

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
 Data File : BF114227.D
 Acq On : 13 May 2019 14:31
 Operator : JU/SJ
 Sample : K2767-13MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS012-0002-01MS

Manual Integrations
 APPROVED

Sohil
 5/14/2019 8:03:09 PM

Quant Time: May 14 09:18:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	254068	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	977855	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	463611	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	886278	20.00	ng	0.01
76) Chrysene-d12	14.04	240	440273	20.00	ng	0.02
87) Perylene-d12	15.53	264	579961	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1426516	90.36	ng	0.01
7) Phenol-d6	6.51	99	1869707	100.13	ng	0.02
23) Nitrobenzene-d5	7.42	82	1201262	68.94	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	448877	93.65	ng	0.01
45) 2-Fluorobiphenyl	9.21	172	1957873	63.88	ng	0.00
79) Terphenyl-d14	12.96	244	1687758	79.02	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	215830	24.871	ng	98
3) Pyridine	3.40	79	519407	21.724	ng	92
4) n-Nitrosodimethylamine	3.32	42	324433	28.139	ng	91
6) Aniline	6.52	93	111818	4.146	ng	# 1
8) 2-Chlorophenol	6.65	128	552403	32.775	ng	95
9) Benzaldehyde	6.40	77	229467	17.554	ng	99
10) Phenol	6.52	94	669498	30.479	ng	86
11) bis(2-Chloroethyl)ether	6.59	93	585315	35.098	ng	99
12) 1,3-Dichlorobenzene	6.80	146	559100	29.552	ng	99
13) 1,4-Dichlorobenzene	6.87	146	570588	29.929	ng	97
14) 1,2-Dichlorobenzene	7.03	146	540366	31.024	ng	99
15) Benzyl Alcohol	7.00	79	484026	33.235	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1044872	32.314	ng	60
17) 2-Methylphenol	7.12	107	382149	27.602	ng	# 91
18) Hexachloroethane	7.37	117	187678	26.226	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	407646	34.442	ng	98
20) 3+4-Methylphenols	7.27	107	517614	32.358	ng	# 60
22) Acetophenone	7.26	105	794586	36.680	ng	# 90
24) Nitrobenzene	7.44	77	621312	35.010	ng	95
25) Isophorone	7.67	82	1134953	35.121	ng	97
26) 2-Nitrophenol	7.76	139	319386	37.094	ng	96
27) 2,4-Dimethylphenol	7.80	122	361868	26.760	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	742941	35.433	ng	99
29) 2,4-Dichlorophenol	8.00	162	470064	34.909	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	477991	31.217	ng	100
31) Naphthalene	8.16	128	2214721	48.486	ng	100
32) Benzoic acid	7.93	122	388190	41.391	ng	97
33) 4-Chloroaniline	8.21	127	141248	6.786	ng	98
34) Hexachlorobutadiene	8.27	225	253845	29.136	ng	98
35) Caprolactam	8.59	113	173741	39.570	ng	94
36) 4-Chloro-3-methylphenol	8.70	107	494648	36.494	ng	97
37) 2-Methylnaphthalene	8.85	142	1320521	44.808	ng	98
38) 1-Methylnaphthalene	8.95	142	1178751	42.473	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	463150	32.979	ng	100

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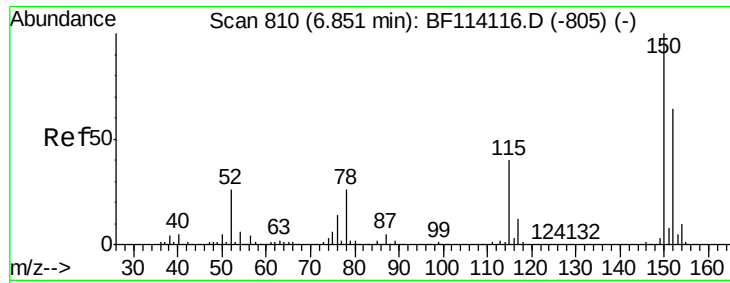
Manual Integrations
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Quant Time: May 14 09:18:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	64569	13.659	nq	96
43) 2,4,6-Trichlorophenol	9.13	196	331914	34.361	nq	100
44) 2,4,5-Trichlorophenol	9.18	196	348427	35.172	nq	94
46) 1,1'-Biphenyl	9.31	154	1355281	36.186	nq	97
47) 2-Chloronaphthalene	9.34	162	948846	31.479	nq	98
48) 2-Nitroaniline	9.44	65	348535	32.604	nq	94
49) Acenaphthylene	9.76	152	2460986	53.681	nq	99
50) Dimethylphthalate	9.61	163	1463185	42.993	nq	99
51) 2,6-Dinitrotoluene	9.67	165	263124	34.857	nq	96
52) Acenaphthene	9.93	154	876313	31.150	nq	100
53) 3-Nitroaniline	9.85	138	134108	14.312	nq	99
54) 2,4-Dinitrophenol	9.96	184	146390	42.061	nq	96
55) Dibenzofuran	10.10	168	1337595	32.425	nq	98
56) 4-Nitrophenol	10.03	139	377093	56.906	nq	97
57) 2,4-Dinitrotoluene	10.09	165	351533	34.310	nq	97
58) Fluorene	10.44	166	1154350	36.228	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.22	232	277989	32.522	nq	# 99
60) Diethylphthalate	10.31	149	1167900	33.774	nq	100
61) 4-Chlorophenyl-phenylether	10.43	204	503635	32.182	nq	97
62) 4-Nitroaniline	10.46	138	151973	15.434	nq	97
63) Azobenzene	10.59	77	1080236	32.273	nq	95
65) 4,6-Dinitro-2-methylphenol	10.50	198	105722	24.825	nq	75
66) n-Nitrosodiphenylamine	10.55	169	918680	34.153	nq	99
67) 4-Bromophenyl-phenylether	10.92	248	317865	32.574	nq	97
68) Hexachlorobenzene	11.00	284	334324	30.969	nq	95
69) Atrazine	11.09	200	305504	36.497	nq	99
70) Pentachlorophenol	11.20	266	310760	60.726	nq	99
71) Phenanthrene	11.42	178	4290207	99.498	nq	96
72) Anthracene	11.46	178	1872676	43.240	nq	99
73) Carbazole	11.62	167	1324504	32.071	nq	99
74) Di-n-butylphthalate	11.94	149	1772938	37.262	nq	99
75) Fluoranthene	12.61	202	4721245	101.678	nq	94
78) Pyrene	12.85	202	6766298	191.042	nq	93
80) Butylbenzylphthalate	13.43	149	663468	44.505	nq	93
81) Benzo(a)anthracene	14.03	228	3438926	120.763	nq	# 83
82) 3,3'-Dichlorobenzidine	13.99	252	17839	1.615	nq	# 75
83) Chrysene	14.07	228	3420073	122.517	nq	96
84) Bis(2-ethylhexyl)phthalate	14.00	149	1011061	51.856	nq	99
85) Di-n-octyl phthalate	14.62	149	1538921	48.690	nq	99
86) Indeno(1,2,3-cd)pyrene	17.04	276	2301321	93.281	nq	98
88) Benzo(b)fluoranthene	15.11	252	4080138	109.812	nq	# 96
89) Benzo(k)fluoranthene	15.13	252	1751268m	51.310	nq	
90) Benzo(a)pyrene	15.48	252	3349138	102.420	nq	99
91) Dibenzo(a,h)anthracene	17.04	278	1133709	41.723	nq	99
92) Benzo(g,h,i)perylene	17.49	276	2280317	83.741	nq	98

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



#1

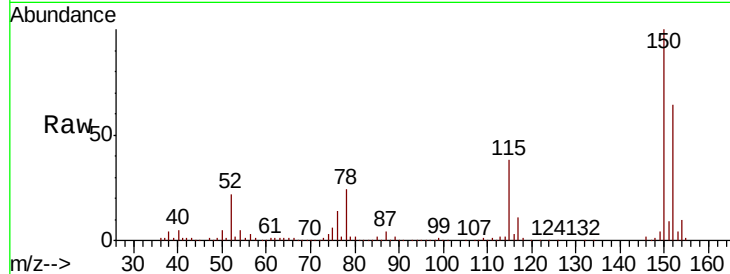
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF114227.D
Acq: 13 May 2019 14:31

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.3	186.5
115	59.0	49.1	73.7

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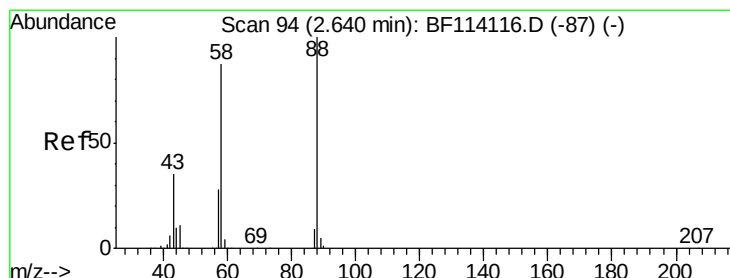
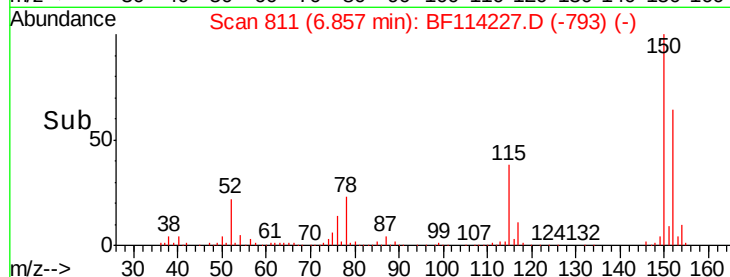
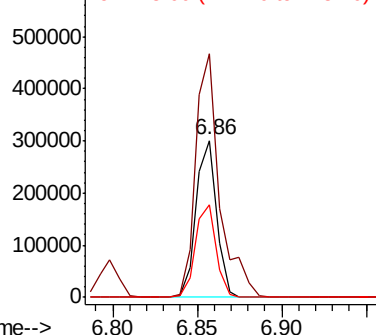


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

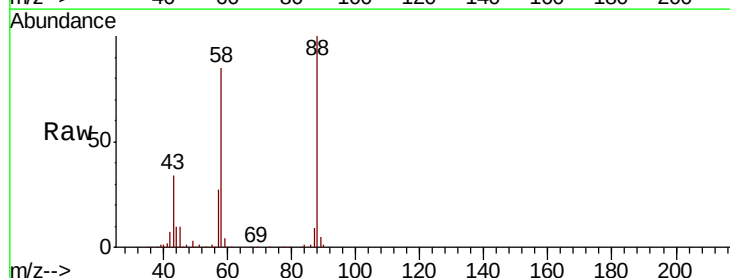
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 24.871 ng
RT: 2.62 min Scan# 90
Delta R.T. -0.02 min
Lab File: BF114227.D
Acq: 13 May 2019 14:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.7	68.7	103.1
43	34.1	28.2	42.2

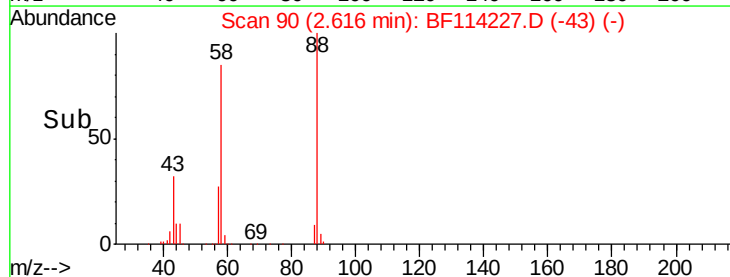
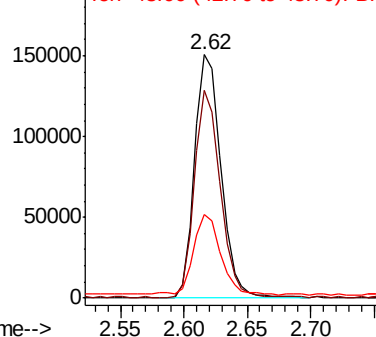


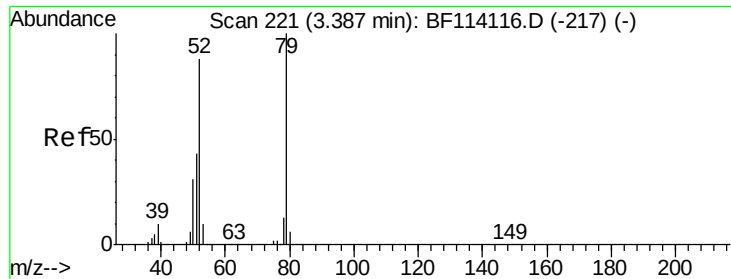
Abundance

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: 21.724 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.01 min

Lab File: BF114227.D

Acq: 13 May 2019 14:31

Instrument :

BNA_F

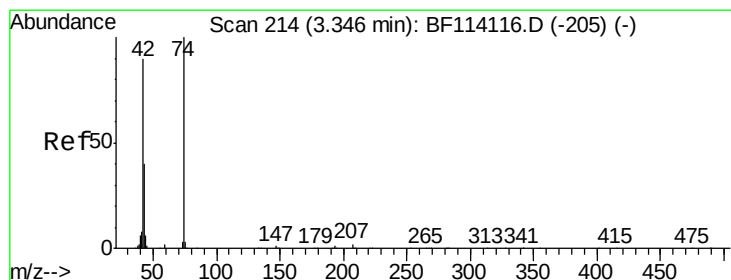
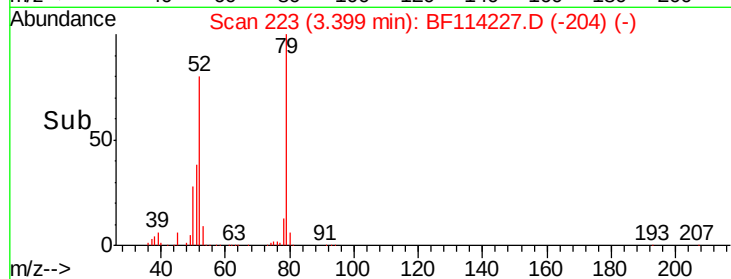
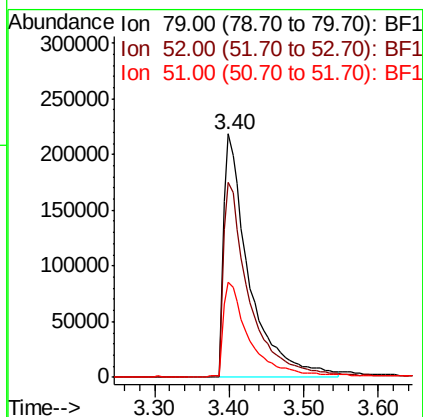
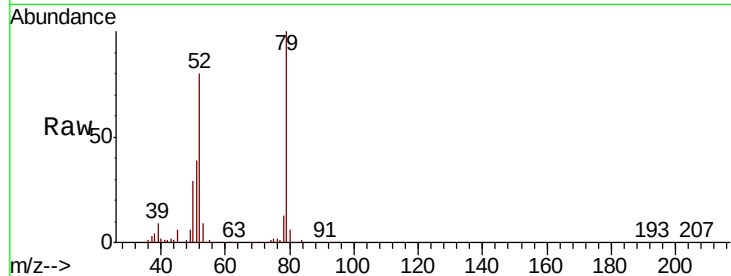
ClientSampleId :

P026-SS012-0002-01MS

Tot Ion:	79	Resp:	519407
Ion Ratio	Lower	Upper	
79	100		
52	80.0	70.6	105.8
51	38.8	34.2	51.2

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#4

n-Nitrosodimethylamine

Concen: 28.139 ng

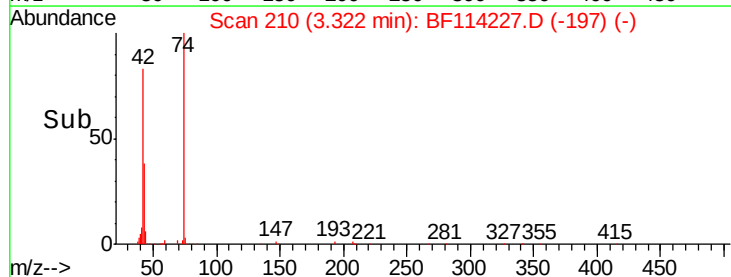
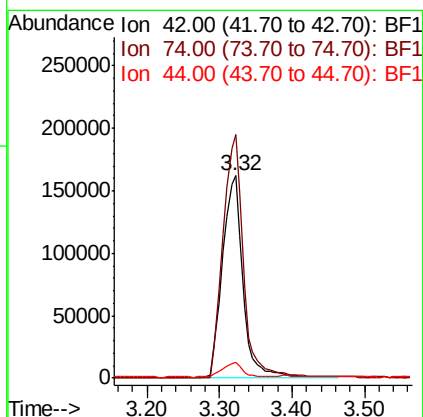
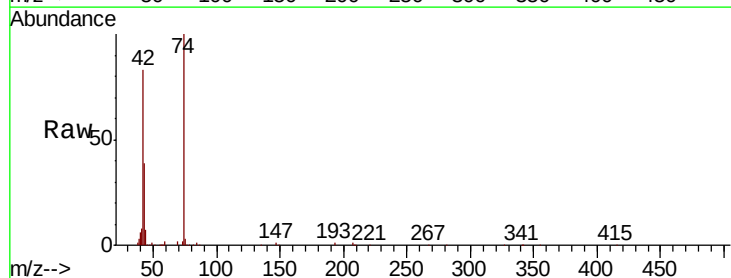
RT: 3.32 min Scan# 210

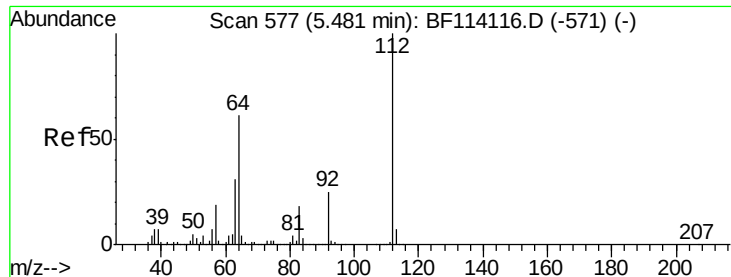
Delta R.T. -0.02 min

Lab File: BF114227.D

Acq: 13 May 2019 14:31

Tgt Ion:	42	Resp:	324433
Ion Ratio	Lower	Upper	
42	100		
74	120.4	88.6	132.8
44	7.9	5.5	8.3





#5

2-Fluorophenol

Concen: 90.355 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF114227.D

Acq: 13 May 2019 14:31

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MS

Tot Ion: 112 Resp: 1426516

Ion Ratio Lower Upper

112 100

64 65.9 49.0 73.6

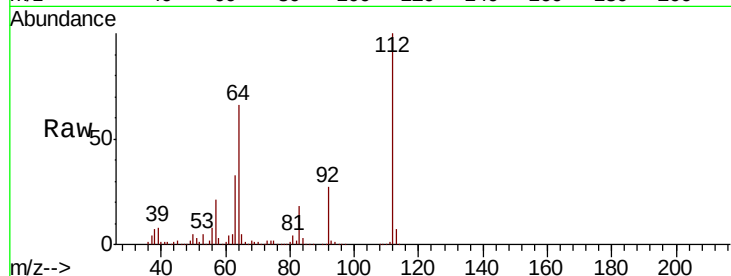
63 33.0 24.6 37.0

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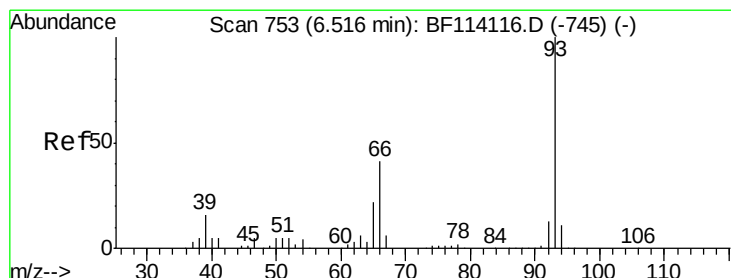
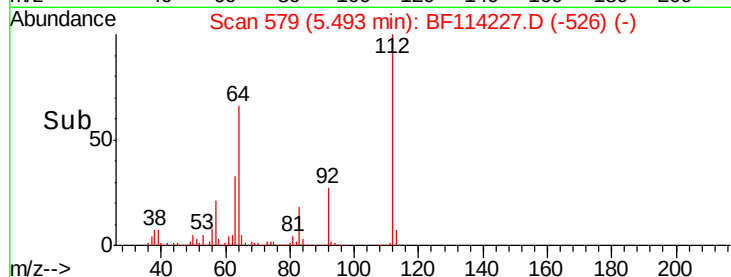
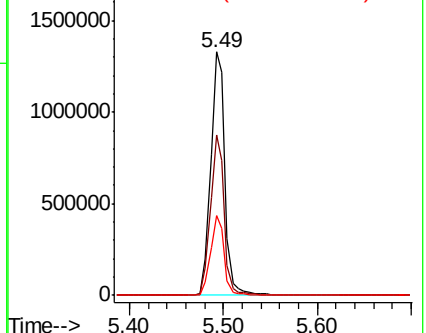
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 4.146 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF114227.D

Acq: 13 May 2019 14:31

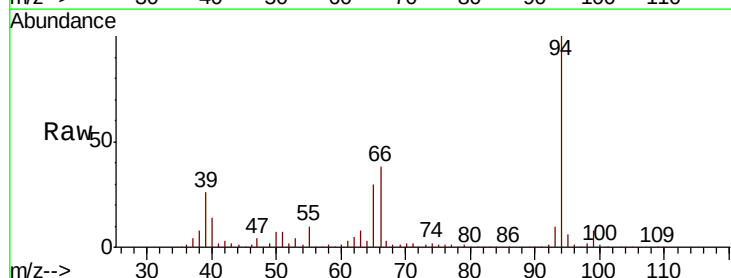
Tgt Ion: 93 Resp: 111818

Ion Ratio Lower Upper

93 100

66 362.3 33.2 49.8#

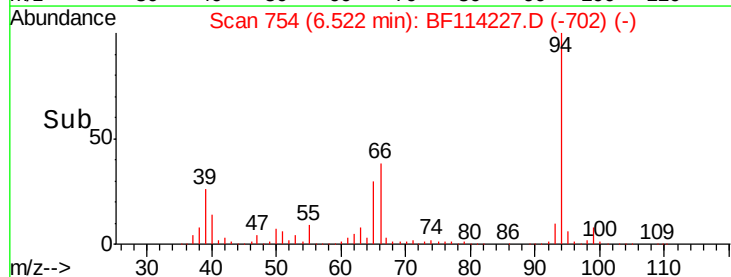
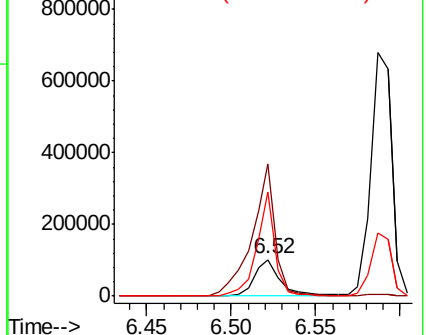
65 283.1 17.6 26.4#

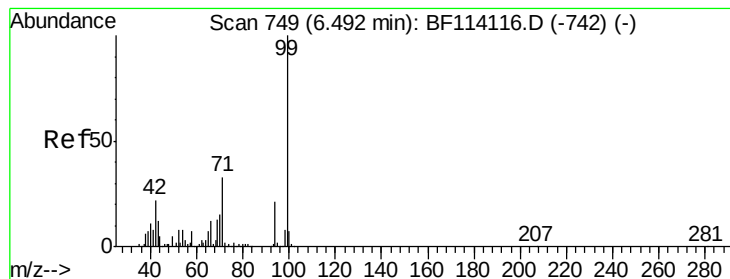


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 100.130 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.02 min

Lab File: BF114227.D

Acq: 13 May 2019 14:31

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MS

Tot Ion: 99 Resp: 1869707

Ion Ratio Lower Upper

99 100

42 22.1 17.9 26.9

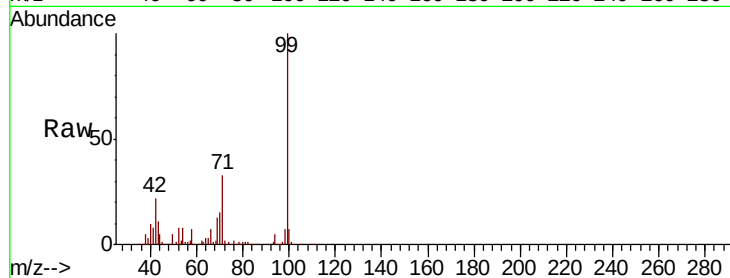
71 32.7 26.2 39.2

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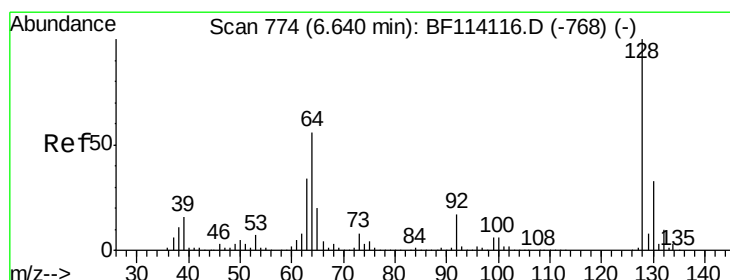
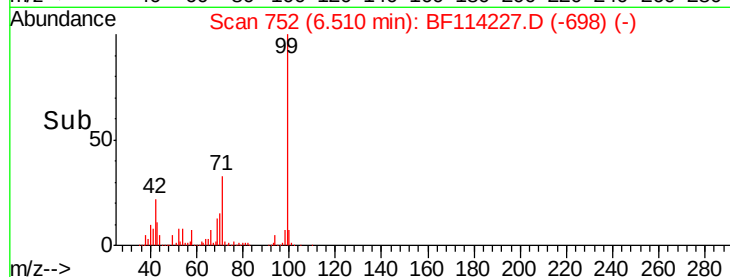
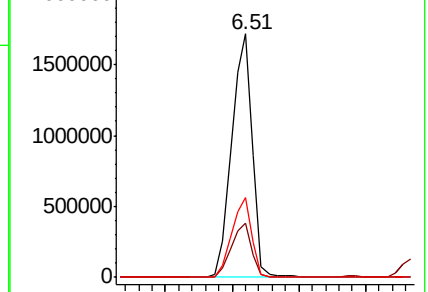
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 32.775 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.01 min

Lab File: BF114227.D

Acq: 13 May 2019 14:31

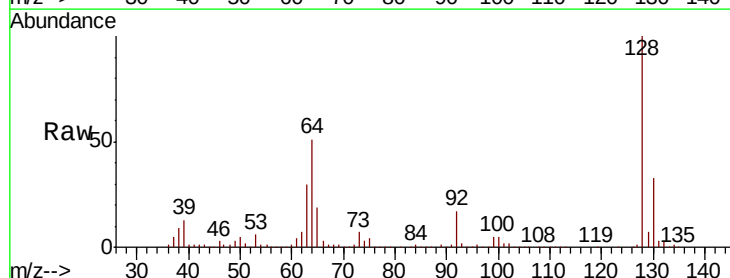
Tgt Ion:128 Resp: 552403

Ion Ratio Lower Upper

128 100

130 33.3 12.6 52.6

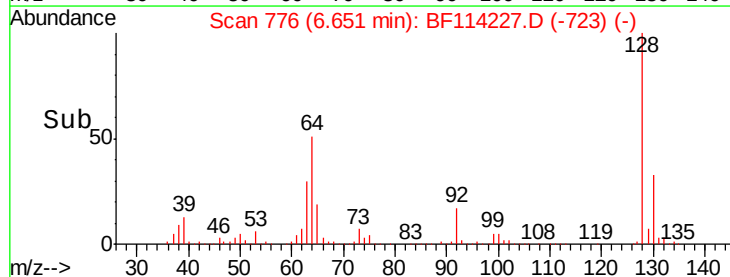
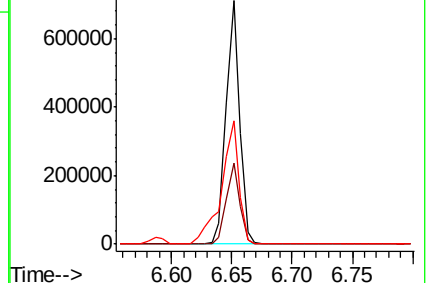
64 50.9 35.9 75.9

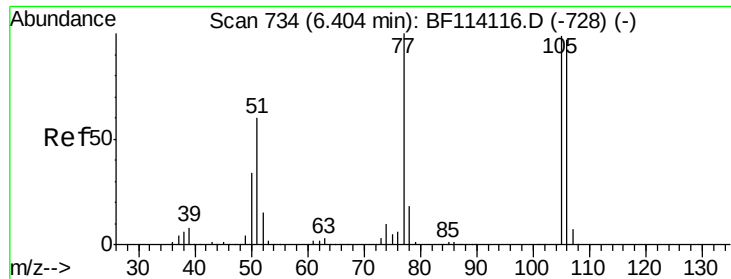


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 17.554 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF114227.D

Acq: 13 May 2019 14:31

Instrument :

BNA_F

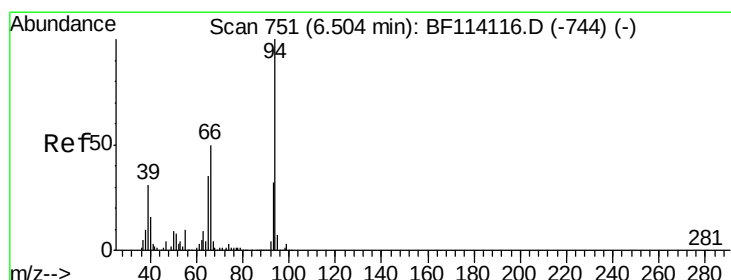
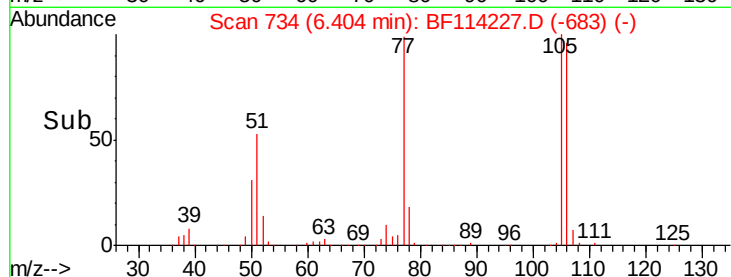
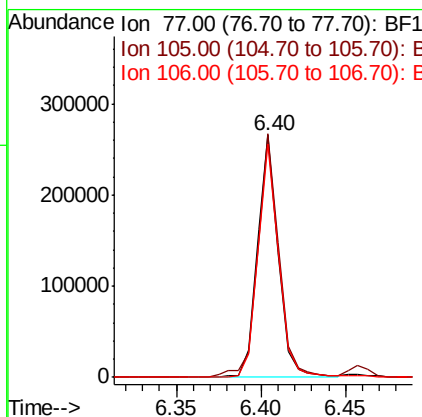
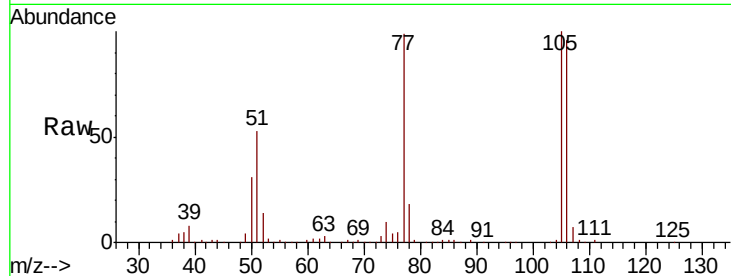
ClientSampleId :

P026-SS012-0002-01MS

Tot Ion:	77	Resp:	229467
Ion Ratio	Lower	Upper	
77	100		
105	100.6	79.3	119.3
106	96.7	77.0	117.0

Manual Integrations
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#10

Phenol

Concen: 30.479 ng

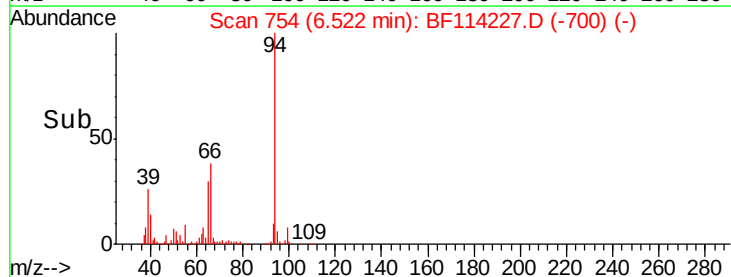
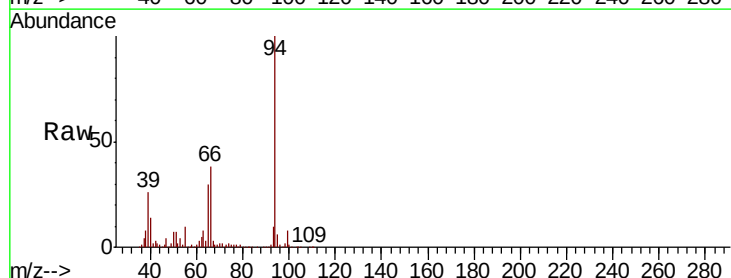
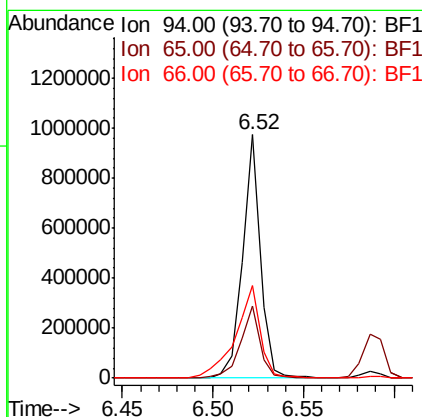
RT: 6.52 min Scan# 754

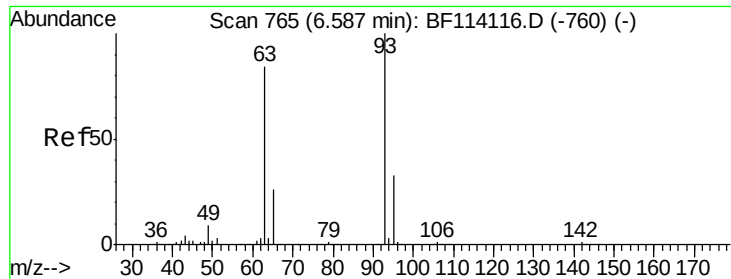
Delta R.T. 0.02 min

Lab File: BF114227.D

Acq: 13 May 2019 14:31

Tgt Ion:	94	Resp:	669498
Ion Ratio	Lower	Upper	
94	100		
65	29.7	14.7	54.7
66	38.0	29.6	69.6





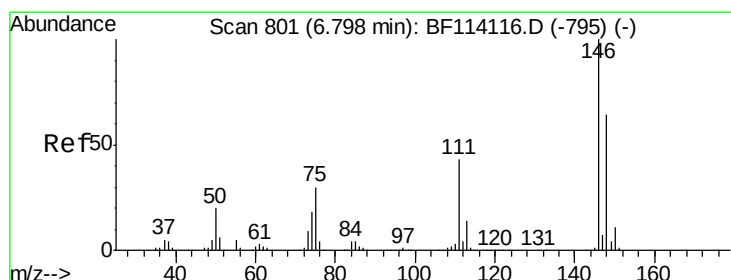
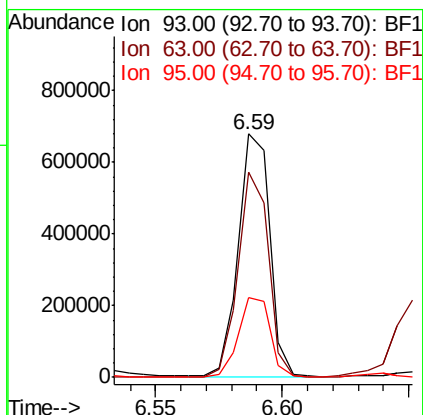
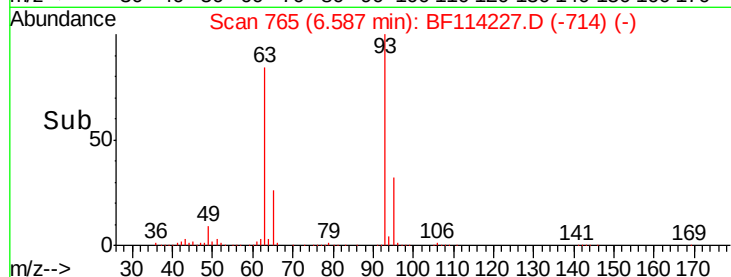
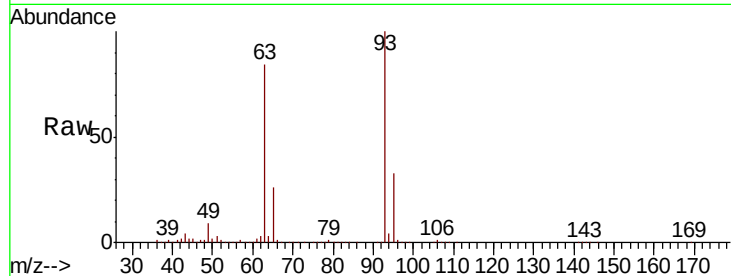
#11
bis(2-Chloroethyl)ether
Concen: 35.098 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF114227.D
Acq: 13 May 2019 14:31

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MS

Tot Ion	93	Resp	585315
Ion Ratio	Lower	Upper	
93	100		
63	84.2	63.6	103.6
95	32.6	13.1	53.1

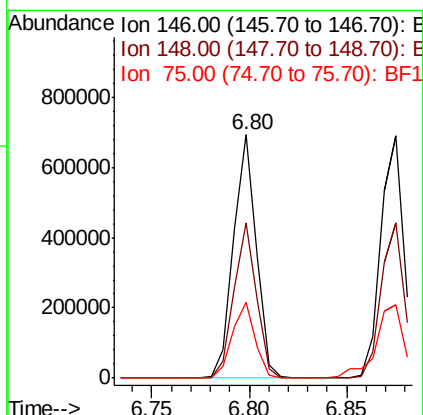
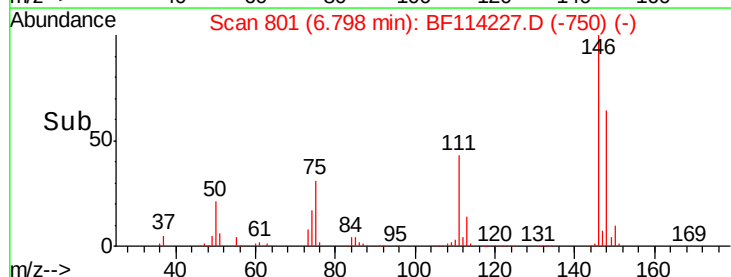
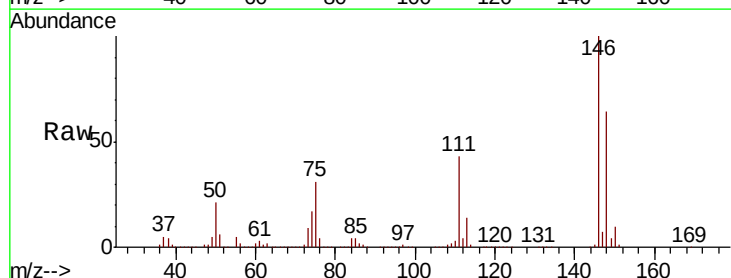
Manual Integrations
APPROVED

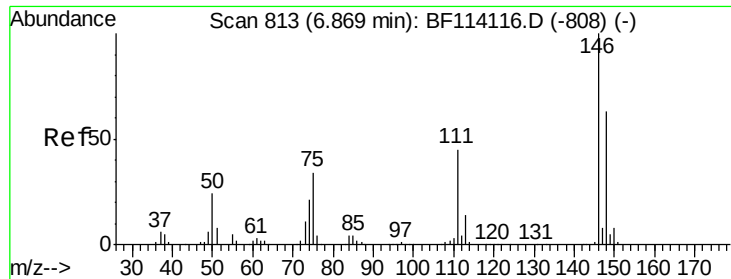
Sohil
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#12
1,3-Dichlorobenzene
Concen: 29.552 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF114227.D
Acq: 13 May 2019 14:31

Tgt Ion	146	Resp	559100
Ion Ratio	Lower	Upper	
146	100		
148	63.9	51.6	77.4
75	31.1	24.2	36.2





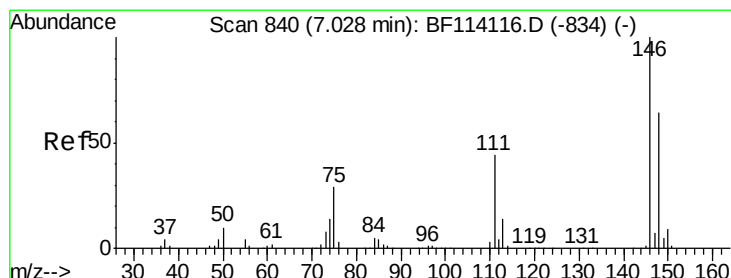
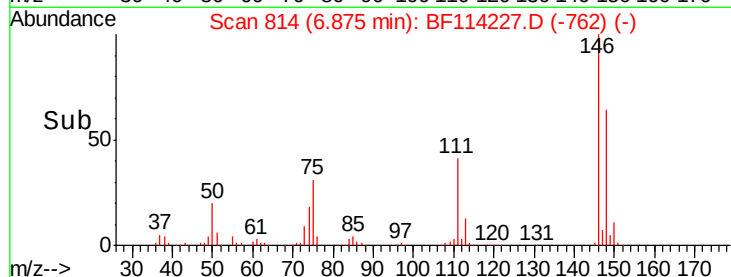
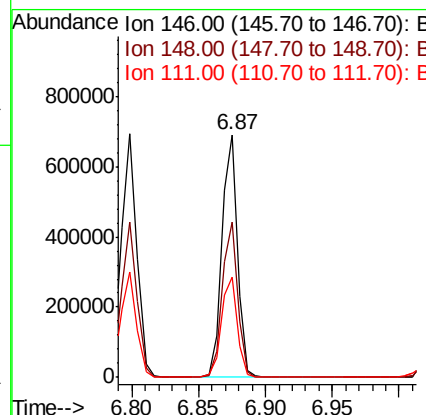
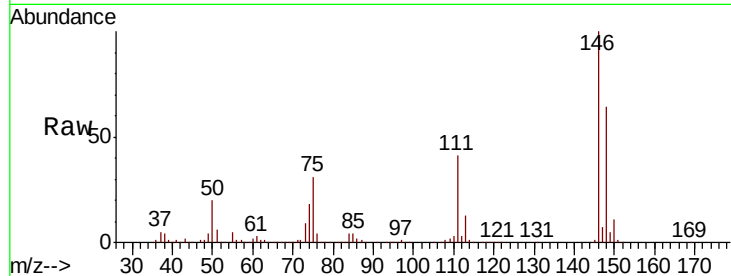
#13
 1,4-Dichlorobenzene
 Concen: 29.929 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF114227.D
 Acq: 13 May 2019 14:31

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS012-0002-01MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.2	75.2
111	41.2	35.8	53.6

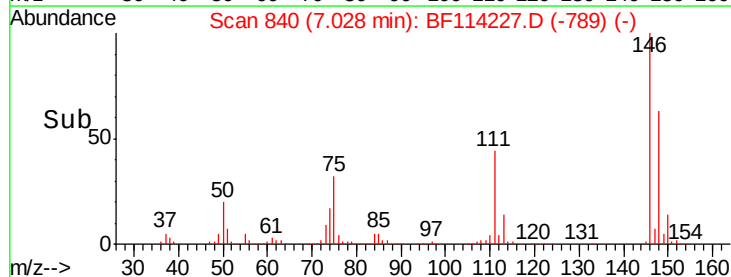
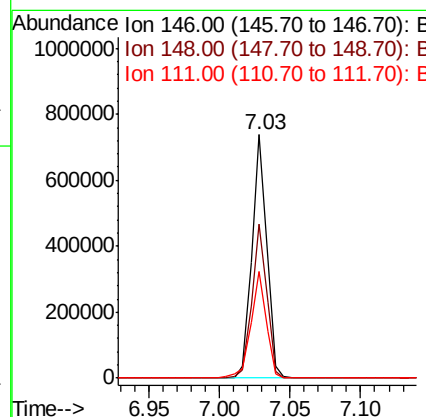
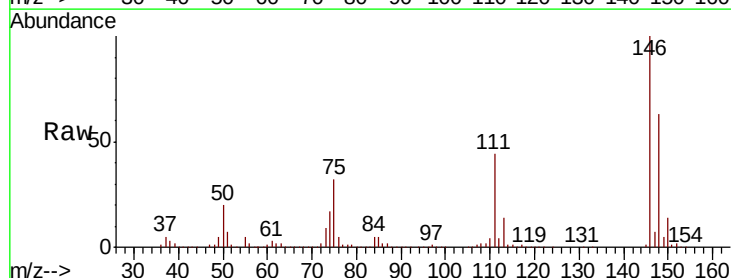
Manual Integrations
 APPROVED

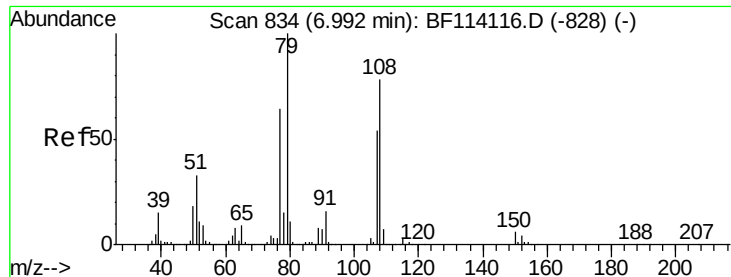
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#14
 1,2-Dichlorobenzene
 Concen: 31.024 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF114227.D
 Acq: 13 May 2019 14:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.1	76.7
111	43.6	35.3	52.9





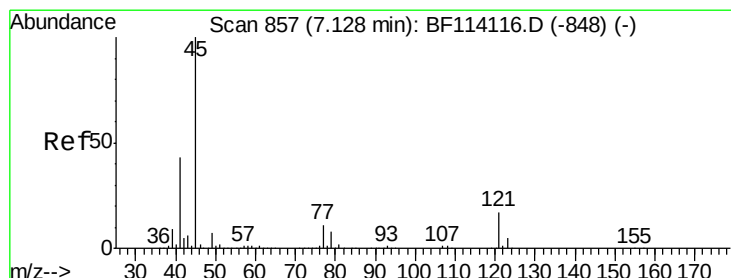
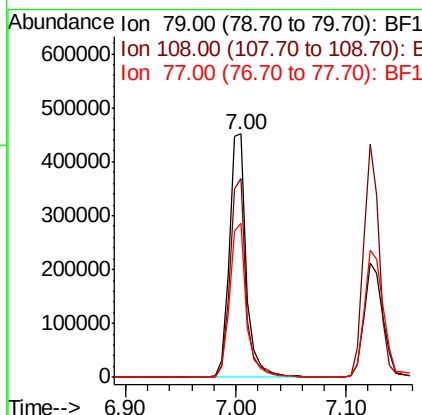
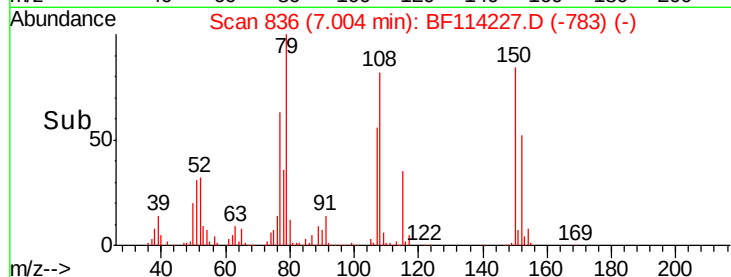
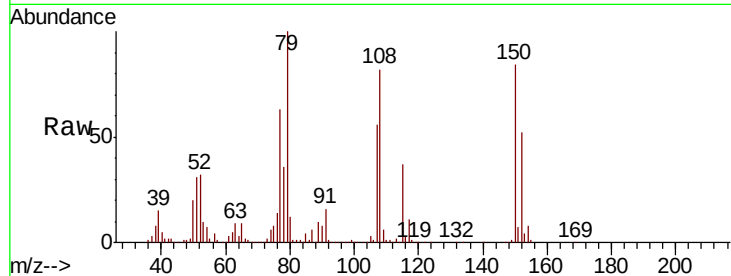
#15
Benzyl Alcohol
Concen: 33.235 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF114227.D
Acq: 13 May 2019 14:31

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.9	62.1	93.1
77	63.4	51.0	76.6

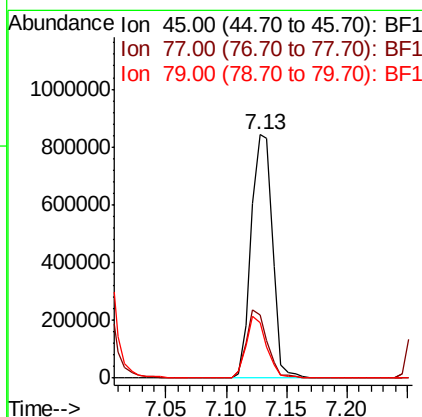
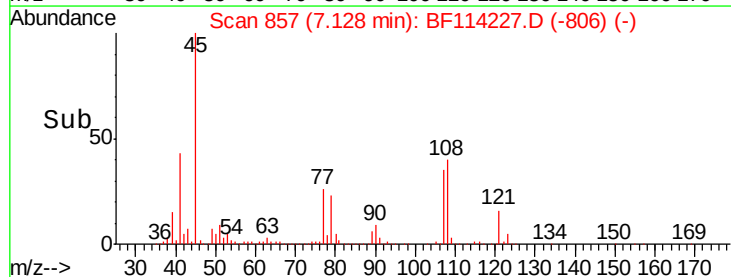
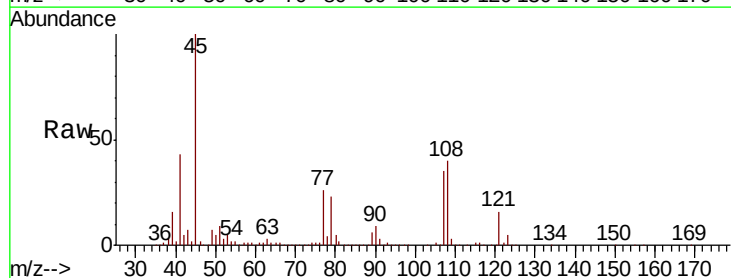
Manual Integrations
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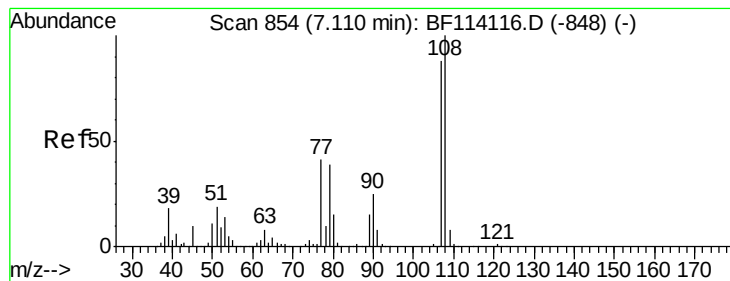
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#16
2,2'-oxybis(1-chloropropane)
Concen: 32.314 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF114227.D
Acq: 13 May 2019 14:31

Tgt Ion	Ratio	Lower	Upper
45	100		
77	26.0	0.0	31.1
79	22.8	0.0	28.4





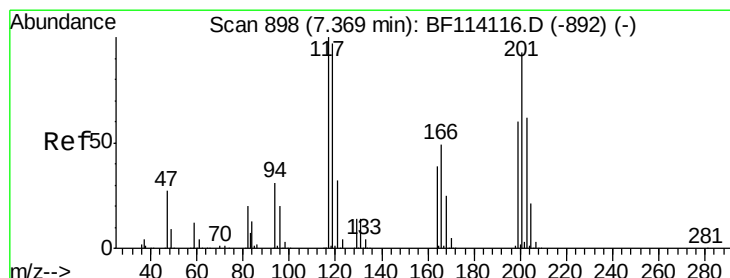
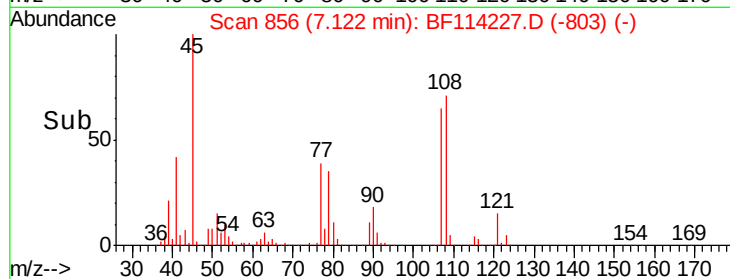
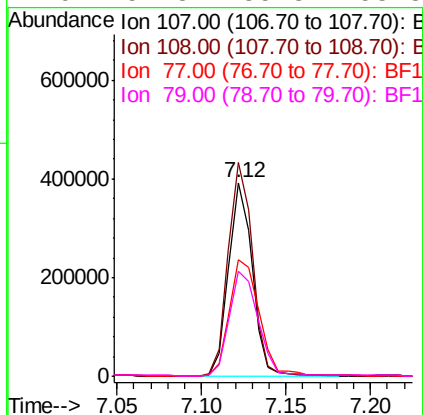
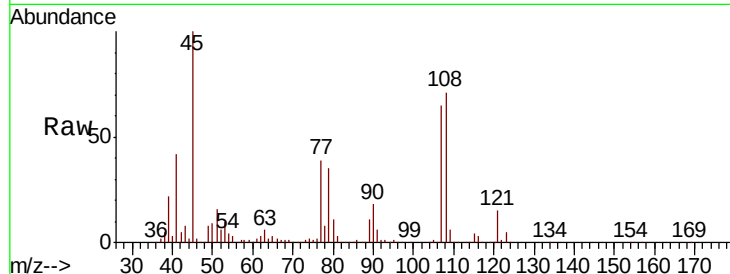
#17
2-Methylphenol
Concen: 27.602 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF114227.D
Acq: 13 May 2019 14:31

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.4	90.5	135.7	
77	60.2	37.0	55.4	
79	54.3	35.8	53.8	

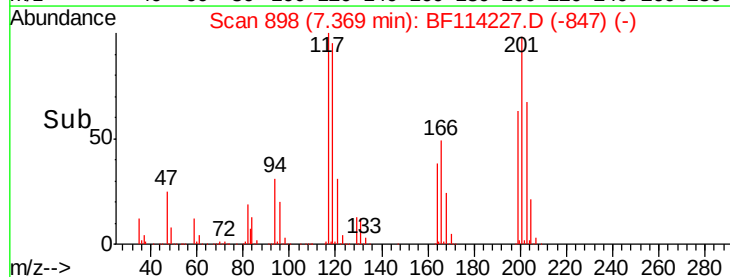
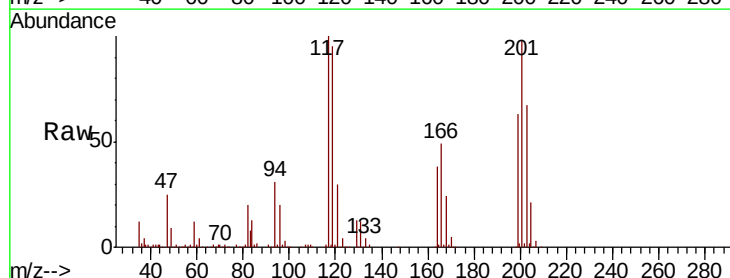
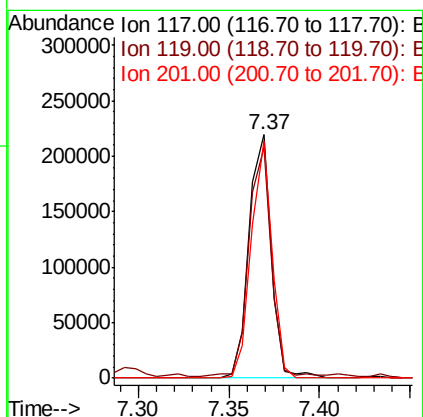
Manual Integrations
APPROVED

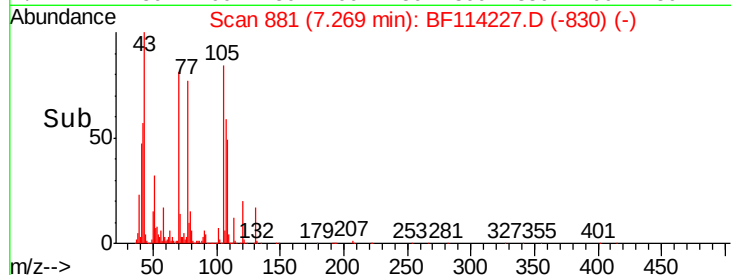
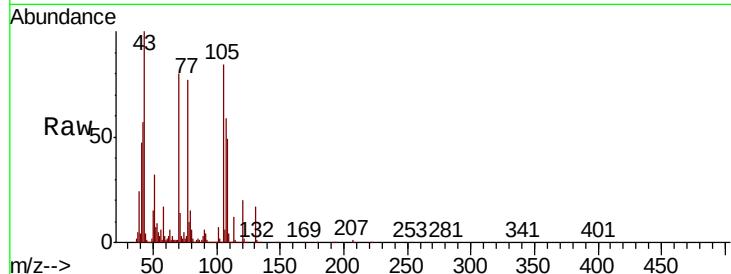
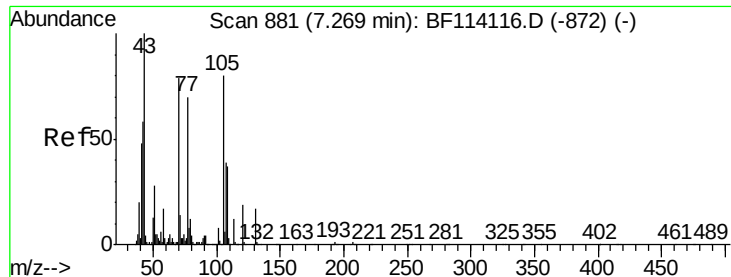
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#18
Hexachloroethane
Concen: 26.226 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF114227.D
Acq: 13 May 2019 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.0	77.4	116.2	
201	97.6	74.5	111.7	





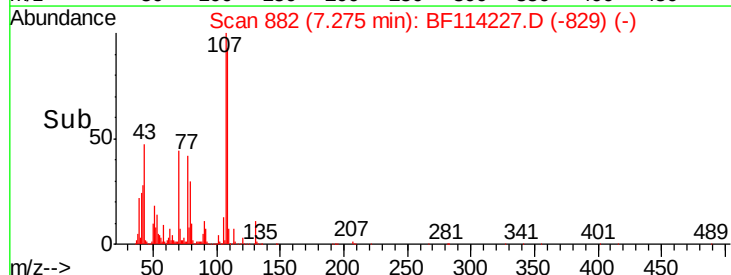
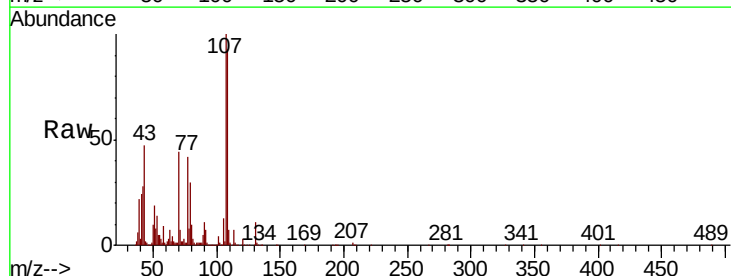
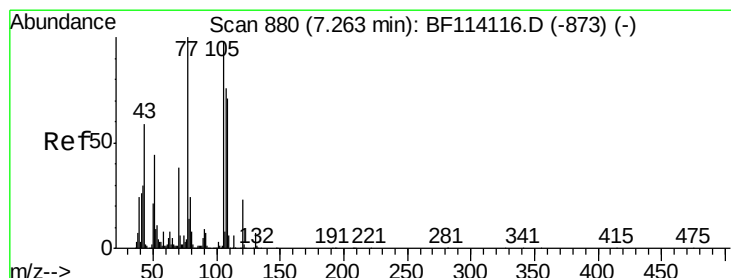
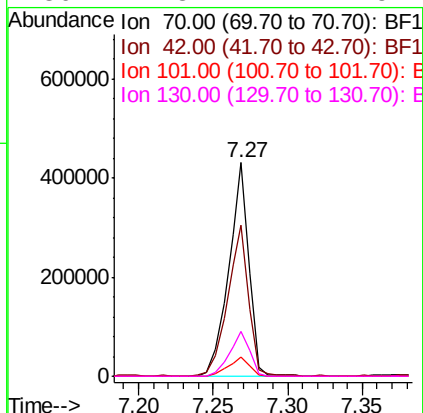
#19
n-Nitroso-di-n-propylamine
Concen: 34.442 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF114227.D
Acq: 13 May 2019 14:31

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	70.7	58.6	87.8	
101	8.9	7.8	11.8	
130	21.3	17.1	25.7	

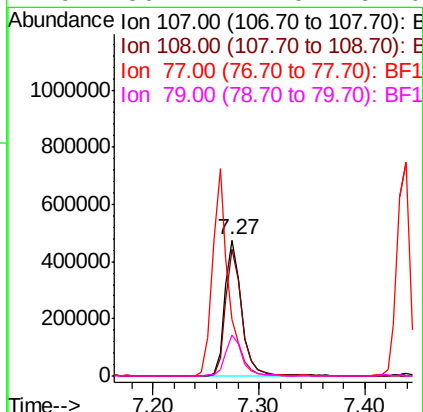
Manual Integrations
APPROVED

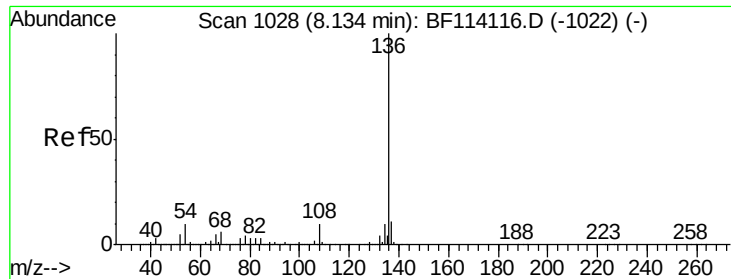
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#20
3+4-Methylphenols
Concen: 32.358 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF114227.D
Acq: 13 May 2019 14:31

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	93.0	73.8	113.8	
77	41.6	111.5	151.5#	
79	30.1	12.0	52.0	





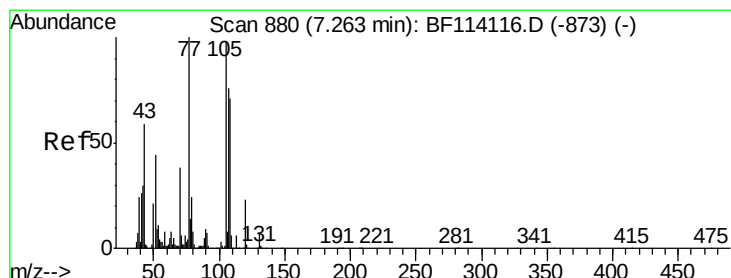
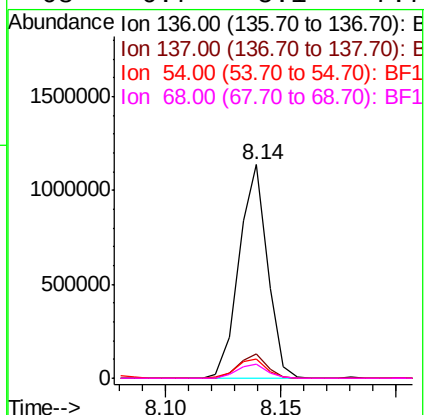
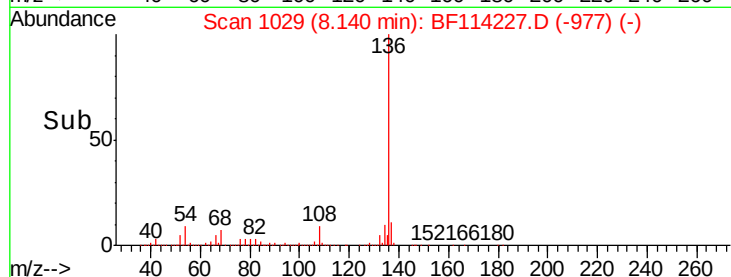
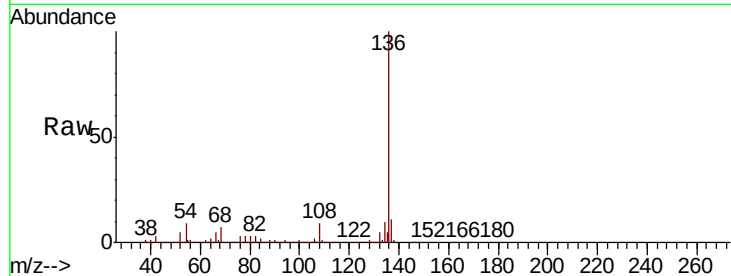
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BF114227.D
Acq: 13 May 2019 14:31

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		977855		
137	11.1		8.8	13.2	
54	9.3		7.8	11.8	
68	6.7		5.1	7.7	

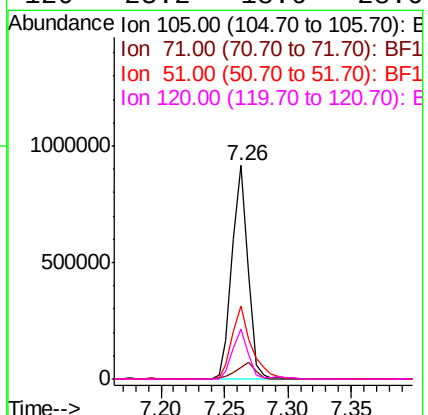
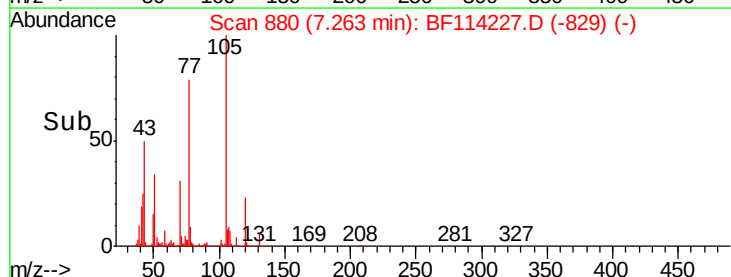
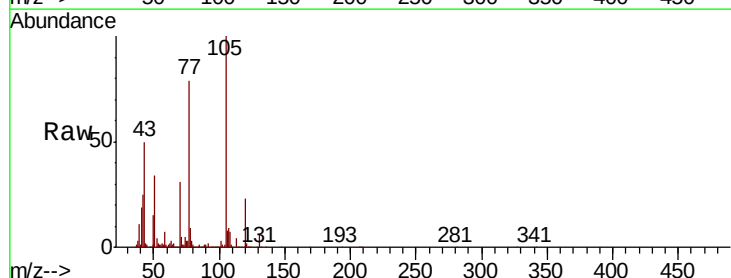
Manual Integrations
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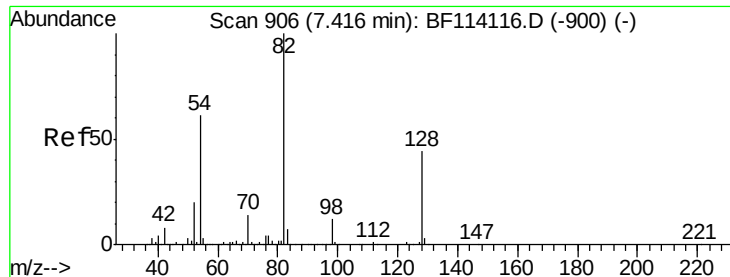
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#22
Acetophenone
Concen: 36.680 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF114227.D
Acq: 13 May 2019 14:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		794586		
71	5.4		5.3	7.9	
51	34.3		36.2	54.4	
120	23.2		18.6	28.0	





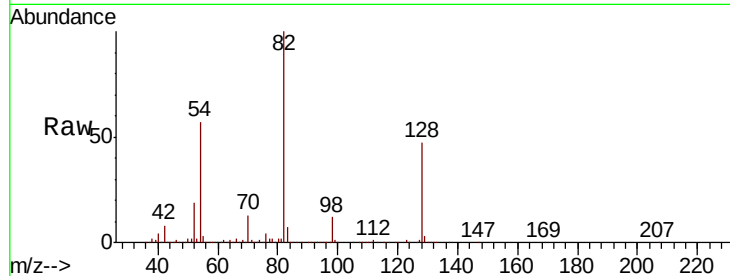
#23
Nitrobenzene-d5
Concen: 68.942 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.01 min
Lab File: BF114227.D
Acq: 13 May 2019 14:31

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MS

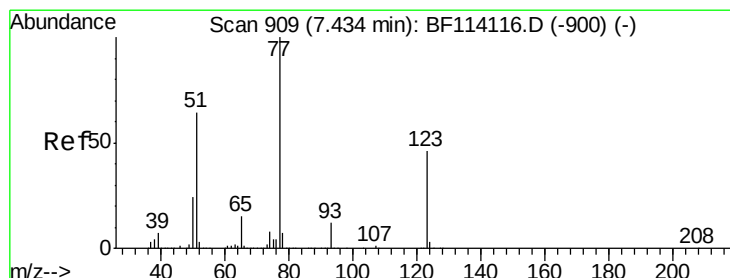
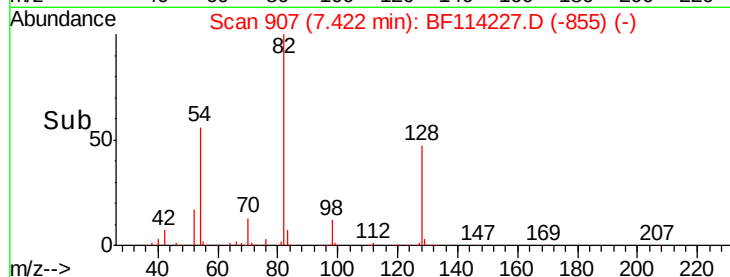
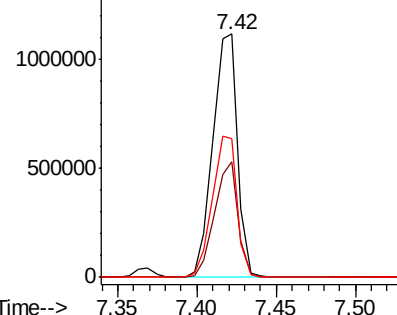
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.4	35.5	53.3
54	57.1	48.5	72.7

Manual Integrations
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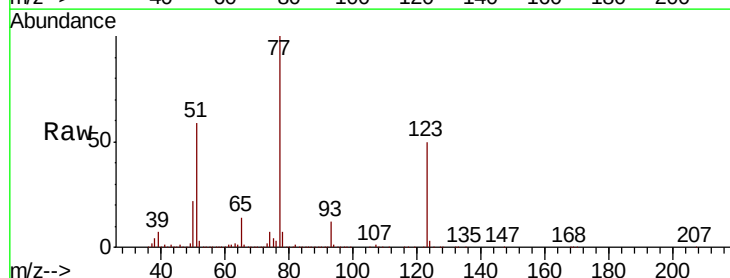


Abundance Ion 82.00 (81.70 to 82.70): BF1
1500000 Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

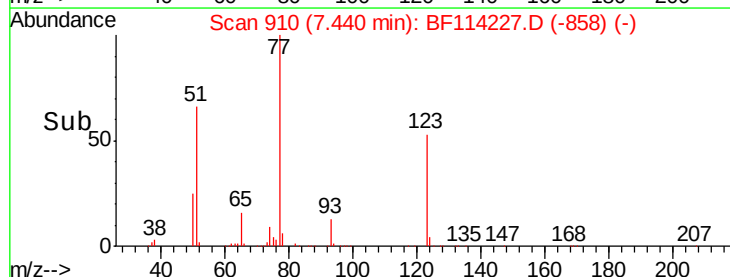
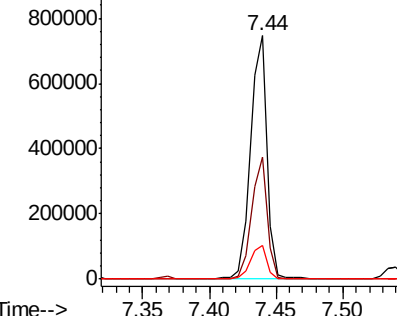


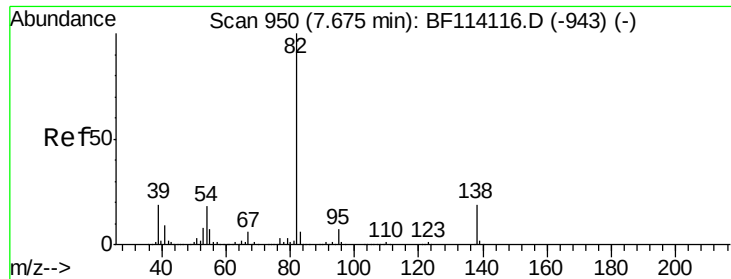
#24
Nitrobenzene
Concen: 35.010 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.01 min
Lab File: BF114227.D
Acq: 13 May 2019 14:31

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.2	36.9	55.3
65	13.8	11.8	17.6



Abundance Ion 77.00 (76.70 to 77.70): BF1
1000000 Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





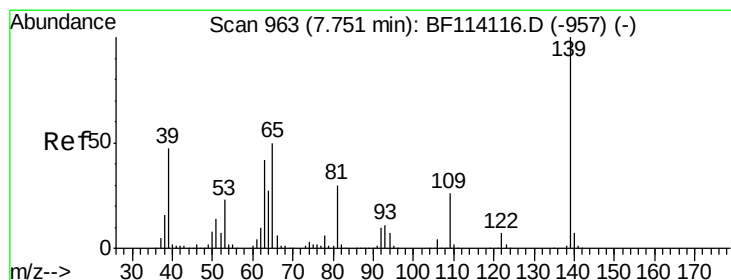
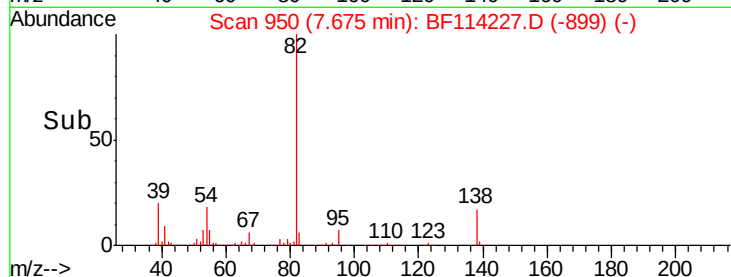
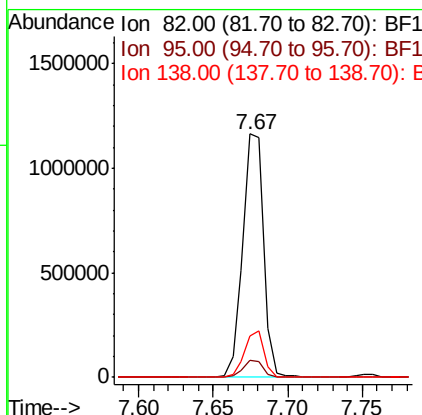
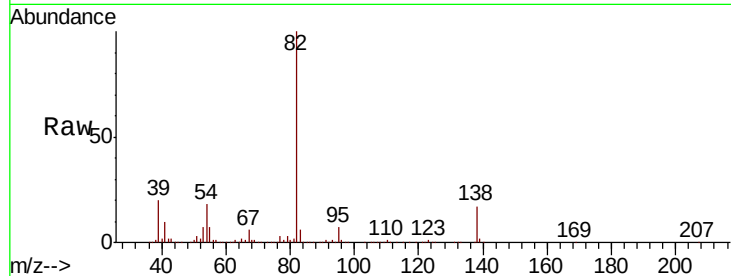
#25
Isophorone
Concen: 35.121 ng
RT: 7.67 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF114227.D
Acq: 13 May 2019 14:31

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MS

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.6	8.4
138	17.0	14.8	22.2

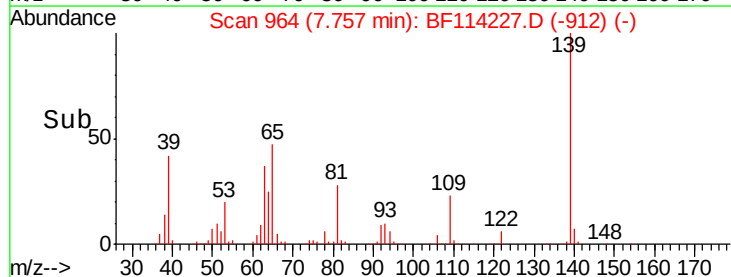
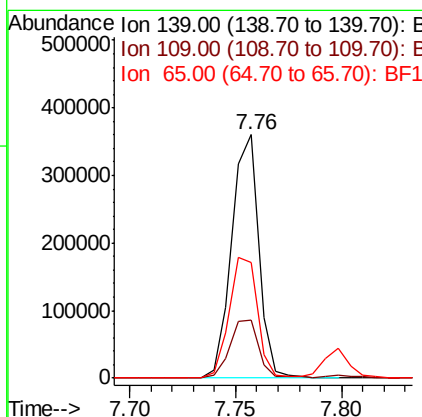
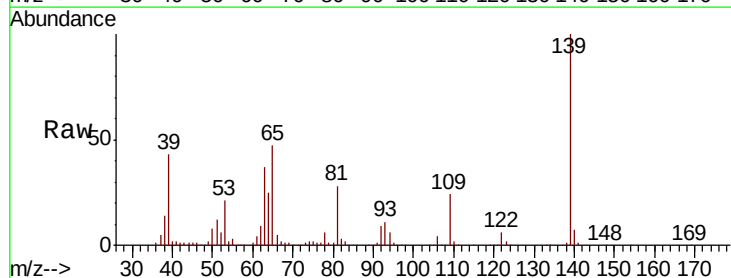
Manual Integrations
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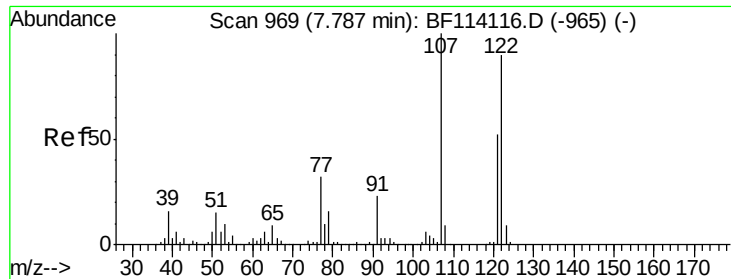
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#26
2-Nitrophenol
Concen: 37.094 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.01 min
Lab File: BF114227.D
Acq: 13 May 2019 14:31

Tgt Ion	Ratio	Lower	Upper
139	100		
109	23.7	20.7	31.1
65	47.3	40.2	60.2





#27

2,4-Dimethylphenol

Concen: 26.760 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF114227.D

Acq: 13 May 2019 14:31

Instrument :

BNA_F

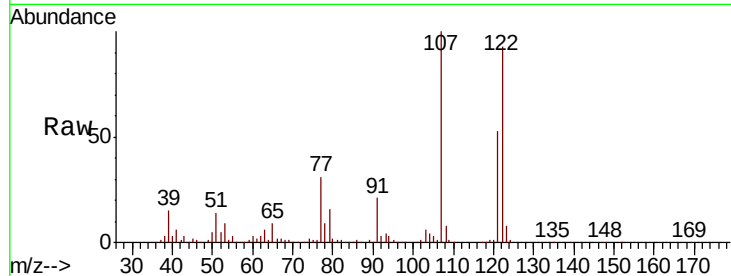
ClientSampleId :

P026-SS012-0002-01MS

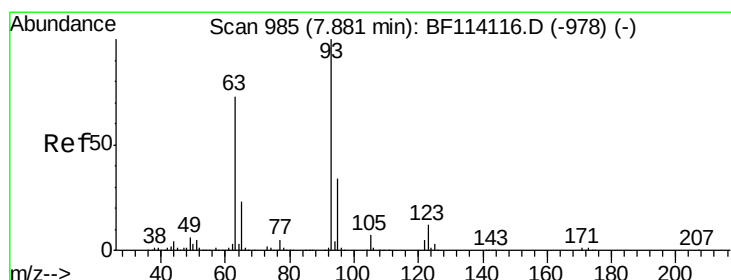
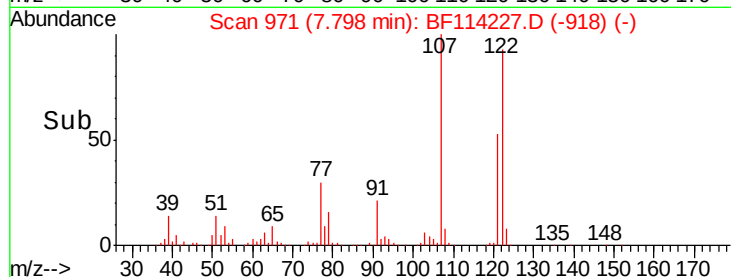
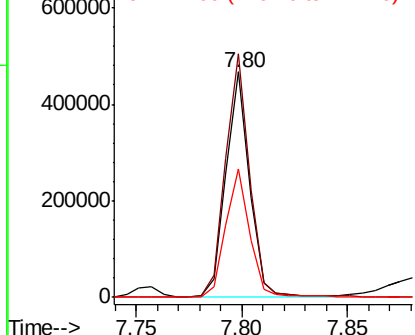
Tot Ion:	122	Resp:	361868
Ion Ratio	Lower	Upper	
122	100		
107	108.0	88.4	132.6
121	57.0	45.9	68.9

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 35.433 ng

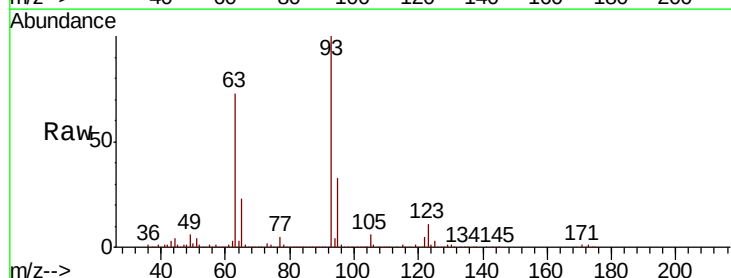
RT: 7.88 min Scan# 985

Delta R.T. 0.00 min

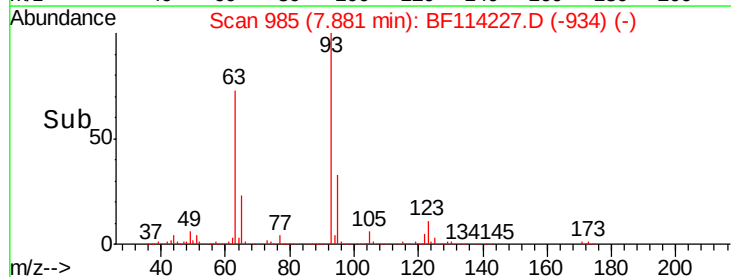
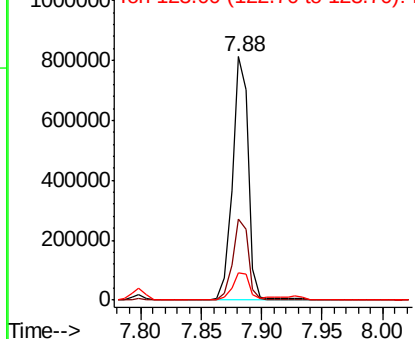
Lab File: BF114227.D

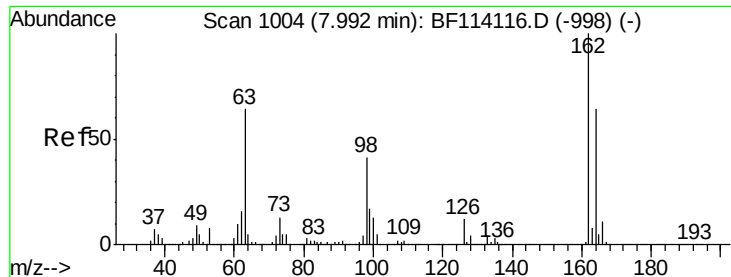
Acq: 13 May 2019 14:31

Tgt Ion:	93	Resp:	742941
Ion Ratio	Lower	Upper	
93	100		
95	33.2	26.8	40.2
123	11.3	9.5	14.3



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





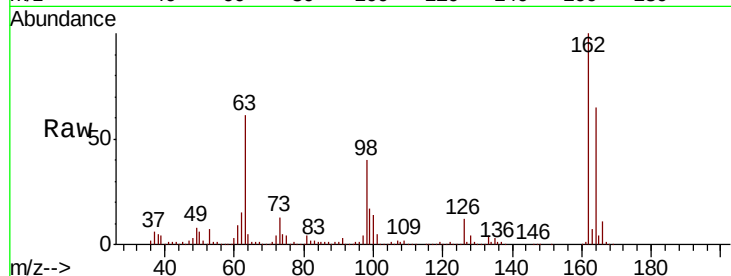
#29
 2,4-Dichlorophenol
 Concen: 34.909 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. 0.01 min
 Lab File: BF114227.D
 Acq: 13 May 2019 14:31

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS012-0002-01MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	470064		
164	64.7	43.6	83.6	
98	40.0	20.6	60.6	

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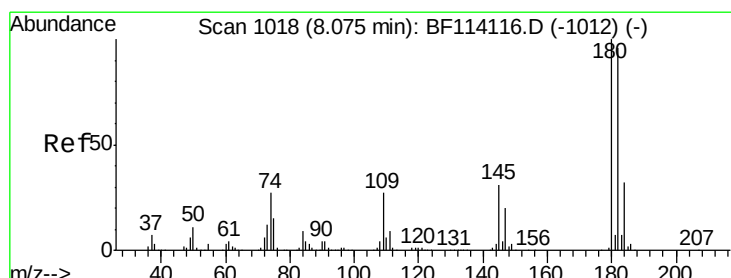
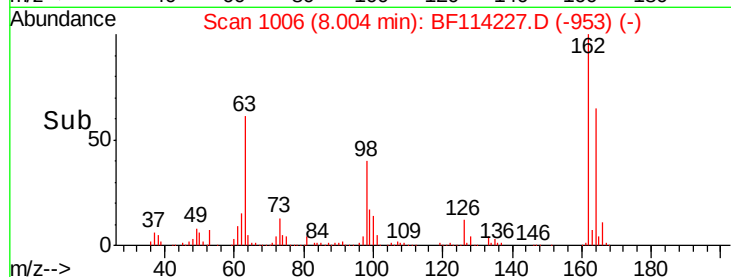
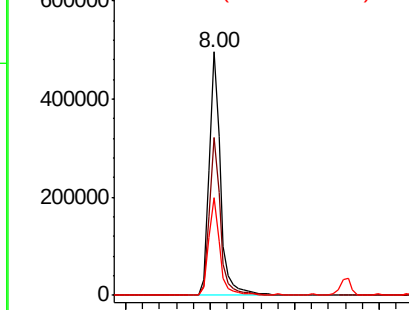


Abundance

Ion 162.00 (161.70 to 162.70): E

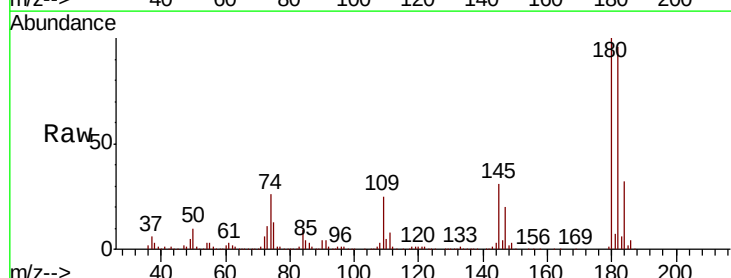
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 31.217 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: BF114227.D
 Acq: 13 May 2019 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	477991		
182	96.0	76.6	114.8	
145	31.1	25.1	37.7	

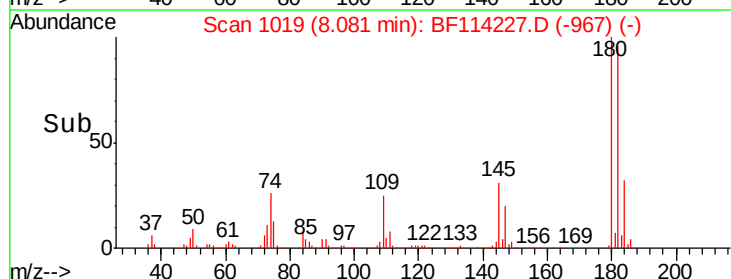
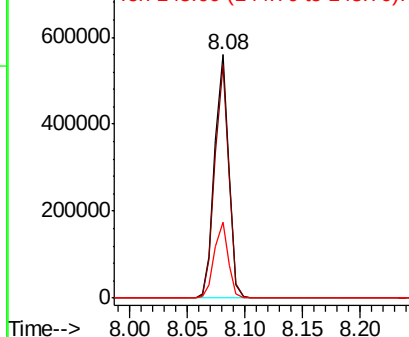


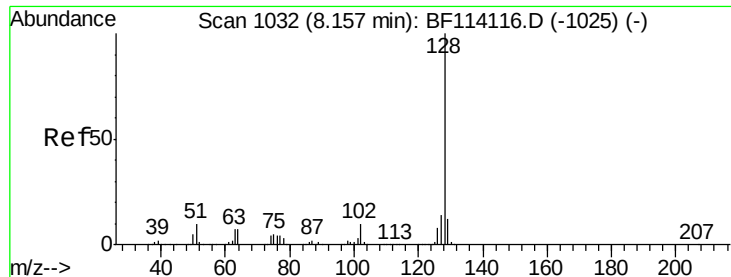
Abundance

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





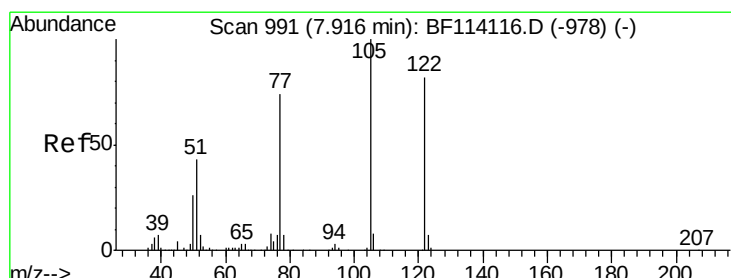
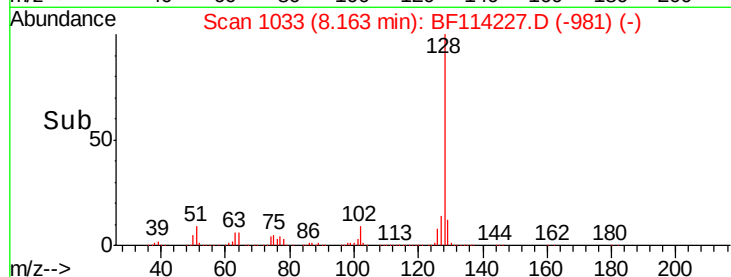
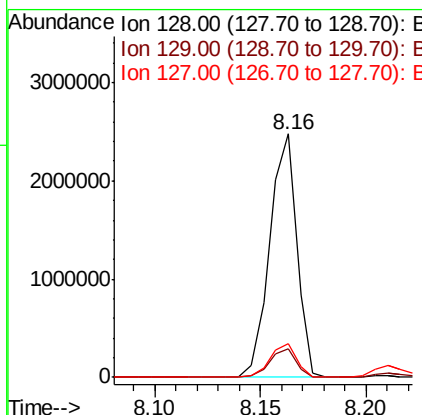
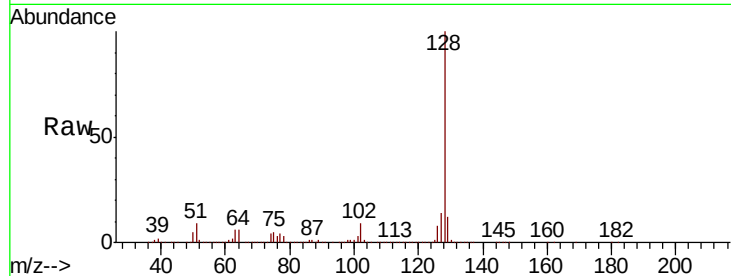
#31
Naphthalene
Concen: 48.486 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BF114227.D
Acq: 13 May 2019 14:31

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.6	14.4
127	14.0	11.3	16.9

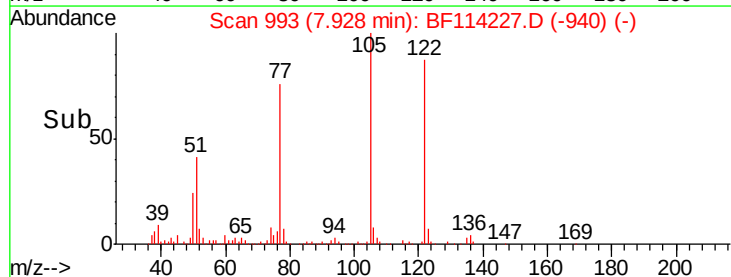
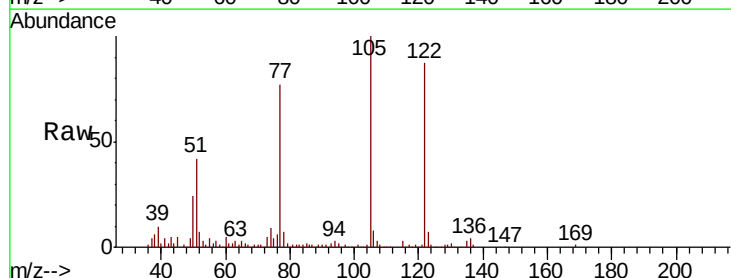
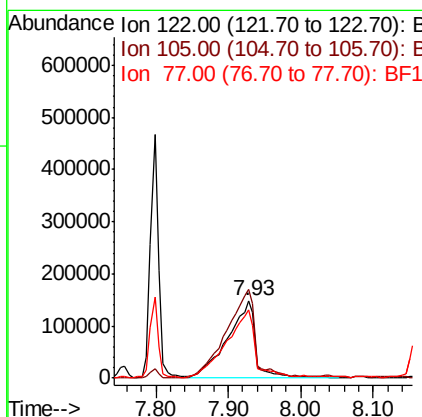
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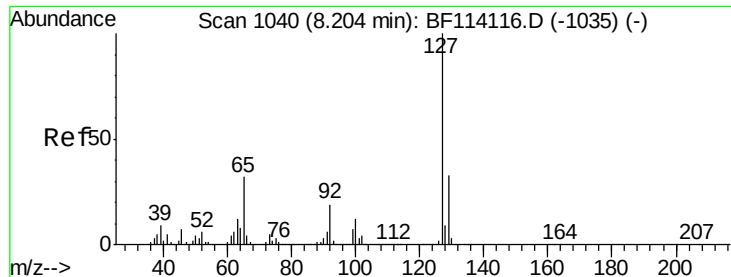
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#32
Benzoic acid
Concen: 41.391 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BF114227.D
Acq: 13 May 2019 14:31

Tgt Ion	Ratio	Lower	Upper
122	100		
105	115.4	99.9	139.9
77	88.9	69.4	109.4





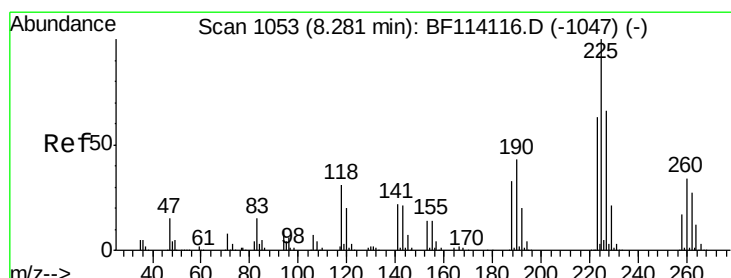
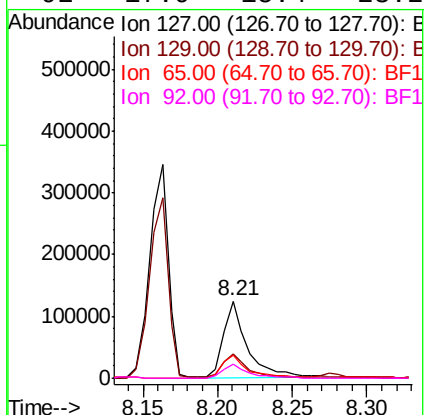
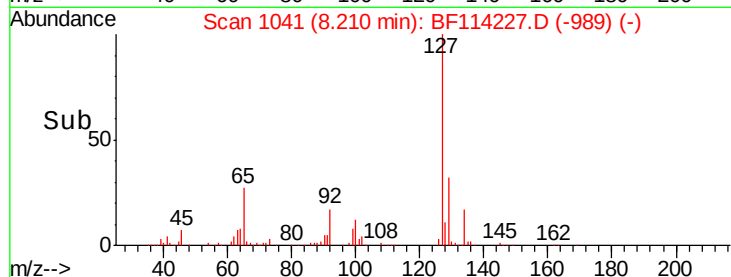
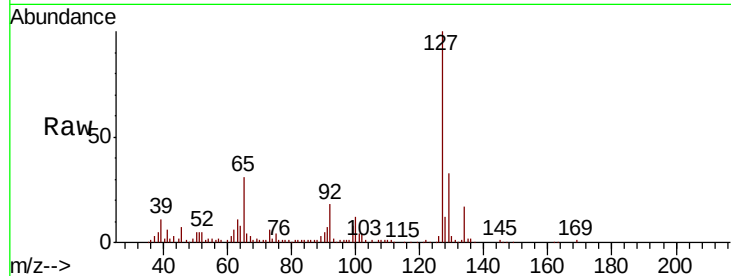
#33
4-Chloroaniline
Concen: 6.786 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF114227.D
Acq: 13 May 2019 14:31

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	26.7	40.1		
65	30.6	25.4	38.0		
92	17.9	15.4	23.2		

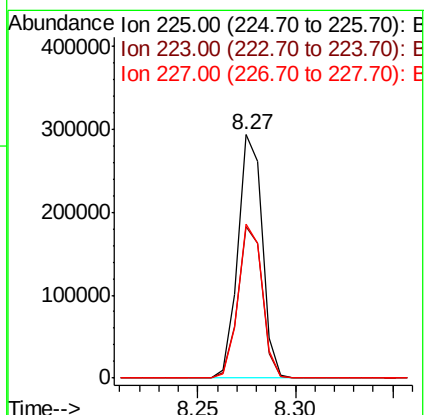
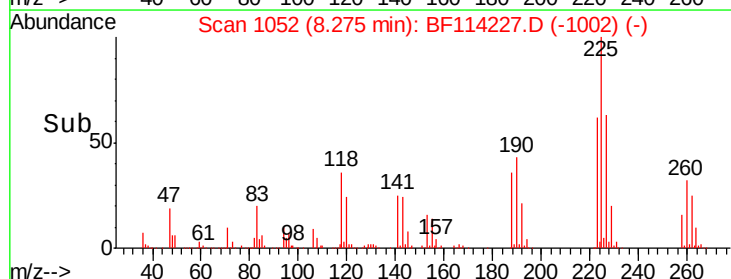
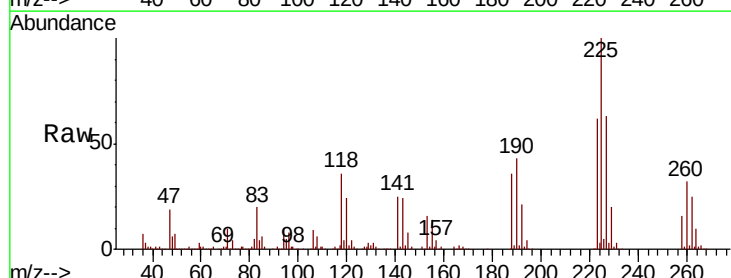
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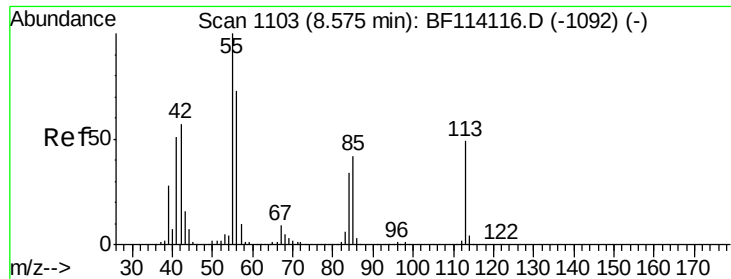
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#34
Hexachlorobutadiene
Concen: 29.136 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF114227.D
Acq: 13 May 2019 14:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.4	50.2	75.2		
227	63.4	52.6	79.0		





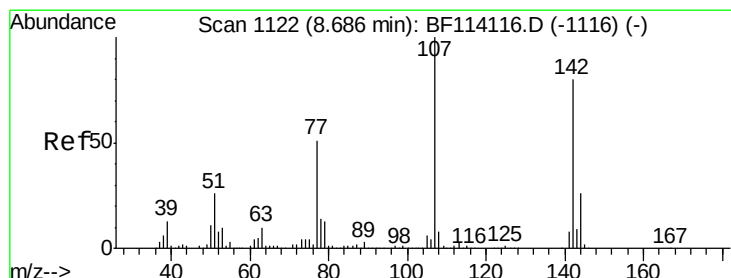
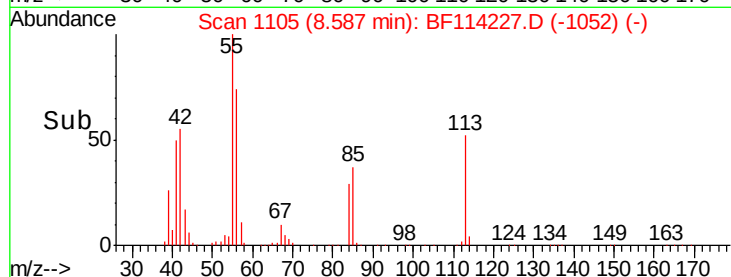
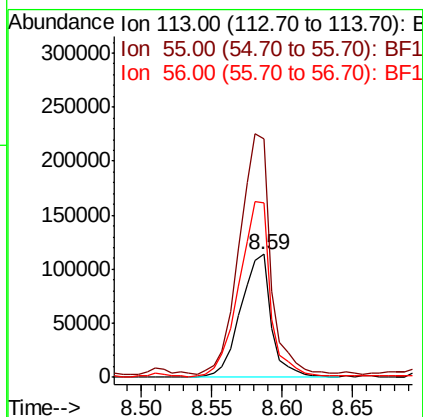
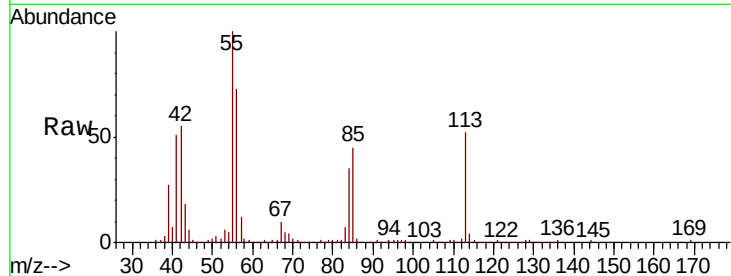
#35
Caprolactam
Concen: 39.570 ng
RT: 8.59 min Scan# 1105
Delta R.T. 0.01 min
Lab File: BF114227.D
Acq: 13 May 2019 14:31

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	193.6		183.5	223.5	
56	141.8		128.8	168.8	

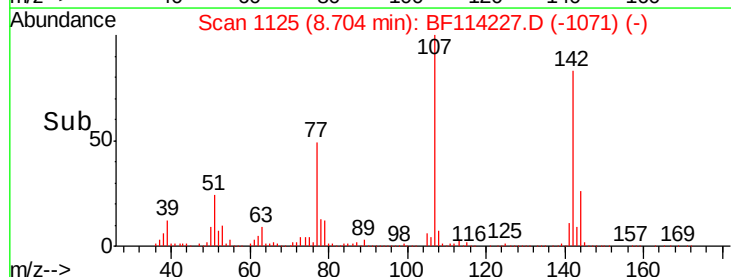
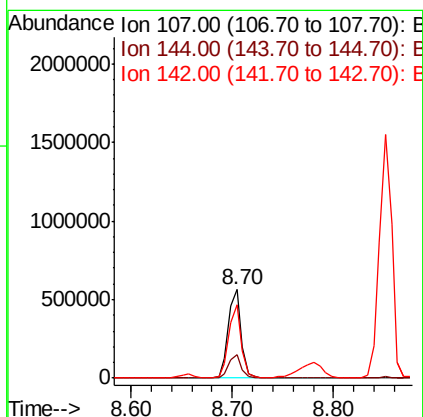
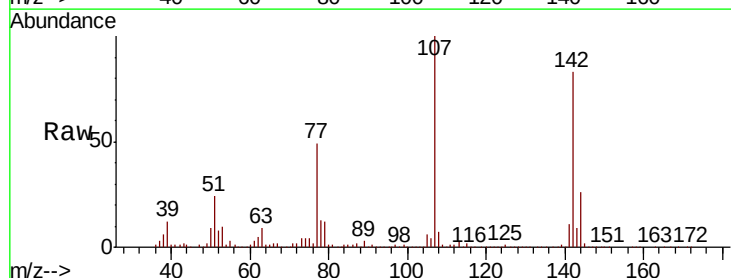
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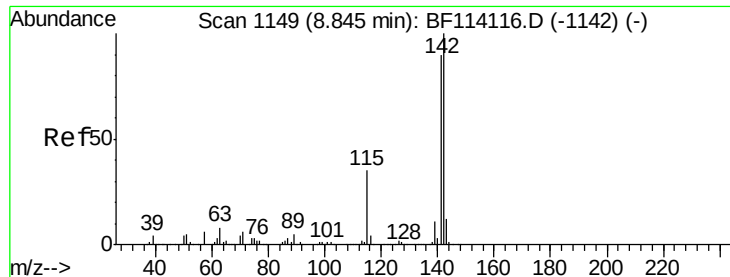
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#36
4-Chloro-3-methylphenol
Concen: 36.494 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.02 min
Lab File: BF114227.D
Acq: 13 May 2019 14:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	26.3		20.4	30.6	
142	83.3		64.2	96.4	





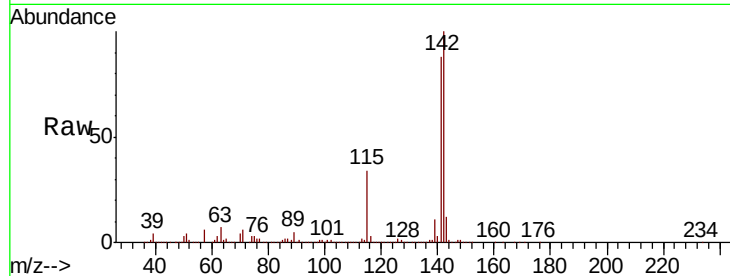
#37
2-Methylnaphthalene
Concen: 44.808 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BF114227.D
Acq: 13 May 2019 14:31

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	72.1	108.1
115	33.7	28.0	42.0

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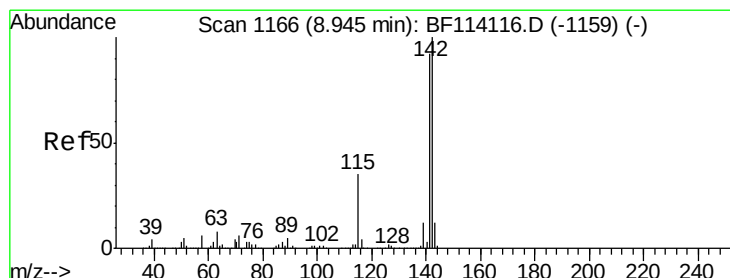
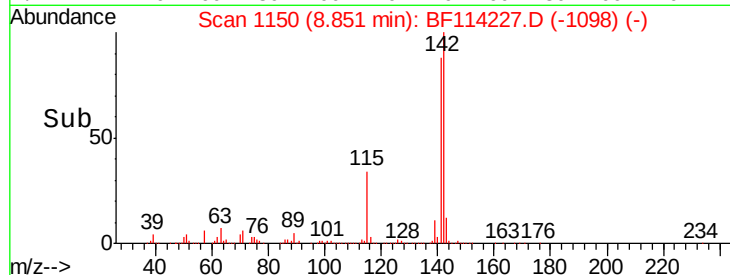
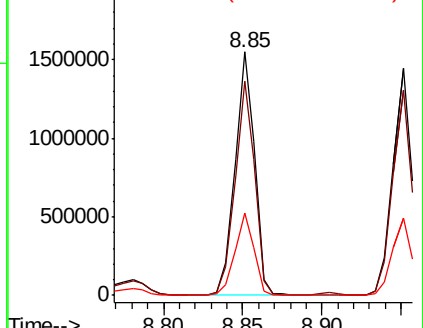


Abundance

Ion 142.00 (141.70 to 142.70): E

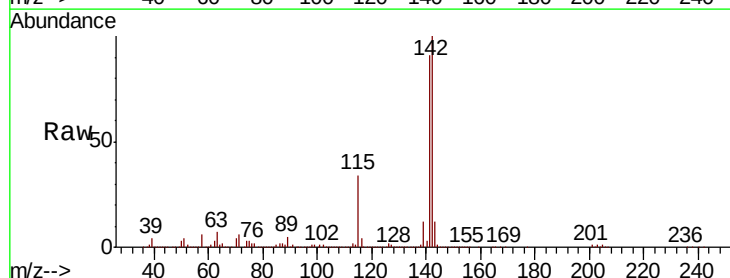
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 42.473 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.01 min
Lab File: BF114227.D
Acq: 13 May 2019 14:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	73.4	110.0
116	3.7	3.1	4.7

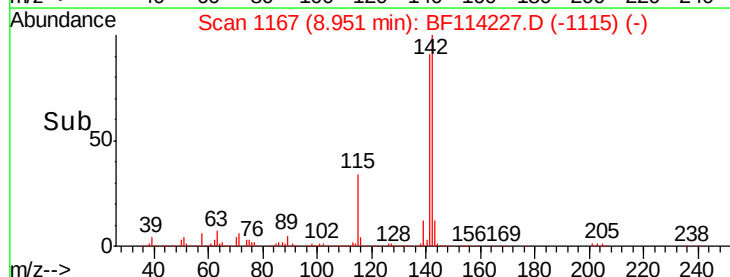
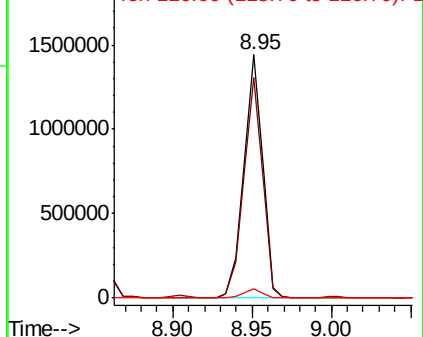


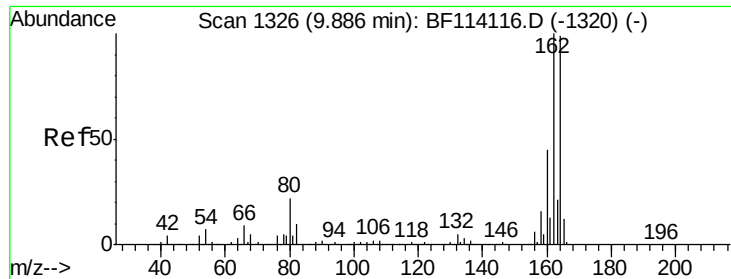
Abundance

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





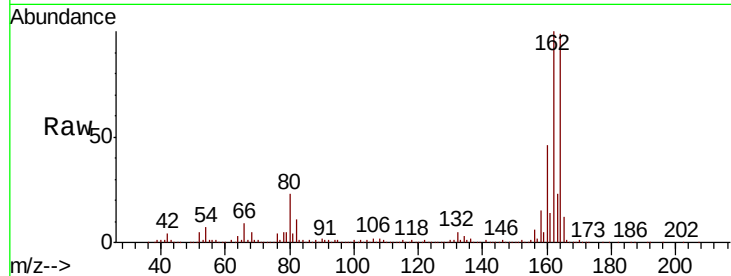
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF114227.D
Acq: 13 May 2019 14:31

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MS

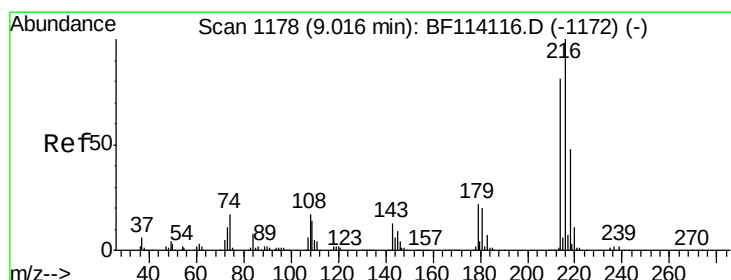
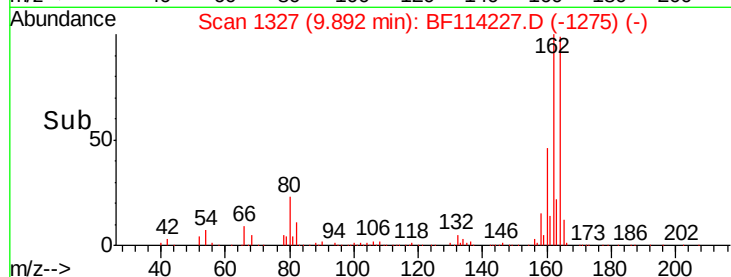
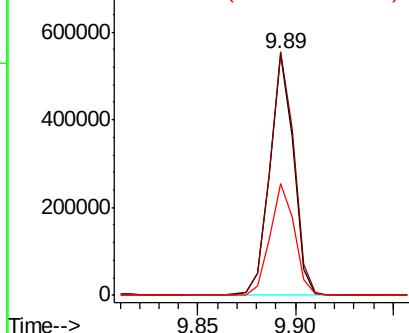
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.8	80.6	120.8	
160	46.3	36.5	54.7	

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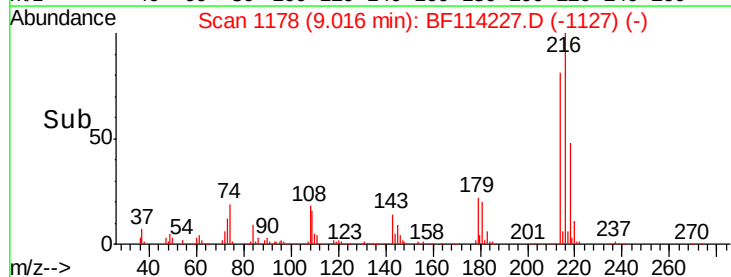
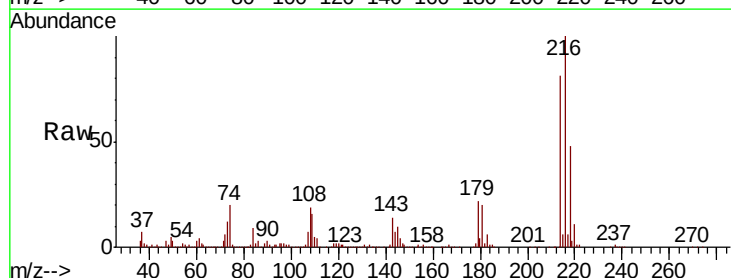
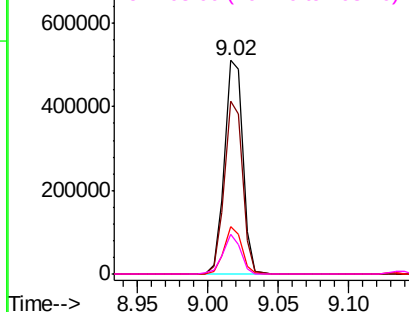
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

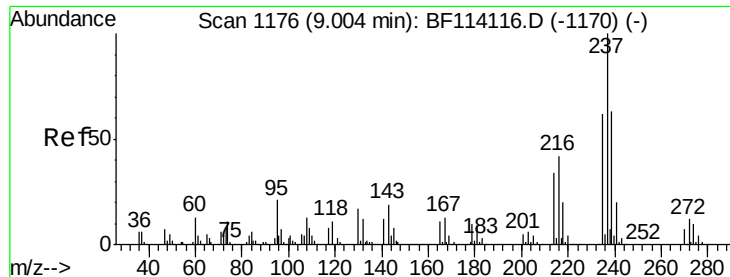


#40
1,2,4,5-Tetrachlorobenzene
Concen: 32.979 ng
RT: 9.02 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF114227.D
Acq: 13 May 2019 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.9	63.9	95.9	
179	21.1	17.0	25.6	
108	17.6	14.8	22.2	

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 13.659 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF114227.D

Acq: 13 May 2019 14:31

Instrument :

BNA_F

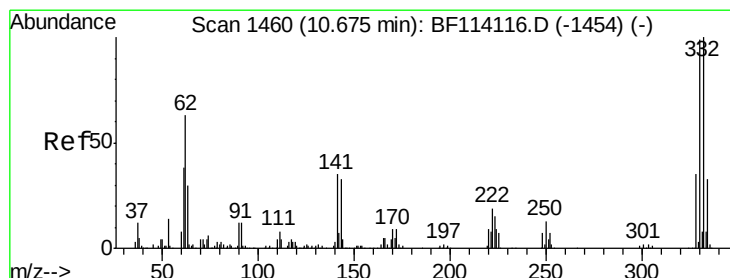
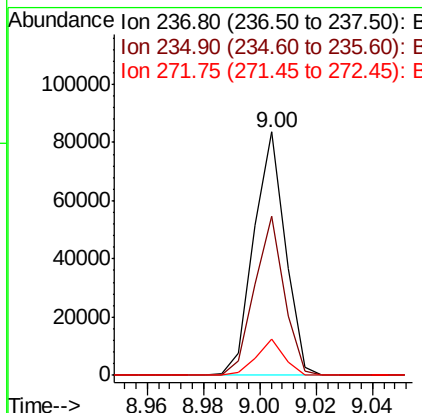
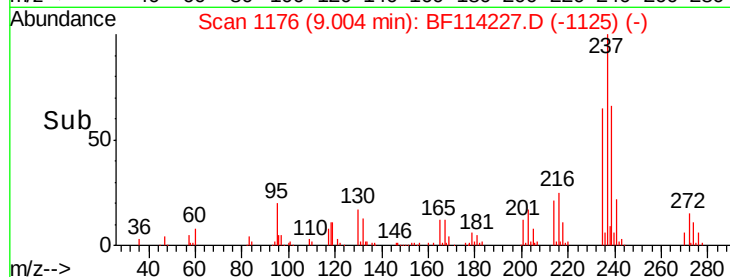
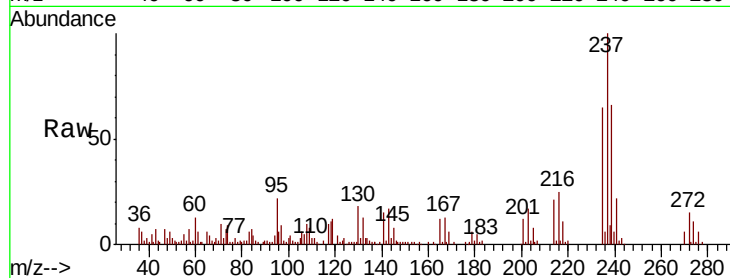
ClientSampleId :

P026-SS012-0002-01MS

Tot Ion:	237	Resp:	64569
Ion Ratio	Lower	Upper	
237	100		
235	65.2	42.0	82.0
272	14.9	0.0	32.4

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#42

2,4,6-Tribromophenol

Concen: 93.653 ng

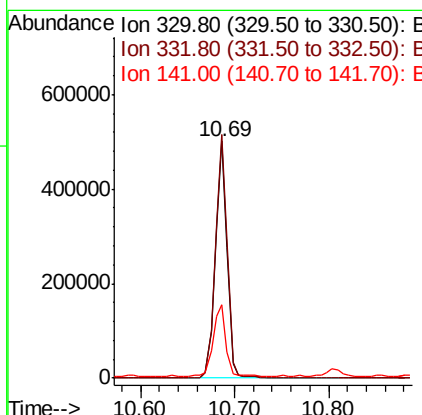
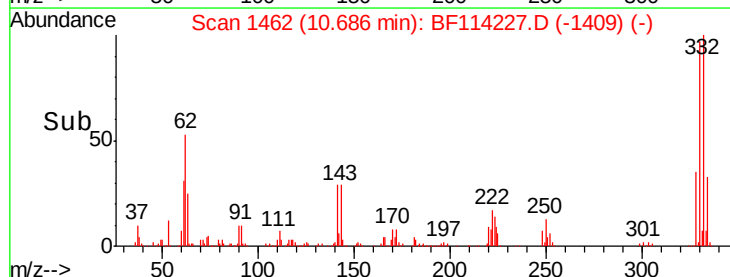
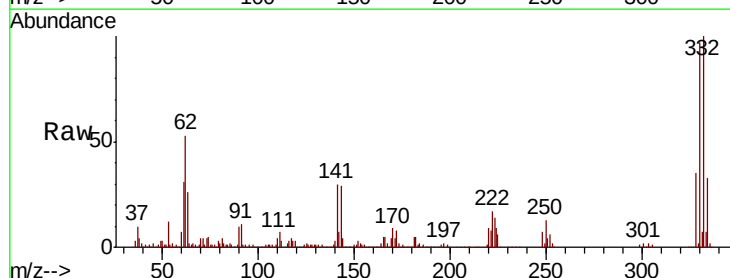
RT: 10.69 min Scan# 1462

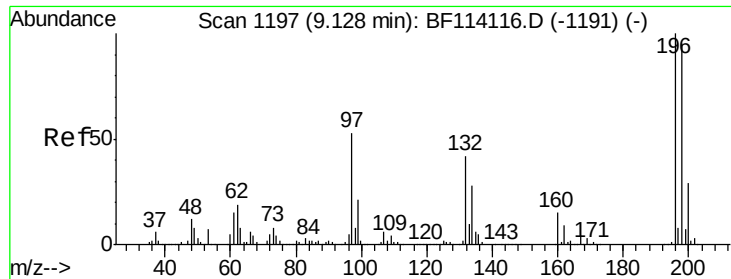
Delta R.T. 0.01 min

Lab File: BF114227.D

Acq: 13 May 2019 14:31

Tgt Ion:	330	Resp:	448877
Ion Ratio	Lower	Upper	
330	100		
332	103.2	81.4	122.2
141	30.8	26.6	40.0





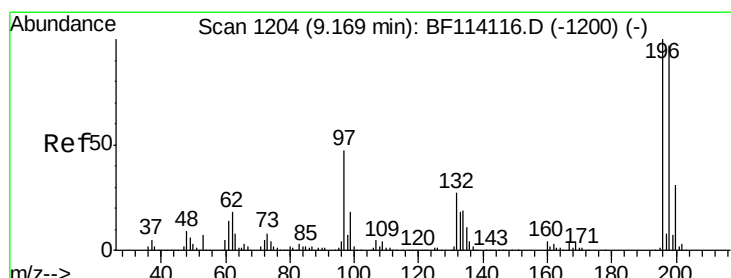
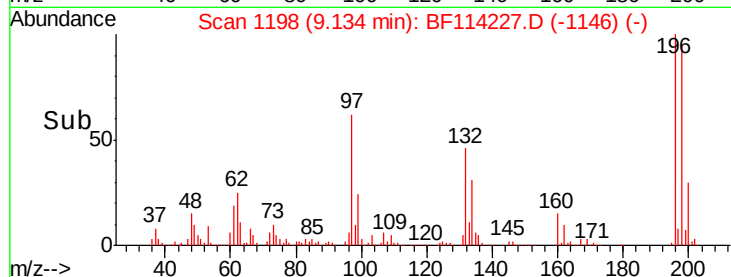
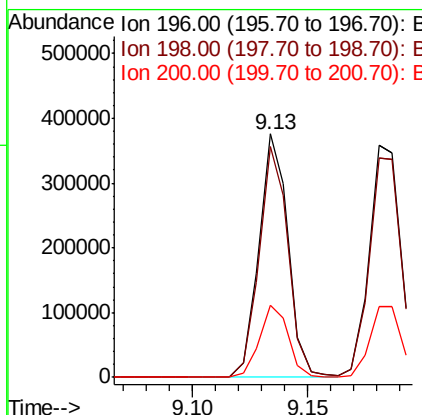
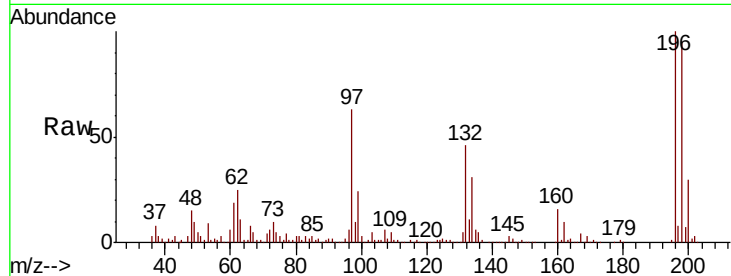
#43
2,4,6-Trichlorophenol
Concen: 34.361 ng
RT: 9.13 min Scan# 1198
Delta R.T. 0.01 min
Lab File: BF114227.D
Acq: 13 May 2019 14:31

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	331914		
198	95.0	75.9	113.9	
200	29.8	23.5	35.3	

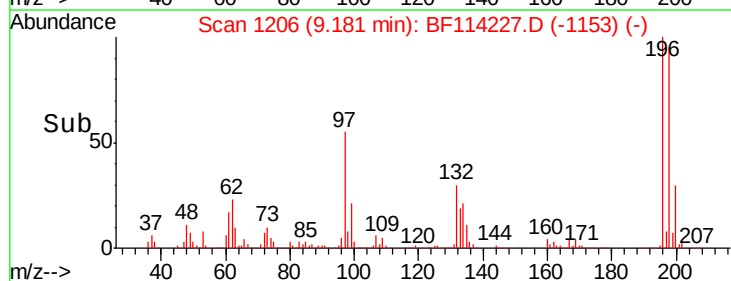
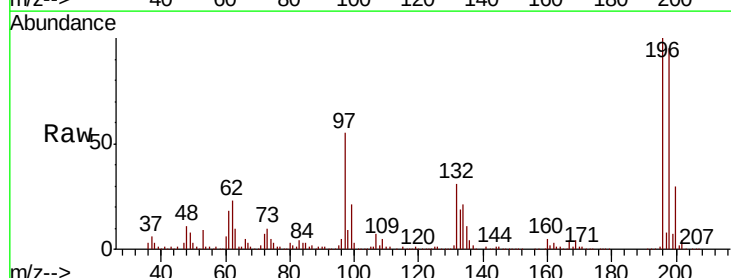
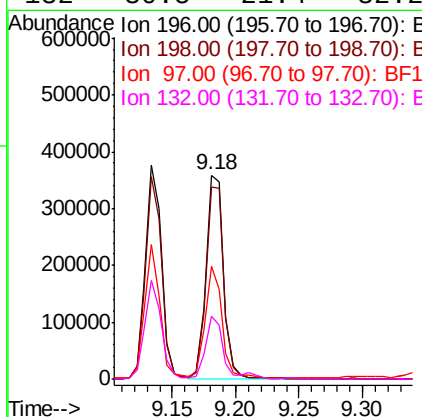
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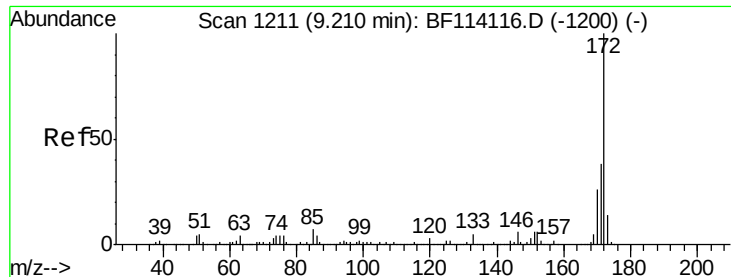
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#44
2,4,5-Trichlorophenol
Concen: 35.172 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BF114227.D
Acq: 13 May 2019 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	348427		
198	94.5	77.7	116.5	
97	55.3	38.2	57.2	
132	30.5	21.4	32.2	





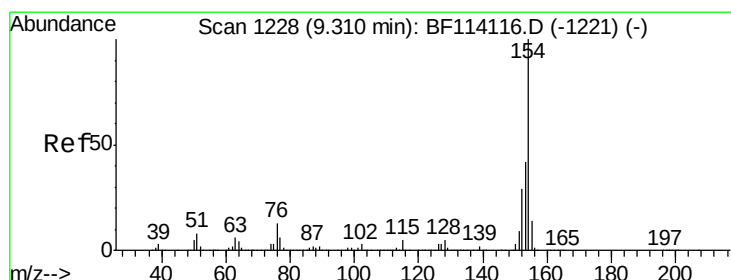
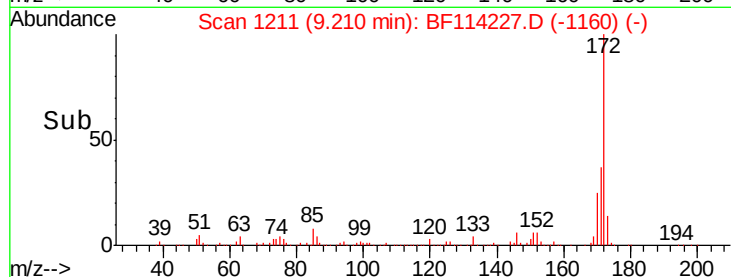
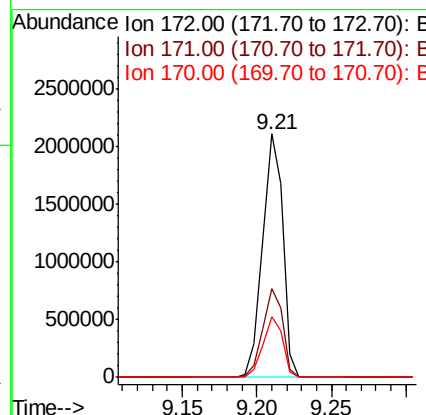
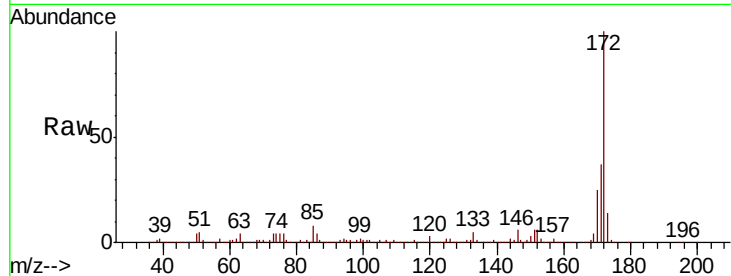
#45
2-Fluorobiphenyl
Concen: 63.881 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF114227.D
Acq: 13 May 2019 14:31

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.7	46.1
170	24.8	20.5	30.7

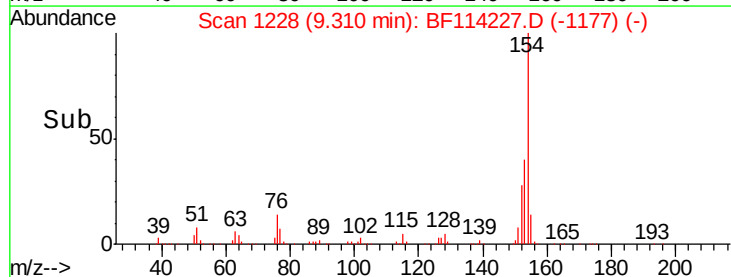
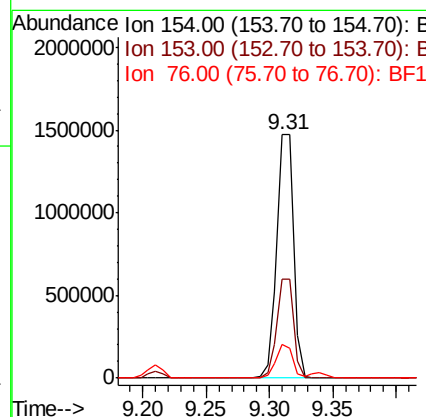
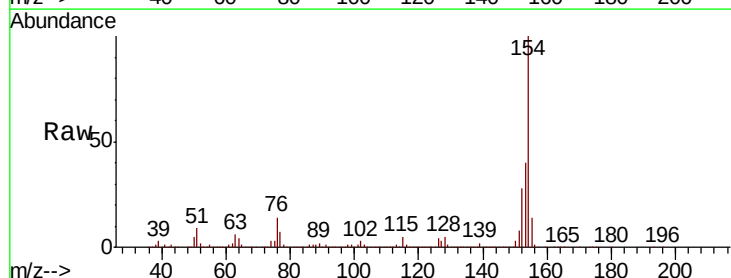
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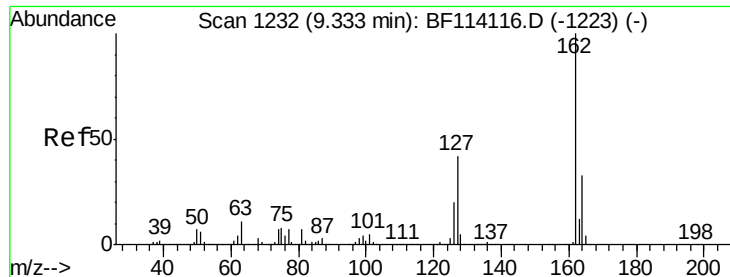
Sohil
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#46
1,1'-Biphenyl
Concen: 36.186 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF114227.D
Acq: 13 May 2019 14:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	21.9	61.9
76	14.1	0.0	32.8





#47

2-Chloronaphthalene

Concen: 31.479 ng

RT: 9.34 min Scan# 1233

Delta R.T. 0.01 min

Lab File: BF114227.D

Acq: 13 May 2019 14:31

Instrument :

BNA_F

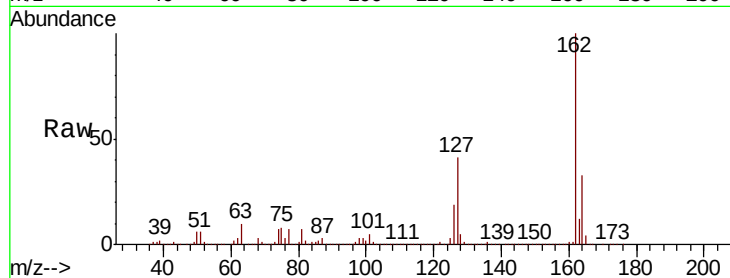
ClientSampleId :

P026-SS012-0002-01MS

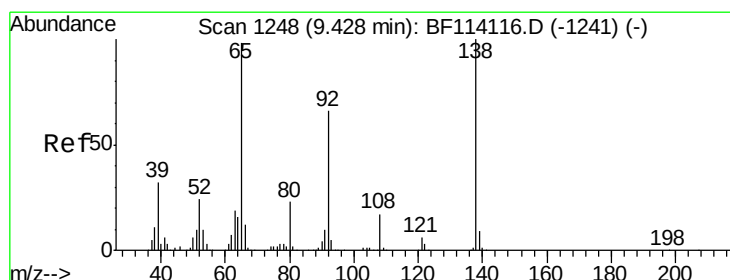
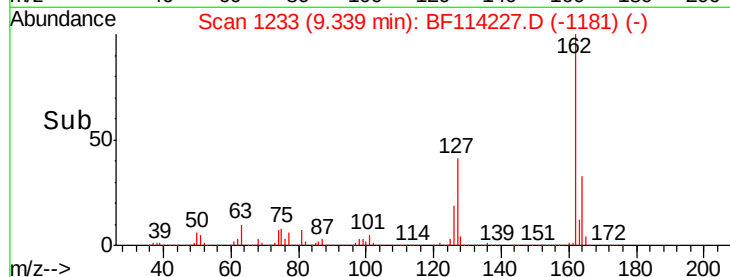
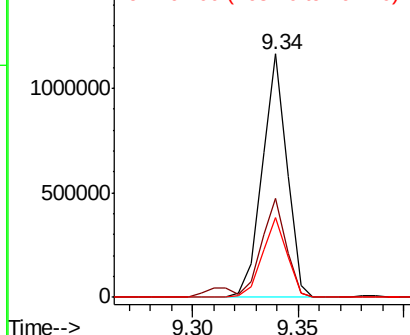
Tot Ion:	162	Resp:	948846
Ion Ratio	Lower	Upper	
162	100		
127	40.6	34.0	51.0
164	32.8	26.7	40.1

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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: 32.604 ng

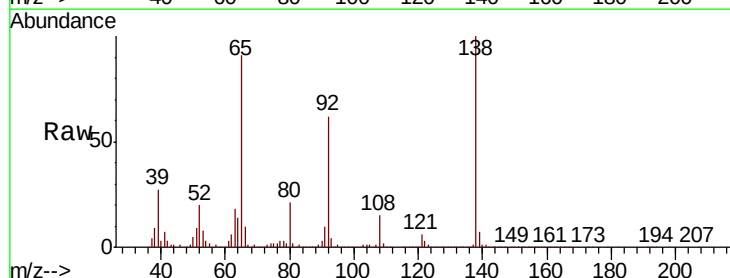
RT: 9.44 min Scan# 1250

Delta R.T. 0.01 min

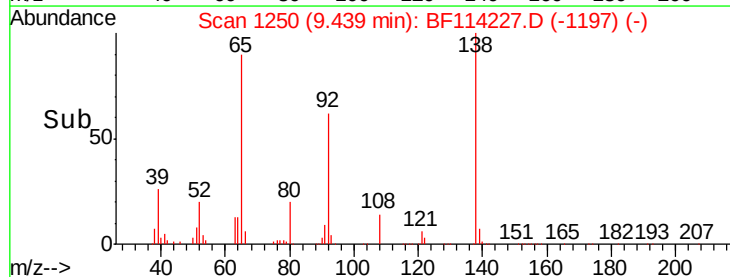
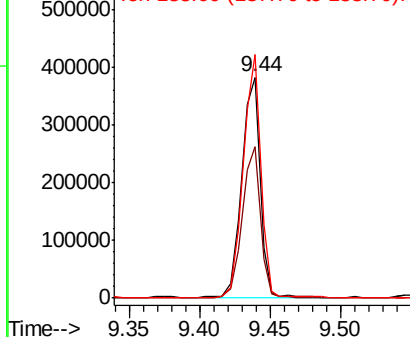
Lab File: BF114227.D

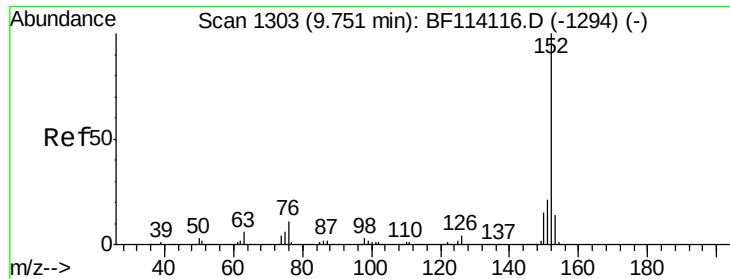
Acq: 13 May 2019 14:31

Tgt Ion:	65	Resp:	348535
Ion Ratio	Lower	Upper	
65	100		
92	68.8	53.9	80.9
138	110.2	81.4	122.0



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: 53.681 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BF114227.D

Acq: 13 May 2019 14:31

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MS

Tot Ion:152 Resp: 2460986

Ion Ratio Lower Upper

152 100

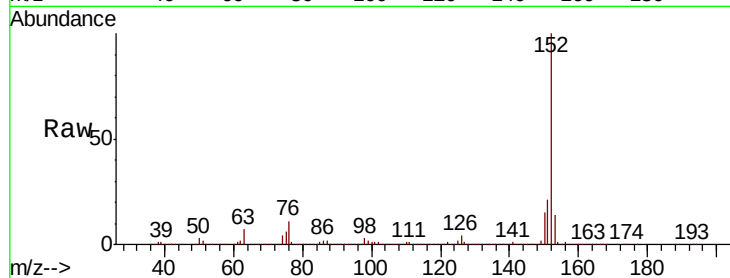
151 21.4 16.8 25.2

153 14.3 11.4 17.2

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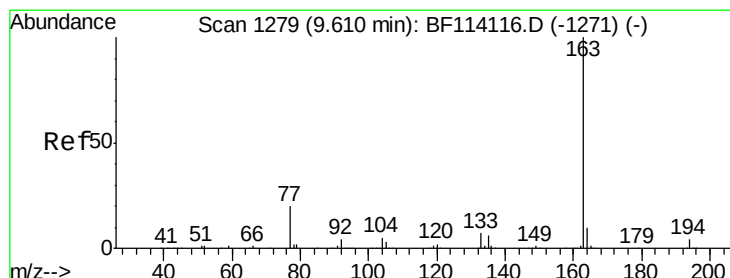
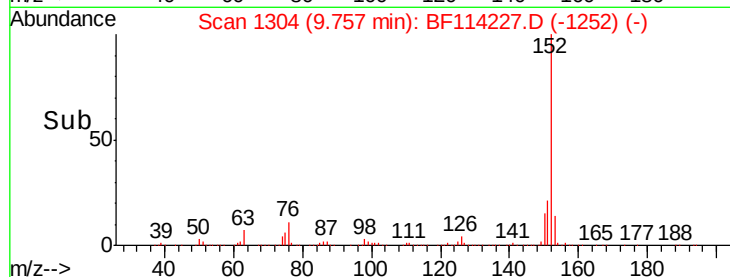
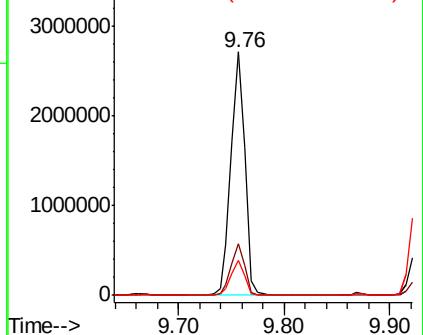
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.993 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF114227.D

Acq: 13 May 2019 14:31

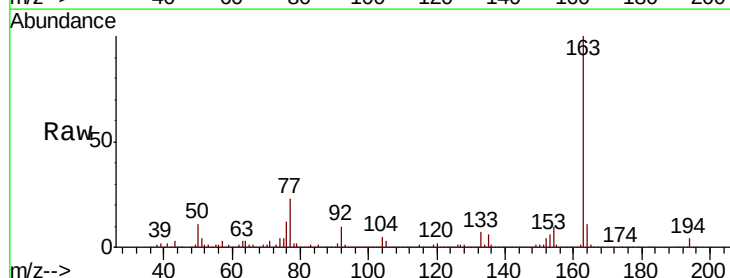
Tgt Ion:163 Resp: 1463185

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

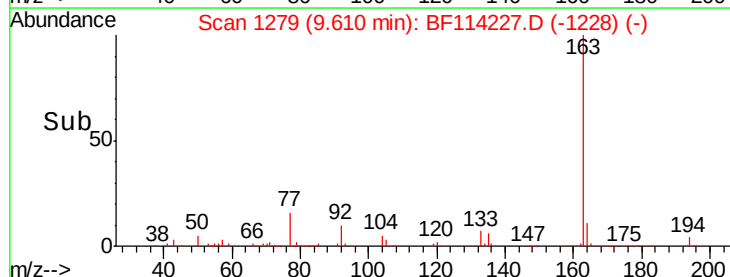
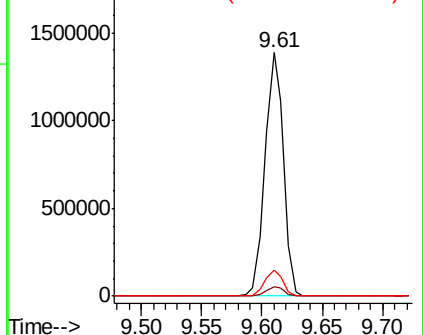
164 10.7 8.2 12.2

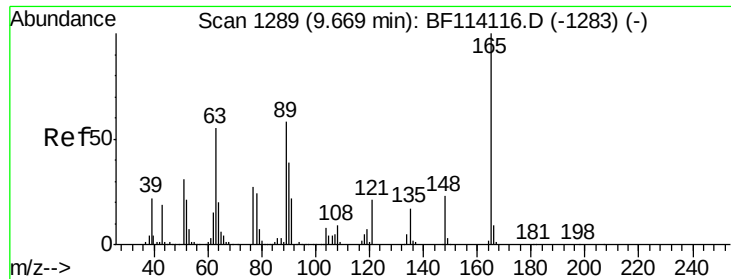


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





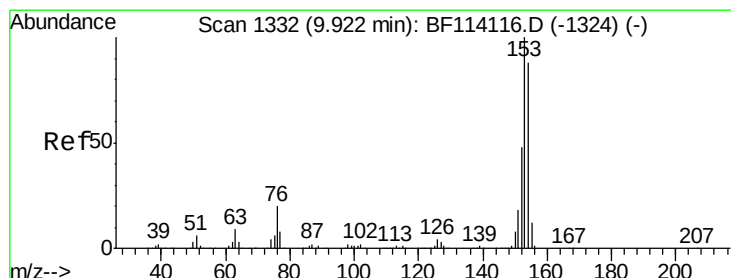
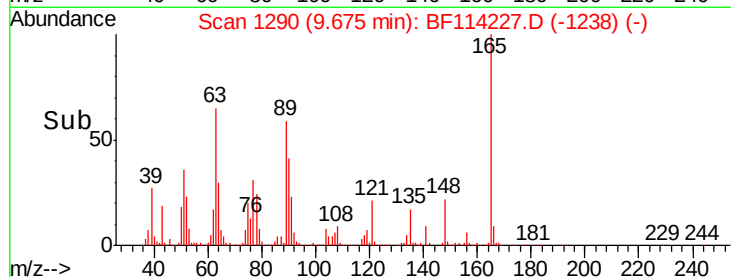
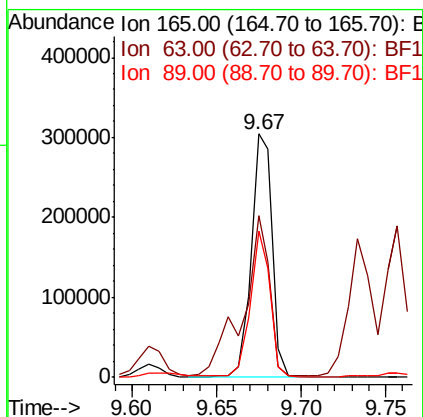
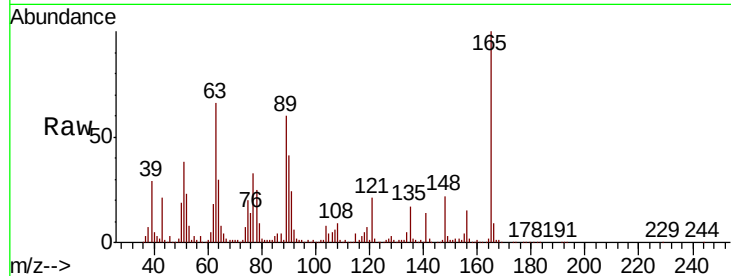
#51
 2,6-Dinitrotoluene
 Concen: 34.857 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. 0.01 min
 Lab File: BF114227.D
 Acq: 13 May 2019 14:31

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS012-0002-01MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	263124		
63	66.5	50.2	75.4	
89	59.9	46.6	69.8	

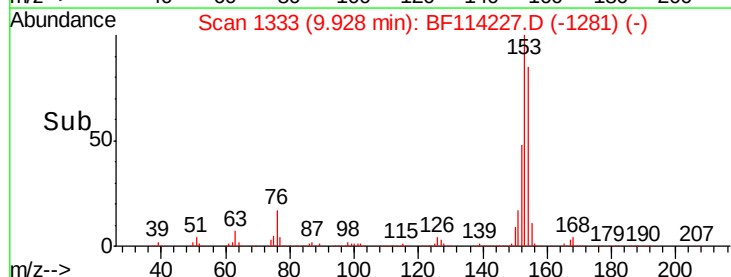
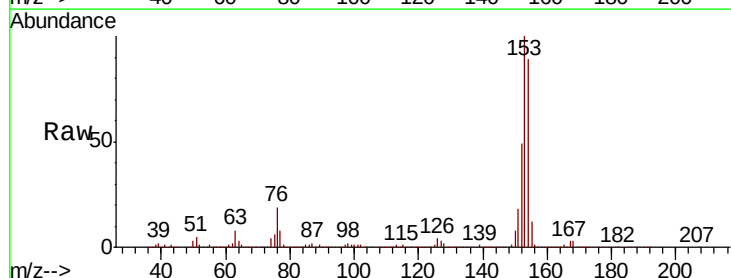
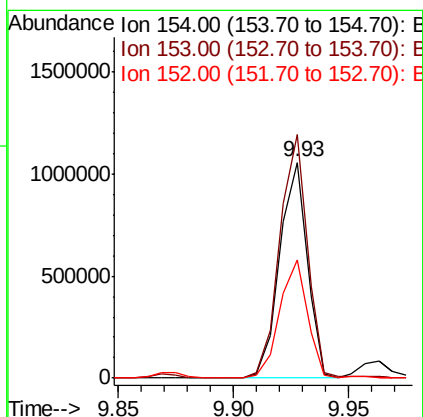
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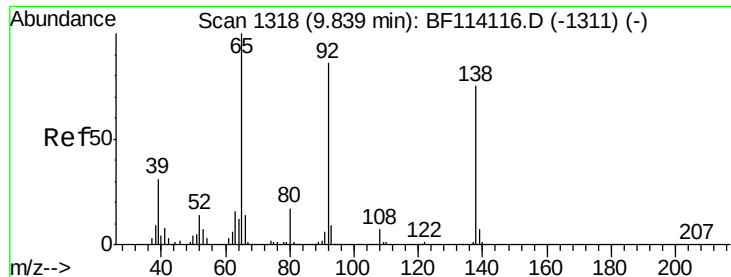
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#52
 Acenaphthene
 Concen: 31.150 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: BF114227.D
 Acq: 13 May 2019 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	876313		
153	112.9	90.5	135.7	
152	54.8	43.4	65.2	





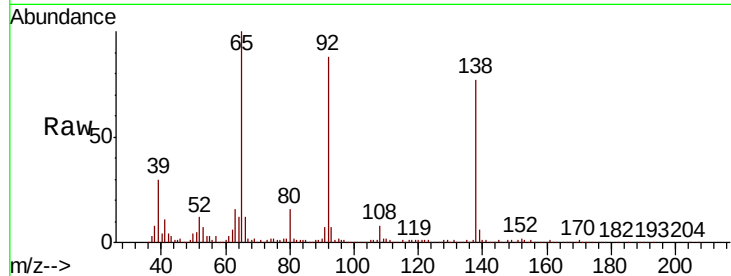
#53
3-Nitroaniline
Concen: 14.312 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF114227.D
Acq: 13 May 2019 14:31

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MS

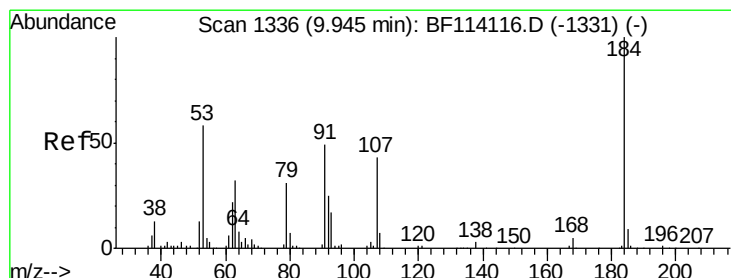
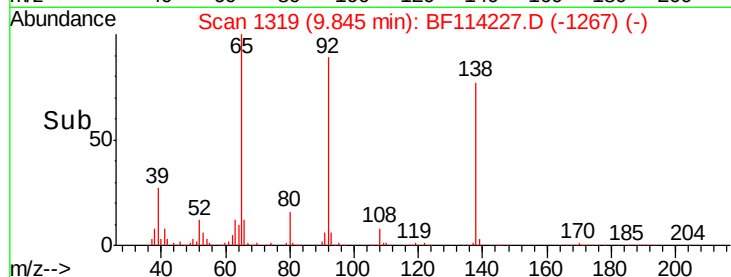
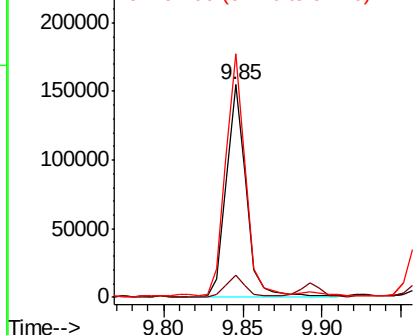
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	7.8	11.6
92	114.5	91.2	136.8

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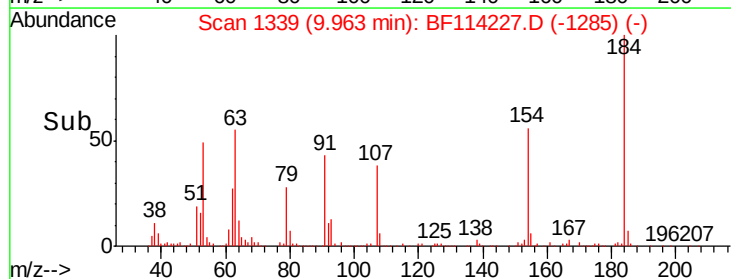
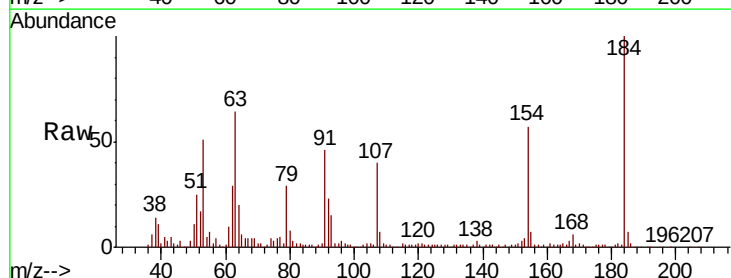
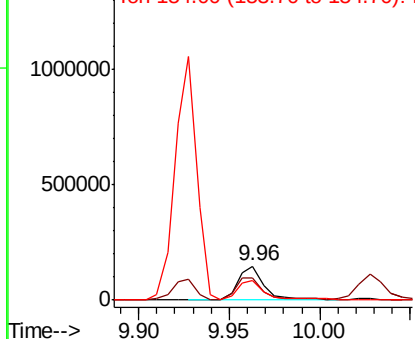
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

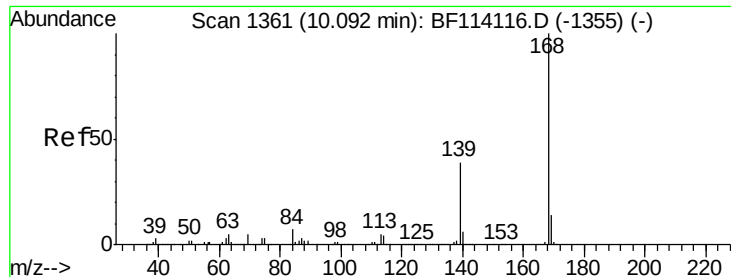


#54
2,4-Dinitrophenol
Concen: 42.061 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.02 min
Lab File: BF114227.D
Acq: 13 May 2019 14:31

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.7	55.6	83.4
154	57.4	46.0	69.0

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





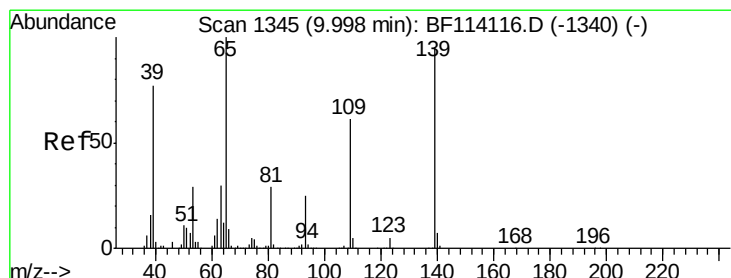
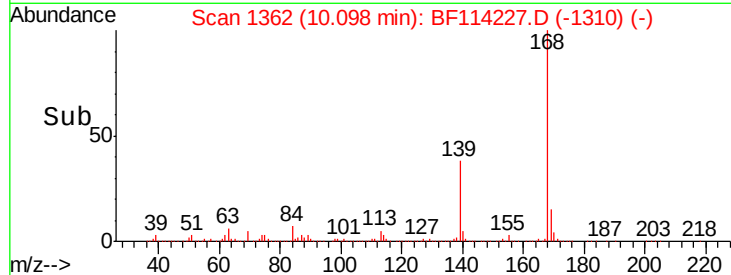
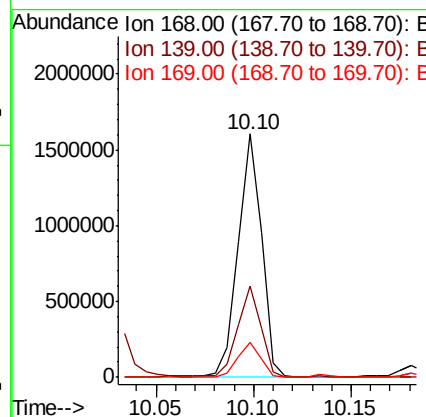
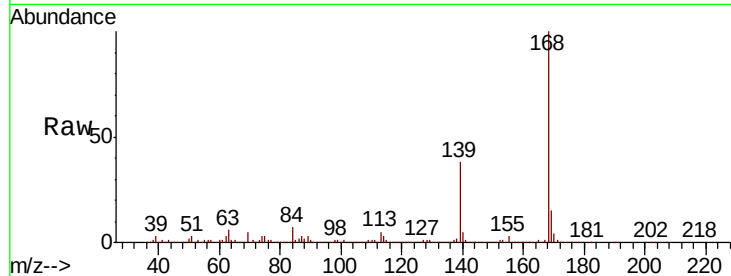
#55
Dibenzofuran
Concen: 32.425 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF114227.D
Acq: 13 May 2019 14:31

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MS

Tot Ion:168 Resp: 1337595
Ion Ratio Lower Upper
168 100
139 37.7 31.1 46.7
169 14.5 11.4 17.0

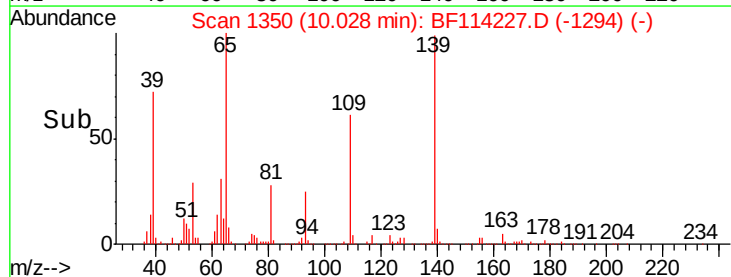
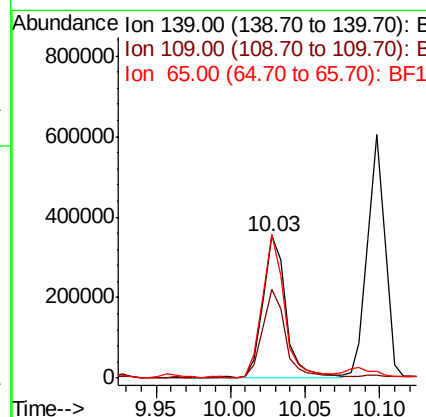
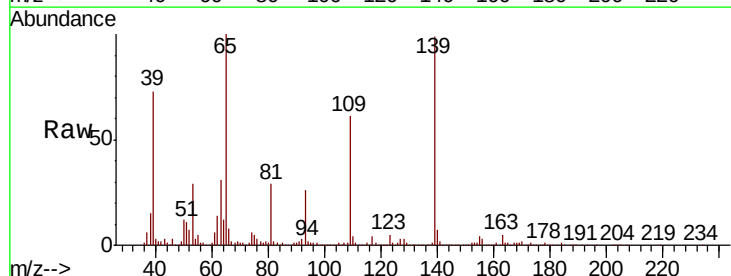
Manual Integrations
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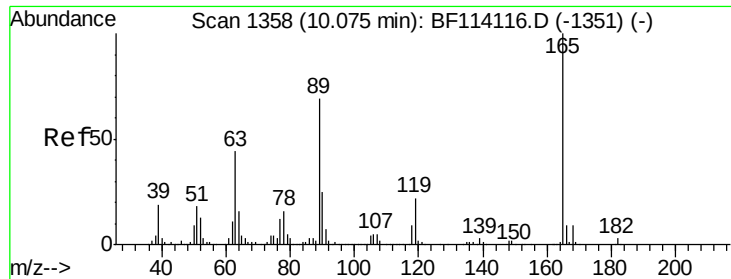
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#56
4-Nitrophenol
Concen: 56.906 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.03 min
Lab File: BF114227.D
Acq: 13 May 2019 14:31

Tgt Ion:139 Resp: 377093
Ion Ratio Lower Upper
139 100
109 62.1 43.9 83.9
65 101.5 85.7 125.7





#57

2,4-Dinitrotoluene

Concen: 34.310 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.01 min

Lab File: BF114227.D

Acq: 13 May 2019 14:31

Instrument :

BNA_F

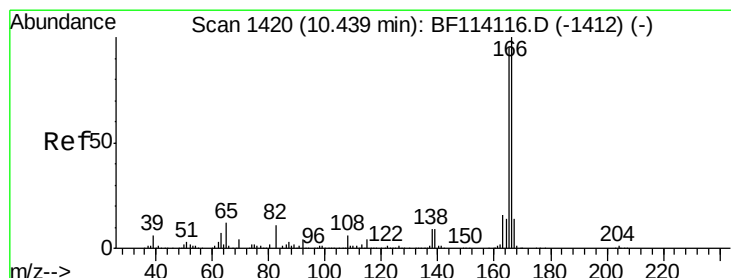
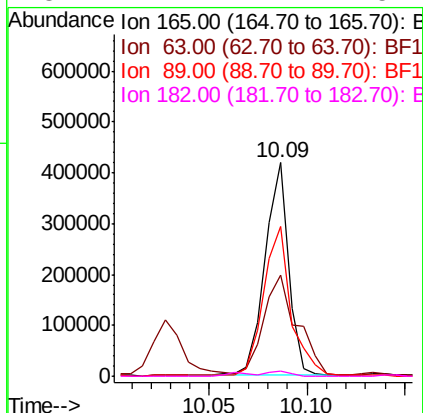
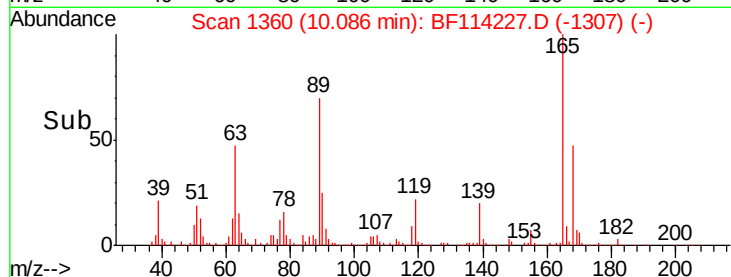
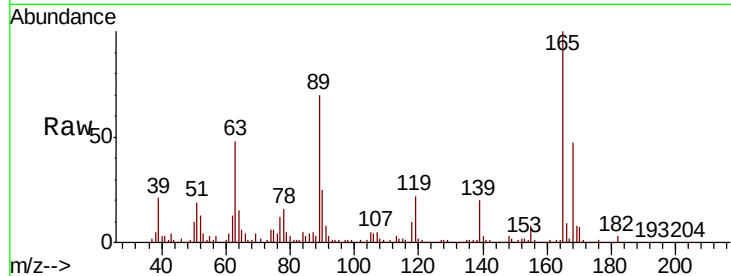
ClientSampleId :

P026-SS012-0002-01MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	351533		
63	47.6	35.5	53.3	
89	70.2	55.2	82.8	
182	2.7	2.2	3.2	

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#58

Fluorene

Concen: 36.228 ng

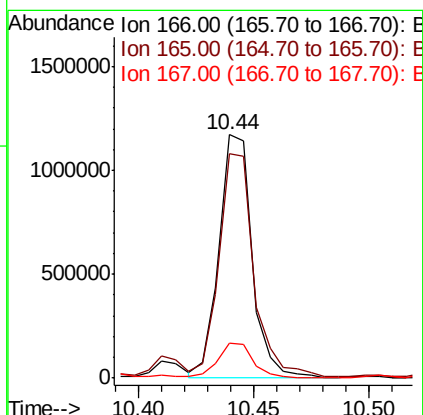
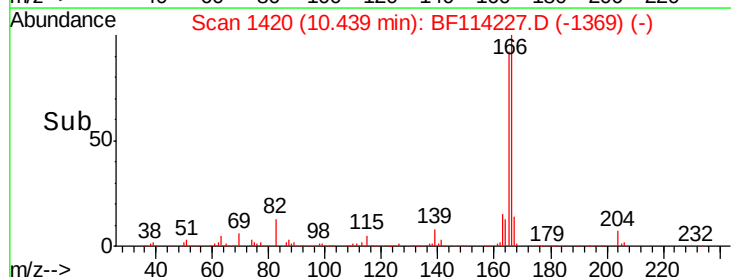
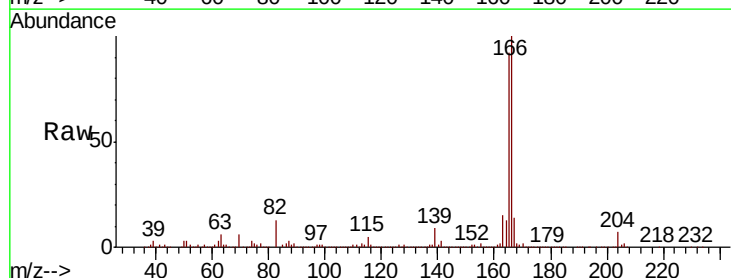
RT: 10.44 min Scan# 1420

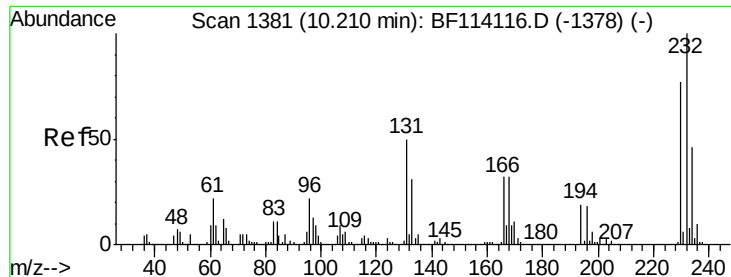
Delta R.T. 0.00 min

Lab File: BF114227.D

Acq: 13 May 2019 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1154350		
165	92.2	76.1	114.1	
167	14.2	11.1	16.7	





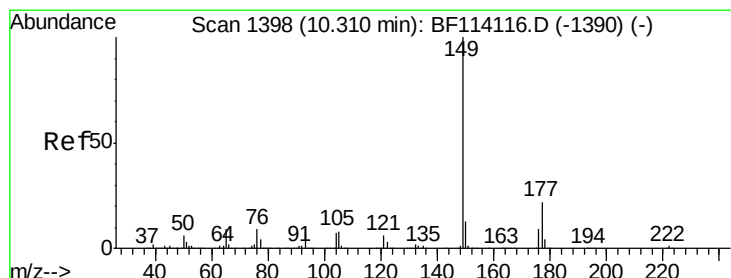
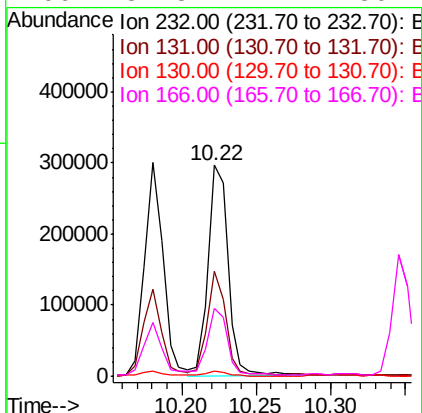
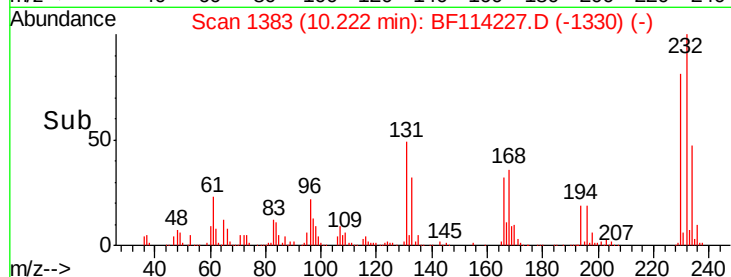
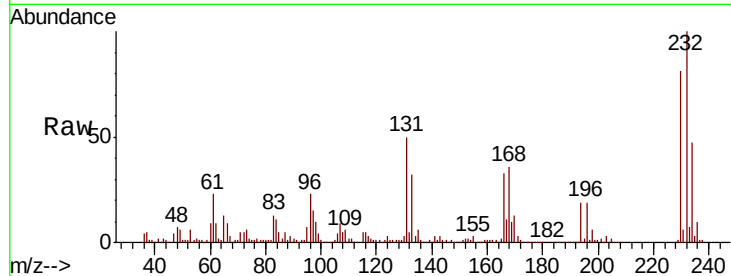
#59
2,3,4,6-Tetrachlorophenol
Concen: 32.522 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.01 min
Lab File: BF114227.D
Acq: 13 May 2019 14:31

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.4	35.6	53.4
130	2.7	1.6	2.4
166	31.8	24.1	36.1

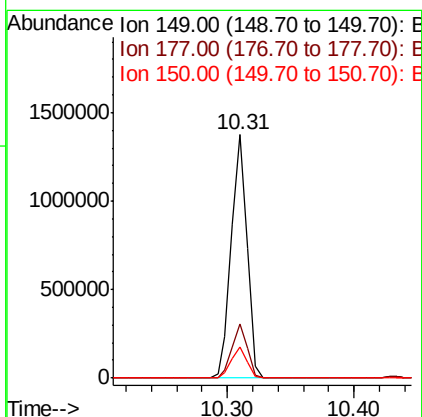
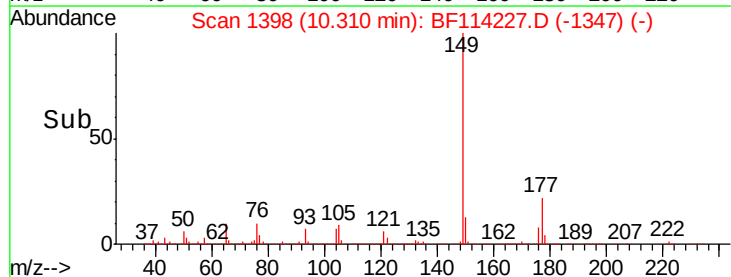
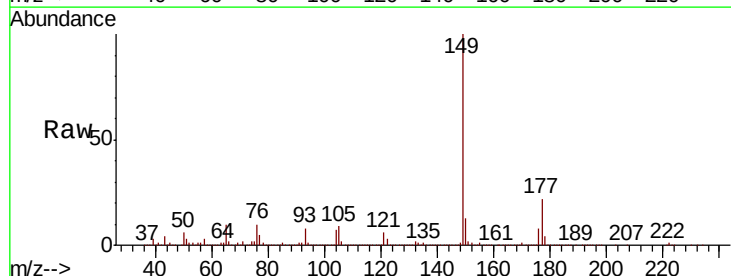
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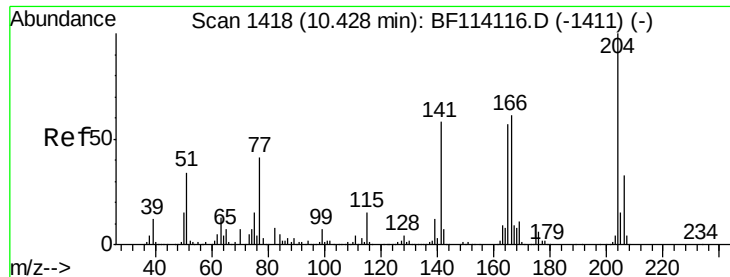
Sohil
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#60
Diethylphthalate
Concen: 33.774 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF114227.D
Acq: 13 May 2019 14:31

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.8	26.6
150	12.6	10.2	15.2





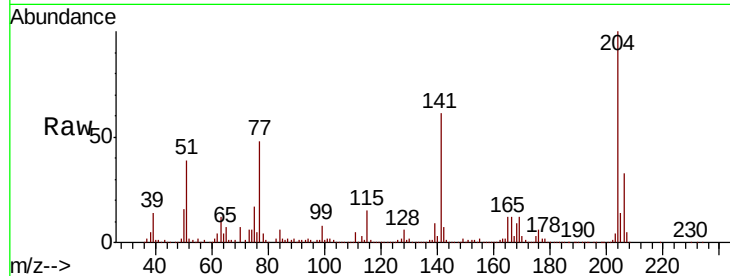
#61
 4-Chlorophenyl-phenylether
 Concen: 32.182 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. 0.00 min
 Lab File: BF114227.D
 Acq: 13 May 2019 14:31

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS012-0002-01MS

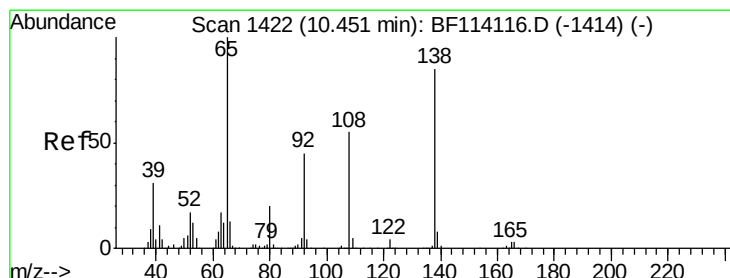
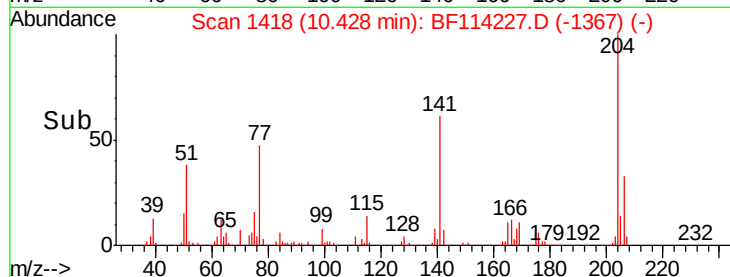
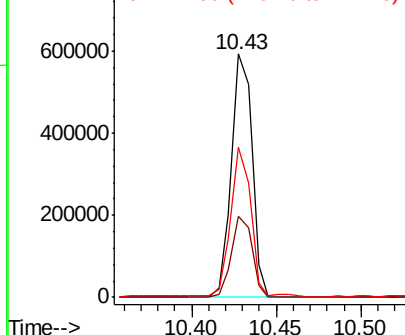
Tot Ion:	204	Resp:	503635
Ion Ratio	Lower	Upper	
204	100		
206	33.3	26.6	39.8
141	61.4	46.4	69.6

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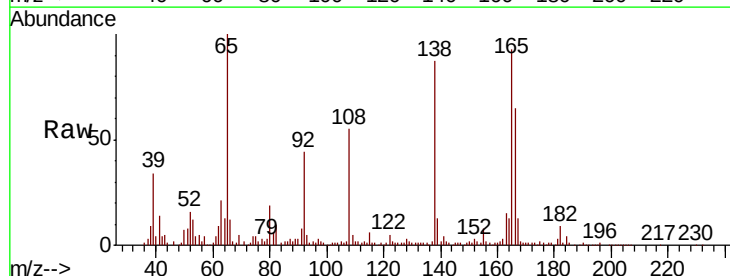


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

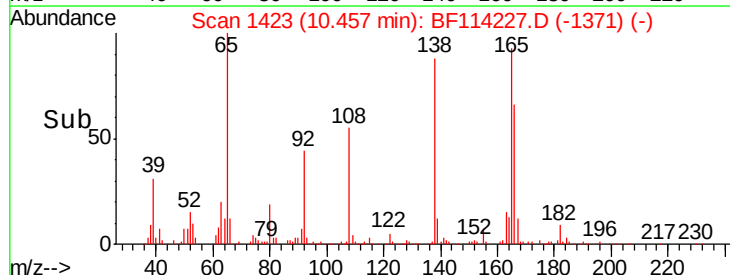
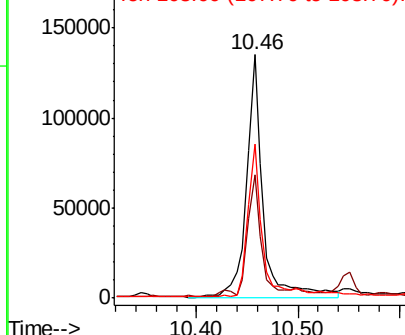


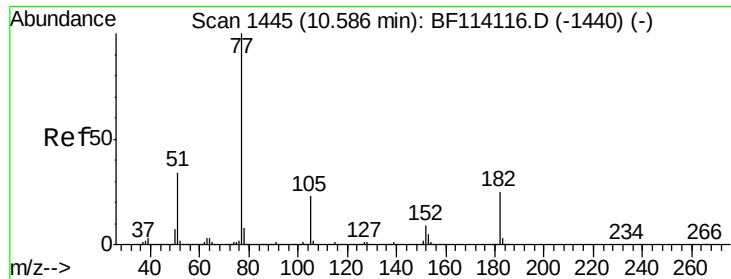
#62
 4-Nitroaniline
 Concen: 15.434 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.01 min
 Lab File: BF114227.D
 Acq: 13 May 2019 14:31

Tgt Ion:	138	Resp:	151973
Ion Ratio	Lower	Upper	
138	100		
92	50.5	33.0	73.0
108	63.1	44.9	84.9



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E





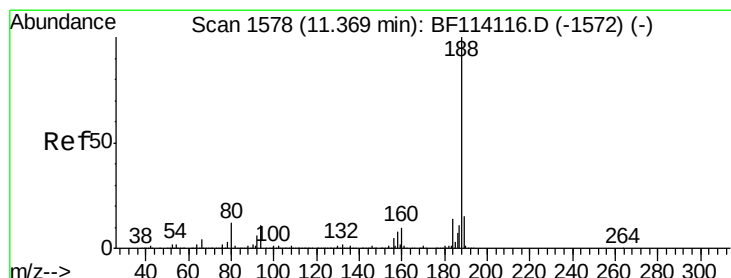
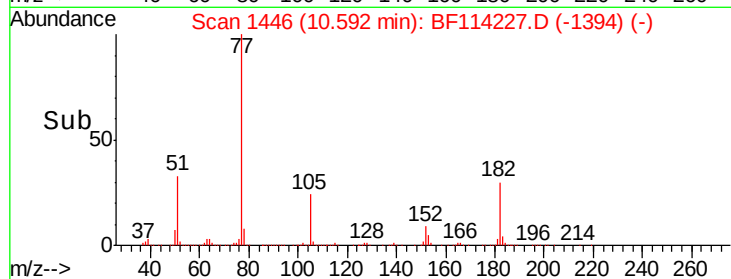
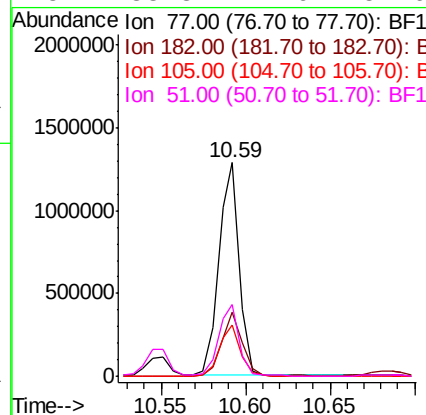
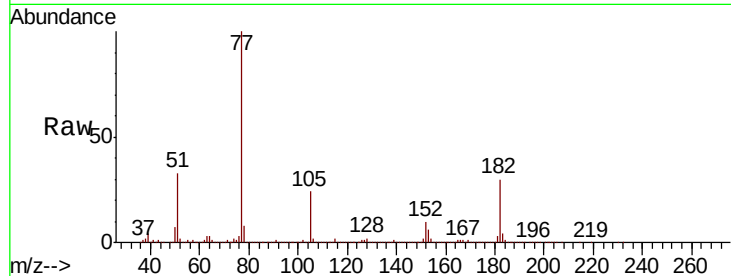
#63
Azobenzene
Concen: 32.273 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF114227.D
Acq: 13 May 2019 14:31

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.8	4.7	44.7
105	23.8	2.9	42.9
51	33.3	14.6	54.6

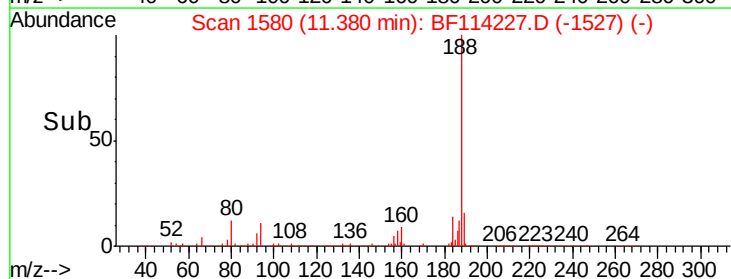
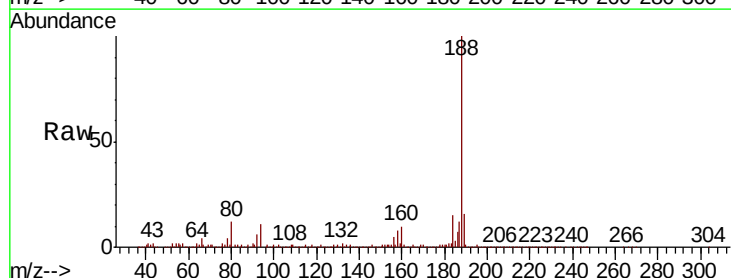
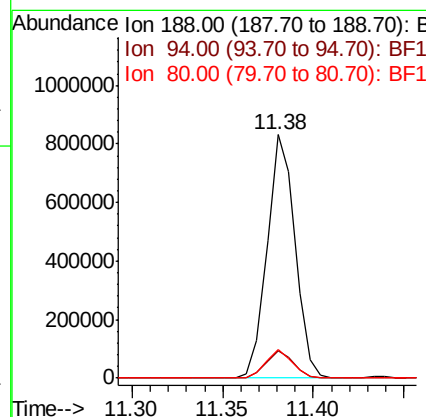
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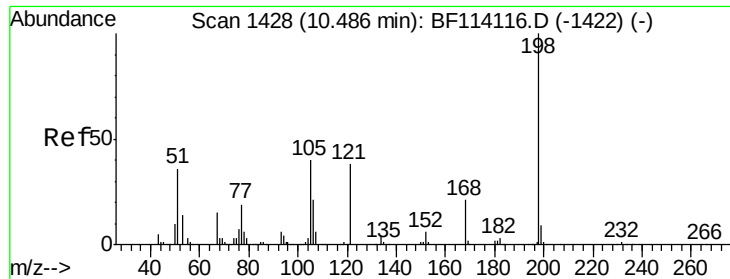
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.01 min
Lab File: BF114227.D
Acq: 13 May 2019 14:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.4	12.6
80	11.7	9.2	13.8





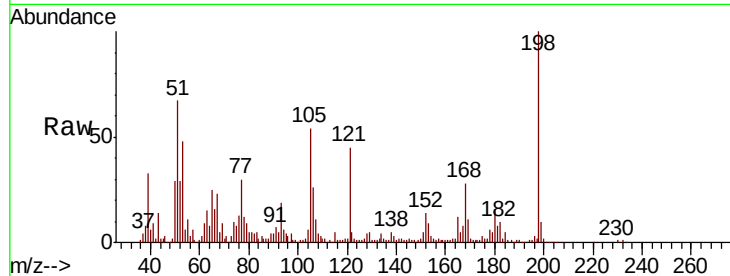
#65
4,6-Dinitro-2-methylphenol
Concen: 24.825 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF114227.D
Acq: 13 May 2019 14:31

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	105722		
51	67.4	28.0	68.0	
105	54.3	21.1	61.1	

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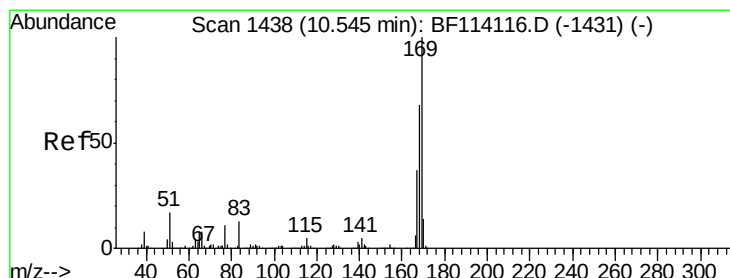
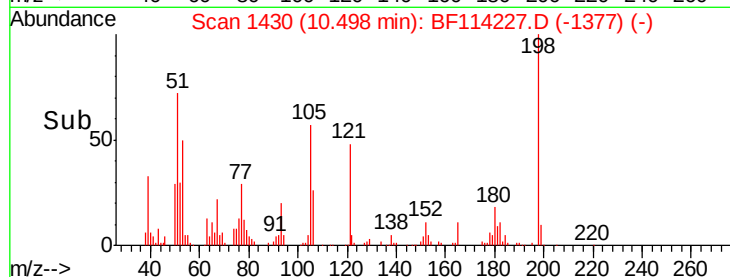
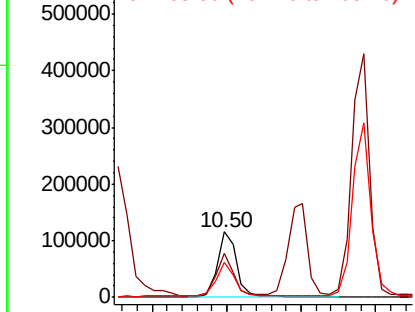


Abundance

Ion 198.00 (197.70 to 198.70): E

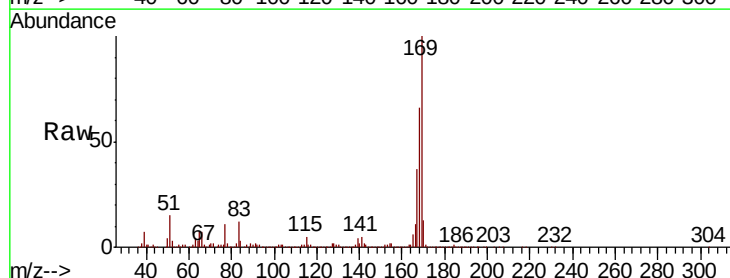
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 34.153 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BF114227.D
Acq: 13 May 2019 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	918680		
168	66.2	54.2	81.2	
167	37.4	29.8	44.8	

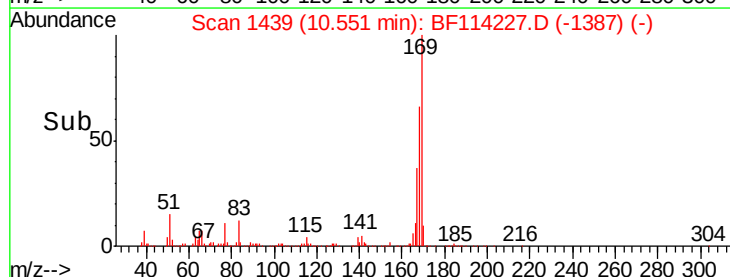
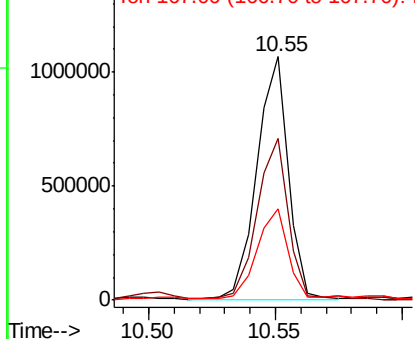


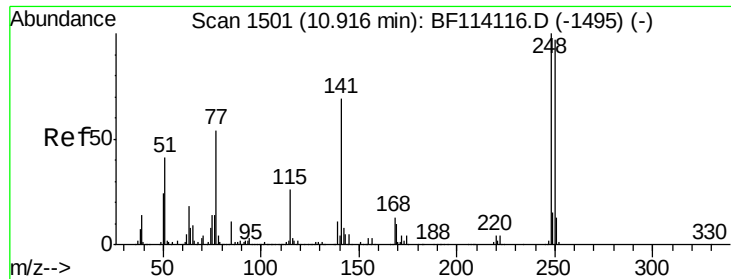
Abundance

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





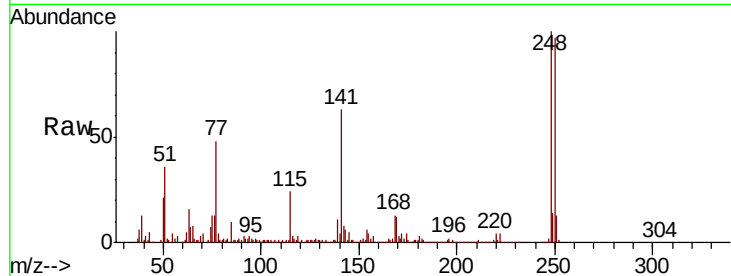
#67
4-Bromophenyl-phenylether
Concen: 32.574 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.01 min
Lab File: BF114227.D
Acq: 13 May 2019 14:31

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.4	116.2
141	62.9	55.6	83.4

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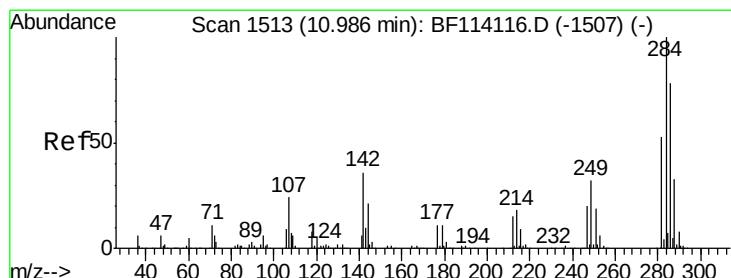
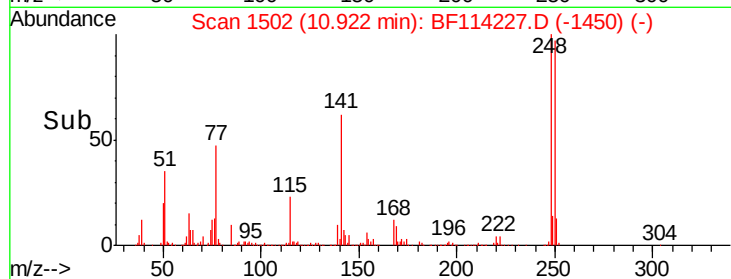
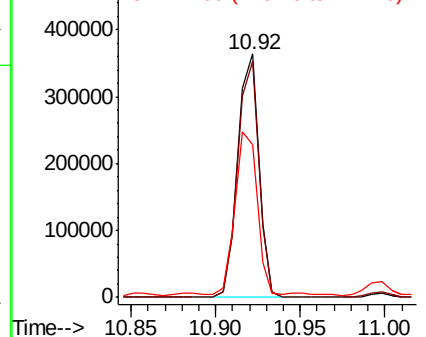


Abundance

Ion 248.00 (247.70 to 248.70): E

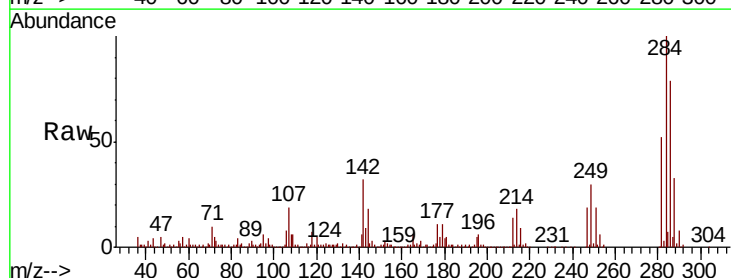
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 30.969 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF114227.D
Acq: 13 May 2019 14:31

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.7	28.4	42.6
249	30.0	25.2	37.8

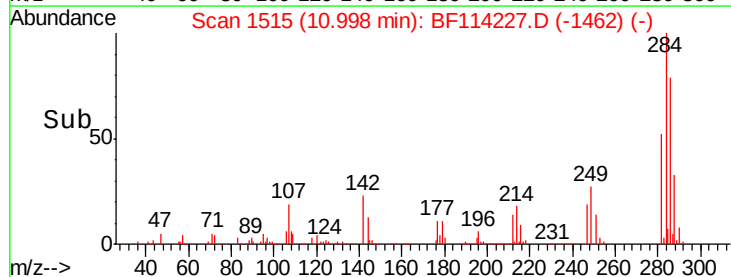
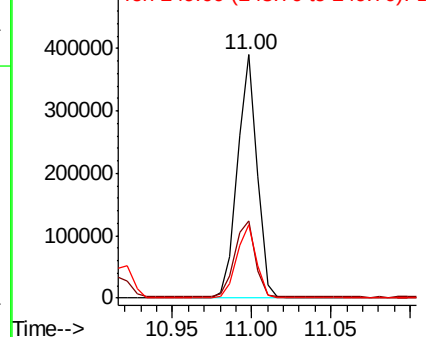


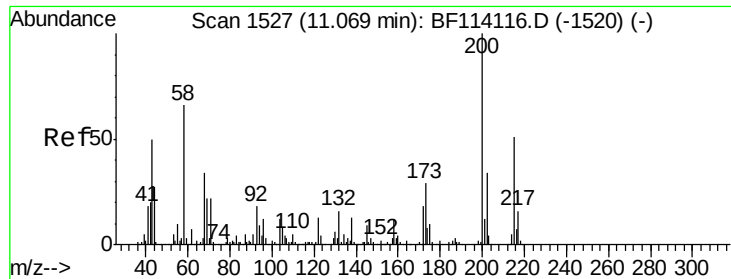
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





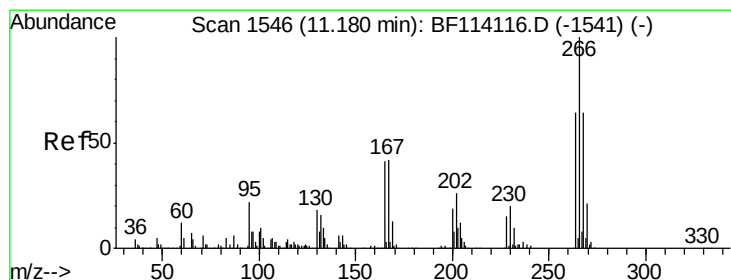
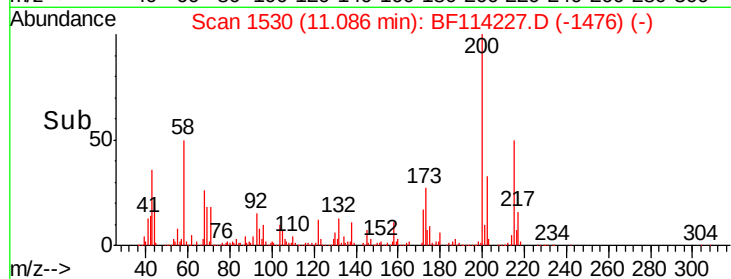
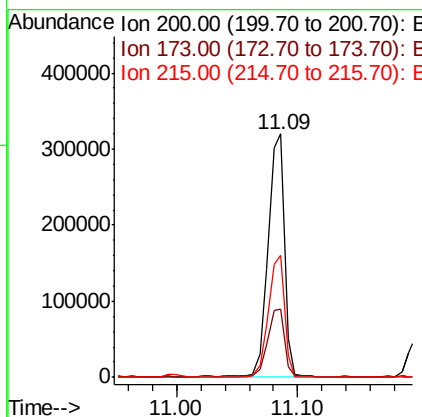
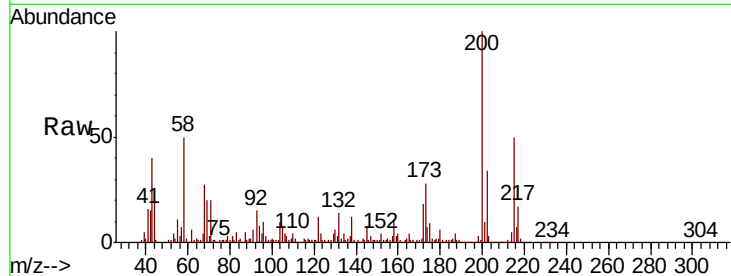
#69
Atrazine
Concen: 36.497 ng
RT: 11.09 min Scan# 1530
Delta R.T. 0.02 min
Lab File: BF114227.D
Acq: 13 May 2019 14:31

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	305504		
173	27.9	8.9	48.9	
215	49.9	30.7	70.7	

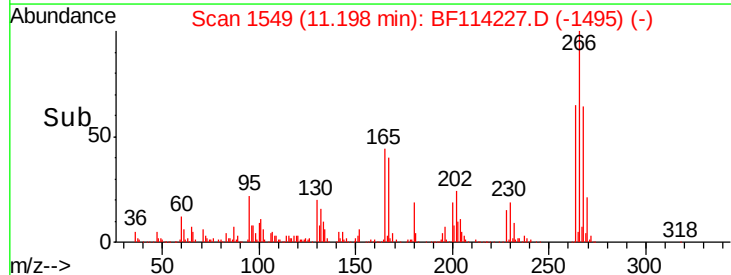
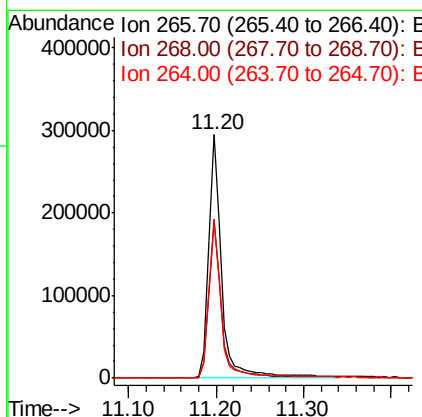
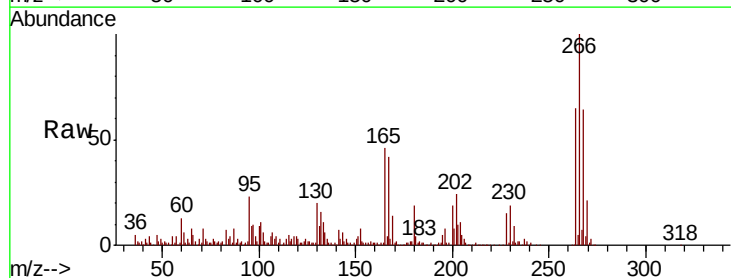
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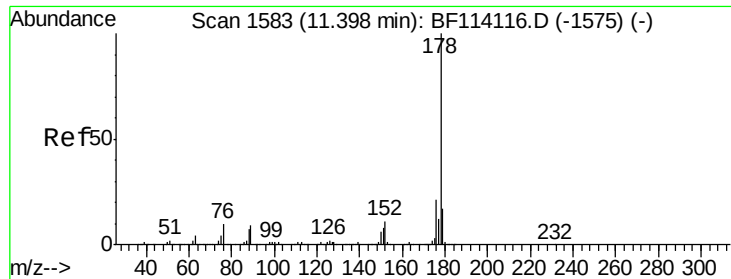
Sohil
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#70
Pentachlorophenol
Concen: 60.726 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.02 min
Lab File: BF114227.D
Acq: 13 May 2019 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	310760		
268	64.5	51.1	76.7	
264	65.4	51.1	76.7	





#71

Phenanthrene

Concen: 99.498 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.02 min

Lab File: BF114227.D

Acq: 13 May 2019 14:31

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MS

Tot Ion:178 Resp: 4290207

Ion Ratio Lower Upper

178 100

176 22.5 16.4 24.6

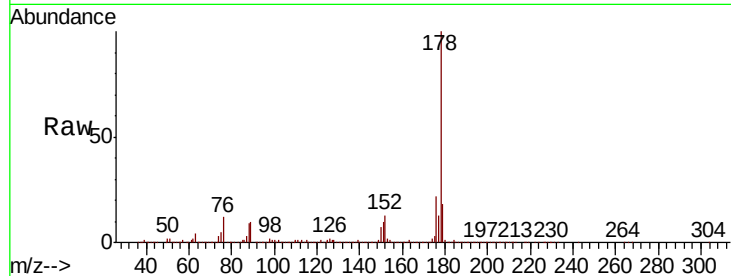
179 17.9 13.2 19.8

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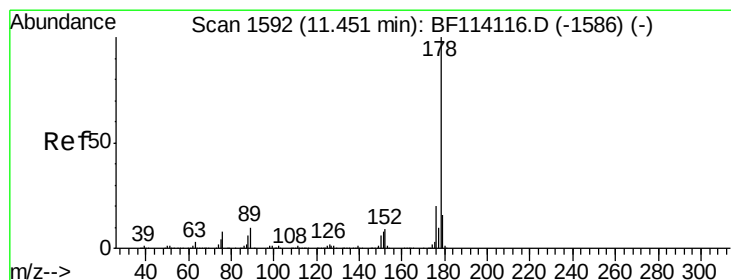
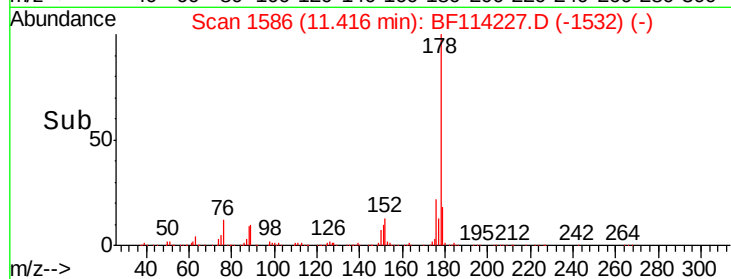
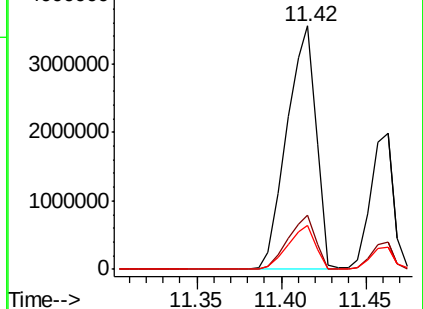
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.240 ng

RT: 11.46 min Scan# 1594

Delta R.T. 0.01 min

Lab File: BF114227.D

Acq: 13 May 2019 14:31

Tgt Ion:178 Resp: 1872676

Ion Ratio Lower Upper

178 100

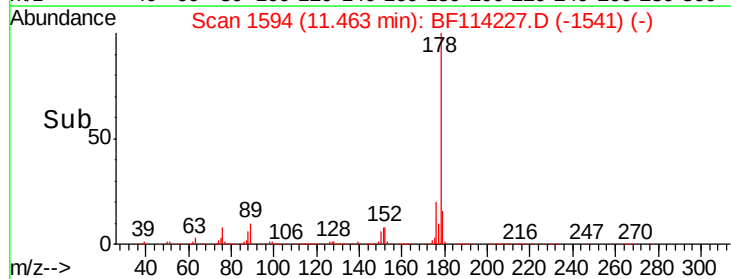
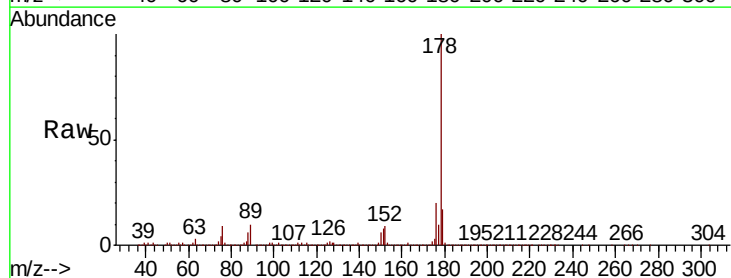
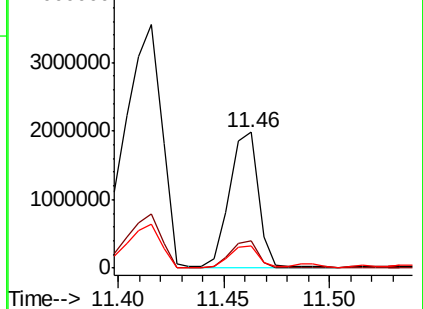
176 19.7 15.8 23.8

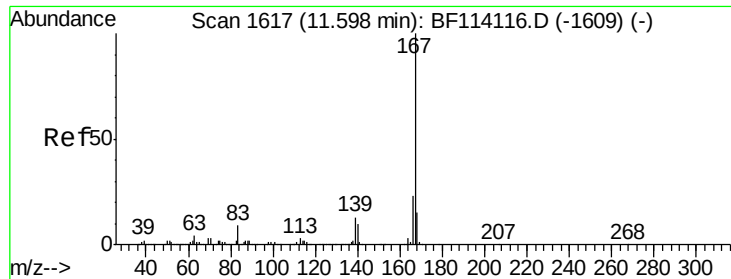
179 16.7 13.0 19.4

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





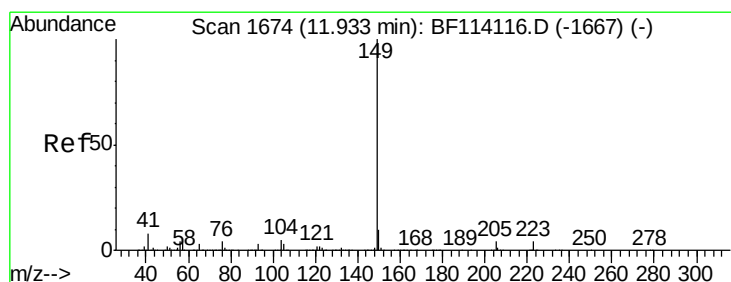
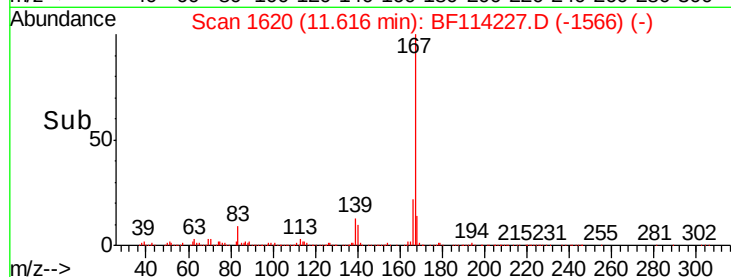
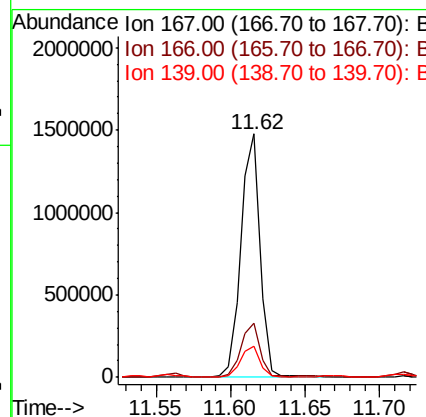
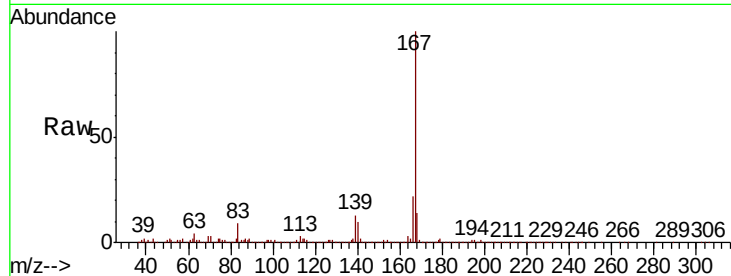
#73
 Carbazole
 Concen: 32.071 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.02 min
 Lab File: BF114227.D
 Acq: 13 May 2019 14:31

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS012-0002-01MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.2	27.2
139	12.7	10.6	16.0

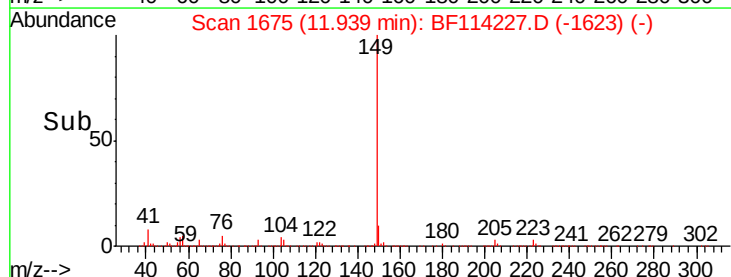
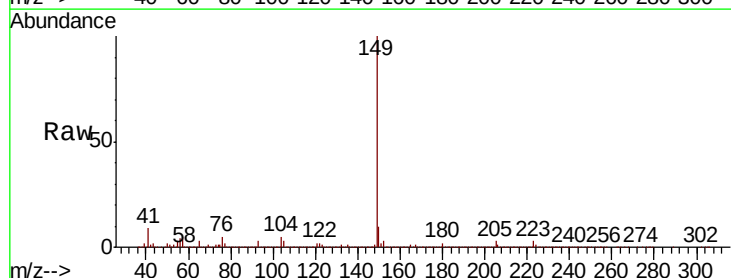
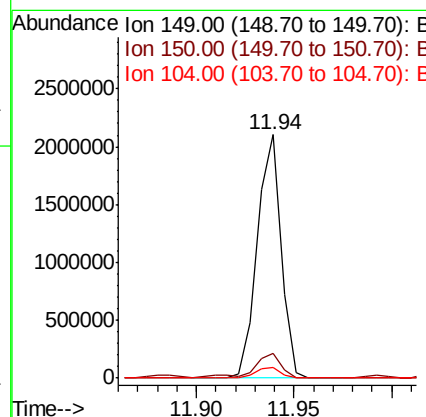
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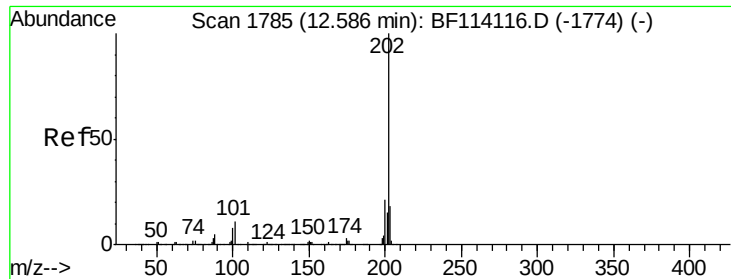
Sohil
 5/14/2019 8:03:09 PM



#74
 Di-n-butylphthalate
 Concen: 37.262 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.01 min
 Lab File: BF114227.D
 Acq: 13 May 2019 14:31

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.7	11.5
104	4.5	3.6	5.4





#75

Fluoranthene

Concen: 101.678 ng

RT: 12.61 min Scan# 1789

Delta R.T. 0.02 min

Lab File: BF114227.D

Acq: 13 May 2019 14:31

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MS

Tot Ion:202 Resp: 4721245

Ion Ratio Lower Upper

202 100

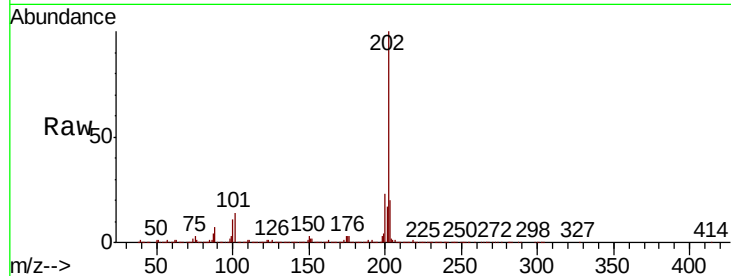
101 14.2 0.0 31.0

203 20.3 0.0 38.4

Manual Integrations
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Sohil

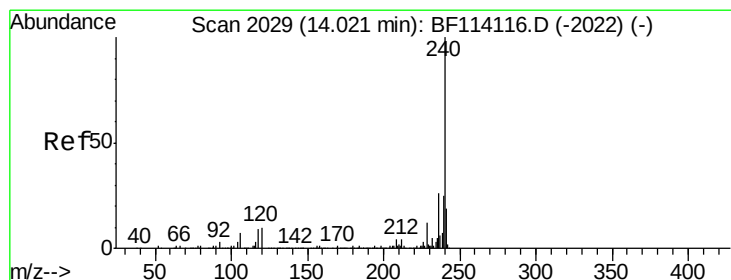
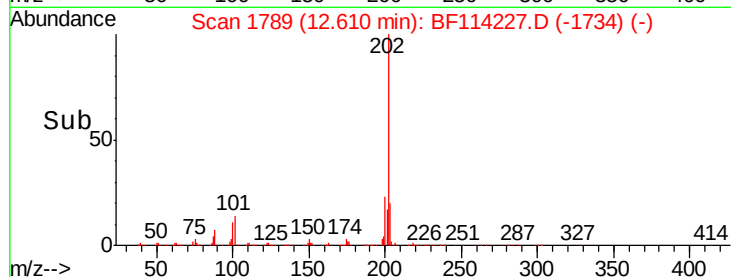
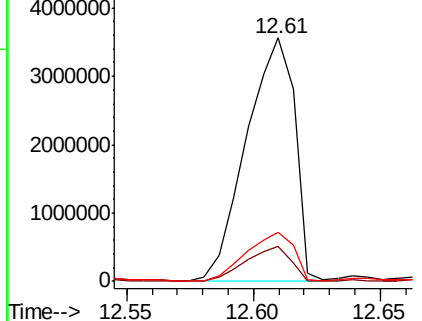
5/14/2019 8:03:09 PM



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: 14.04 min Scan# 2032

Delta R.T. 0.02 min

Lab File: BF114227.D

Acq: 13 May 2019 14:31

Tgt Ion:240 Resp: 440273

Ion Ratio Lower Upper

240 100

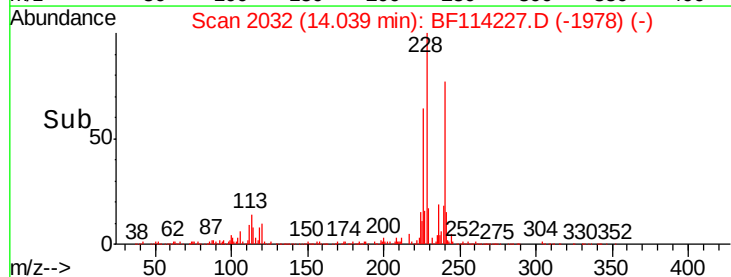
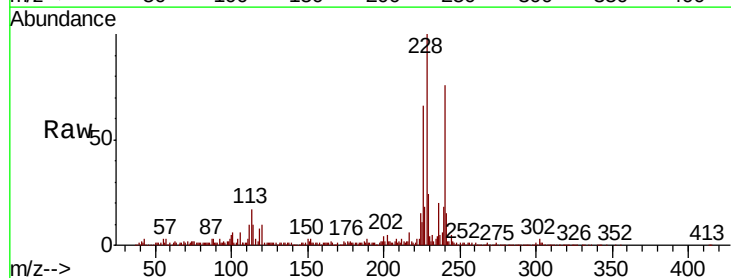
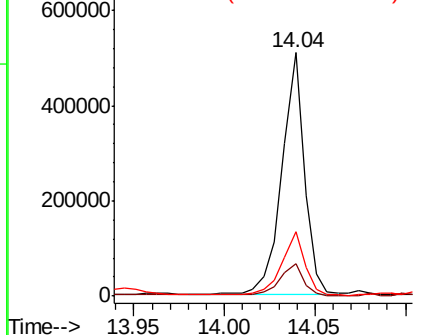
120 13.2 8.3 12.5#

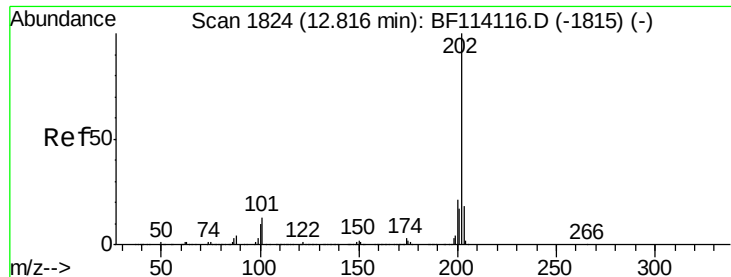
236 26.4 20.8 31.2

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





#78

Pvrene

Concen: 191.042 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.04 min

Lab File: BF114227.D

Acq: 13 May 2019 14:31

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MS

Tot Ion:202 Resp: 6766298

Ion Ratio Lower Upper

202 100

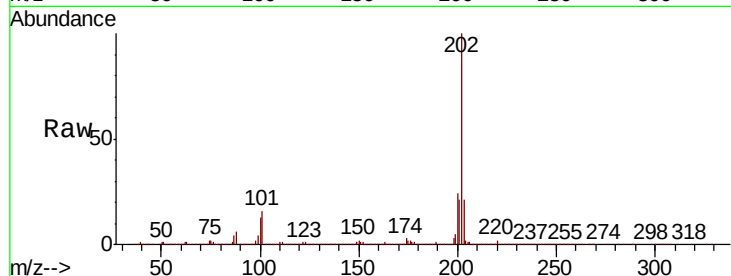
200 24.4 16.9 25.3

203 20.8 14.5 21.7

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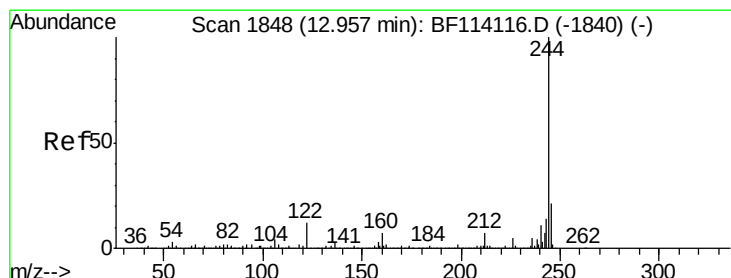
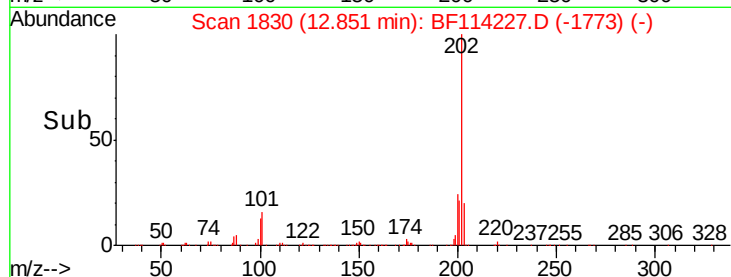
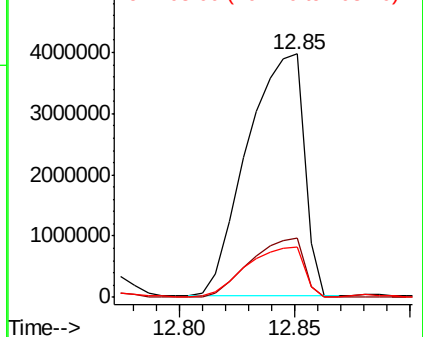


Abundance

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: 79.024 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.01 min

Lab File: BF114227.D

Acq: 13 May 2019 14:31

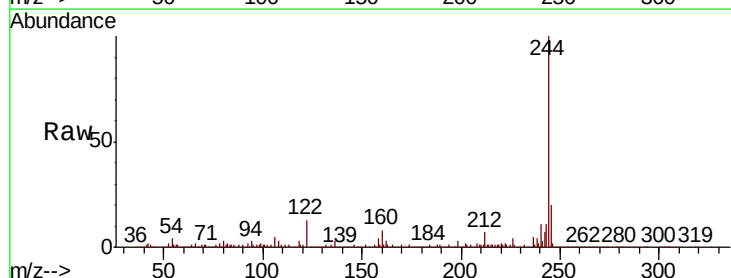
Tgt Ion:244 Resp: 1687758

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 13.5 9.4 14.2

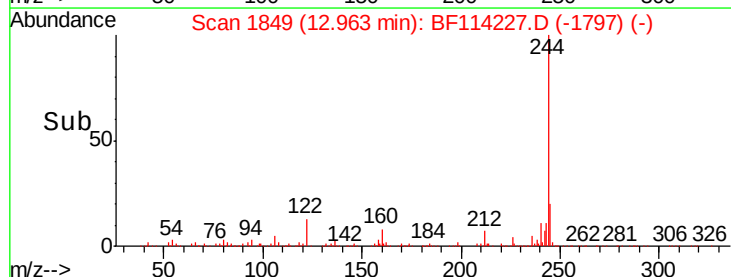
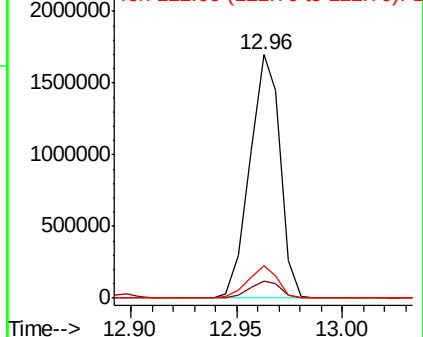


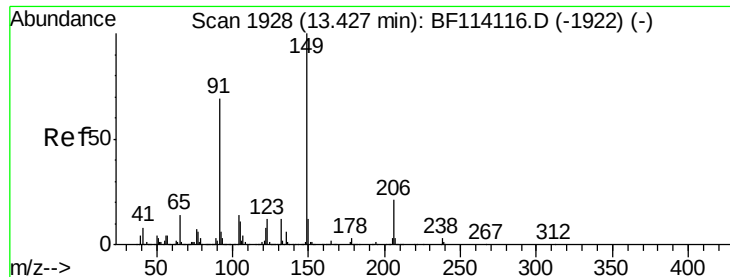
Abundance

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





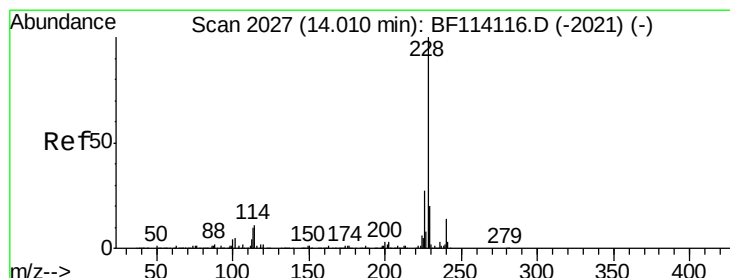
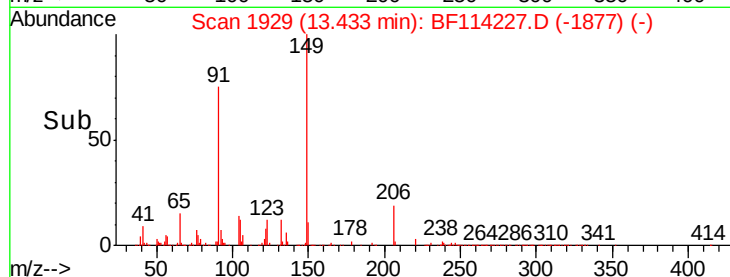
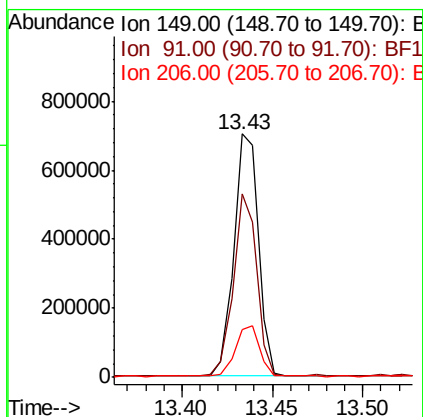
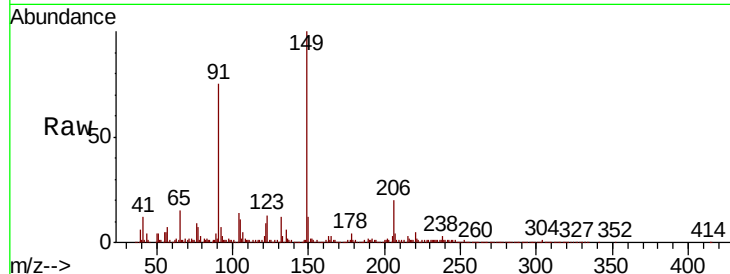
#80
Butylbenzylphthalate
Concen: 44.505 ng
RT: 13.43 min Scan# 1929
Delta R.T. 0.01 min
Lab File: BF114227.D
Acq: 13 May 2019 14:31

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	75.1	55.0	82.4
206	19.7	16.9	25.3

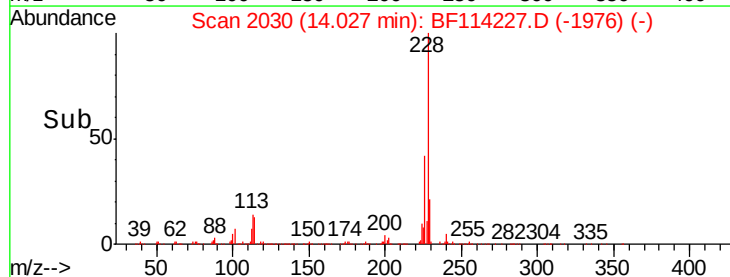
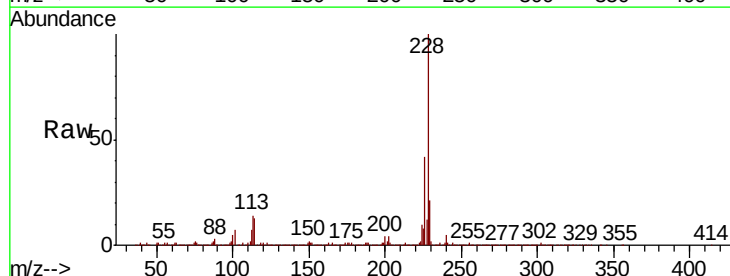
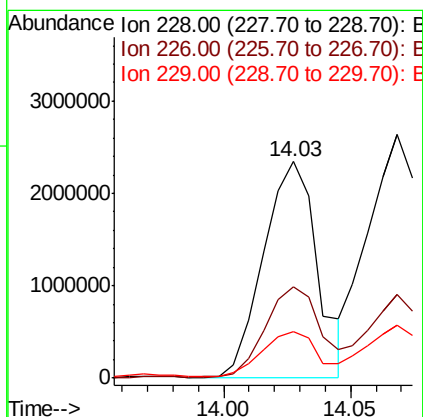
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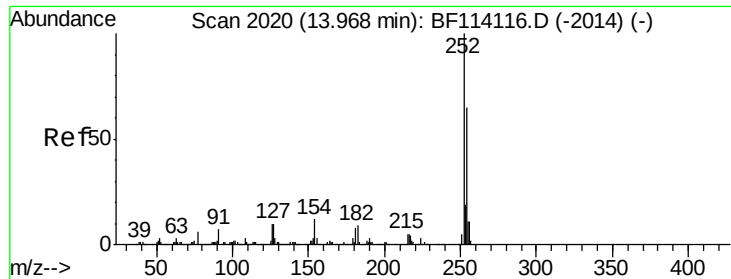
Sohil
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#81
Benzo(a)anthracene
Concen: 120.763 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.02 min
Lab File: BF114227.D
Acq: 13 May 2019 14:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	42.4	22.2	33.2#
229	21.3	16.4	24.6





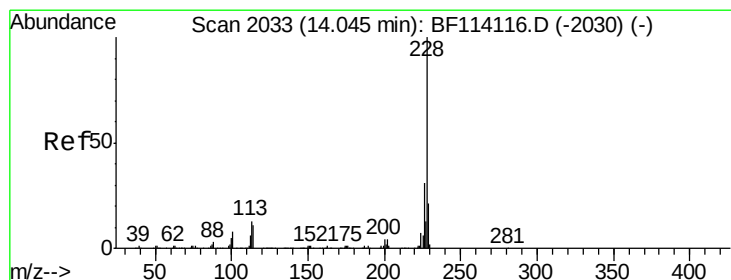
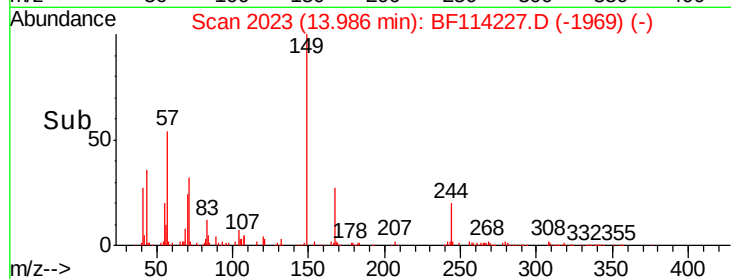
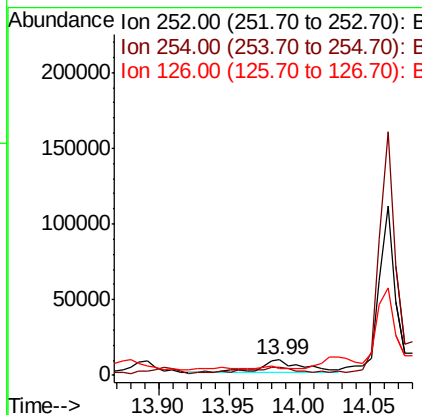
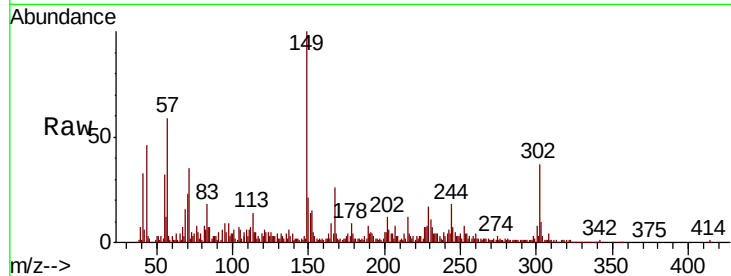
#82
 3,3'-Dichlorobenzidine
 Concen: 1.615 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.02 min
 Lab File: BF114227.D
 Acq: 13 May 2019 14:31

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS012-0002-01MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	53.6	51.9	77.9
126	45.5	7.9	11.9#

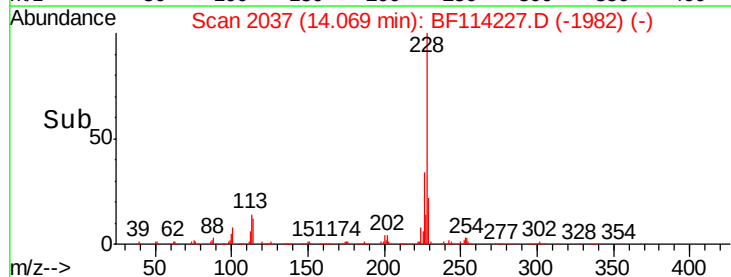
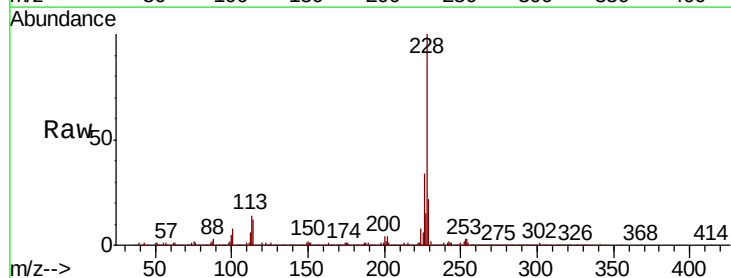
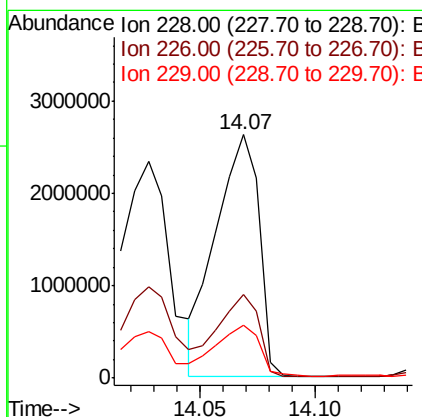
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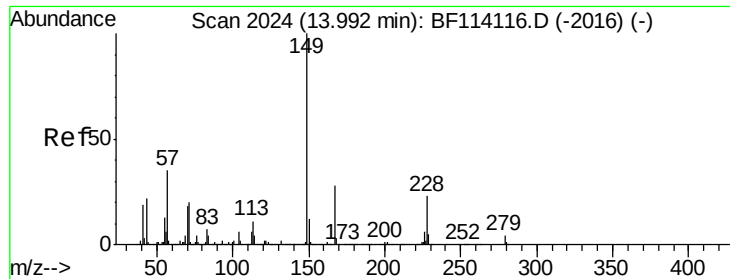
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#83
 Chrysene
 Concen: 122.517 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. 0.02 min
 Lab File: BF114227.D
 Acq: 13 May 2019 14:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.1	25.0	37.6
229	21.9	17.0	25.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 51.856 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BF114227.D

Acq: 13 May 2019 14:31

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MS

Tot Ion:149 Resp: 1011061

Ion Ratio Lower Upper

149 100

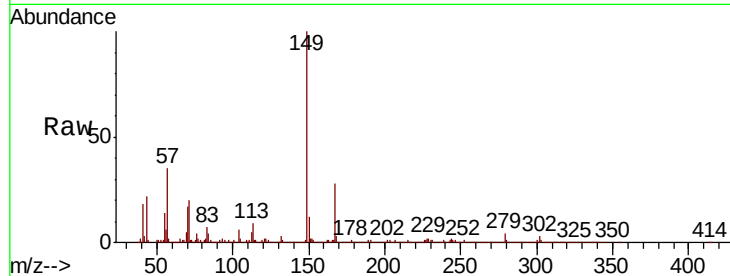
167 27.7 22.6 33.8

279 3.8 3.0 4.6

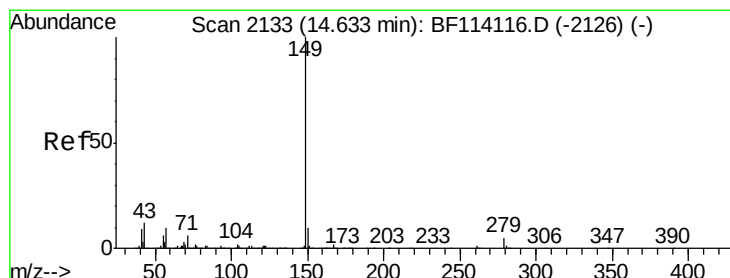
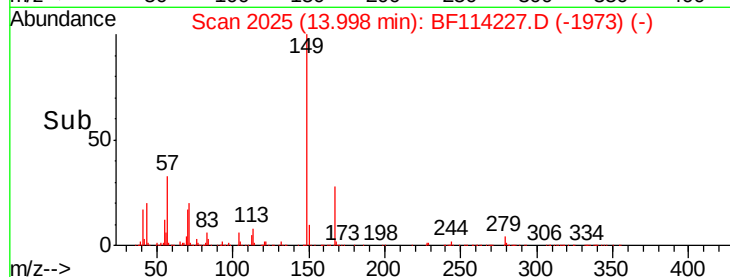
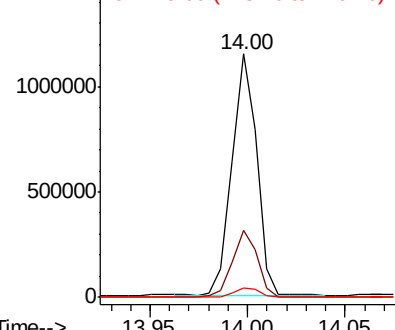
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 48.690 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BF114227.D

Acq: 13 May 2019 14:31

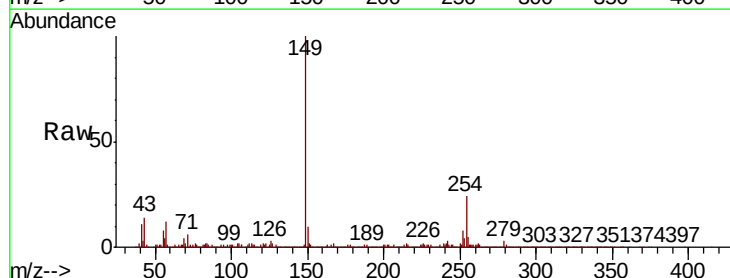
Tgt Ion:149 Resp: 1538921

Ion Ratio Lower Upper

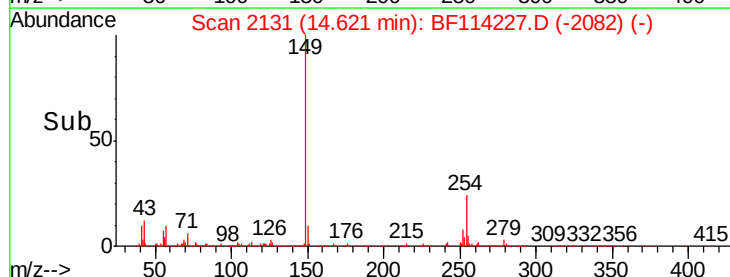
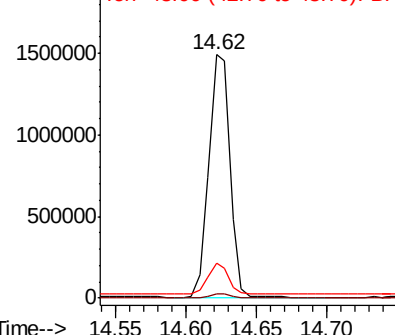
149 100

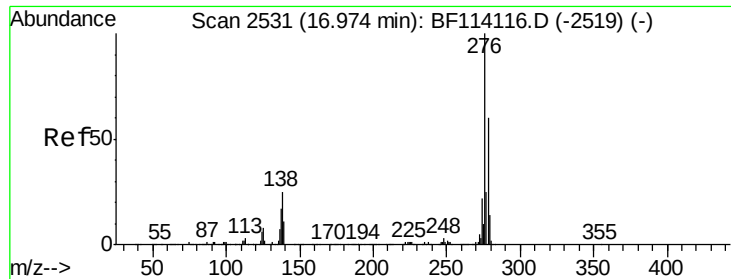
167 1.7 1.3 1.9

43 13.0 10.1 15.1



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





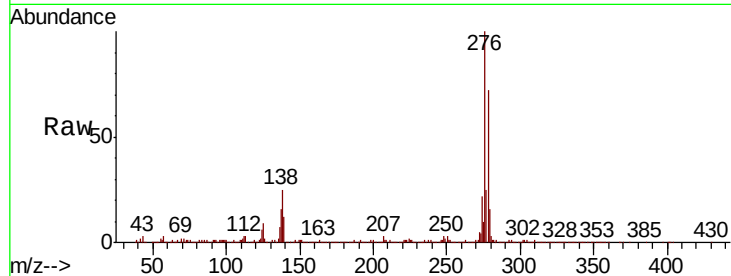
#86
Indeno(1,2,3-cd)pyrene
Concen: 93.281 ng
RT: 17.04 min Scan# 2542
Delta R.T. 0.06 min
Lab File: BF114227.D
Acq: 13 May 2019 14:31

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.0	20.2	30.2
277	24.4	20.0	30.0

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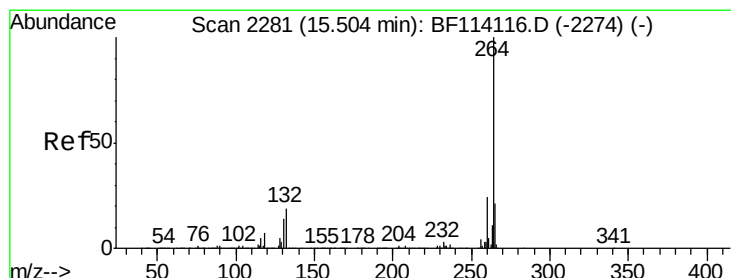
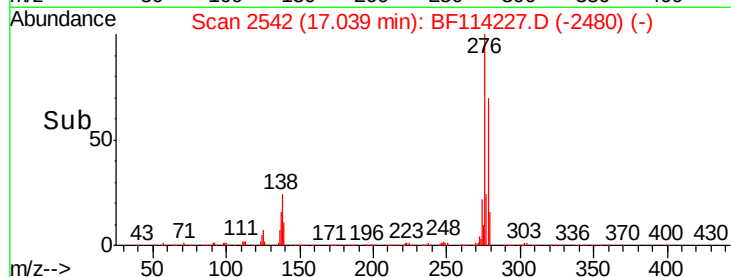
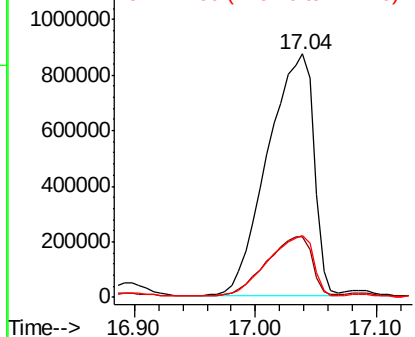


Abundance

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
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. 0.02 min
Lab File: BF114227.D
Acq: 13 May 2019 14:31

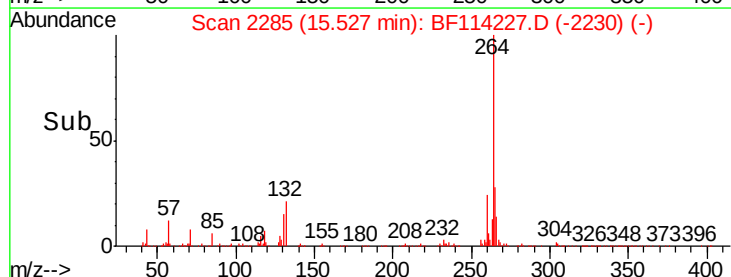
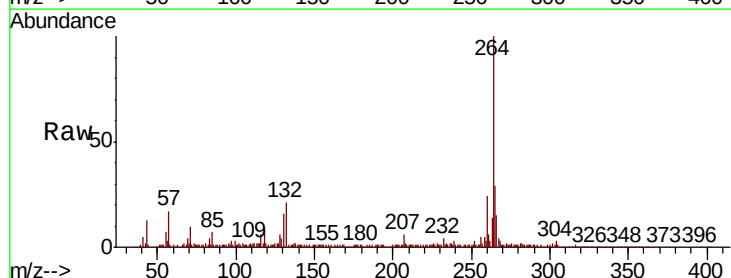
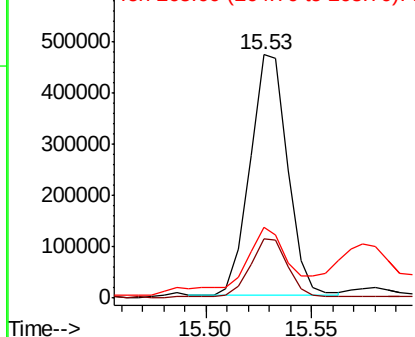
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	29.2	16.9	25.3

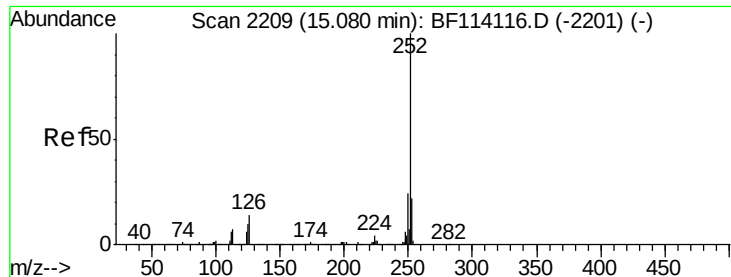
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





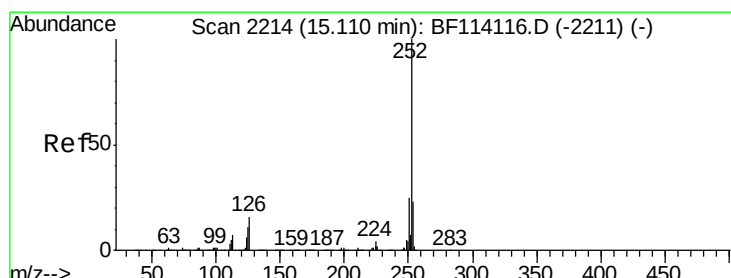
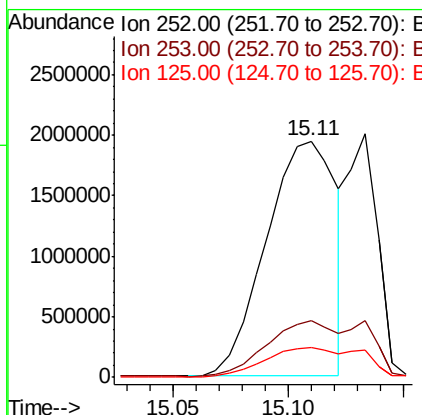
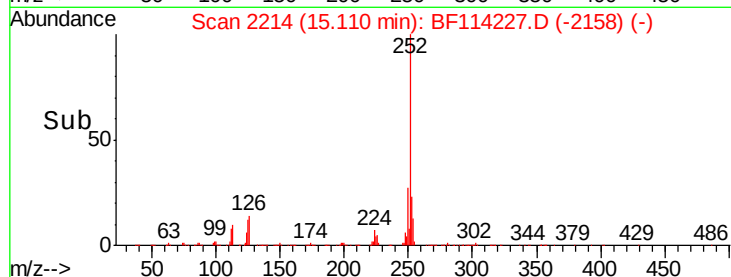
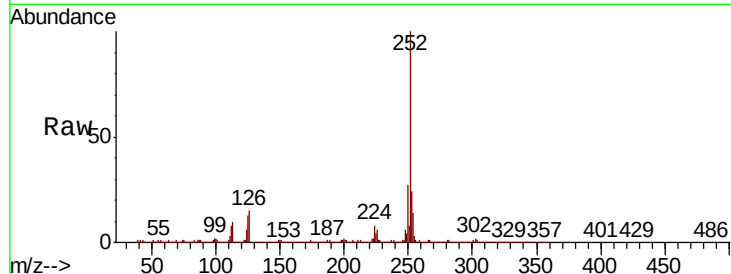
#88
Benzo(b)fluoranthene
Concen: 109.812 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.03 min
Lab File: BF114227.D
Acq: 13 May 2019 14:31

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MS

Tot Ion:252 Resp: 4080138
Ion Ratio Lower Upper
252 100
253 23.9 17.8 26.8
125 12.5 8.3 12.5#

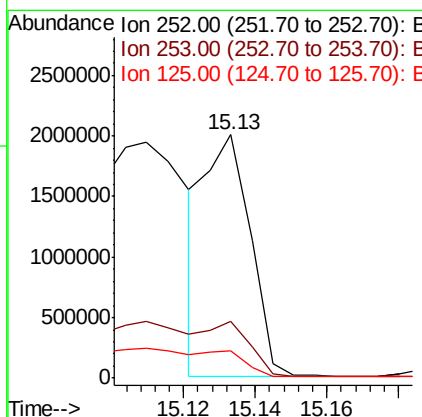
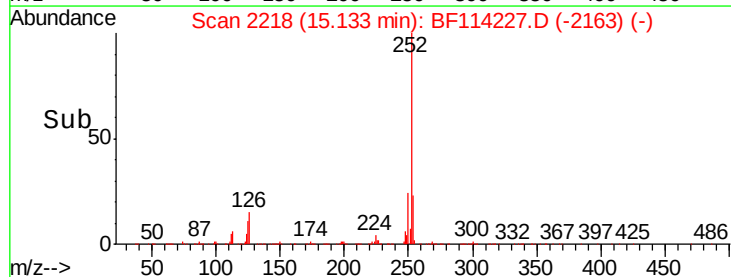
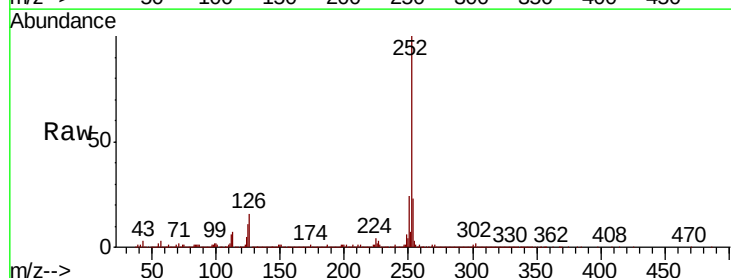
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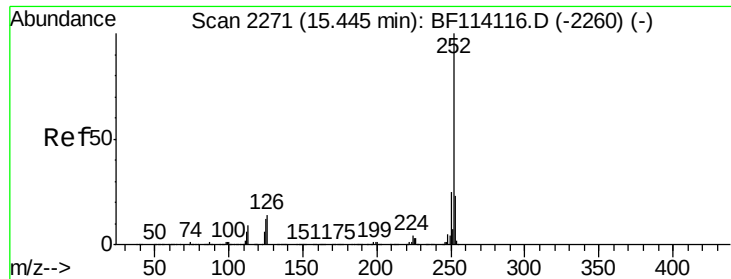
Sohil
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#89
Benzo(k)fluoranthene
Concen: 51.310 ng m
RT: 15.13 min Scan# 2218
Delta R.T. 0.02 min
Lab File: BF114227.D
Acq: 13 May 2019 14:31

Tgt Ion:252 Resp: 1751268
Ion Ratio Lower Upper
252 100
253 23.3 18.2 27.2
125 11.0 8.6 13.0





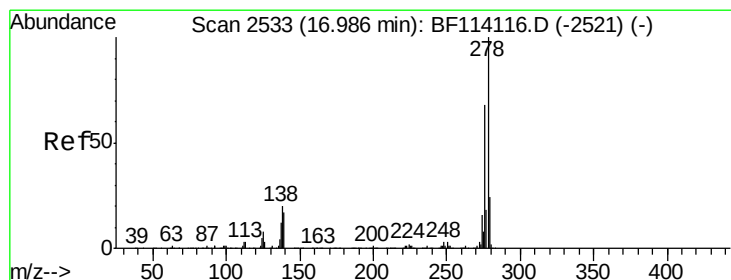
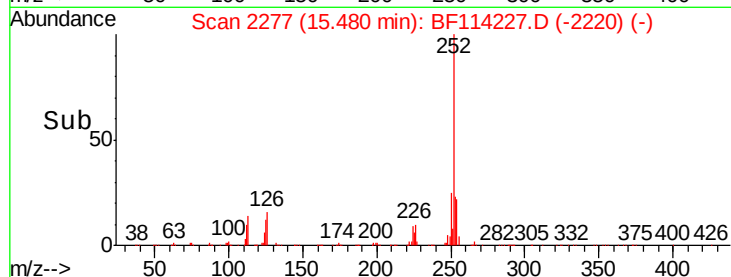
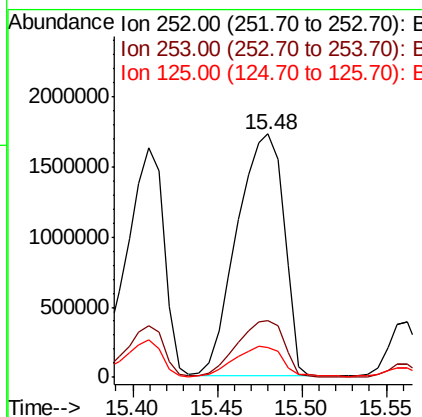
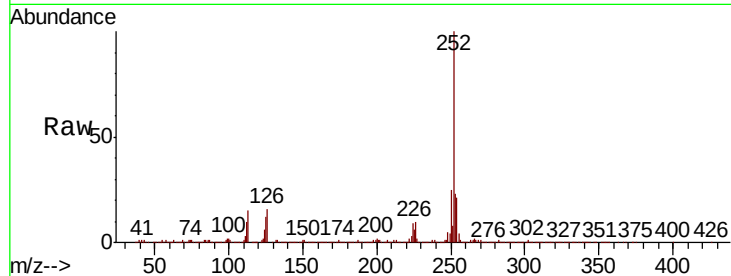
#90
Benzo(a)pyrene
Concen: 102.420 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.04 min
Lab File: BF114227.D
Acq: 13 May 2019 14:31

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.1	27.1
125	12.4	9.5	14.3

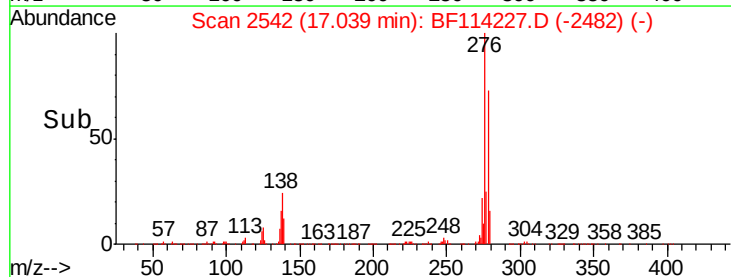
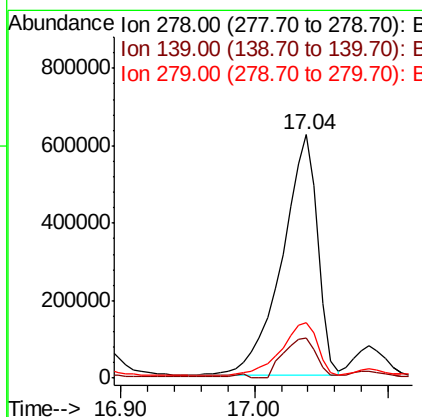
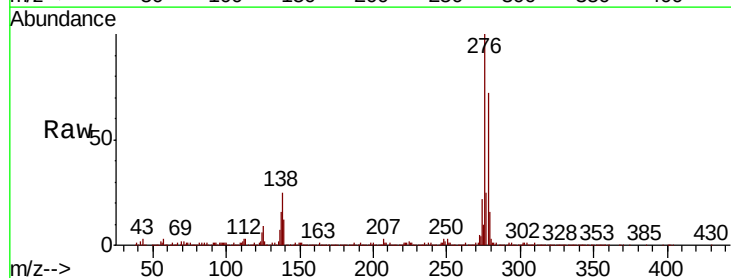
Manual Integrations
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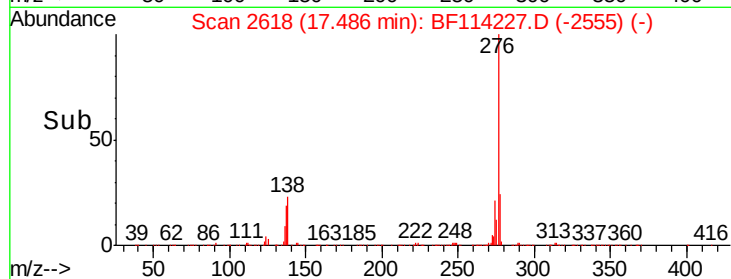
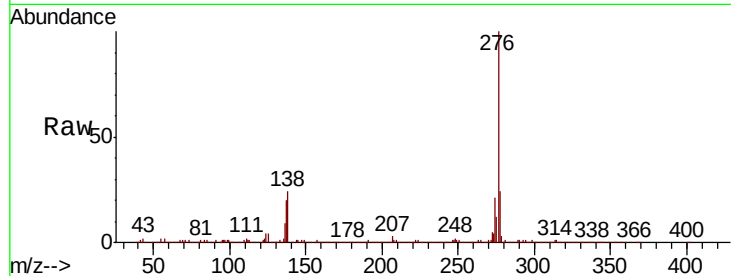
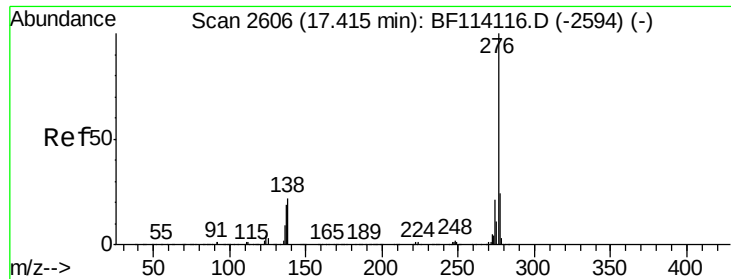
Sohil
5/14/2019 8:03:09 PM



#91
Dibenzo(a,h)anthracene
Concen: 41.723 ng
RT: 17.04 min Scan# 2542
Delta R.T. 0.05 min
Lab File: BF114227.D
Acq: 13 May 2019 14:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.5	13.5	20.3
279	23.0	19.0	28.6





#92
 Benzo(a,h,i)perylene
 Concen: 83.741 ng
 RT: 17.49 min Scan# 2618
 Delta R.T. 0.07 min
 Lab File: BF114227.D
 Acq: 13 May 2019 14:31

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS012-0002-01MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.0	28.4
138	23.7	17.8	26.6

Manual Integrations
 APPROVED

Sohil
 5/14/2019 8:03:09 PM

