

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
 Data File : BF114166.D
 Acq On : 11 May 2019 21:22
 Operator : JU/SJ
 Sample : K2764-20MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS002-1218-01MS

Manual Integrations
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 5/13/2019 8:35:53 PM

Quant Time: May 13 08:03:25 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	6.85	152	299893	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1121082	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	558815	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1096878	20.00	ng	0.00
76) Chrysene-d12	14.01	240	580018	20.00	ng	-0.01
87) Perylene-d12	15.48	264	697416	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	2381318	127.78	ng	0.00
7) Phenol-d6	6.50	99	3286638	149.12	ng	0.00
23) Nitrobenzene-d5	7.42	82	2084883	104.37	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	789046	136.58	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	3137278	84.92	ng	0.00
79) Terphenyl-d14	12.95	244	2723874	96.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	378294	36.932	ng	99
3) Pyridine	3.42	79	901421	31.940	ng	96
4) n-Nitrosodimethylamine	3.35	42	602732	44.288	ng	94
6) Aniline	6.52	93	760285	23.880	ng	100
8) 2-Chlorophenol	6.65	128	990643	49.795	ng	96
9) Benzaldehyde	6.40	77	494943	32.076	ng	97
10) Phenol	6.51	94	1259783	48.588	ng	96
11) bis(2-Chloroethyl)ether	6.59	93	1031165	52.385	ng	99
12) 1,3-Dichlorobenzene	6.80	146	1054268	47.210	ng	99
13) 1,4-Dichlorobenzene	6.87	146	1072238	47.649	ng	99
14) 1,2-Dichlorobenzene	7.03	146	994102	48.354	ng	99
15) Benzyl Alcohol	7.00	79	915690	53.268	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1941532	50.870	ng	97
17) 2-Methylphenol	7.11	107	870364	53.258	ng	99
18) Hexachloroethane	7.36	117	401788	47.567	ng	94
19) n-Nitroso-di-n-propylamine	7.27	70	721458	51.642	ng	98
20) 3+4-Methylphenols	7.26	107	971632	51.459	ng	89
22) Acetophenone	7.26	105	1325834	53.384	ng	97
24) Nitrobenzene	7.43	77	1124761	55.281	ng	98
25) Isophorone	7.67	82	2098511	56.642	ng	100
26) 2-Nitrophenol	7.75	139	590869	59.858	ng	99
27) 2,4-Dimethylphenol	7.79	122	944986	60.953	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	1315527	54.726	ng	99
29) 2,4-Dichlorophenol	8.00	162	883612	57.237	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	914581	52.098	ng	99
31) Naphthalene	8.16	128	2891139	55.209	ng	99
32) Benzoic acid	7.93	122	642069	56.607	ng	98
33) 4-Chloroaniline	8.20	127	289332	12.124	ng	100
34) Hexachlorobutadiene	8.27	225	509261	50.985	ng	99
35) Caprolactam	8.58	113	330079m	65.571	ng	
36) 4-Chloro-3-methylphenol	8.69	107	999238	64.303	ng	99
37) 2-Methylnaphthalene	8.85	142	2027091	59.996	ng	98
38) 1-Methylnaphthalene	8.95	142	1910875	60.056	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	877610	51.845	ng	99

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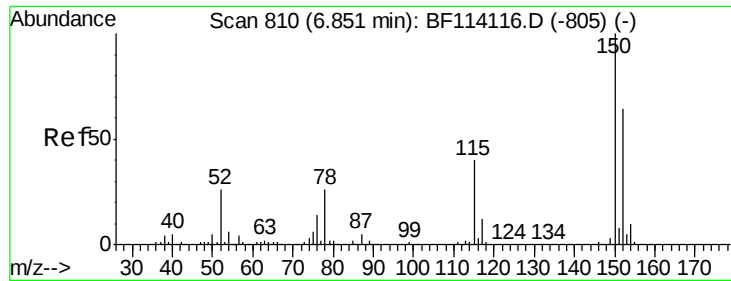
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	686693	86.692	nq	96
43) 2,4,6-Trichlorophenol	9.13	196	645246	55.417	nq	98
44) 2,4,5-Trichlorophenol	9.17	196	684284	57.306	nq	94
46) 1,1'-Biphenyl	9.31	154	2383056	52.787	nq	99
47) 2-Chloronaphthalene	9.33	162	1865486	51.345	nq	99
48) 2-Nitroaniline	9.43	65	684465	53.121	nq	99
49) Acenaphthylene	9.75	152	3026770	54.775	nq	98
50) Dimethylphthalate	9.62	163	2508642	61.153	nq	99
51) 2,6-Dinitrotoluene	9.67	165	522594	57.436	nq	# 85
52) Acenaphthene	9.92	154	1755799	51.780	nq	98
53) 3-Nitroaniline	9.84	138	326583	28.915	nq	95
54) 2,4-Dinitrophenol	9.95	184	512855	109.390	nq	99
55) Dibenzofuran	10.09	168	2546664	51.217	nq	99
56) 4-Nitrophenol	10.02	139	858262	107.451	nq	94
57) 2,4-Dinitrotoluene	10.08	165	684462	55.424	nq	99
58) Fluorene	10.44	166	1967045	51.217	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	579574	56.253	nq	100
60) Diethylphthalate	10.31	149	2192079	52.592	nq	99
61) 4-Chlorophenyl-phenylether	10.43	204	946369	50.170	nq	98
62) 4-Nitroaniline	10.46	138	558590	47.065	nq	98
63) Azobenzene	10.59	77	2133287	52.876	nq	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	329235	62.466	nq	96
66) n-Nitrosodiphenylamine	10.55	169	1842425	55.344	nq	100
67) 4-Bromophenyl-phenylether	10.92	248	633141	52.425	nq	97
68) Hexachlorobenzene	10.99	284	684761	51.253	nq	100
69) Atrazine	11.07	200	570116	55.031	nq	98
70) Pentachlorophenol	11.18	266	708255	111.828	nq	99
71) Phenanthrene	11.40	178	3146453	58.962	nq	98
72) Anthracene	11.45	178	2877144	53.678	nq	98
73) Carbazole	11.60	167	2713093	53.081	nq	100
74) Di-n-butylphthalate	11.93	149	3192872	54.221	nq	97
75) Fluoranthene	12.59	202	3387559	58.948	nq	97
77) Benzidine	12.70	184	176012	6.760	nq	98
78) Pyrene	12.82	202	3839787	82.294	nq	97
80) Butylbenzylphthalate	13.42	149	1262508	64.284	nq	95
81) Benzo(a)anthracene	14.00	228	2264250	60.355	nq	97
82) 3,3'-Dichlorobenzidine	13.96	252	389143	26.739	nq	99
83) Chrysene	14.04	228	2337160	63.552	nq	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1615671	62.901	nq	98
85) Di-n-octyl phthalate	14.60	149	2536424	60.916	nq	100
86) Indeno(1,2,3-cd)pyrene	16.96	276	3101753	95.434	nq	99
88) Benzo(b)fluoranthene	15.06	252	2518940	56.377	nq	98
89) Benzo(k)fluoranthene	15.09	252	2159133	52.606	nq	99
90) Benzo(a)pyrene	15.42	252	2370912	60.294	nq	98
91) Dibenzo(a,h)anthracene	16.97	278	2351862	71.977	nq	98
92) Benzo(g,h,i)perylene	17.40	276	2898696	88.522	nq	98

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



#1

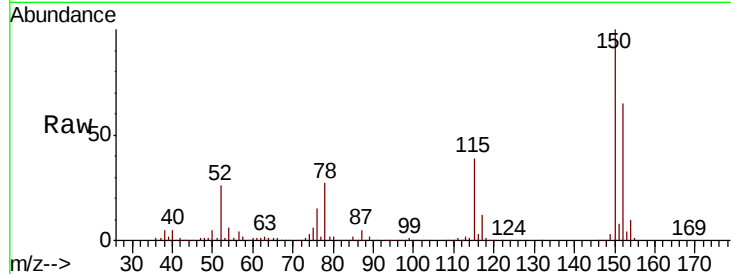
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114166.D
Acq: 11 May 2019 21:22

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-01MS

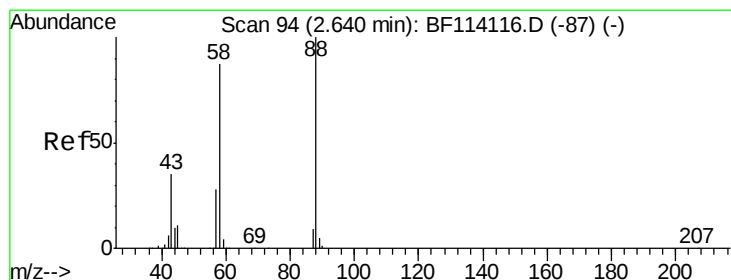
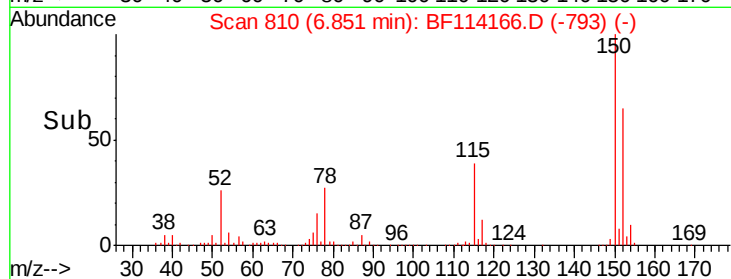
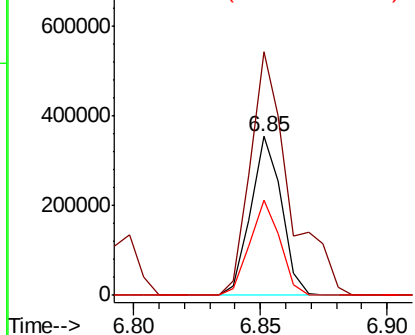
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.3	186.5
115	60.0	49.1	73.7

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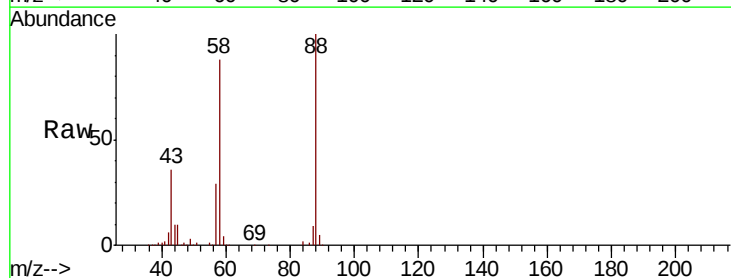
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



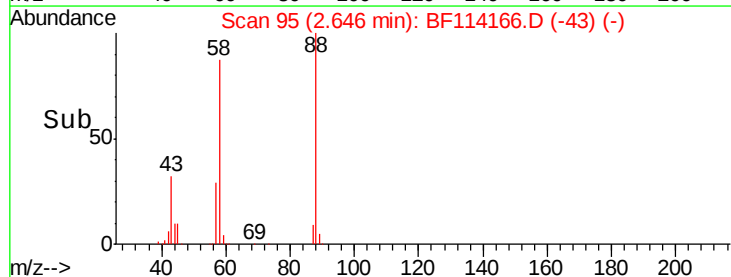
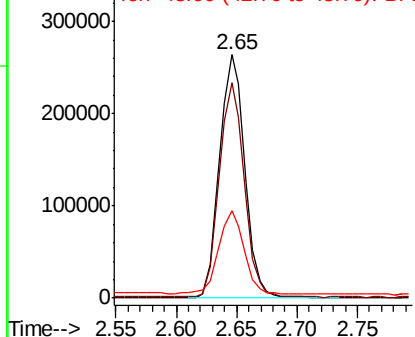
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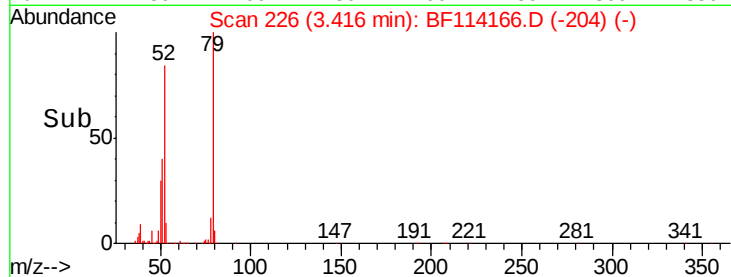
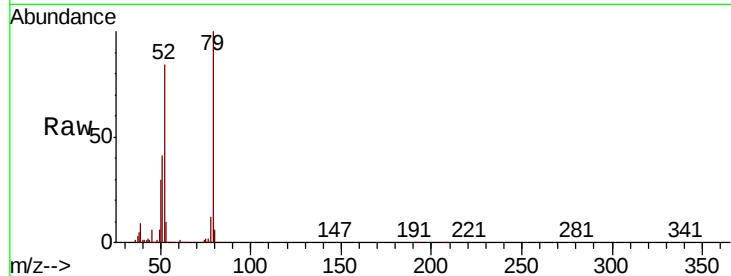
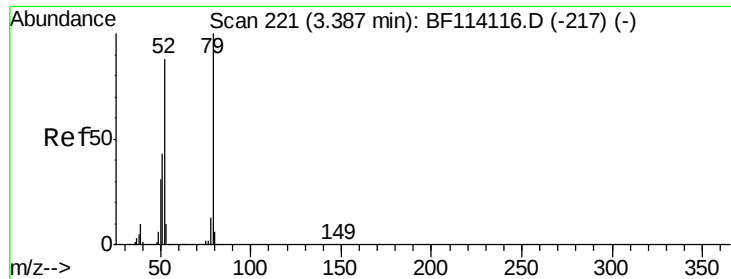
1,4-Dioxane
Concen: 36.932 ng
RT: 2.65 min Scan# 95
Delta R.T. 0.01 min
Lab File: BF114166.D
Acq: 11 May 2019 21:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.0	68.7	103.1
43	34.3	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





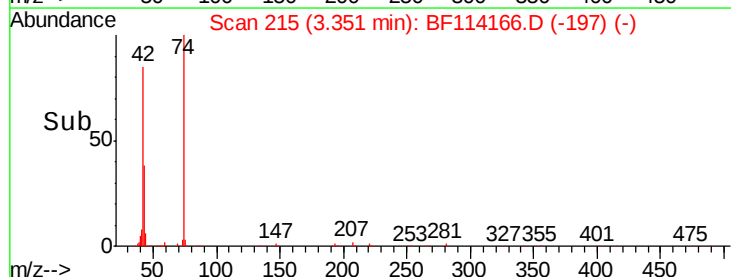
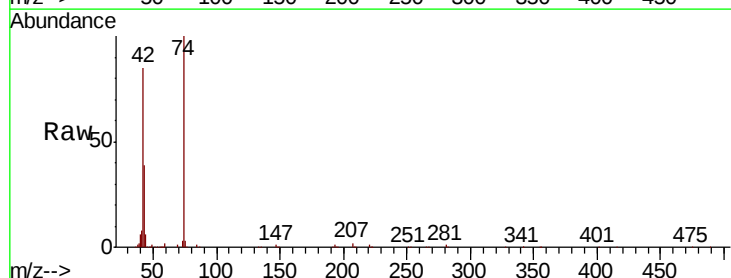
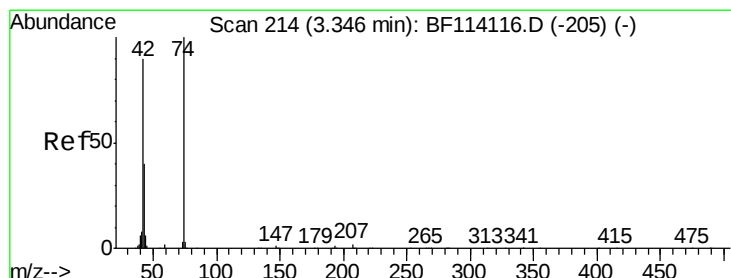
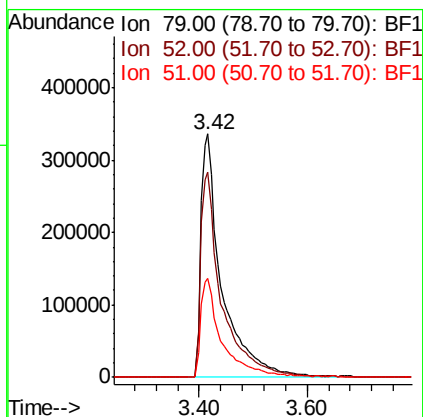
#3
 Pvridine
 Concen: 31.940 ng
 RT: 3.42 min Scan# 226
 Delta R.T. 0.03 min
 Lab File: BF114166.D
 Acq: 11 May 2019 21:22

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	84.4		70.6	105.8	
51	40.6		34.2	51.2	

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 P026-SS002-1218-01MS

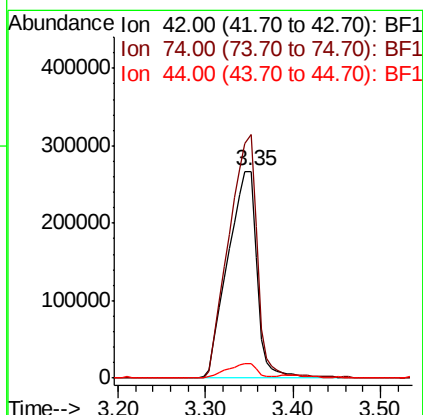
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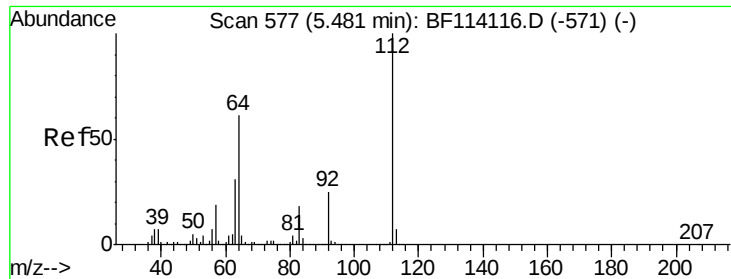
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#4
 n-Nitrosodimethylamine
 Concen: 44.288 ng
 RT: 3.35 min Scan# 215
 Delta R.T. 0.01 min
 Lab File: BF114166.D
 Acq: 11 May 2019 21:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	117.6		88.6	132.8	
44	7.2		5.5	8.3	





#5

2-Fluorophenol

Concen: 127.784 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF114166.D

Acq: 11 May 2019 21:22

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MS

Tot Ion:112 Resp: 2381318

Ion Ratio Lower Upper

112 100

64 67.7 49.0 73.6

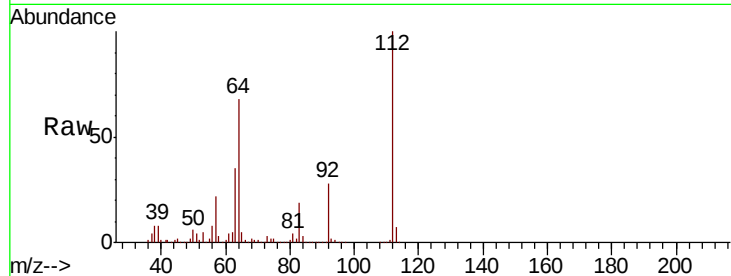
63 35.3 24.6 37.0

Manual Integrations

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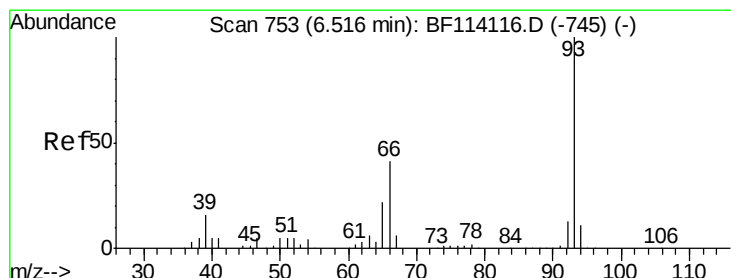
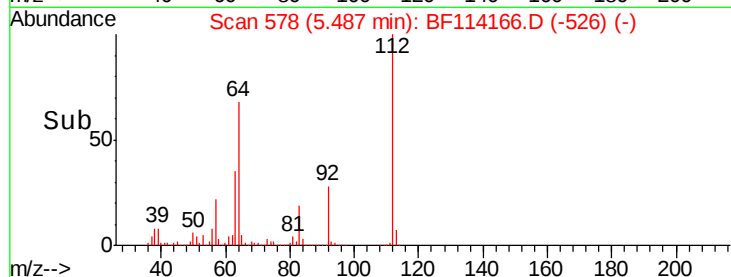
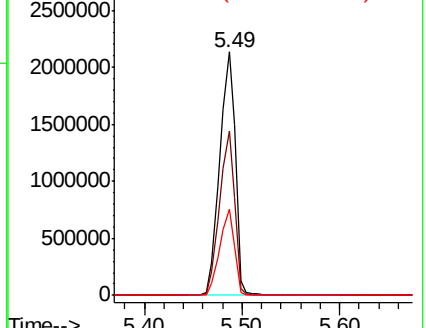
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 23.880 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF114166.D

Acq: 11 May 2019 21:22

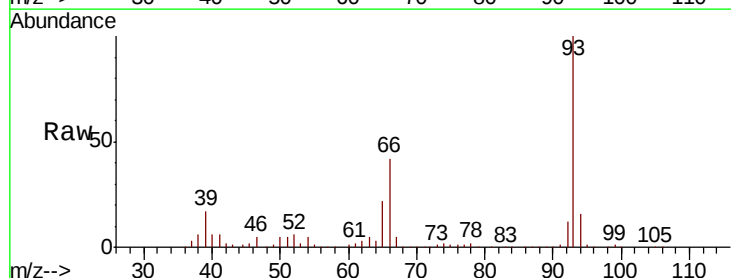
Tgt Ion: 93 Resp: 760285

Ion Ratio Lower Upper

93 100

66 41.5 33.2 49.8

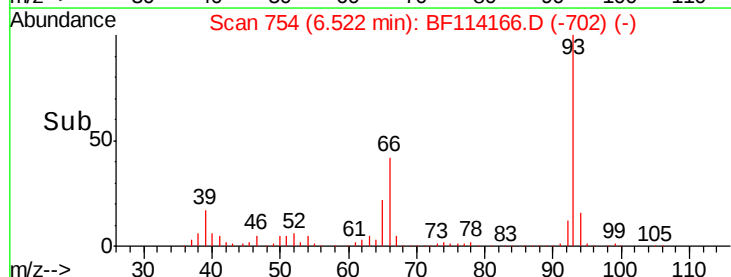
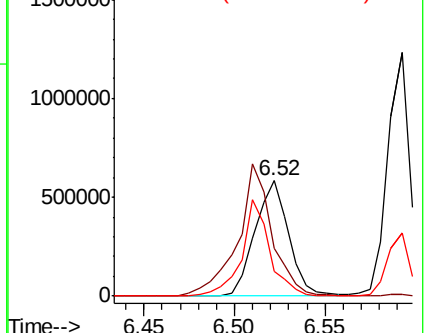
65 21.9 17.6 26.4

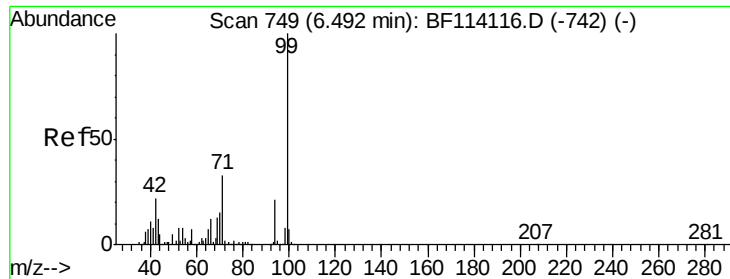


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 149.117 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF114166.D

Acq: 11 May 2019 21:22

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ClientSampleId :

P026-SS002-1218-01MS

Tot Ion: 99 Resp: 3286638

Ion Ratio Lower Upper

99 100

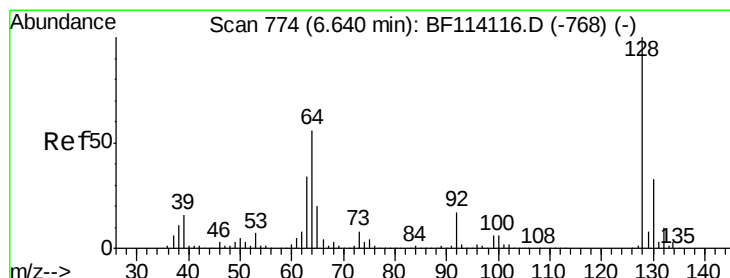
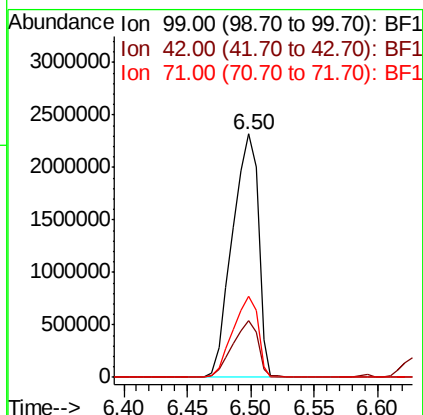
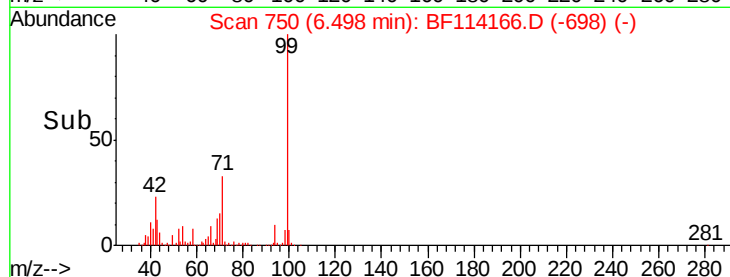
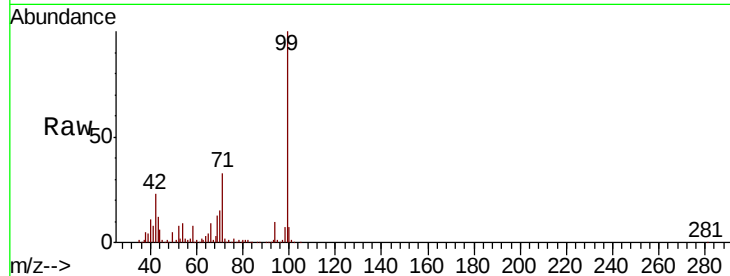
42 23.4 17.9 26.9

71 33.4 26.2 39.2

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#8

2-Chlorophenol

Concen: 49.795 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF114166.D

Acq: 11 May 2019 21:22

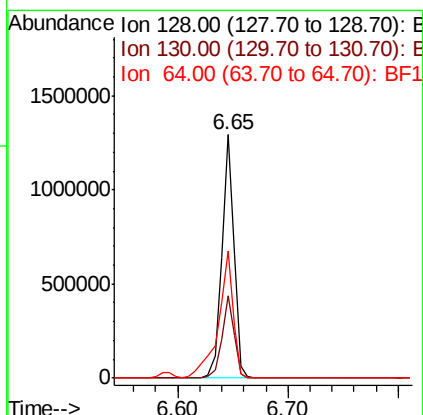
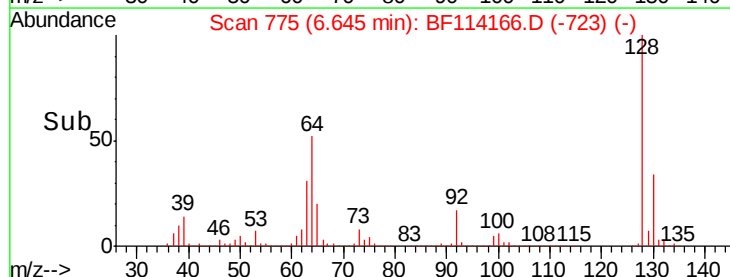
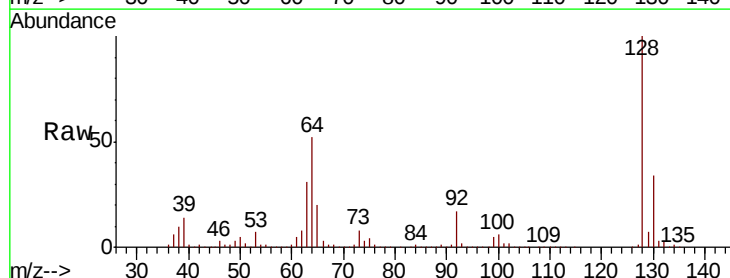
Tgt Ion: 128 Resp: 990643

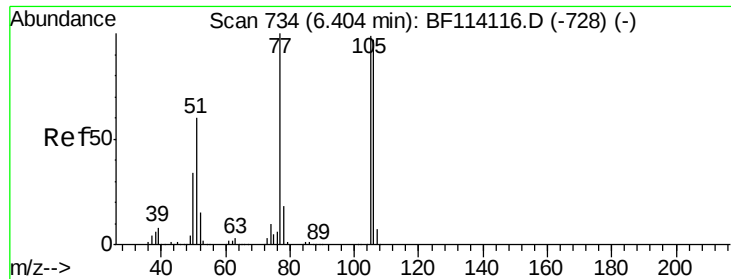
Ion Ratio Lower Upper

128 100

130 33.7 12.6 52.6

64 52.5 35.9 75.9





#9

Benzaldehyde

Concen: 32.076 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF114166.D

Acq: 11 May 2019 21:22

Instrument :

BNA_F

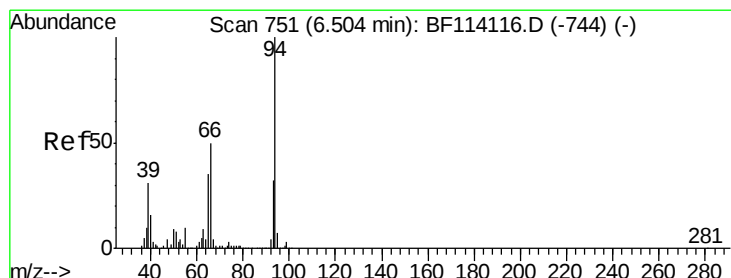
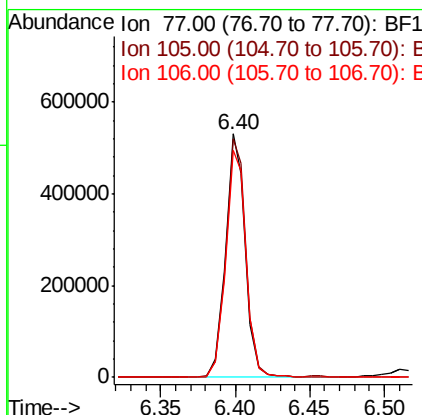
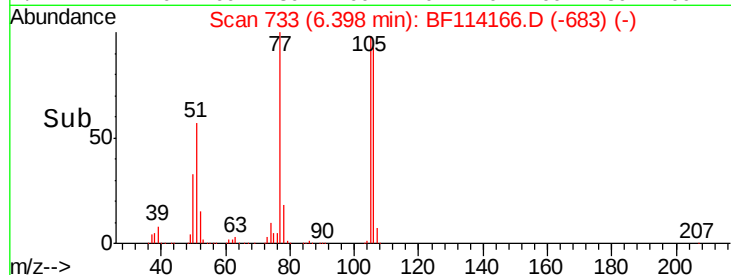
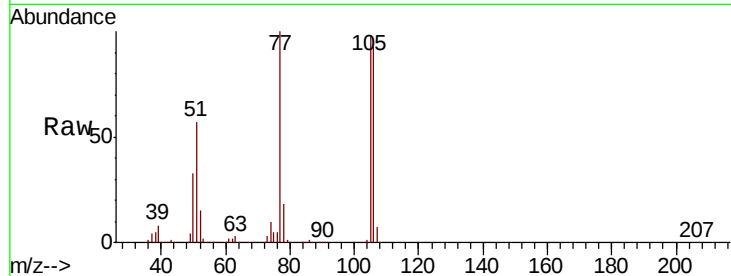
ClientSampleId :

P026-SS002-1218-01MS

Tot Ion:	77	Resp:	494943
Ion Ratio	Lower	Upper	
77	100		
105	97.7	79.3	119.3
106	93.4	77.0	117.0

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#10

Phenol

Concen: 48.588 ng

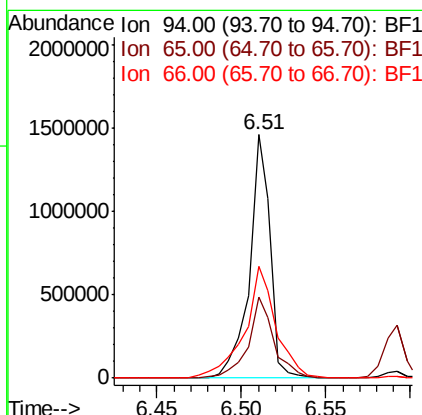
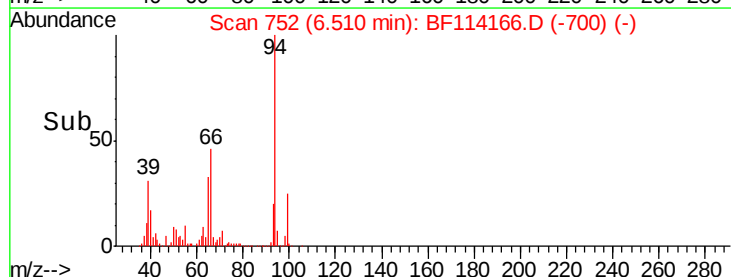
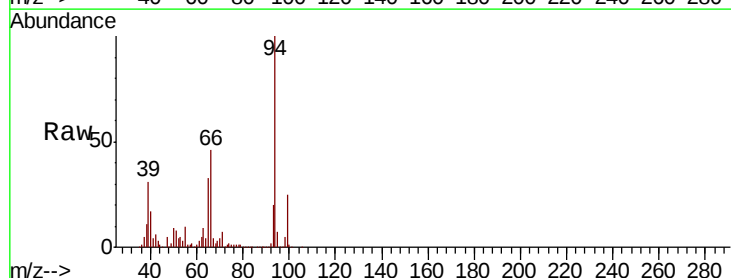
RT: 6.51 min Scan# 752

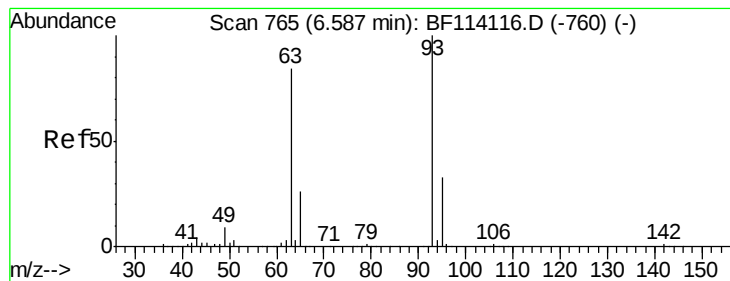
Delta R.T. 0.01 min

Lab File: BF114166.D

Acq: 11 May 2019 21:22

Tgt Ion:	94	Resp:	1259783
Ion Ratio	Lower	Upper	
94	100		
65	33.3	14.7	54.7
66	45.8	29.6	69.6





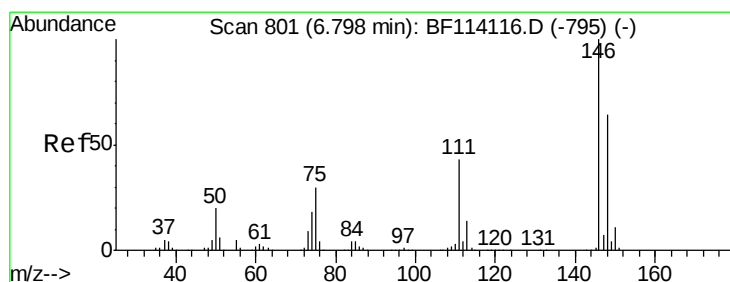
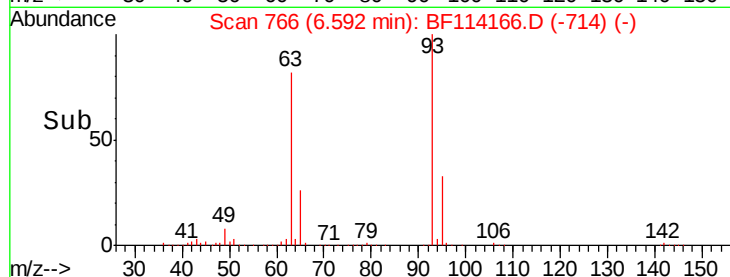
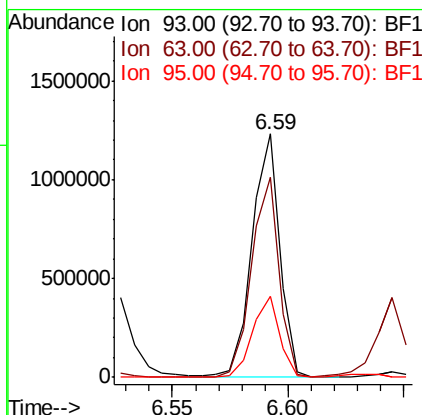
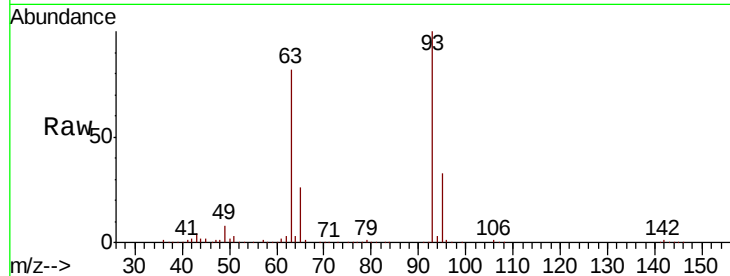
#11
bis(2-Chloroethyl)ether
Concen: 52.385 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF114166.D
Acq: 11 May 2019 21:22

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.9	63.6	103.6
95	33.1	13.1	53.1

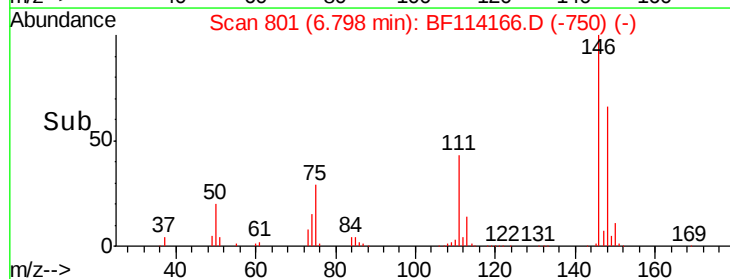
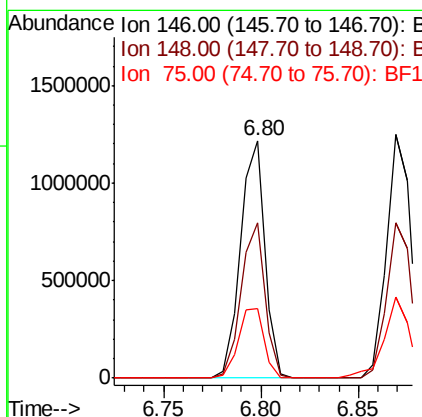
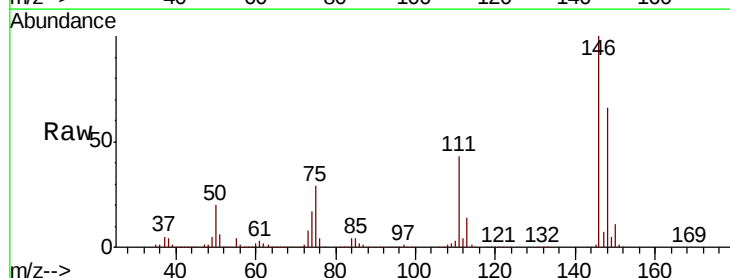
Manual Integrations
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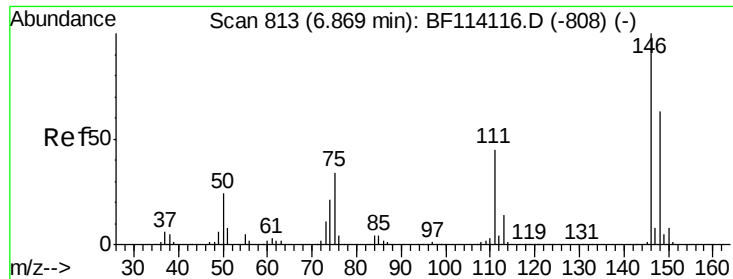
Sohil
5/13/2019 8:35:53 PM



#12
1,3-Dichlorobenzene
Concen: 47.210 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF114166.D
Acq: 11 May 2019 21:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.6	77.4
75	29.2	24.2	36.2





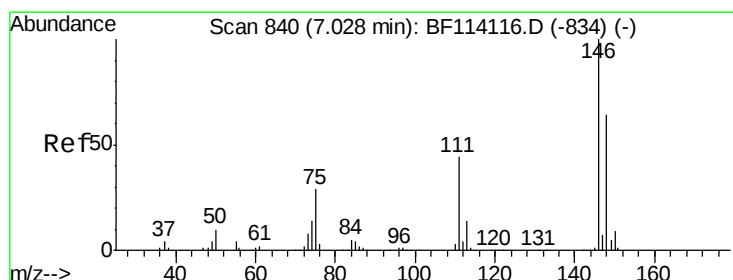
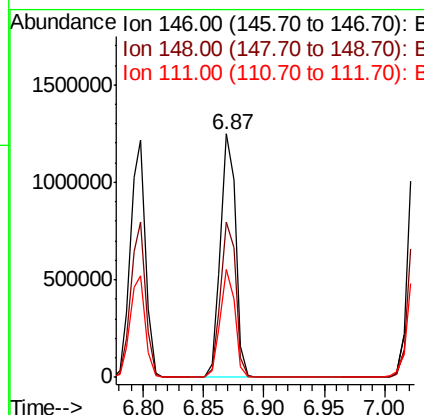
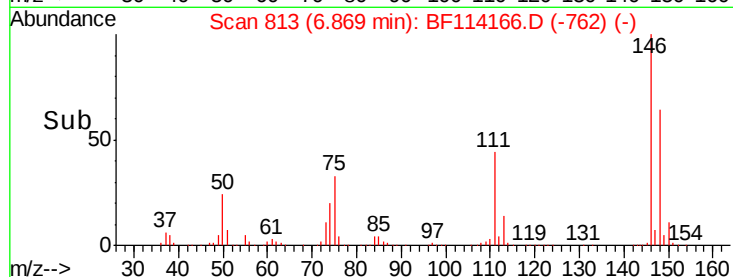
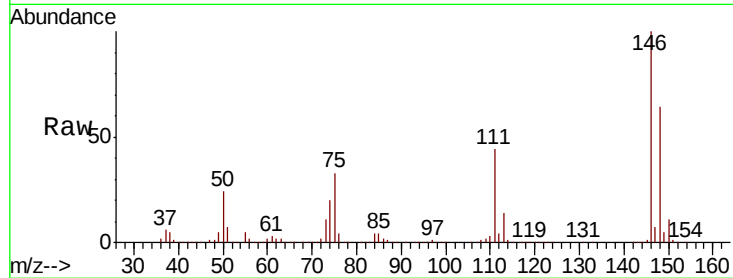
#13
 1,4-Dichlorobenzene
 Concen: 47.649 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF114166.D
 Acq: 11 May 2019 21:22

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS002-1218-01MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.2	75.2
111	44.4	35.8	53.6

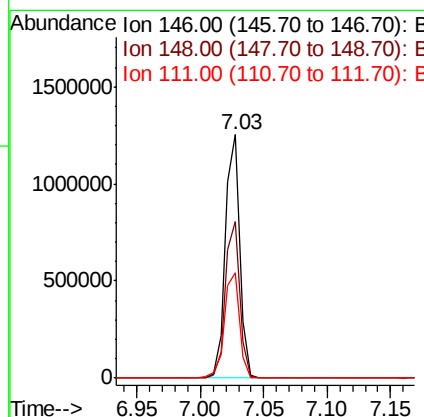
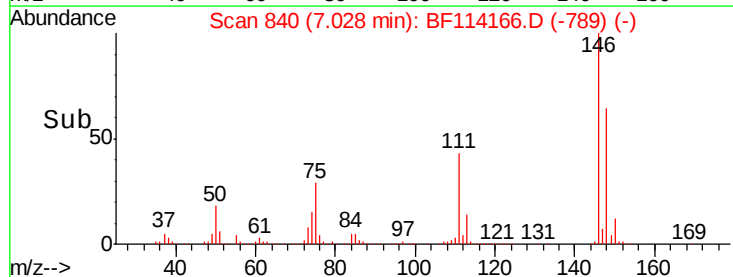
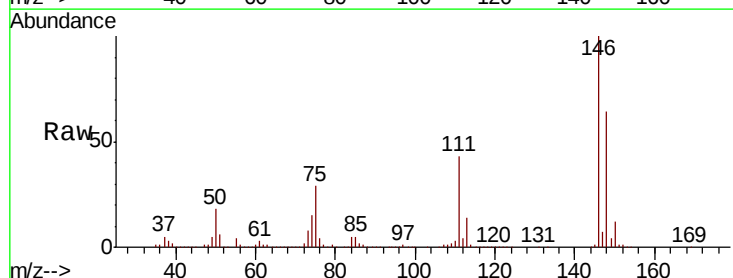
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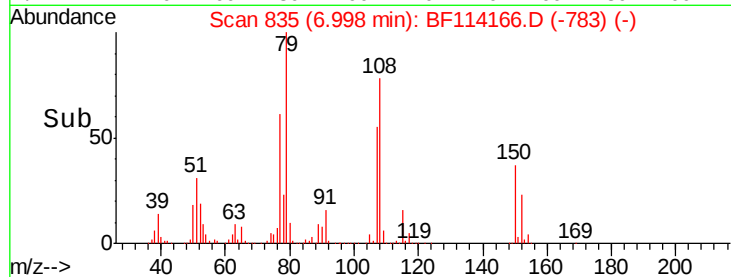
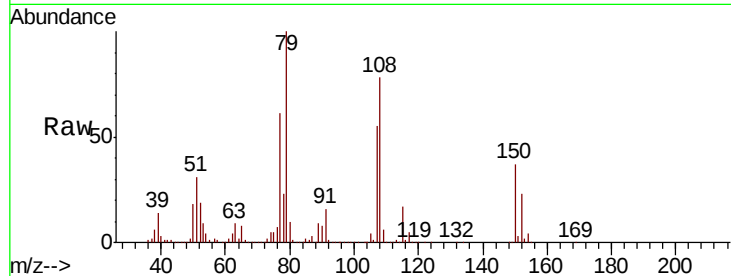
Sohil
 5/13/2019 8:35:53 PM



#14
 1,2-Dichlorobenzene
 Concen: 48.354 ng
 RT: 7.03 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BF114166.D
 Acq: 11 May 2019 21:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.1	76.7
111	43.3	35.3	52.9





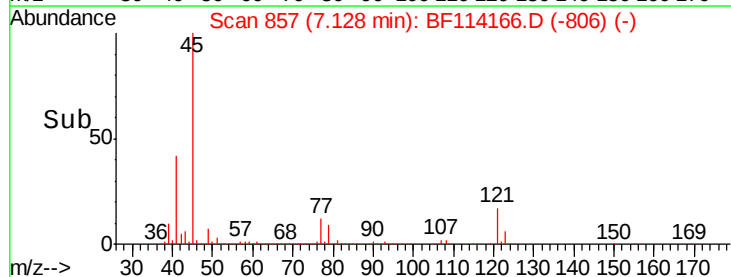
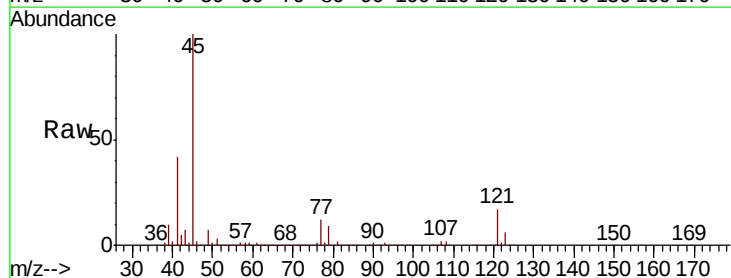
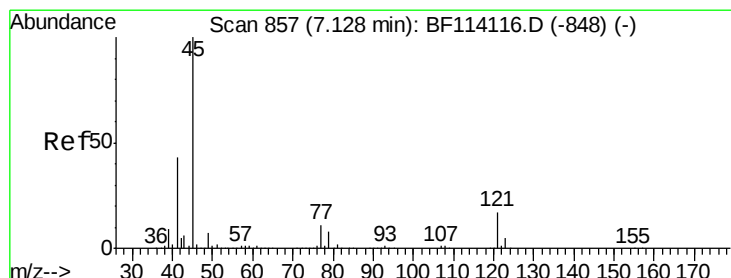
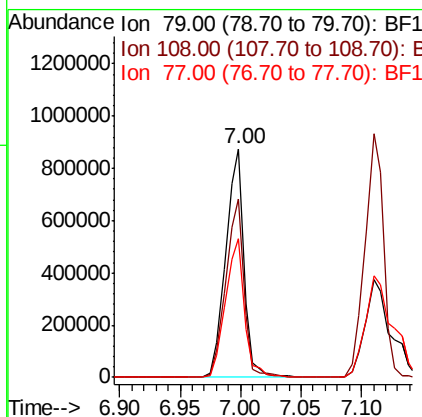
#15
Benzyl Alcohol
Concen: 53.268 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.01 min
Lab File: BF114166.D
Acq: 11 May 2019 21:22

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.8	62.1	93.1
77	60.9	51.0	76.6

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-01MS

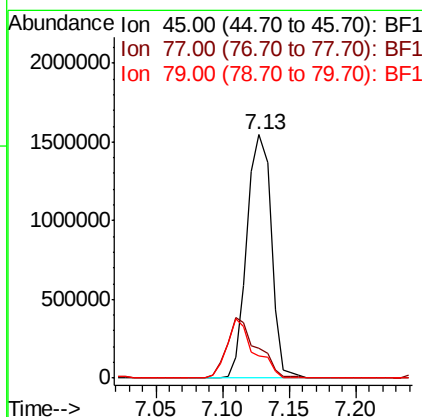
Manual Integrations
APPROVED

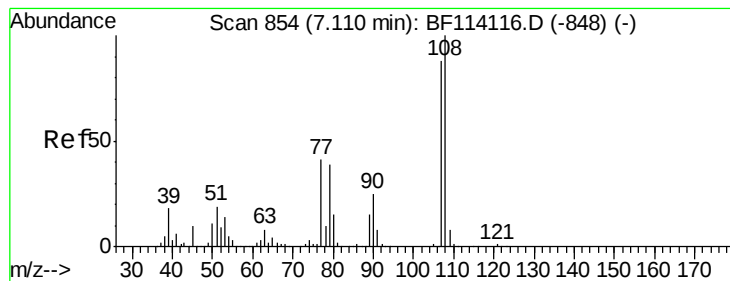
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.870 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF114166.D
Acq: 11 May 2019 21:22

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.2	0.0	31.1
79	9.4	0.0	28.4





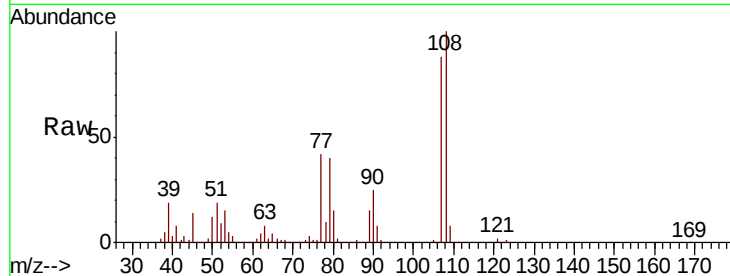
#17
2-Methylphenol
Concen: 53.258 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF114166.D
Acq: 11 May 2019 21:22

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	113.3	90.5	135.7		
77	47.2	37.0	55.4		
79	45.6	35.8	53.8		

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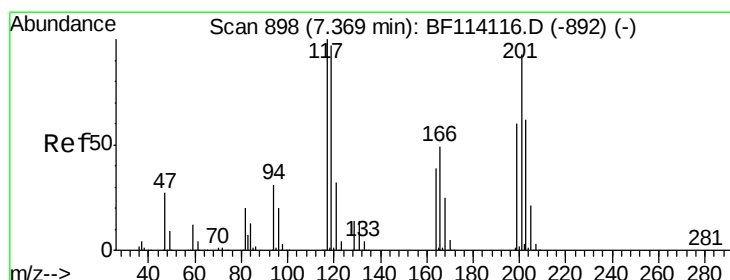
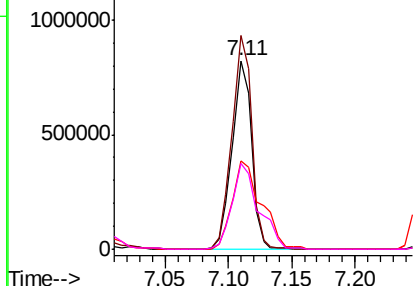
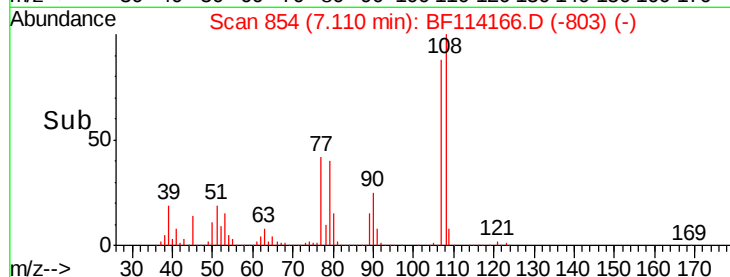
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

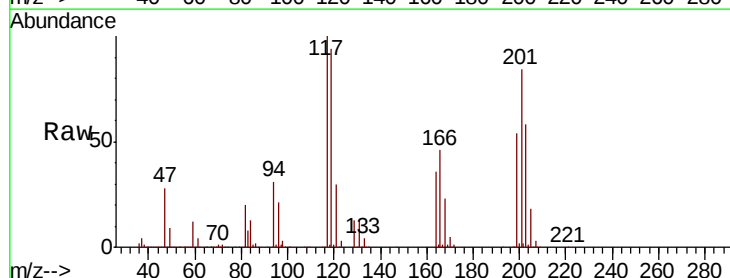
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 47.567 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF114166.D
Acq: 11 May 2019 21:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	93.8	77.4	116.2		
201	84.4	74.5	111.7		

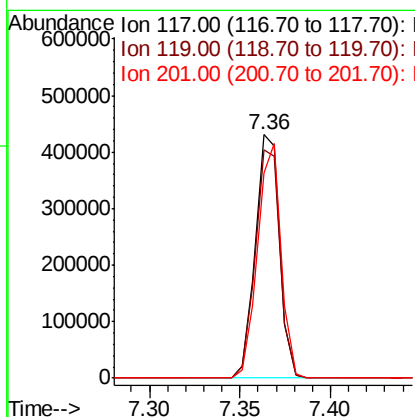
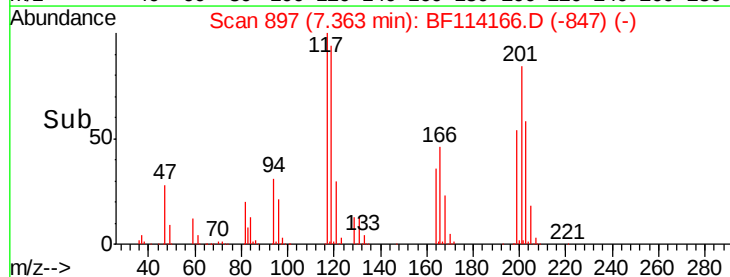


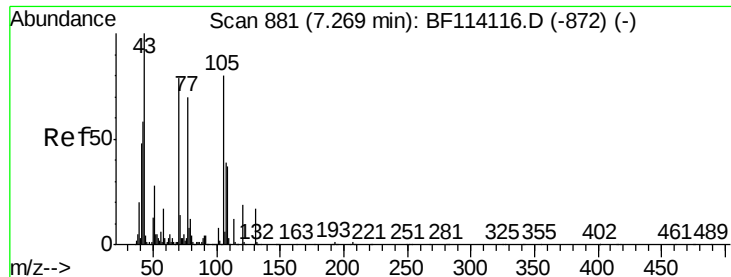
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





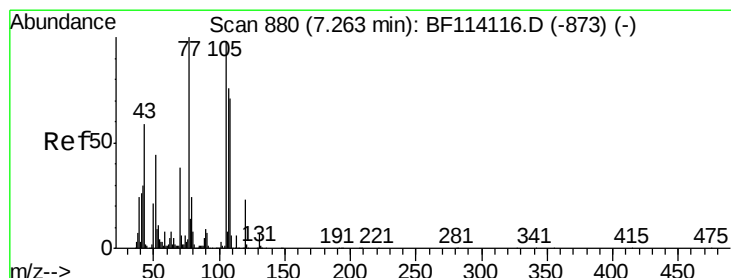
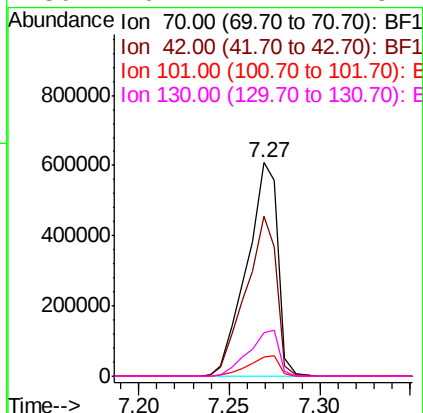
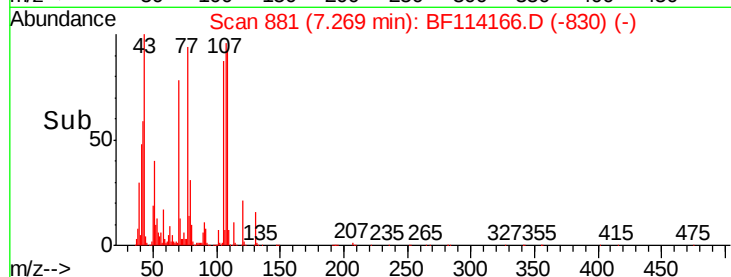
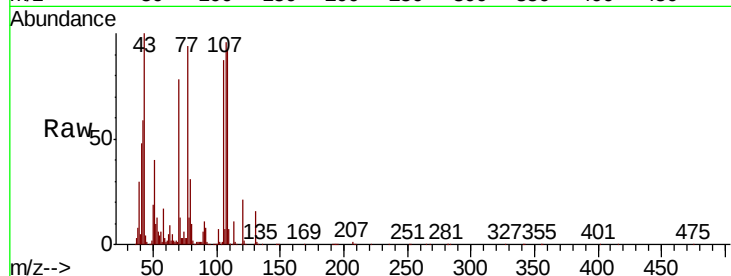
#19
n-Nitroso-di-n-propylamine
Concen: 51.642 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF114166.D
Acq: 11 May 2019 21:22

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	75.1	58.6	87.8
101	8.8	7.8	11.8
130	20.2	17.1	25.7

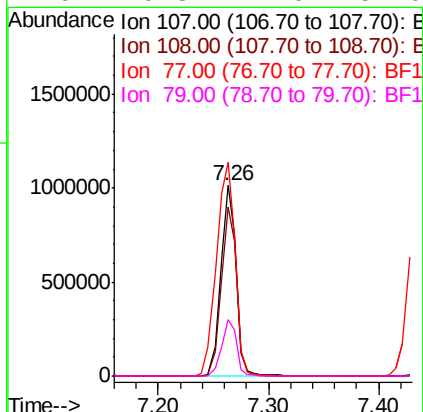
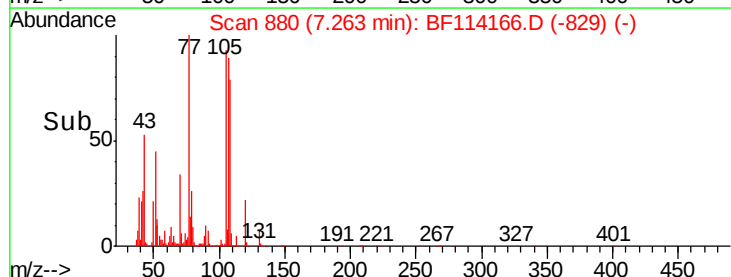
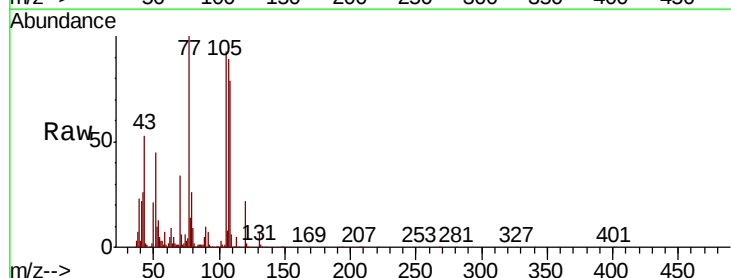
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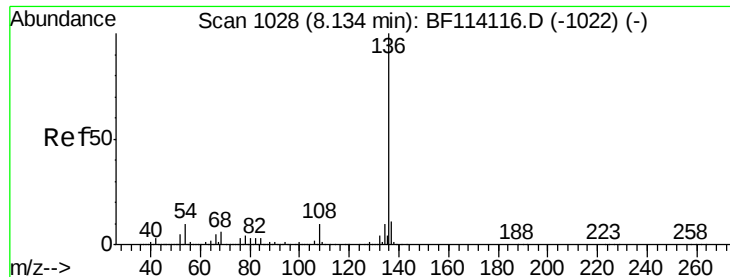
Sohil
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#20
3+4-Methylphenols
Concen: 51.459 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF114166.D
Acq: 11 May 2019 21:22

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.1	73.8	113.8
77	112.3	111.5	151.5
79	29.3	12.0	52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF114166.D

Acq: 11 May 2019 21:22

Instrument :

BNA_F

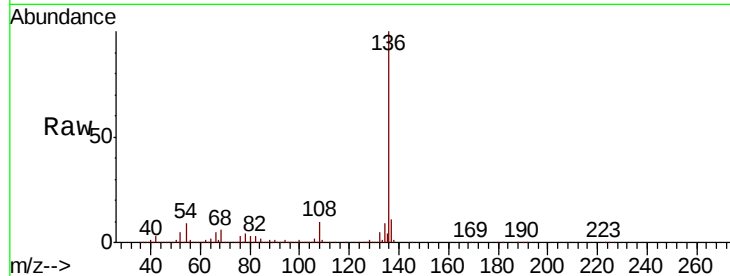
ClientSampleId :

P026-SS002-1218-01MS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	9.5	7.8	11.8
68	6.4	5.1	7.7

Manual Integrations
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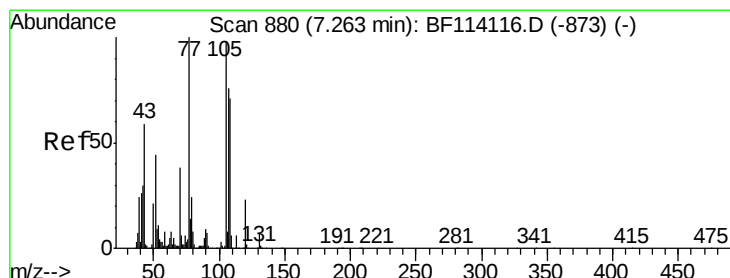
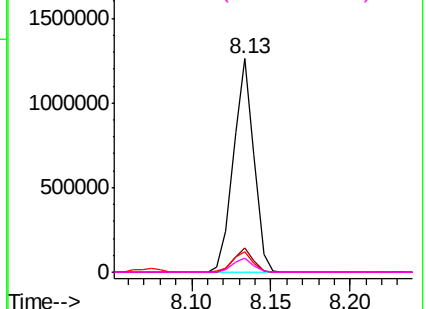
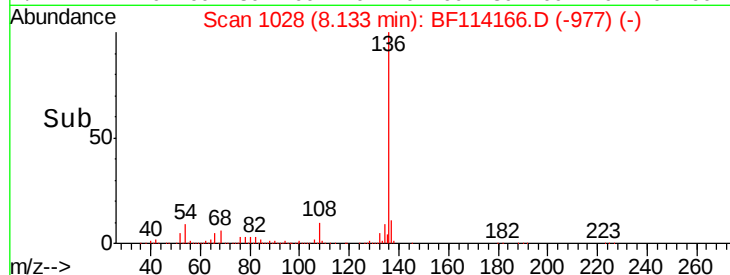
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 53.384 ng

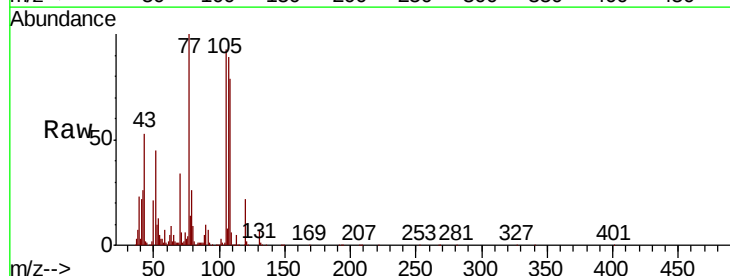
RT: 7.26 min Scan# 880

Delta R.T. -0.00 min

Lab File: BF114166.D

Acq: 11 May 2019 21:22

Tgt Ion	Ratio	Lower	Upper
105	100		
71	6.3	5.3	7.9
51	48.0	36.2	54.4
120	23.4	18.6	28.0



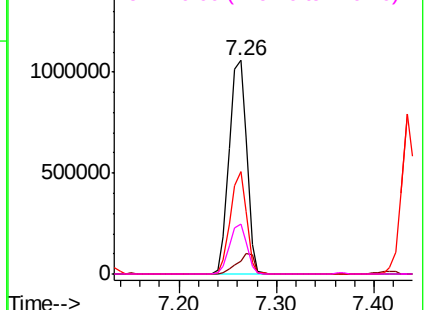
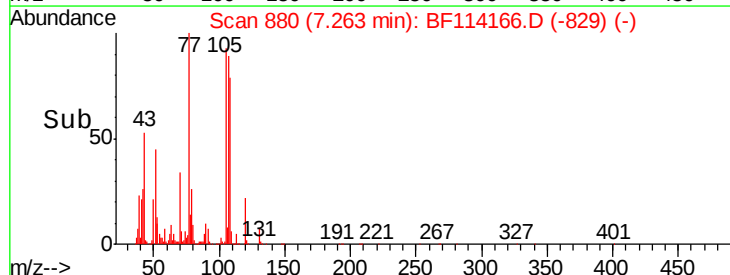
Abundance

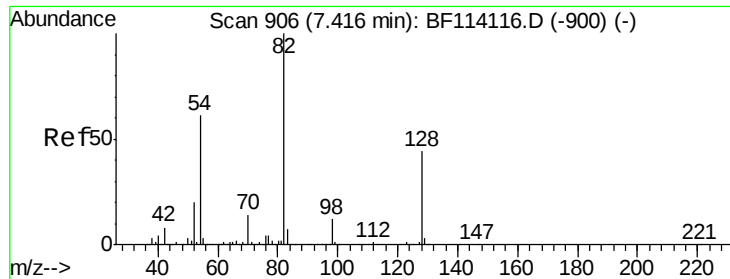
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





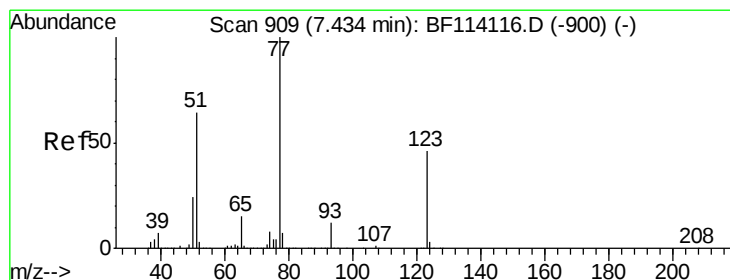
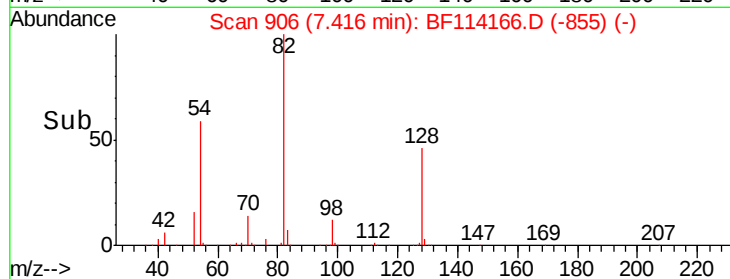
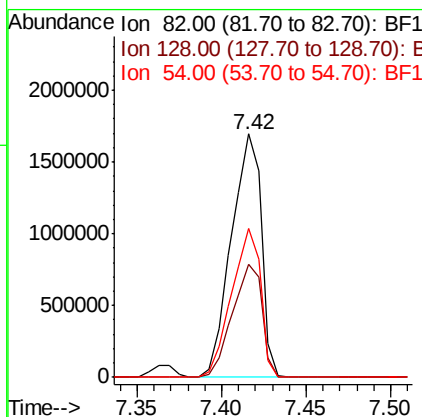
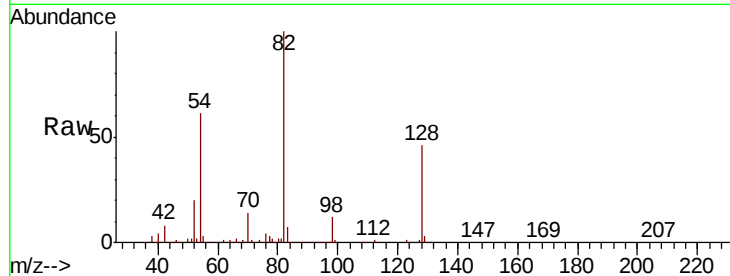
#23
 Nitrobenzene-d5
 Concen: 104.367 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BF114166.D
 Acq: 11 May 2019 21:22

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS002-1218-01MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	35.5	53.3
54	61.2	48.5	72.7

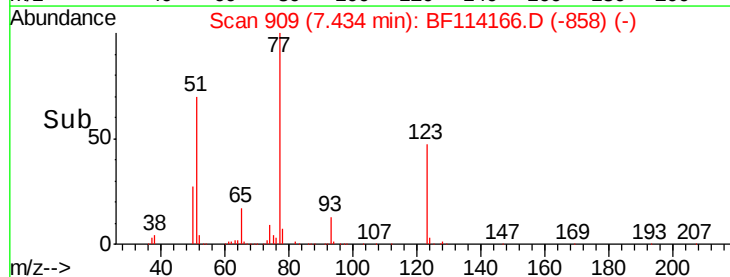
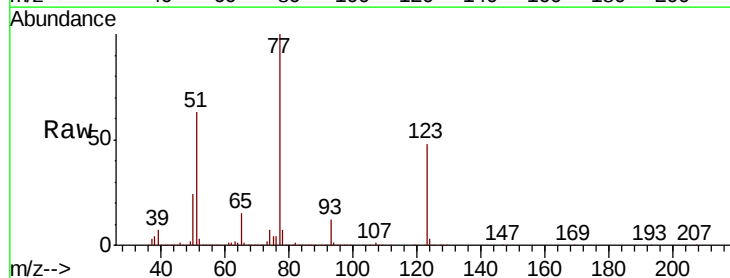
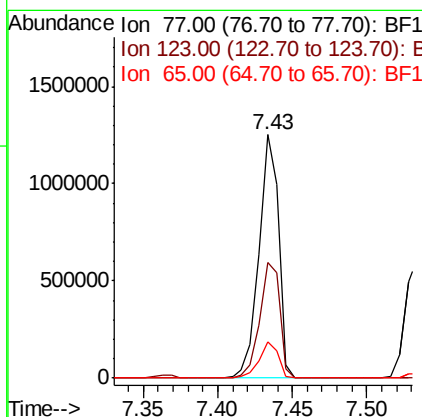
Manual Integrations
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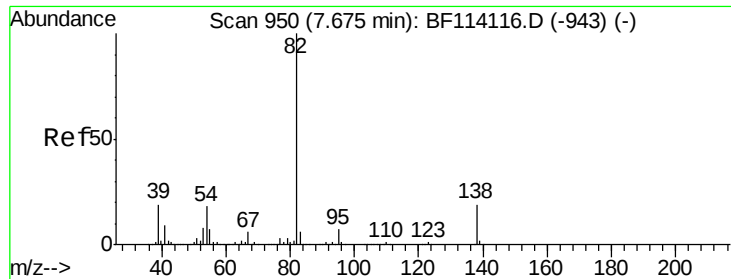
Sohil
 5/13/2019 8:35:53 PM



#24
 Nitrobenzene
 Concen: 55.281 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BF114166.D
 Acq: 11 May 2019 21:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.6	36.9	55.3
65	15.0	11.8	17.6





#25

Isophorone

Concen: 56.642 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF114166.D

Acq: 11 May 2019 21:22

Instrument :

BNA_F

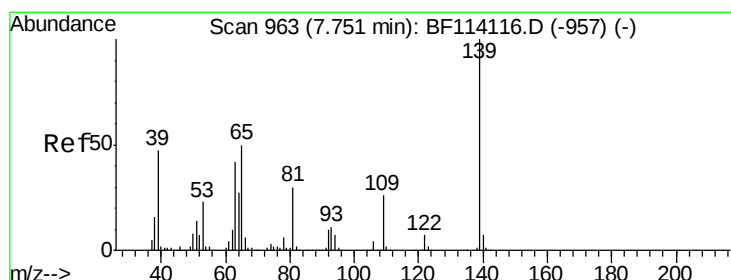
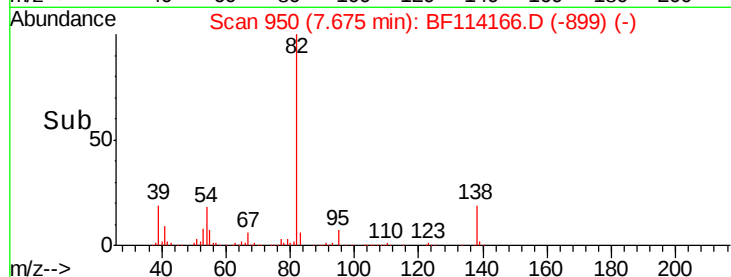
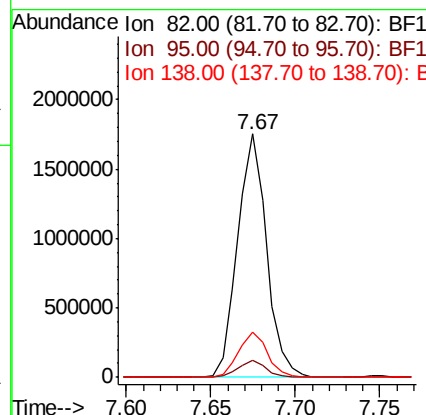
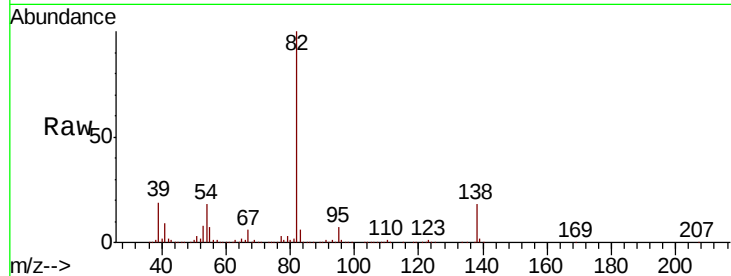
ClientSampleId :

P026-SS002-1218-01MS

Tot Ion:	82	Resp:	2098511
Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.6	8.4
138	18.4	14.8	22.2

Manual Integrations
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#26

2-Nitrophenol

Concen: 59.858 ng

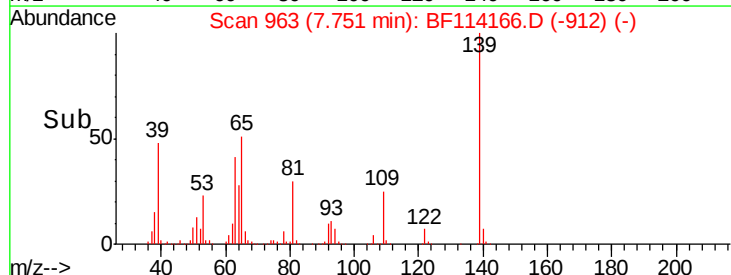
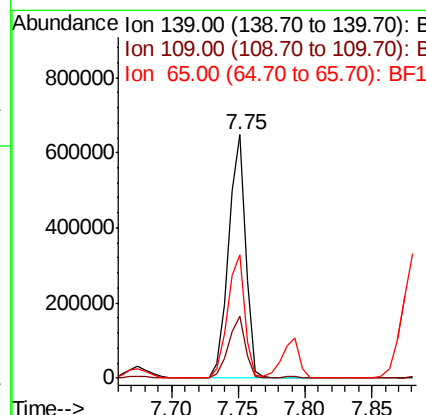
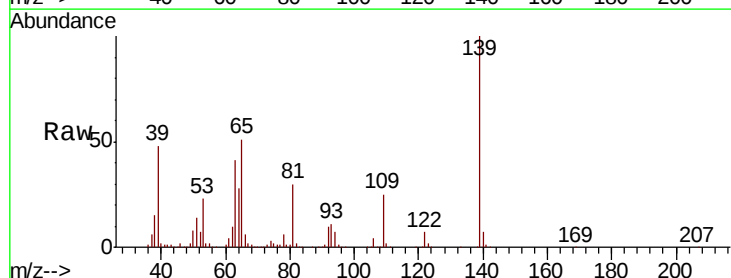
RT: 7.75 min Scan# 963

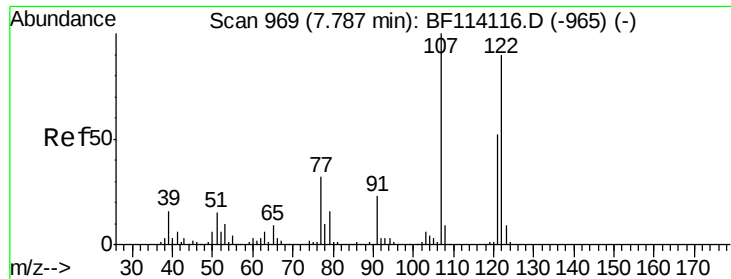
Delta R.T. -0.00 min

Lab File: BF114166.D

Acq: 11 May 2019 21:22

Tgt Ion:	139	Resp:	590869
Ion	Ratio	Lower	Upper
139	100		
109	25.3	20.7	31.1
65	50.8	40.2	60.2





#27

2,4-Dimethylphenol

Concen: 60.953 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF114166.D

Acq: 11 May 2019 21:22

Instrument :

BNA_F

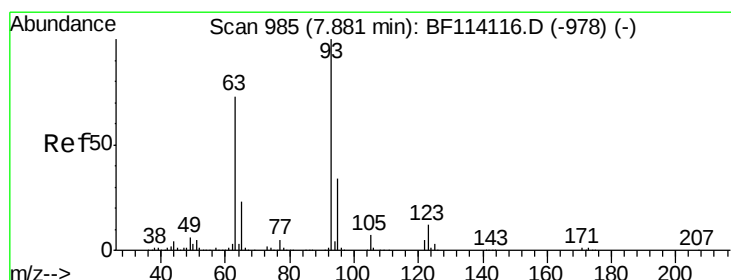
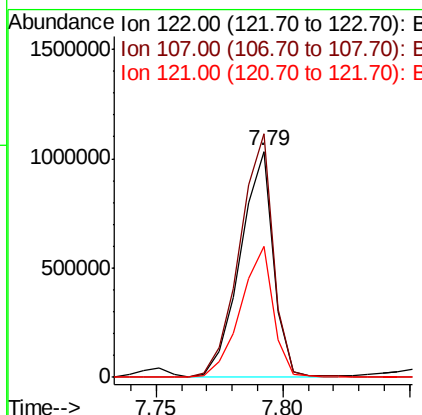
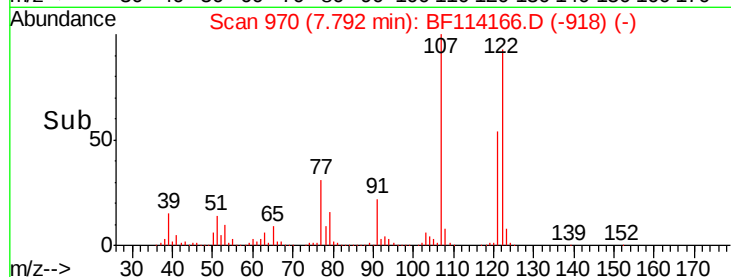
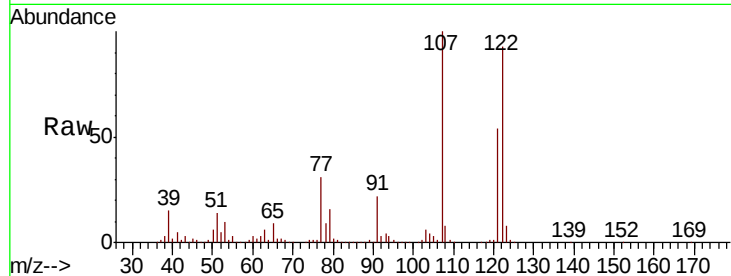
ClientSampleId :

P026-SS002-1218-01MS

Tot Ion:	122	Resp:	944986
Ion Ratio	Lower	Upper	
122	100		
107	107.7	88.4	132.6
121	58.0	45.9	68.9

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 54.726 ng

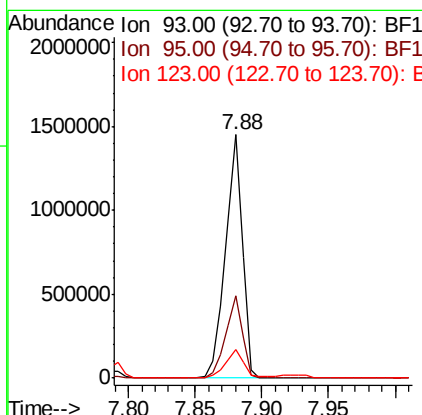
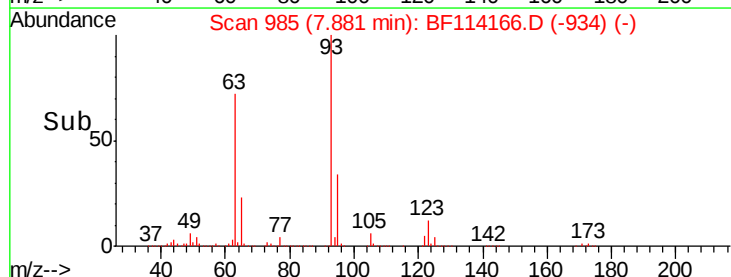
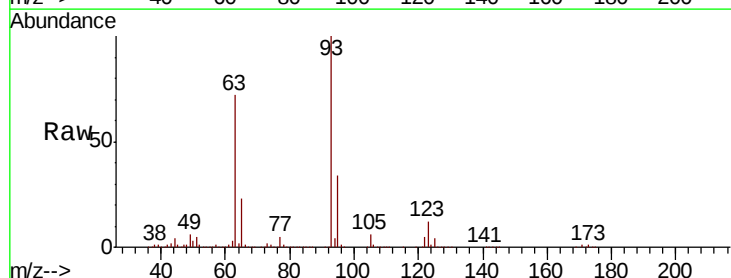
RT: 7.88 min Scan# 985

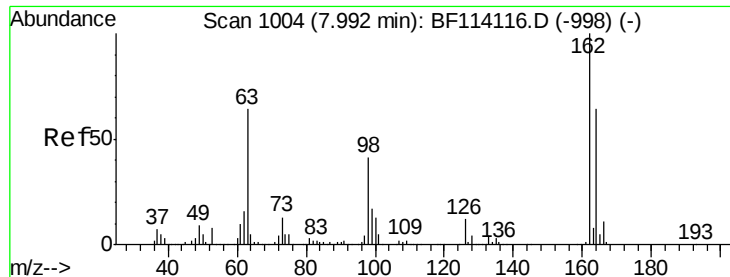
Delta R.T. -0.00 min

Lab File: BF114166.D

Acq: 11 May 2019 21:22

Tgt Ion:	93	Resp:	1315527
Ion Ratio	Lower	Upper	
93	100		
95	33.8	26.8	40.2
123	11.7	9.5	14.3





#29

2,4-Dichlorophenol

Concen: 57.237 ng

RT: 8.00 min Scan# 1005

Delta R.T. 0.01 min

Lab File: BF114166.D

Acq: 11 May 2019 21:22

Instrument :

BNA_F

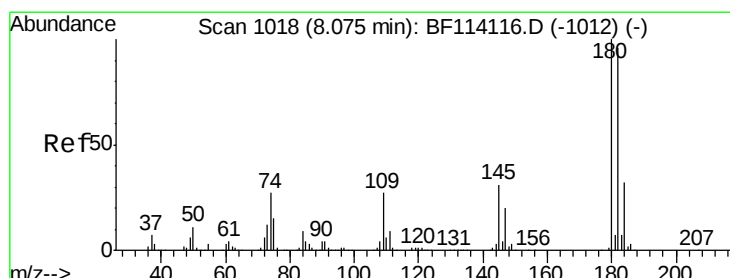
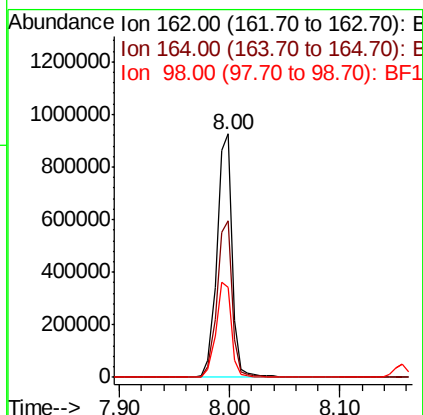
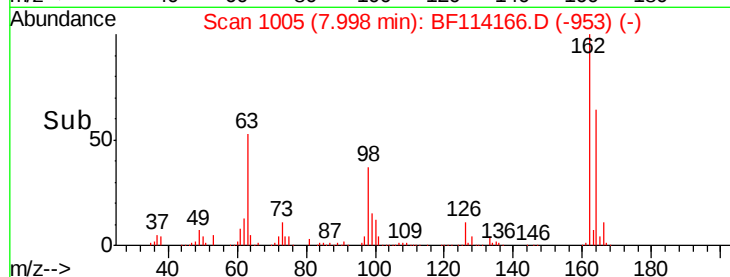
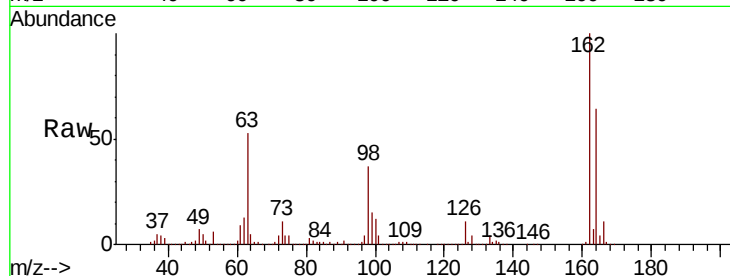
ClientSampleId :

P026-SS002-1218-01MS

Tot Ion:	162	Resp:	883612
Ion Ratio	Lower	Upper	
162	100		
164	64.3	43.6	83.6
98	36.7	20.6	60.6

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#30

1,2,4-Trichlorobenzene

Concen: 52.098 ng

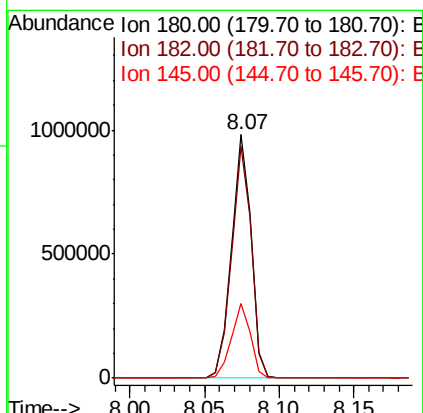
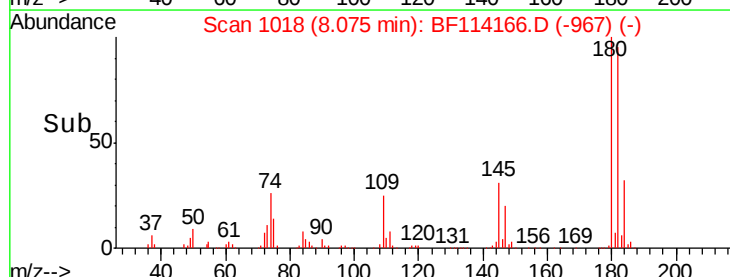
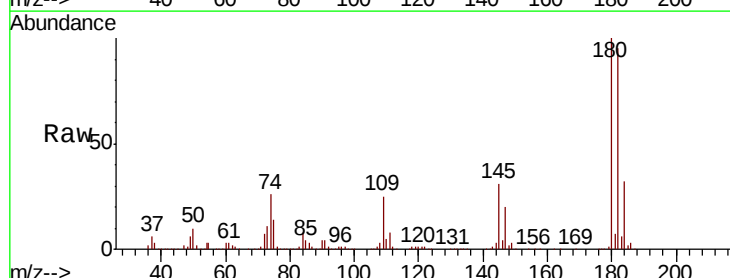
RT: 8.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BF114166.D

Acq: 11 May 2019 21:22

Tgt Ion:	180	Resp:	914581
Ion Ratio	Lower	Upper	
180	100		
182	95.1	76.6	114.8
145	30.7	25.1	37.7





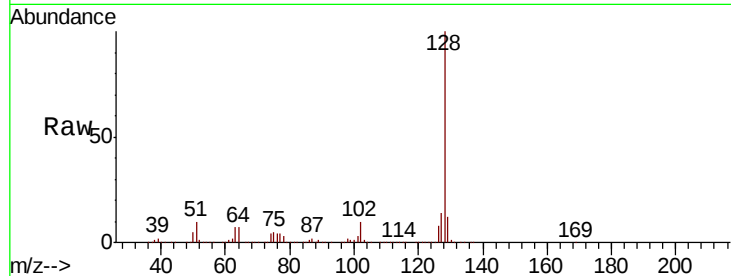
#31
Naphthalene
Concen: 55.209 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF114166.D
Acq: 11 May 2019 21:22

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.6	14.4
127	14.5	11.3	16.9

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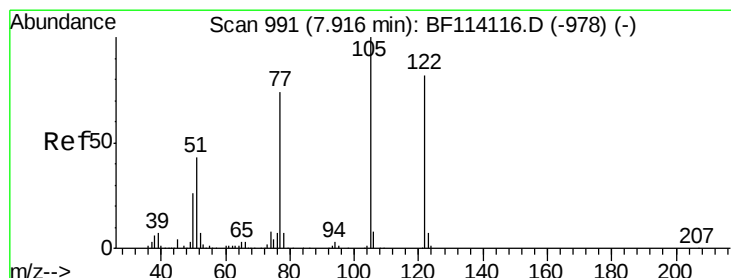
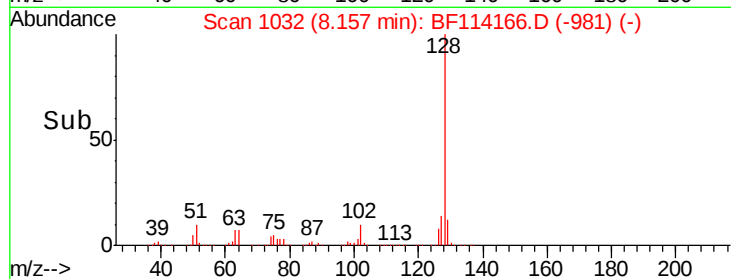
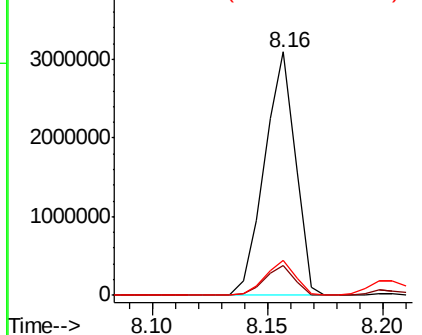


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 56.607 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BF114166.D
Acq: 11 May 2019 21:22

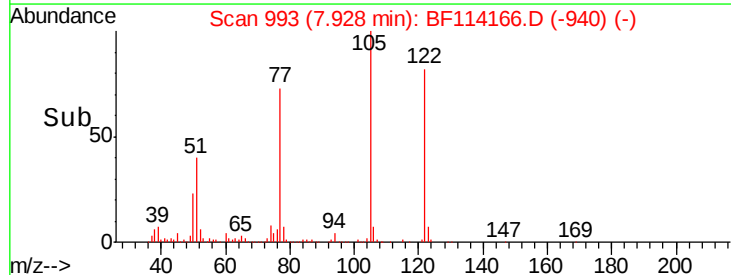
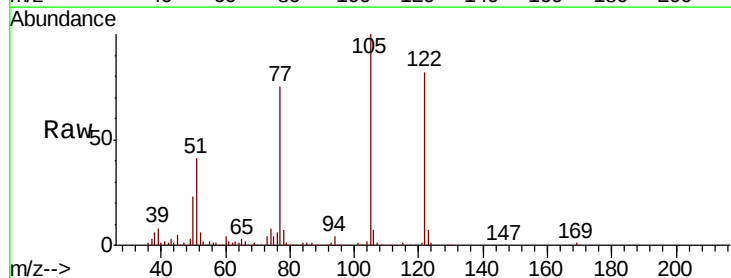
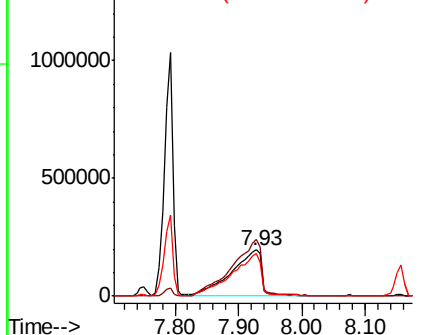
Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.3	99.9	139.9
77	91.4	69.4	109.4

Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





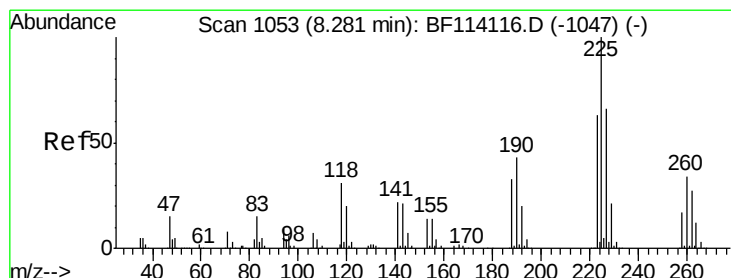
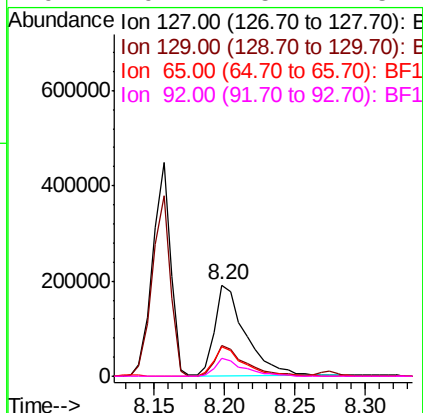
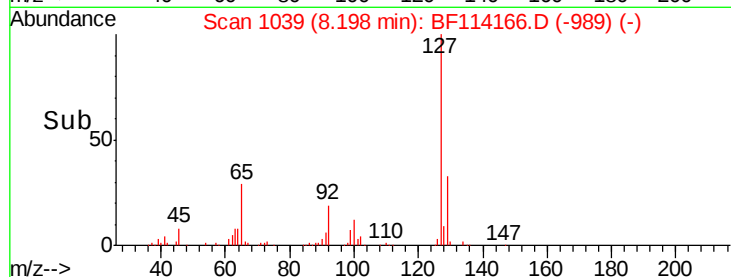
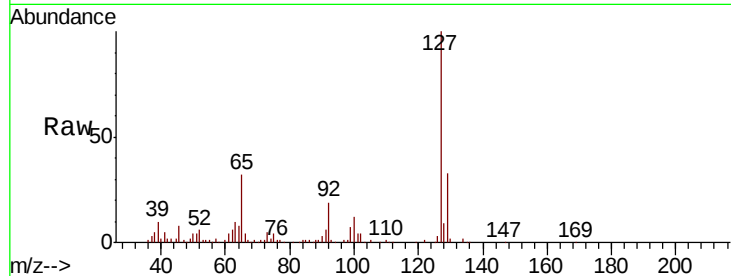
#33
4-Chloroaniline
Concen: 12.124 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF114166.D
Acq: 11 May 2019 21:22

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.4	26.7	40.1	
65	31.8	25.4	38.0	
92	19.1	15.4	23.2	

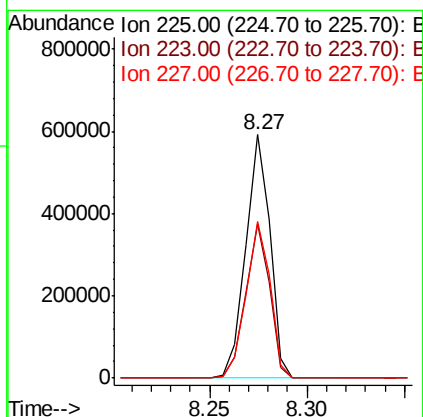
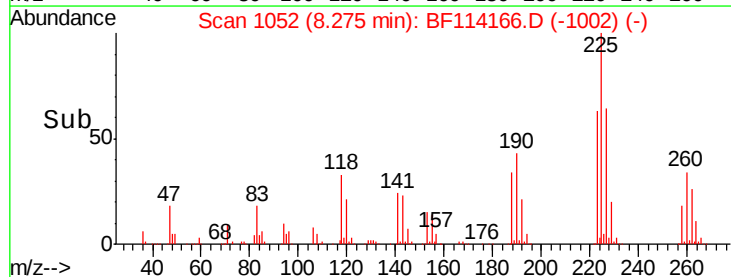
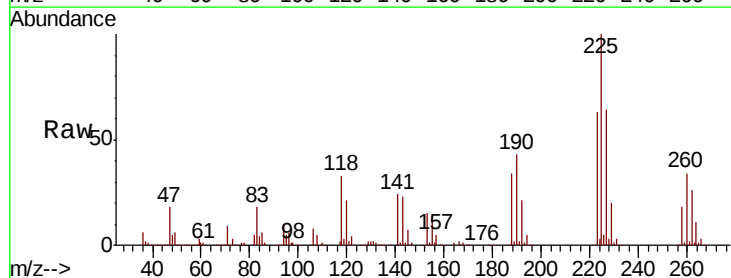
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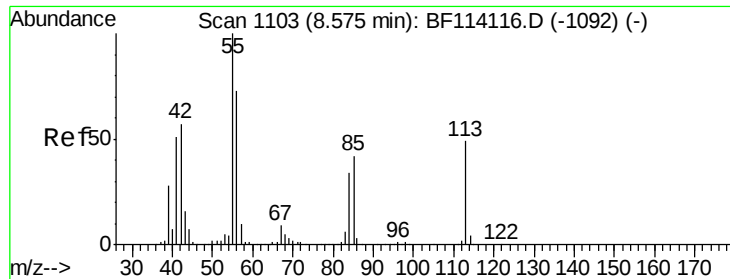
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#34
Hexachlorobutadiene
Concen: 50.985 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF114166.D
Acq: 11 May 2019 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.2	50.2	75.2	
227	64.2	52.6	79.0	





#35

Caprolactam

Concen: 65.571 ng/ml

RT: 8.58 min Scan# 1104

Delta R.T. 0.01 min

Lab File: BF114166.D

Acq: 11 May 2019 21:22

Instrument :

BNA_F

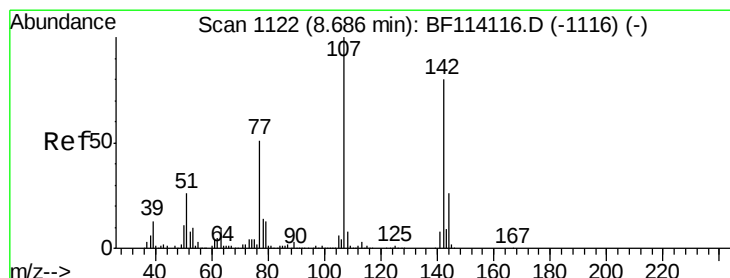
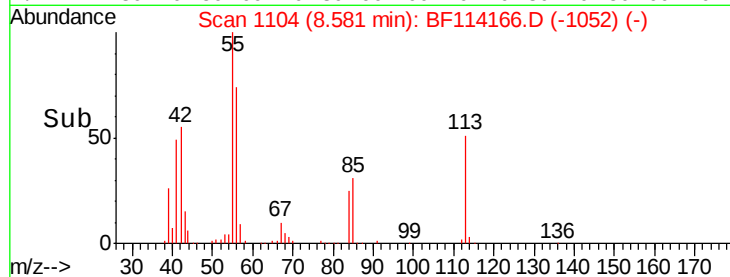
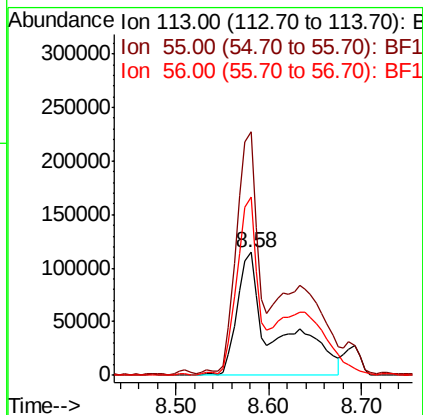
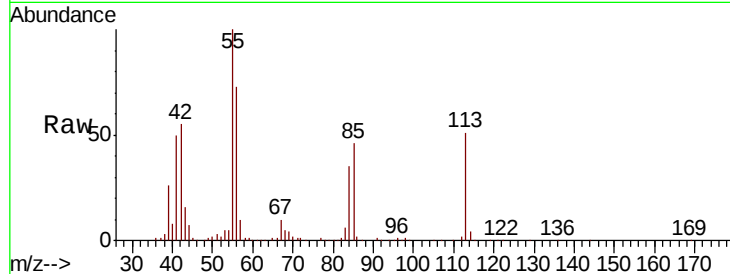
ClientSampleId :

P026-SS002-1218-01MS

Tot Ion:	113	Resp:	330079
Ion Ratio	Lower	Upper	
113	100		
55	197.9	183.5	223.5
56	145.4	128.8	168.8

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 64.303 ng/ml

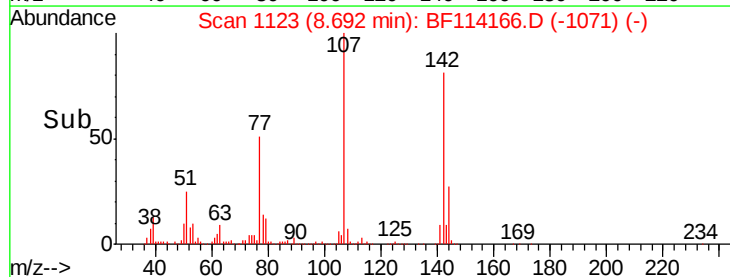
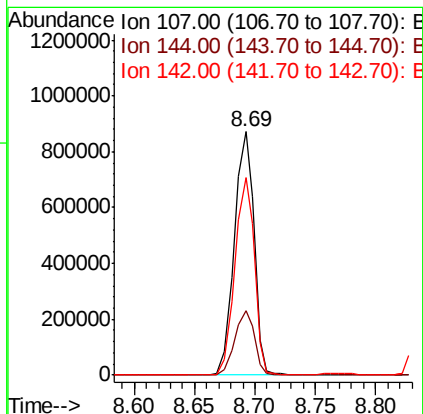
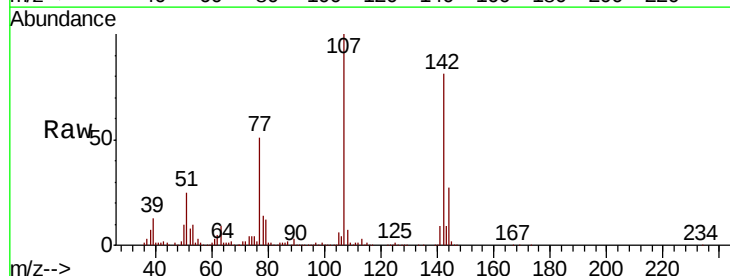
RT: 8.69 min Scan# 1123

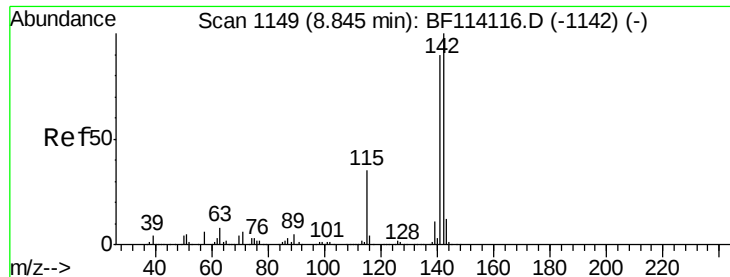
Delta R.T. 0.01 min

Lab File: BF114166.D

Acq: 11 May 2019 21:22

Tgt Ion:	107	Resp:	999238
Ion Ratio	Lower	Upper	
107	100		
144	26.5	20.4	30.6
142	81.1	64.2	96.4





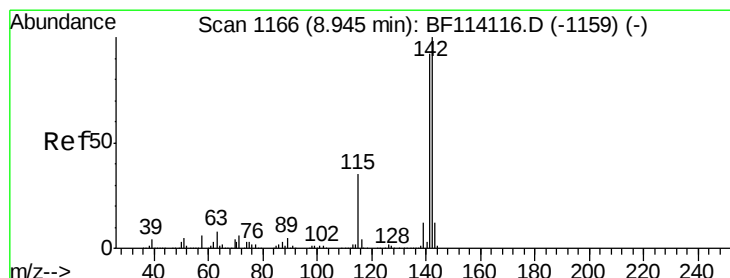
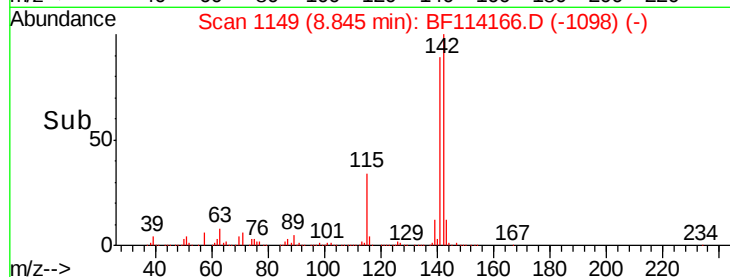
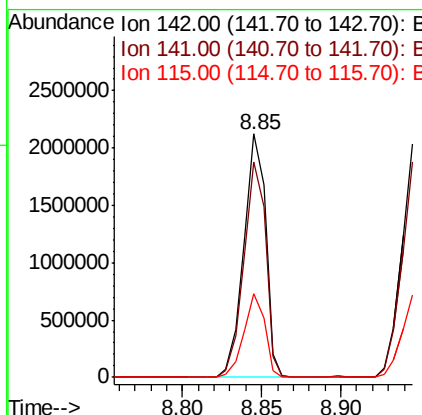
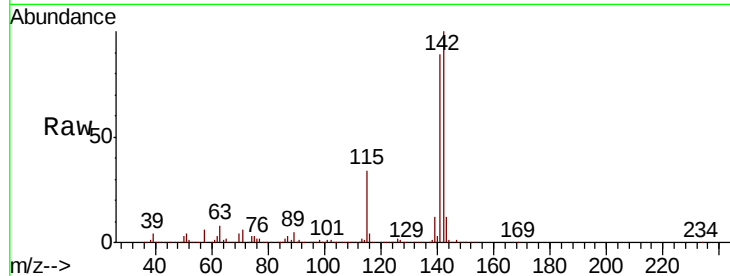
#37
2-Methylnaphthalene
Concen: 59.996 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF114166.D
Acq: 11 May 2019 21:22

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.1	108.1
115	34.2	28.0	42.0

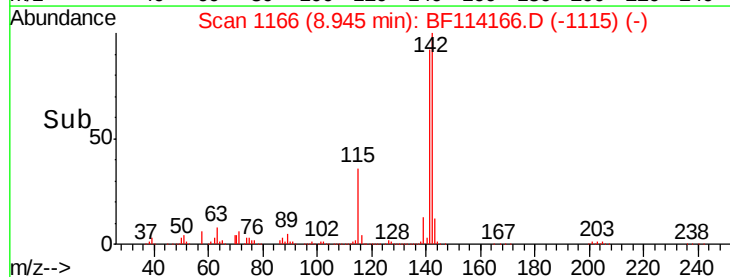
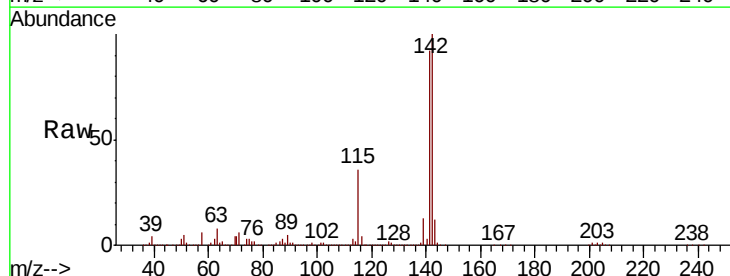
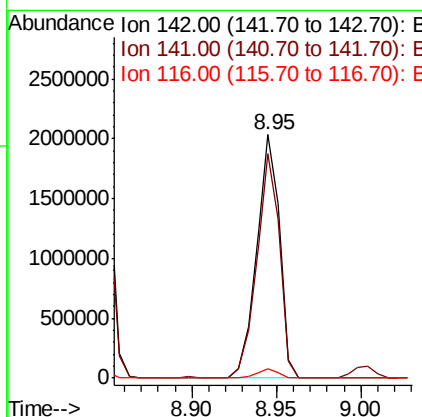
Manual Integrations
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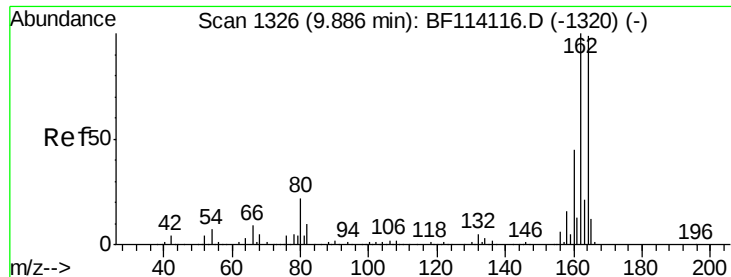
Sohil
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#38
1-Methylnaphthalene
Concen: 60.056 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF114166.D
Acq: 11 May 2019 21:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.4	110.0
116	3.9	3.1	4.7





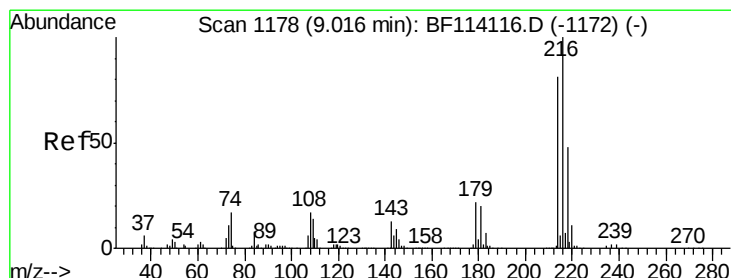
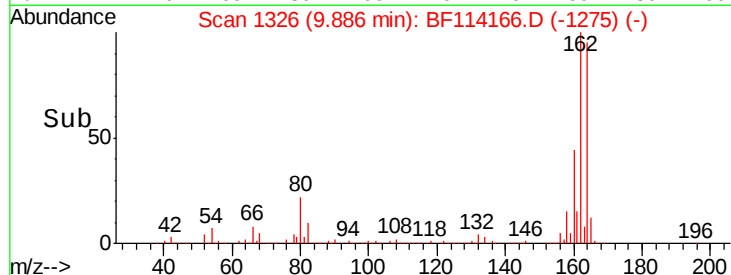
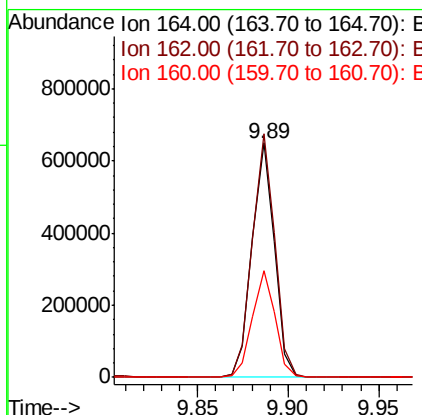
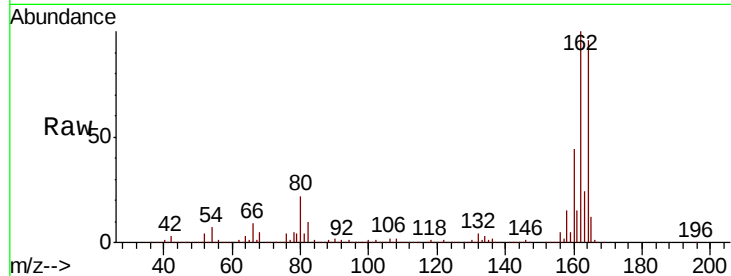
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114166.D
Acq: 11 May 2019 21:22

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.8	80.6	120.8	
160	45.7	36.5	54.7	

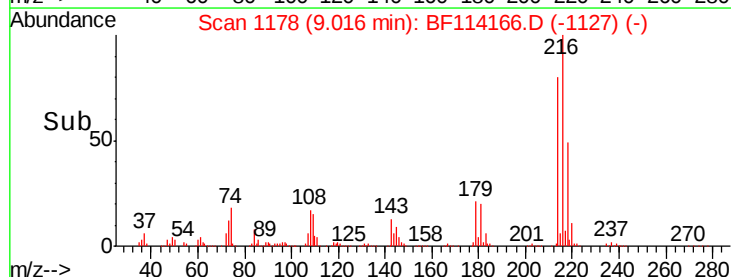
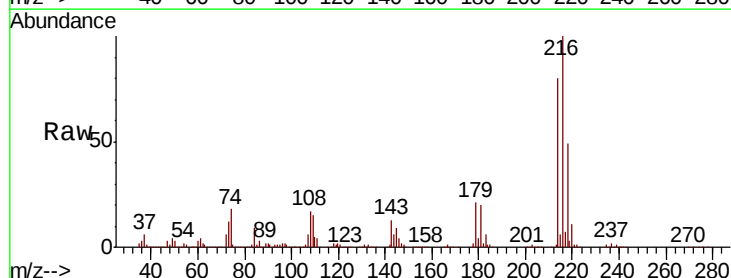
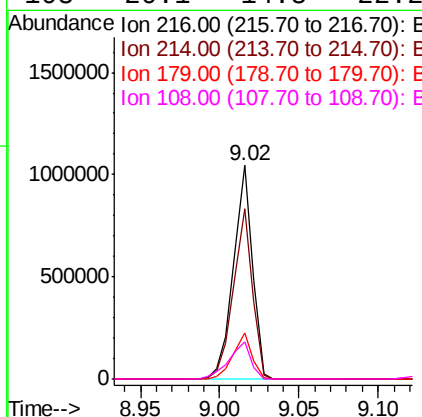
Manual Integrations
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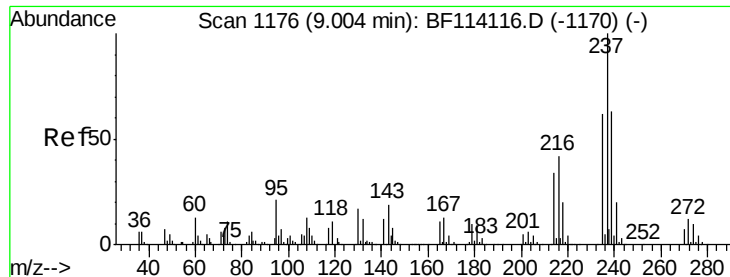
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.845 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BF114166.D
Acq: 11 May 2019 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.6	63.9	95.9	
179	21.1	17.0	25.6	
108	20.1	14.8	22.2	





#41

Hexachlorocyclopentadiene

Concen: 86.692 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF114166.D

Acq: 11 May 2019 21:22

Instrument :

BNA_F

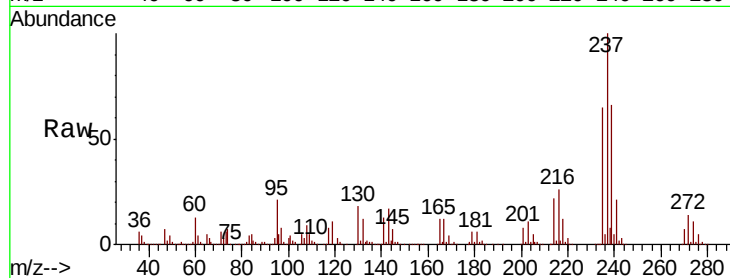
ClientSampleId :

P026-SS002-1218-01MS

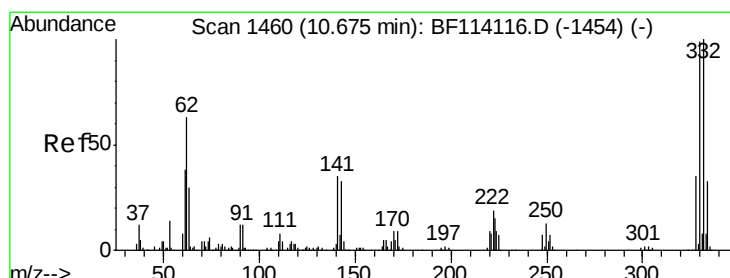
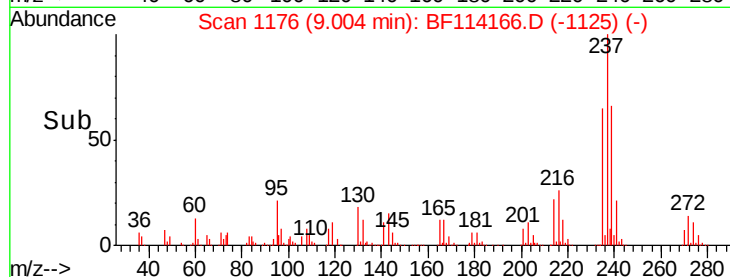
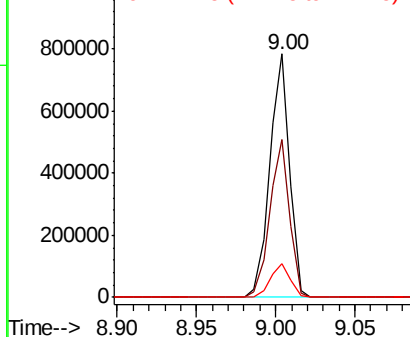
Tot Ion:	237	Resp:	686693
Ion Ratio	Lower	Upper	
237	100		
235	64.8	42.0	82.0
272	13.9	0.0	32.4

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



#42

2,4,6-Tribromophenol

Concen: 136.579 ng

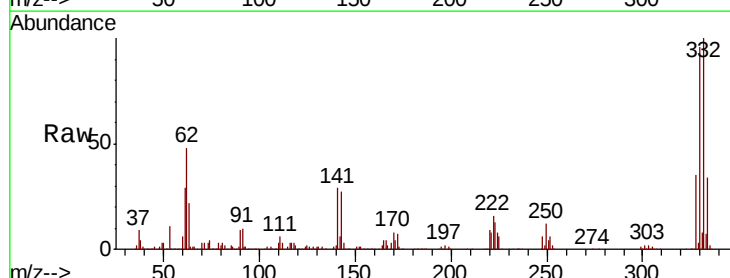
RT: 10.68 min Scan# 1461

Delta R.T. 0.01 min

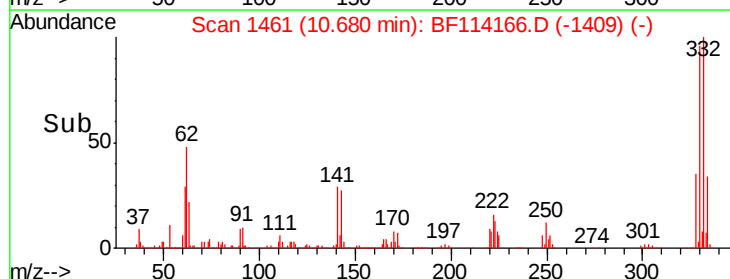
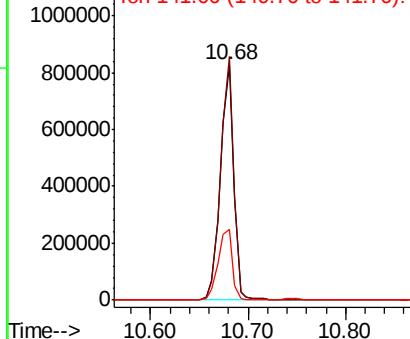
Lab File: BF114166.D

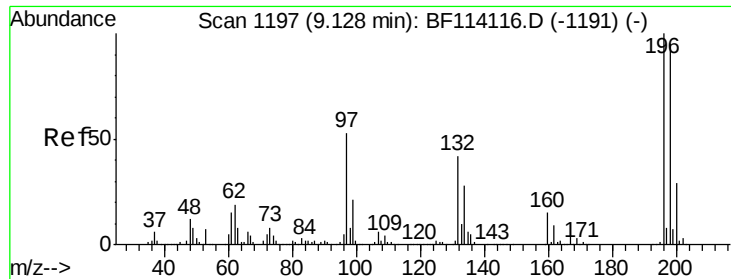
Acq: 11 May 2019 21:22

Tgt Ion:	330	Resp:	789046
Ion Ratio	Lower	Upper	
330	100		
332	101.8	81.4	122.2
141	32.0	26.6	40.0



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





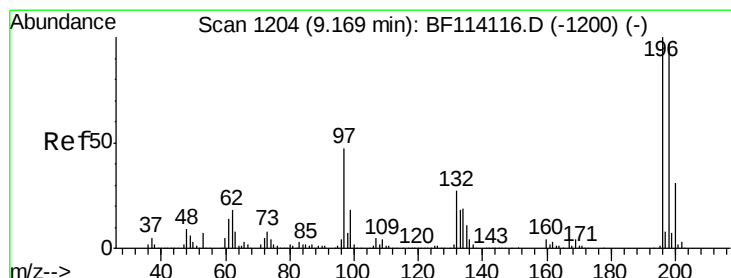
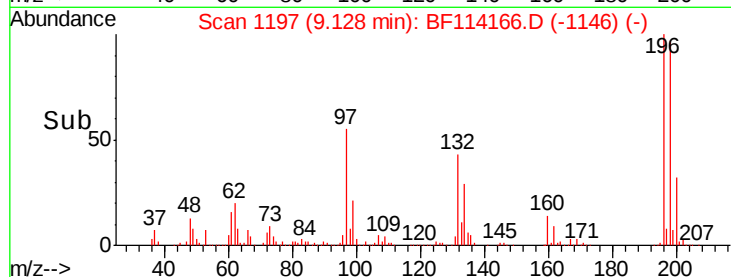
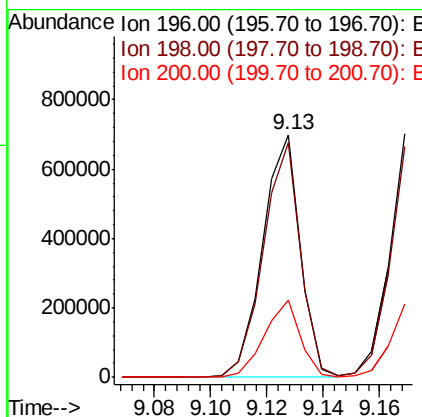
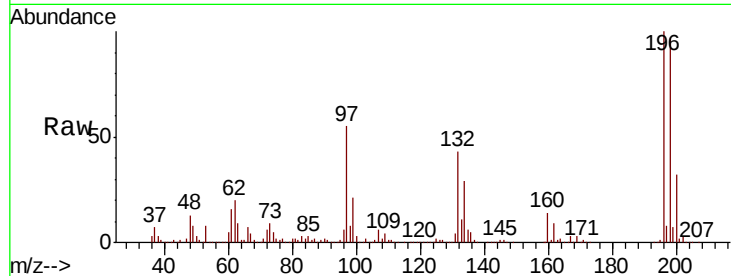
#43
 2,4,6-Trichlorophenol
 Concen: 55.417 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF114166.D
 Acq: 11 May 2019 21:22

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS002-1218-01MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	645246		
198	96.6	75.9	113.9	
200	31.6	23.5	35.3	

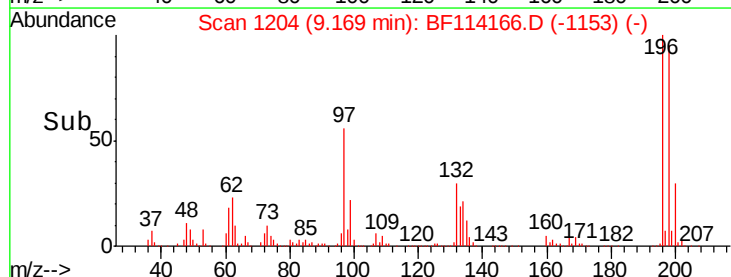
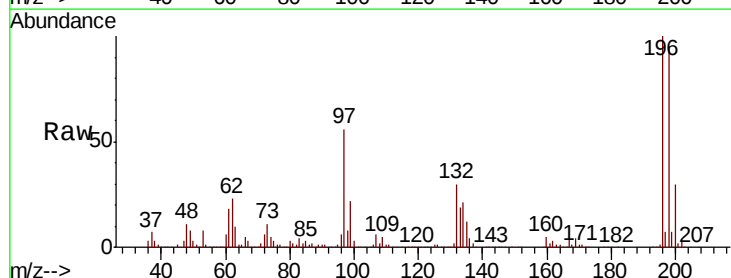
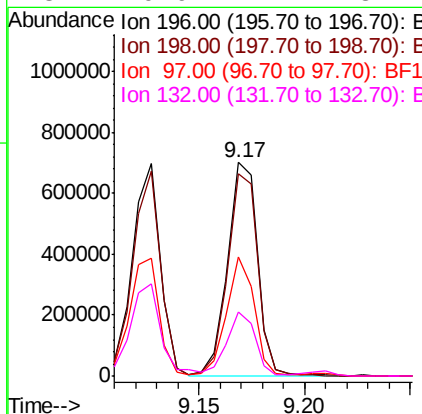
Manual Integrations
 APPROVED

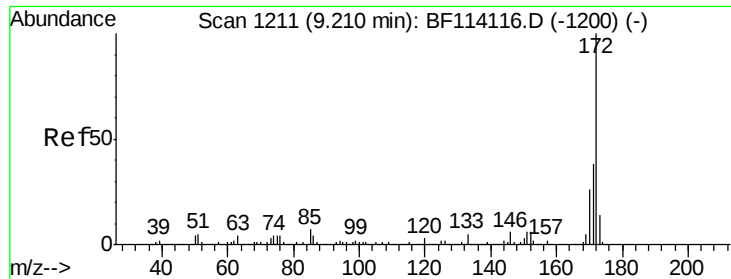
Sohil
 5/13/2019 8:35:53 PM



#44
 2,4,5-Trichlorophenol
 Concen: 57.306 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF114166.D
 Acq: 11 May 2019 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	684284		
198	94.7	77.7	116.5	
97	55.9	38.2	57.2	
132	29.9	21.4	32.2	





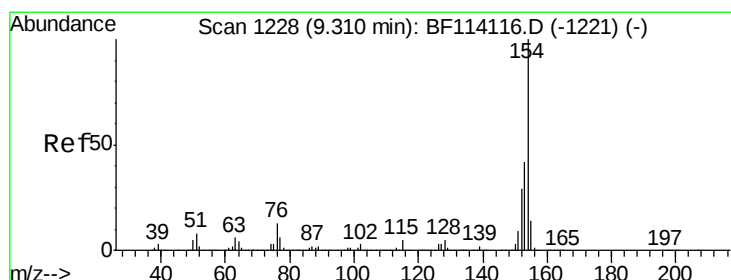
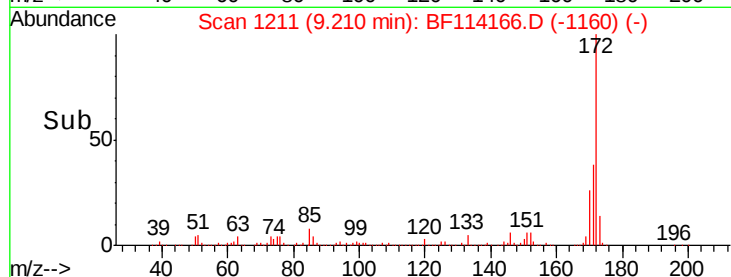
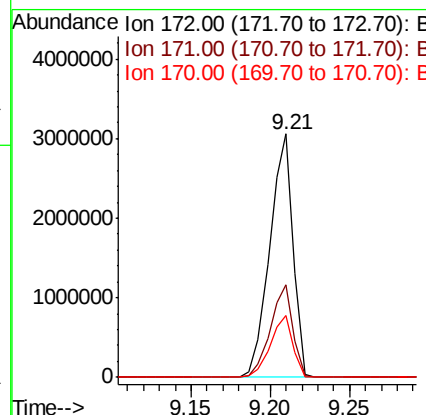
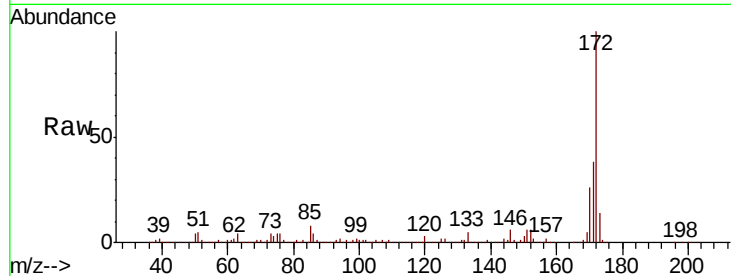
#45
2-Fluorobiphenyl
Concen: 84.923 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF114166.D
Acq: 11 May 2019 21:22

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.7	46.1
170	25.6	20.5	30.7

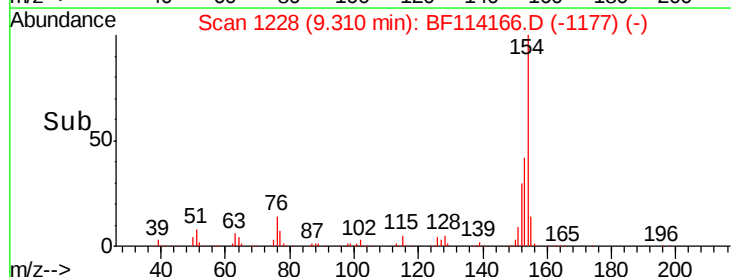
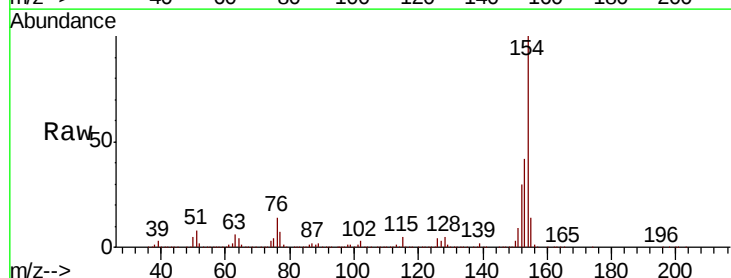
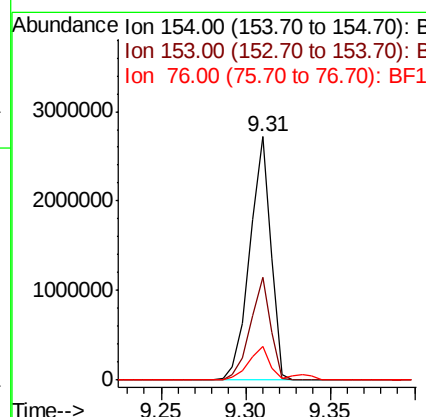
Manual Integrations
APPROVED

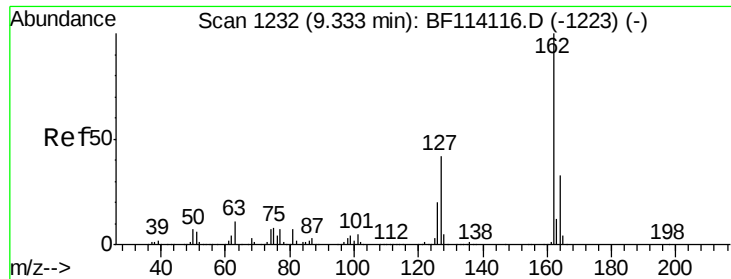
Sohil
5/13/2019 8:35:53 PM



#46
1,1'-Biphenyl
Concen: 52.787 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BF114166.D
Acq: 11 May 2019 21:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	21.9	61.9
76	14.0	0.0	32.8





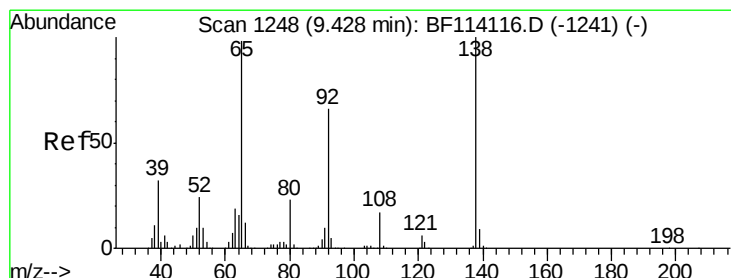
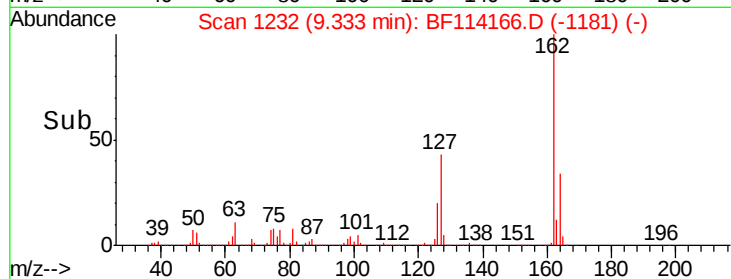
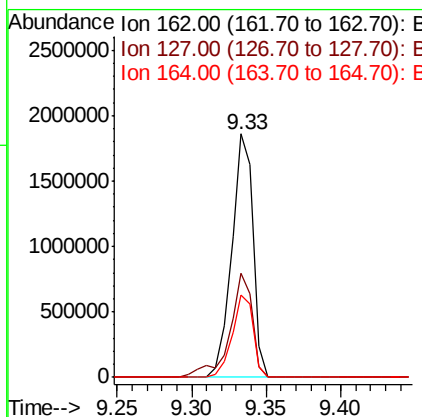
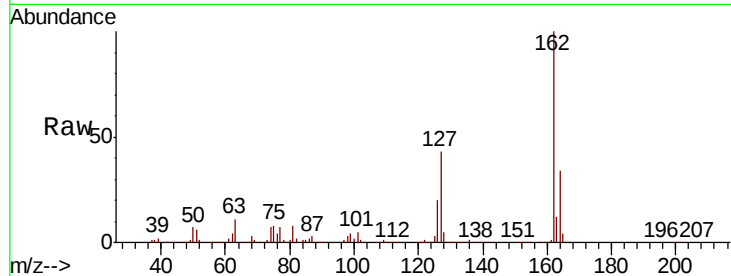
#47
2-Chloronaphthalene
Concen: 51.345 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BF114166.D
Acq: 11 May 2019 21:22

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	43.0	34.0	51.0
164	34.1	26.7	40.1

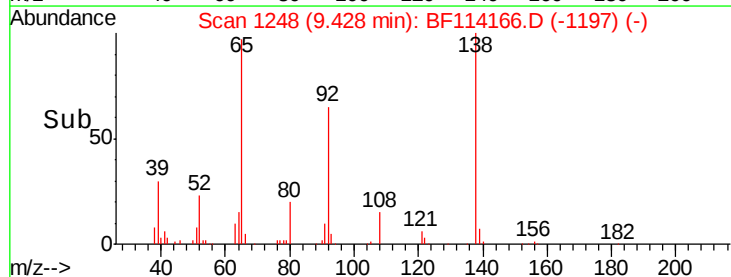
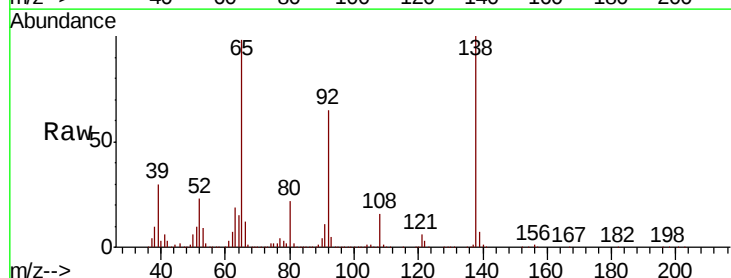
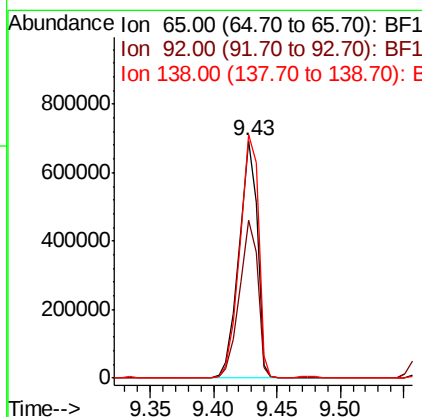
Manual Integrations
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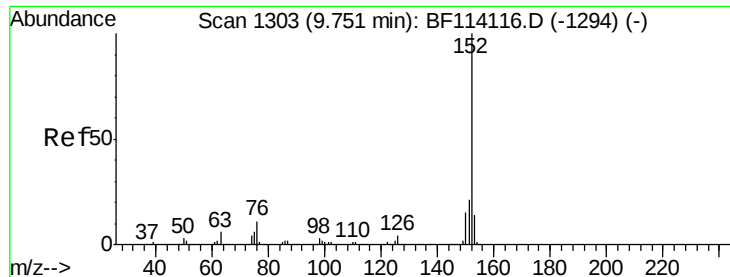
Sohil
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#48
2-Nitroaniline
Concen: 53.121 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BF114166.D
Acq: 11 May 2019 21:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.4	53.9	80.9
138	102.5	81.4	122.0





#49

Acenaphthylene

Concen: 54.775 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF114166.D

Acq: 11 May 2019 21:22

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MS

Tot Ion:152 Resp: 3026770

Ion Ratio Lower Upper

152 100

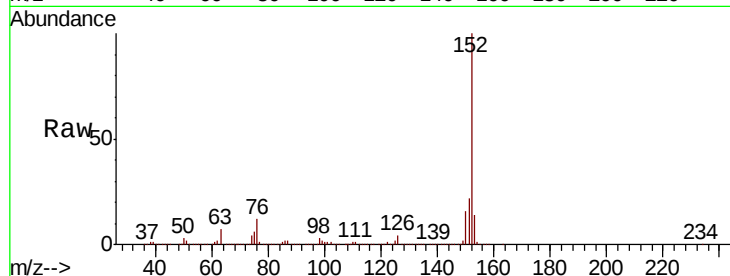
151 22.1 16.8 25.2

153 14.5 11.4 17.2

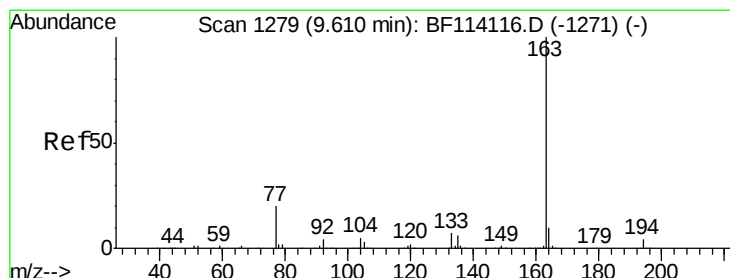
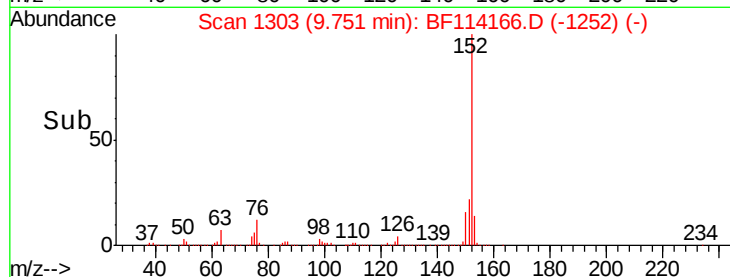
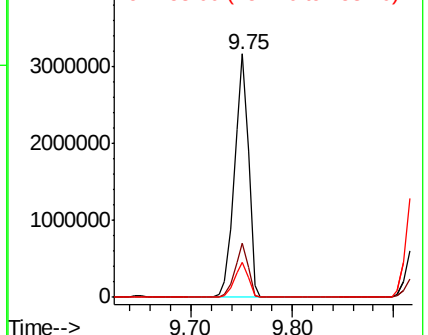
Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 61.153 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BF114166.D

Acq: 11 May 2019 21:22

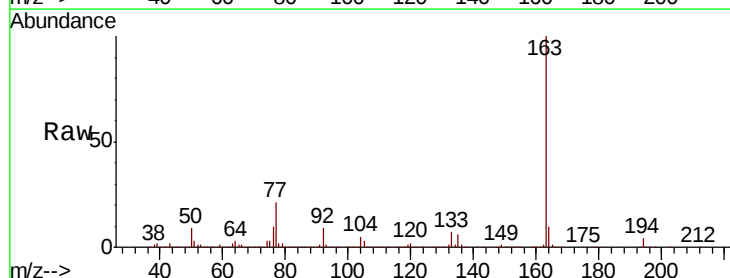
Tgt Ion:163 Resp: 2508642

Ion Ratio Lower Upper

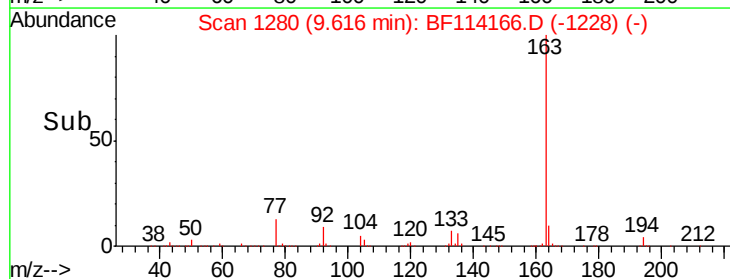
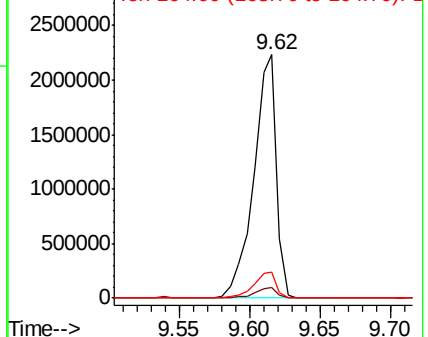
163 100

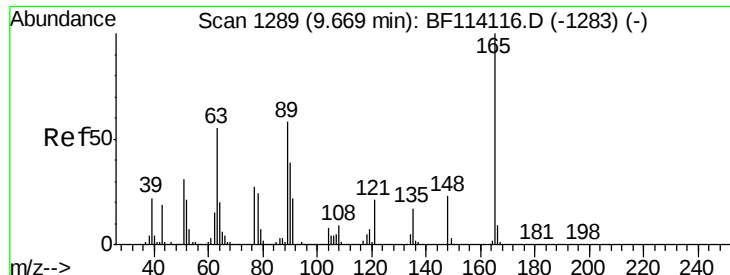
194 4.4 3.4 5.0

164 10.4 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





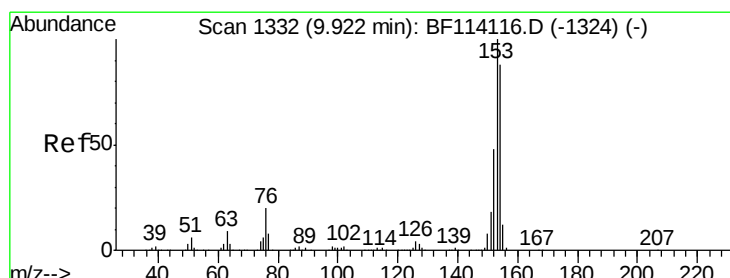
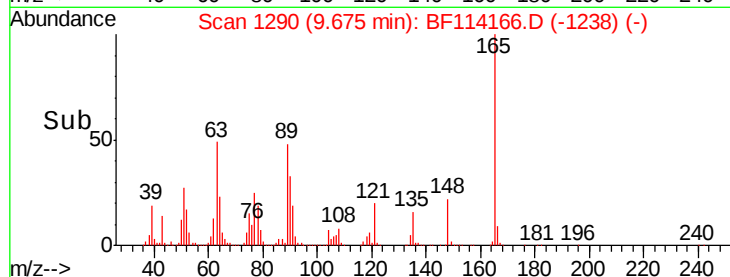
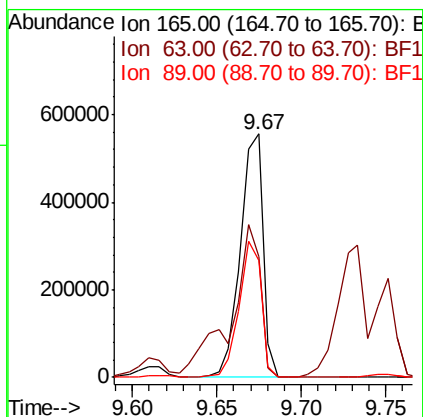
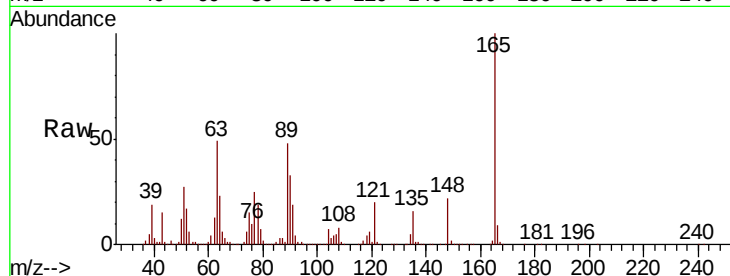
#51
 2,6-Dinitrotoluene
 Concen: 57.436 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. 0.01 min
 Lab File: BF114166.D
 Acq: 11 May 2019 21:22

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS002-1218-01MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	522594		
63	49.4	50.2	75.4#	
89	48.2	46.6	69.8	

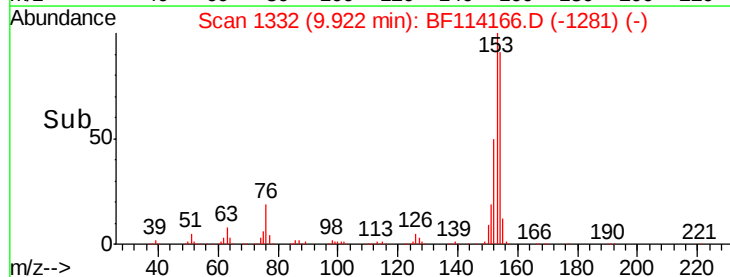
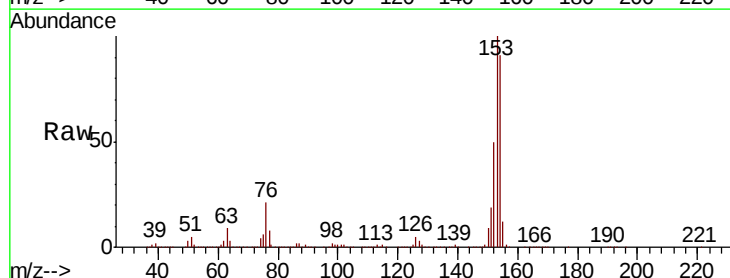
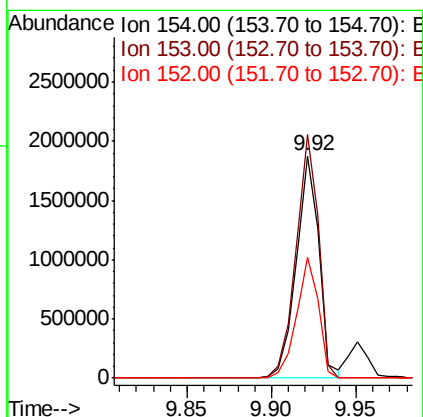
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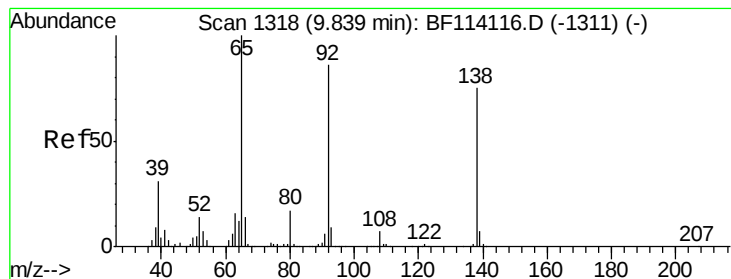
Sohil
 5/13/2019 8:35:53 PM



#52
 Acenaphthene
 Concen: 51.780 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: BF114166.D
 Acq: 11 May 2019 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1755799		
153	109.5	90.5	135.7	
152	54.3	43.4	65.2	





#53

3-Nitroaniline

Concen: 28.915 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF114166.D

Acq: 11 May 2019 21:22

Instrument :

BNA_F

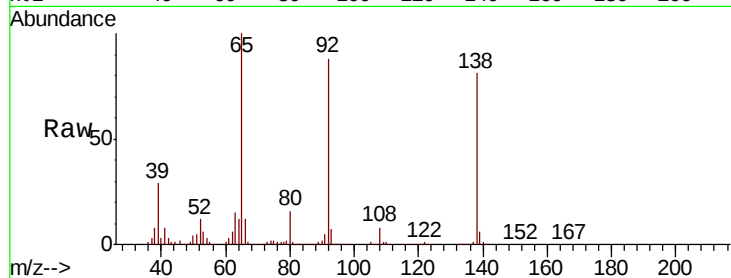
ClientSampleId :

P026-SS002-1218-01MS

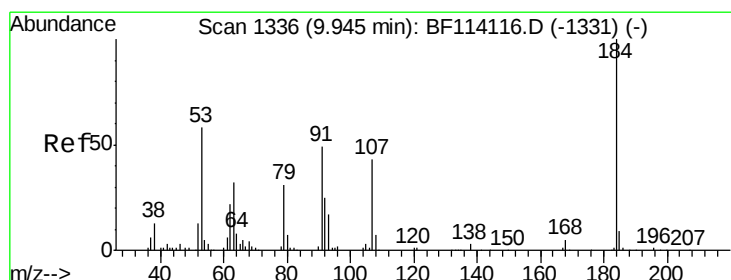
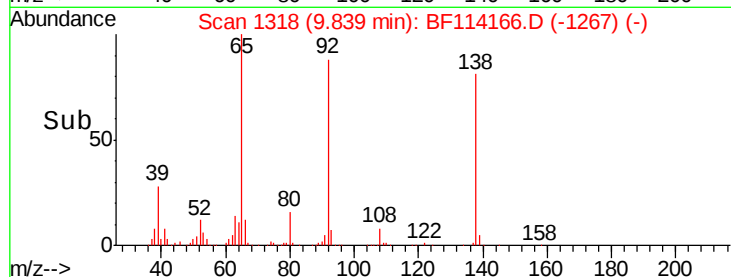
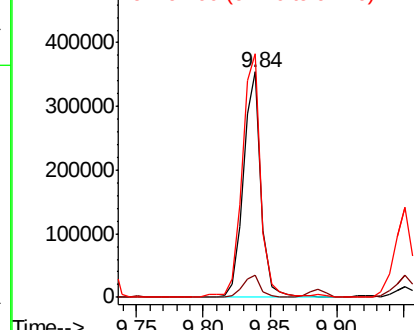
Tot Ion:	138	Resp:	326583
Ion Ratio	Lower	Upper	
138	100		
108	9.6	7.8	11.6
92	108.0	91.2	136.8

Manual Integrations
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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: 109.390 ng

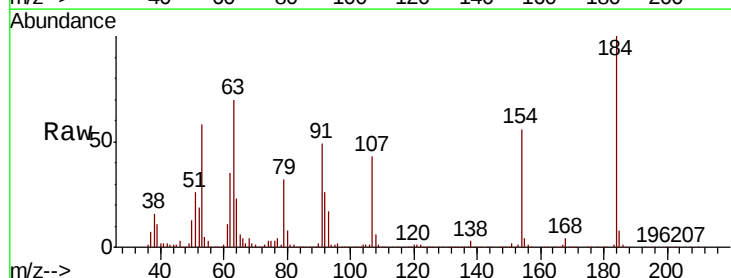
RT: 9.95 min Scan# 1337

Delta R.T. 0.01 min

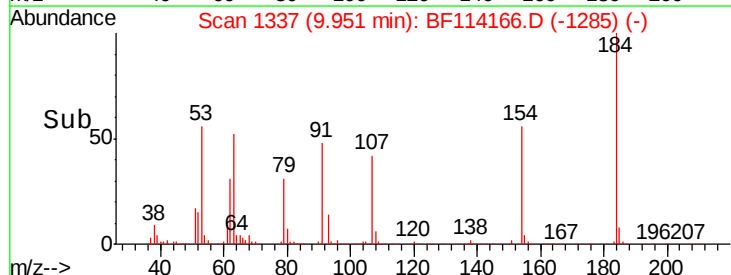
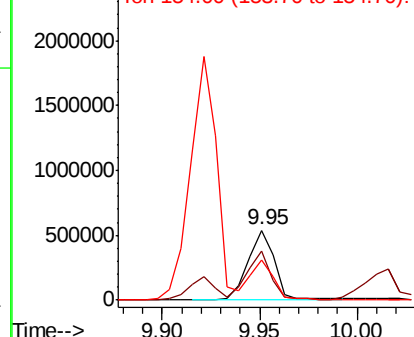
Lab File: BF114166.D

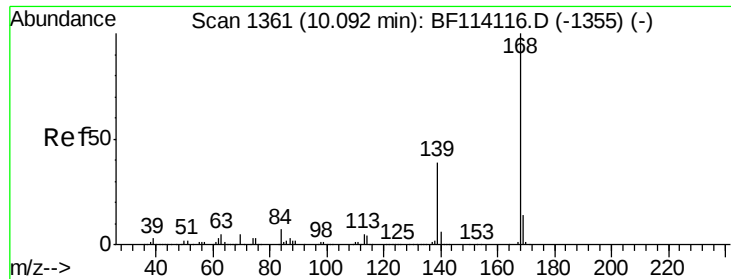
Acq: 11 May 2019 21:22

Tgt Ion:	184	Resp:	512855
Ion Ratio	Lower	Upper	
184	100		
63	70.1	55.6	83.4
154	56.4	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





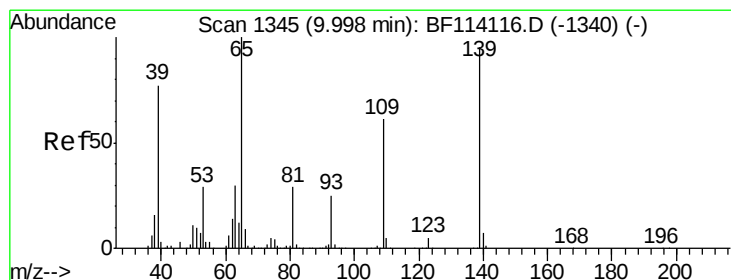
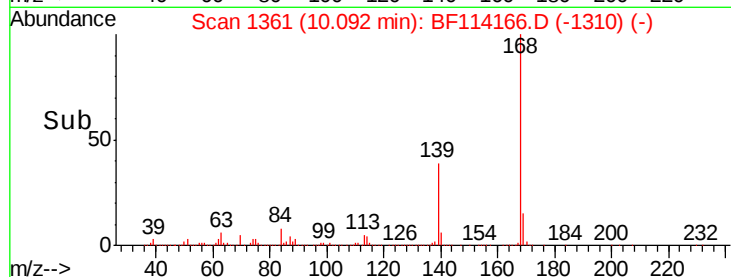
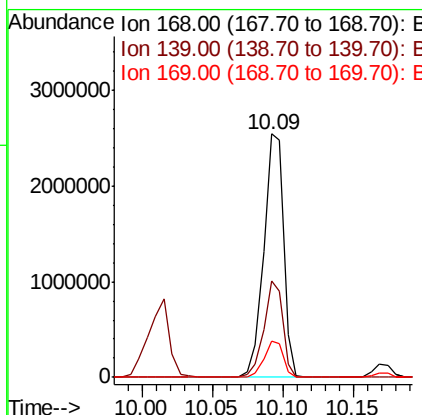
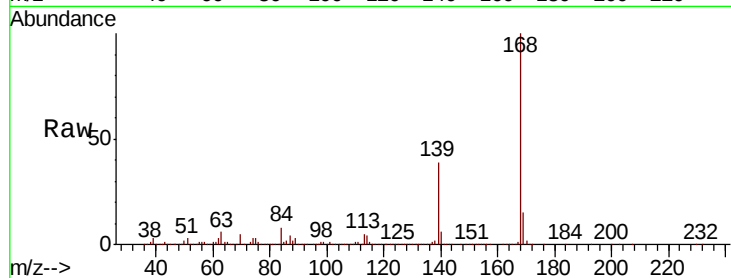
#55
Dibenzenofuran
Concen: 51.217 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BF114166.D
Acq: 11 May 2019 21:22

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.4	31.1	46.7
169	14.9	11.4	17.0

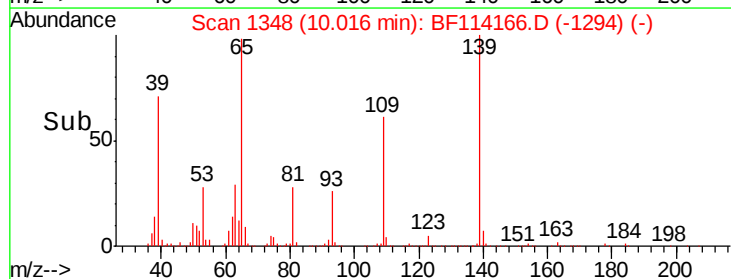
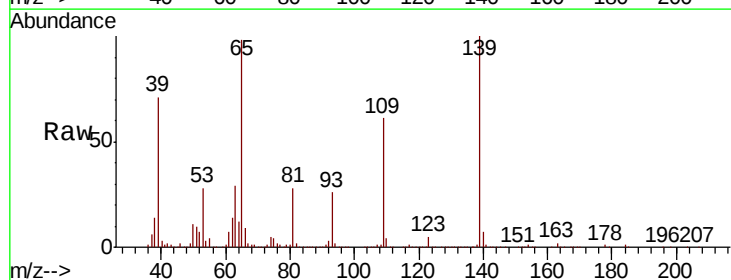
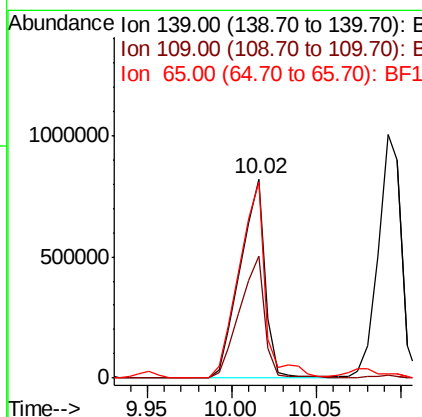
Manual Integrations
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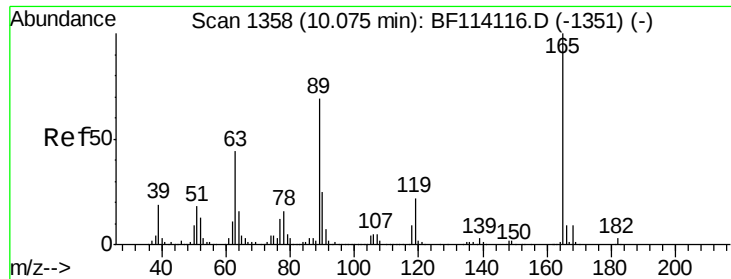
Sohil
5/13/2019 8:35:53 PM



#56
4-Nitrophenol
Concen: 107.451 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.02 min
Lab File: BF114166.D
Acq: 11 May 2019 21:22

Tgt Ion	Ratio	Lower	Upper
139	100		
109	60.9	43.9	83.9
65	98.2	85.7	125.7





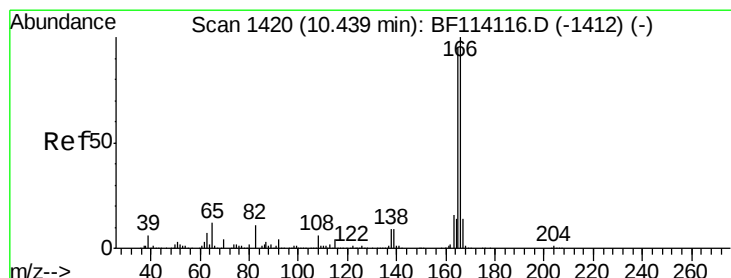
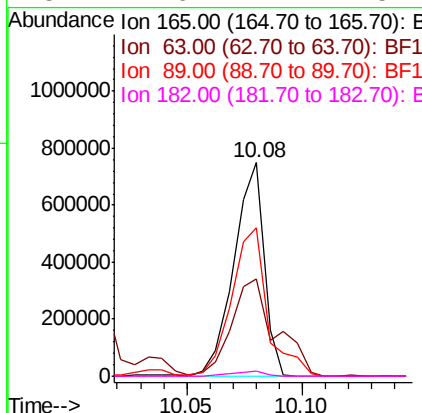
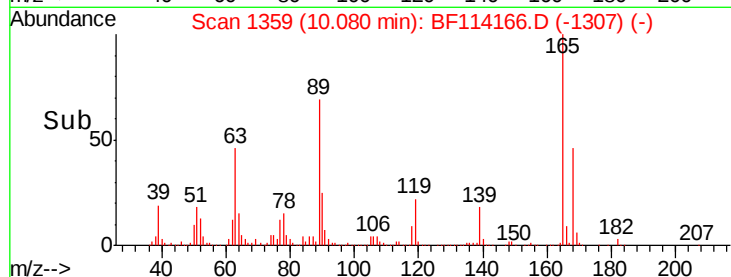
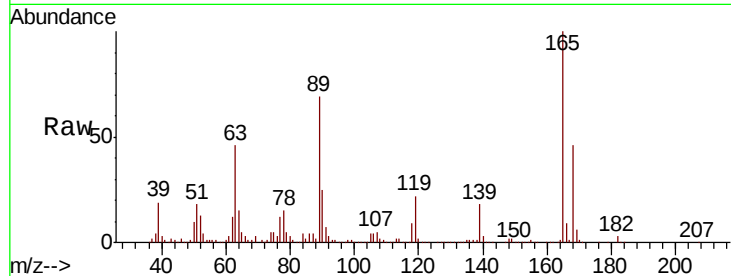
#57
2,4-Dinitrotoluene
Concen: 55.424 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF114166.D
Acq: 11 May 2019 21:22

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	684462		
63	45.8	35.5	53.3	
89	69.5	55.2	82.8	
182	2.6	2.2	3.2	

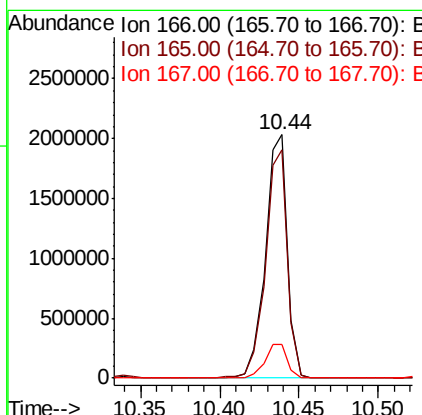
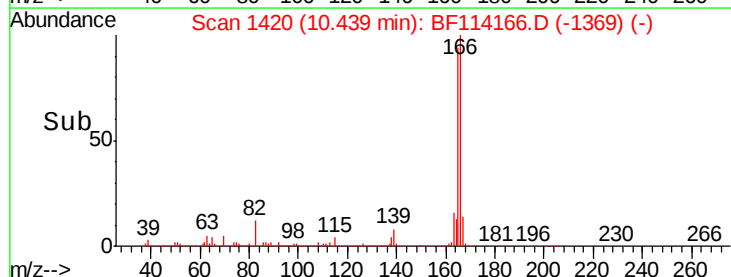
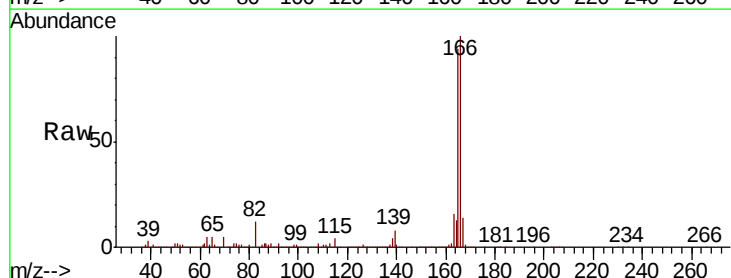
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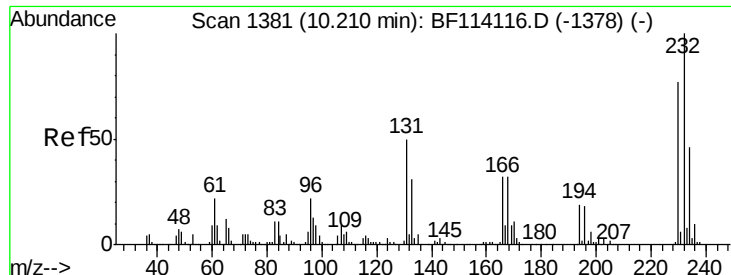
Sohil
5/13/2019 8:35:53 PM



#58
Fluorene
Concen: 51.217 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF114166.D
Acq: 11 May 2019 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1967045		
165	93.5	76.1	114.1	
167	13.9	11.1	16.7	





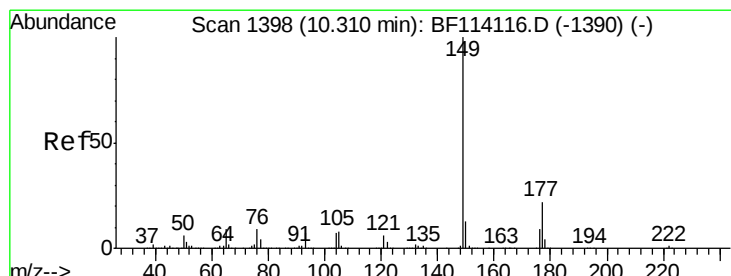
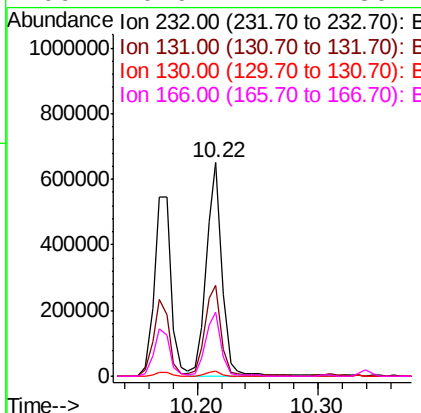
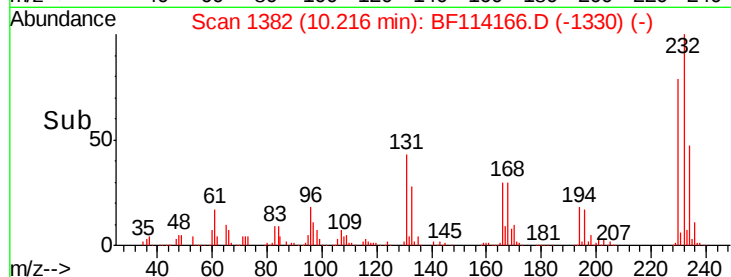
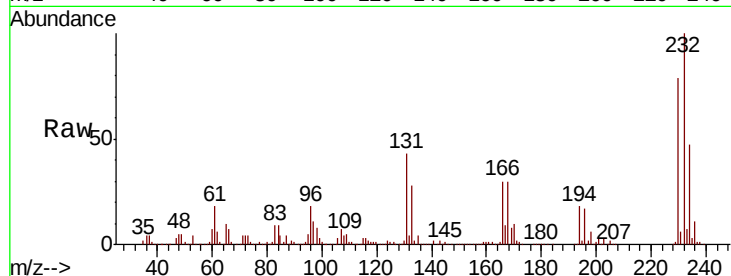
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 56.253 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: BF114166.D
 Acq: 11 May 2019 21:22

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS002-1218-01MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.4	35.6	53.4
130	2.2	1.6	2.4
166	29.6	24.1	36.1

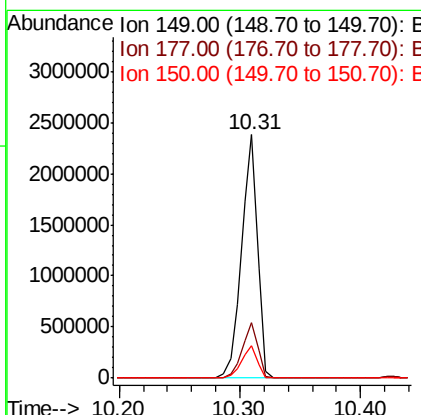
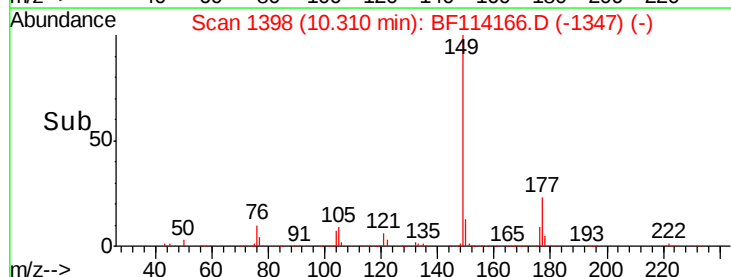
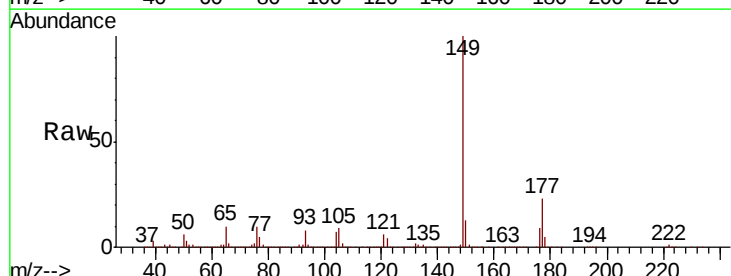
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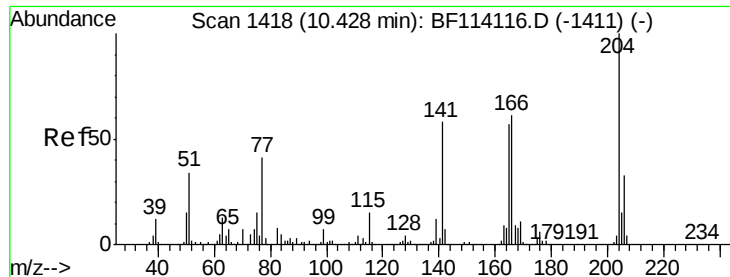
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#60
 Diethylphthalate
 Concen: 52.592 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.00 min
 Lab File: BF114166.D
 Acq: 11 May 2019 21:22

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	17.8	26.6
150	13.1	10.2	15.2





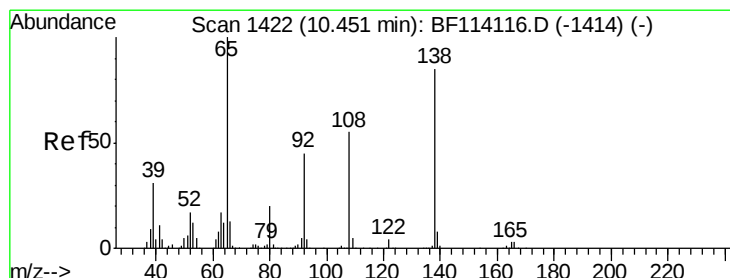
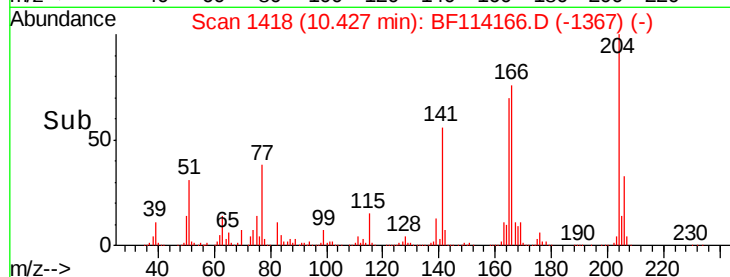
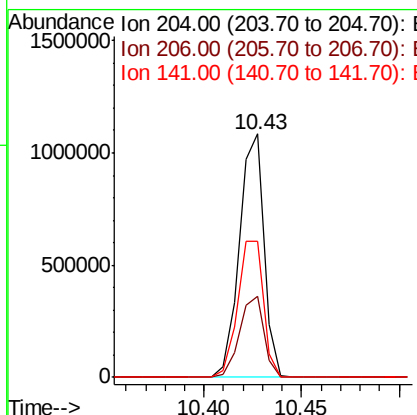
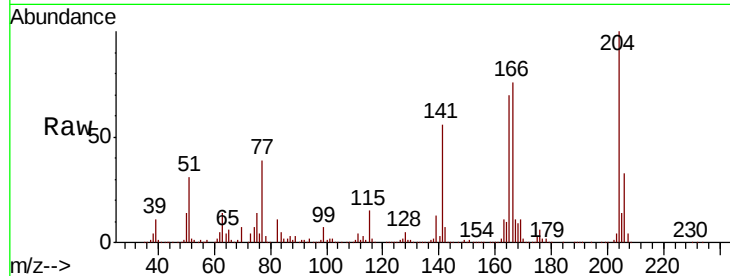
#61
 4-Chlorophenyl-phenylether
 Concen: 50.170 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.00 min
 Lab File: BF114166.D
 Acq: 11 May 2019 21:22

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS002-1218-01MS

Tot Ion:	204	Resp:	946369
Ion Ratio	Lower	Upper	
204	100		
206	33.1	26.6	39.8
141	55.9	46.4	69.6

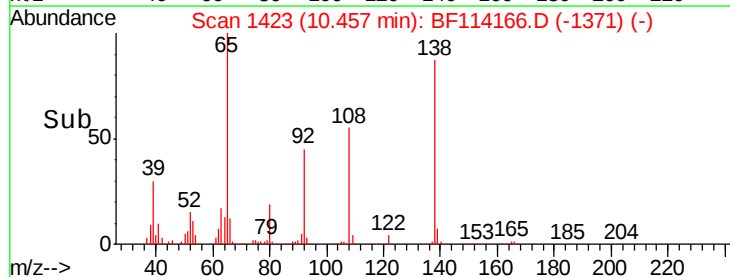
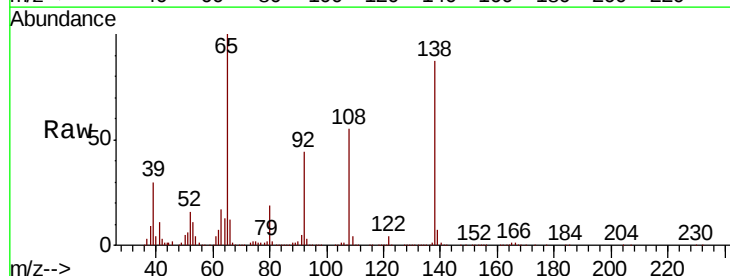
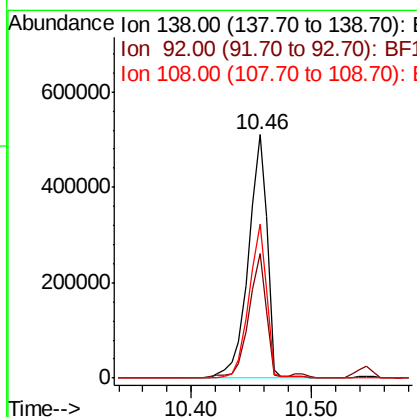
Manual Integrations
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#62
 4-Nitroaniline
 Concen: 47.065 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.01 min
 Lab File: BF114166.D
 Acq: 11 May 2019 21:22

Tgt Ion:	138	Resp:	558590
Ion Ratio	Lower	Upper	
138	100		
92	51.0	33.0	73.0
108	63.5	44.9	84.9





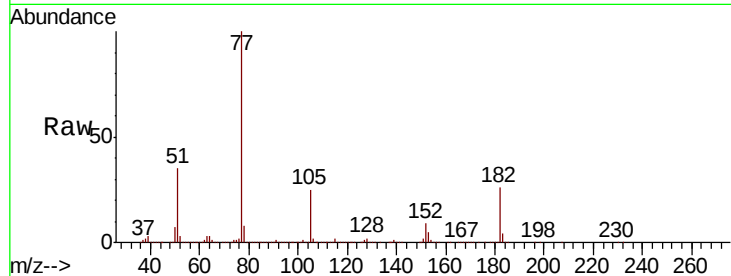
#63
Azobenzene
Concen: 52.876 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF114166.D
Acq: 11 May 2019 21:22

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-01MS

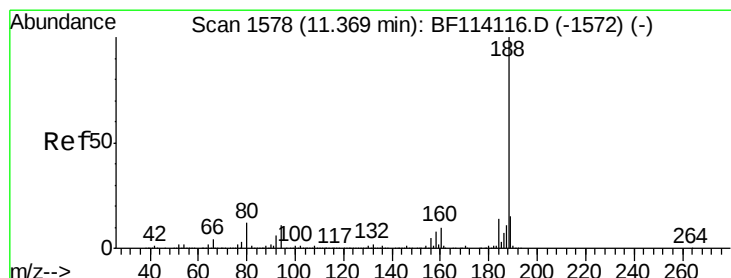
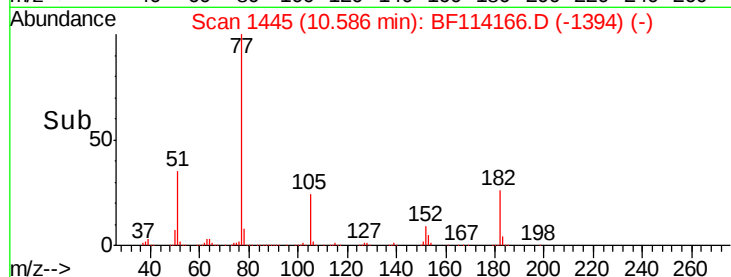
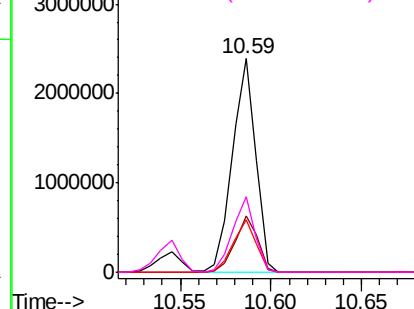
Tot Ion	Ratio	Lower	Upper
77	100		
182	26.5	4.7	44.7
105	24.6	2.9	42.9
51	35.2	14.6	54.6

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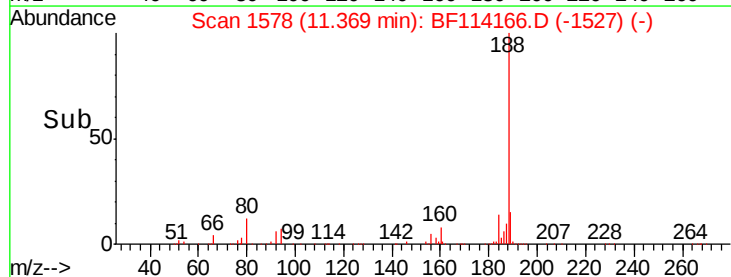
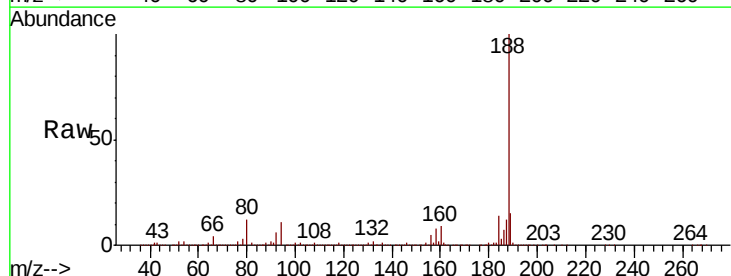
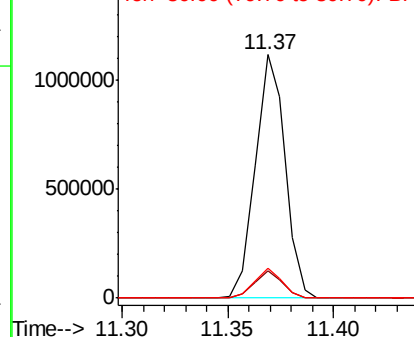
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF114166.D
Acq: 11 May 2019 21:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.4	12.6
80	12.1	9.2	13.8

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 62.466 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.01 min

Lab File: BF114166.D

Acq: 11 May 2019 21:22

Instrument :

BNA_F

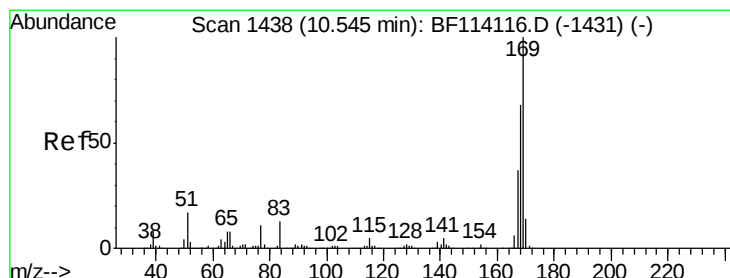
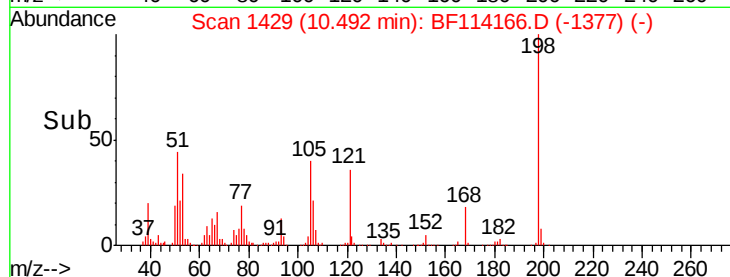
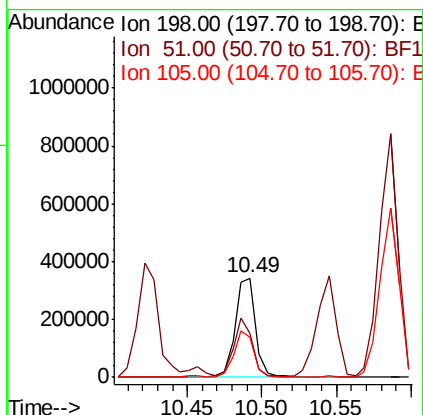
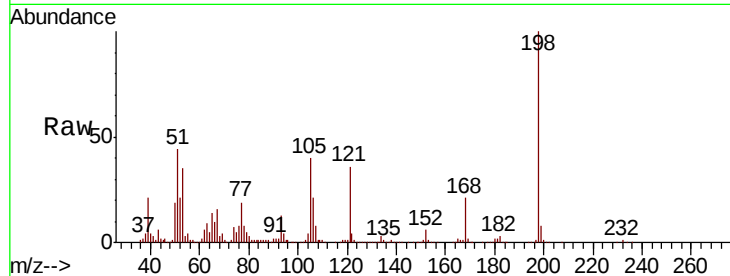
ClientSampleId :

P026-SS002-1218-01MS

Tot Ion:	198	Resp:	329235
Ion Ratio	Lower	Upper	
198	100		
51	44.4	28.0	68.0
105	40.0	21.1	61.1

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#66

n-Nitrosodiphenylamine

Concen: 55.344 ng

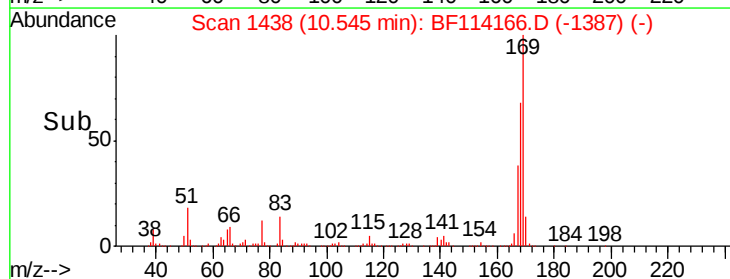
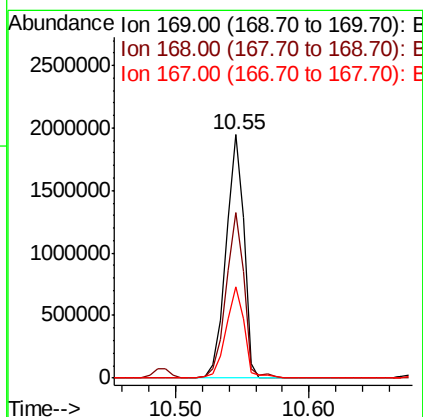
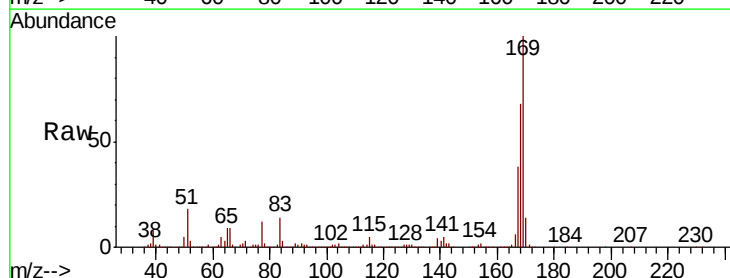
RT: 10.55 min Scan# 1438

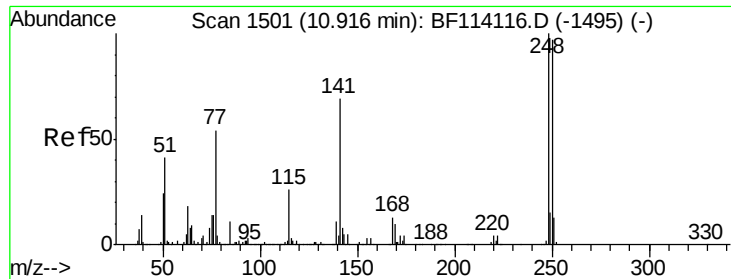
Delta R.T. -0.00 min

Lab File: BF114166.D

Acq: 11 May 2019 21:22

Tgt Ion:	169	Resp:	1842425
Ion Ratio	Lower	Upper	
169	100		
168	67.9	54.2	81.2
167	37.6	29.8	44.8





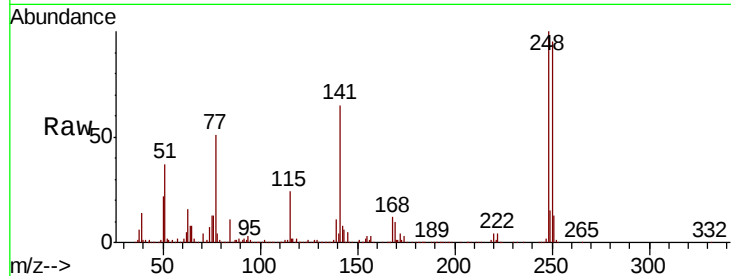
#67
 4-Bromophenyl-phenylether
 Concen: 52.425 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.00 min
 Lab File: BF114166.D
 Acq: 11 May 2019 21:22

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS002-1218-01MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.5	77.4	116.2
141	65.3	55.6	83.4

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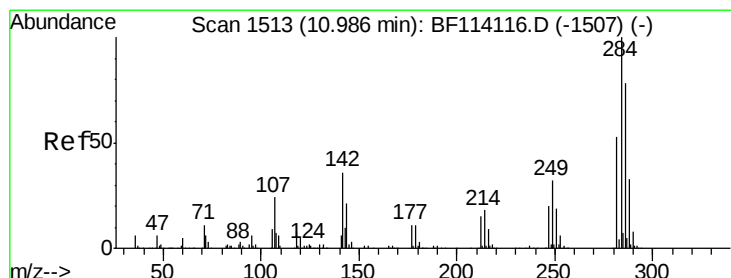
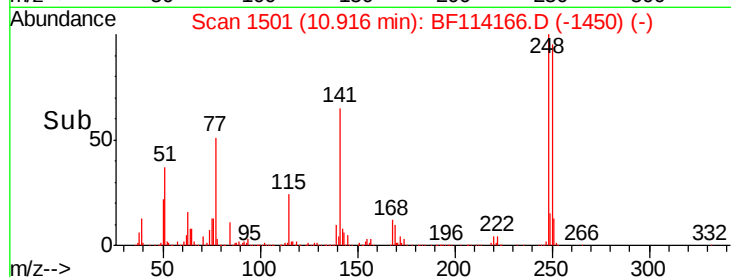
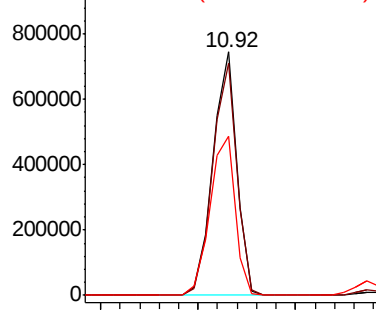


Abundance

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: 51.253 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. -0.00 min
 Lab File: BF114166.D
 Acq: 11 May 2019 21:22

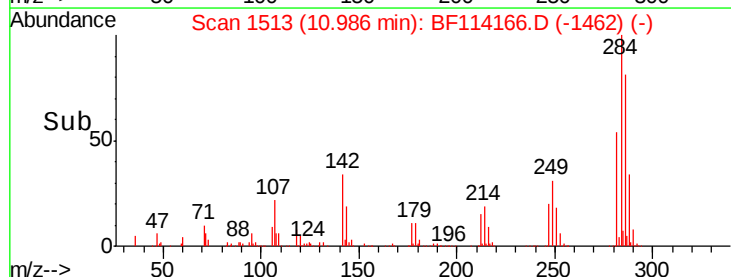
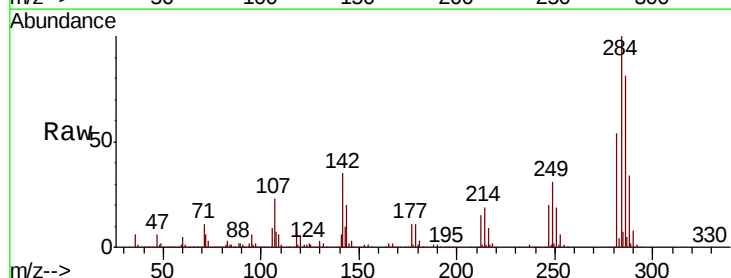
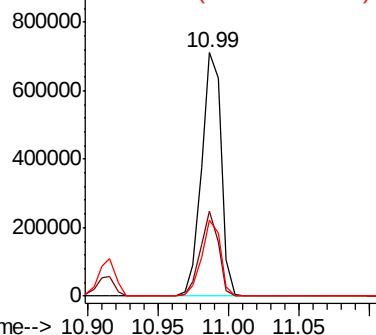
Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.1	28.4	42.6
249	31.4	25.2	37.8

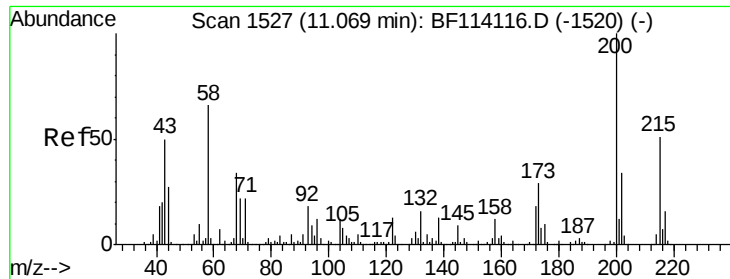
Abundance

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





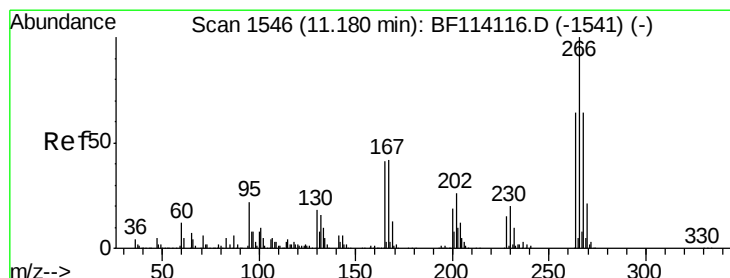
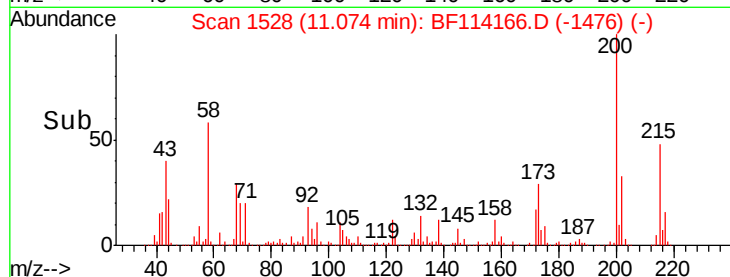
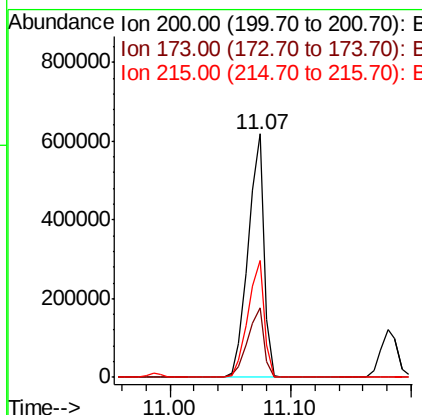
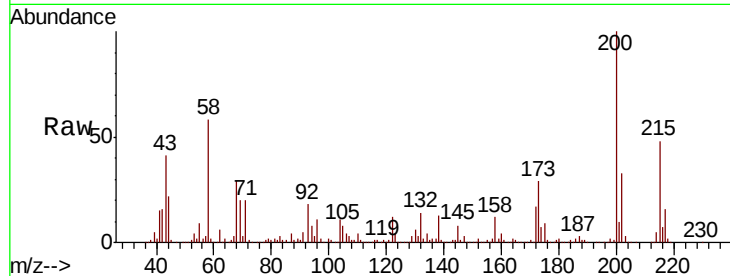
#69
 Atrazine
 Concen: 55.031 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. 0.01 min
 Lab File: BF114166.D
 Acq: 11 May 2019 21:22

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS002-1218-01MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.7	8.9	48.9
215	48.2	30.7	70.7

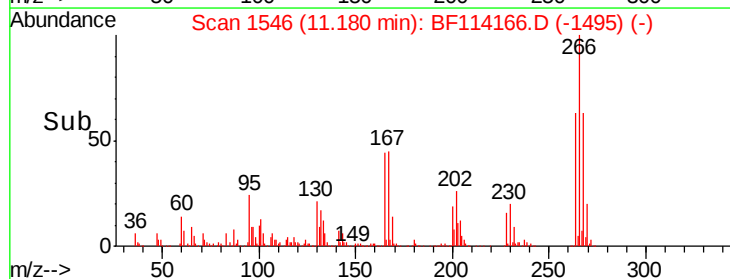
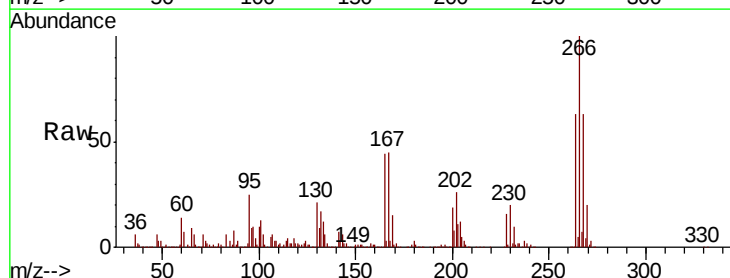
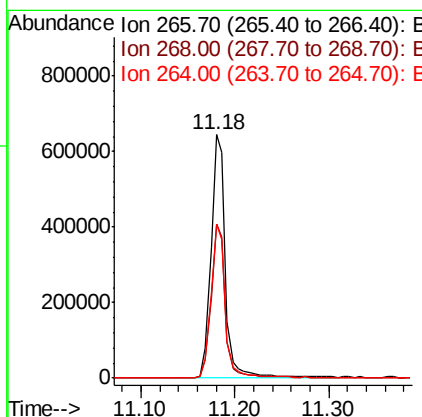
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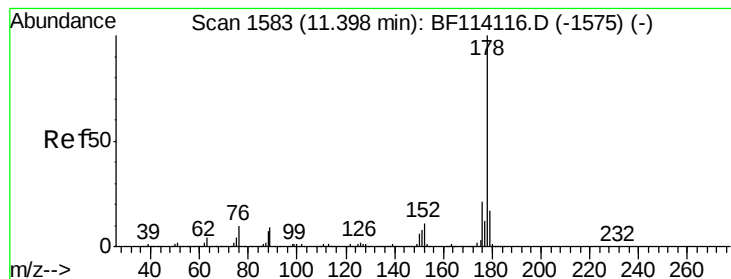
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#70
 Pentachlorophenol
 Concen: 111.828 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.00 min
 Lab File: BF114166.D
 Acq: 11 May 2019 21:22

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.1	76.7
264	63.4	51.1	76.7





#71

Phenanthrene

Concen: 58.962 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BF114166.D

Acq: 11 May 2019 21:22

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MS

Tot Ion:178 Resp: 3146453

Ion Ratio Lower Upper

178 100

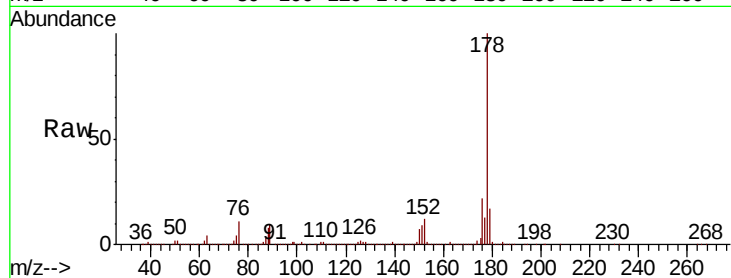
176 21.6 16.4 24.6

179 17.2 13.2 19.8

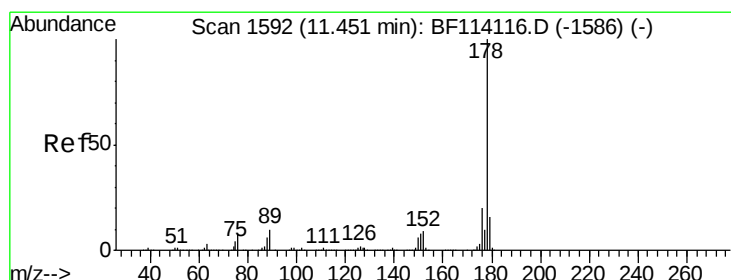
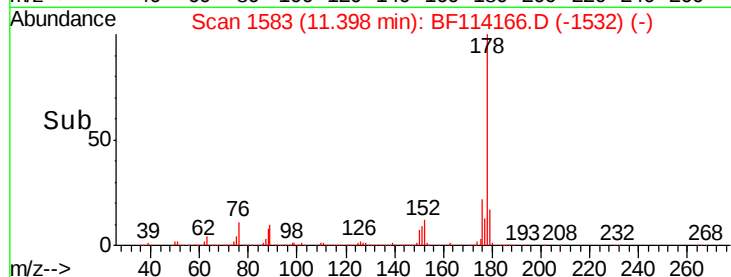
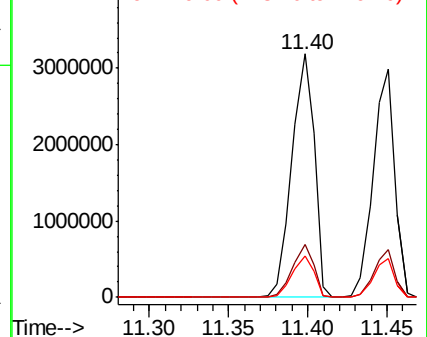
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 53.678 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BF114166.D

Acq: 11 May 2019 21:22

Tgt Ion:178 Resp: 2877144

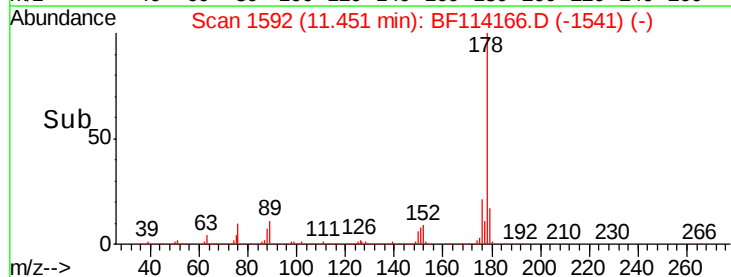
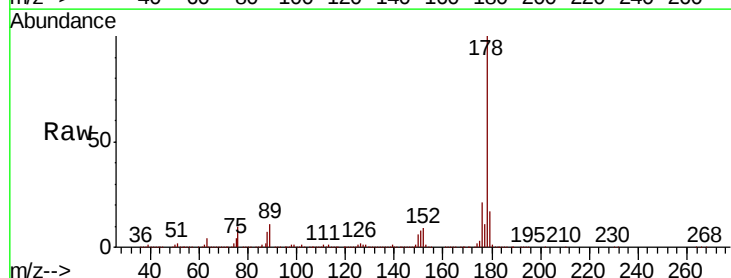
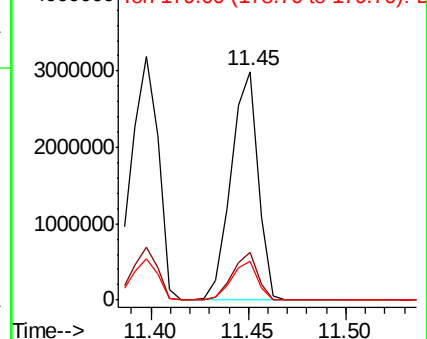
Ion Ratio Lower Upper

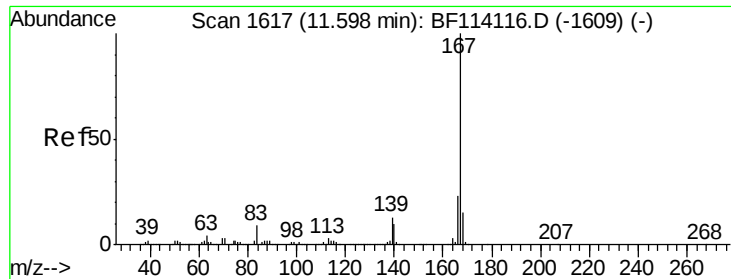
178 100

176 20.8 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





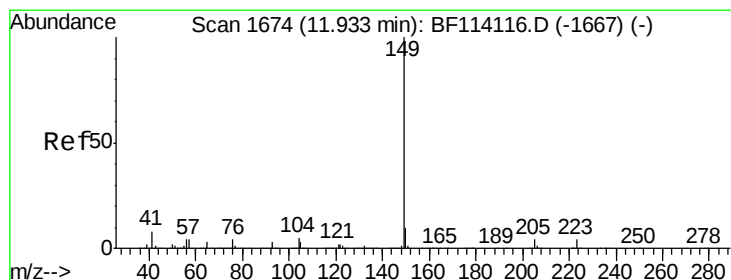
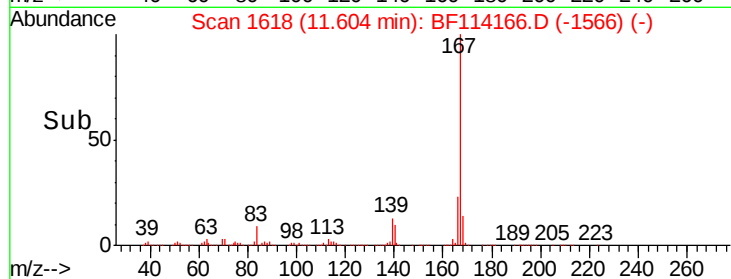
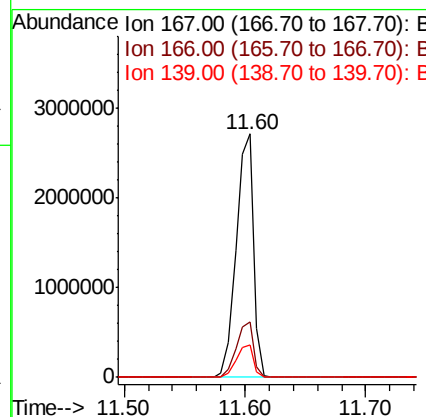
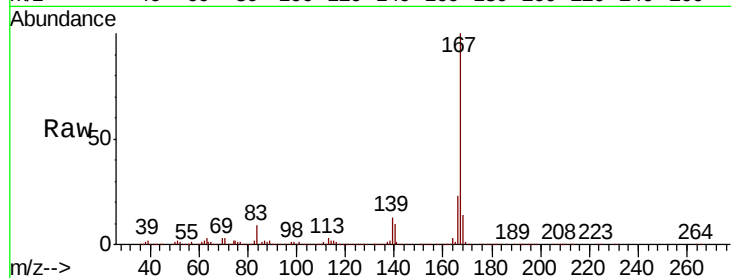
#73
 Carbazole
 Concen: 53.081 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. 0.01 min
 Lab File: BF114166.D
 Acq: 11 May 2019 21:22

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS002-1218-01MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.2	27.2
139	13.3	10.6	16.0

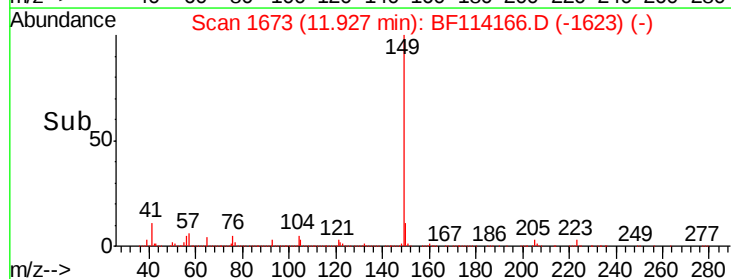
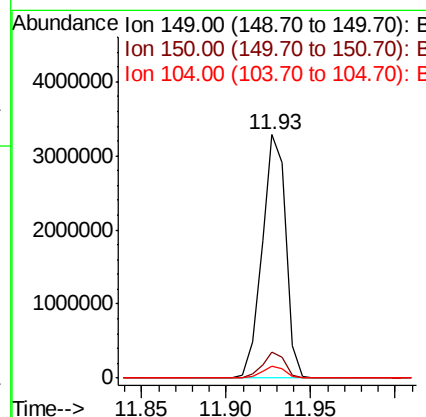
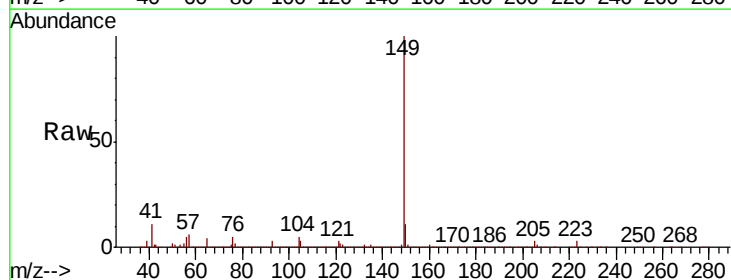
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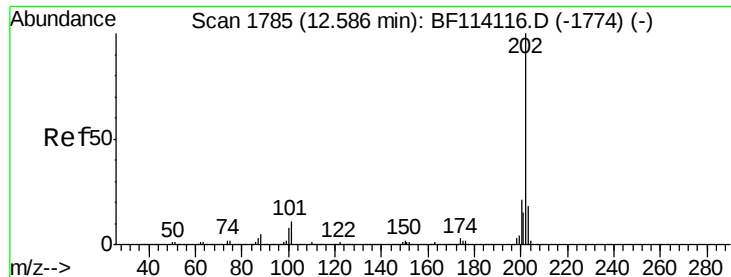
Sohil
 5/13/2019 8:35:53 PM



#74
 Di-n-butylphthalate
 Concen: 54.221 ng
 RT: 11.93 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BF114166.D
 Acq: 11 May 2019 21:22

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.7	7.7	11.5
104	5.1	3.6	5.4





#75

Fluoranthene

Concen: 58.948 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF114166.D

Acq: 11 May 2019 21:22

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MS

Tot Ion:202 Resp: 3387559

Ion Ratio Lower Upper

202 100

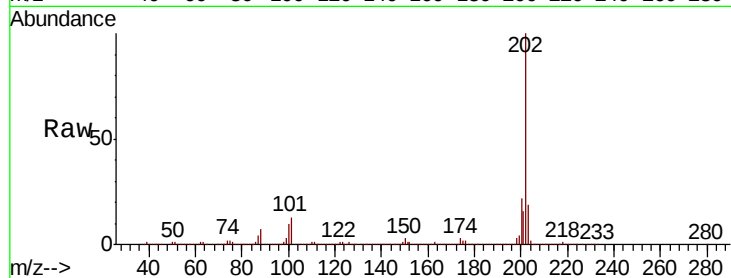
101 12.9 0.0 31.0

203 19.4 0.0 38.4

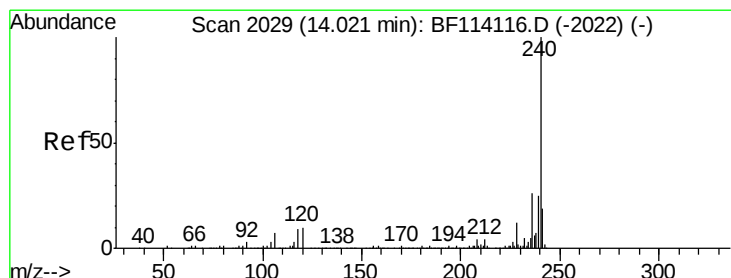
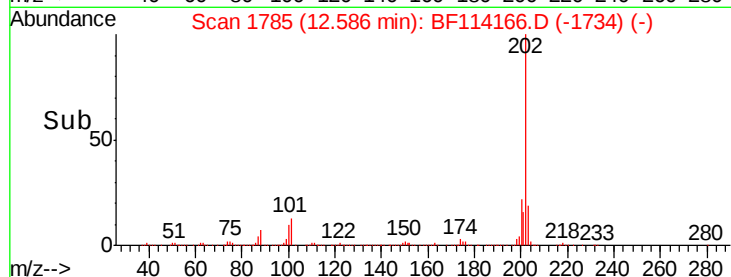
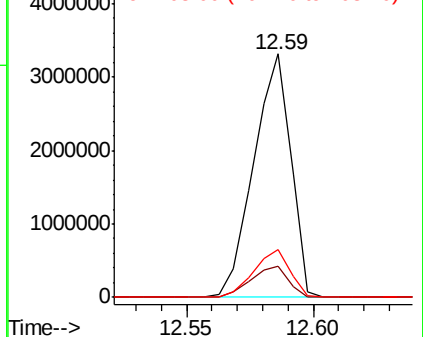
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF114166.D

Acq: 11 May 2019 21:22

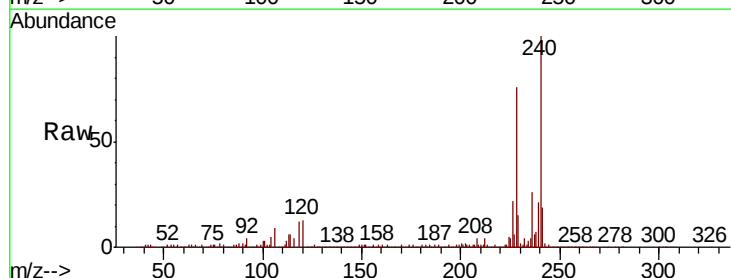
Tgt Ion:240 Resp: 580018

Ion Ratio Lower Upper

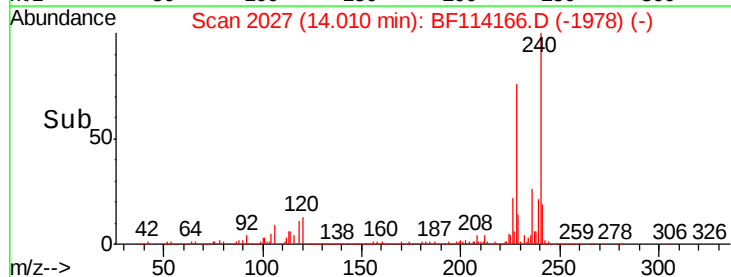
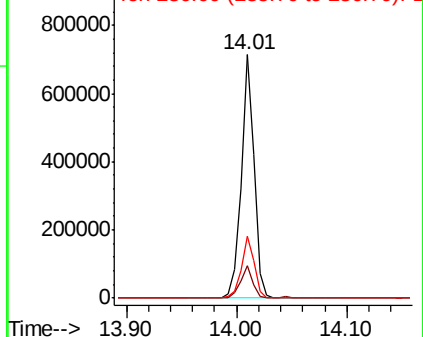
240 100

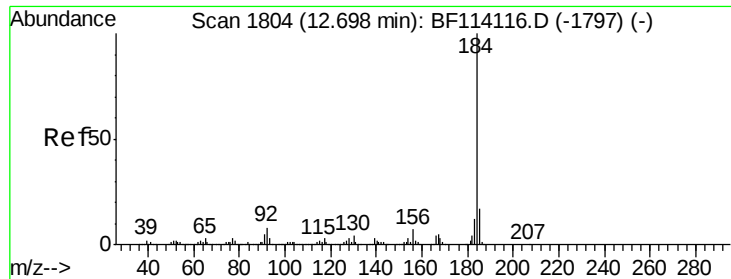
120 13.1 8.3 12.5#

236 25.7 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





#77

Benzidine

Concen: 6.760 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BF114166.D

Acq: 11 May 2019 21:22

Instrument :

BNA_F

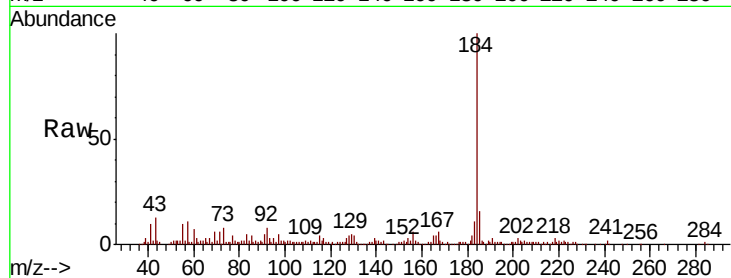
ClientSampleId :

P026-SS002-1218-01MS

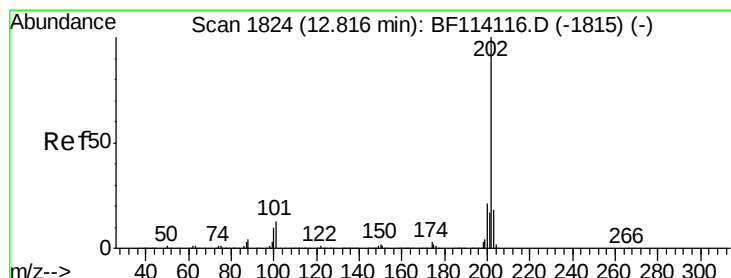
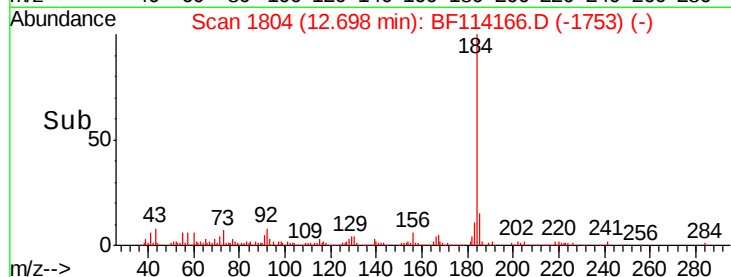
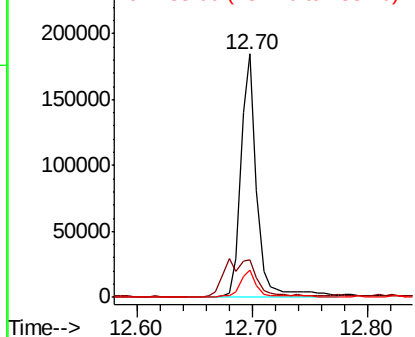
Tot Ion:	184	Resp:	176012
Ion Ratio	Lower	Upper	
184	100		
185	15.5	13.6	20.4
183	11.2	9.2	13.8

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 82.294 ng

RT: 12.82 min Scan# 1824

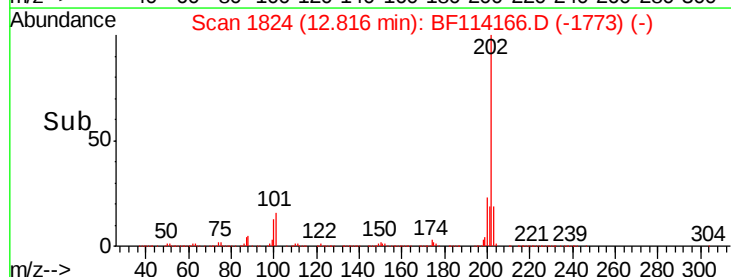
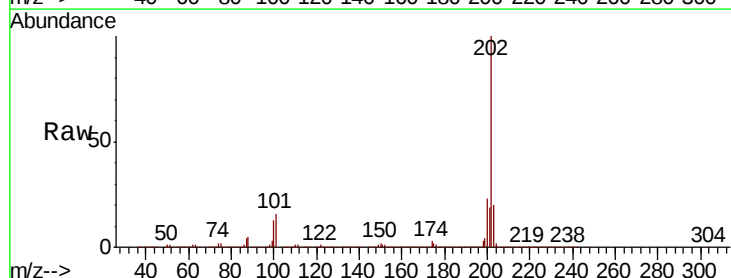
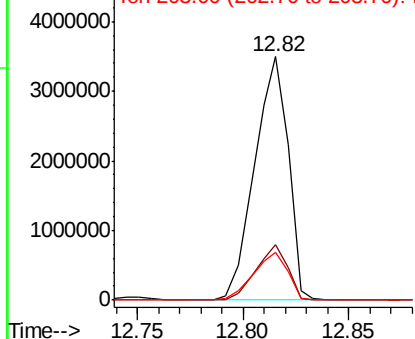
Delta R.T. -0.00 min

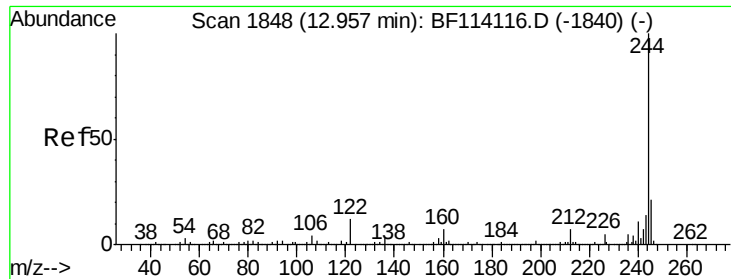
Lab File: BF114166.D

Acq: 11 May 2019 21:22

Tgt Ion:	202	Resp:	3839787
Ion Ratio	Lower	Upper	
202	100		
200	22.6	16.9	25.3
203	19.6	14.5	21.7

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





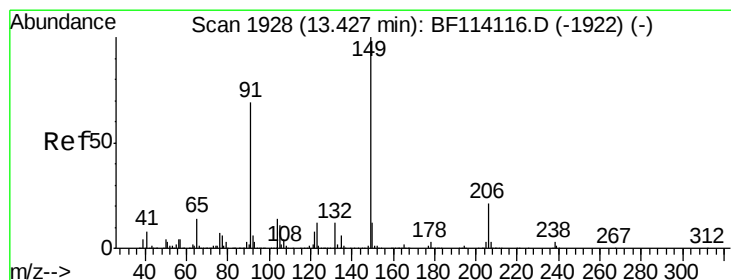
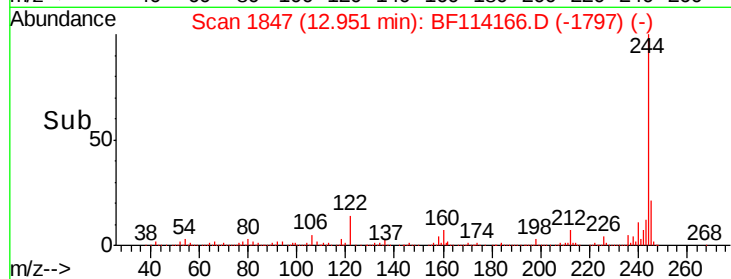
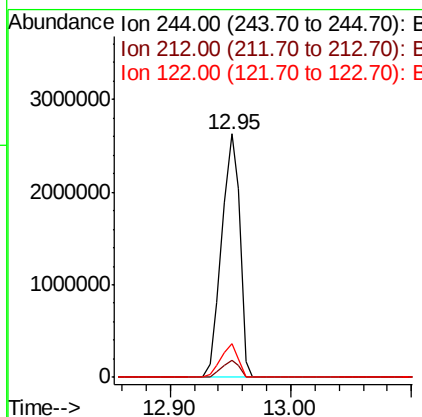
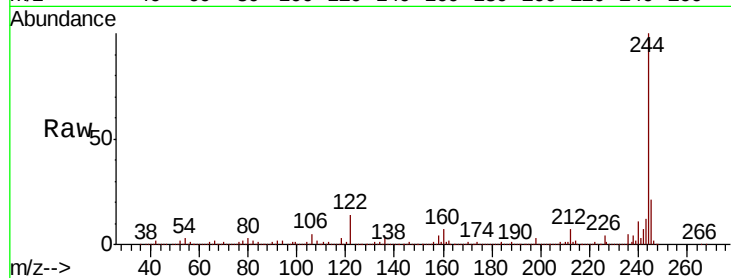
#79
 Terphenyl-d14
 Concen: 96.809 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF114166.D
 Acq: 11 May 2019 21:22

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS002-1218-01MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	13.8	9.4	14.2

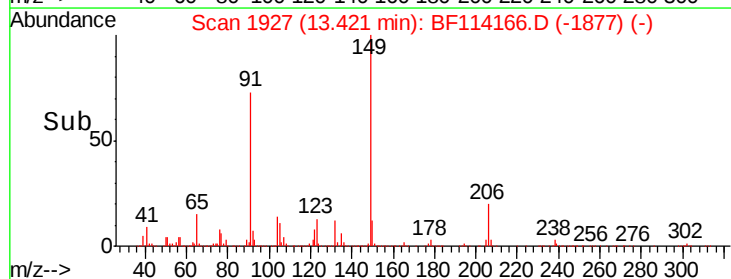
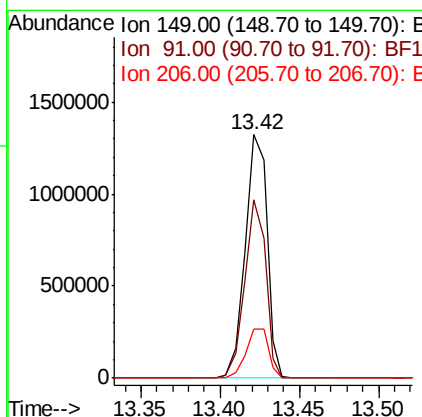
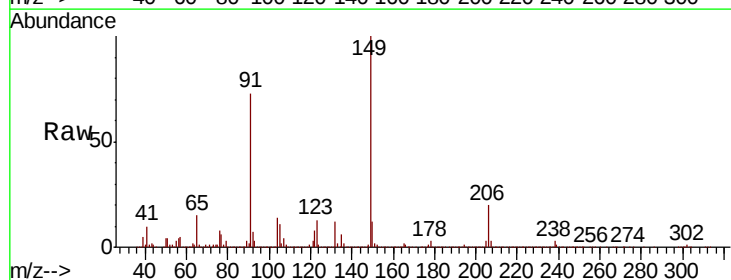
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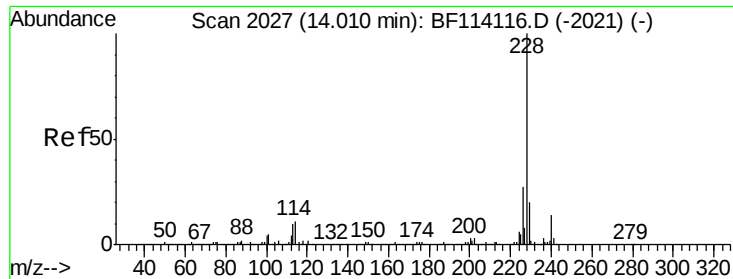
Sohil
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#80
 Butylbenzylphthalate
 Concen: 64.284 ng
 RT: 13.42 min Scan# 1927
 Delta R.T. -0.01 min
 Lab File: BF114166.D
 Acq: 11 May 2019 21:22

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.4	55.0	82.4
206	20.4	16.9	25.3





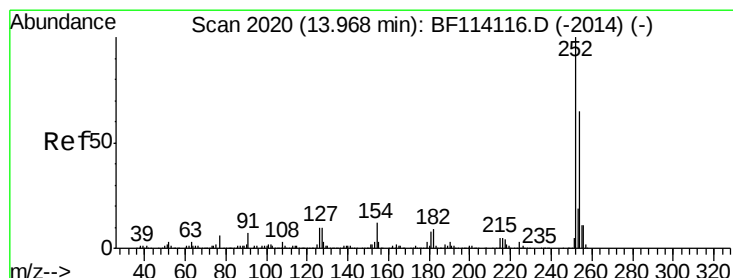
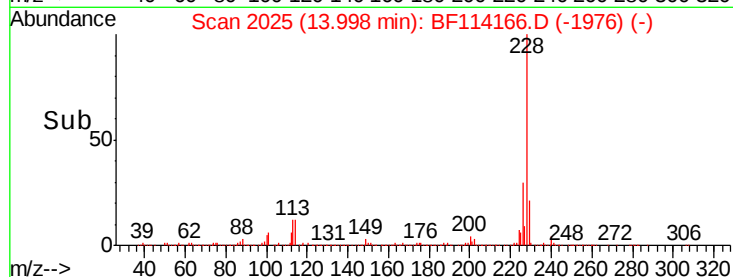
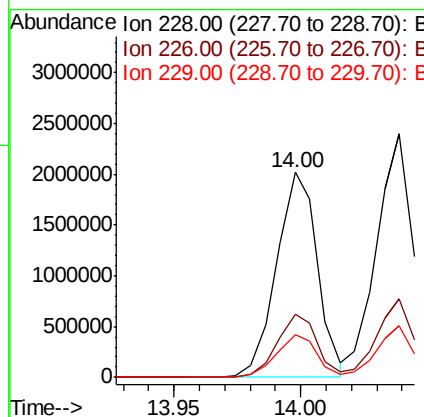
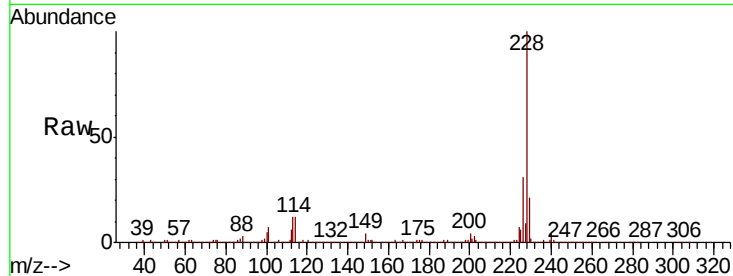
#81
Benzo(a)anthracene
Concen: 60.355 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF114166.D
Acq: 11 May 2019 21:22

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.2	33.2
229	20.9	16.4	24.6

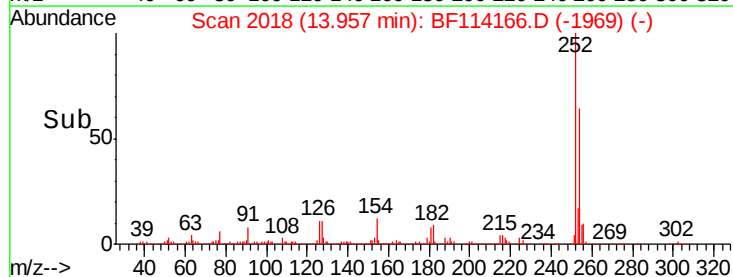
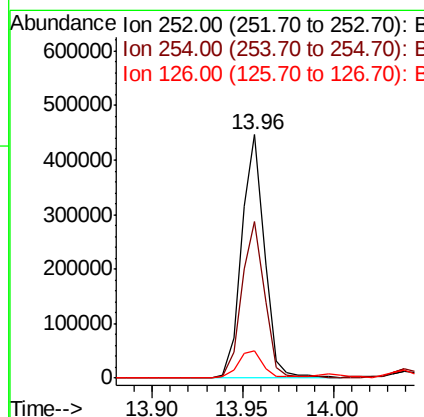
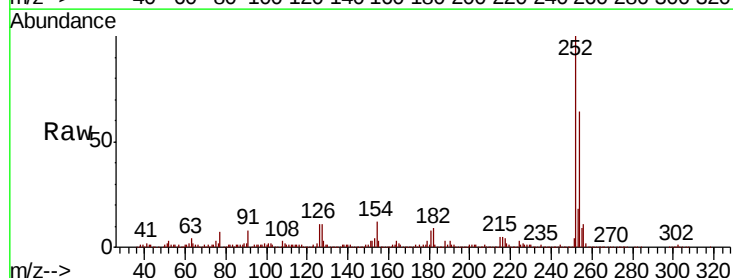
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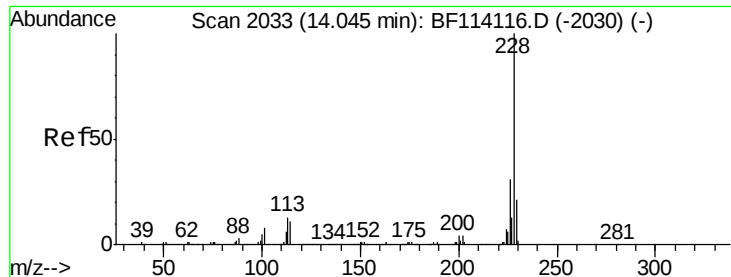
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 26.739 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF114166.D
Acq: 11 May 2019 21:22

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.9	77.9
126	11.0	7.9	11.9





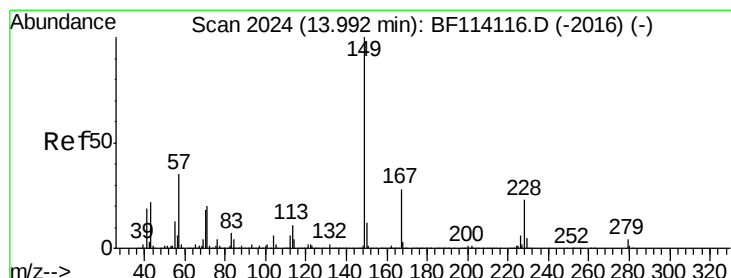
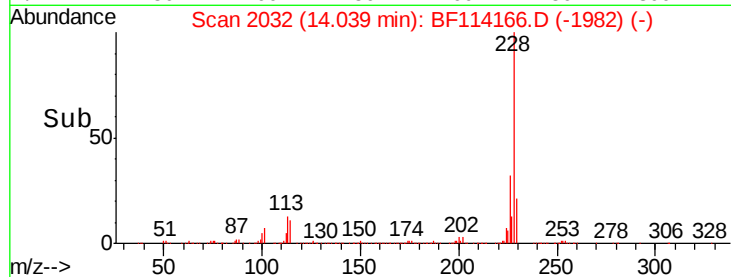
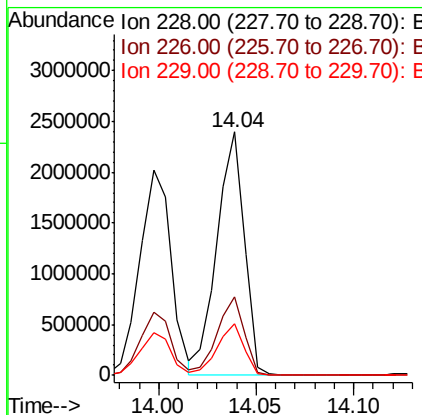
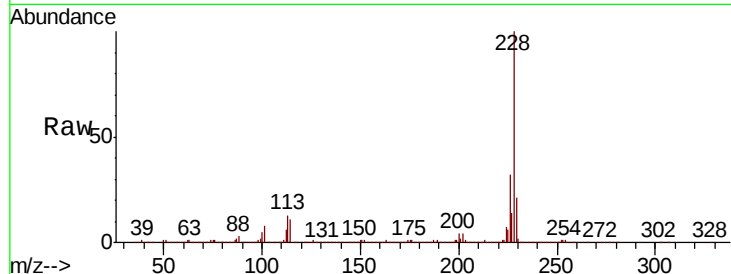
#83
 Chrysene
 Concen: 63.552 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF114166.D
 Acq: 11 May 2019 21:22

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS002-1218-01MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.0	37.6
229	21.2	17.0	25.6

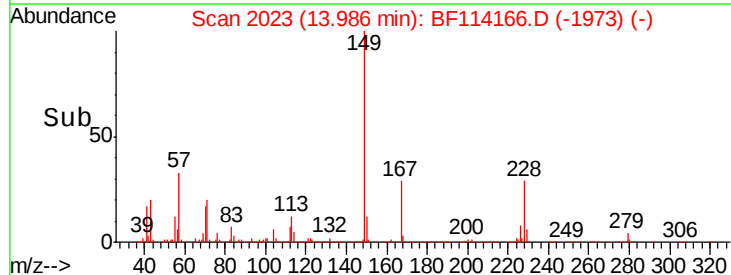
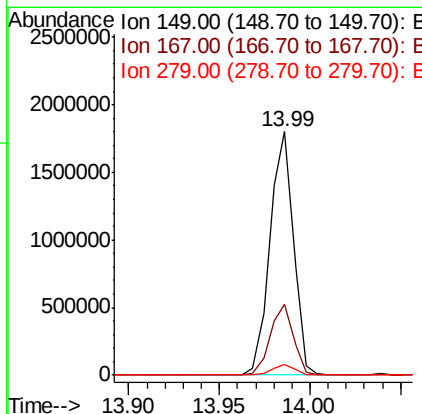
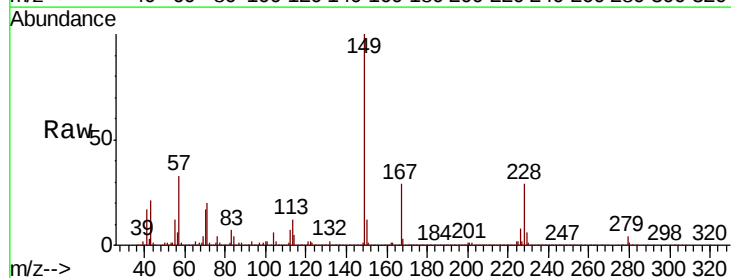
Manual Integrations
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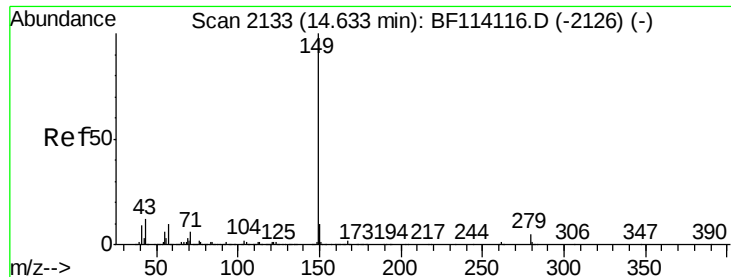
Sohil
 5/13/2019 8:35:53 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 62.901 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF114166.D
 Acq: 11 May 2019 21:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.3	22.6	33.8
279	4.3	3.0	4.6





#85

Di-n-octyl phthalate

Concen: 60.916 ng

RT: 14.60 min Scan# 2128

Delta R.T. -0.03 min

Lab File: BF114166.D

Acq: 11 May 2019 21:22

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MS

Tot Ion:149 Resp: 2536424

Ion Ratio Lower Upper

149 100

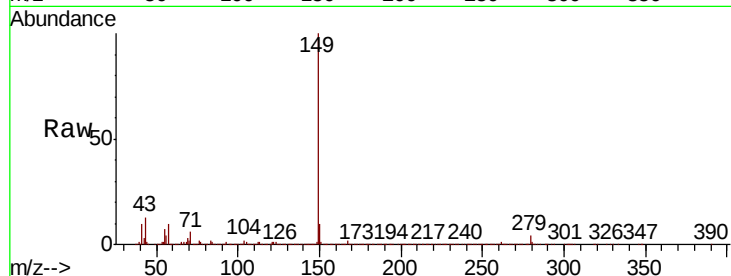
167 1.6 1.3 1.9

43 12.4 10.1 15.1

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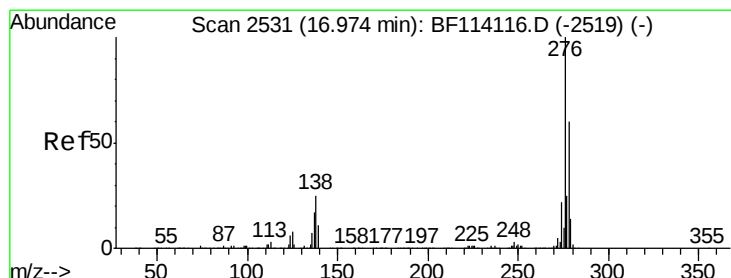
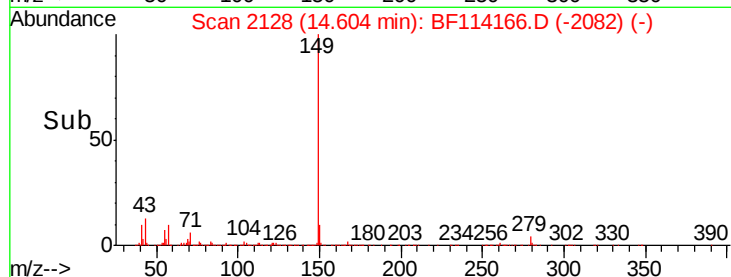
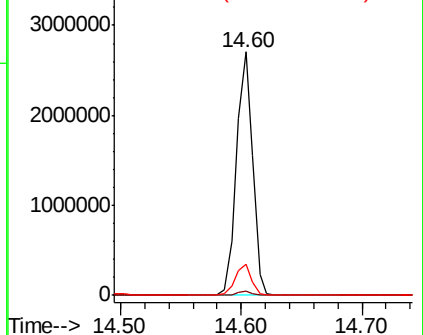
5/13/2019 8:35:53 PM



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: 95.434 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.02 min

Lab File: BF114166.D

Acq: 11 May 2019 21:22

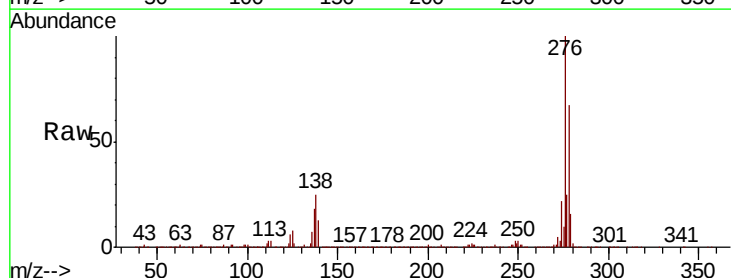
Tgt Ion:276 Resp: 3101753

Ion Ratio Lower Upper

276 100

138 25.8 20.2 30.2

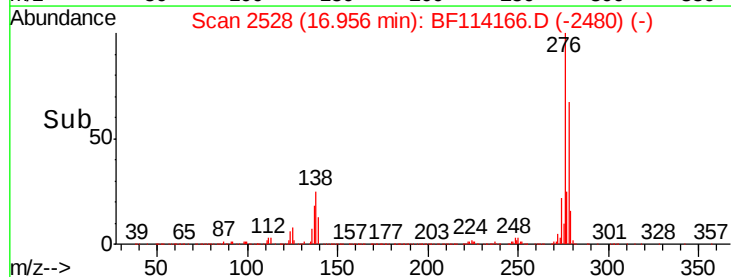
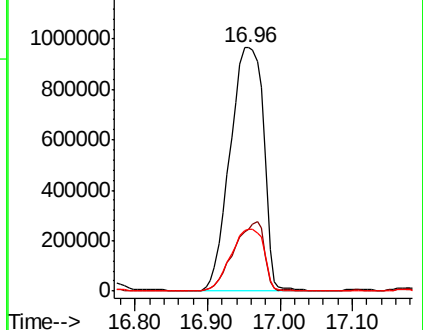
277 25.1 20.0 30.0

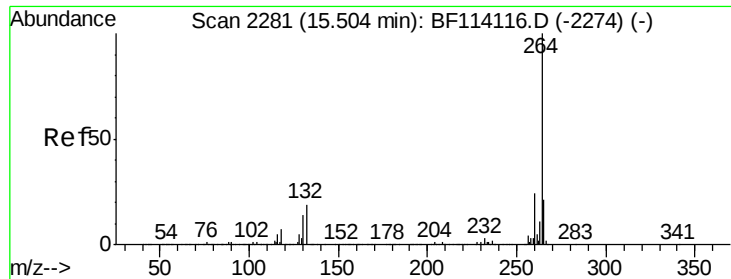


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.48 min Scan# 2277

Delta R.T. -0.02 min

Lab File: BF114166.D

Acq: 11 May 2019 21:22

Instrument :

BNA_F

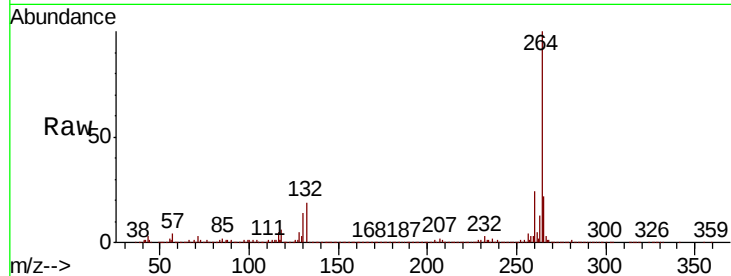
ClientSampleId :

P026-SS002-1218-01MS

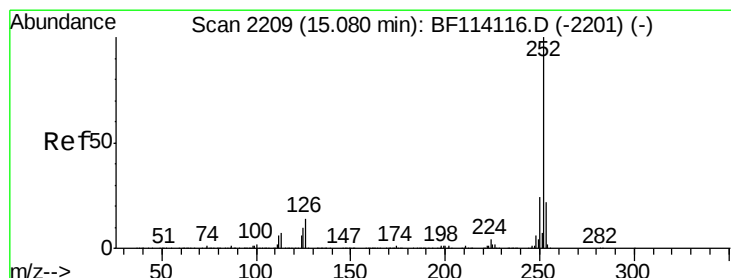
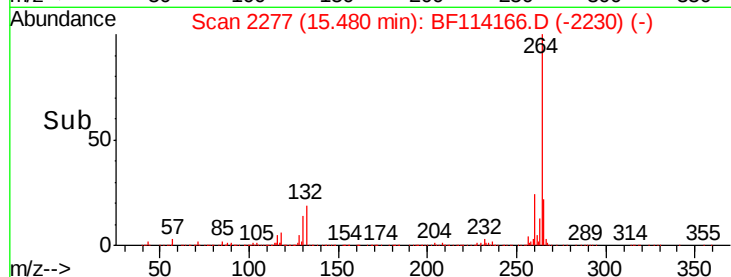
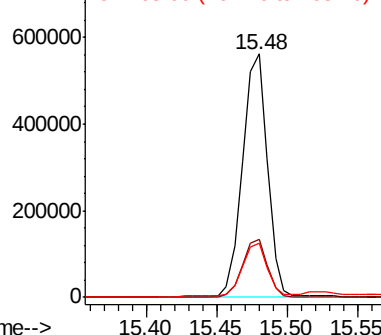
Tot Ion:	264	Resp:	697416
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.4	29.0
265	22.2	16.9	25.3

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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: 56.377 ng

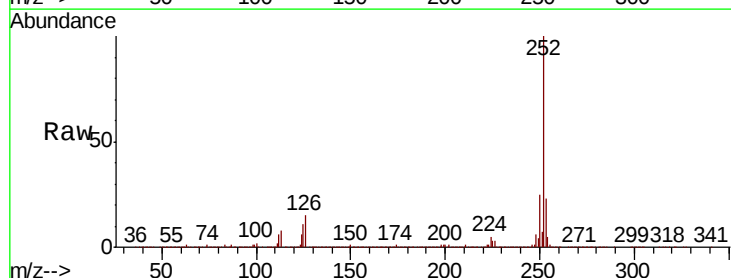
RT: 15.06 min Scan# 2205

Delta R.T. -0.02 min

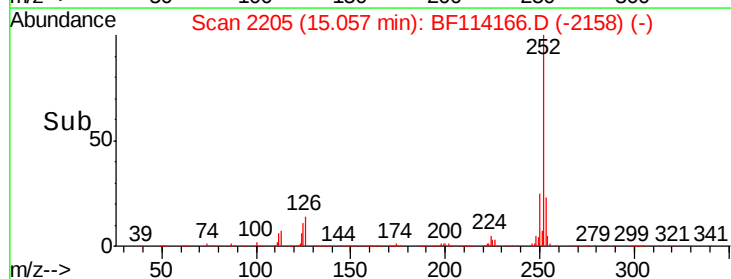
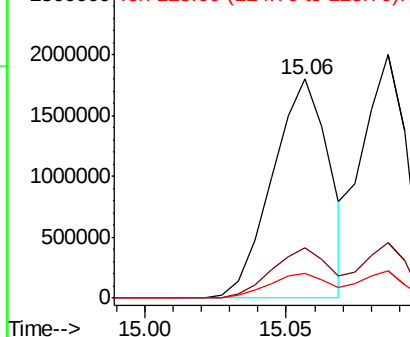
Lab File: BF114166.D

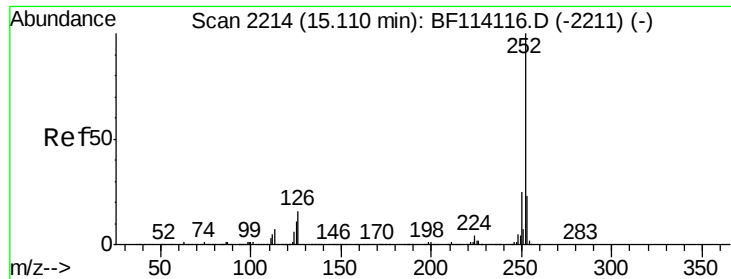
Acq: 11 May 2019 21:22

Tgt Ion:	252	Resp:	2518940
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.8	26.8
125	11.4	8.3	12.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





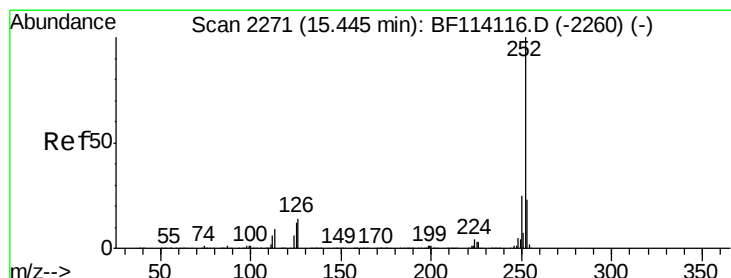
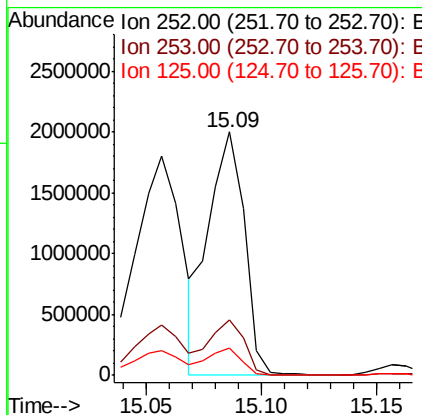
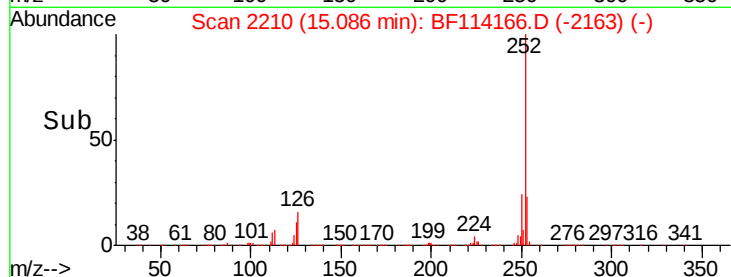
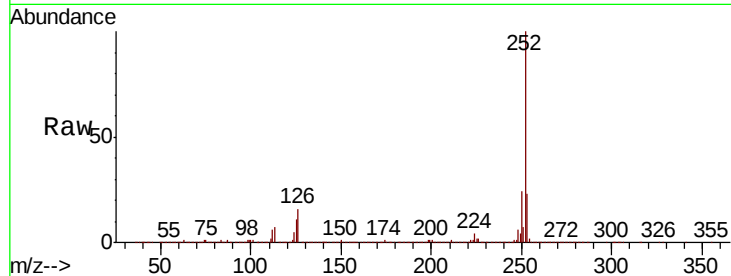
#89
Benzo(k)fluoranthene
Concen: 52.606 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.02 min
Lab File: BF114166.D
Acq: 11 May 2019 21:22

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	11.4	8.6	13.0

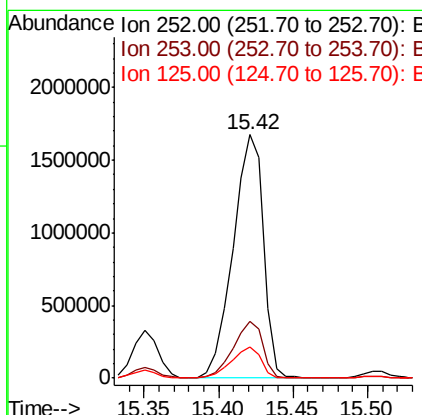
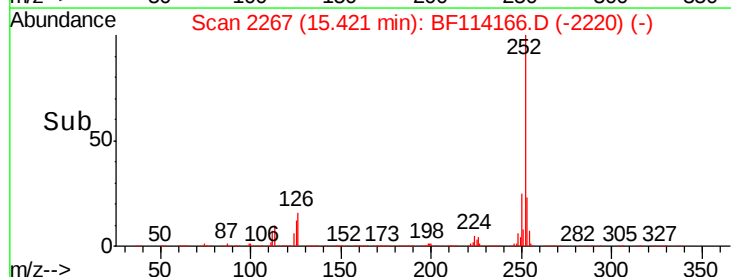
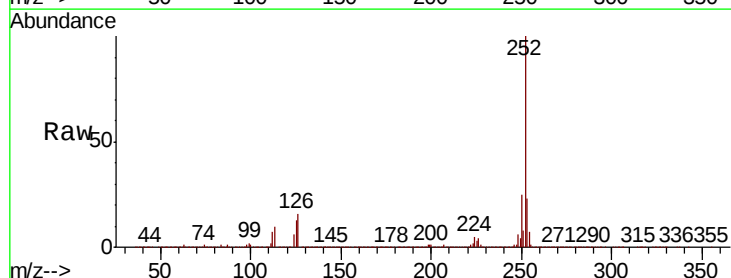
Manual Integrations
APPROVED

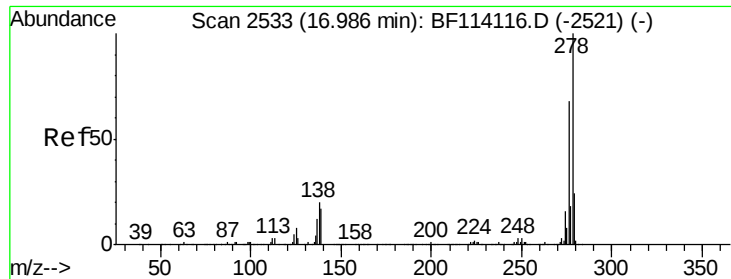
Sohil
5/13/2019 8:35:53 PM



#90
Benzo(a)pyrene
Concen: 60.294 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF114166.D
Acq: 11 May 2019 21:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.1	27.1
125	12.7	9.5	14.3





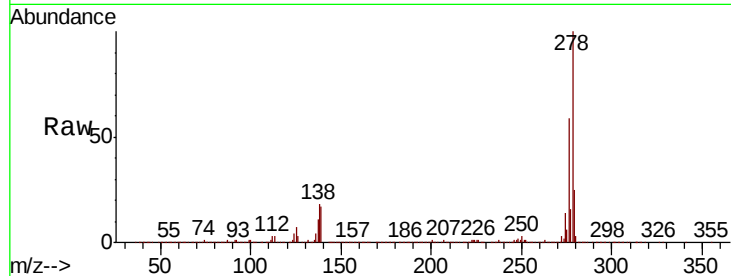
#91
Dibenzo(a,h)anthracene
Concen: 71.977 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.01 min
Lab File: BF114166.D
Acq: 11 May 2019 21:22

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.0	13.5	20.3
279	25.1	19.0	28.6

Manual Integrations
APPROVED

Sohil
5/13/2019 8:35:53 PM

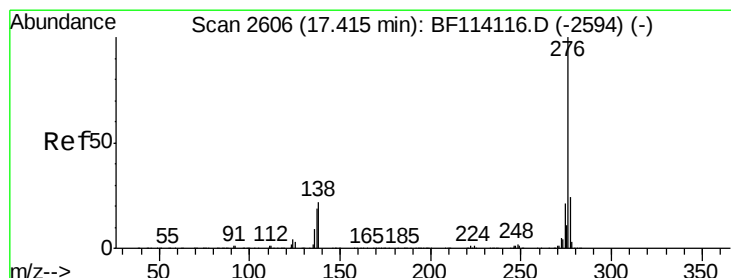
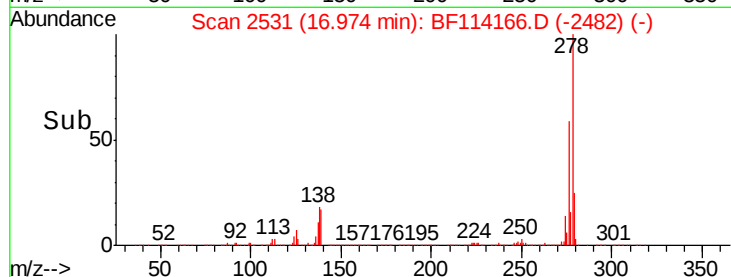
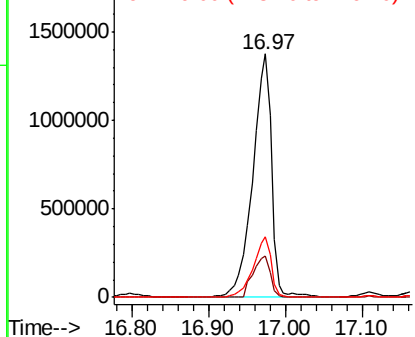


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 88.522 ng
RT: 17.40 min Scan# 2604
Delta R.T. -0.01 min
Lab File: BF114166.D
Acq: 11 May 2019 21:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.4
138	23.7	17.8	26.6

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

