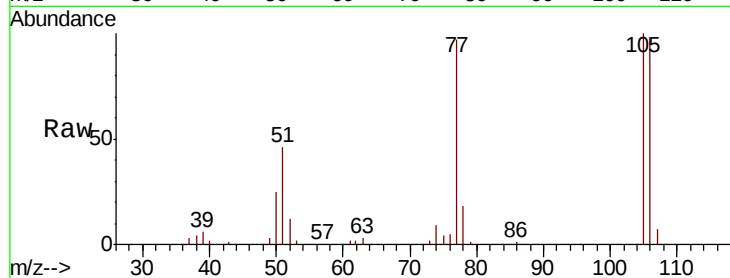
ClientSampleId :

PB118325BS

Tot Ion:	77	Resp:	249138
Ion	Ratio	Lower	Upper
77	100		
105	102.9	80.9	120.9
106	100.4	77.8	117.8

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#10

Phenol

Concen: 35.787 ng

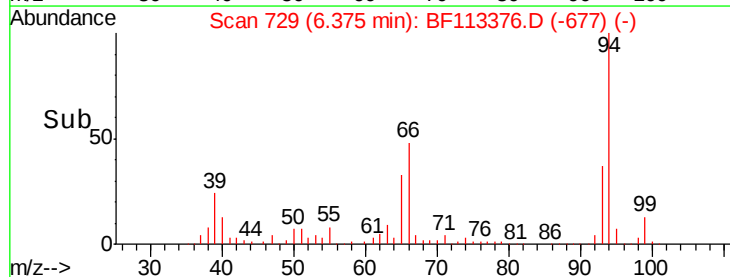
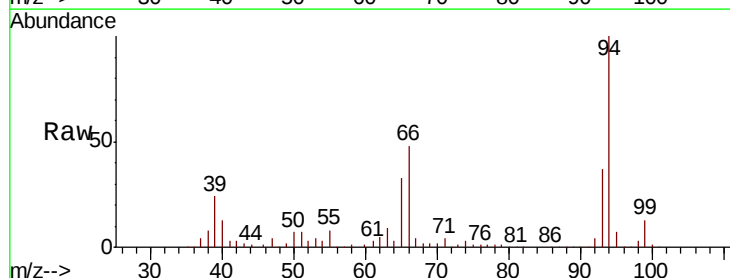
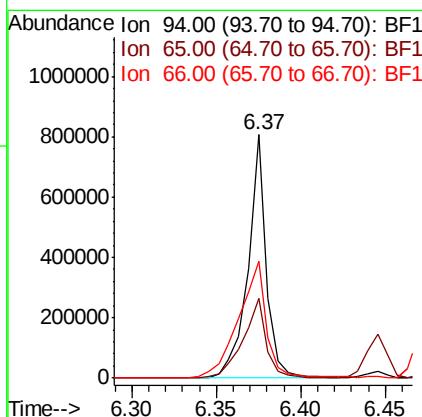
RT: 6.37 min Scan# 729

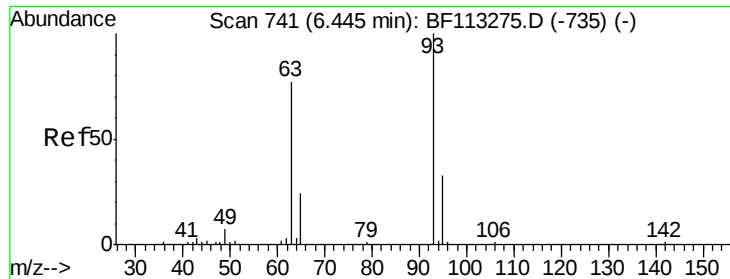
Delta R.T. 0.01 min

Lab File: BF113376.D

Acq: 28 Mar 2019 16:12

Tgt Ion:	94	Resp:	617706
Ion	Ratio	Lower	Upper
94	100		
65	32.8	21.4	61.4
66	47.8	46.4	86.4





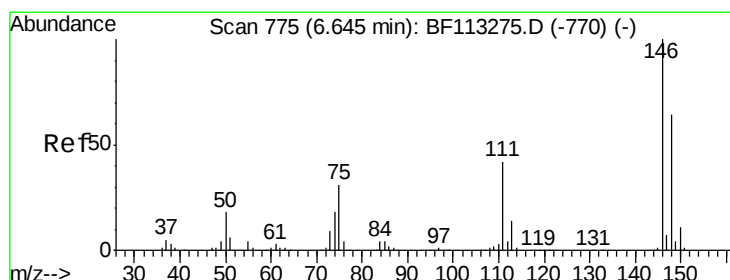
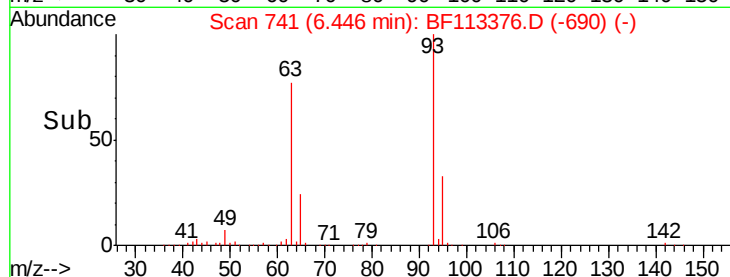
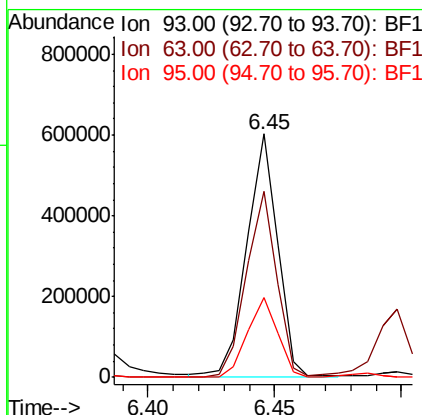
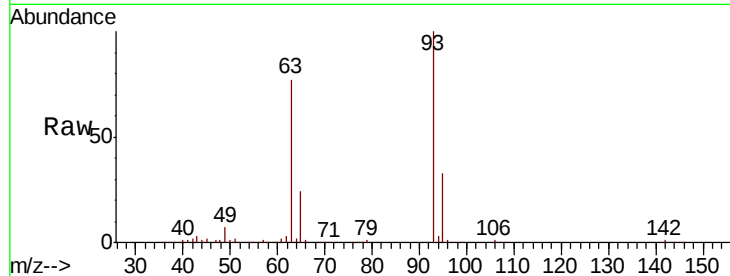
#11
bis(2-Chloroethyl)ether
Concen: 39.012 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF113376.D
Acq: 28 Mar 2019 16:12

Instrument :
BNA_F
ClientSampleId :
PB118325BS

Tot Ion	93	Resp	516158
Ion Ratio	Lower	Upper	
93	100		
63	76.5	56.1	96.1
95	32.8	12.8	52.8

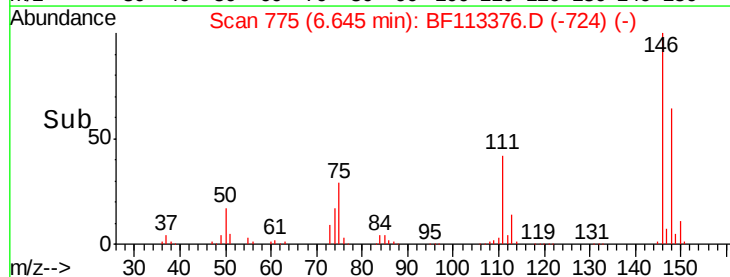
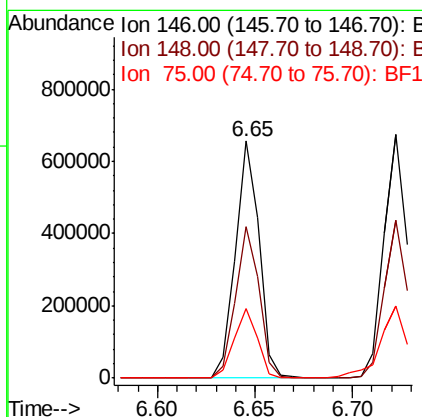
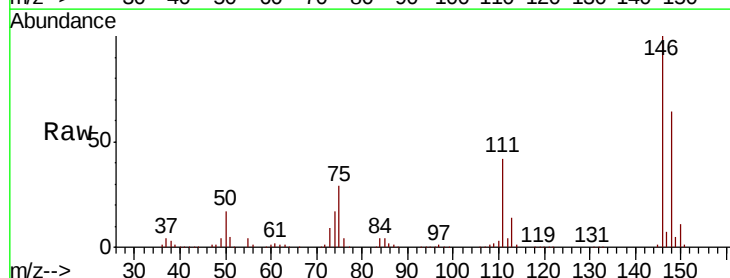
Manual Integrations
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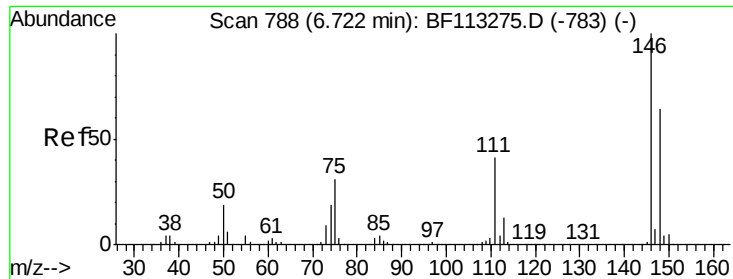
Sohil
3/29/2019 4:47:19 PM



#12
1,3-Dichlorobenzene
Concen: 36.988 ng
RT: 6.65 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF113376.D
Acq: 28 Mar 2019 16:12

Tgt Ion	146	Resp	553335
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.4	77.0
75	29.4	24.8	37.2





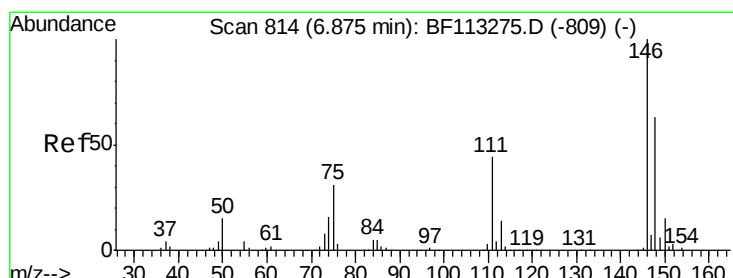
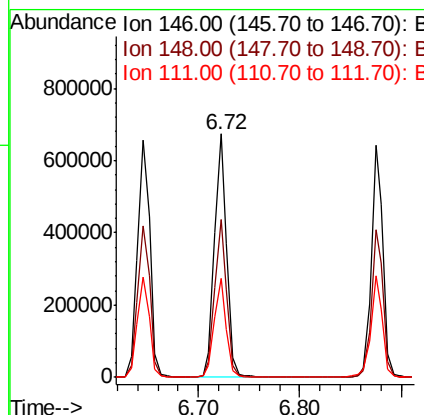
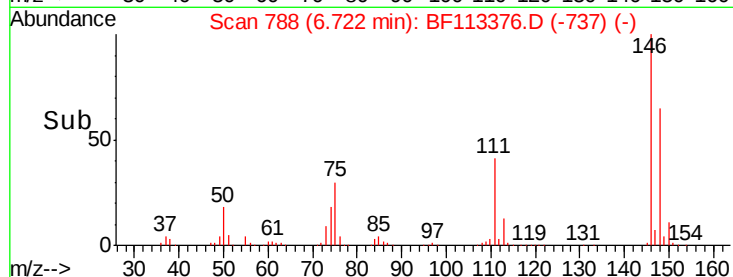
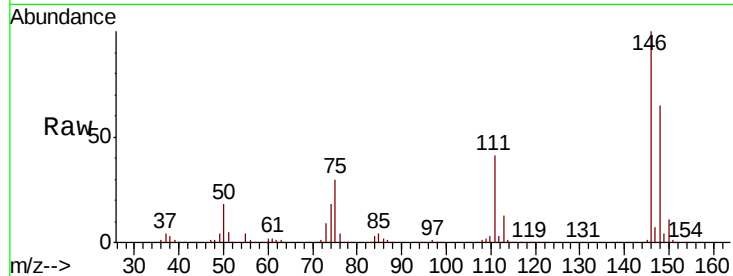
#13
 1,4-Dichlorobenzene
 Concen: 39.144 ng
 RT: 6.72 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF113376.D
 Acq: 28 Mar 2019 16:12

Instrument :
 BNA_F
 ClientSampleId :
 PB118325BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.1	76.7
111	40.8	32.8	49.2

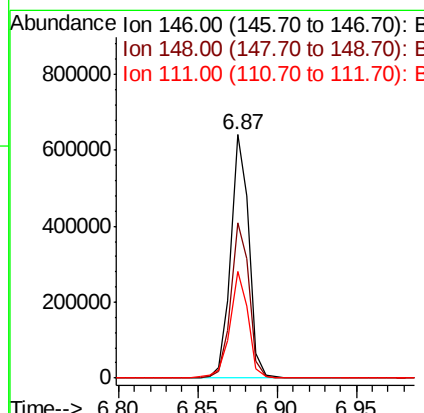
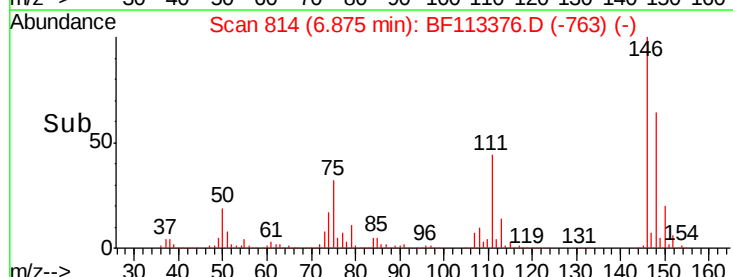
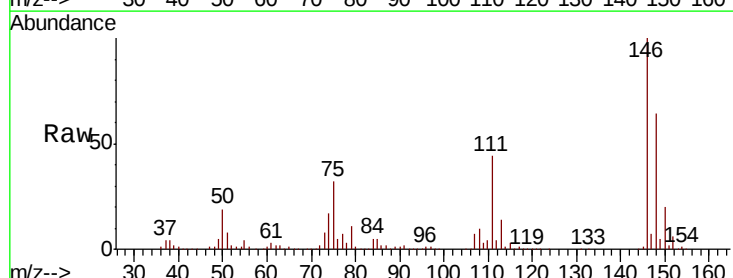
Manual Integrations
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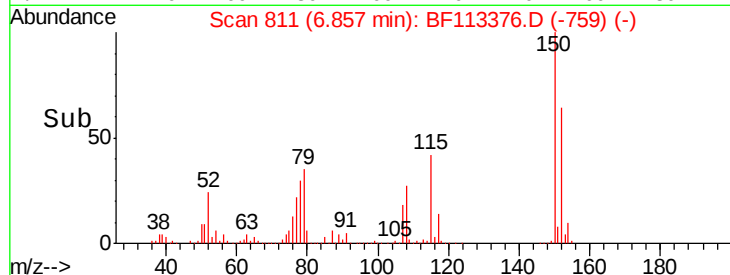
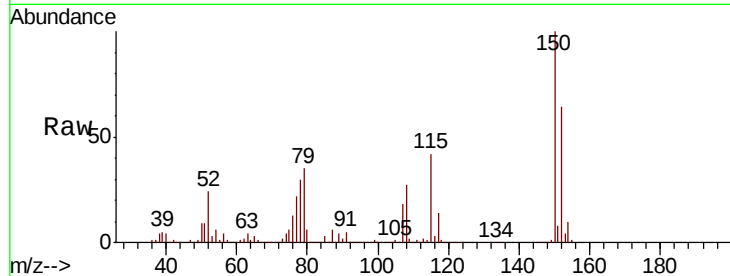
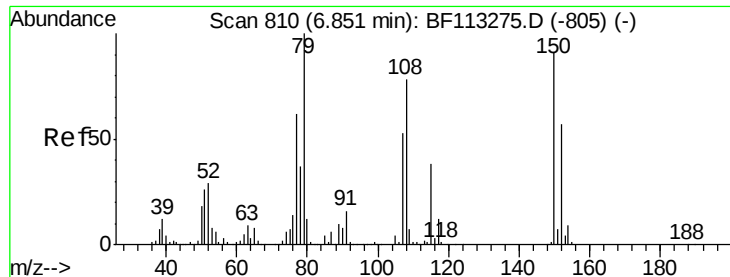
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#14
 1,2-Dichlorobenzene
 Concen: 35.825 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF113376.D
 Acq: 28 Mar 2019 16:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.2	75.4
111	43.7	35.4	53.2





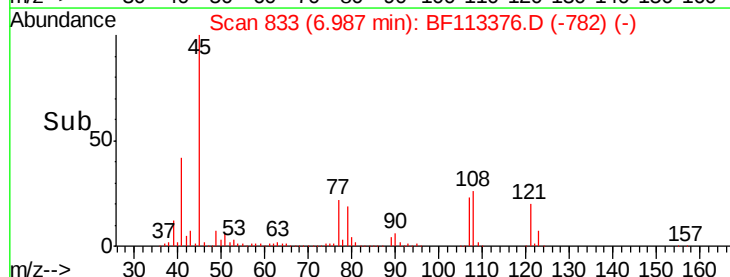
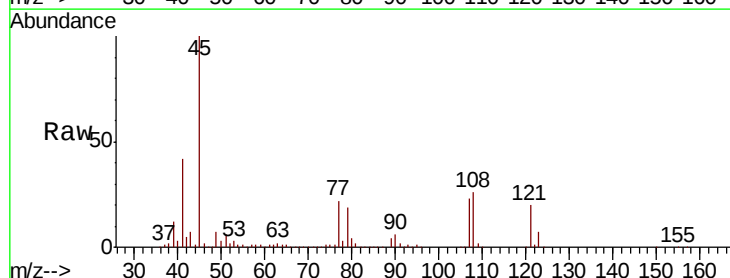
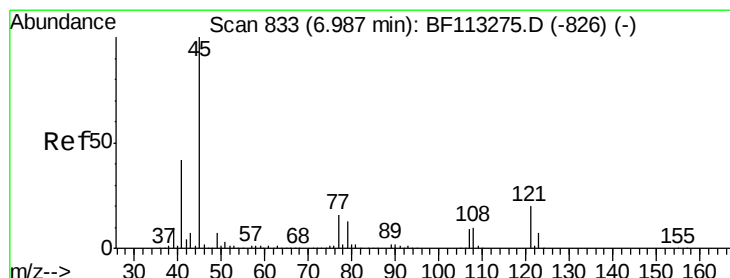
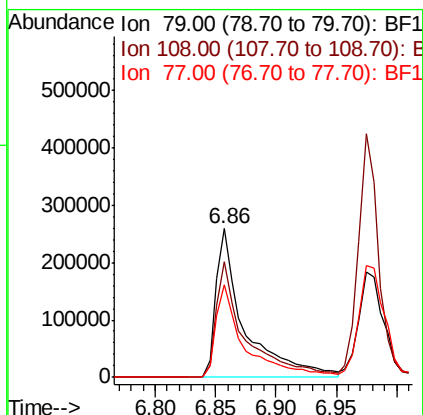
#15
Benzyl Alcohol
Concen: 42.104 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF113376.D
Acq: 28 Mar 2019 16:12

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.0	62.0	93.0
77	62.4	49.9	74.9

Instrument :
BNA_F
ClientSampled :
PB118325BS

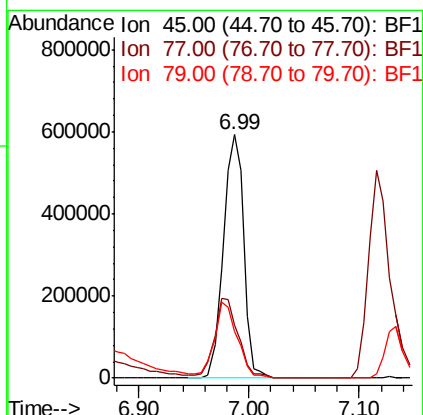
Manual Integrations
APPROVED

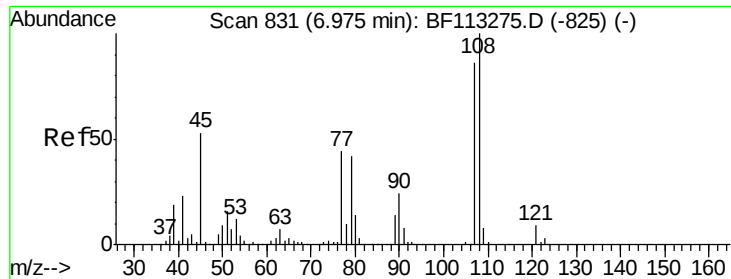
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.482 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF113376.D
Acq: 28 Mar 2019 16:12

Tgt Ion	Ratio	Lower	Upper
45	100		
77	21.9	0.0	36.6
79	18.9	0.0	34.0





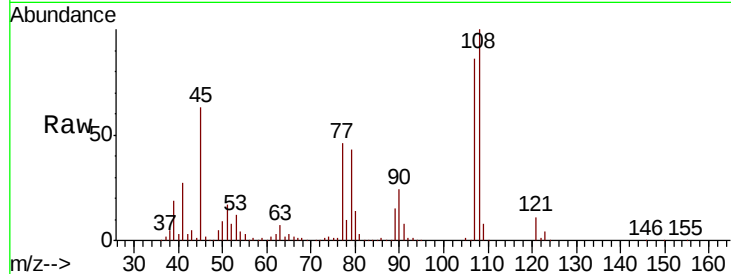
#17
2-Methylphenol
Concen: 39.078 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF113376.D
Acq: 28 Mar 2019 16:12

Instrument :
BNA_F
ClientSampleId :
PB118325BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	117.0	93.4	140.0	
77	53.4	41.2	61.8	
79	50.7	40.1	60.1	

Manual Integrations
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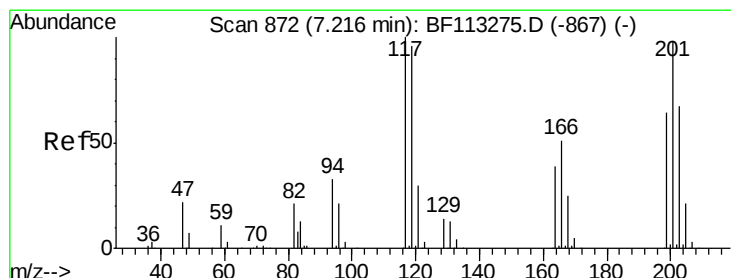
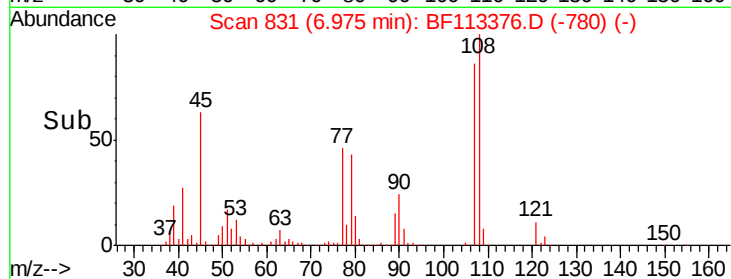
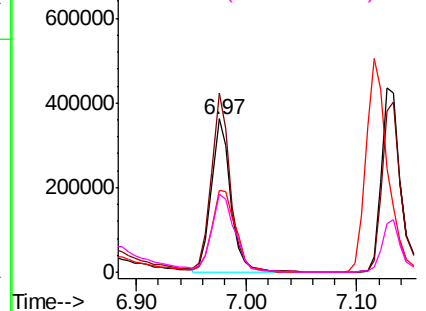
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 39.655 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF113376.D
Acq: 28 Mar 2019 16:12

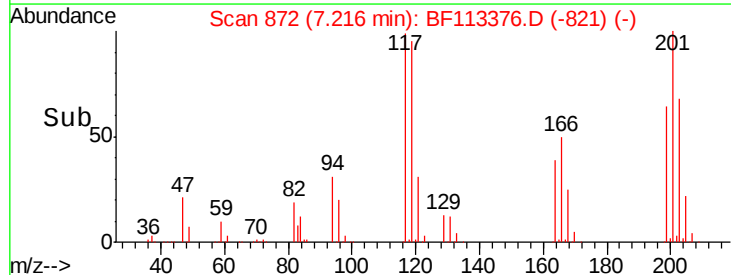
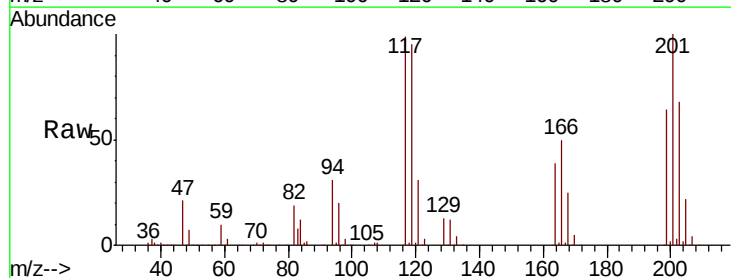
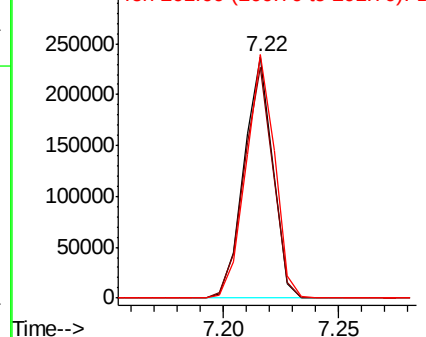
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.8	76.9	115.3	
201	100.9	78.7	118.1	

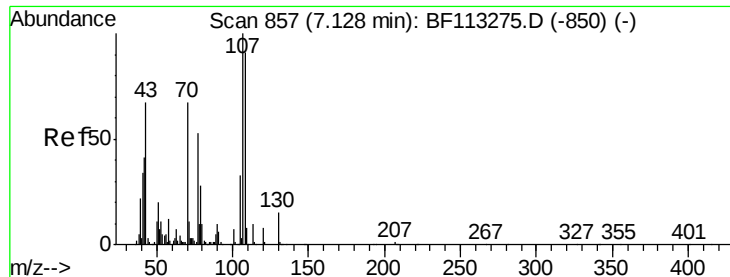
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





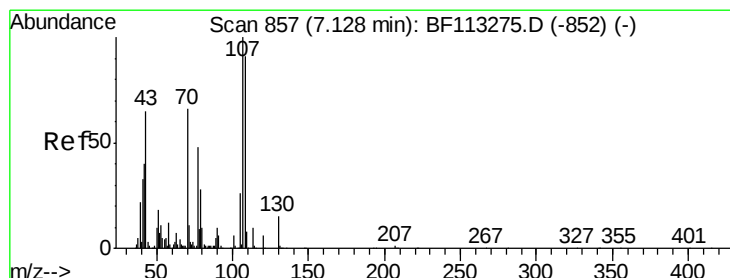
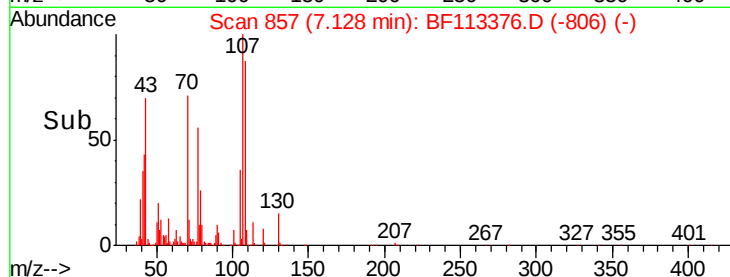
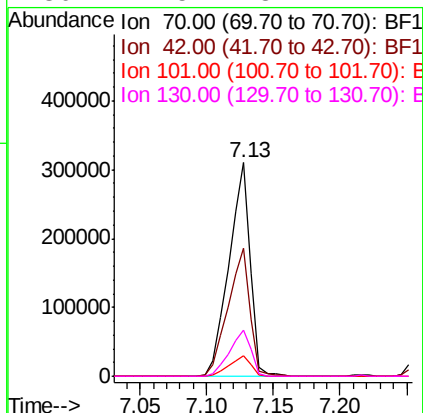
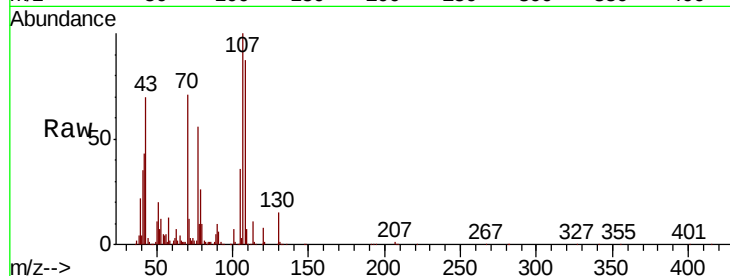
#19
n-Nitroso-di-n-propylamine
Concen: 36.861 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF113376.D
Acq: 28 Mar 2019 16:12

Instrument :
BNA_F
ClientSampleId :
PB118325BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		350059		
42	59.8		48.4	72.6	
101	9.7		7.8	11.8	
130	21.5		18.2	27.4	

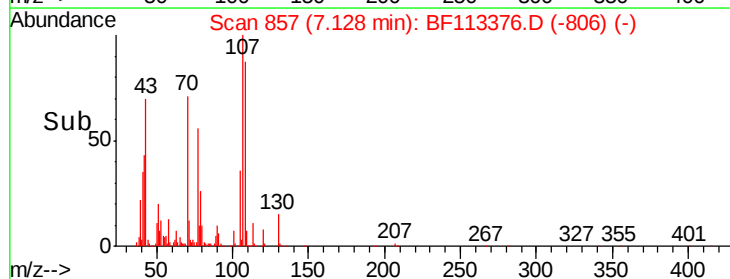
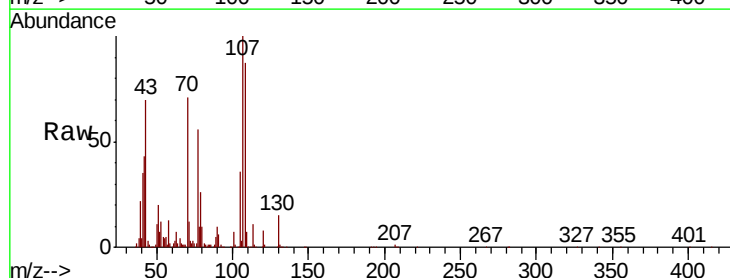
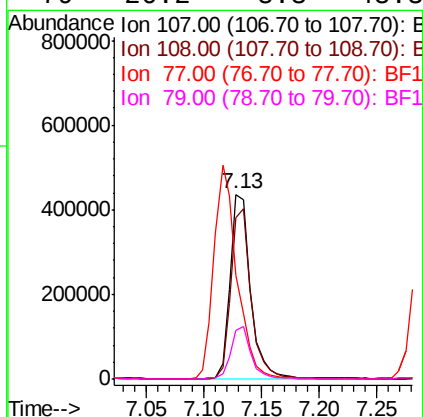
Manual Integrations
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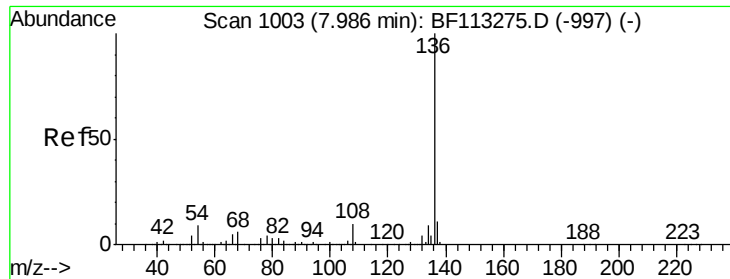
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#20
3+4-Methylphenols
Concen: 42.143 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF113376.D
Acq: 28 Mar 2019 16:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		532429		
108	87.5		71.4	111.4	
77	56.1		33.5	73.5	
79	26.2		8.3	48.3	





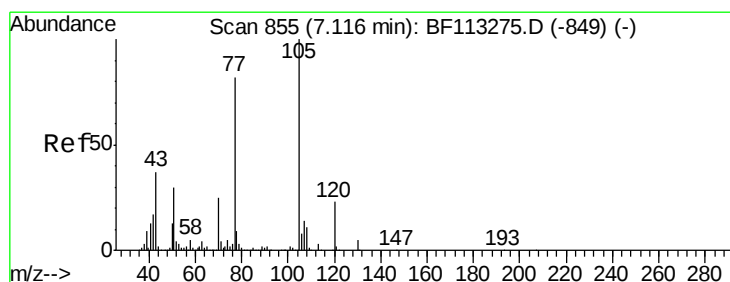
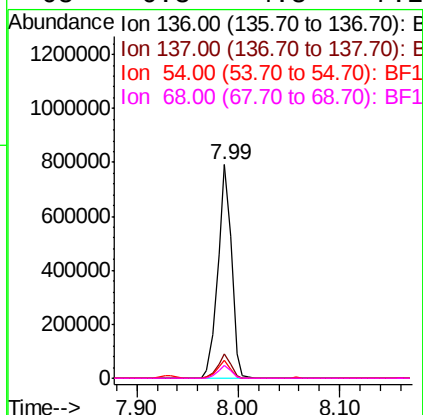
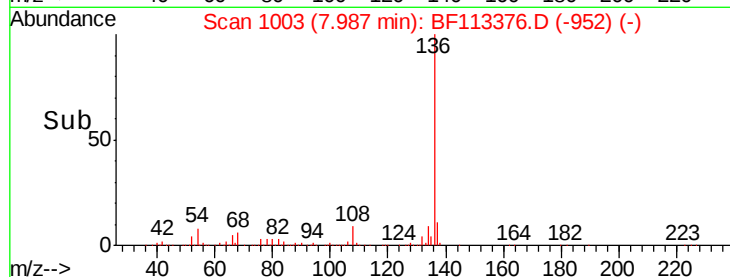
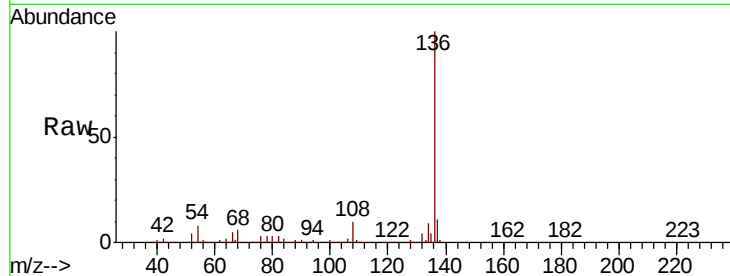
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF113376.D
Acq: 28 Mar 2019 16:12

Instrument :
BNA_F
ClientSampleId :
PB118325BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		735751		
137	11.2	8.9	13.3		
54	8.4	7.0	10.6		
68	6.3	4.8	7.2		

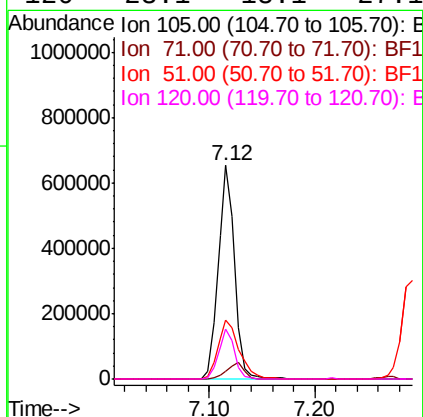
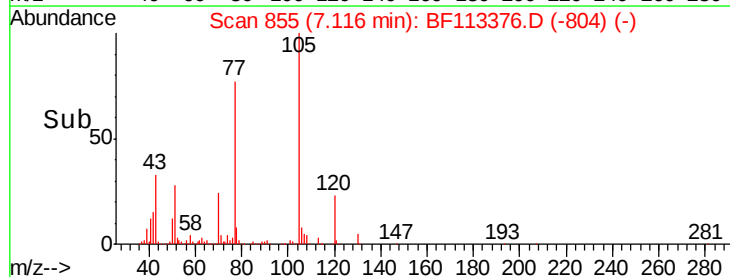
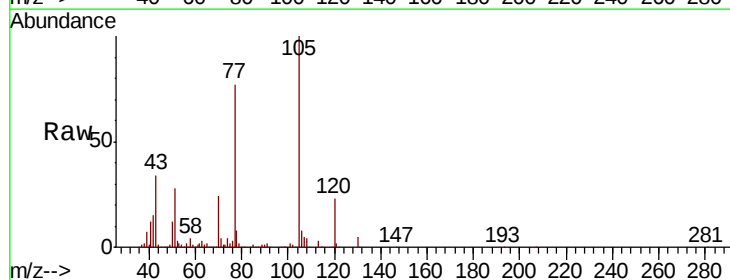
Manual Integrations
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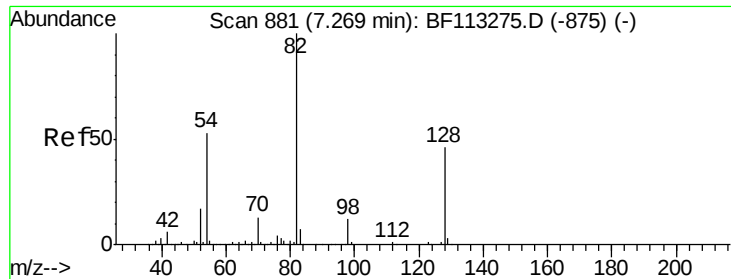
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#22
Acetophenone
Concen: 42.425 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF113376.D
Acq: 28 Mar 2019 16:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		711846		
71	3.8	3.3	4.9		
51	27.6	24.2	36.2		
120	23.1	18.1	27.1		





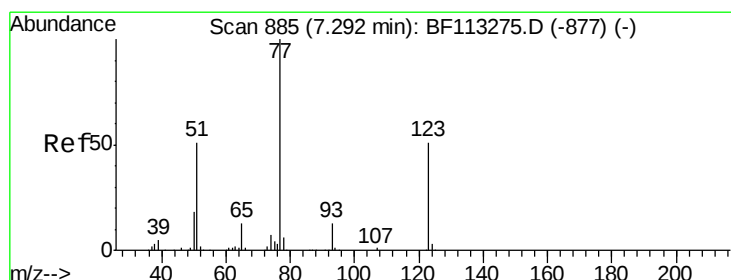
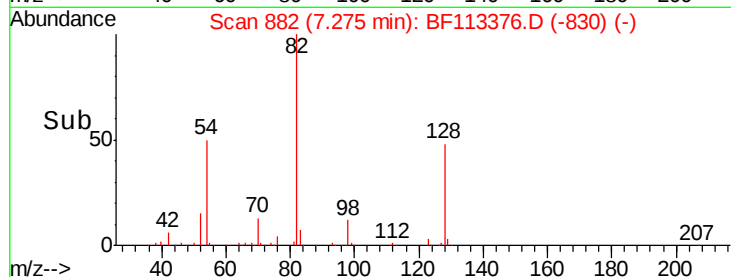
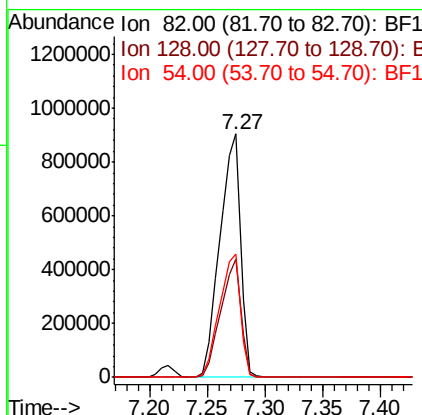
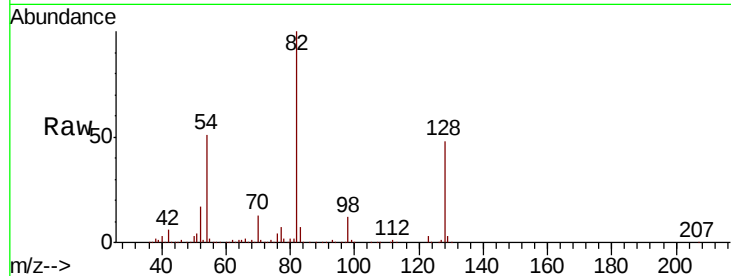
#23
 Nitrobenzene-d5
 Concen: 90.903 ng
 RT: 7.27 min Scan# 882
 Delta R.T. 0.01 min
 Lab File: BF113376.D
 Acq: 28 Mar 2019 16:12

Instrument :
 BNA_F
 ClientSampleId :
 PB118325BS

Tot Ion	82	Resp	1126830
Ion Ratio	100	Lower	Upper
128	48.4	36.5	54.7
54	50.7	42.2	63.2

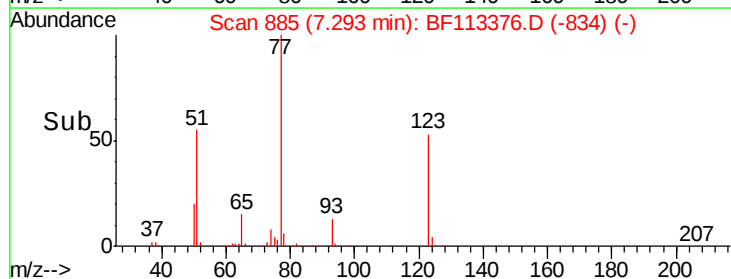
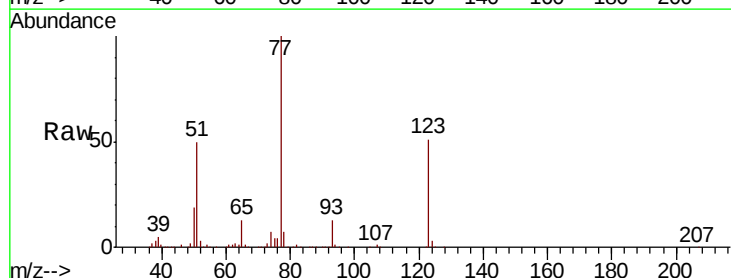
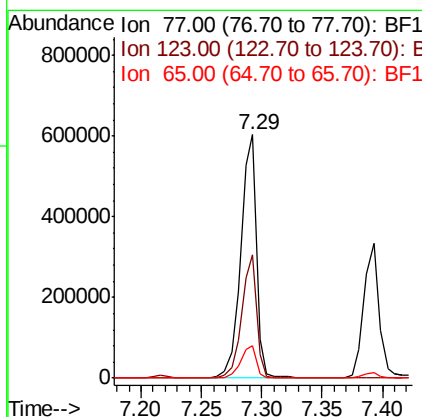
Manual Integrations
 APPROVED

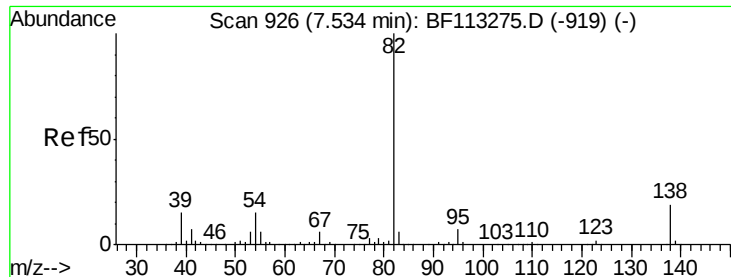
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 3/29/2019 4:47:19 PM



#24
 Nitrobenzene
 Concen: 42.271 ng
 RT: 7.29 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BF113376.D
 Acq: 28 Mar 2019 16:12

Tgt Ion	77	Resp	546793
Ion Ratio	100	Lower	Upper
123	50.6	40.8	61.2
65	13.3	10.6	16.0





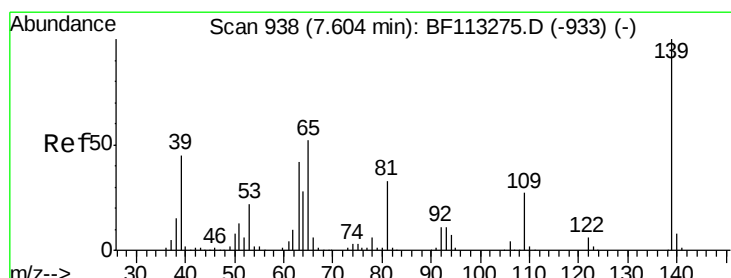
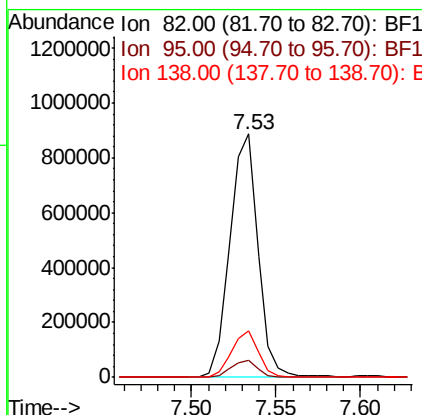
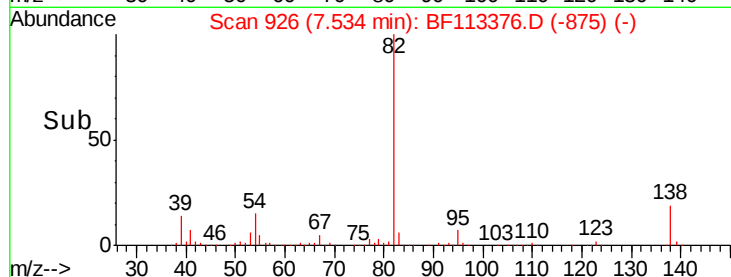
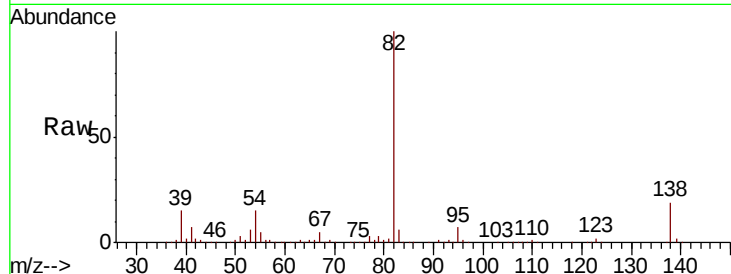
#25
Isophorone
Concen: 42.595 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF113376.D
Acq: 28 Mar 2019 16:12

Instrument :
BNA_F
ClientSampleId :
PB118325BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.5	8.3
138	19.1	15.2	22.8

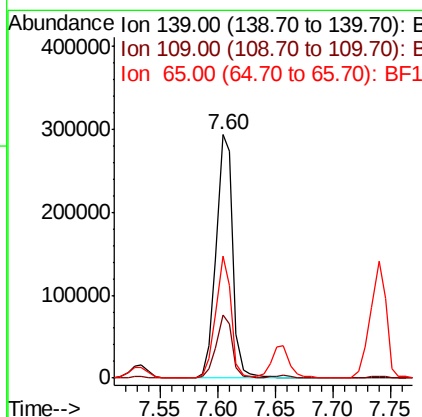
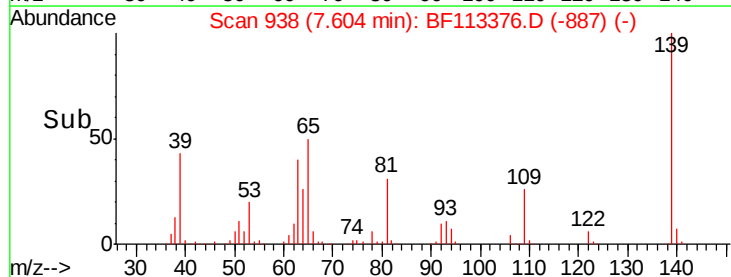
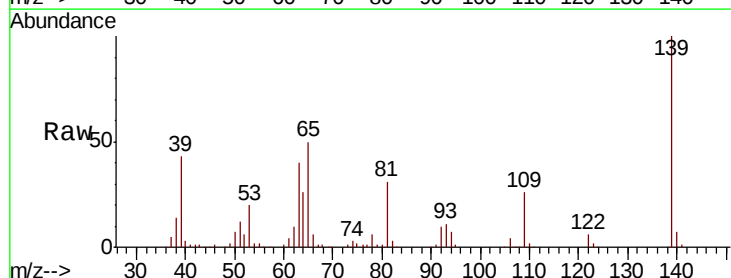
Manual Integrations
APPROVED

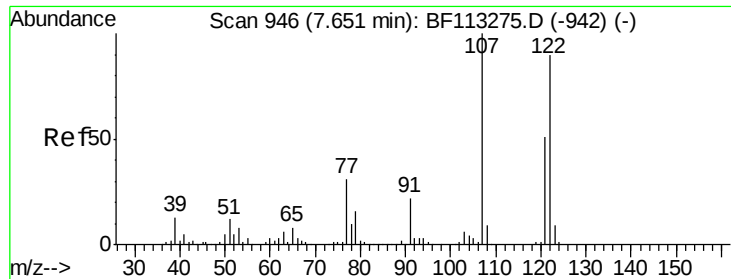
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#26
2-Nitrophenol
Concen: 43.195 ng
RT: 7.60 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF113376.D
Acq: 28 Mar 2019 16:12

Tgt Ion	Ratio	Lower	Upper
139	100		
109	26.0	21.7	32.5
65	50.4	41.6	62.4





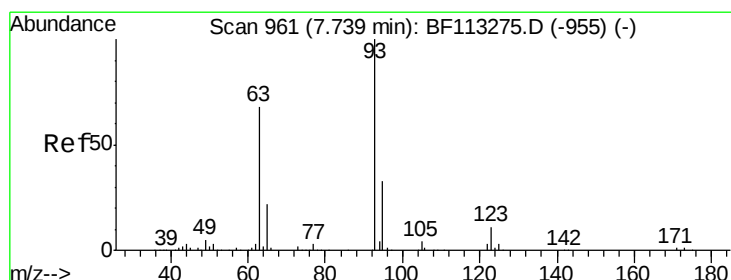
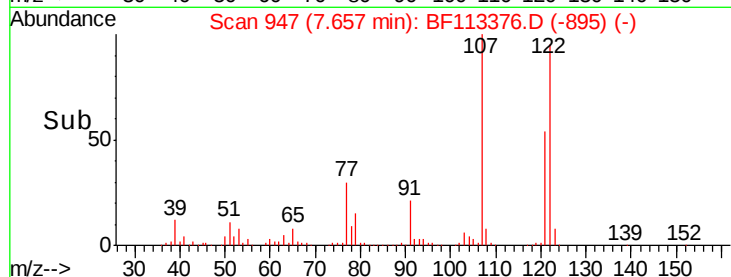
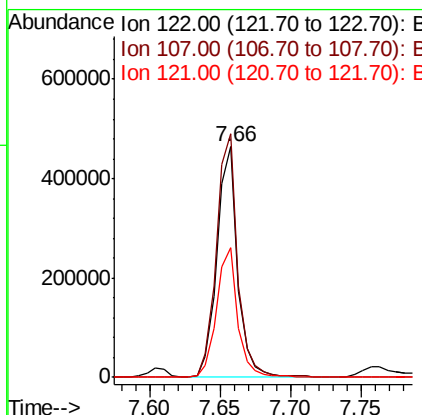
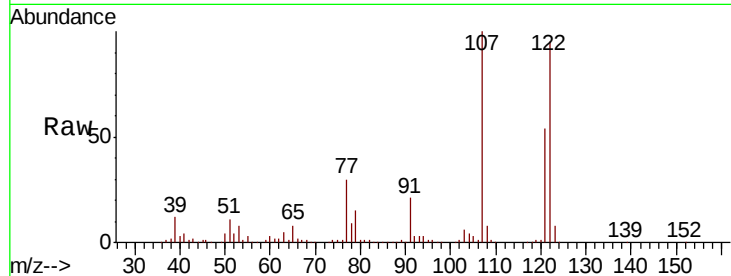
#27
 2,4-Dimethylphenol
 Concen: 48.266 ng
 RT: 7.66 min Scan# 947
 Delta R.T. 0.01 min
 Lab File: BF113376.D
 Acq: 28 Mar 2019 16:12

Instrument :
 BNA_F
 ClientSampleId :
 PB118325BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	105.6	88.8	133.2
121	56.5	45.5	68.3

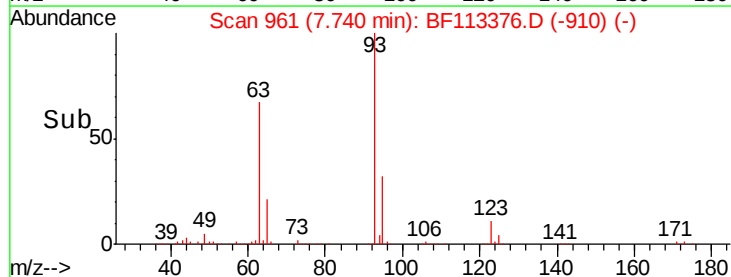
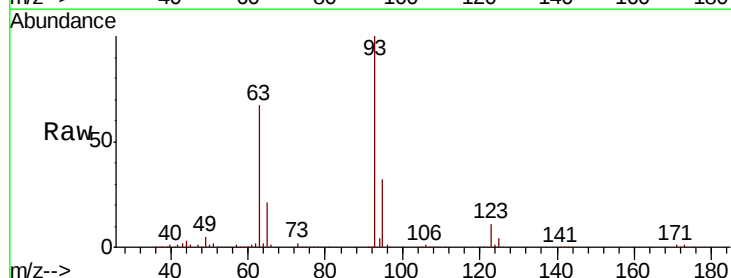
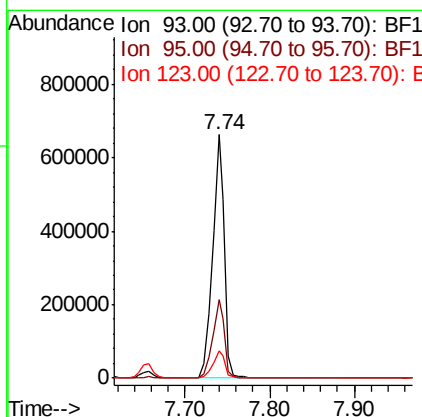
Manual Integrations
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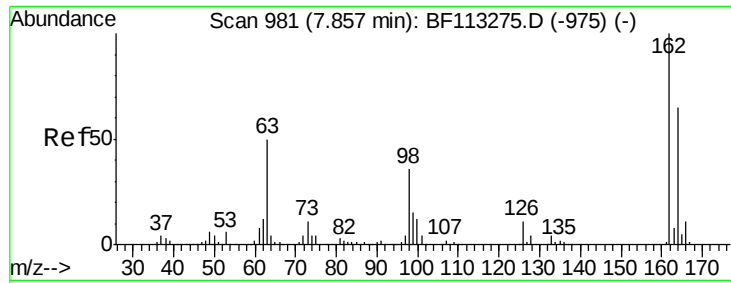
Sohil
 3/29/2019 4:47:19 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.475 ng
 RT: 7.74 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF113376.D
 Acq: 28 Mar 2019 16:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.0	39.0
123	11.3	9.1	13.7





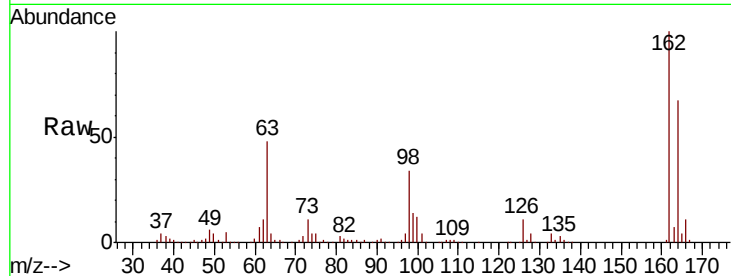
#29
2,4-Dichlorophenol
Concen: 43.985 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF113376.D
Acq: 28 Mar 2019 16:12

Instrument :
BNA_F
ClientSampleId :
PB118325BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	66.7	44.6	84.6
98	34.2	15.6	55.6

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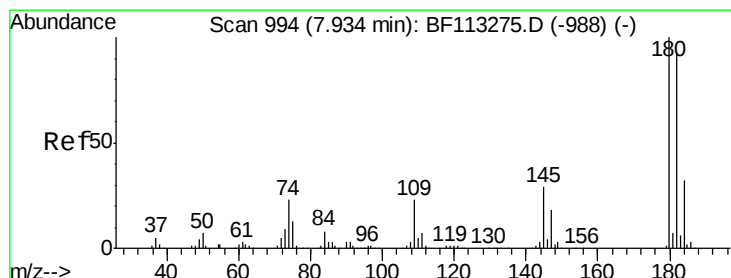
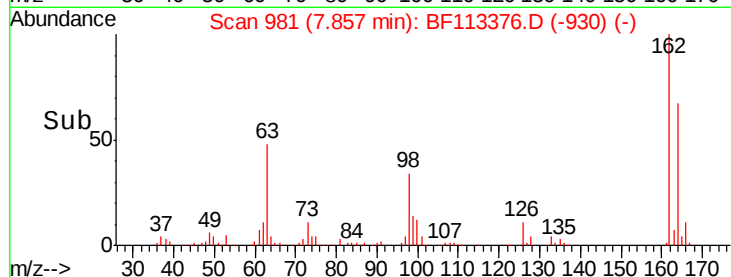
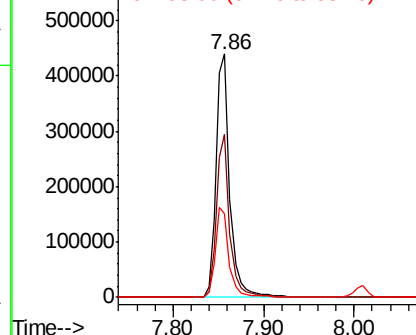


Abundance

Ion 162.00 (161.70 to 162.70): E

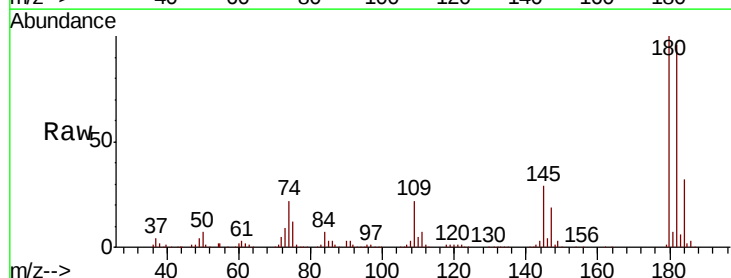
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 42.630 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF113376.D
Acq: 28 Mar 2019 16:12

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.7	74.6	111.8
145	29.1	23.4	35.0

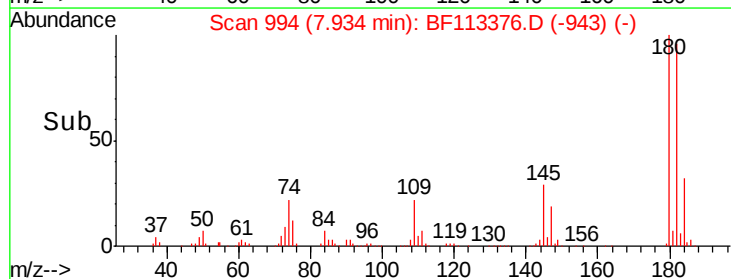
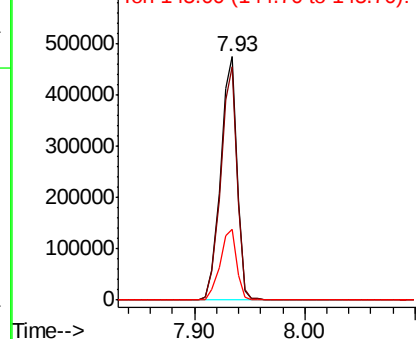


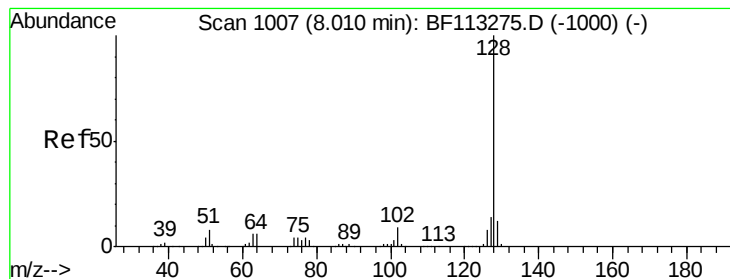
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.375 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF113376.D

Acq: 28 Mar 2019 16:12

Instrument :

BNA_F

ClientSampleId :

PB118325BS

Tot Ion:128 Resp: 1487624

Ion Ratio Lower Upper

128 100

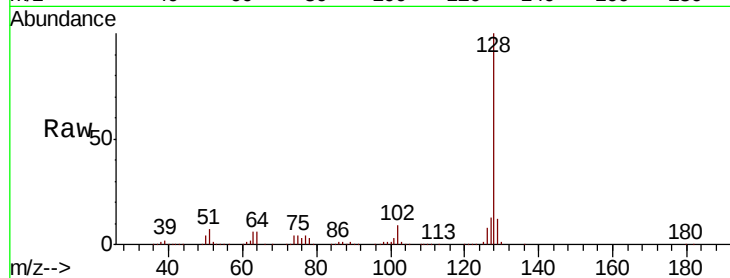
129 11.8 9.3 13.9

127 13.5 10.9 16.3

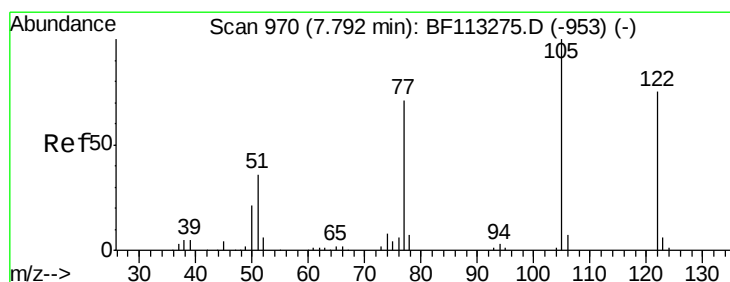
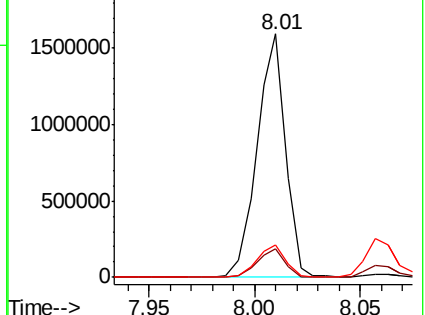
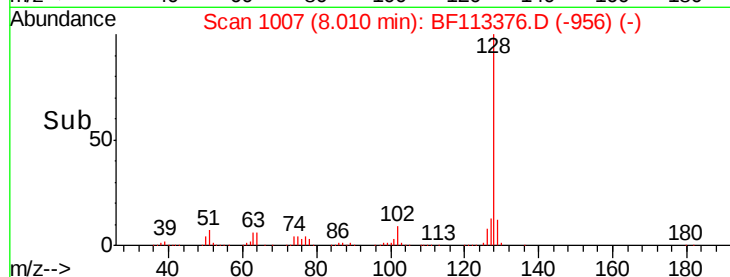
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 5.865 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.03 min

Lab File: BF113376.D

Acq: 28 Mar 2019 16:12

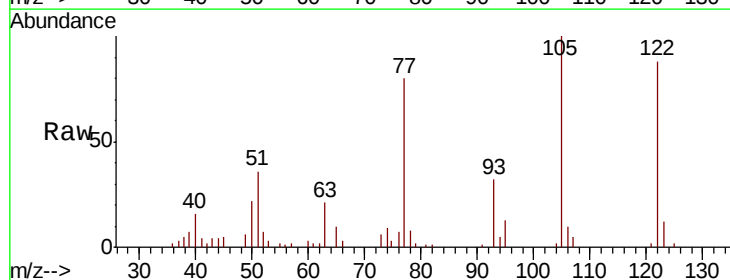
Tgt Ion:122 Resp: 46432

Ion Ratio Lower Upper

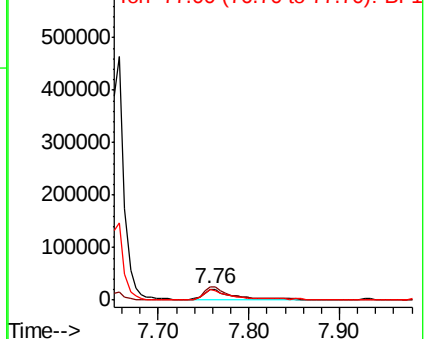
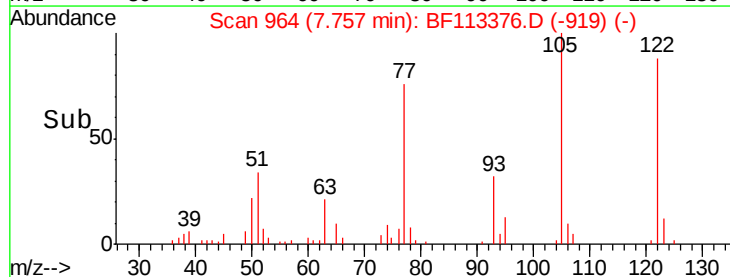
122 100

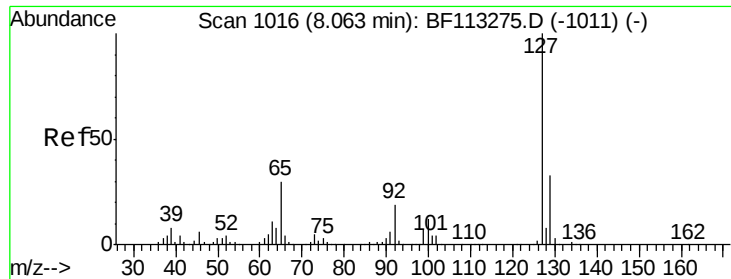
105 113.1 100.4 140.4

77 90.4 69.0 109.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





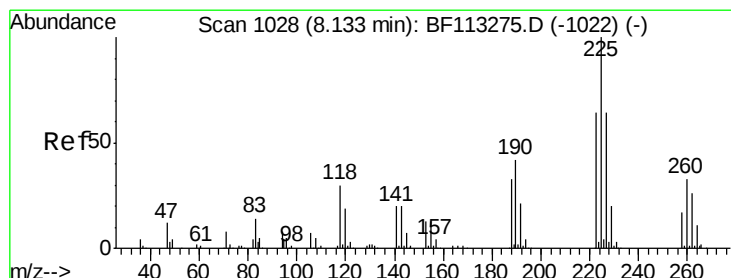
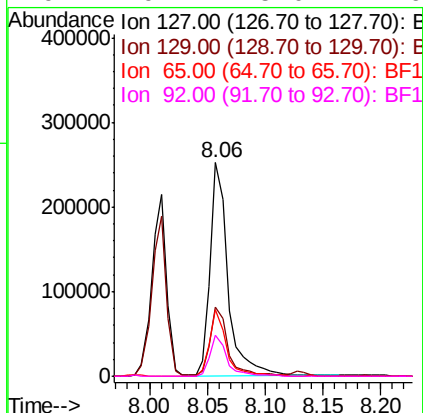
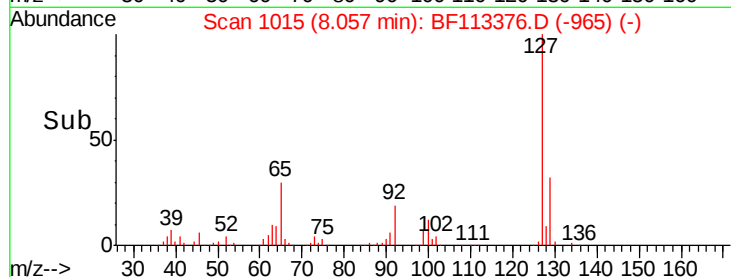
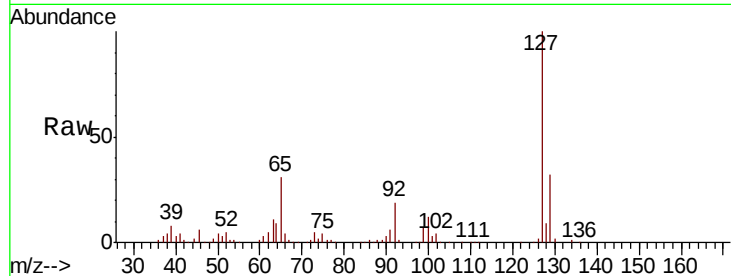
#33
4-Chloroaniline
Concen: 19.378 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF113376.D
Acq: 28 Mar 2019 16:12

Instrument :
BNA_F
ClientSampleId :
PB118325BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	271682		
129	32.4	26.3	39.5	
65	30.9	24.2	36.4	
92	19.2	15.0	22.6	

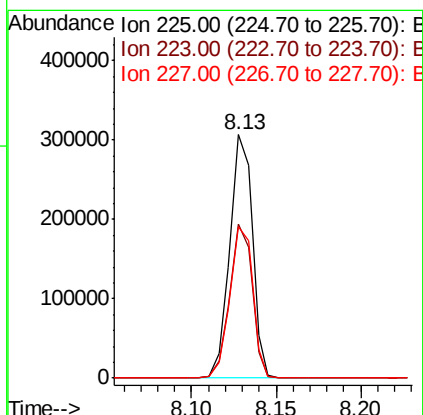
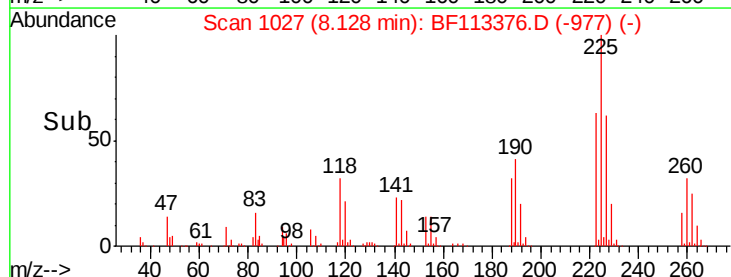
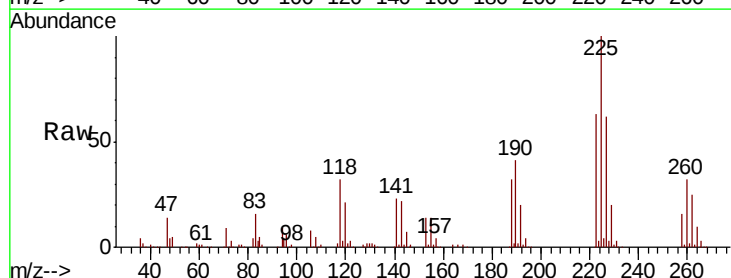
Manual Integrations
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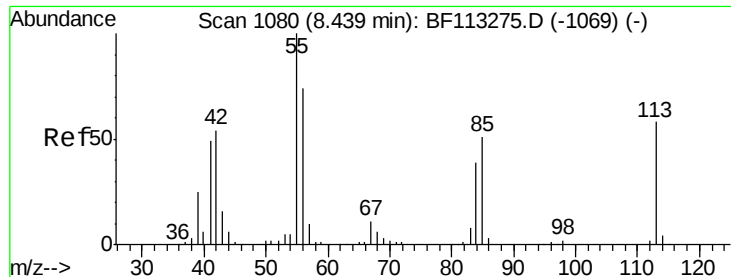
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#34
Hexachlorobutadiene
Concen: 41.805 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF113376.D
Acq: 28 Mar 2019 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	285721		
223	63.3	51.4	77.2	
227	62.2	51.1	76.7	





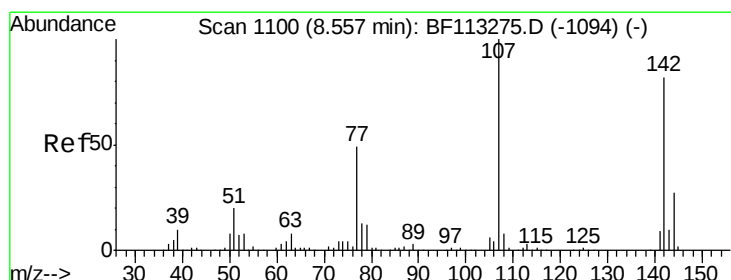
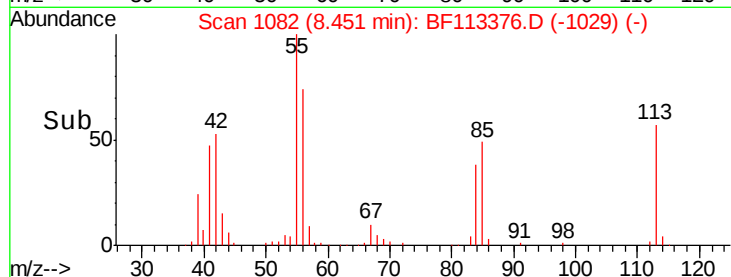
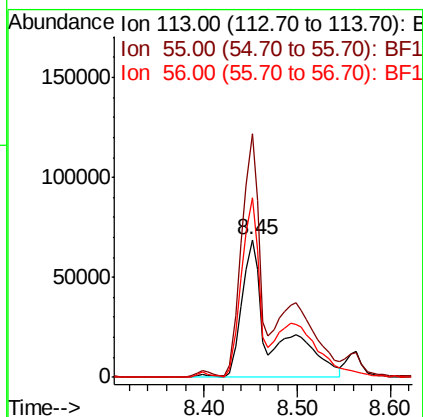
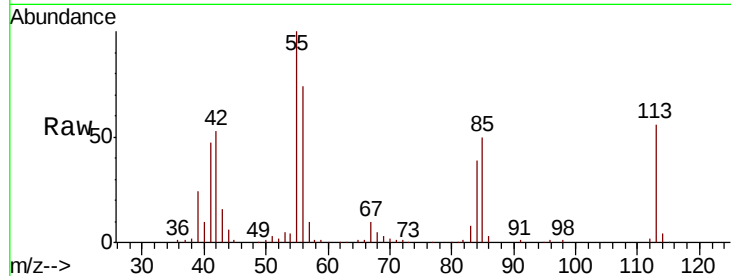
#35
Caprolactam
Concen: 45.941 ng/ml
RT: 8.45 min Scan# 1082
Delta R.T. 0.01 min
Lab File: BF113376.D
Acq: 28 Mar 2019 16:12

Instrument :
BNA_F
ClientSampleId :
PB118325BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	177.0	152.7	192.7		
56	130.4	108.3	148.3		

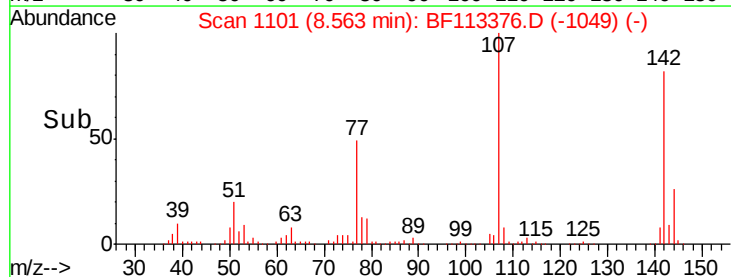
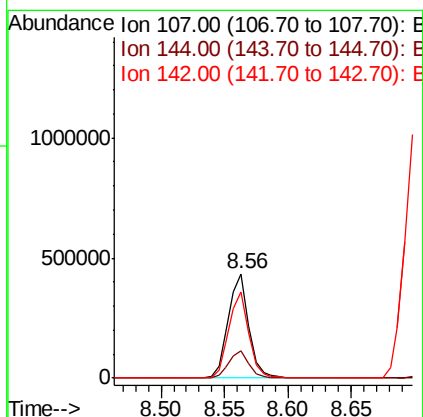
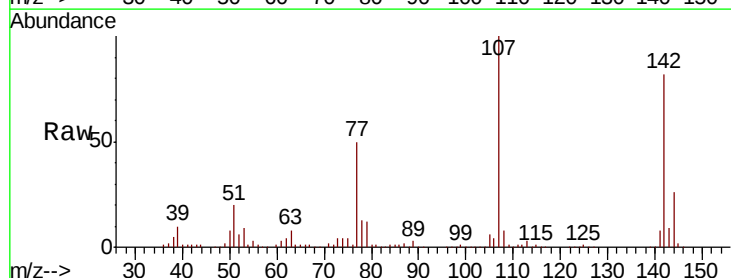
Manual Integrations
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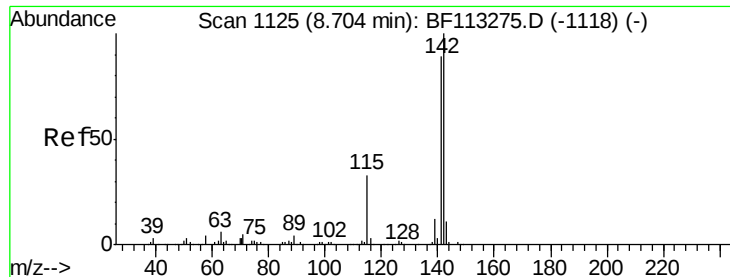
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#36
4-Chloro-3-methylphenol
Concen: 45.249 ng/ml
RT: 8.56 min Scan# 1101
Delta R.T. 0.01 min
Lab File: BF113376.D
Acq: 28 Mar 2019 16:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	26.3	21.4	32.0		
142	82.1	65.6	98.4		





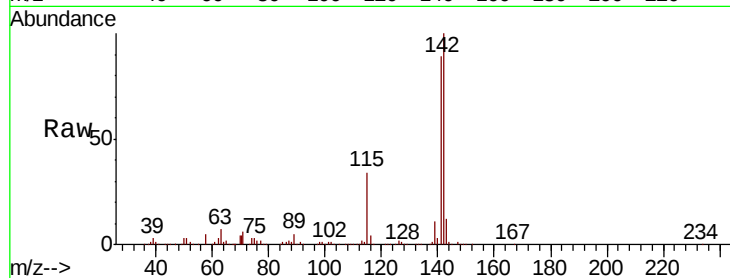
#37
2-Methylnaphthalene
Concen: 45.677 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF113376.D
Acq: 28 Mar 2019 16:12

Instrument :
BNA_F
ClientSampled :
PB118325BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.0	106.6
115	33.7	26.6	39.8

Manual Integrations
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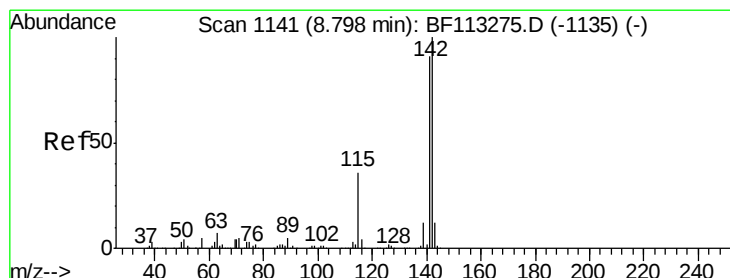
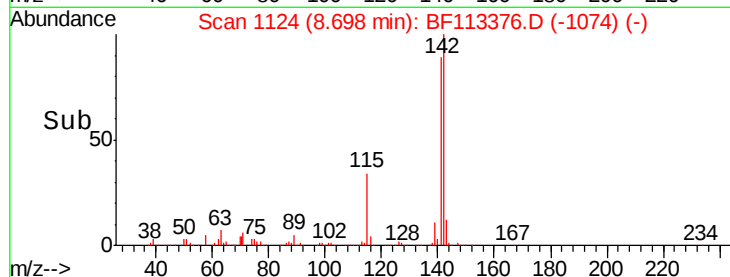
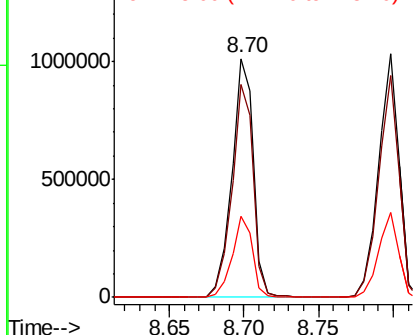


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 44.524 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF113376.D
Acq: 28 Mar 2019 16:12

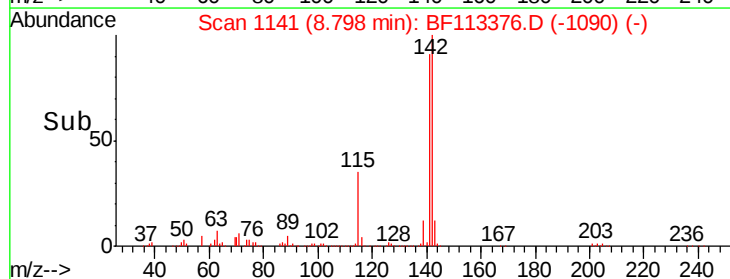
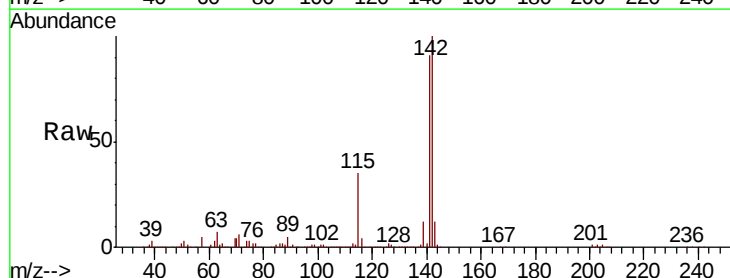
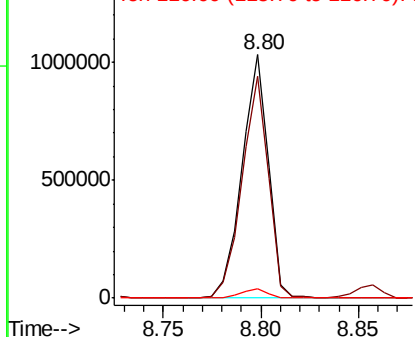
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.2	109.8
116	3.7	3.0	4.4

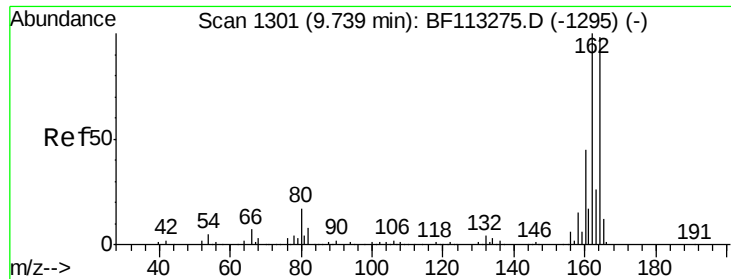
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





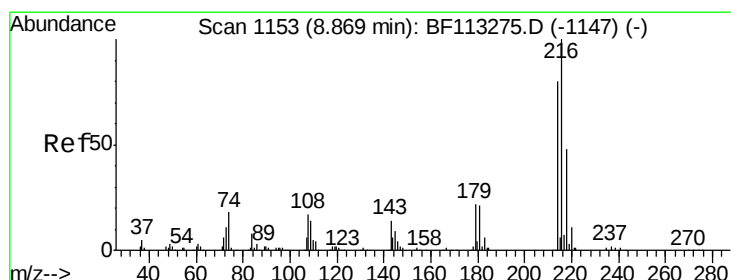
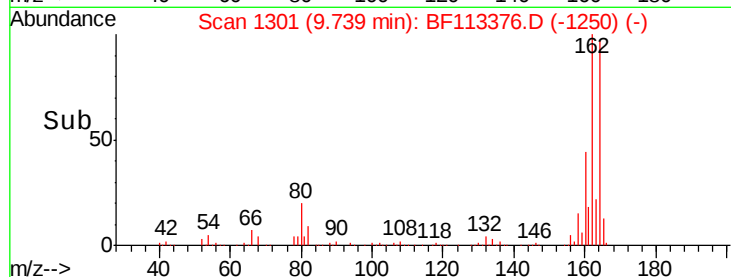
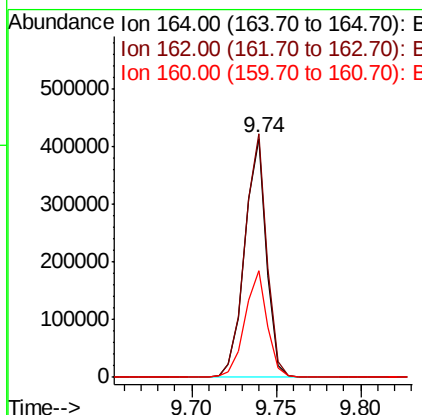
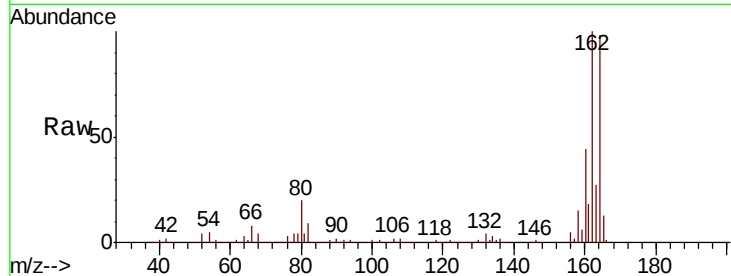
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF113376.D
Acq: 28 Mar 2019 16:12

Instrument :
BNA_F
ClientSampleId :
PB118325BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.8	122.6
160	44.8	36.4	54.6

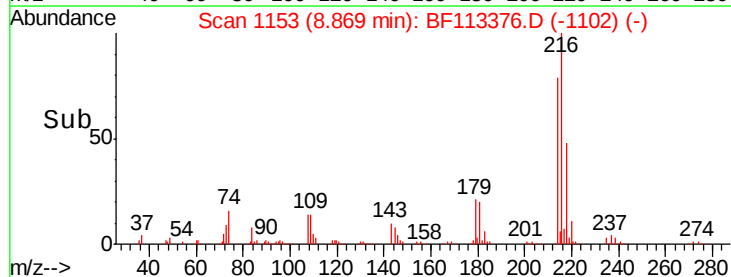
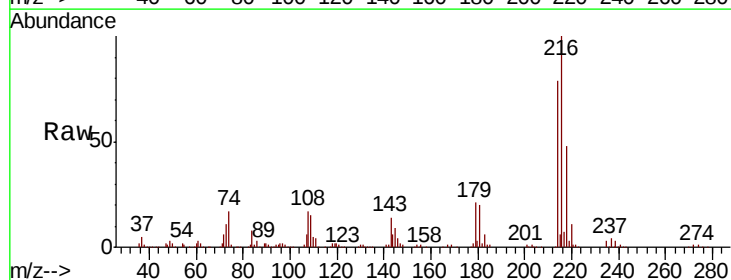
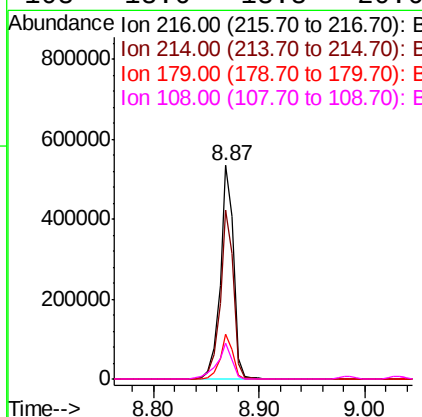
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.800 ng
RT: 8.87 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF113376.D
Acq: 28 Mar 2019 16:12

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.0	94.6
179	20.2	16.8	25.2
108	18.6	13.8	20.6





#41

Hexachlorocyclopentadiene

Concen: 89.327 ng

RT: 8.86 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF113376.D

Acq: 28 Mar 2019 16:12

Instrument :

BNA_F

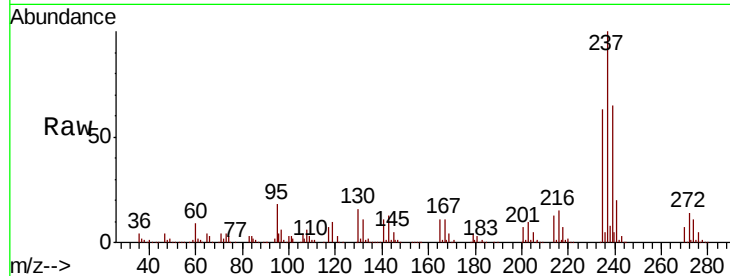
ClientSampleId :

PB118325BS

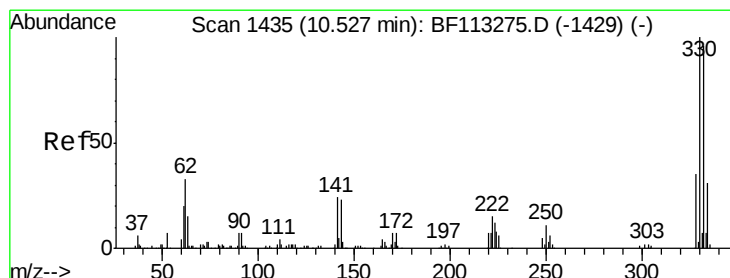
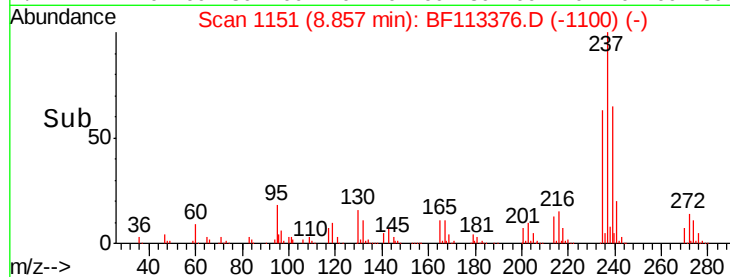
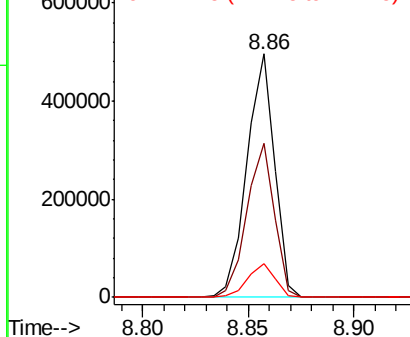
Tot Ion:	237	Resp:	450996
Ion Ratio	Lower	Upper	
237	100		
235	63.1	43.4	83.4
272	14.1	0.0	33.7

Manual Integrations
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 125.610 ng

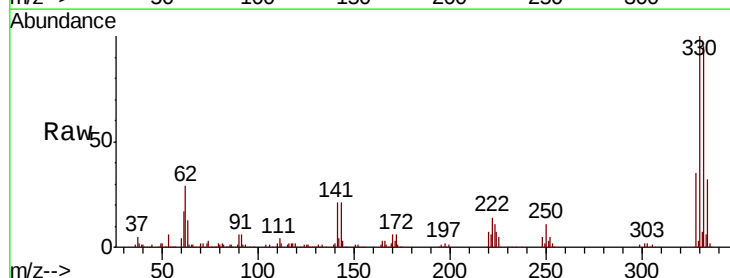
RT: 10.53 min Scan# 1436

Delta R.T. 0.01 min

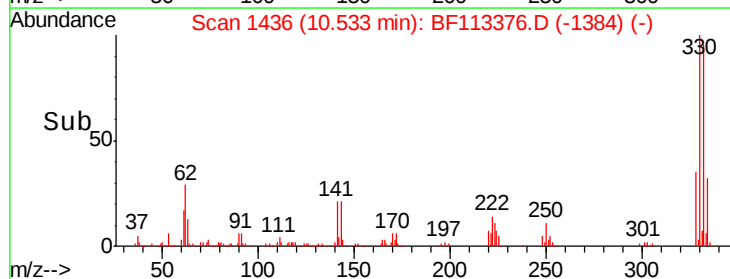
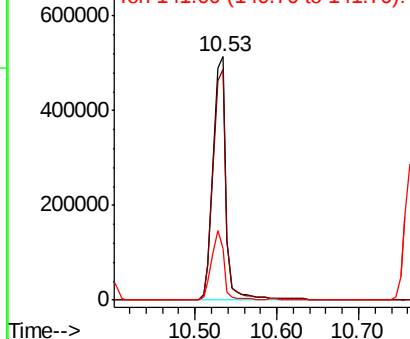
Lab File: BF113376.D

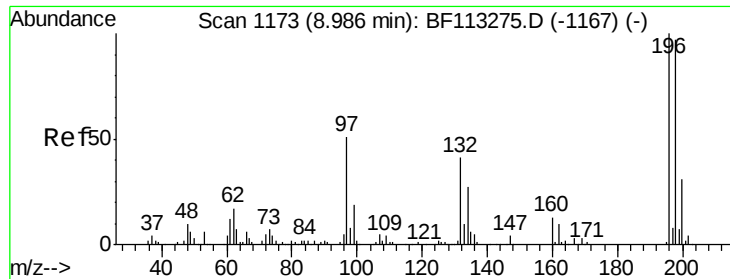
Acq: 28 Mar 2019 16:12

Tgt Ion:	330	Resp:	576548
Ion Ratio	Lower	Upper	
330	100		
332	96.8	77.8	116.6
141	27.1	22.7	34.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





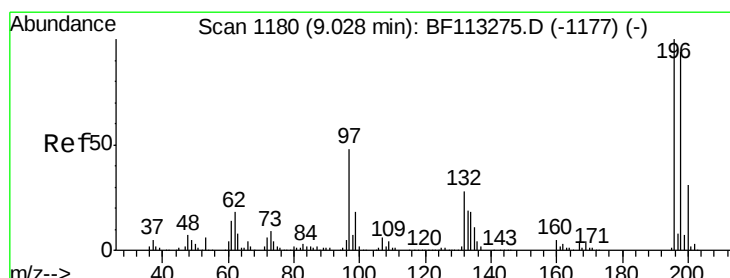
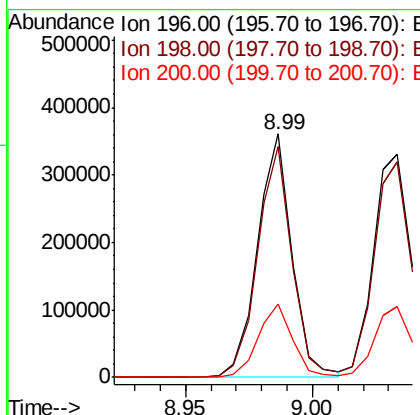
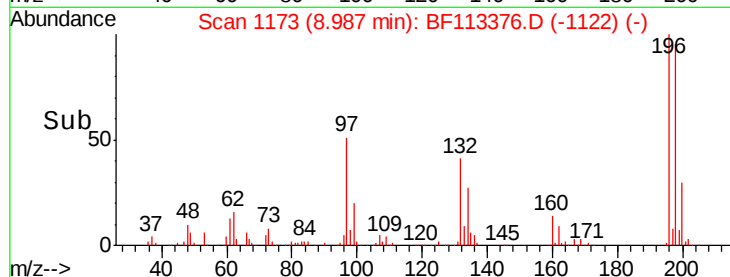
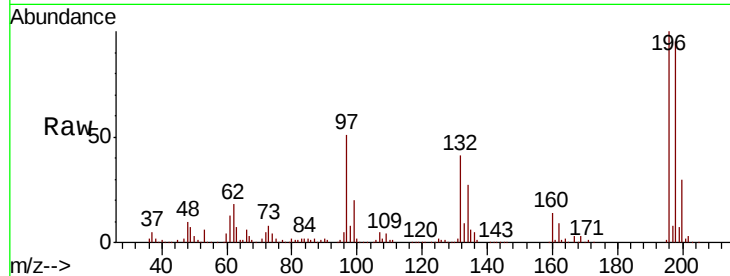
#43
 2,4,6-Trichlorophenol
 Concen: 43.731 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF113376.D
 Acq: 28 Mar 2019 16:12

Instrument :
 BNA_F
 ClientSampled :
 PB118325BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	339679		
198	94.7	77.7	116.5	
200	30.4	24.9	37.3	

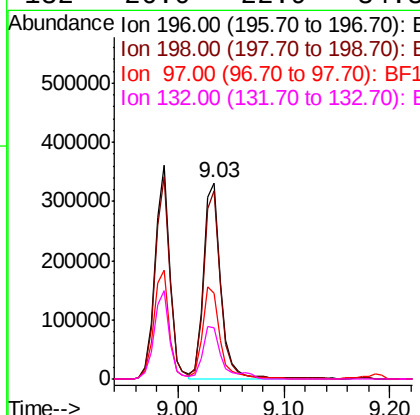
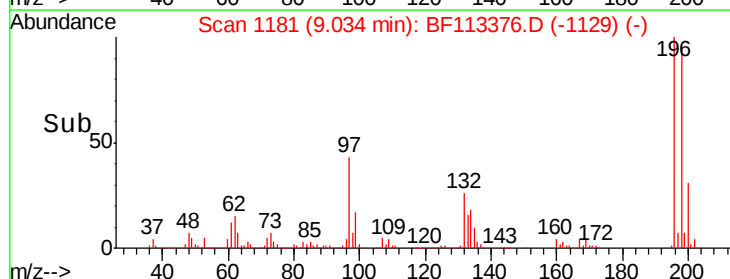
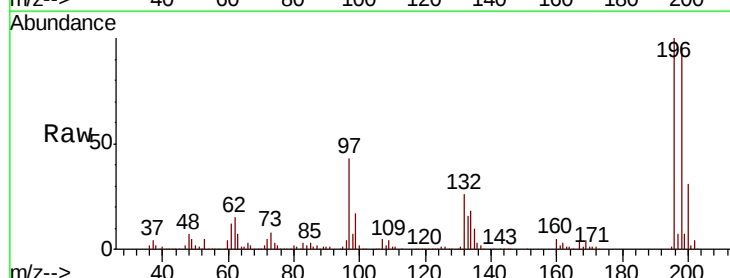
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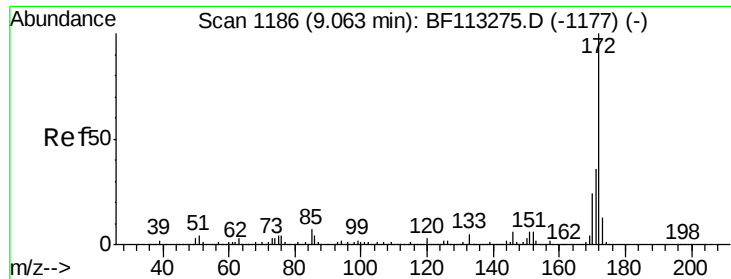
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 3/29/2019 4:47:19 PM



#44
 2,4,5-Trichlorophenol
 Concen: 43.372 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: BF113376.D
 Acq: 28 Mar 2019 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	372829		
198	96.1	75.4	113.2	
97	43.4	38.6	58.0	
132	26.0	22.9	34.3	





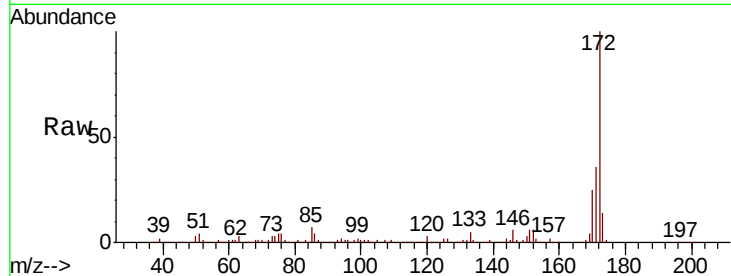
#45
2-Fluorobiphenyl
Concen: 86.735 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF113376.D
Acq: 28 Mar 2019 16:12

Instrument :
BNA_F
ClientSampleId :
PB118325BS

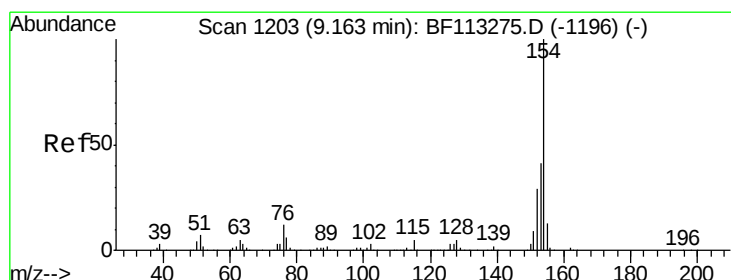
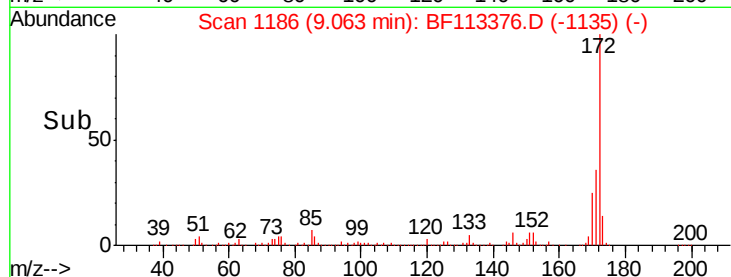
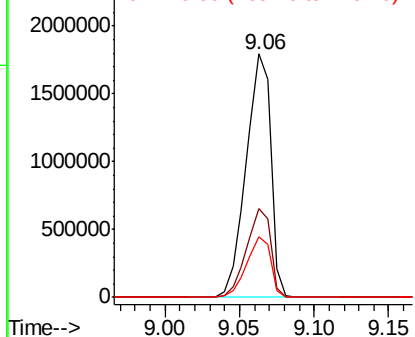
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	25.0	19.5	29.3

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3/29/2019 4:47:19 PM



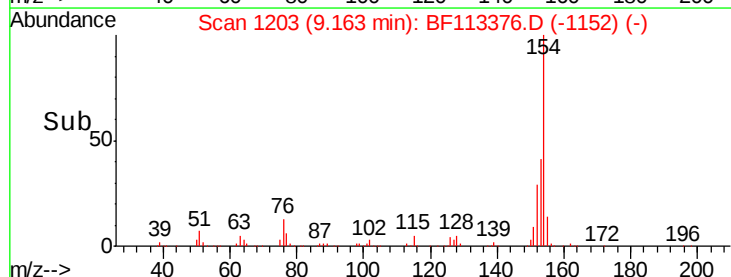
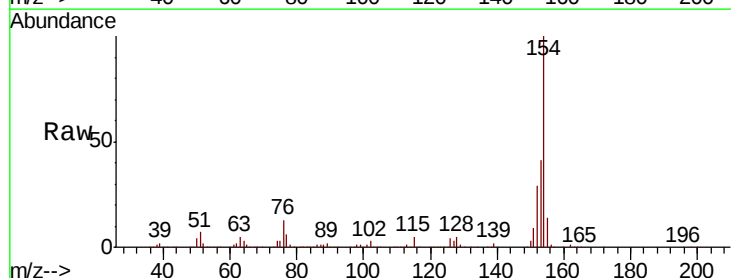
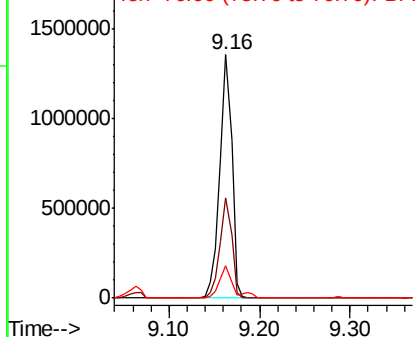
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

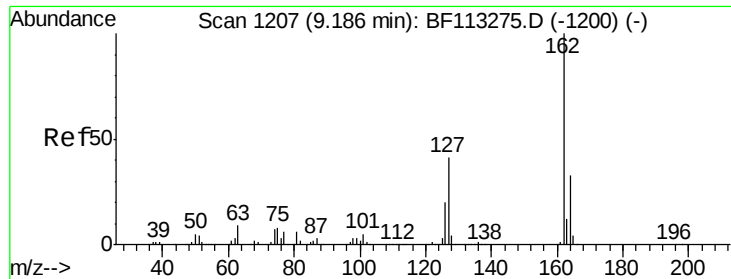


#46
1,1'-Biphenyl
Concen: 39.963 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF113376.D
Acq: 28 Mar 2019 16:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.8	60.8
76	13.1	0.0	31.9

Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





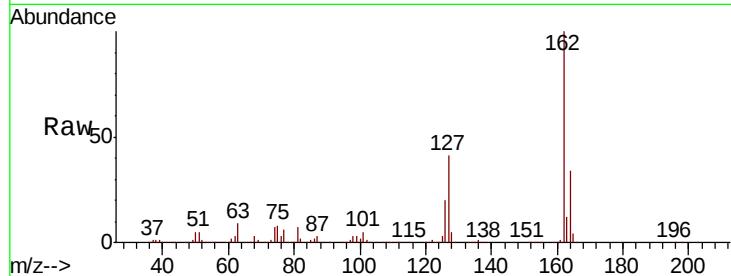
#47
 2-Chloronaphthalene
 Concen: 40.508 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF113376.D
 Acq: 28 Mar 2019 16:12

Instrument :
 BNA_F
 ClientSampled :
 PB118325BS

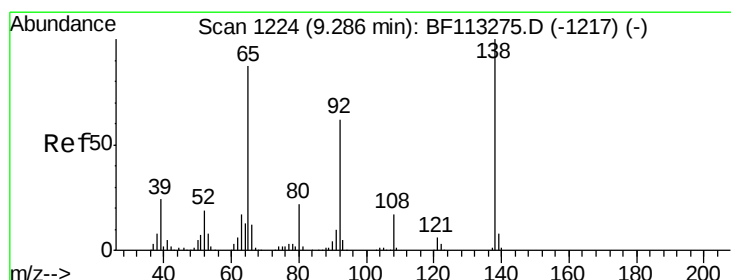
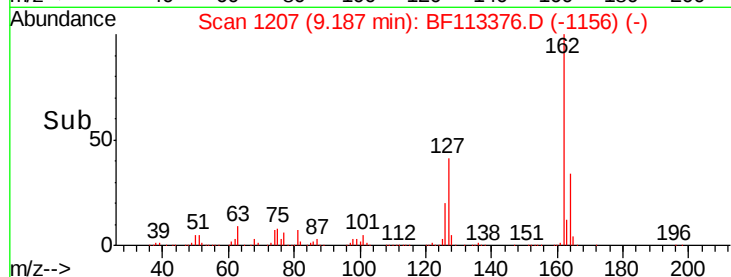
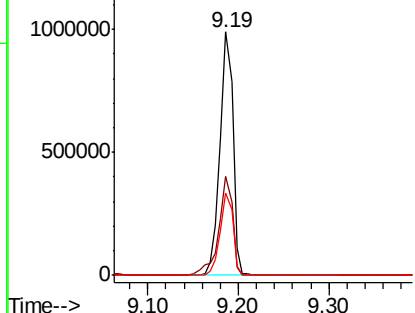
Tot Ion	Ratio	Resp	Lower	Upper
162	100	967942		
127	40.9	32.6	49.0	
164	33.6	26.6	39.8	

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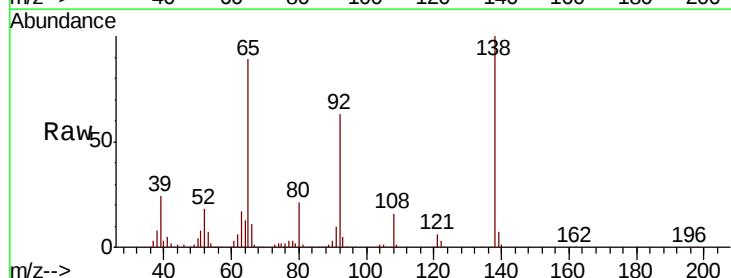


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

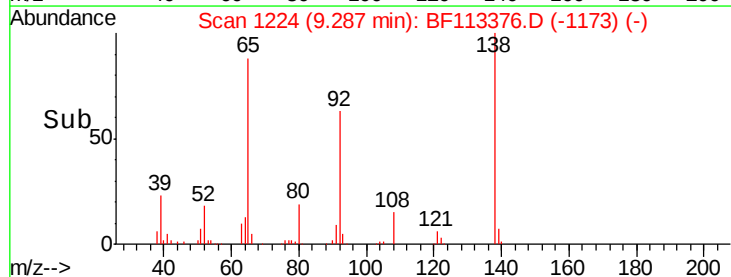
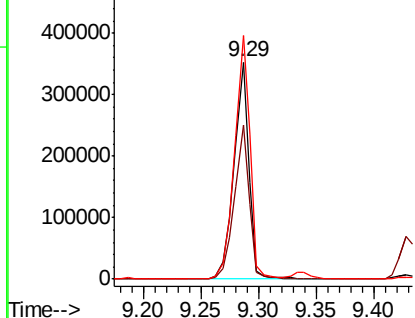


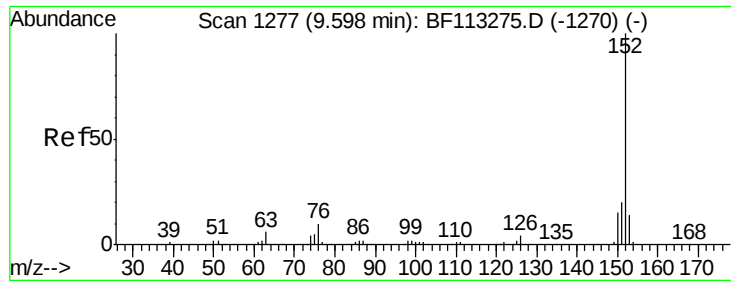
#48
 2-Nitroaniline
 Concen: 42.239 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF113376.D
 Acq: 28 Mar 2019 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	316738		
92	70.8	56.8	85.2	
138	112.3	92.3	138.5	



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.069 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BF113376.D

Acq: 28 Mar 2019 16:12

Instrument :

BNA_F

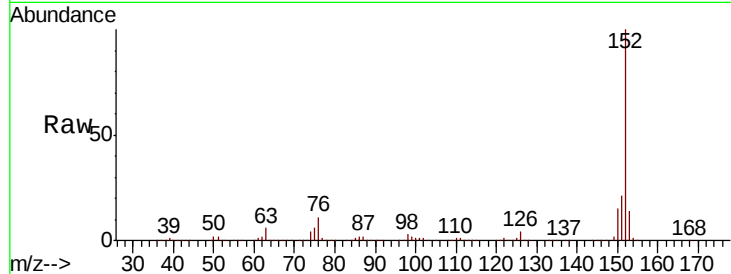
ClientSampleId :

PB118325BS

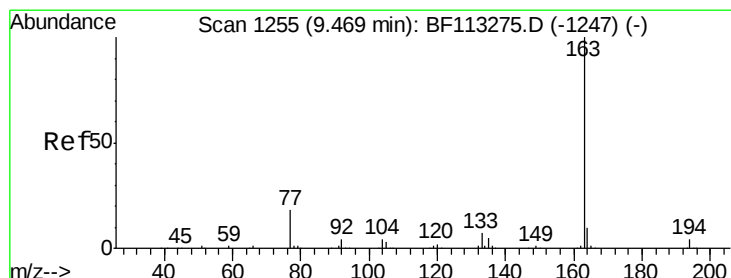
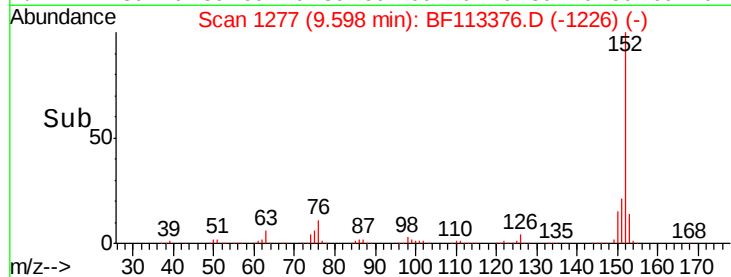
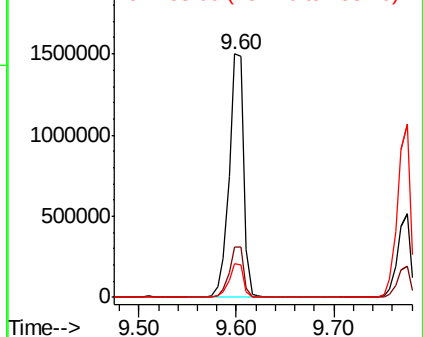
Tot Ion:	152	Resp:	1548135
Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.2	24.4
153	14.1	11.0	16.6

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3/29/2019 4:47:19 PM



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.694 ng

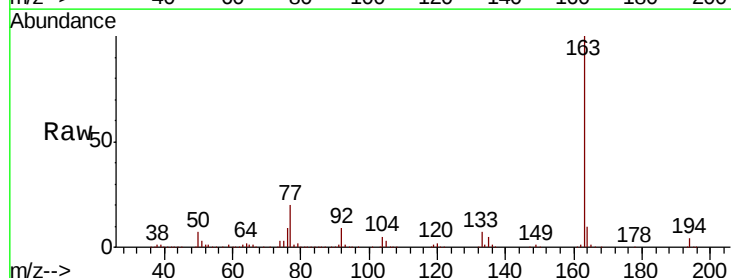
RT: 9.47 min Scan# 1255

Delta R.T. 0.00 min

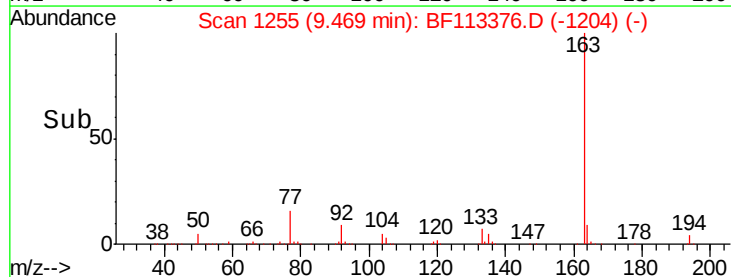
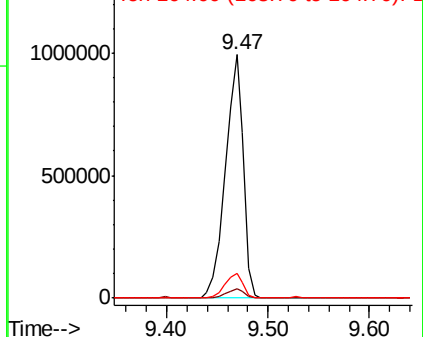
Lab File: BF113376.D

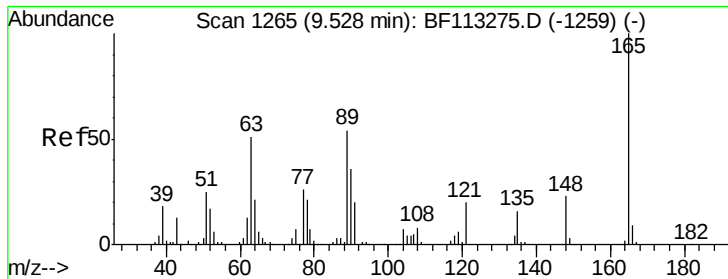
Acq: 28 Mar 2019 16:12

Tgt Ion:	163	Resp:	1203245
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	10.3	8.1	12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.339 ng

RT: 9.53 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BF113376.D

Acq: 28 Mar 2019 16:12

Instrument :

BNA_F

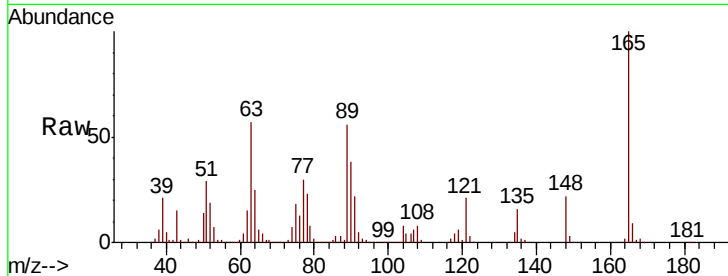
ClientSampleId :

PB118325BS

Tot Ion:	165	Resp:	269243
Ion Ratio	Lower	Upper	
165	100		
63	56.6	43.4	65.0
89	56.4	43.1	64.7

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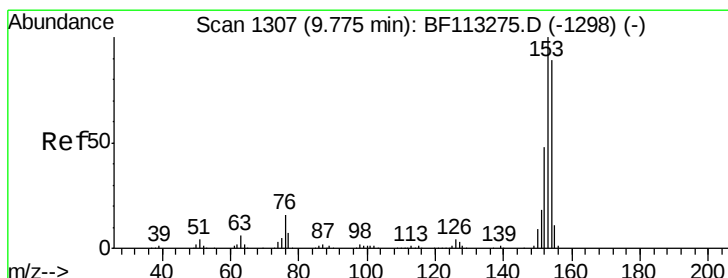
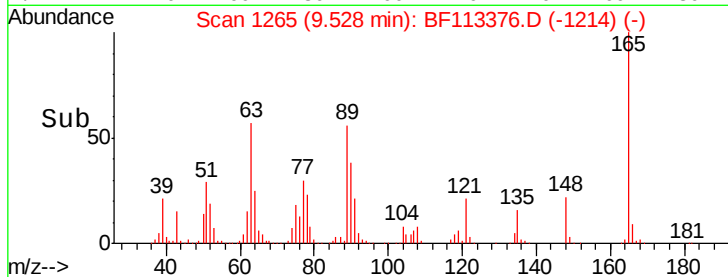
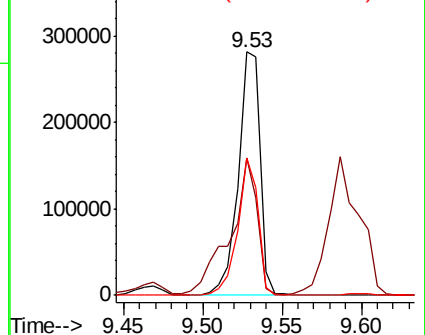
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3/29/2019 4:47:19 PM



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 40.679 ng

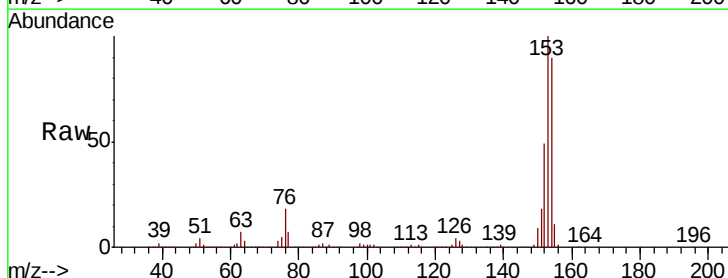
RT: 9.77 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF113376.D

Acq: 28 Mar 2019 16:12

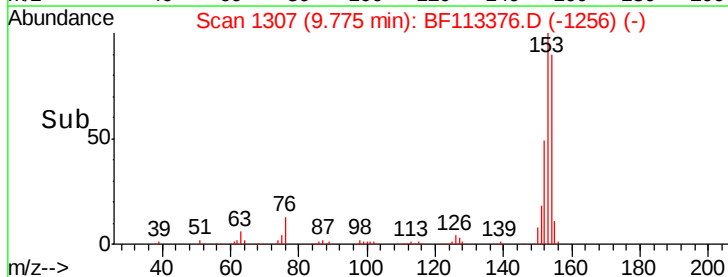
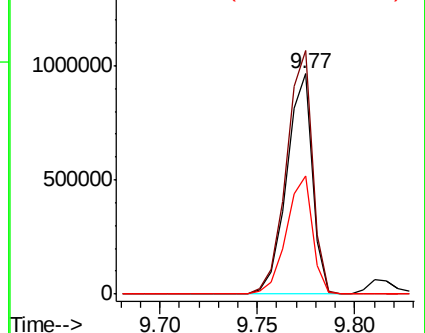
Tgt Ion:	154	Resp:	885097
Ion Ratio	Lower	Upper	
154	100		
153	110.6	89.5	134.3
152	53.7	43.3	64.9

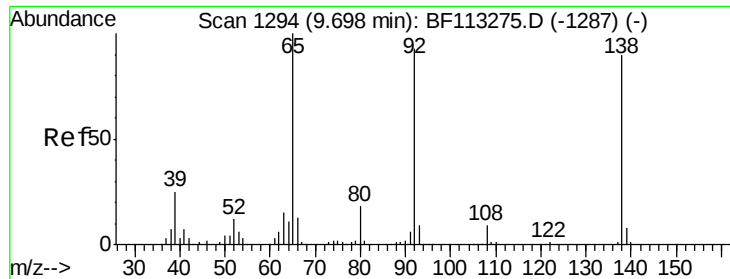


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





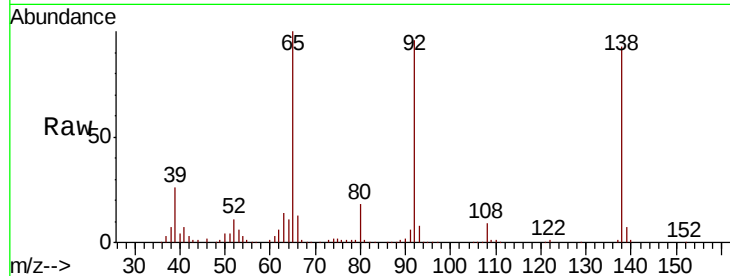
#53
3-Nitroaniline
Concen: 29.341 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF113376.D
Acq: 28 Mar 2019 16:12

Instrument :
BNA_F
ClientSampleId :
PB118325BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.2	7.8	11.6
92	102.5	82.6	124.0

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3/29/2019 4:47:19 PM

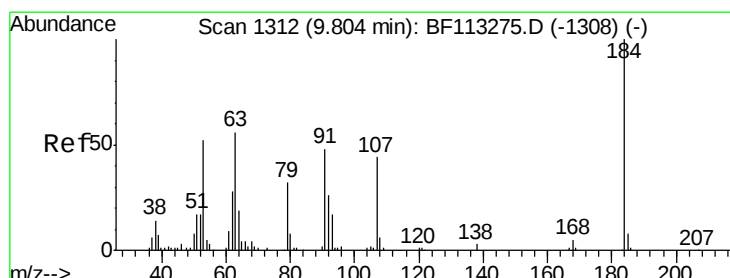
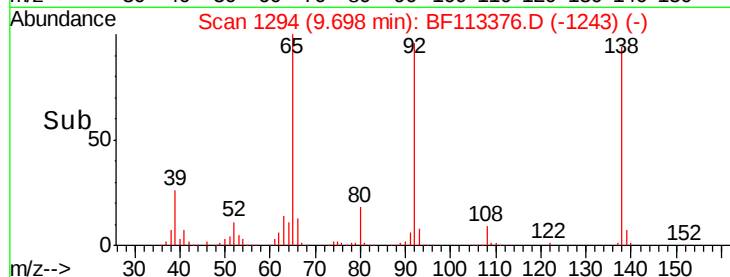
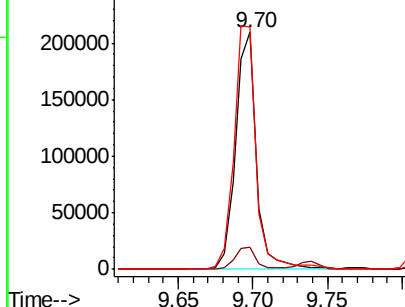


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 38.349 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF113376.D
Acq: 28 Mar 2019 16:12

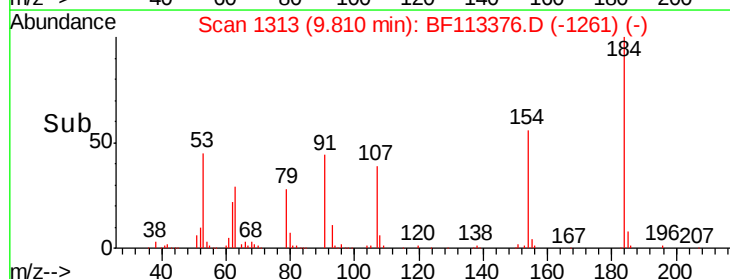
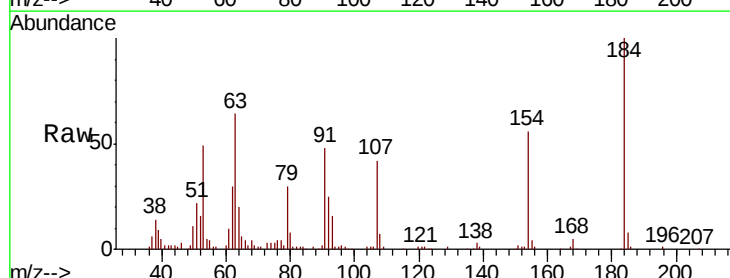
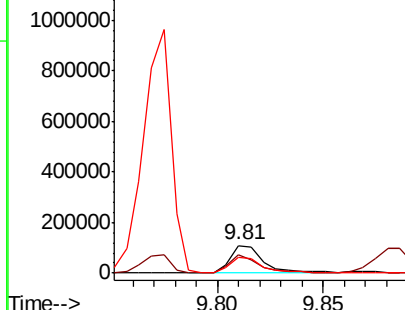
Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.5	54.3	81.5
154	56.2	48.4	72.6

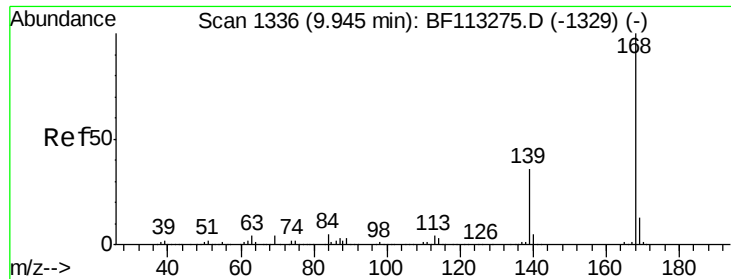
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





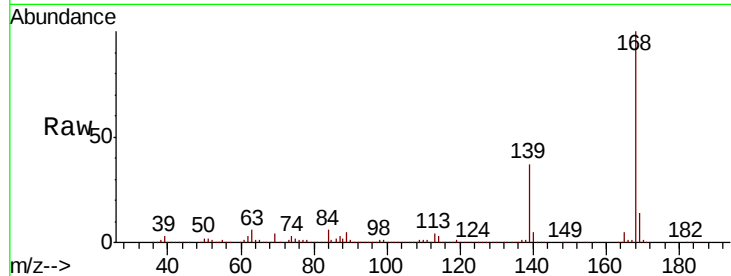
#55
Dibenzofuran
Concen: 40.588 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF113376.D
Acq: 28 Mar 2019 16:12

Instrument :
BNA_F
ClientSampleId :
PB118325BS

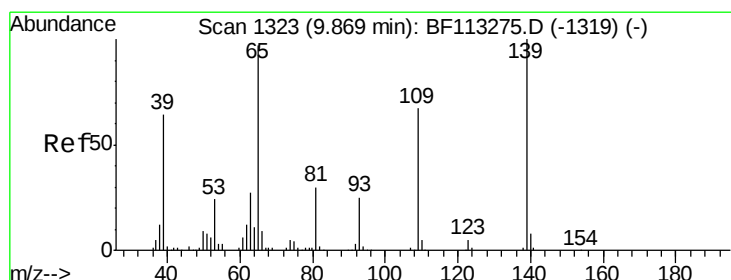
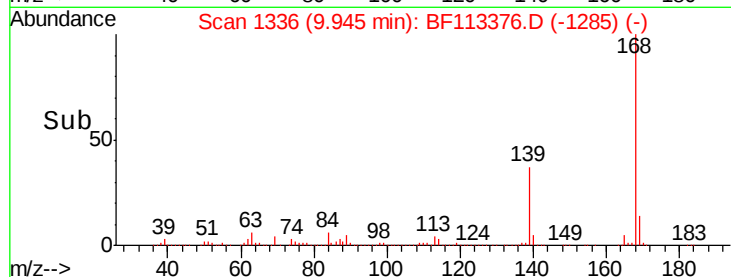
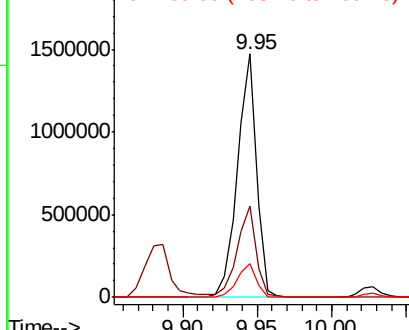
Tot Ion	Ratio	Lower	Upper
168	100		
139	37.3	29.7	44.5
169	13.6	10.7	16.1

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3/29/2019 4:47:19 PM

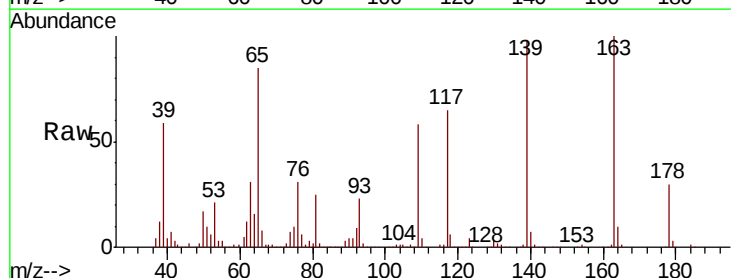


Abundance Ion 168.00 (167.70 to 168.70): E
2000000
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

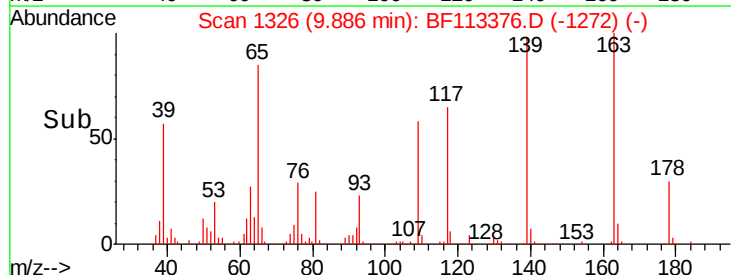
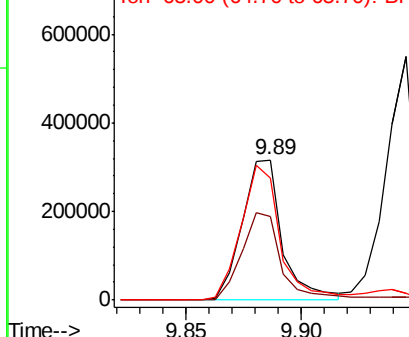


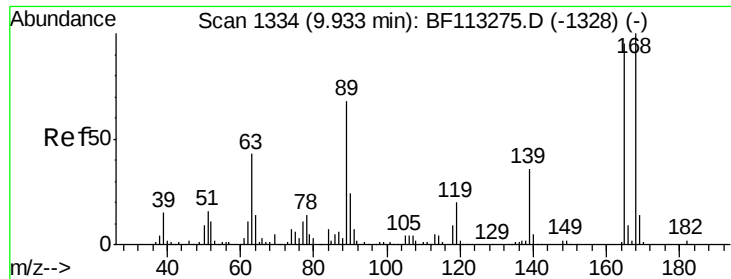
#56
4-Nitrophenol
Concen: 76.461 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.02 min
Lab File: BF113376.D
Acq: 28 Mar 2019 16:12

Tgt Ion	Ratio	Lower	Upper
139	100		
109	59.2	46.9	86.9
65	86.6	77.2	117.2



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





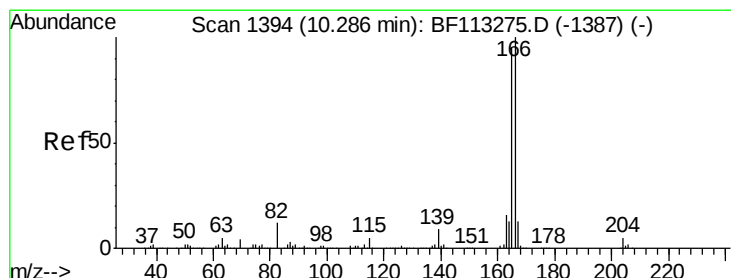
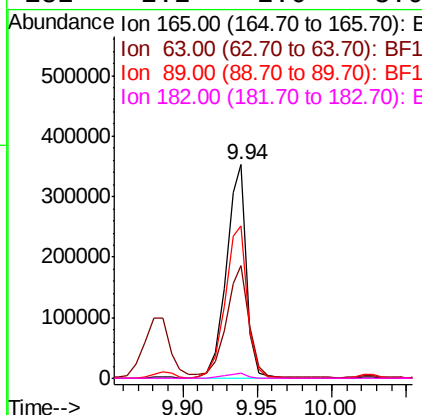
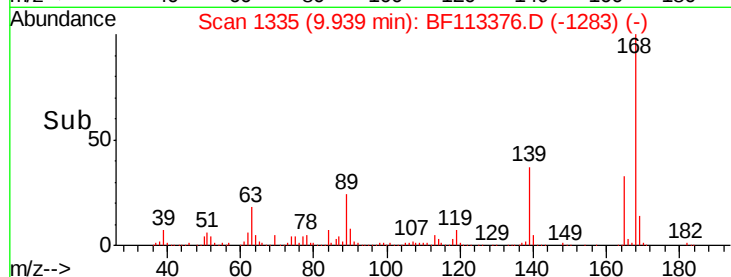
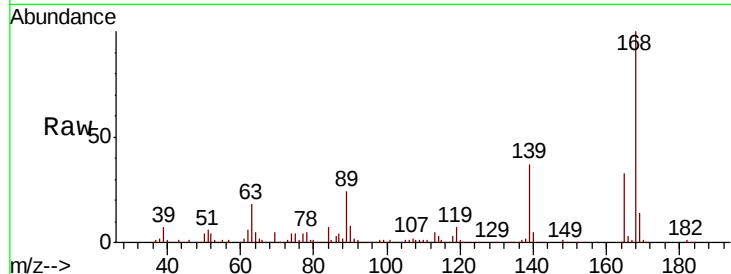
#57
2,4-Dinitrotoluene
Concen: 42.349 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF113376.D
Acq: 28 Mar 2019 16:12

Instrument :
BNA_F
ClientSampled :
PB118325BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	52.7	37.5	56.3	
89	71.4	57.4	86.2	
182	2.2	2.0	3.0	

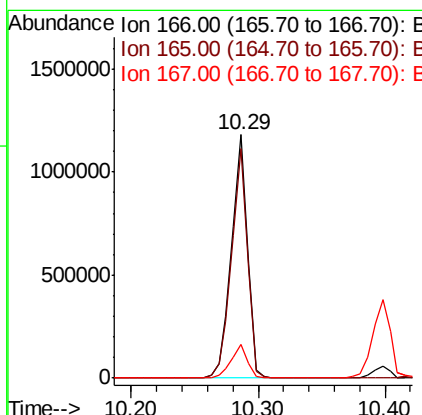
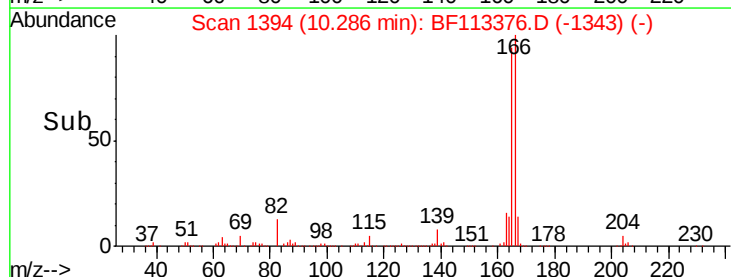
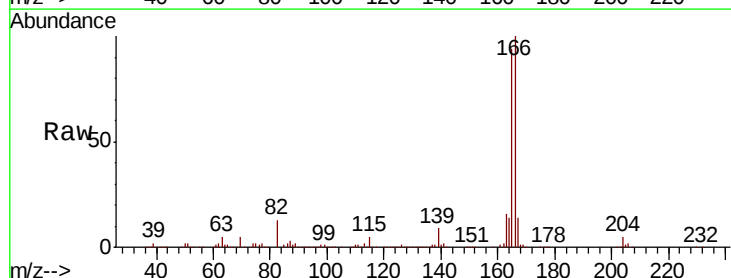
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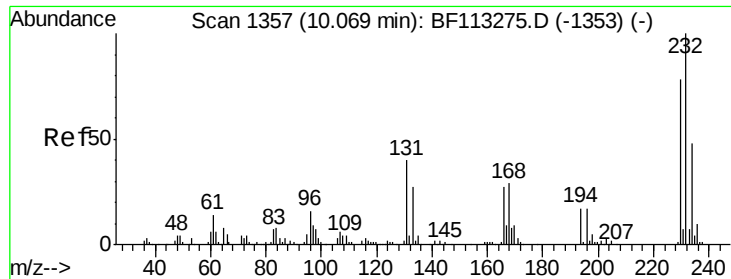
Sohil
3/29/2019 4:47:19 PM



#58
Fluorene
Concen: 40.611 ng
RT: 10.29 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BF113376.D
Acq: 28 Mar 2019 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	94.2	76.2	114.2	
167	13.7	10.7	16.1	





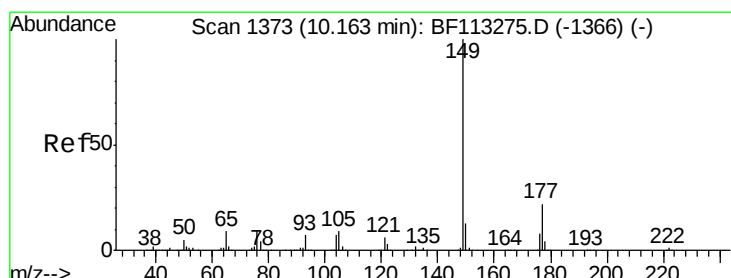
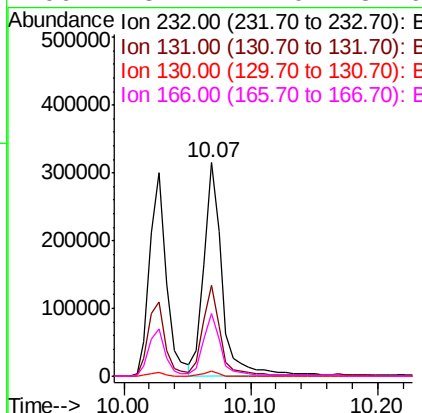
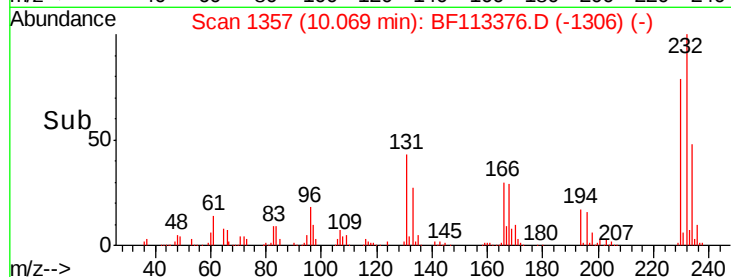
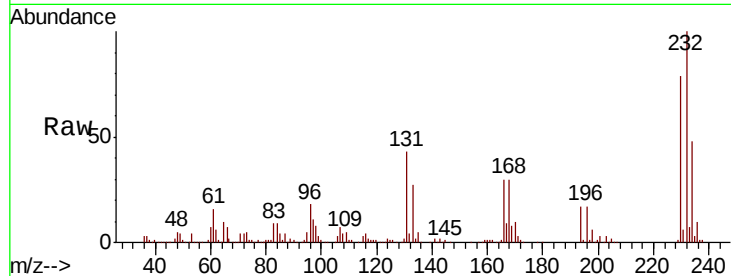
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.126 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: BF113376.D
 Acq: 28 Mar 2019 16:12

Instrument :
 BNA_F
 ClientSampleId :
 PB118325BS

Tot Ion:	232	Resp:	313497
Ion Ratio	Lower	Upper	
232	100		
131	42.0	33.2	49.8
130	2.0	1.6	2.4
166	28.1	21.0	31.6

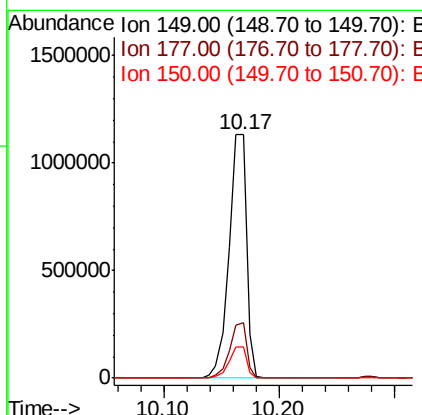
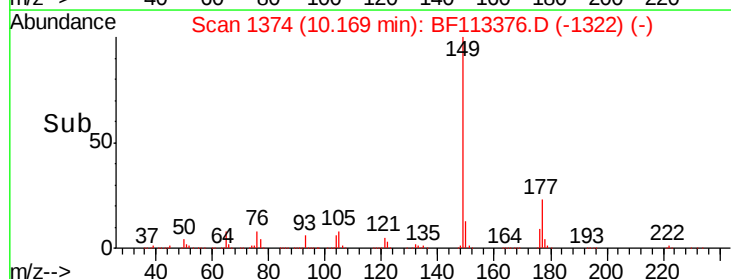
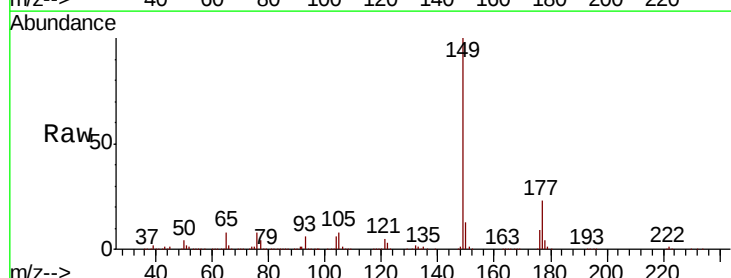
Manual Integrations
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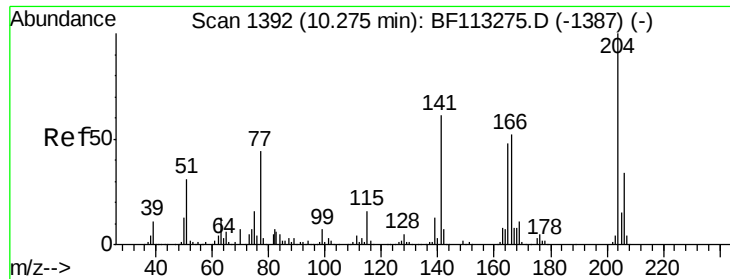
Sohil
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#60
 Diethylphthalate
 Concen: 44.056 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. 0.01 min
 Lab File: BF113376.D
 Acq: 28 Mar 2019 16:12

Tgt Ion:	149	Resp:	1190133
Ion Ratio	Lower	Upper	
149	100		
177	23.0	17.4	26.0
150	12.7	10.0	15.0





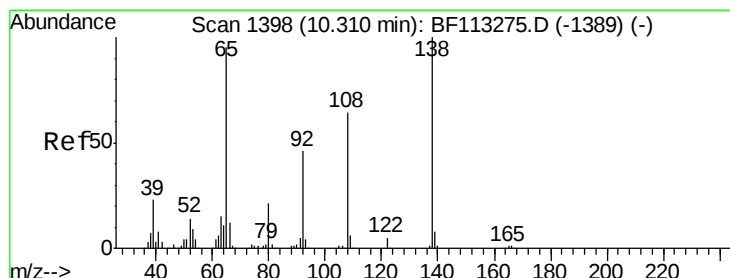
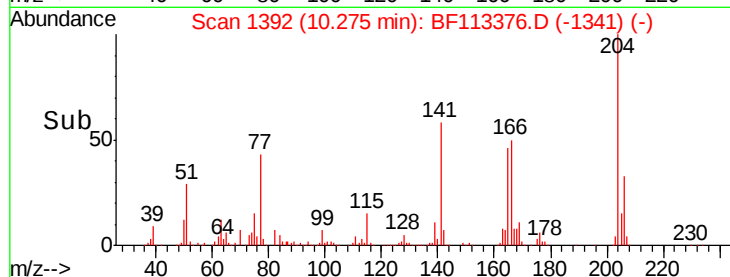
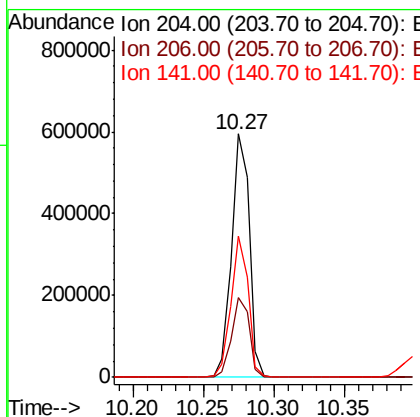
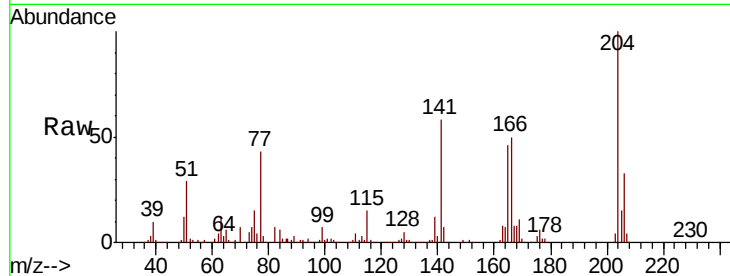
#61
4-Chlorophenyl-phenylether
Concen: 42.205 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF113376.D
Acq: 28 Mar 2019 16:12

Instrument :
BNA_F
ClientSampled :
PB118325BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.9	40.3
141	57.8	48.8	73.2

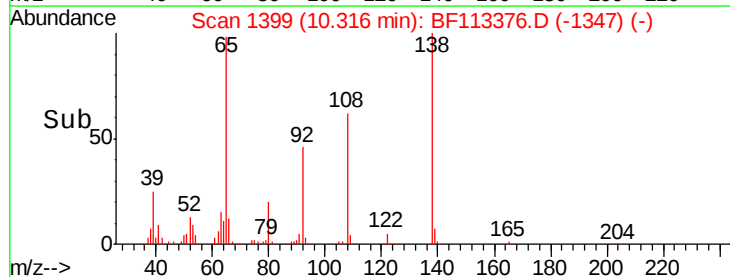
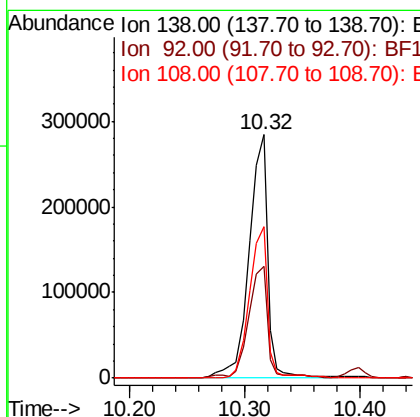
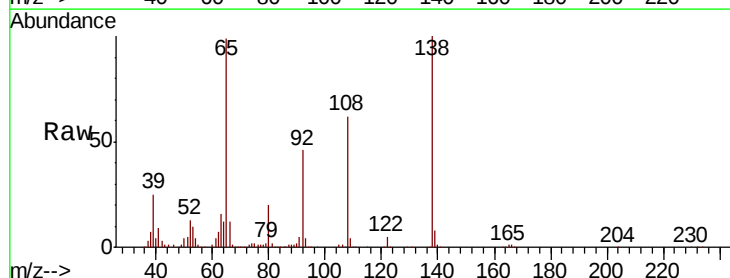
Manual Integrations
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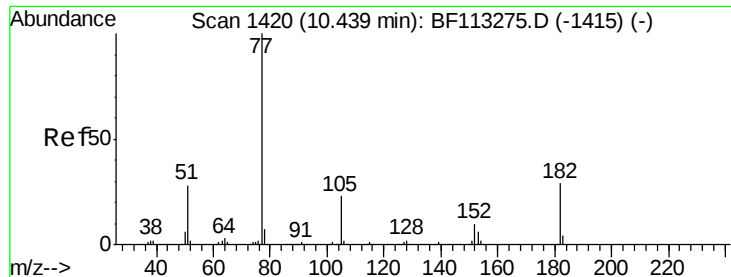
Sohil
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#62
4-Nitroaniline
Concen: 44.375 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF113376.D
Acq: 28 Mar 2019 16:12

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.1	25.8	65.8
108	62.1	44.0	84.0





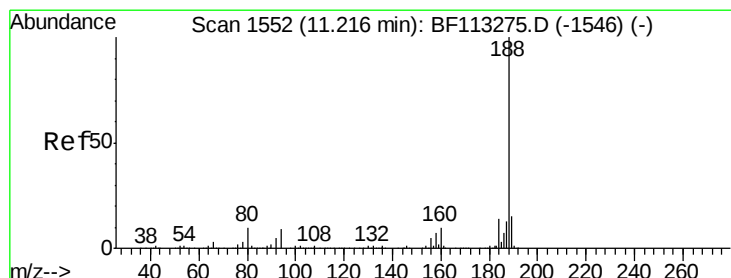
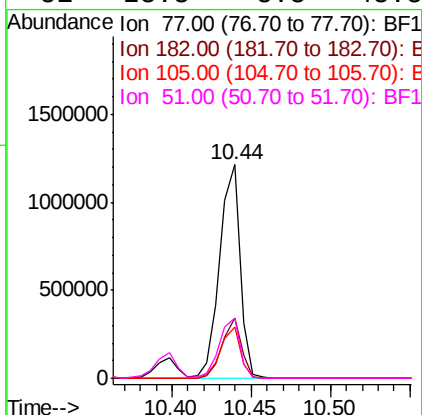
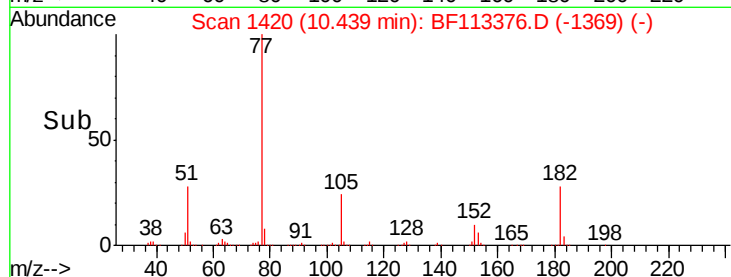
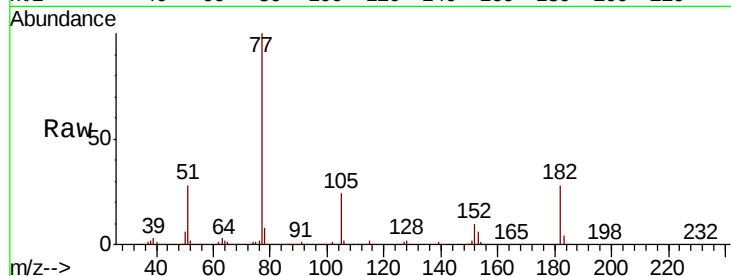
#63
Azobenzene
Concen: 42.772 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF113376.D
Acq: 28 Mar 2019 16:12

Instrument :
BNA_F
ClientSampleId :
PB118325BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.9	8.7	48.7
105	23.7	2.9	42.9
51	28.3	8.8	48.8

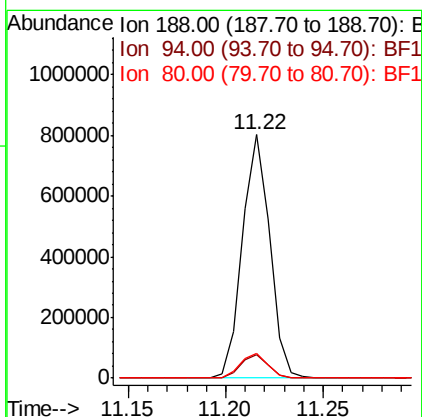
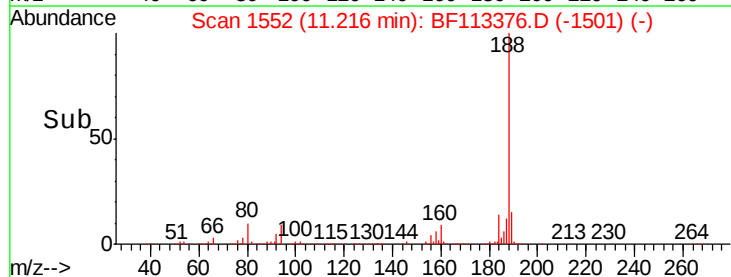
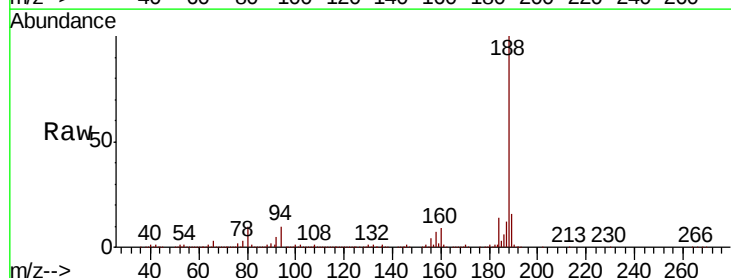
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF113376.D
Acq: 28 Mar 2019 16:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.0	10.6
80	10.2	7.7	11.5





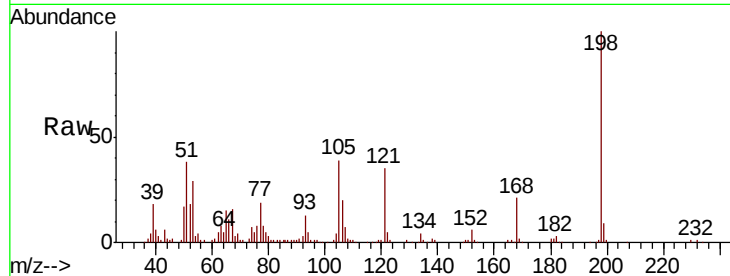
#65
4,6-Dinitro-2-methylphenol
Concen: 29.478 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.01 min
Lab File: BF113376.D
Acq: 28 Mar 2019 16:12

Instrument :
BNA_F
ClientSampleId :
PB118325BS

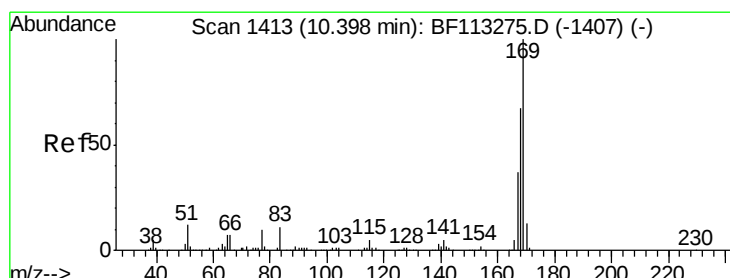
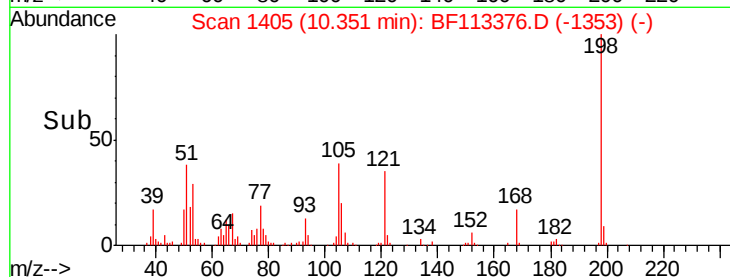
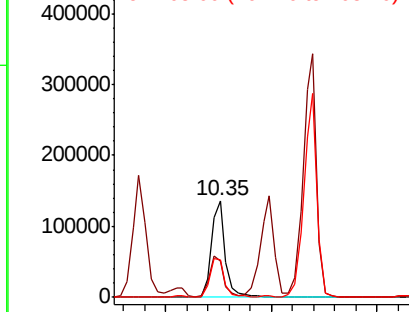
Tot Ion	Ratio	Resp	Lower	Upper
198	100	126021		
51	37.7	21.6	61.6	
105	38.9	20.6	60.6	

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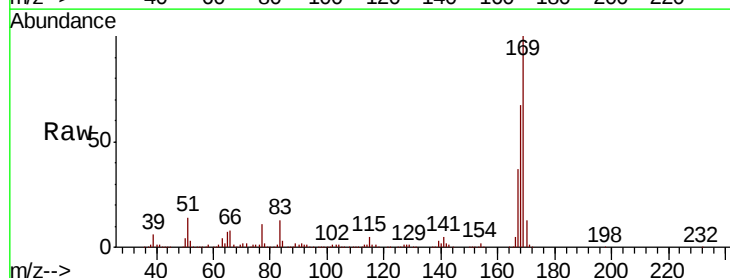


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

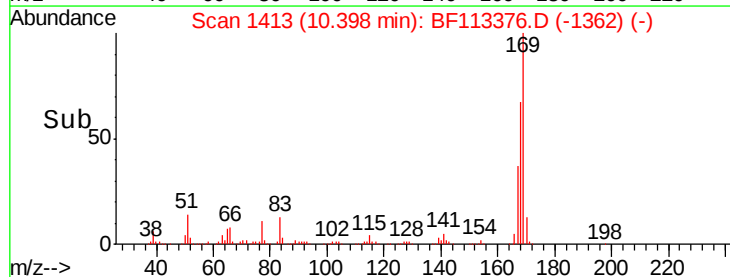
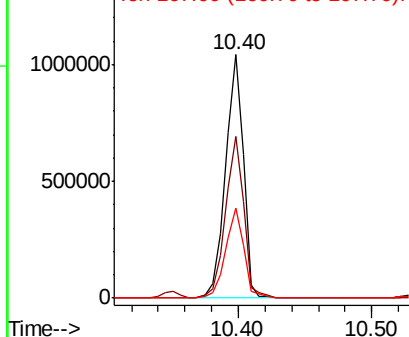


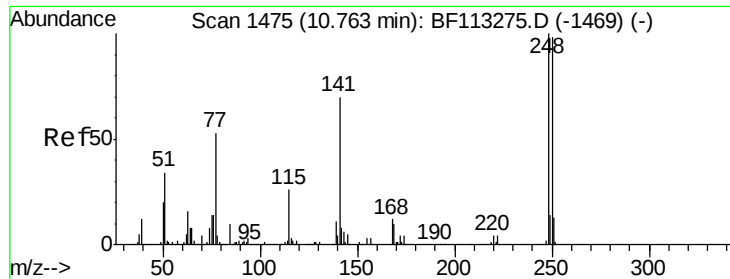
#66
n-Nitrosodiphenylamine
Concen: 41.112 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF113376.D
Acq: 28 Mar 2019 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	985882		
168	66.6	53.7	80.5	
167	36.7	29.5	44.3	



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





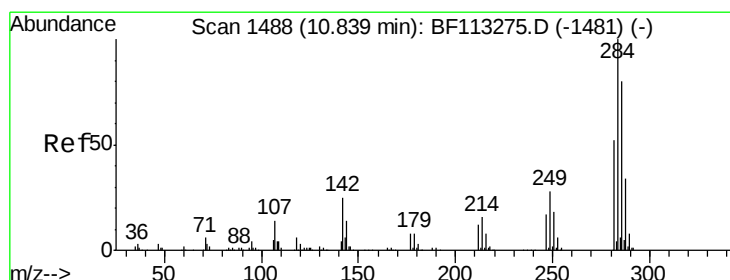
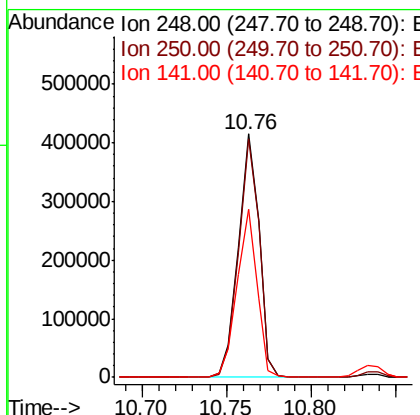
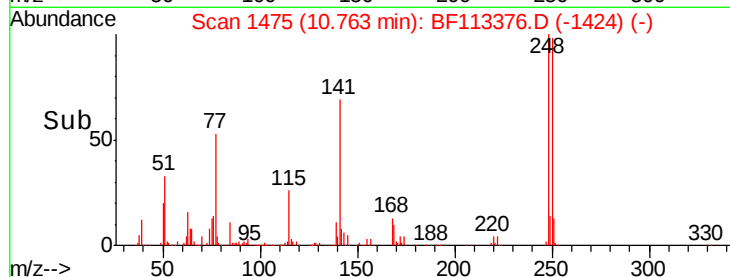
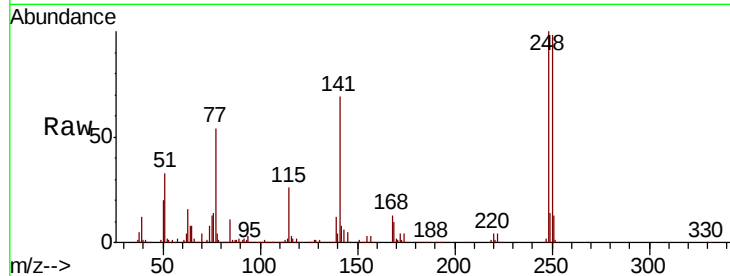
#67
4-Bromophenyl-phenylether
Concen: 41.689 ng
RT: 10.76 min Scan# 1475
Delta R.T. 0.00 min
Lab File: BF113376.D
Acq: 28 Mar 2019 16:12

Instrument :
BNA_F
ClientSampled :
PB118325BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.9	78.3	117.5
141	69.2	56.2	84.4

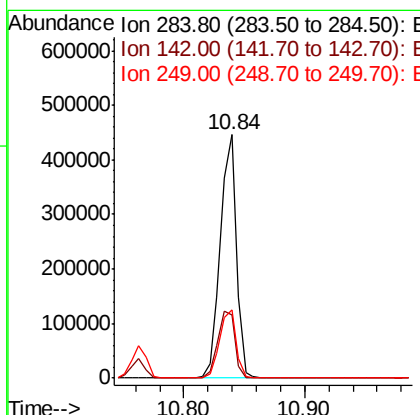
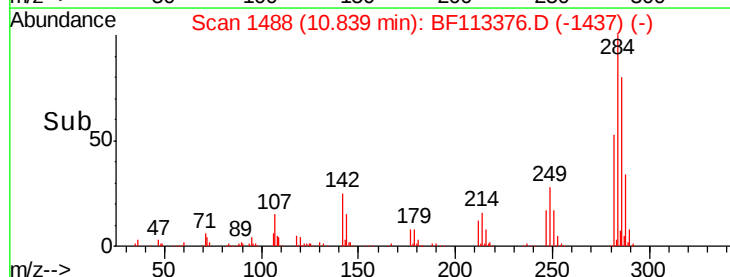
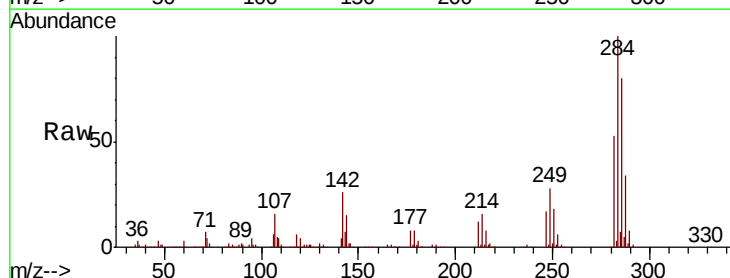
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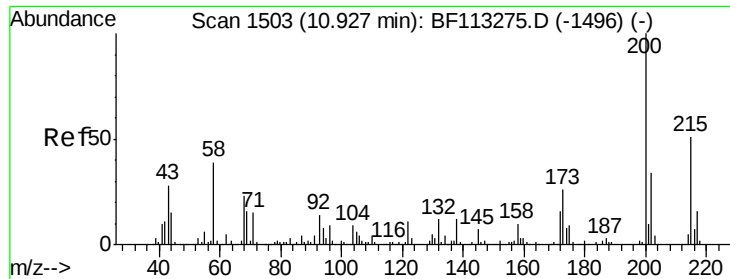
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#68
Hexachlorobenzene
Concen: 41.452 ng
RT: 10.84 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BF113376.D
Acq: 28 Mar 2019 16:12

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.7	20.1	30.1
249	28.0	22.7	34.1





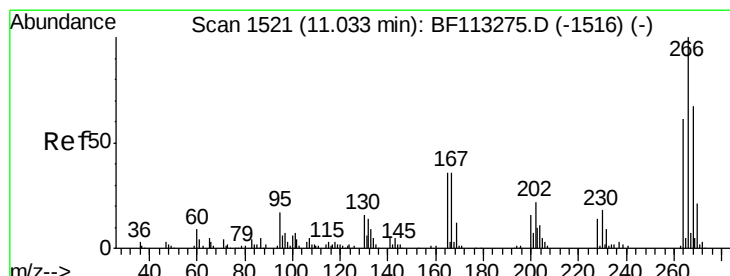
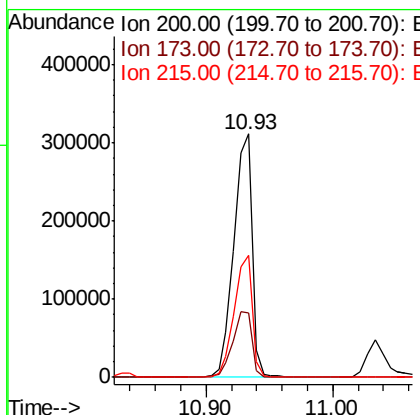
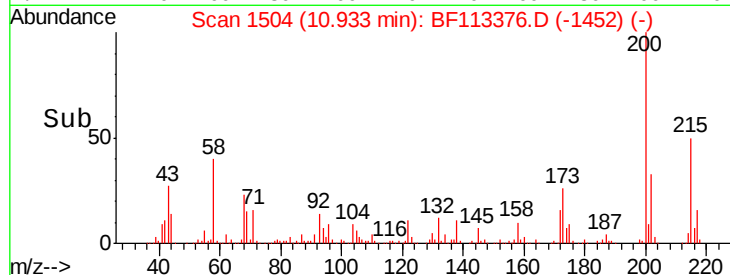
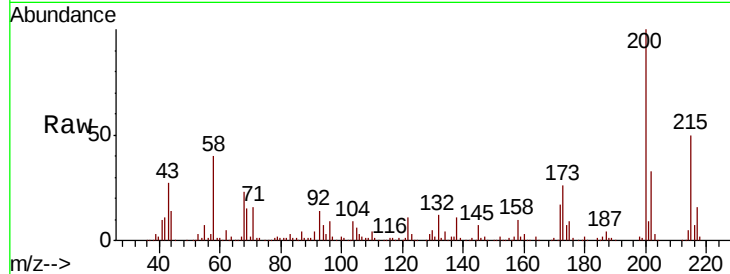
#69
 Atrazine
 Concen: 40.810 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. 0.01 min
 Lab File: BF113376.D
 Acq: 28 Mar 2019 16:12

Instrument :
 BNA_F
 ClientSampleId :
 PB118325BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	308899		
173	26.3	6.0	46.0	
215	50.0	31.3	71.3	

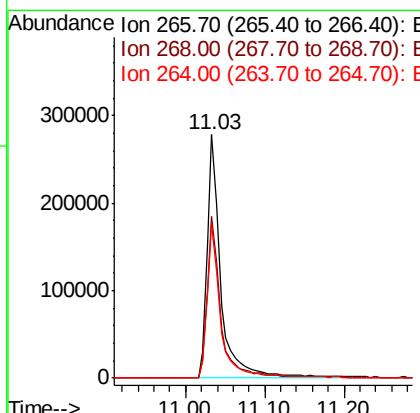
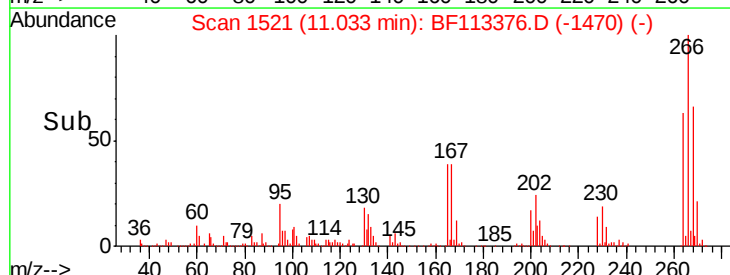
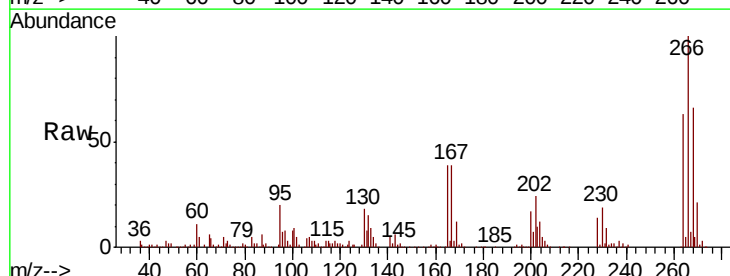
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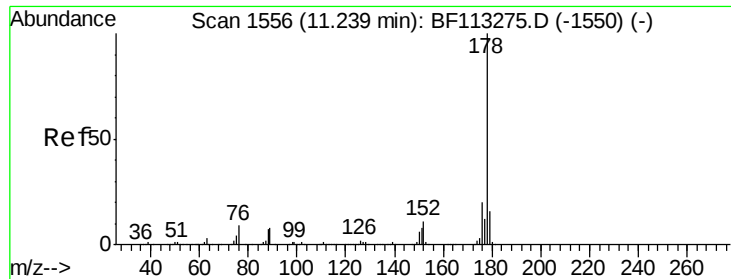
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#70
 Pentachlorophenol
 Concen: 65.667 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.00 min
 Lab File: BF113376.D
 Acq: 28 Mar 2019 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	338254		
268	66.3	53.8	80.6	
264	63.1	49.2	73.8	





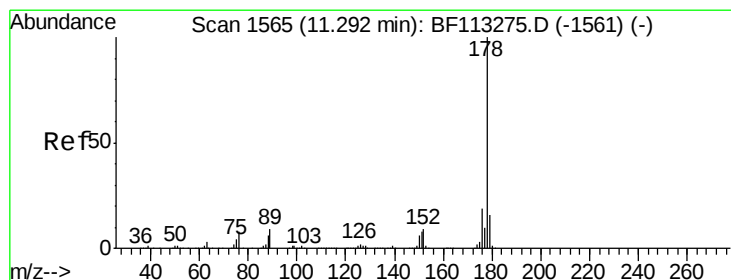
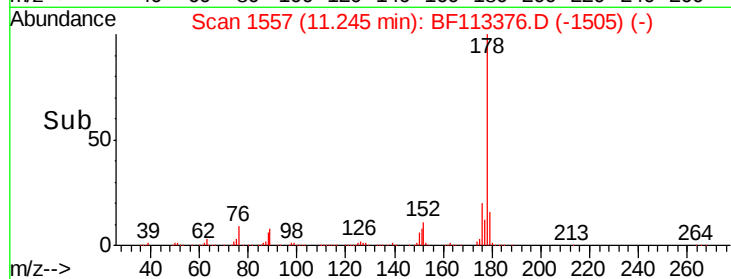
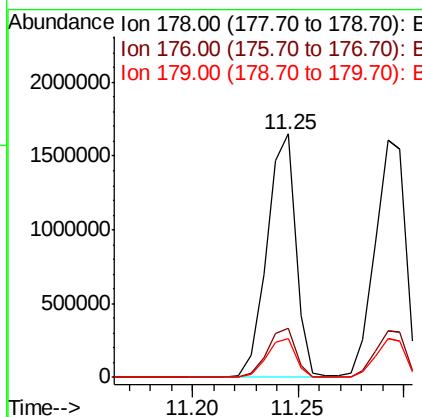
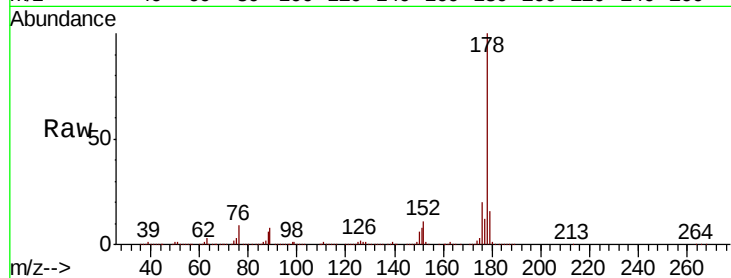
#71
Phenanthrene
Concen: 40.475 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.01 min
Lab File: BF113376.D
Acq: 28 Mar 2019 16:12

Instrument :
BNA_F
ClientSampleId :
PB118325BS

Tot Ion:178 Resp: 1570790
Ion Ratio Lower Upper
178 100
176 20.3 16.2 24.2
179 15.9 12.7 19.1

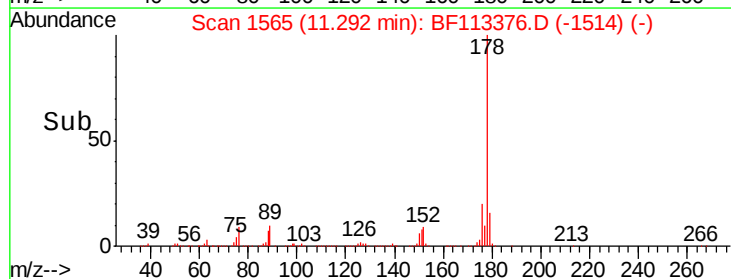
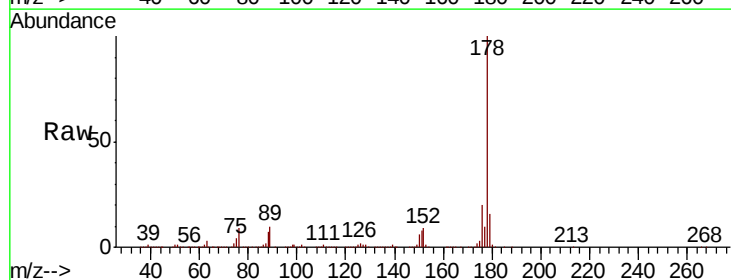
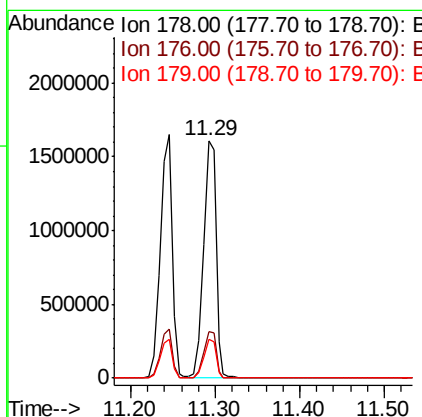
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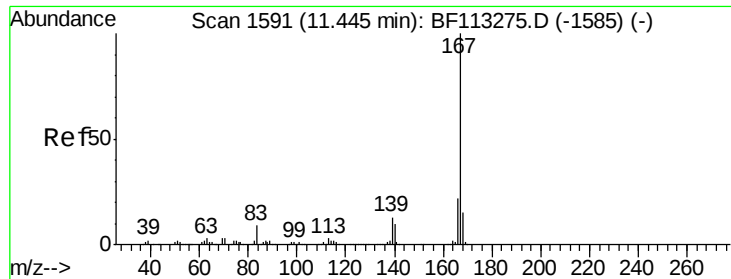
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#72
Anthracene
Concen: 41.954 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.00 min
Lab File: BF113376.D
Acq: 28 Mar 2019 16:12

Tgt Ion:178 Resp: 1653835
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.2
179 16.4 12.8 19.2





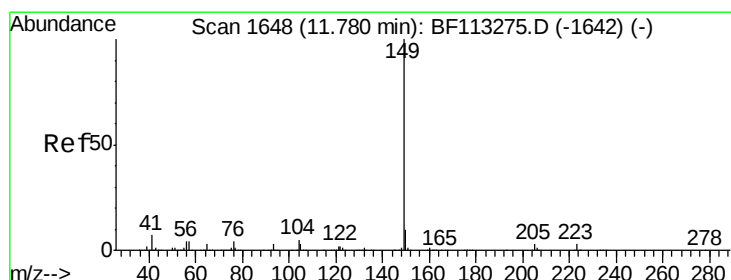
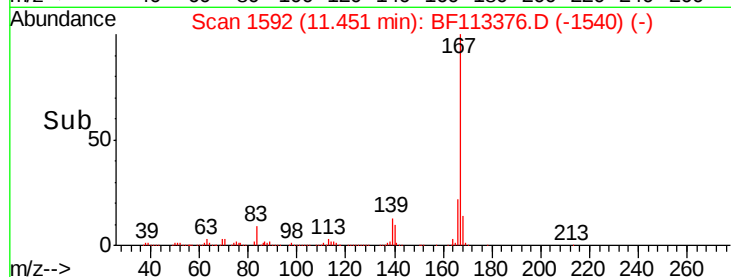
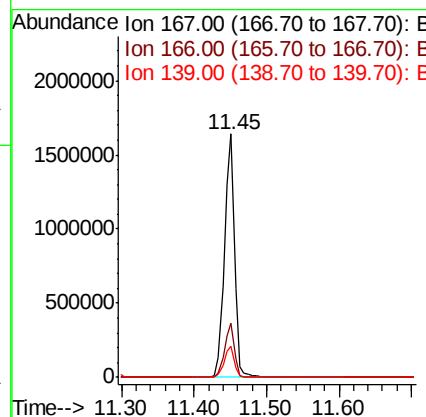
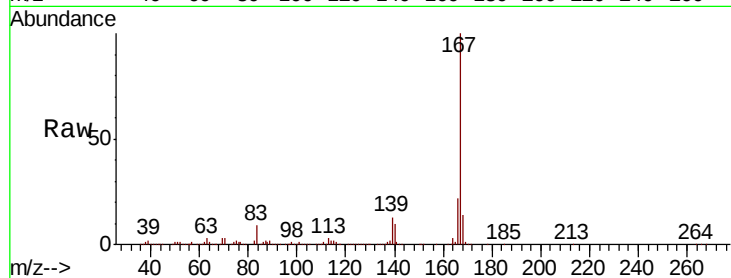
#73
 Carbazole
 Concen: 41.936 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. 0.01 min
 Lab File: BF113376.D
 Acq: 28 Mar 2019 16:12

Instrument :
 BNA_F
 ClientSampleId :
 PB118325BS

Tot Ion:167 Resp: 1577443
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.0
 139 13.0 10.4 15.6

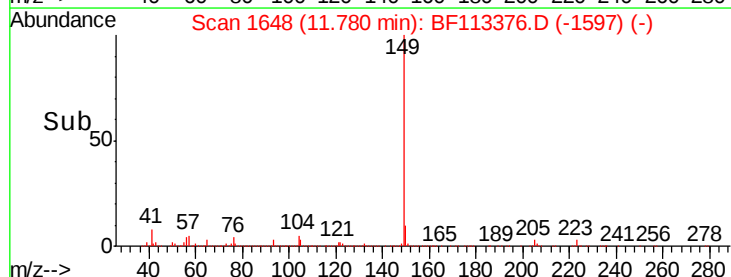
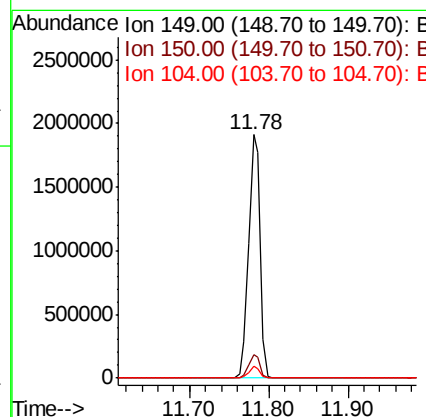
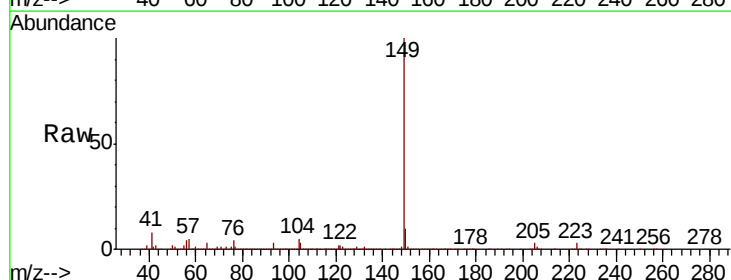
Manual Integrations
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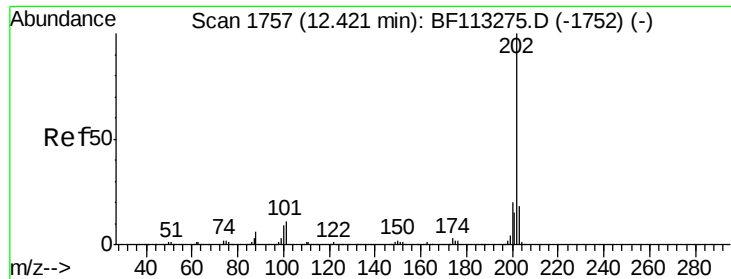
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#74
 Di-n-butylphthalate
 Concen: 43.733 ng
 RT: 11.78 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: BF113376.D
 Acq: 28 Mar 2019 16:12

Tgt Ion:149 Resp: 1907624
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.7 11.5
 104 4.8 3.7 5.5





#75

Fluoranthene

Concen: 40.729 ng

RT: 12.43 min Scan# 1758

Delta R.T. 0.01 min

Lab File: BF113376.D

Acq: 28 Mar 2019 16:12

Instrument :

BNA_F

ClientSampled :

PB118325BS

Tot Ion:202 Resp: 1786929

Ion Ratio Lower Upper

202 100

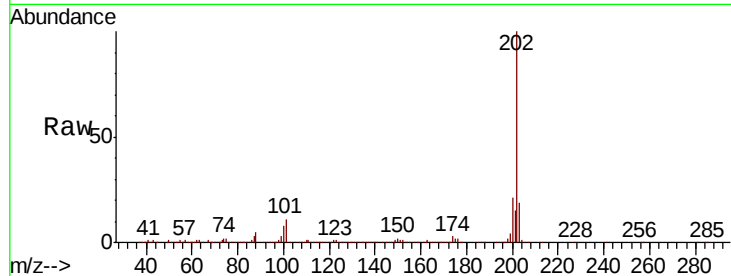
101 11.1 0.0 31.4

203 18.5 0.0 38.0

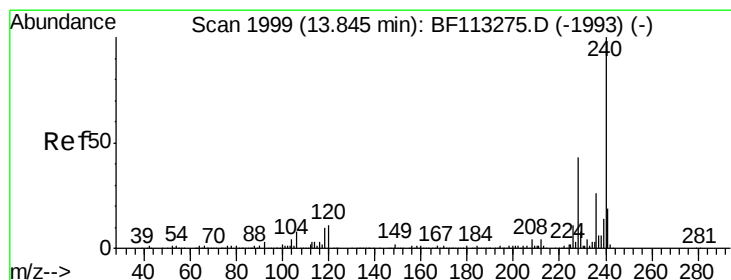
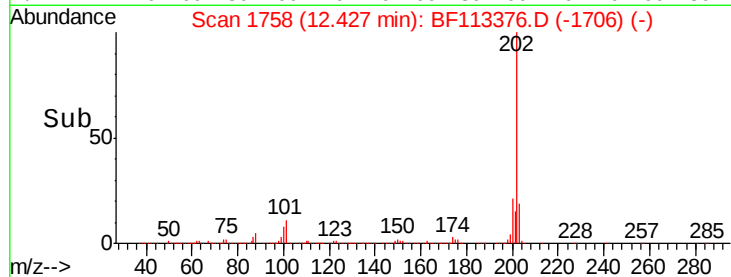
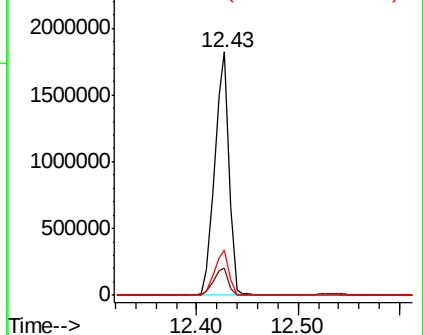
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 2000

Delta R.T. 0.01 min

Lab File: BF113376.D

Acq: 28 Mar 2019 16:12

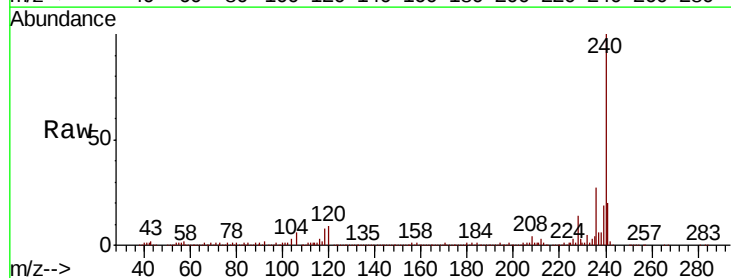
Tgt Ion:240 Resp: 617057

Ion Ratio Lower Upper

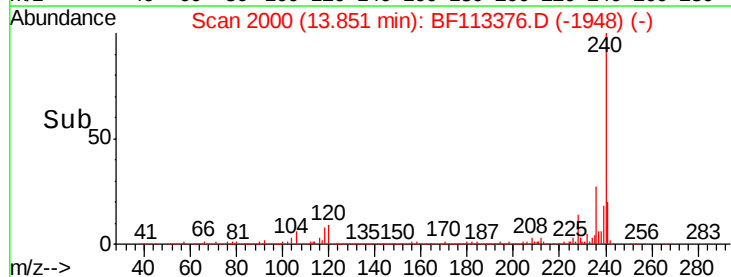
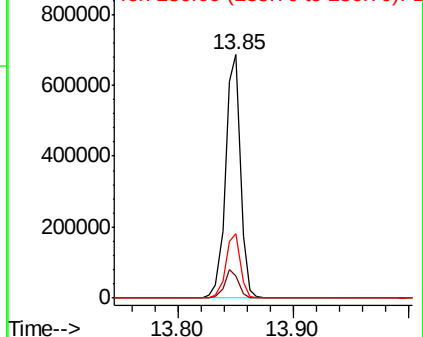
240 100

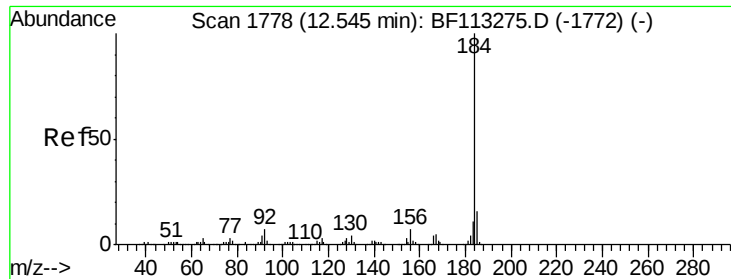
120 9.3 8.8 13.2

236 26.6 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 22.822 ng

RT: 12.55 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF113376.D

Acq: 28 Mar 2019 16:12

Instrument :

BNA_F

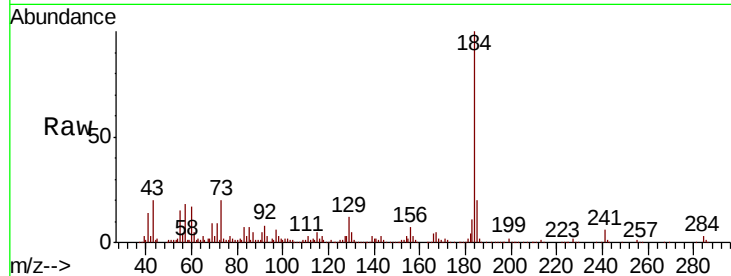
ClientSampleId :

PB118325BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	20.0	13.0	19.6#
183	10.9	9.0	13.4

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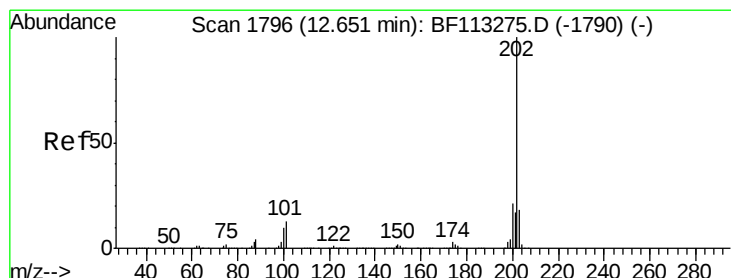
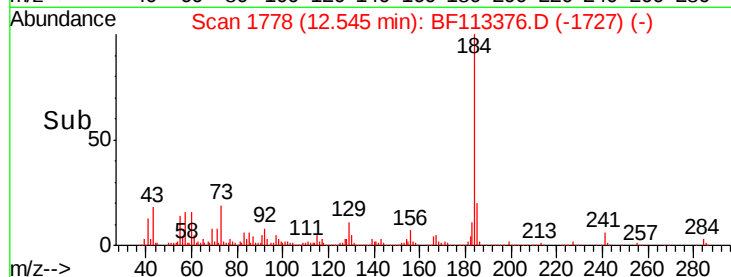
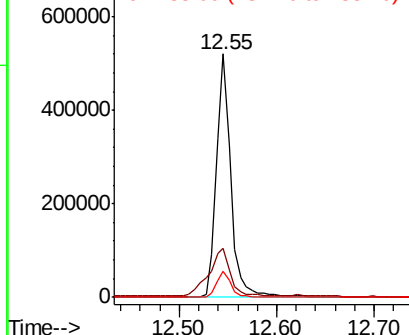


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.749 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BF113376.D

Acq: 28 Mar 2019 16:12

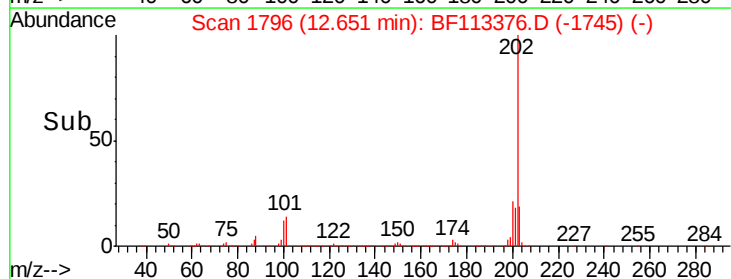
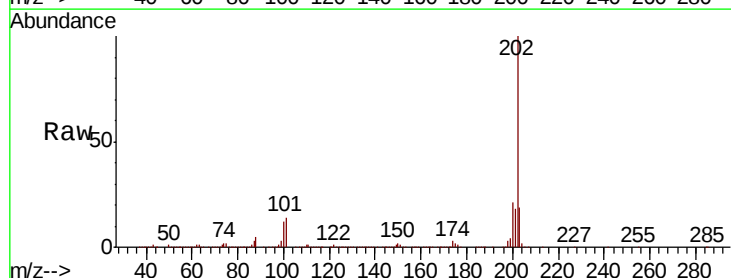
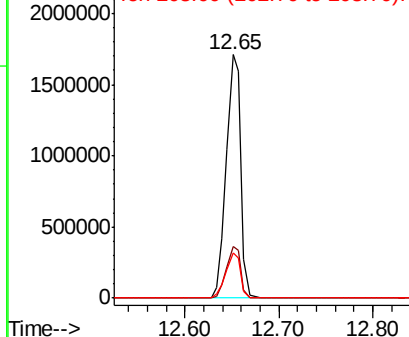
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.8	25.2
203	18.7	14.4	21.6

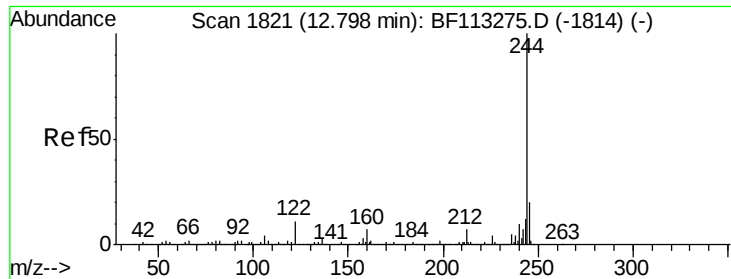
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.152 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF113376.D

Acq: 28 Mar 2019 16:12

Instrument :

BNA_F

ClientSampled :

PB118325BS

Tot Ion:244 Resp: 2383819

Ion Ratio Lower Upper

244 100

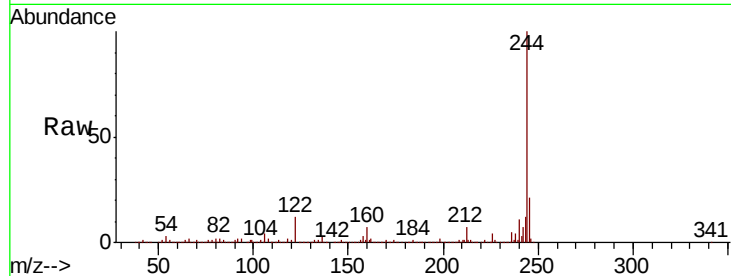
212 7.0 5.5 8.3

122 11.6 8.6 13.0

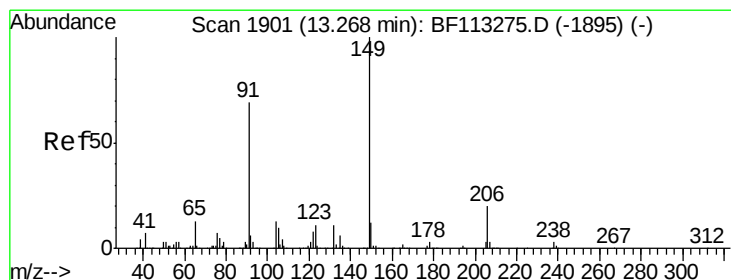
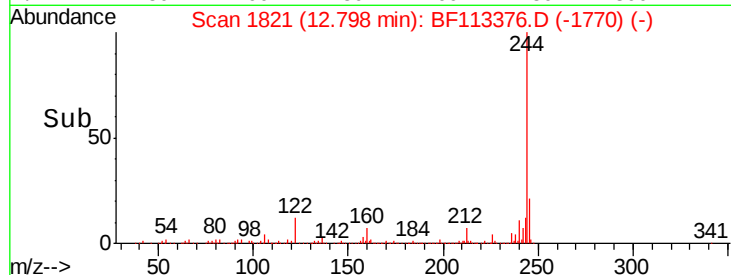
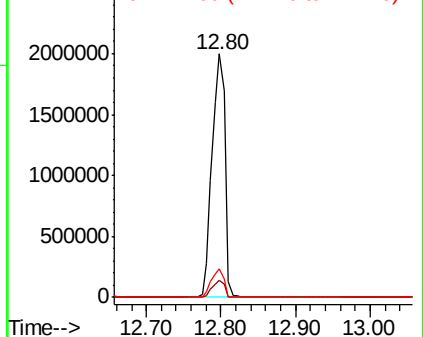
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.879 ng

RT: 13.27 min Scan# 1901

Delta R.T. 0.00 min

Lab File: BF113376.D

Acq: 28 Mar 2019 16:12

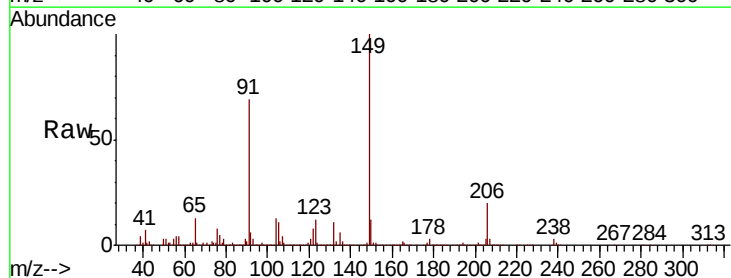
Tgt Ion:149 Resp: 864575

Ion Ratio Lower Upper

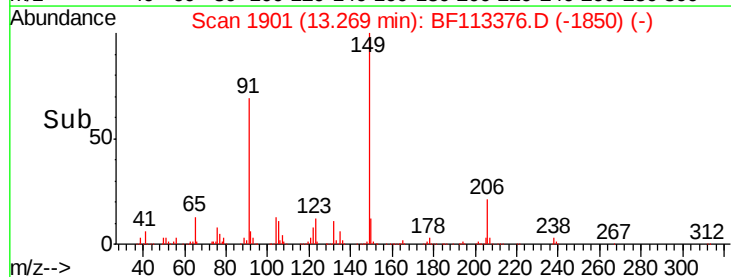
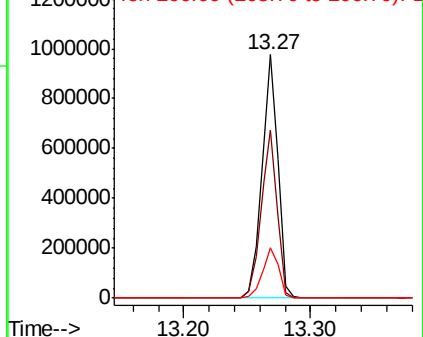
149 100

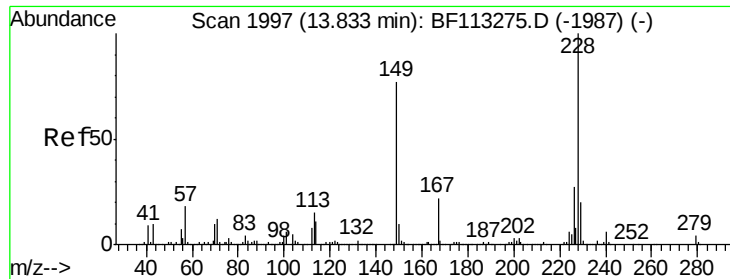
91 68.9 55.2 82.8

206 20.5 16.1 24.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.267 ng

RT: 13.84 min Scan# 1998

Delta R.T. 0.01 min

Lab File: BF113376.D

Acq: 28 Mar 2019 16:12

Instrument :

BNA_F

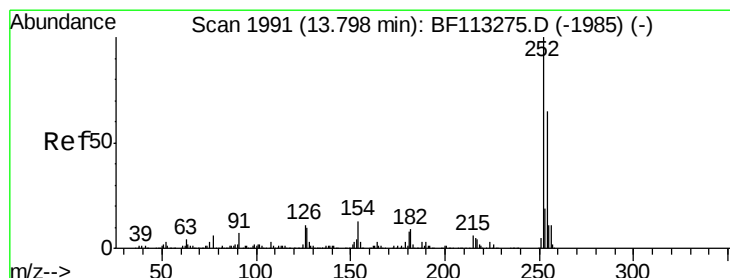
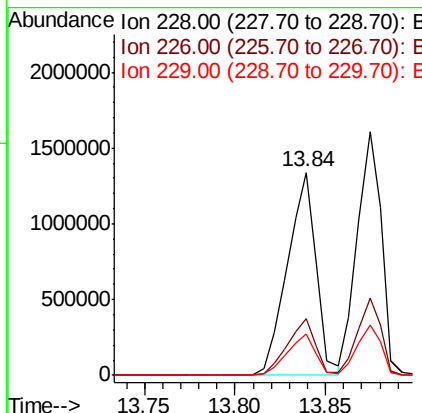
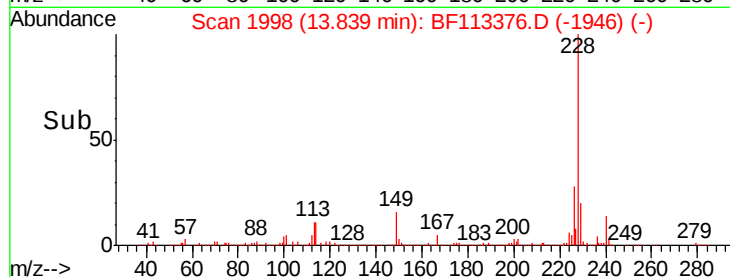
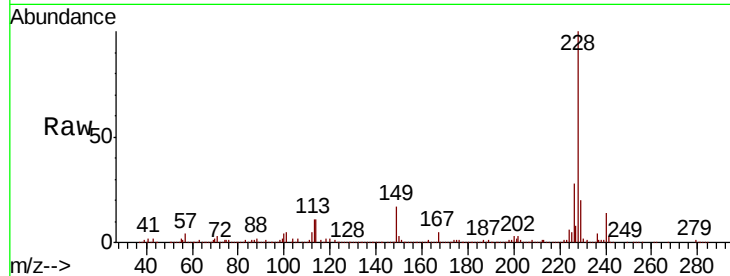
ClientSampleId :

PB118325BS

Tot Ion:	228	Resp:	1492941
Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.8	32.8
229	20.4	16.2	24.4

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 22.076 ng

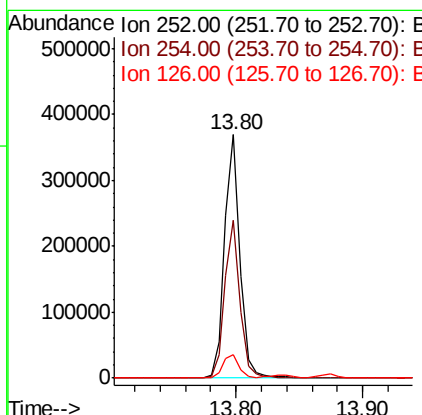
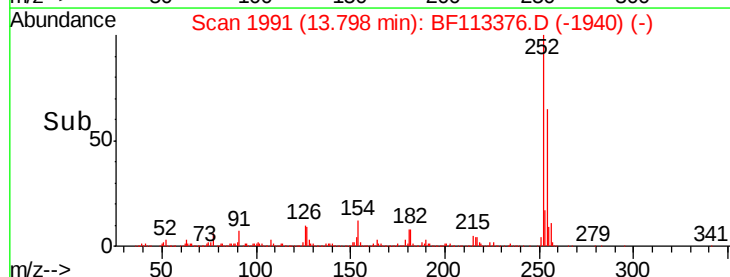
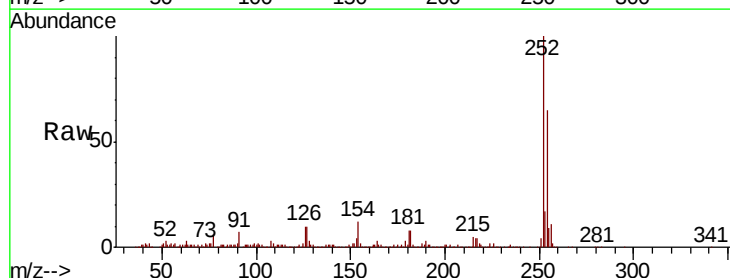
RT: 13.80 min Scan# 1991

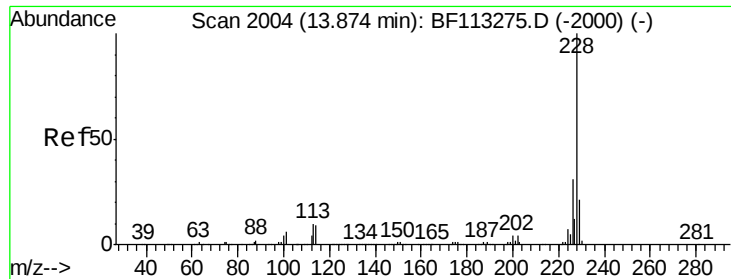
Delta R.T. 0.00 min

Lab File: BF113376.D

Acq: 28 Mar 2019 16:12

Tgt Ion:	252	Resp:	312814
Ion	Ratio	Lower	Upper
252	100		
254	64.7	52.2	78.2
126	9.8	8.5	12.7





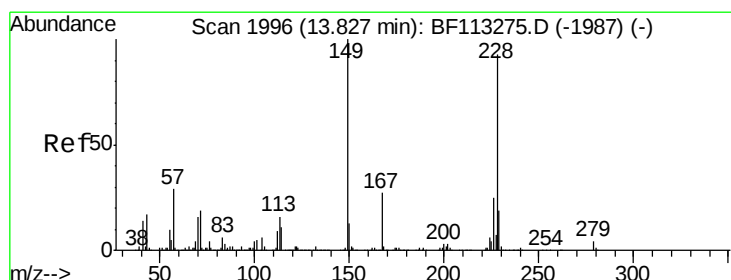
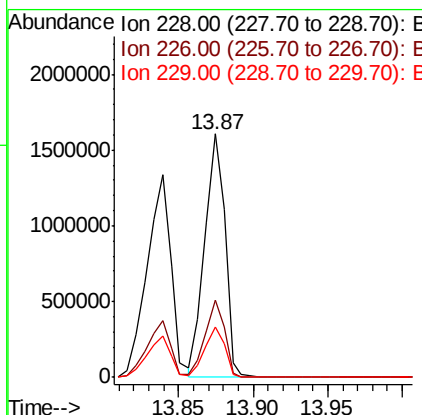
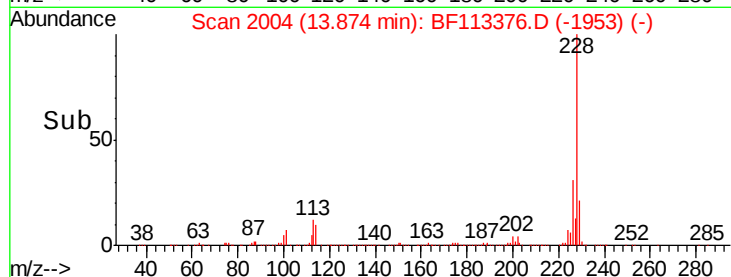
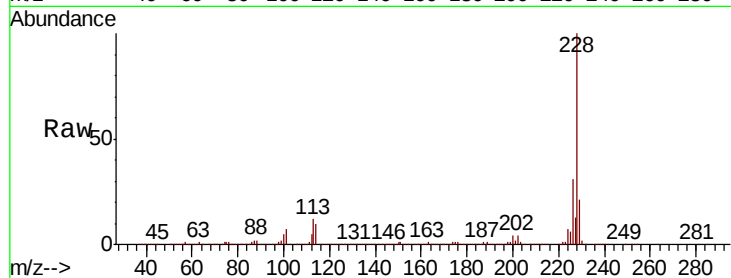
#83
 Chrvsene
 Concen: 41.841 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. 0.00 min
 Lab File: BF113376.D
 Acq: 28 Mar 2019 16:12

Instrument :
 BNA_F
 ClientSampleId :
 PB118325BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.3	36.5
229	20.8	16.3	24.5

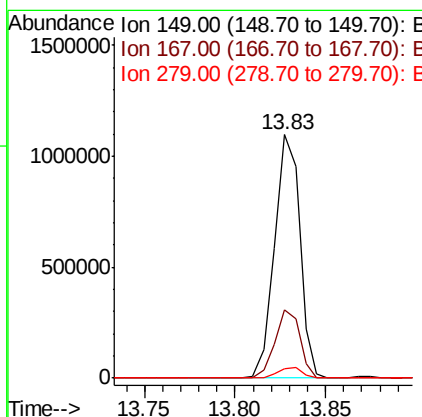
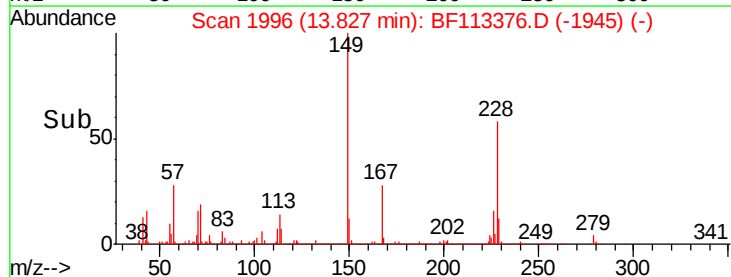
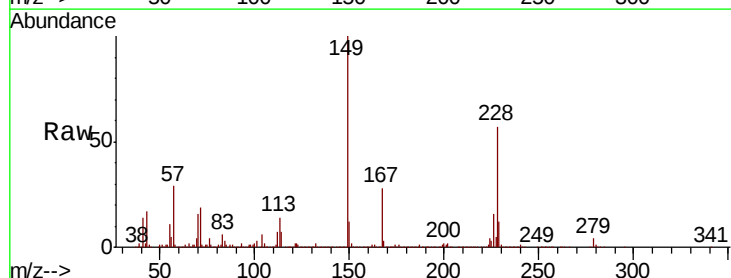
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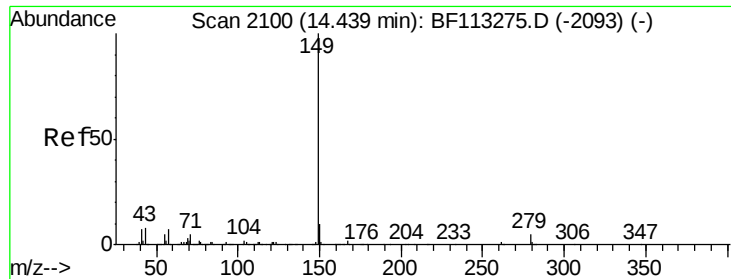
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.054 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. 0.00 min
 Lab File: BF113376.D
 Acq: 28 Mar 2019 16:12

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	21.8	32.8
279	3.9	2.9	4.3





#85

Di-n-octyl phthalate

Concen: 48.396 ng

RT: 14.44 min Scan# 2100

Delta R.T. 0.00 min

Lab File: BF113376.D

Acq: 28 Mar 2019 16:12

Instrument :

BNA_F

ClientSampleId :

PB118325BS

Tot Ion:149 Resp: 1897791

Ion Ratio Lower Upper

149 100

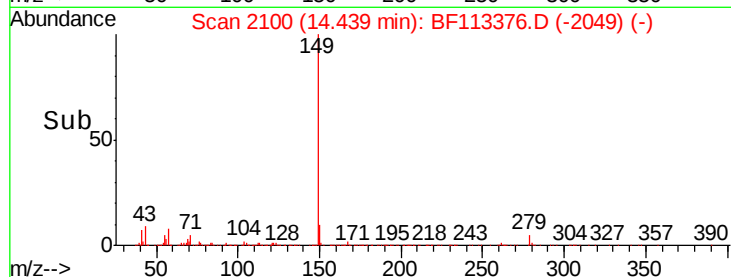
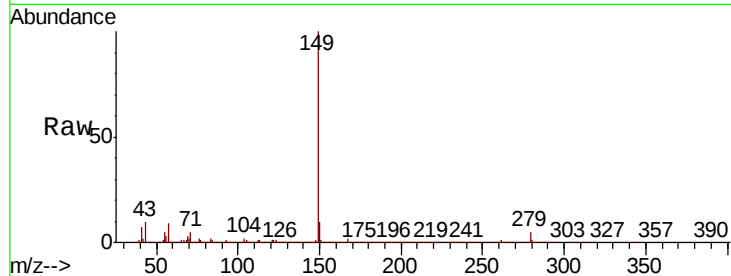
167 1.7 1.3 1.9

43 9.5 7.7 11.5

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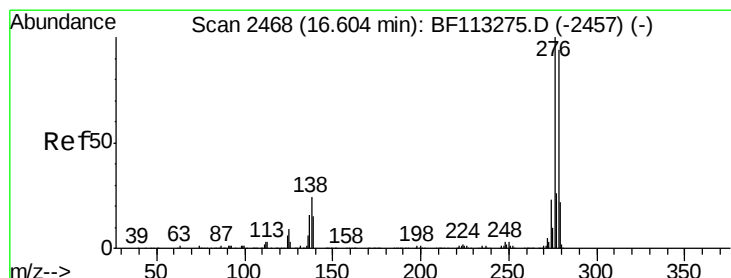
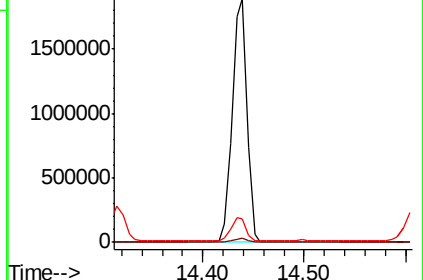
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.403 ng

RT: 16.61 min Scan# 2469

Delta R.T. 0.01 min

Lab File: BF113376.D

Acq: 28 Mar 2019 16:12

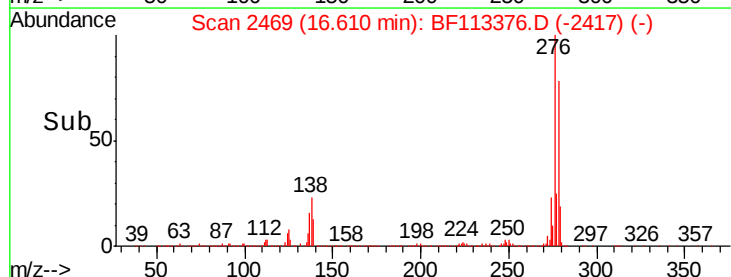
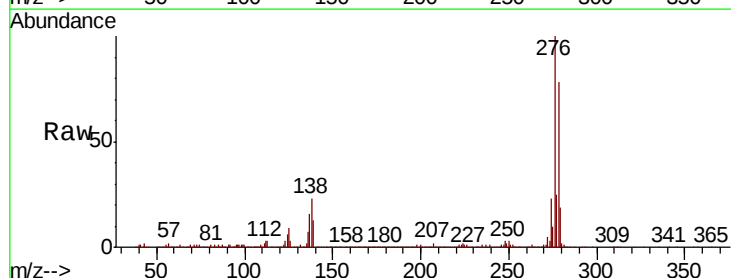
Tgt Ion:276 Resp: 1397971

Ion Ratio Lower Upper

276 100

138 23.7 18.1 27.1

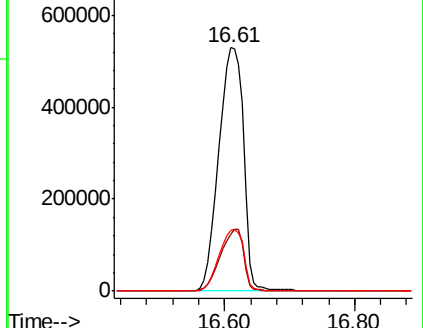
277 25.2 20.2 30.4

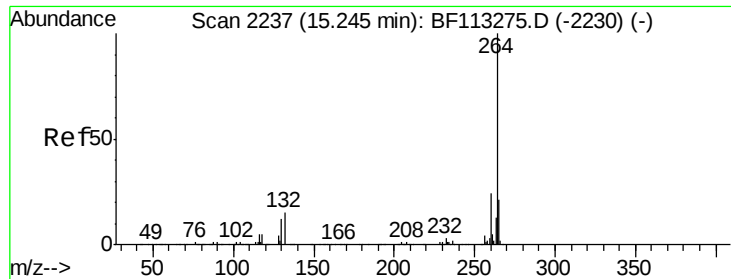


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





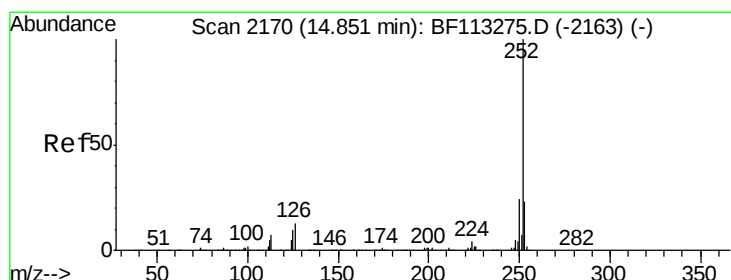
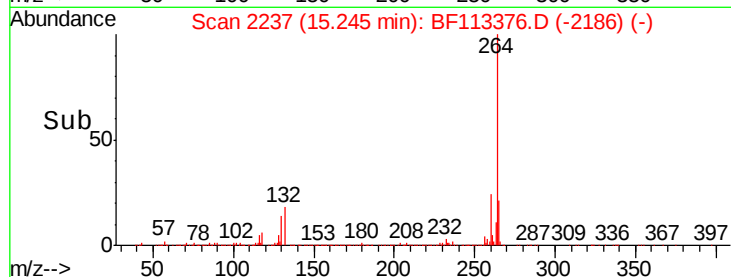
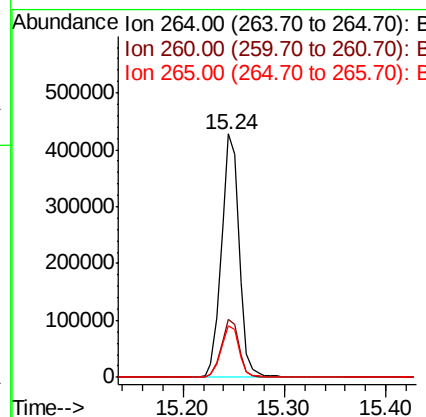
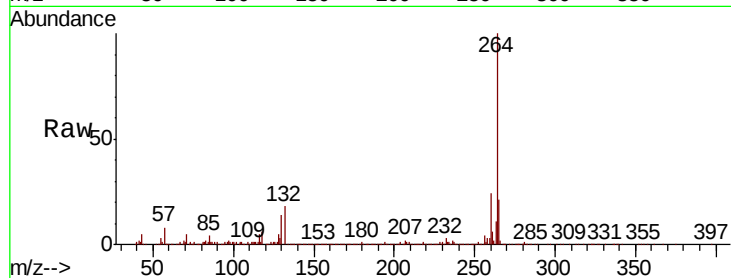
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.00 min
Lab File: BF113376.D
Acq: 28 Mar 2019 16:12

Instrument :
BNA_F
ClientSampled :
PB118325BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	21.2	17.1	25.7

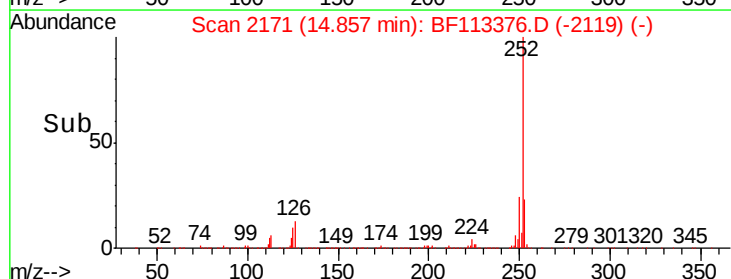
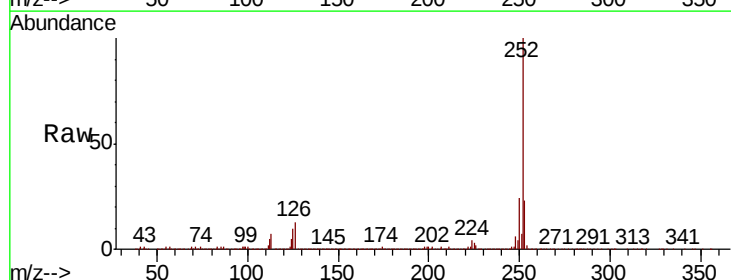
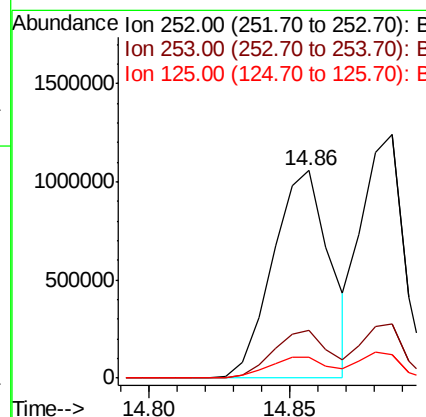
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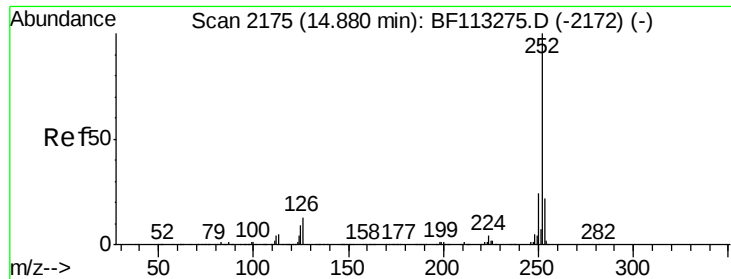
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#88
Benzo(b)fluoranthene
Concen: 45.893 ng
RT: 14.86 min Scan# 2171
Delta R.T. 0.01 min
Lab File: BF113376.D
Acq: 28 Mar 2019 16:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	9.9	7.6	11.4





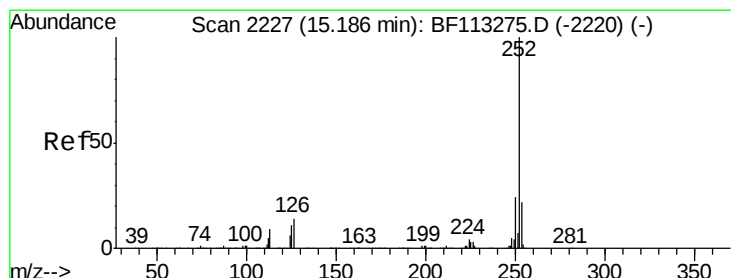
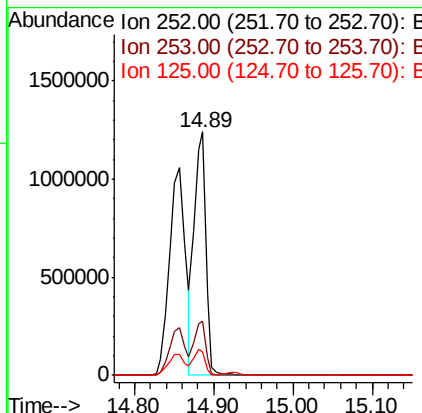
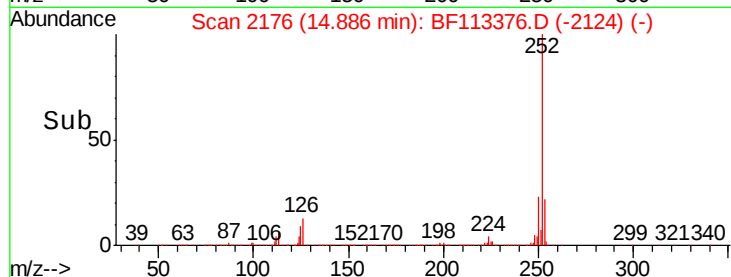
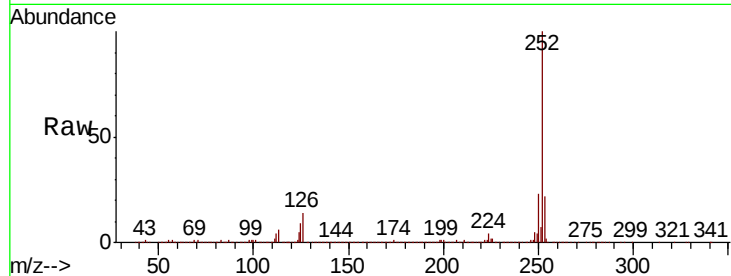
#89
Benzo(k)fluoranthene
Concen: 45.237 ng
RT: 14.89 min Scan# 2176
Delta R.T. 0.01 min
Lab File: BF113376.D
Acq: 28 Mar 2019 16:12

Instrument :
BNA_F
ClientSampleId :
PB118325BS

Tot Ion:252 Resp: 1282907
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 9.4 7.3 10.9

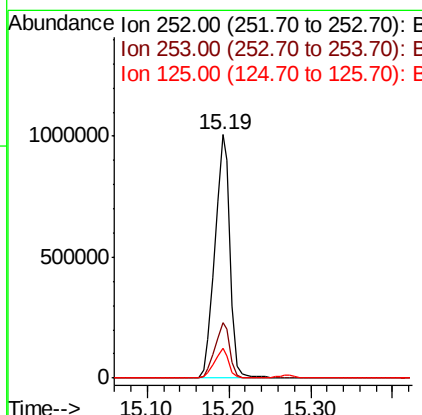
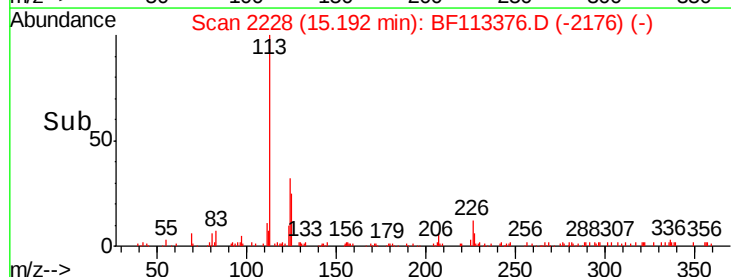
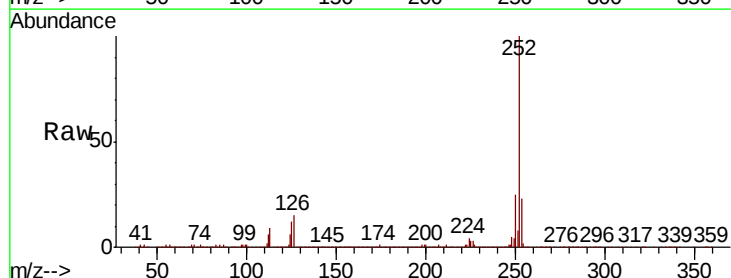
Manual Integrations
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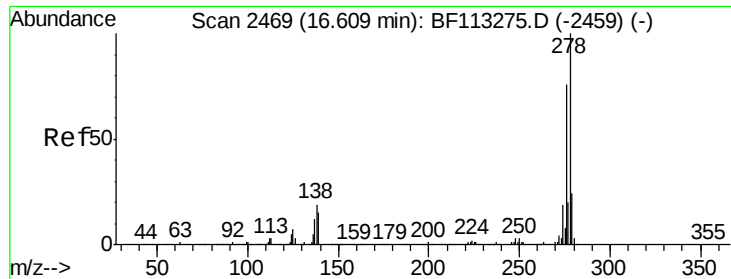
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#90
Benzo(a)pyrene
Concen: 45.210 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BF113376.D
Acq: 28 Mar 2019 16:12

Tgt Ion:252 Resp: 1294337
Ion Ratio Lower Upper
252 100
253 22.9 17.9 26.9
125 12.1 8.8 13.2





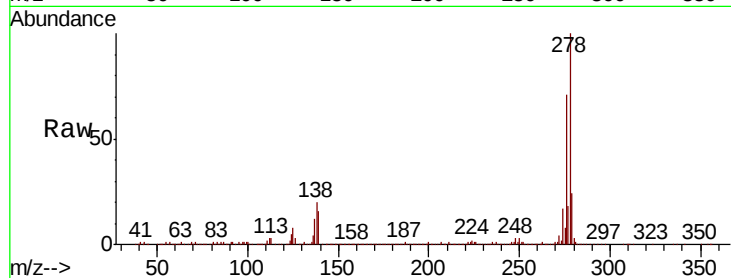
#91
Dibenzo(a,h)anthracene
Concen: 47.014 ng
RT: 16.62 min Scan# 2471
Delta R.T. 0.01 min
Lab File: BF113376.D
Acq: 28 Mar 2019 16:12

Instrument :
BNA_F
ClientSampleId :
PB118325BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.9	12.0	18.0
279	24.4	19.0	28.6

Manual Integrations
APPROVED

Sohil
3/29/2019 4:47:19 PM

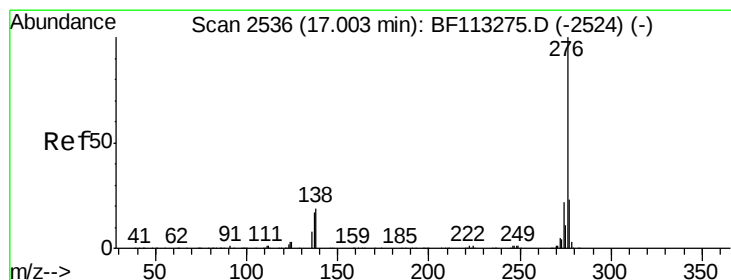
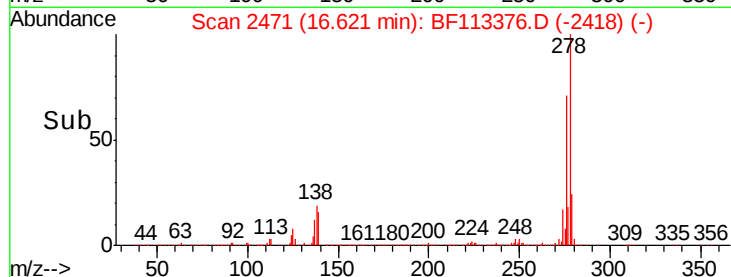
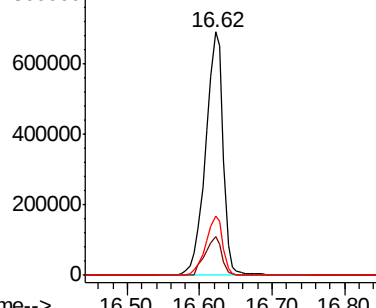


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 48.714 ng
RT: 17.02 min Scan# 2539
Delta R.T. 0.02 min
Lab File: BF113376.D
Acq: 28 Mar 2019 16:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	20.4	15.6	23.4

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

