

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041519\
 Data File : BF113766.D
 Acq On : 15 Apr 2019 16:40
 Operator : JU/SJ
 Sample : K2199-10MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-041219-AMS

Manual Integrations
 APPROVED

Sohil
 4/16/2019 5:02:54 PM

Quant Time: Apr 15 23:58:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	115918	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	430211	20.00	ng	-0.02
39) Acenaphthene-d10	9.70	164	211466	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	428953	20.00	ng	-0.02
76) Chrysene-d12	13.83	240	264289	20.00	ng	-0.02
87) Perylene-d12	15.23	264	280546	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	779353	114.65	ng	0.00
7) Phenol-d6	6.33	99	909682	108.58	ng	0.00
23) Nitrobenzene-d5	7.25	82	642821	87.52	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	348687	137.27	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1216852	92.64	ng	-0.02
79) Terphenyl-d14	12.77	244	1387985	106.93	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	115183	35.776	ng	# 83
3) Pyridine	3.17	79	242134	28.738	ng	97
4) n-Nitrosodimethylamine	3.06	42	133704	37.348	ng	97
6) Aniline	6.35	93	95970	9.450	ng	# 27
8) 2-Chlorophenol	6.47	128	320242	40.718	ng	96
9) Benzaldehyde	6.23	77	105358	21.149	ng	99
10) Phenol	6.35	94	315585	32.980	ng	80
11) bis(2-Chloroethyl)ether	6.41	93	324281	43.566	ng	98
12) 1,3-Dichlorobenzene	6.61	146	340602	40.213	ng	99
13) 1,4-Dichlorobenzene	6.69	146	354248	41.388	ng	99
14) 1,2-Dichlorobenzene	6.84	146	329900	42.701	ng	99
15) Benzyl Alcohol	6.83	79	205992	36.362	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.95	45	479067	41.348	ng	67
17) 2-Methylphenol	6.96	107	274301	45.004	ng	# 88
18) Hexachloroethane	7.17	117	120802	38.776	ng	98
19) n-Nitroso-di-n-propylamine	7.10	70	226376	43.817	ng	98
20) 3+4-Methylphenols	7.12	107	331123	44.836	ng	90
22) Acetophenone	7.09	105	447770	47.389	ng	98
24) Nitrobenzene	7.26	77	337078	44.565	ng	99
25) Isophorone	7.50	82	616900	43.602	ng	100
26) 2-Nitrophenol	7.58	139	178087	43.747	ng	92
27) 2,4-Dimethylphenol	7.63	122	295085	50.705	ng	100
28) bis(2-Chloroethoxy)methane	7.71	93	393151	43.952	ng	100
29) 2,4-Dichlorophenol	7.84	162	291669	46.842	ng	98
30) 1,2,4-Trichlorobenzene	7.90	180	301679	44.614	ng	99
31) Naphthalene	7.97	128	957959	45.957	ng	99
32) Benzoic acid	7.79	122	89388	19.836	ng	97
33) 4-Chloroaniline	8.06	127	52404	6.340	ng	96
34) Hexachlorobutadiene	8.09	225	178672	43.340	ng	99
35) Caprolactam	8.42	113	64565m	32.665	ng	
36) 4-Chloro-3-methylphenol	8.54	107	285509	45.677	ng	99
37) 2-Methylnaphthalene	8.67	142	643736	46.955	ng	99
38) 1-Methylnaphthalene	8.76	142	609603	46.114	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.84	216	308846	45.159	ng	99

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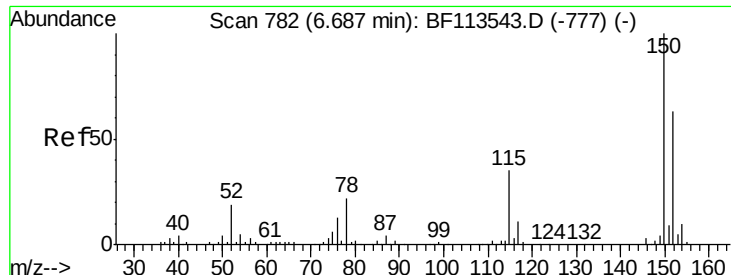
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	131154	59.031	ng	99
43) 2,4,6-Trichlorophenol	8.96	196	198226	45.918	ng	96
44) 2,4,5-Trichlorophenol	9.02	196	207583	44.790	ng	98
46) 1,1'-Biphenyl	9.13	154	801249	45.917	ng	99
47) 2-Chloronaphthalene	9.16	162	601544	45.530	ng	98
48) 2-Nitroaniline	9.26	65	183057	45.280	ng	98
49) Acenaphthylene	9.57	152	951190	44.274	ng	99
50) Dimethylphthalate	9.43	163	703942	45.160	ng	99
51) 2,6-Dinitrotoluene	9.50	165	156983	45.688	ng	99
52) Acenaphthene	9.74	154	569961	46.345	ng	98
53) 3-Nitroaniline	9.68	138	53227	13.625	ng	90
54) 2,4-Dinitrophenol	9.80	184	88894	55.299	ng	94
55) Dibenzofuran	9.91	168	857585	47.538	ng	98
56) 4-Nitrophenol	9.88	139	103387	42.663	ng	91
57) 2,4-Dinitrotoluene	9.92	165	204840	49.293	ng	89
58) Fluorene	10.26	166	680399	47.686	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.05	232	204299	50.926	ng	93
60) Diethylphthalate	10.13	149	707299	47.063	ng	99
61) 4-Chlorophenyl-phenylether	10.25	204	341794	48.702	ng	92
62) 4-Nitroaniline	10.30	138	162019	40.785	ng	97
63) Azobenzene	10.40	77	651565	45.788	ng	97
65) 4,6-Dinitro-2-methylphenol	10.33	198	72409	32.064	ng	92
66) n-Nitrosodiphenylamine	10.37	169	621294	47.180	ng	99
67) 4-Bromophenyl-phenylether	10.73	248	216709	45.046	ng	93
68) Hexachlorobenzene	10.81	284	248902	45.153	ng	99
69) Atrazine	10.90	200	189995	45.775	ng	96
70) Pentachlorophenol	11.02	266	167878	64.630	ng	98
71) Phenanthrene	11.22	178	1002937	47.053	ng	99
72) Anthracene	11.27	178	1060283	48.892	ng	99
73) Carbazole	11.43	167	972524	47.948	ng	99
74) Di-n-butylphthalate	11.75	149	1117487	46.315	ng	99
75) Fluoranthene	12.40	202	1087746	47.623	ng	99
77) Benzidine	12.53	184	236091	24.022	ng	98
78) Pyrene	12.63	202	1062102	52.816	ng	100
80) Butylbenzylphthalate	13.24	149	454196	55.486	ng	99
81) Benzo(a)anthracene	13.82	228	762537	50.017	ng	99
82) 3,3'-Dichlorobenzidine	13.78	252	83046	14.142	ng	98
83) Chrysene	13.85	228	783876	50.721	ng	99
84) Bis(2-ethylhexyl)phthalate	13.80	149	586891	59.300	ng	99
85) Di-n-octyl phthalate	14.41	149	897227	55.772	ng	100
86) Indeno(1,2,3-cd)pyrene	16.61	276	948577	66.478	ng	99
88) Benzo(b)fluoranthene	14.84	252	737741	42.960	ng	99
89) Benzo(k)fluoranthene	14.86	252	705441	45.771	ng	99
90) Benzo(a)pyrene	15.18	252	731573	47.941	ng	99
91) Dibenzo(a,h)anthracene	16.61	278	795775	55.765	ng	100
92) Benzo(g,h,i)perylene	17.01	276	844725	57.995	ng	99

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



#1

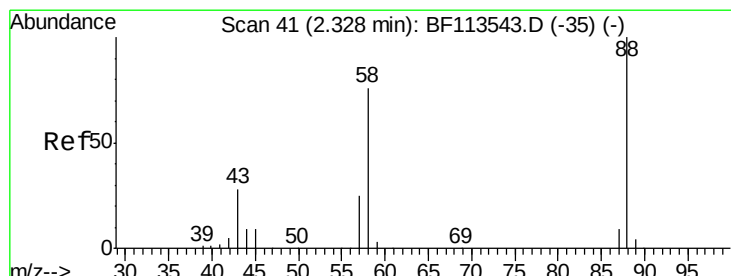
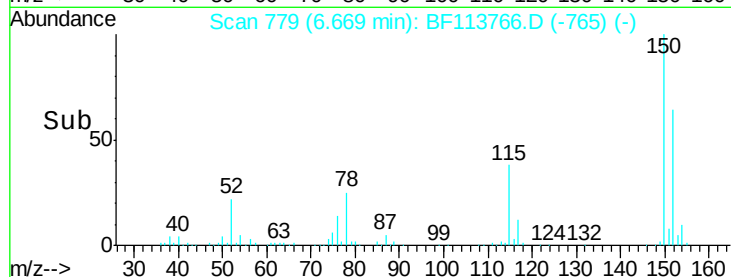
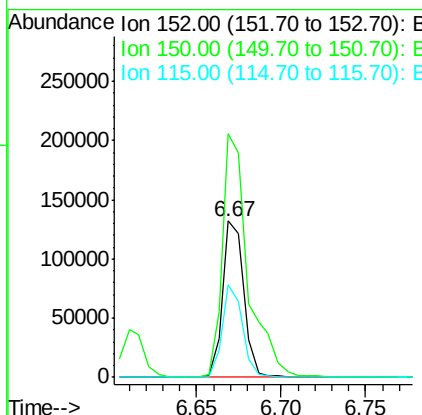
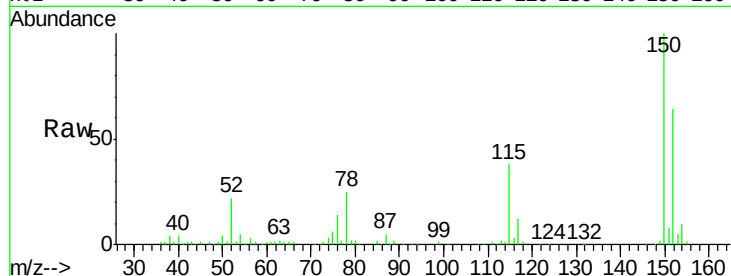
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.02 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Instrument :
BNA_F
ClientSampleId :
OR-02-041219-AMS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.7	187.1
115	59.5	46.0	69.0

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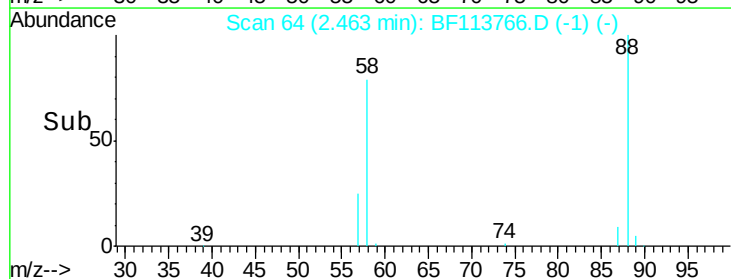
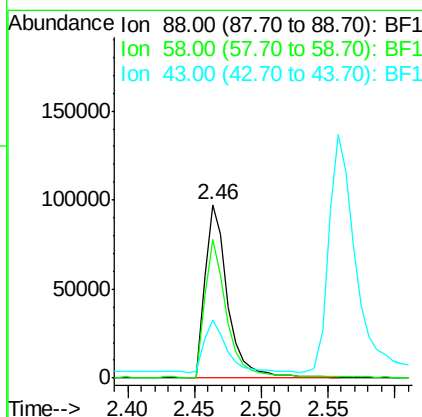
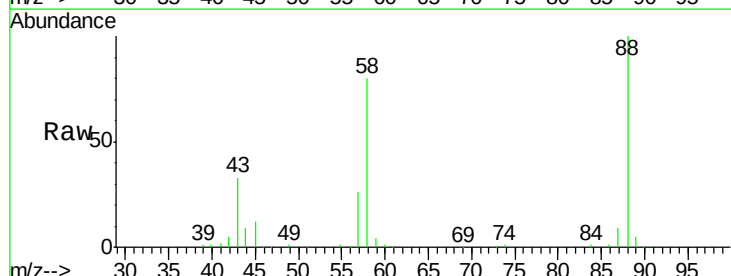
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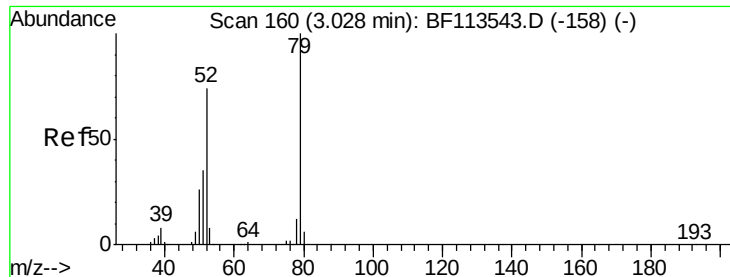


#2

1,4-Dioxane
Concen: 35.776 ng
RT: 2.46 min Scan# 64
Delta R.T. 0.14 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.2	61.9	92.9
43	0.0	24.2	36.4





#3

Pyridine

Concen: 28.738 ng

RT: 3.17 min Scan# 184

Delta R.T. 0.14 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

Instrument :

BNA_F

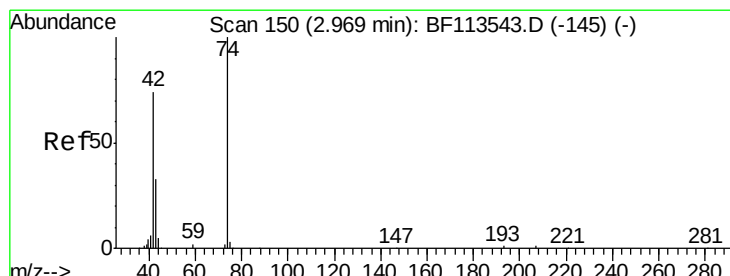
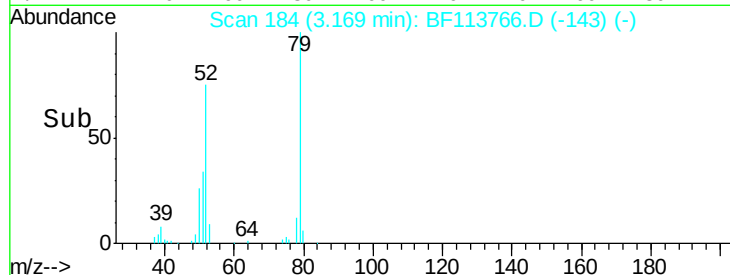
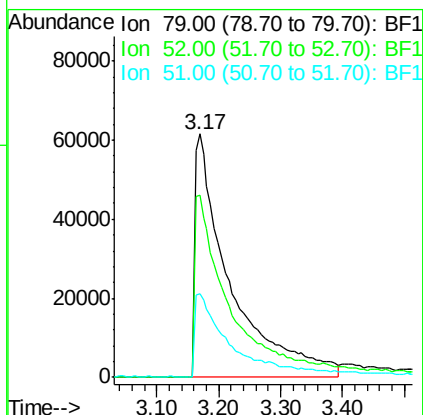
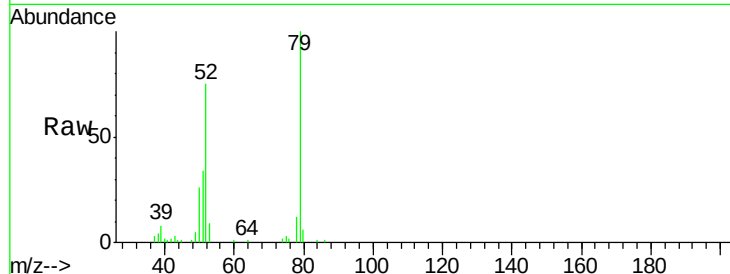
ClientSampleId :

OR-02-041219-AMS

Tgt Ion:	79	Resp:	242134
Ion Ratio	Lower	Upper	
79	100		
52	74.8	61.0	91.4
51	34.3	30.6	45.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 37.348 ng

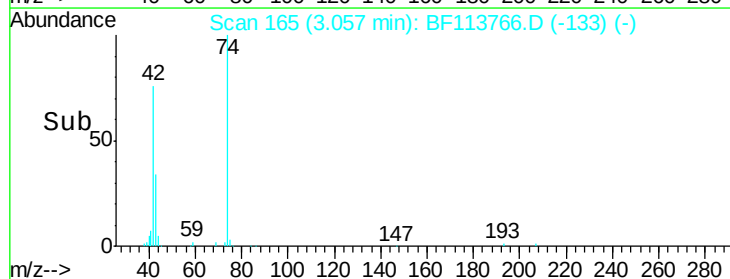
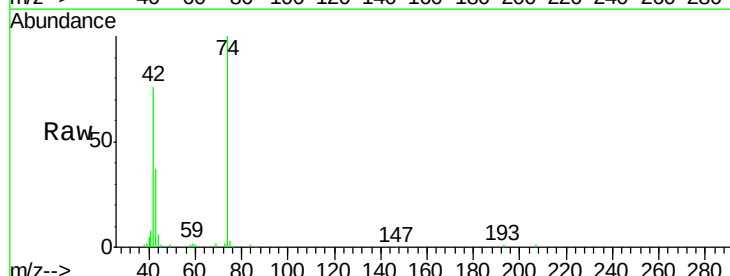
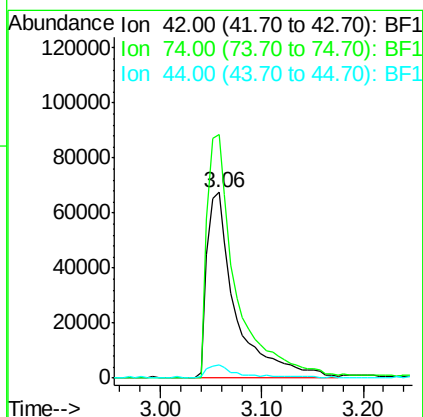
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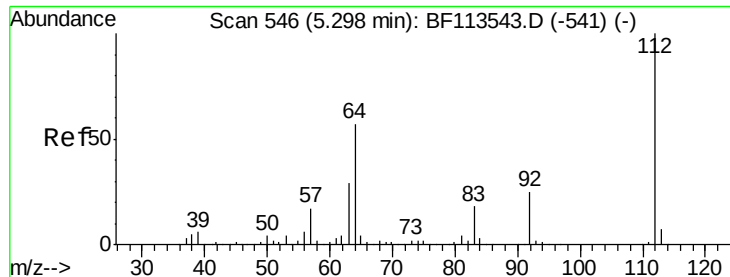
Delta R.T. 0.09 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

Tgt Ion:	42	Resp:	133704
Ion Ratio	Lower	Upper	
42	100		
74	131.2	102.4	153.6
44	7.2	5.5	8.3





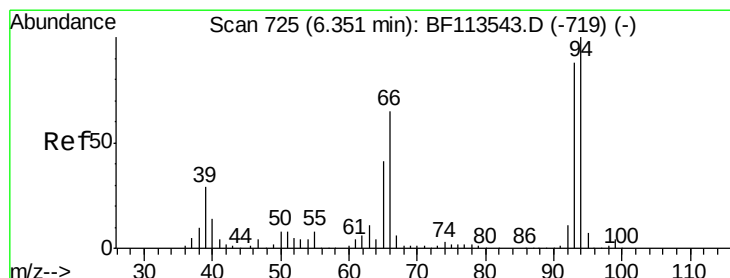
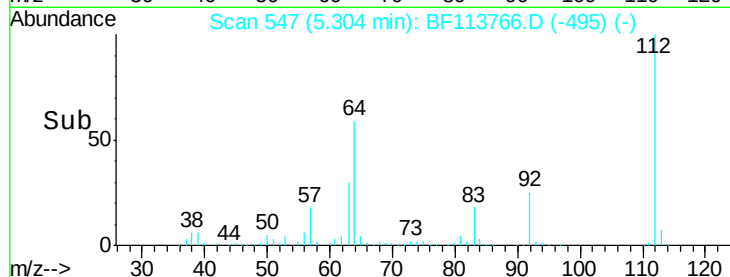
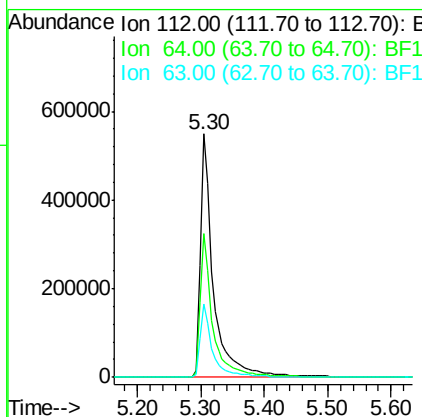
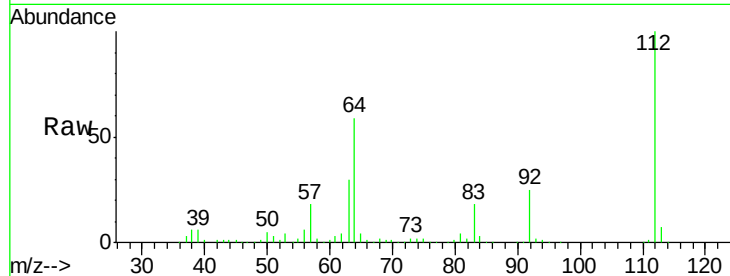
#5
2-Fluorophenol
Concen: 114.648 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Instrument :
BNA_F
ClientSampleId :
OR-02-041219-AMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	59.3	49.2	73.8
63	29.9	24.9	37.3

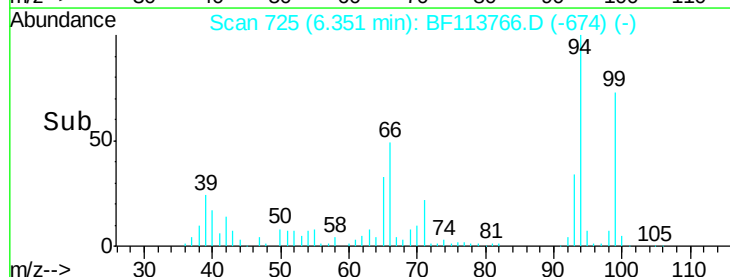
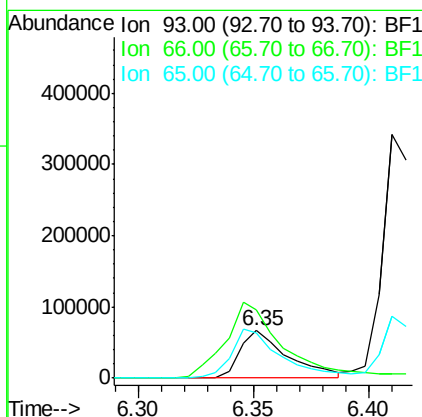
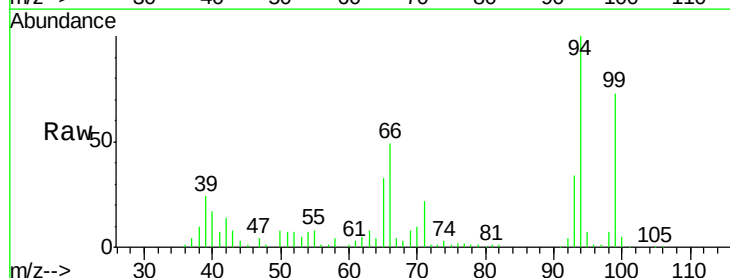
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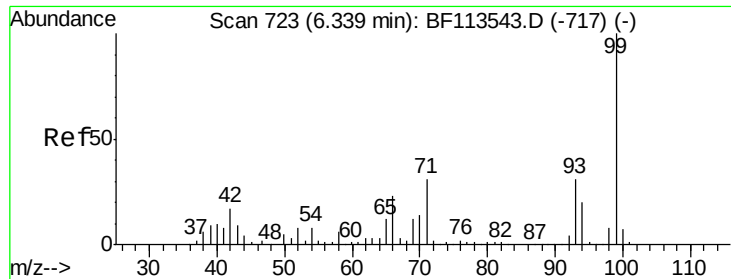
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#6
Aniline
Concen: 9.450 ng
RT: 6.35 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	142.8	62.1	93.1#
65	95.7	38.7	58.1#





#7

Phenol-d6

Concen: 108.576 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

Instrument :

BNA_F

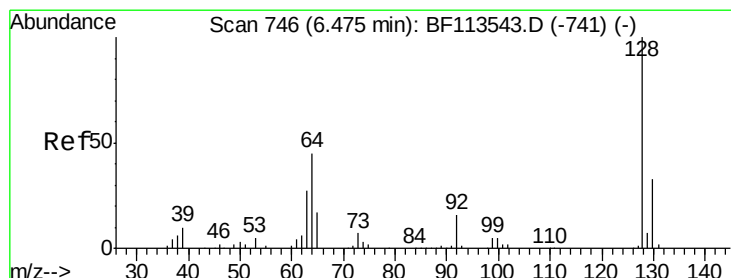
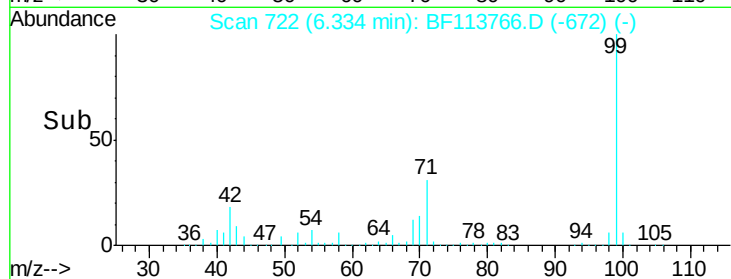
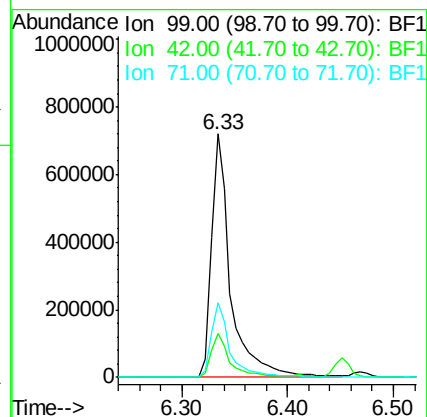
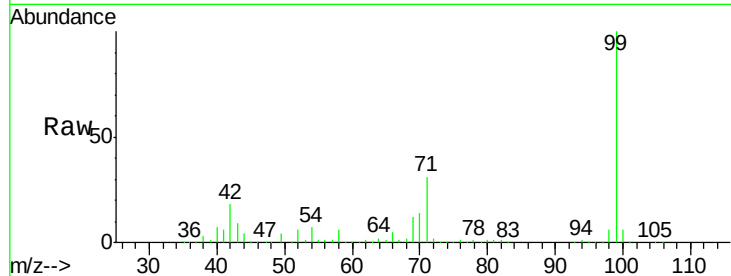
ClientSampleId :

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Tgt Ion:	99	Resp:	909682
Ion Ratio	Lower	Upper	
99	100		
42	18.3	14.8	22.2
71	30.7	24.9	37.3

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#8

2-Chlorophenol

Concen: 40.718 ng

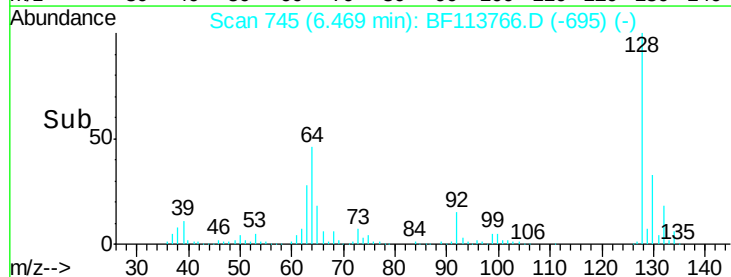
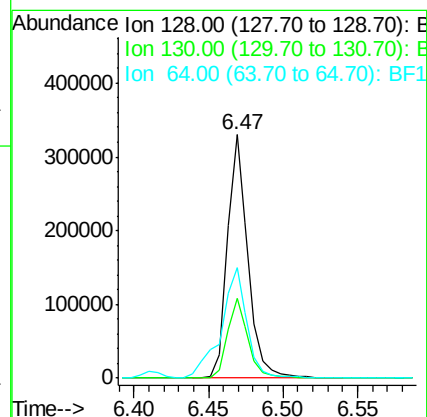
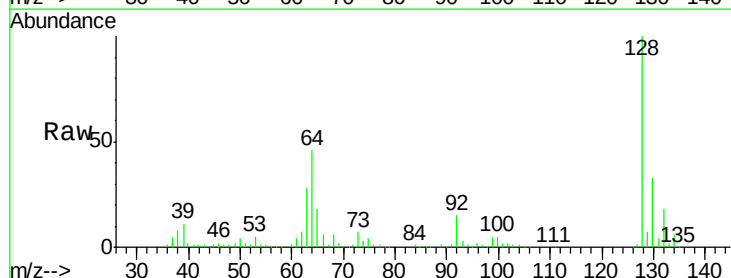
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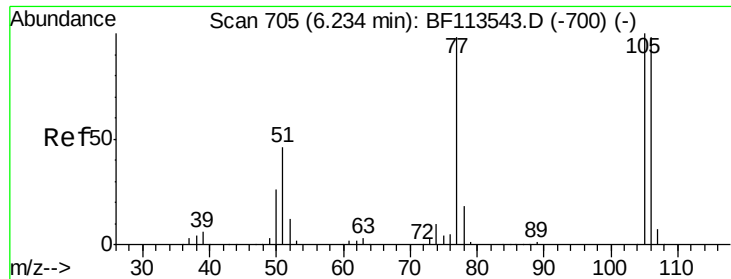
Delta R.T. -0.01 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

Tgt Ion:	128	Resp:	320242
Ion Ratio	Lower	Upper	
128	100		
130	32.8	12.6	52.6
64	45.5	29.4	69.4





#9

Benzaldehyde

Concen: 21.149 ng

RT: 6.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

Instrument :

BNA_F

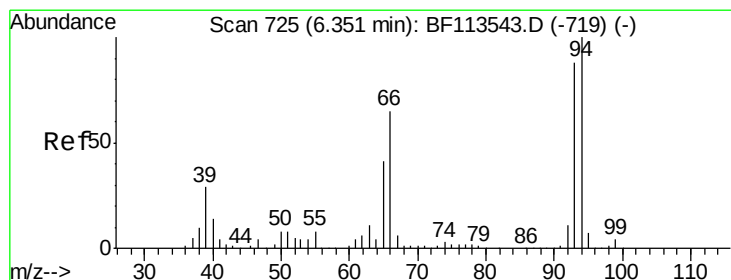
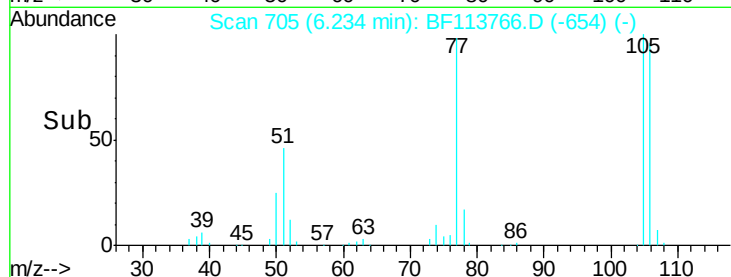
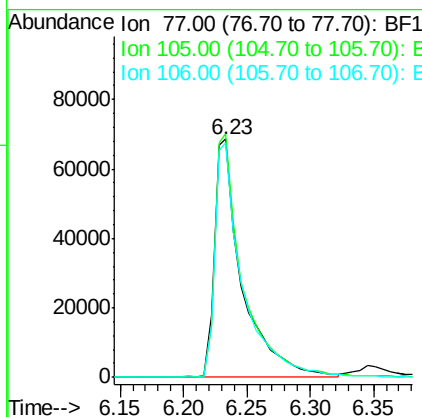
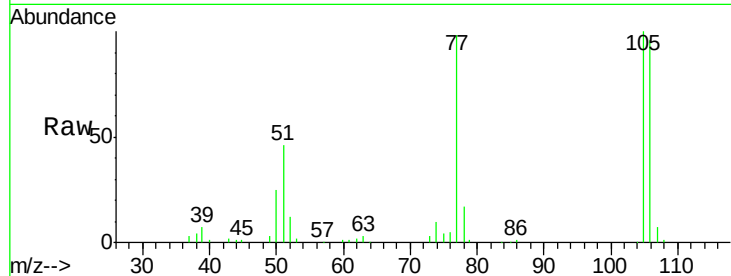
ClientSampleId :

OR-02-041219-AMS

Tgt Ion:	77	Resp:	105358
Ion	Ratio	Lower	Upper
77	100		
105	102.1	80.9	120.9
106	98.5	77.8	117.8

Manual Integrations
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#10

Phenol

Concen: 32.980 ng

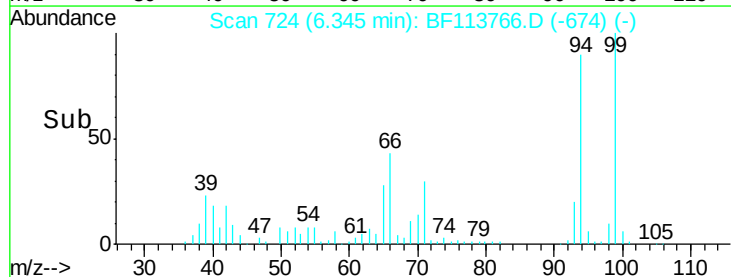
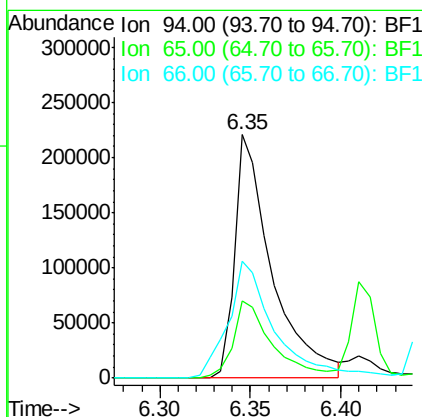
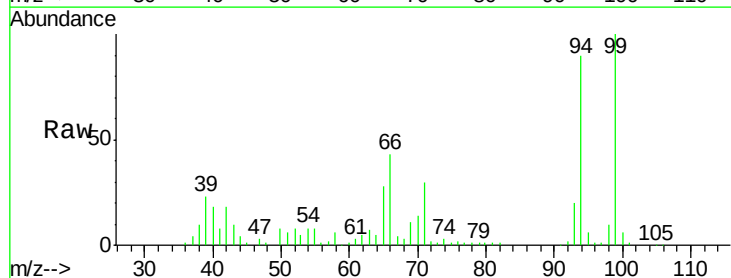
RT: 6.35 min Scan# 724

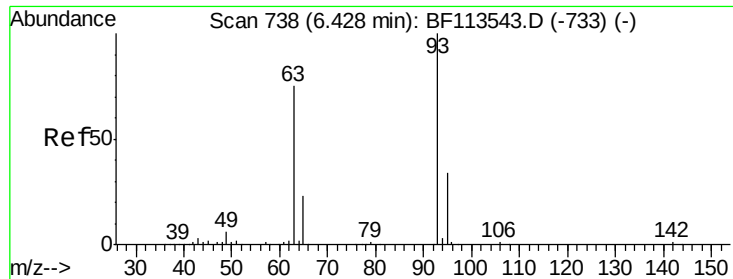
Delta R.T. -0.01 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

Tgt Ion:	94	Resp:	315585
Ion	Ratio	Lower	Upper
94	100		
65	31.5	21.4	61.4
66	48.0	46.4	86.4





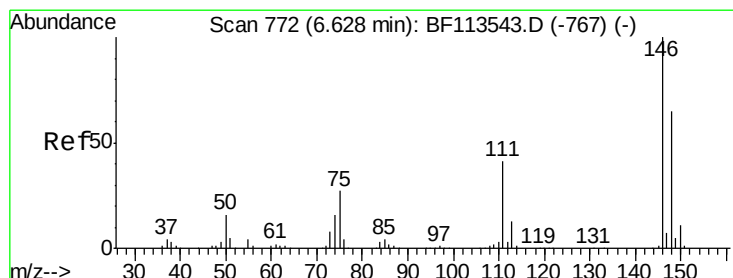
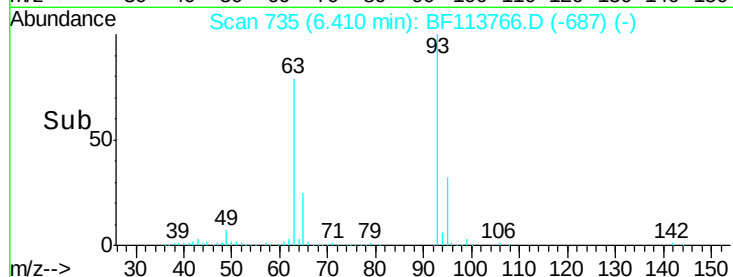
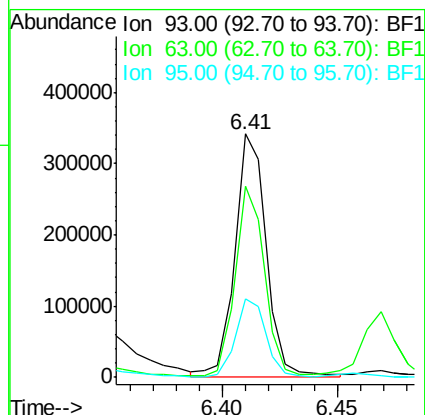
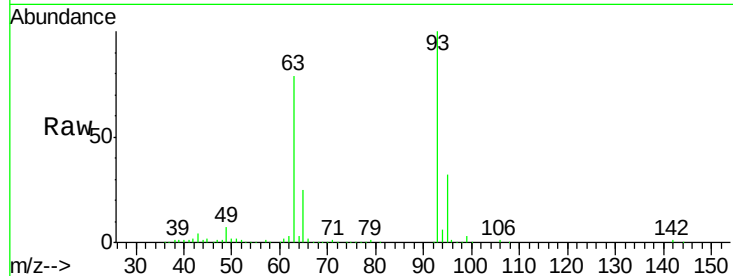
#11
bis(2-Chloroethyl)ether
Concen: 43.566 ng
RT: 6.41 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Instrument :
BNA_F
ClientSampleId :
OR-02-041219-AMS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	78.7	56.1	96.1
95	32.3	12.8	52.8

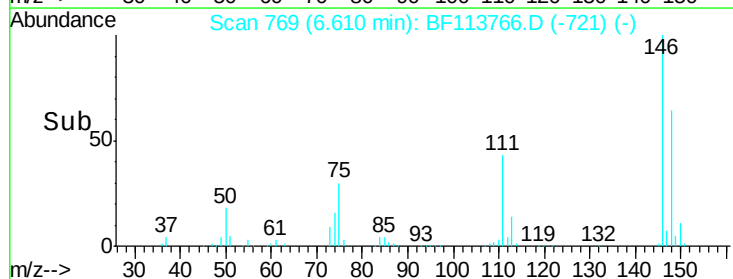
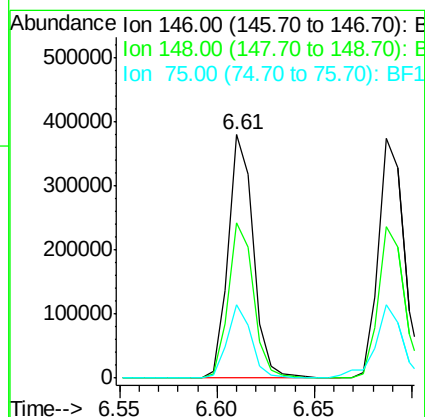
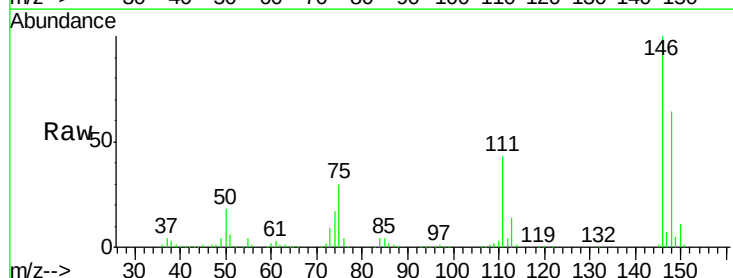
Manual Integrations
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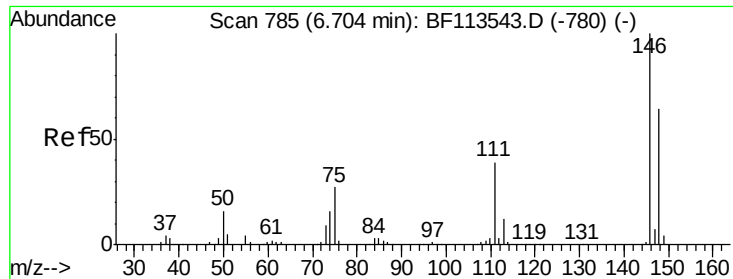
Sohil
4/16/2019 5:02:54 PM



#12
1,3-Dichlorobenzene
Concen: 40.213 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.02 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.4	77.0
75	30.4	24.8	37.2





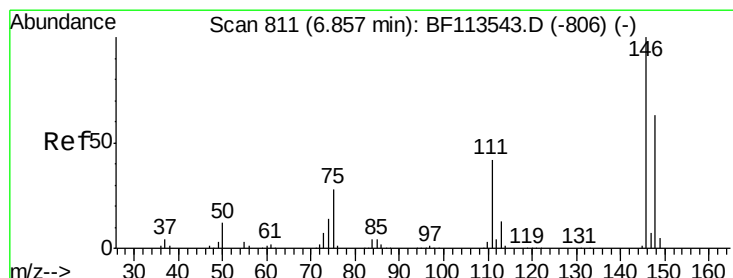
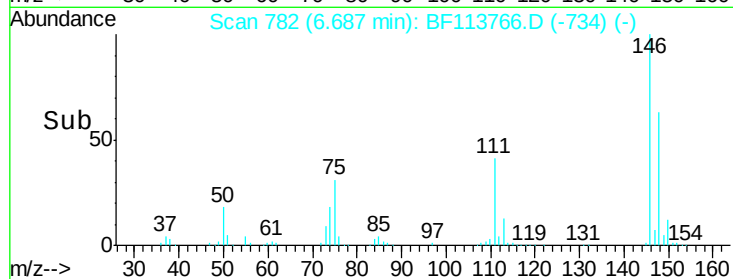
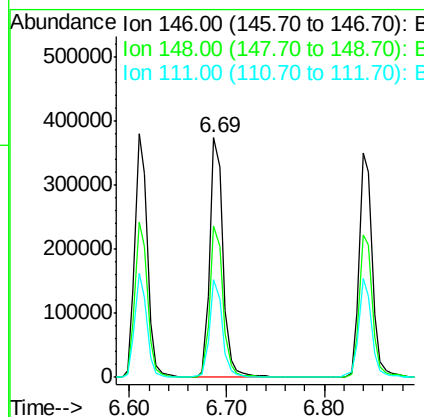
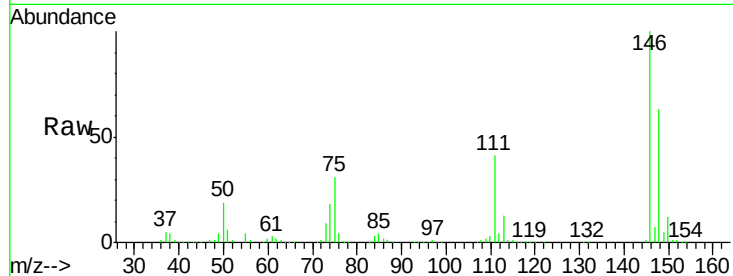
#13
 1,4-Dichlorobenzene
 Concen: 41.388 ng
 RT: 6.69 min Scan# 782
 Delta R.T. -0.02 min
 Lab File: BF113766.D
 Acq: 15 Apr 2019 16:40

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-041219-AMS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.1	76.7
111	40.9	32.8	49.2

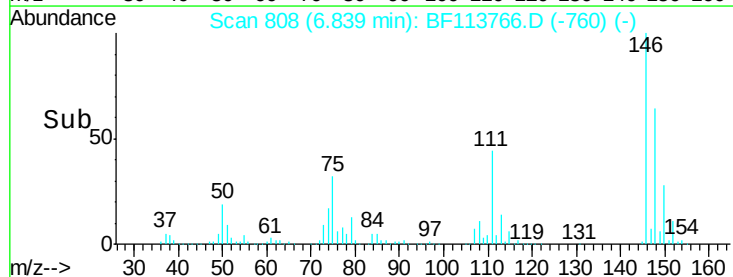
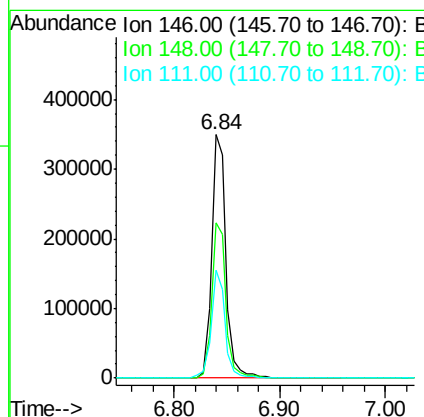
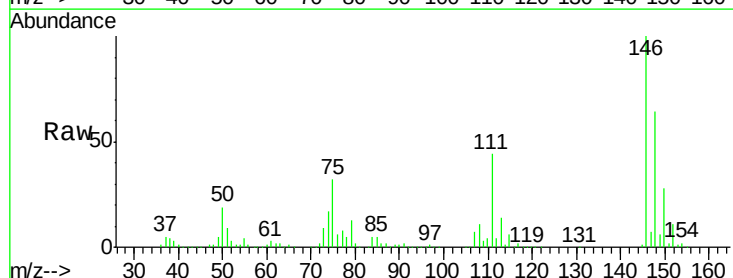
Manual Integrations
 APPROVED

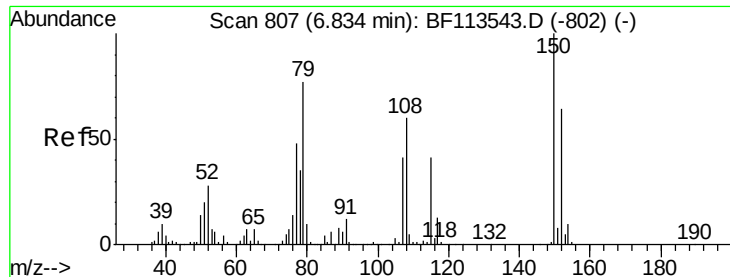
Sohil
 4/16/2019 5:02:54 PM



#14
 1,2-Dichlorobenzene
 Concen: 42.701 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.02 min
 Lab File: BF113766.D
 Acq: 15 Apr 2019 16:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.2	75.4
111	44.2	35.4	53.2





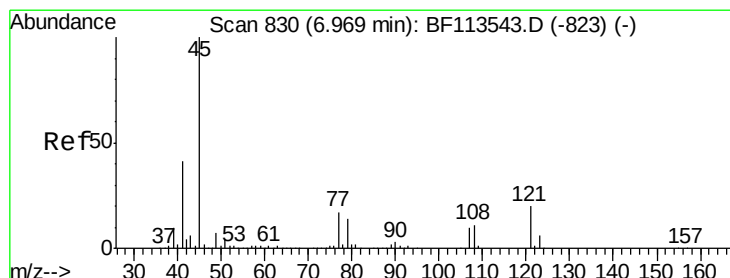
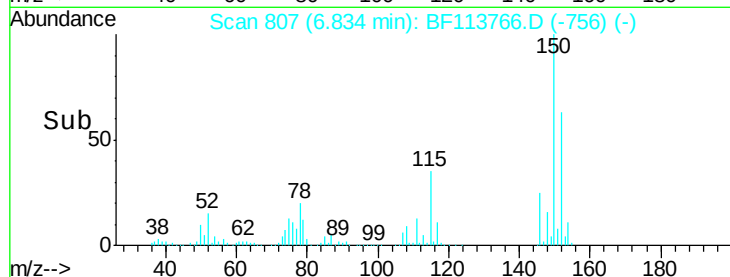
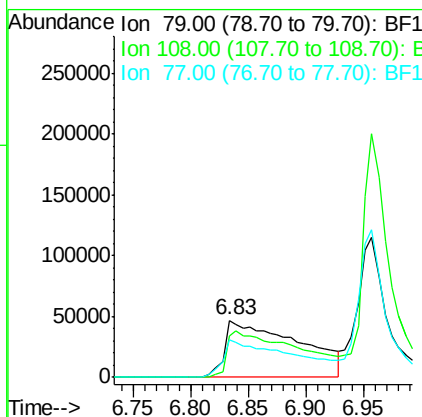
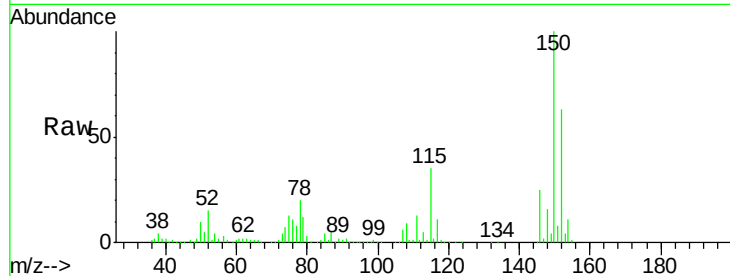
#15
Benzyl Alcohol
Concen: 36.362 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Instrument :
BNA_F
ClientSampleId :
OR-02-041219-AMS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	73.0	62.0	93.0
77	66.5	49.9	74.9

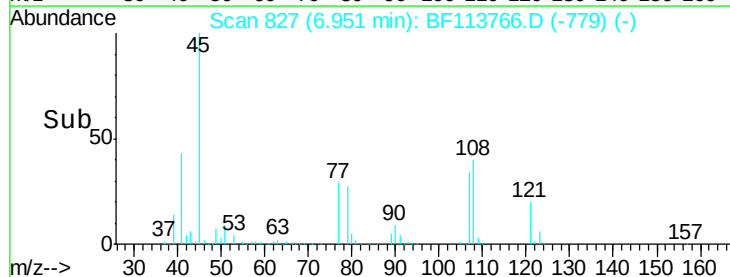
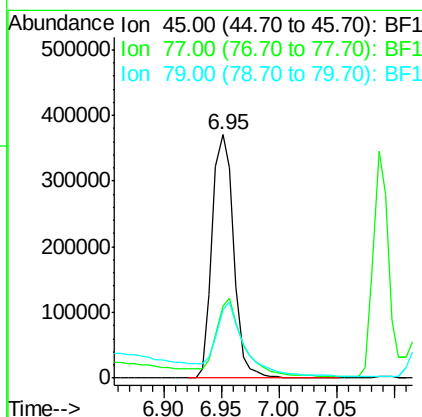
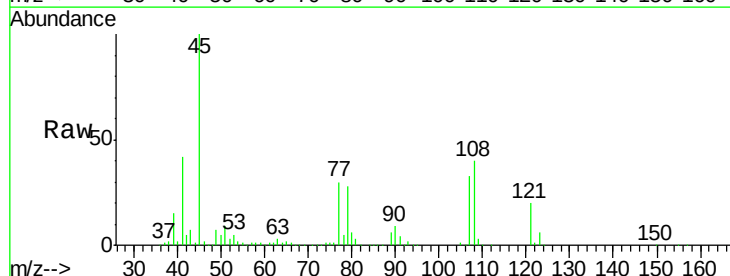
Manual Integrations
APPROVED

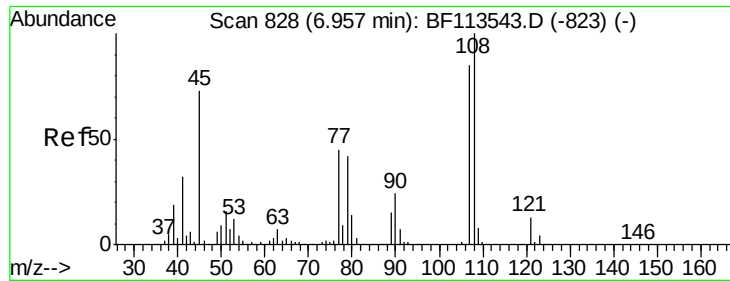
Sohil
4/16/2019 5:02:54 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.348 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Tgt Ion	Ratio	Lower	Upper
45	100		
77	29.7	0.0	36.6
79	28.2	0.0	34.0





#17

2-Methylphenol

Concen: 45.004 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

Instrument :

BNA_F

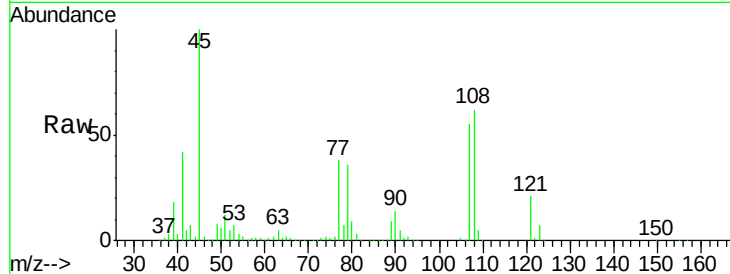
ClientSampleId :

OR-02-041219-AMS

Tgt Ion:	107	Resp:	274301
Ion Ratio	Lower	Upper	
107	100		
108	114.0	93.4	140.0
77	69.0	41.2	61.8#
79	65.8	40.1	60.1#

Manual Integrations
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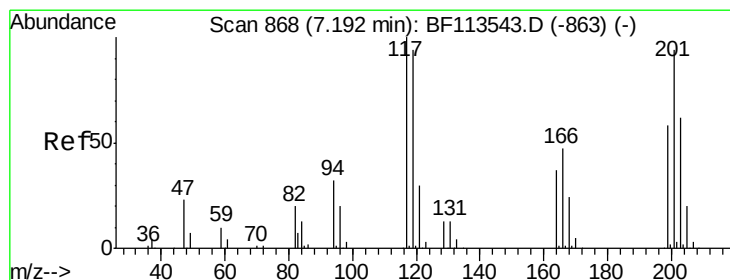
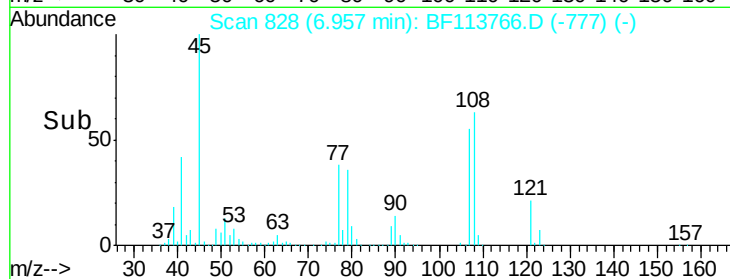
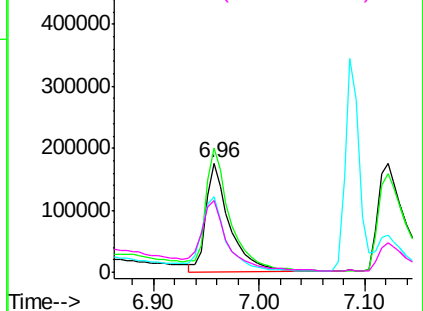
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 38.776 ng

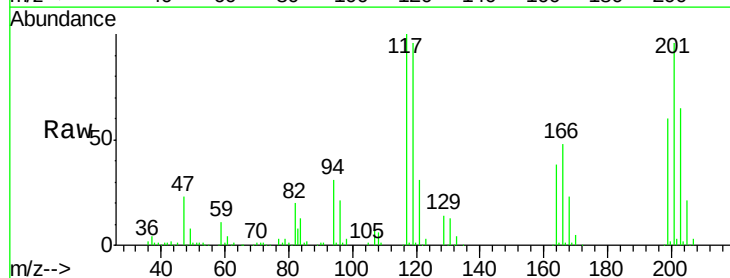
RT: 7.17 min Scan# 865

Delta R.T. -0.02 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

Tgt Ion:	117	Resp:	120802
Ion Ratio	Lower	Upper	
117	100		
119	95.7	76.9	115.3
201	95.7	78.7	118.1

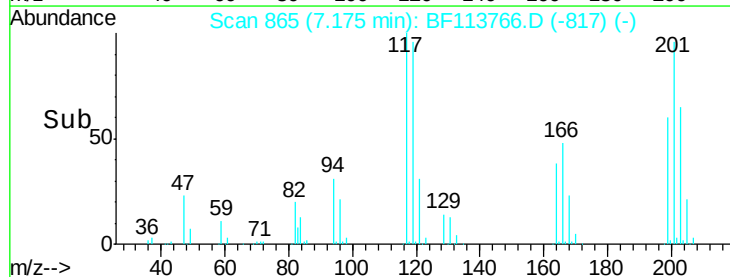
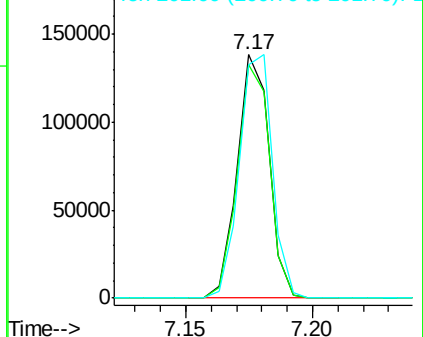


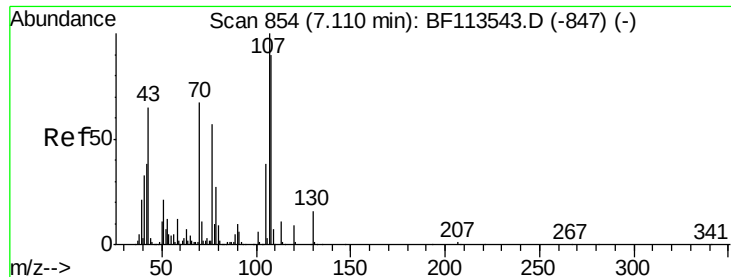
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





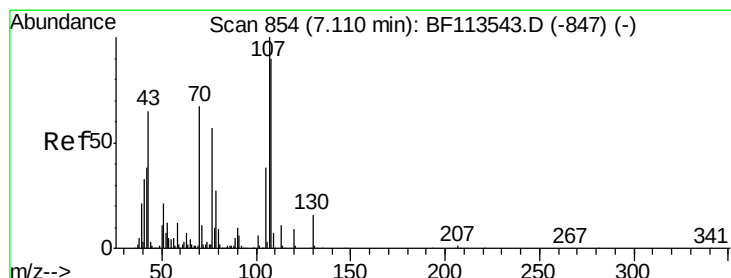
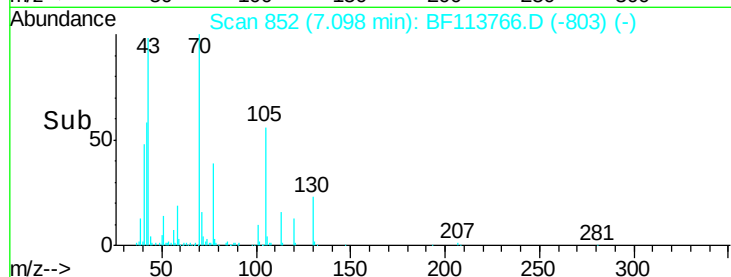
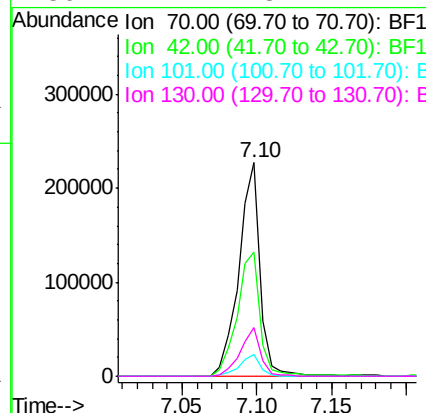
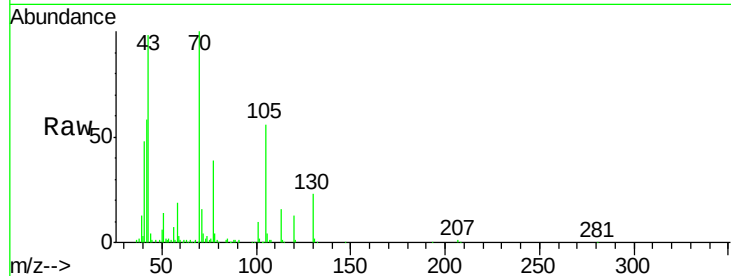
#19
n-Nitroso-di-n-propylamine
Concen: 43.817 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Instrument :
BNA_F
ClientSampleId :
OR-02-041219-AMS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	58.1	48.4	72.6
101	10.2	7.8	11.8
130	22.7	18.2	27.4

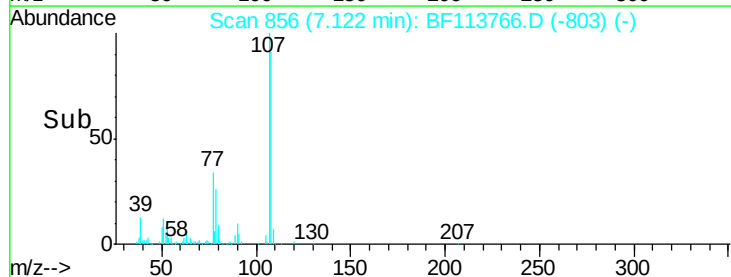
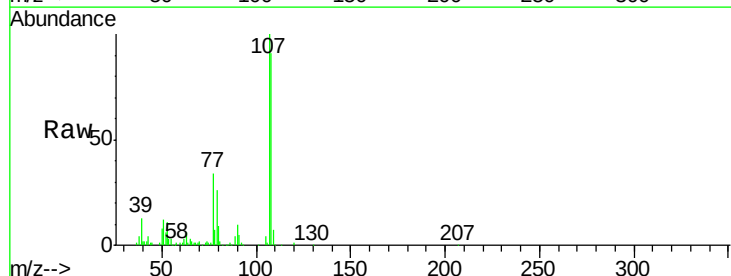
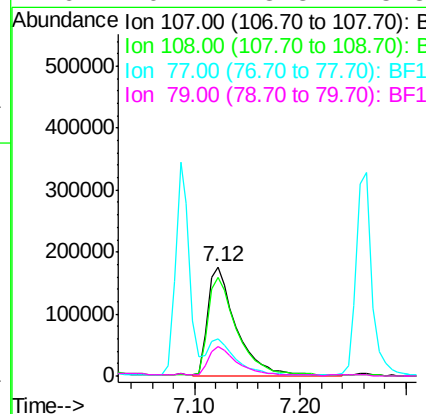
Manual Integrations
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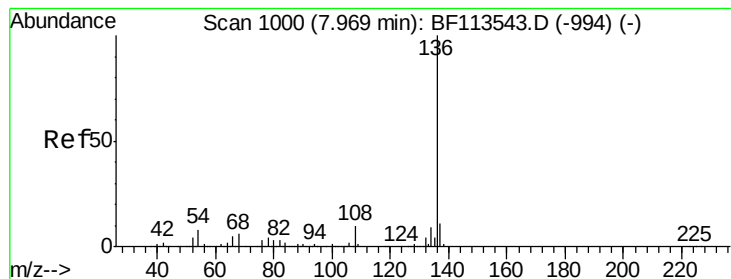
Sohil
4/16/2019 5:02:54 PM



#20
3+4-Methylphenols
Concen: 44.836 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.6	71.4	111.4
77	33.9	33.5	73.5
79	26.4	8.3	48.3





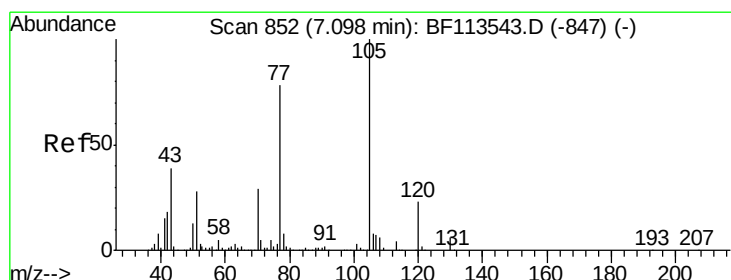
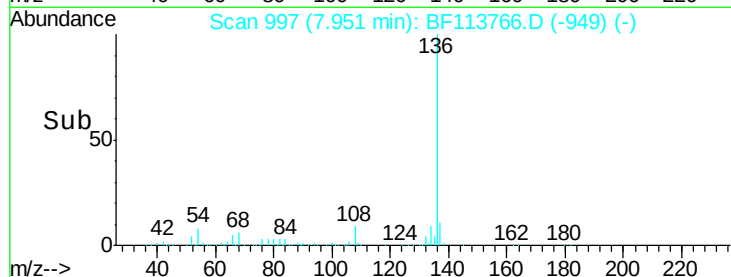
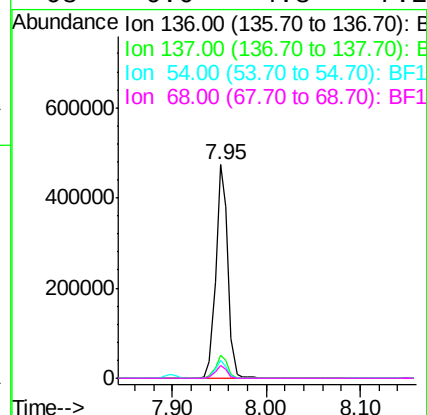
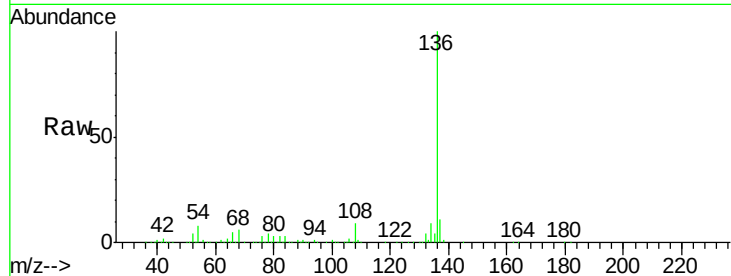
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.02 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Instrument :
BNA_F
ClientSampleId :
OR-02-041219-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	430211		
137	10.8	8.9	13.3	
54	8.2	7.0	10.6	
68	6.0	4.8	7.2	

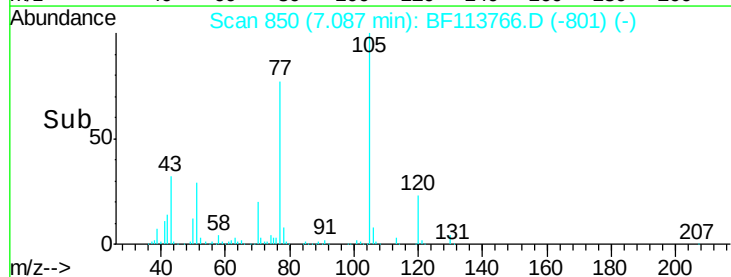
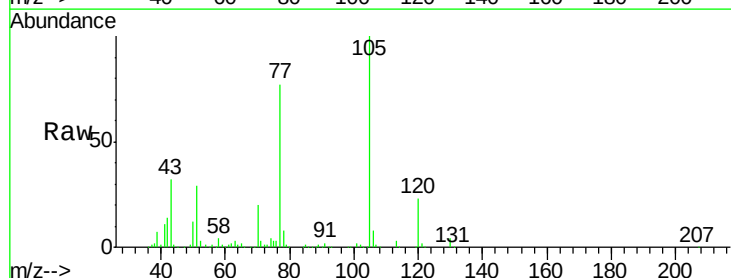
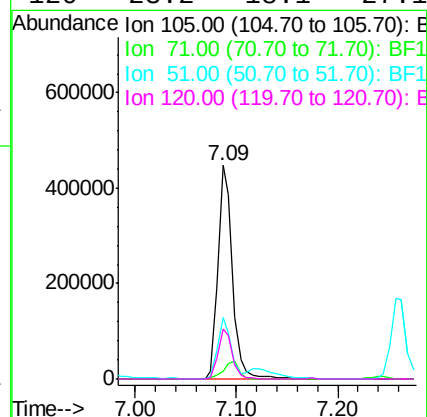
Manual Integrations
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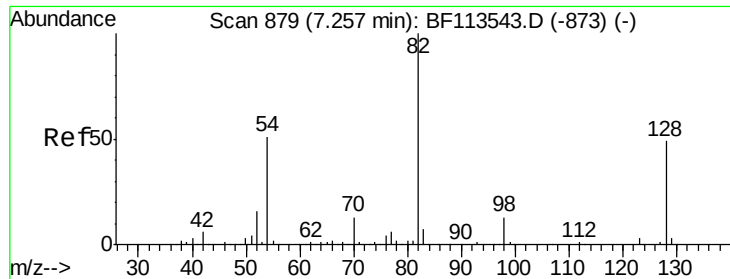
Sohil
4/16/2019 5:02:54 PM



#22
Acetophenone
Concen: 47.389 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	447770		
71	3.3	3.3	4.9	
51	28.9	24.2	36.2	
120	23.2	18.1	27.1	





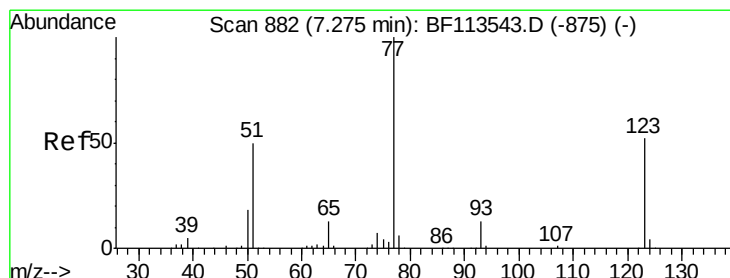
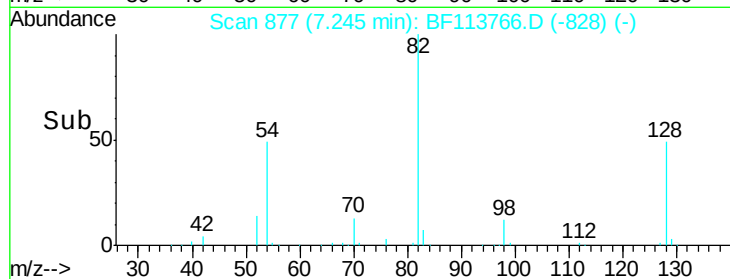
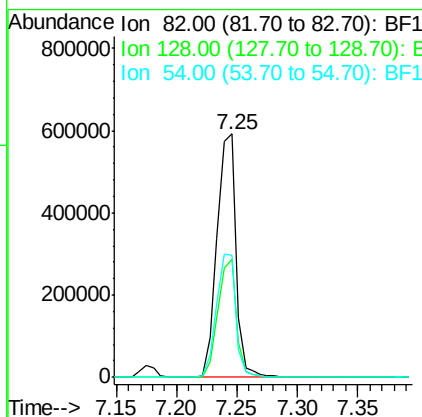
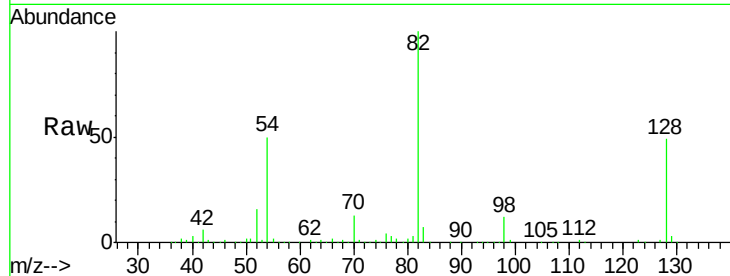
#23
 Nitrobenzene-d5
 Concen: 87.523 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF113766.D
 Acq: 15 Apr 2019 16:40

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-041219-AMS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.5	36.5	54.7
54	50.4	42.2	63.2

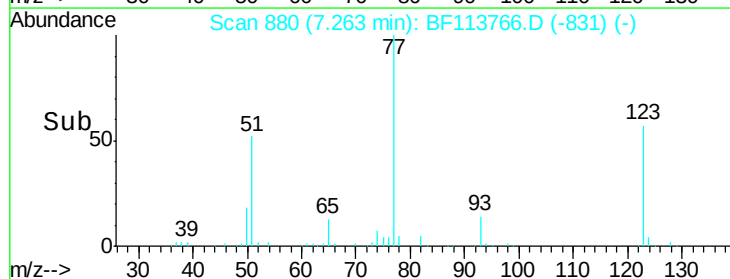
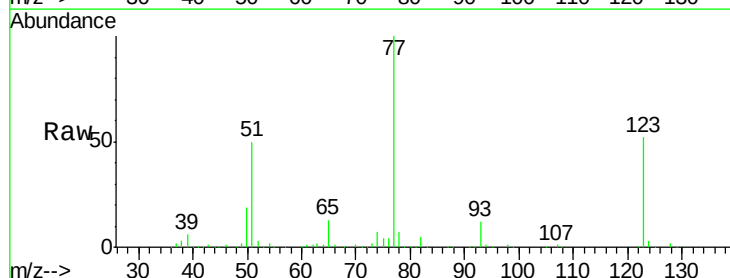
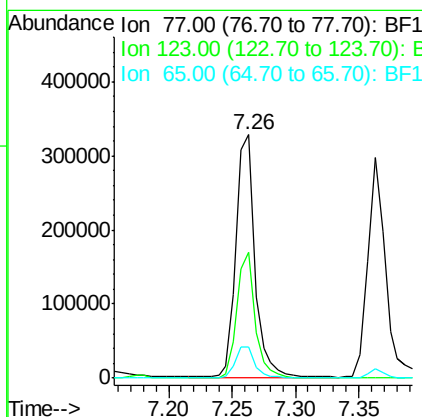
Manual Integrations
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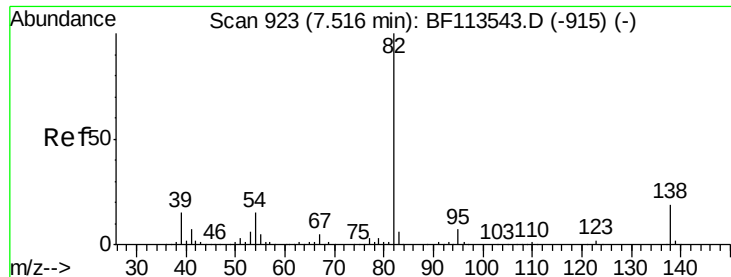
Sohil
 4/16/2019 5:02:54 PM



#24
 Nitrobenzene
 Concen: 44.565 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF113766.D
 Acq: 15 Apr 2019 16:40

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.6	40.8	61.2
65	12.9	10.6	16.0





#25

Isophorone

Concen: 43.602 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

Instrument :

BNA_F

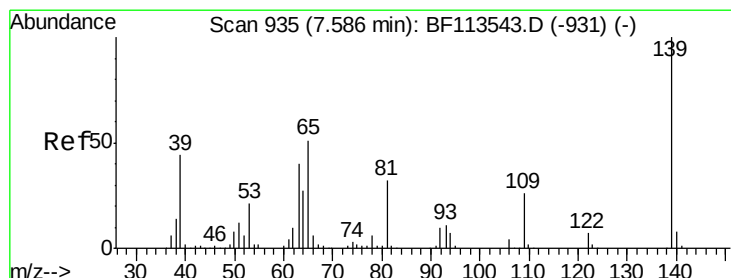
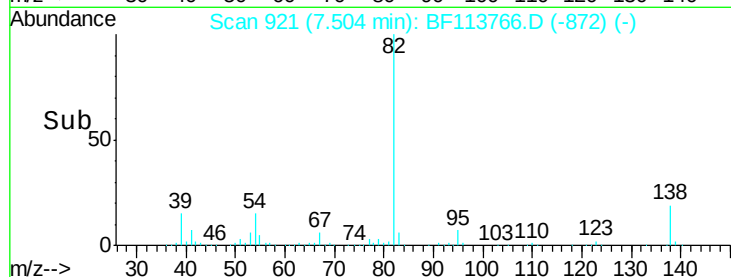
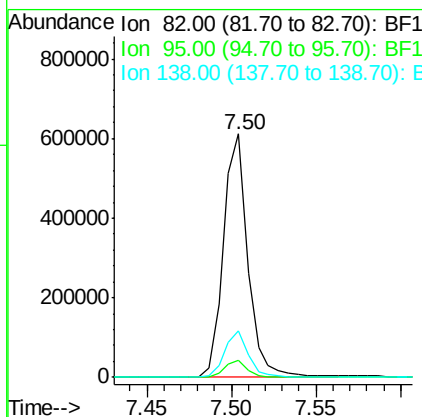
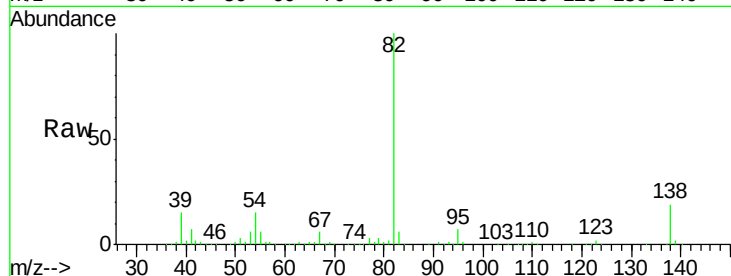
ClientSampleId :

OR-02-041219-AMS

Tgt Ion:	82	Resp:	616900
Ion Ratio		Lower	Upper
82	100		
95	7.0	5.5	8.3
138	19.1	15.2	22.8

Manual Integrations
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4/16/2019 5:02:54 PM



#26

2-Nitrophenol

Concen: 43.747 ng

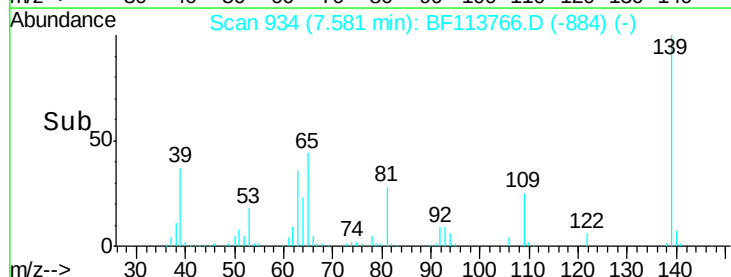
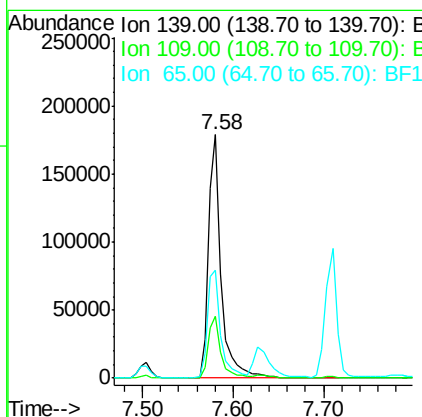
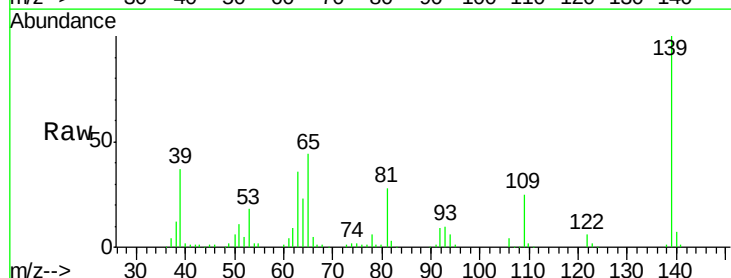
RT: 7.58 min Scan# 934

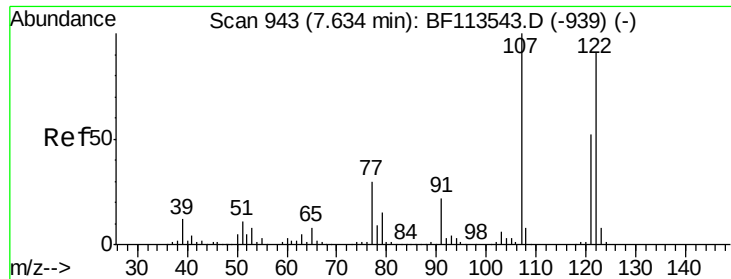
Delta R.T. -0.01 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

Tgt Ion:	139	Resp:	178087
Ion Ratio		Lower	Upper
139	100		
109	25.2	21.7	32.5
65	44.4	41.6	62.4





#27

2,4-Dimethylphenol

Concen: 50.705 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

Instrument :

BNA_F

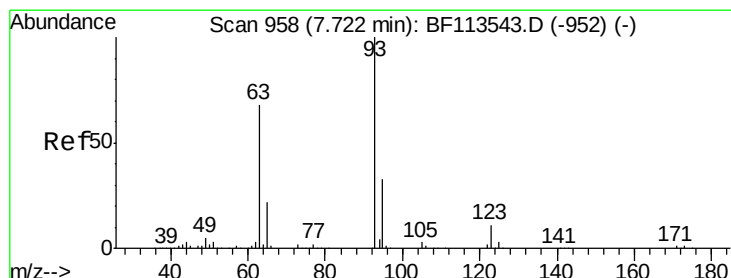
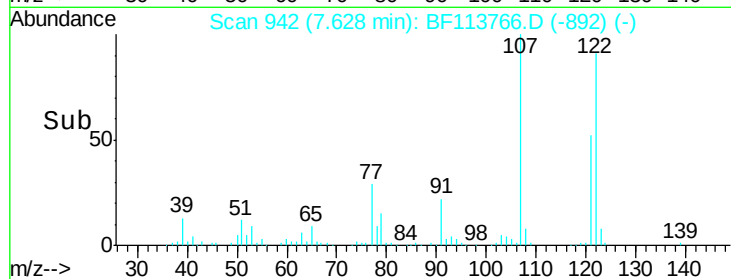
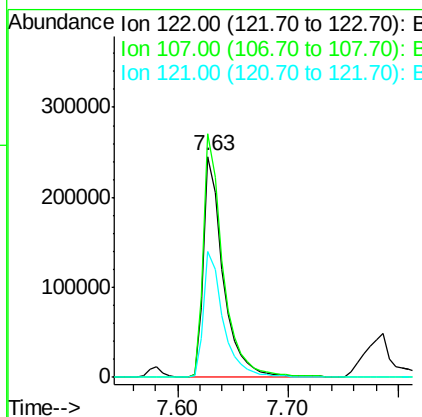
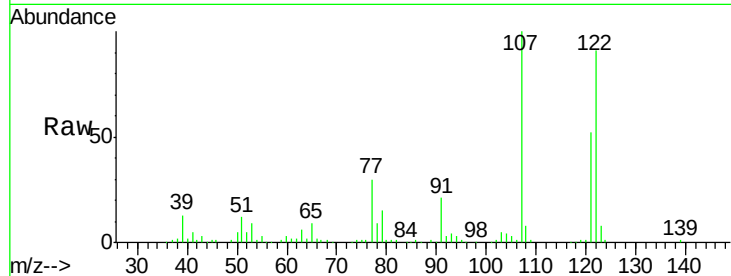
ClientSampleId :

OR-02-041219-AMS

Tgt Ion:	122	Resp:	295085
Ion Ratio	Lower	Upper	
122	100		
107	110.4	88.8	133.2
121	56.9	45.5	68.3

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#28

bis(2-Chloroethoxy)methane

Concen: 43.952 ng

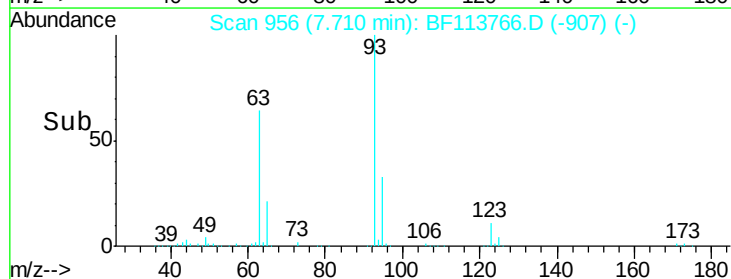
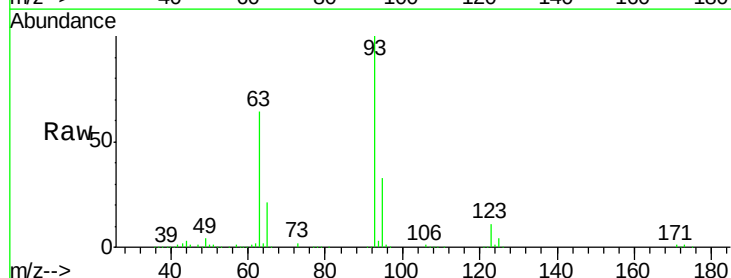
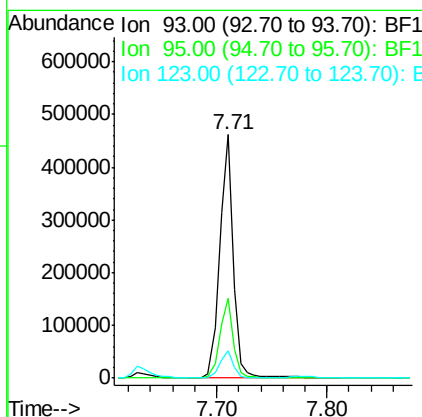
RT: 7.71 min Scan# 956

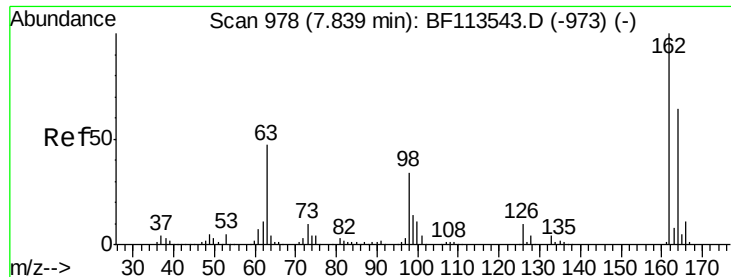
Delta R.T. -0.01 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

Tgt Ion:	93	Resp:	393151
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.0	39.0
123	11.3	9.1	13.7





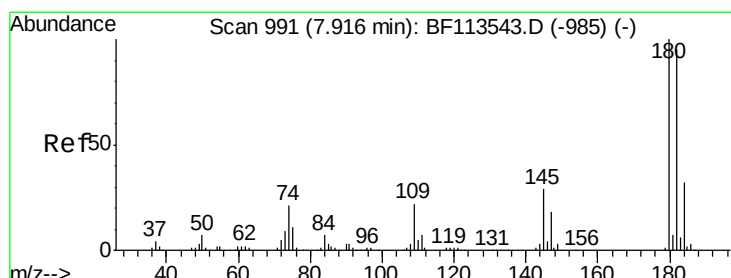
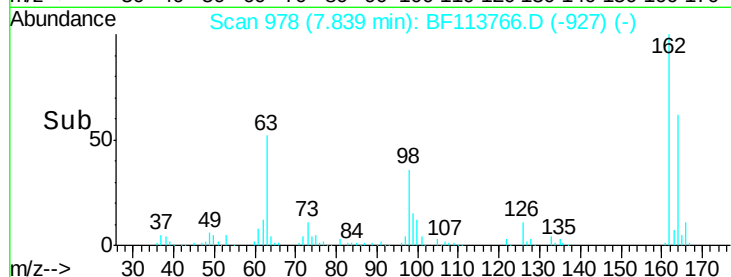
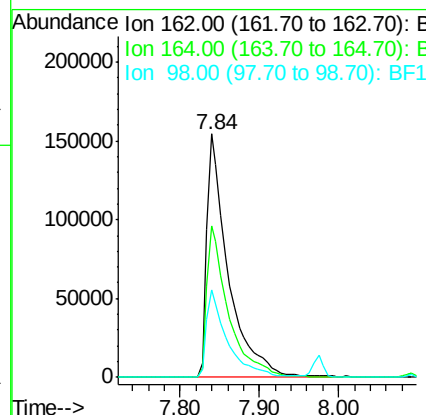
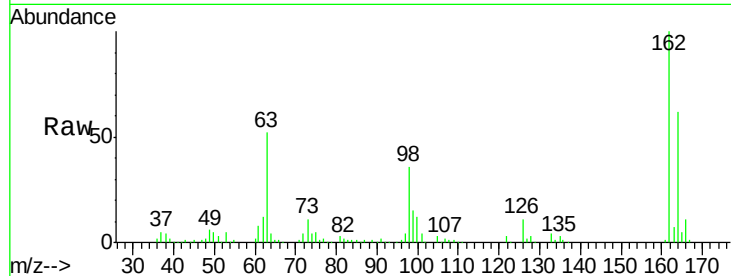
#29
2,4-Dichlorophenol
Concen: 46.842 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Instrument :
BNA_F
ClientSampleId :
OR-02-041219-AMS

Tgt Ion:	162	Resp:	291669
Ion Ratio	Lower	Upper	
162	100		
164	62.4	44.6	84.6
98	35.7	15.6	55.6

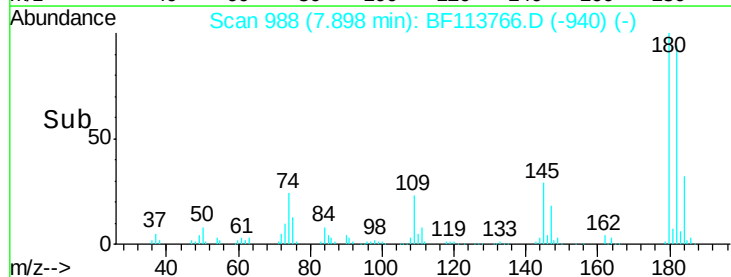
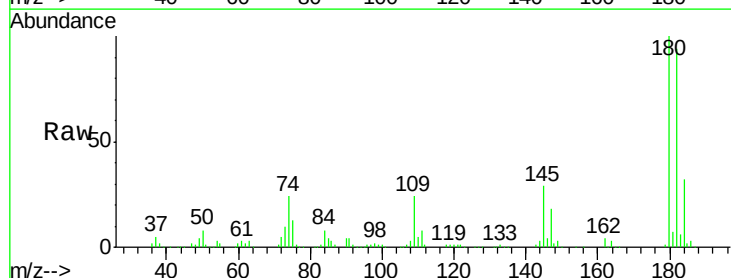
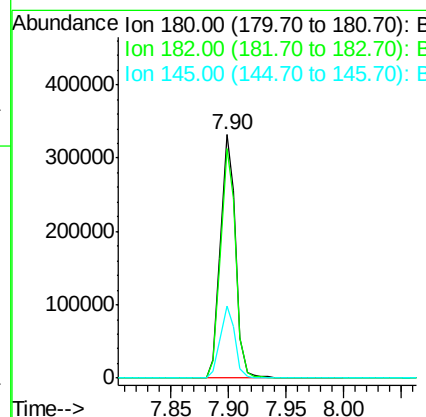
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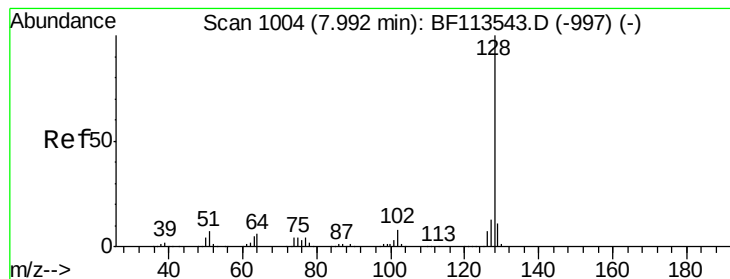
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 44.614 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.02 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Tgt Ion:	180	Resp:	301679
Ion Ratio	Lower	Upper	
180	100		
182	94.2	74.6	111.8
145	29.5	23.4	35.0





#31

Naphthalene

Concen: 45.957 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.02 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

Instrument :

BNA_F

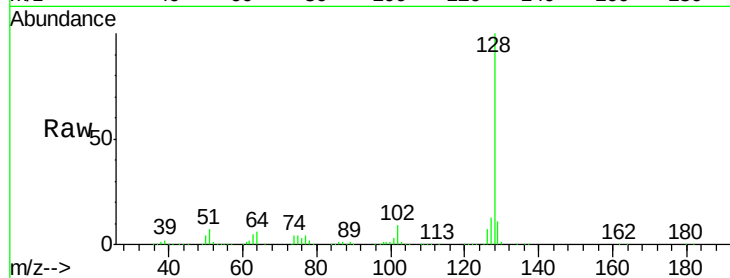
ClientSampleId :

OR-02-041219-AMS

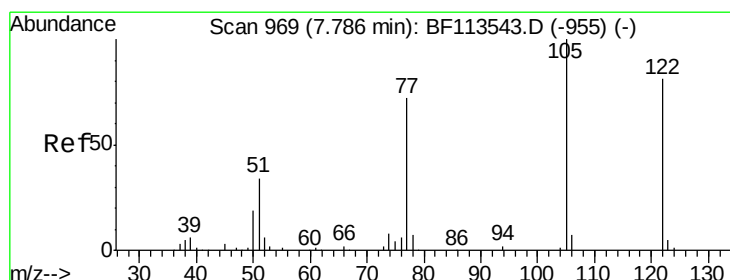
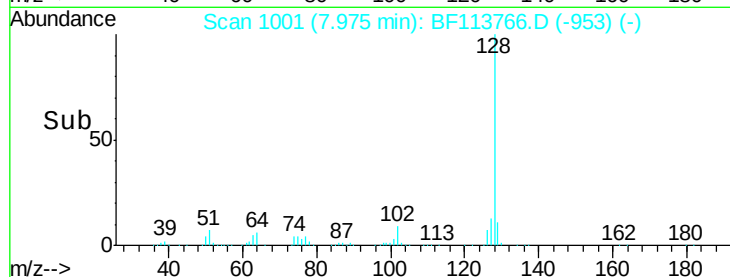
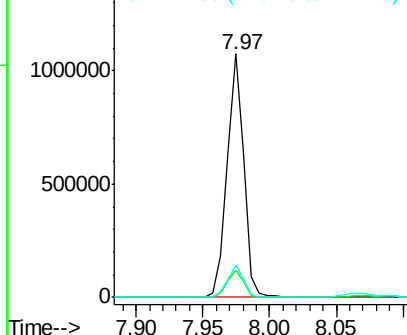
Tgt Ion:	128	Resp:	957959
Ion Ratio	Lower	Upper	
128	100		
129	11.2	9.3	13.9
127	13.3	10.9	16.3

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



#32

Benzoic acid

Concen: 19.836 ng

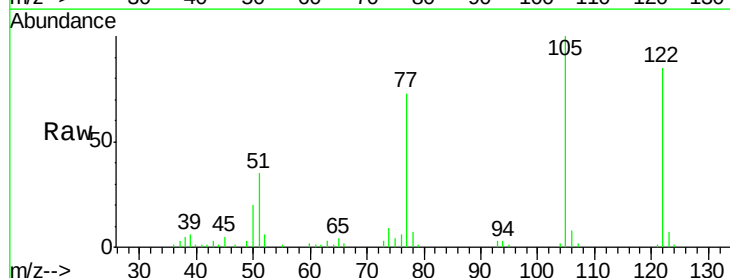
RT: 7.79 min Scan# 969

Delta R.T. 0.00 min

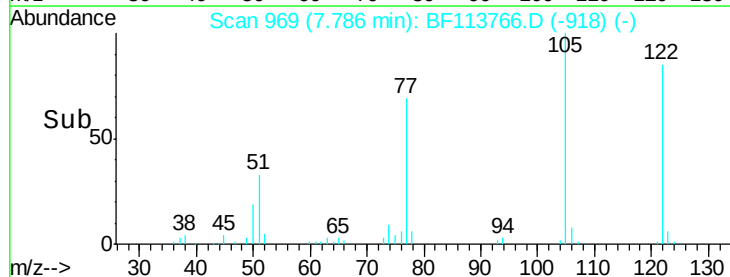
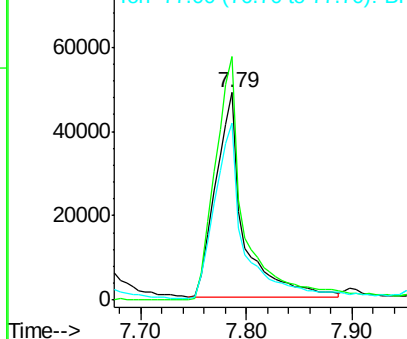
Lab File: BF113766.D

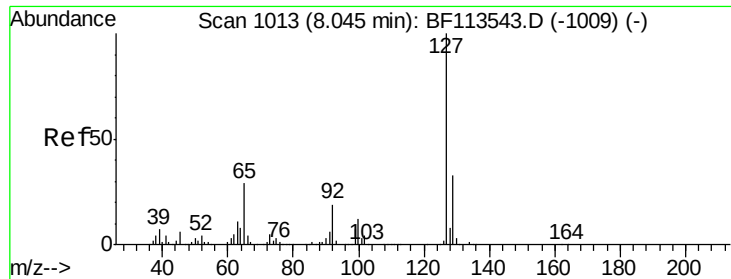
Acq: 15 Apr 2019 16:40

Tgt Ion:	122	Resp:	89388
Ion Ratio	Lower	Upper	
122	100		
105	117.5	100.4	140.4
77	85.7	69.0	109.0



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





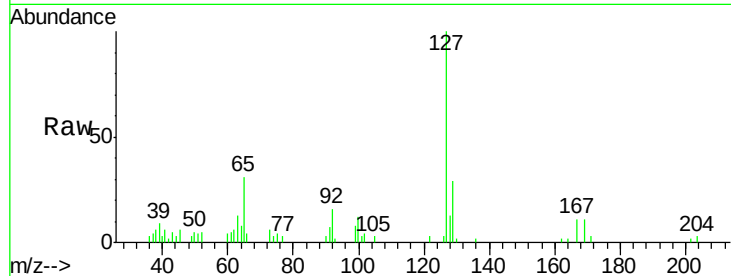
#33
4-Chloroaniline
Concen: 6.340 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.02 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Instrument :
BNA_F
ClientSampleId :
OR-02-041219-AMS

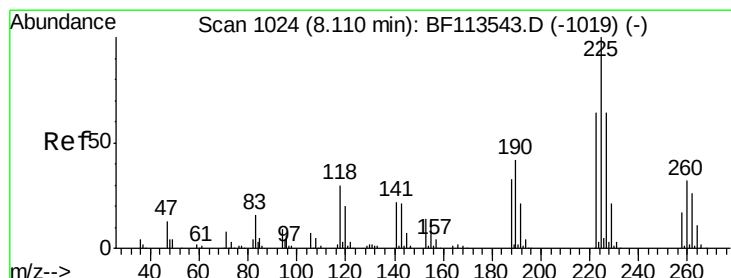
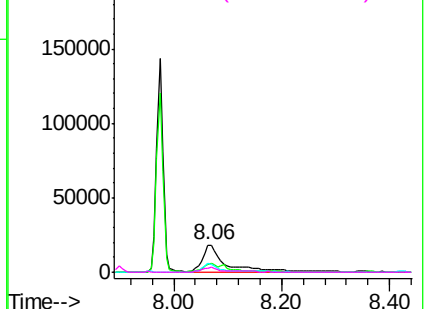
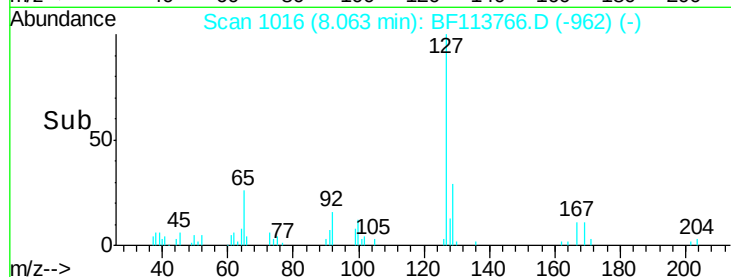
Tgt Ion:	127	Resp:	52404
Ion Ratio	Lower	Upper	
127	100		
129	28.9	26.3	39.5
65	30.6	24.2	36.4
92	16.4	15.0	22.6

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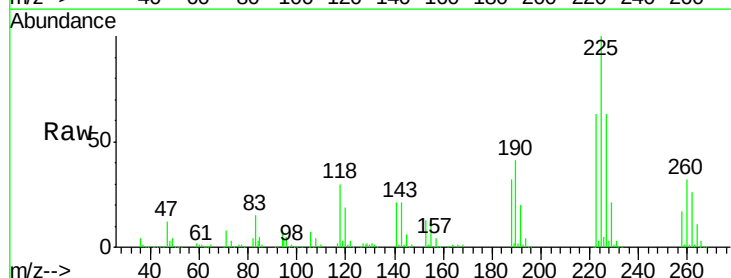


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

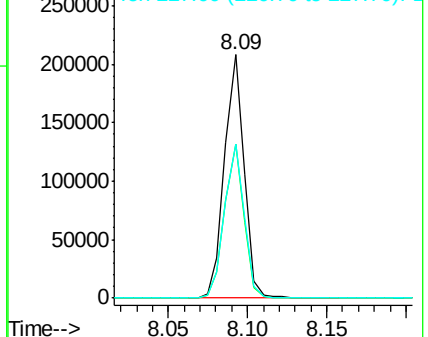
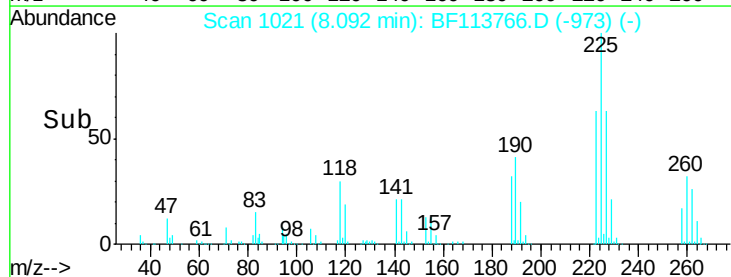


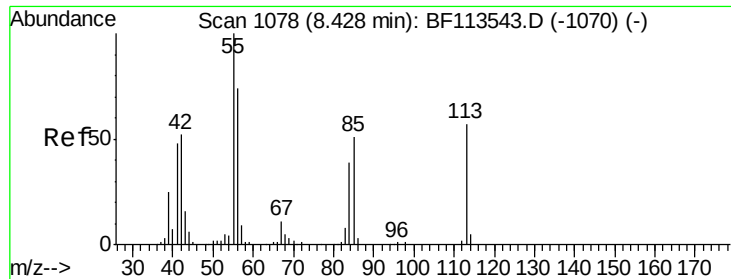
#34
Hexachlorobutadiene
Concen: 43.340 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.02 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Tgt Ion:	225	Resp:	178672
Ion Ratio	Lower	Upper	
225	100		
223	63.0	51.4	77.2
227	63.2	51.1	76.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





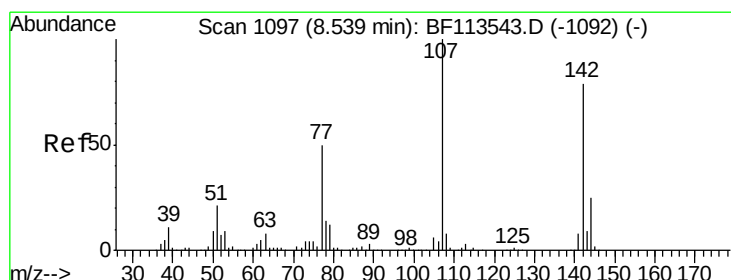
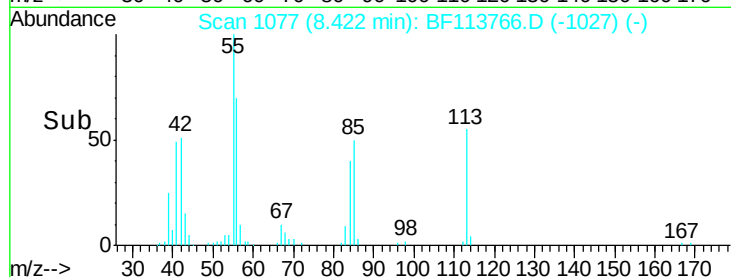
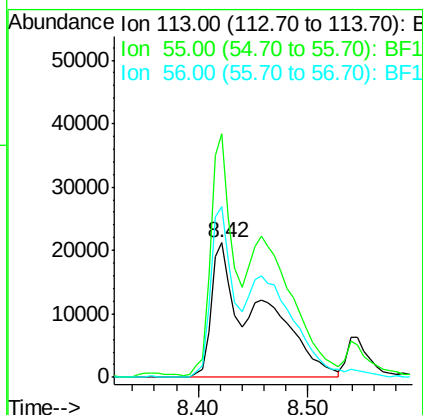
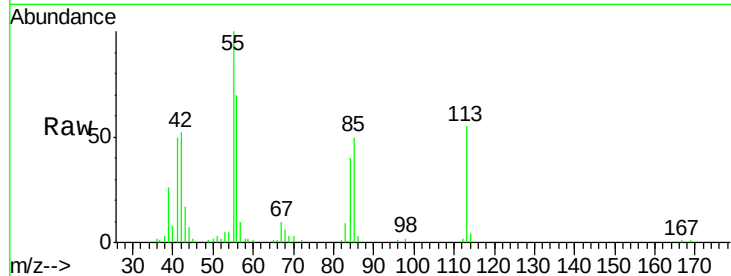
#35
 Caprolactam
 Concen: 32.665 ng m
 RT: 8.42 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: BF113766.D
 Acq: 15 Apr 2019 16:40

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-041219-AMS

Tgt Ion:113 Resp: 64565
 Ion Ratio Lower Upper
 113 100
 55 181.2 152.7 192.7
 56 127.4 108.3 148.3

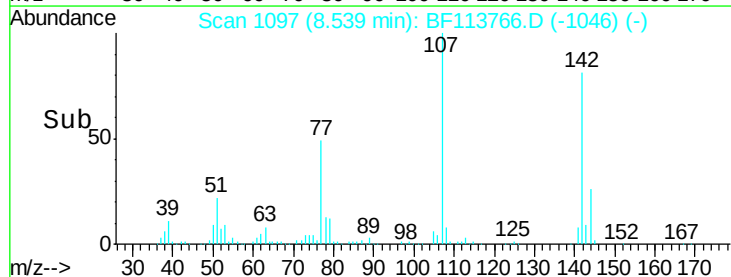
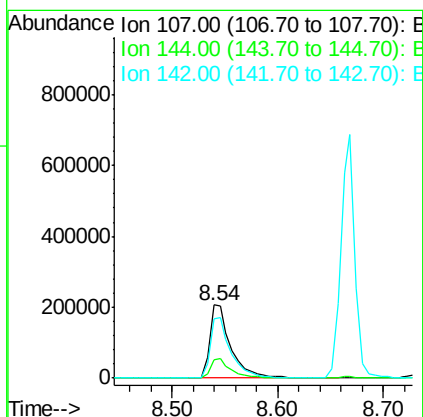
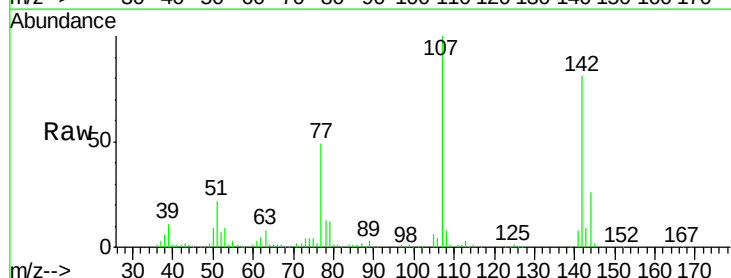
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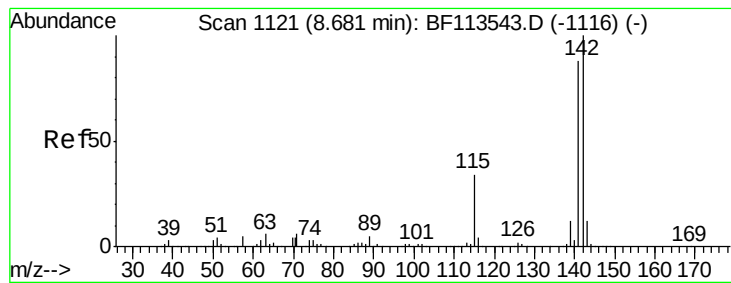
Sohil
 4/16/2019 5:02:54 PM



#36
 4-Chloro-3-methylphenol
 Concen: 45.677 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF113766.D
 Acq: 15 Apr 2019 16:40

Tgt Ion:107 Resp: 285509
 Ion Ratio Lower Upper
 107 100
 144 25.6 21.4 32.0
 142 81.0 65.6 98.4





#37

2-Methylnaphthalene

Concen: 46.955 ng

RT: 8.67 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

Instrument :

BNA_F

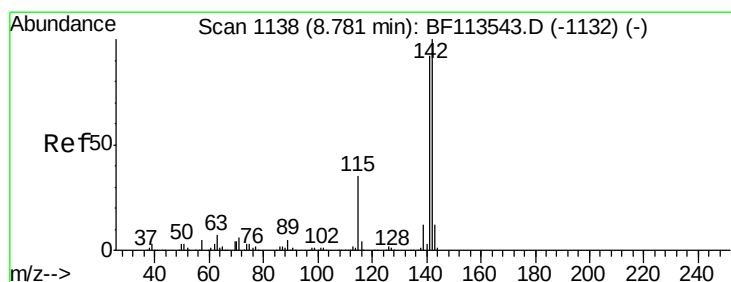
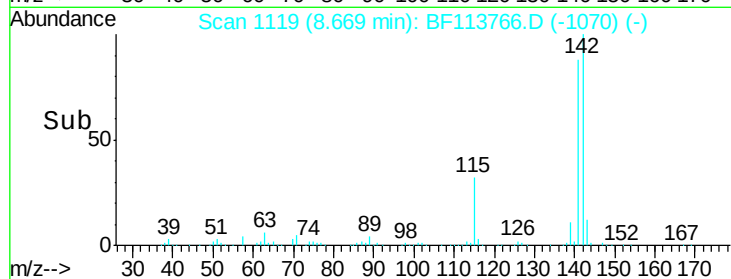
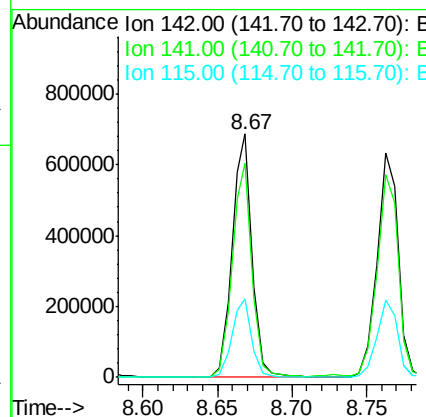
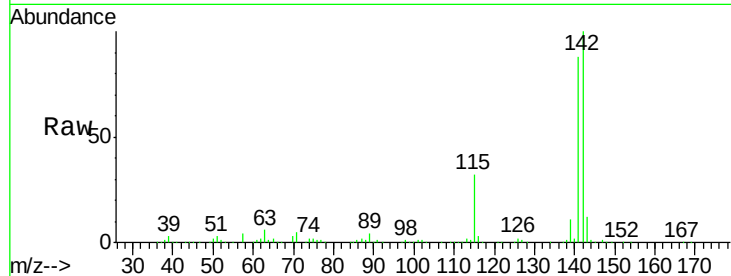
ClientSampleId :

OR-02-041219-AMS

Tgt Ion:	142	Resp:	643736
Ion Ratio	Lower	Upper	
142	100		
141	88.2	71.0	106.6
115	32.0	26.6	39.8

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#38

1-Methylnaphthalene

Concen: 46.114 ng

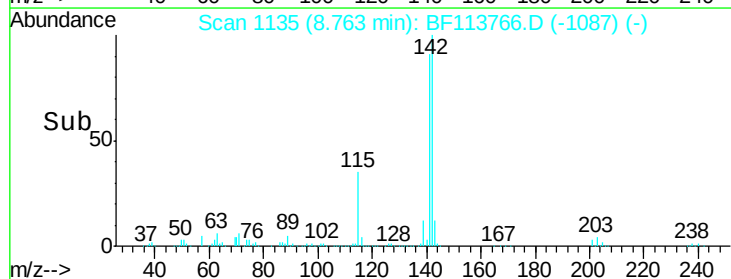
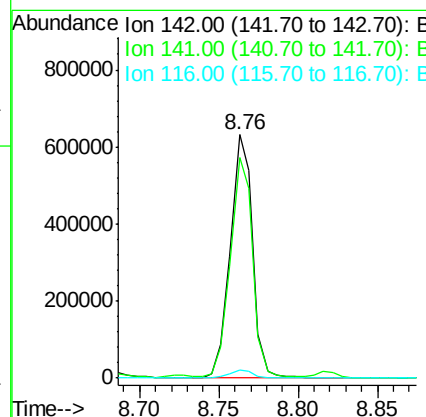
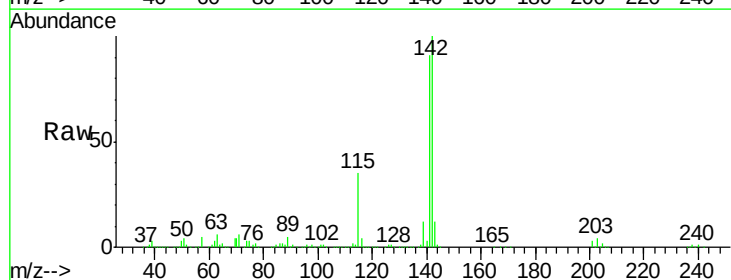
RT: 8.76 min Scan# 1135

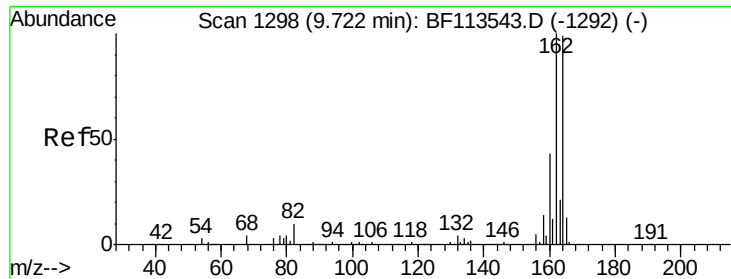
Delta R.T. -0.02 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

Tgt Ion:	142	Resp:	609603
Ion Ratio	Lower	Upper	
142	100		
141	90.6	73.2	109.8
116	3.5	3.0	4.4





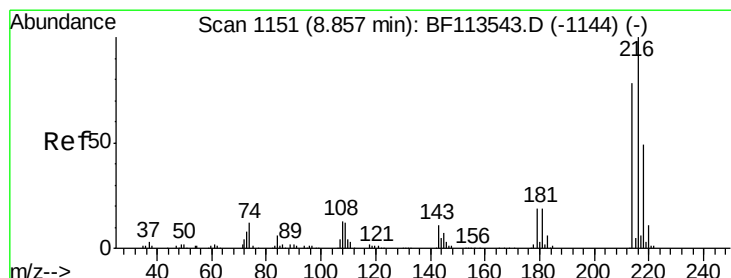
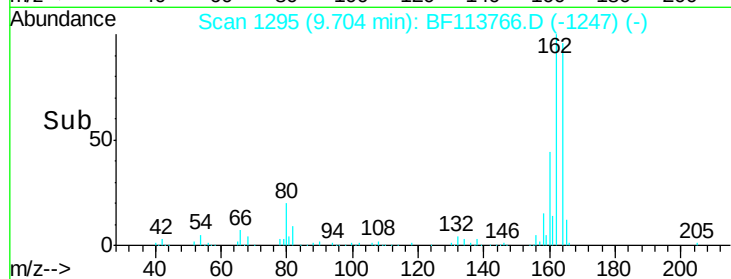
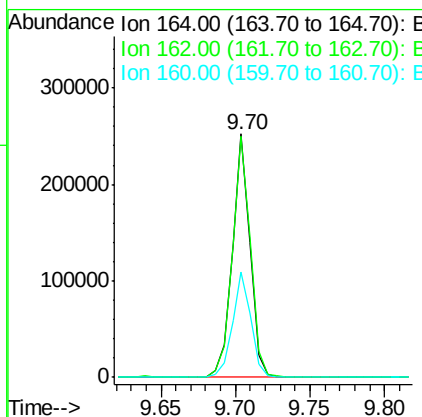
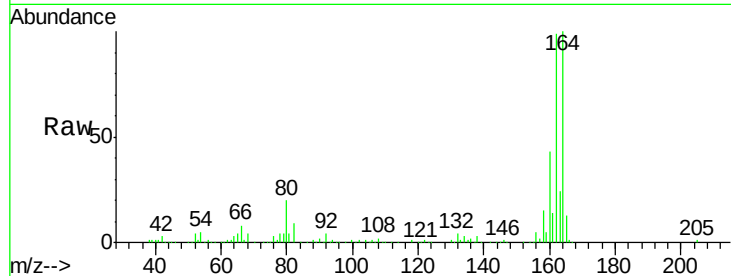
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.02 min
 Lab File: BF113766.D
 Acq: 15 Apr 2019 16:40

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-041219-AMS

Tgt Ion:	164	Resp:	211466
Ion Ratio	Lower	Upper	
164	100		
162	99.1	81.8	122.6
160	43.4	36.4	54.6

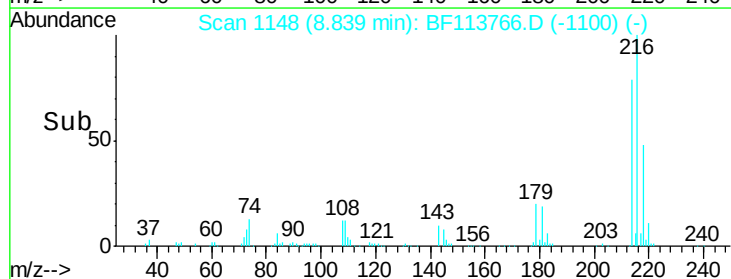
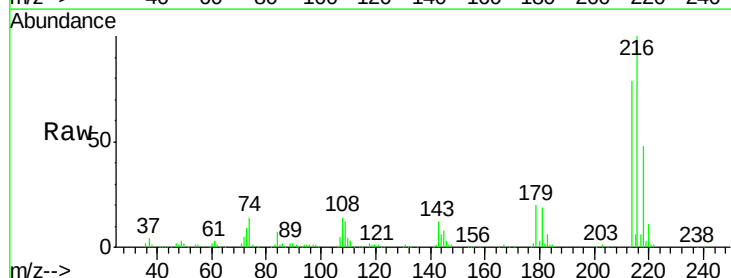
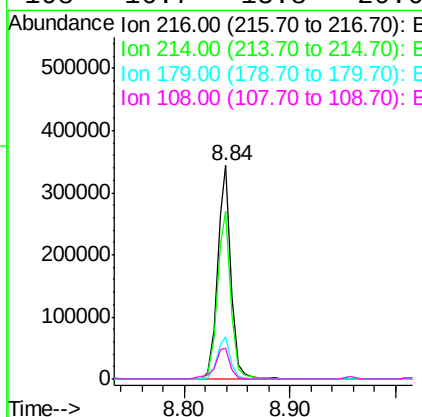
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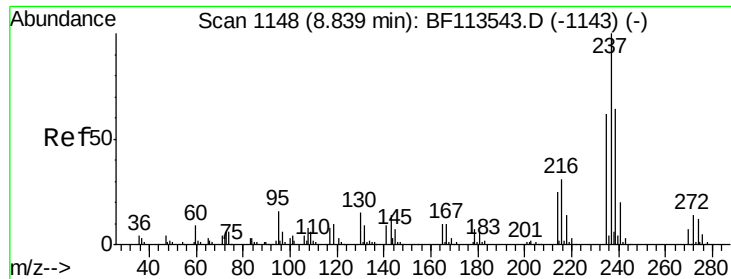
Sohil
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.159 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. -0.02 min
 Lab File: BF113766.D
 Acq: 15 Apr 2019 16:40

Tgt Ion:	216	Resp:	308846
Ion Ratio	Lower	Upper	
216	100		
214	79.5	63.0	94.6
179	20.1	16.8	25.2
108	16.7	13.8	20.6





#41

Hexachlorocyclopentadiene

Concen: 59.031 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.02 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

Instrument :

BNA_F

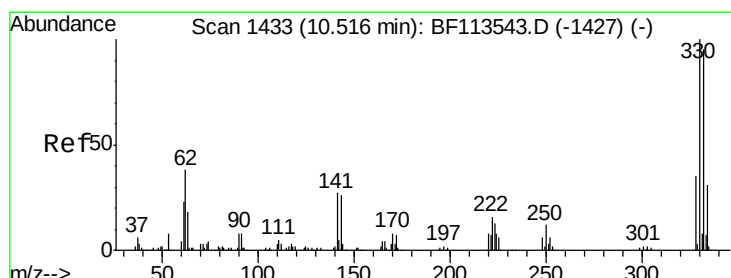
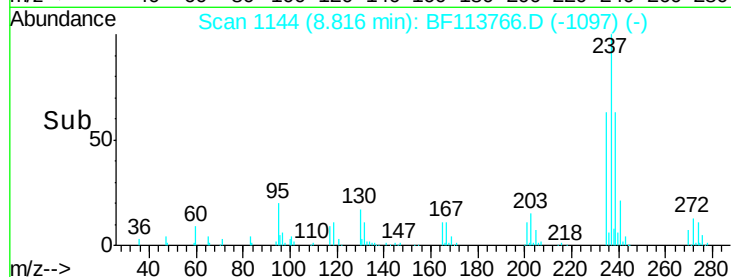
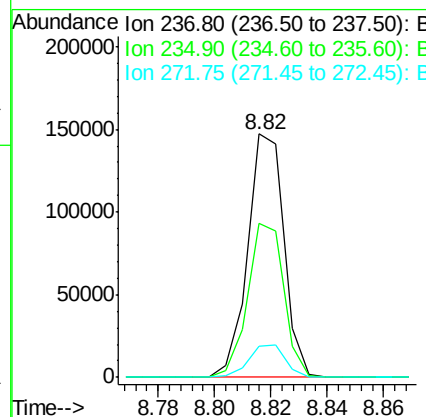
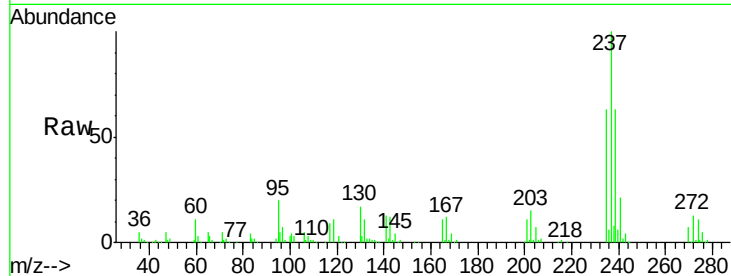
ClientSampleId :

OR-02-041219-AMS

Tgt Ion:	237	Resp:	131154
Ion Ratio		Lower	Upper
237	100		
235	63.0	43.4	83.4
272	12.5	0.0	33.7

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 137.266 ng

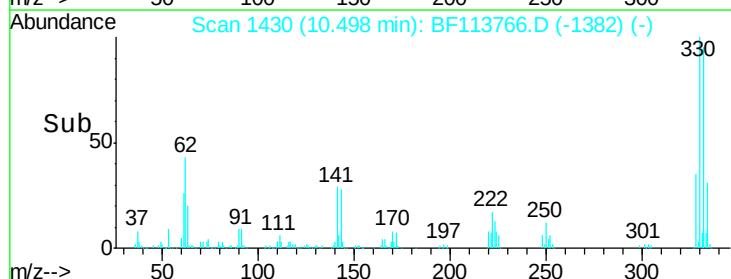
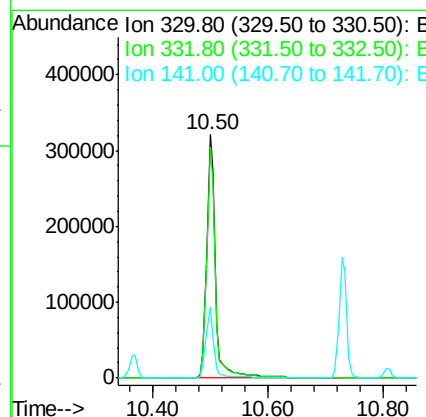
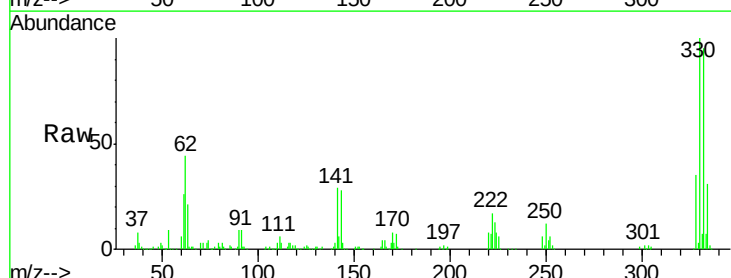
RT: 10.50 min Scan# 1430

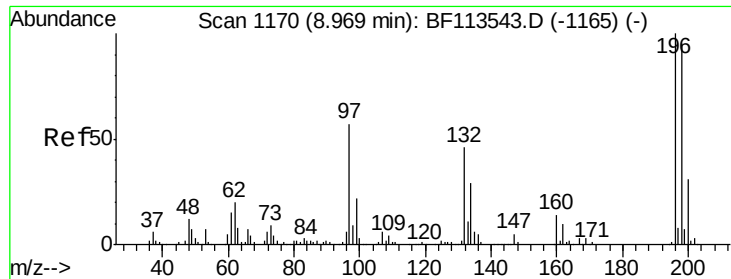
Delta R.T. -0.02 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

Tgt Ion:	330	Resp:	348687
Ion Ratio		Lower	Upper
330	100		
332	92.7	77.8	116.6
141	26.2	22.7	34.1





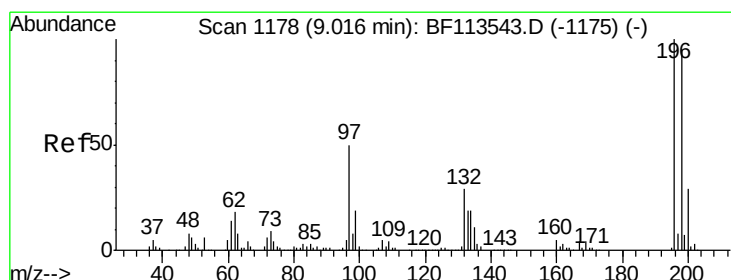
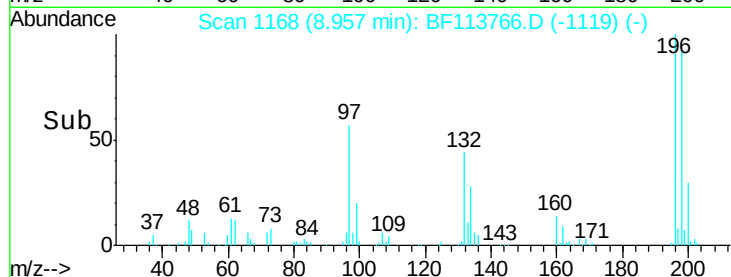
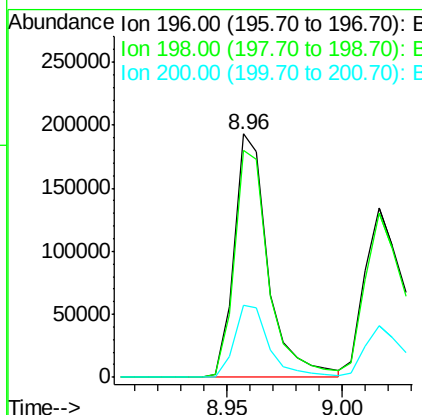
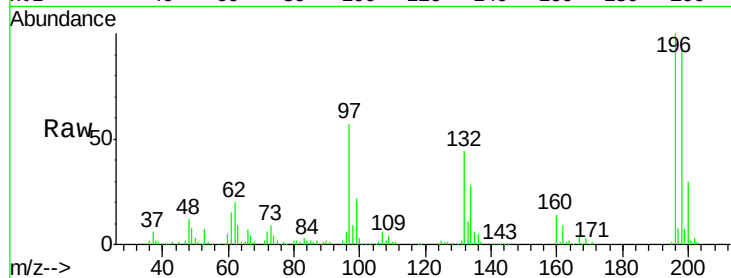
#43
 2,4,6-Trichlorophenol
 Concen: 45.918 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF113766.D
 Acq: 15 Apr 2019 16:40

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-041219-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	198226		
198	93.0	77.7	116.5	
200	29.6	24.9	37.3	

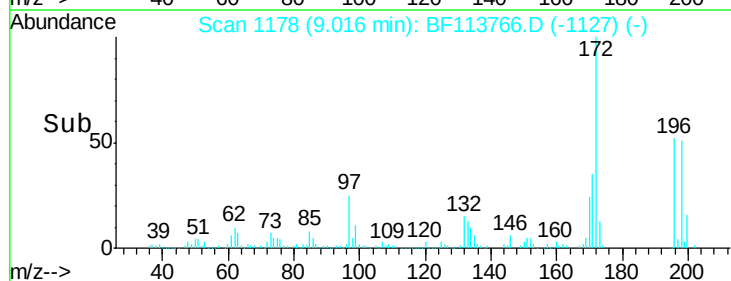
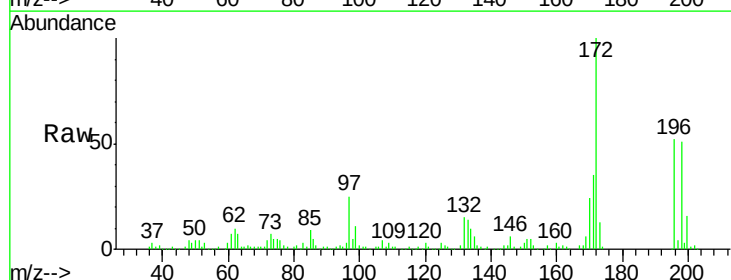
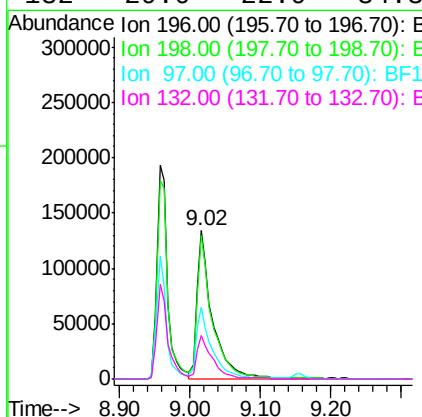
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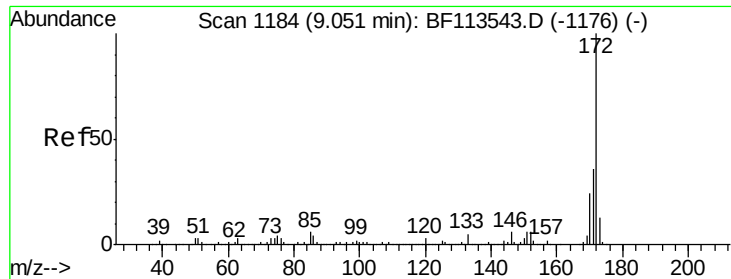
Sohil
 4/16/2019 5:02:54 PM



#44
 2,4,5-Trichlorophenol
 Concen: 44.790 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF113766.D
 Acq: 15 Apr 2019 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	207583		
198	96.8	75.4	113.2	
97	48.3	38.6	58.0	
132	29.0	22.9	34.3	





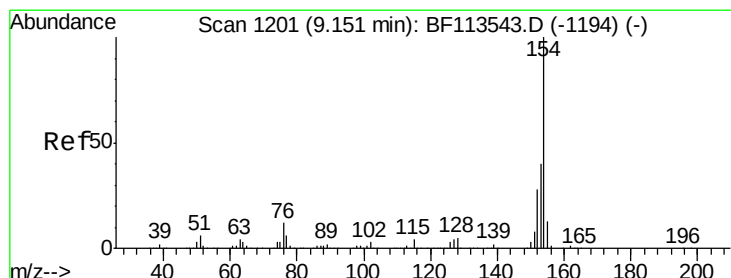
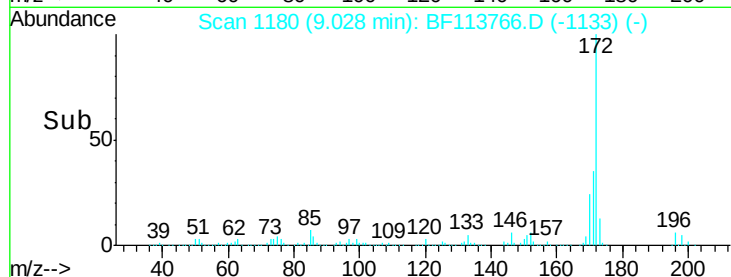
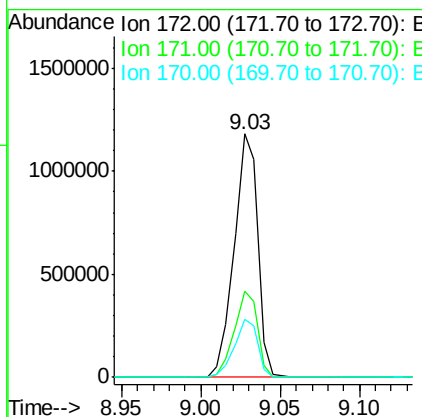
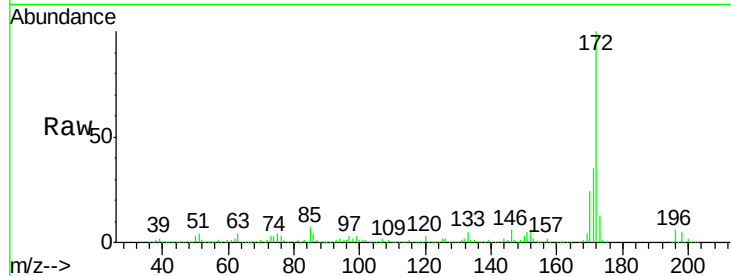
#45
2-Fluorobiphenyl
Concen: 92.639 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Instrument :
BNA_F
ClientSampleId :
OR-02-041219-AMS

Tgt Ion:172 Resp: 1216852
Ion Ratio Lower Upper
172 100
171 35.4 29.0 43.6
170 24.0 19.5 29.3

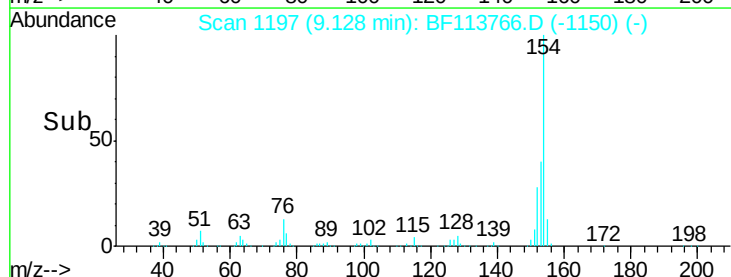
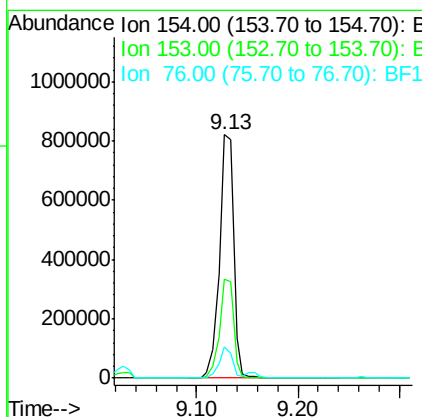
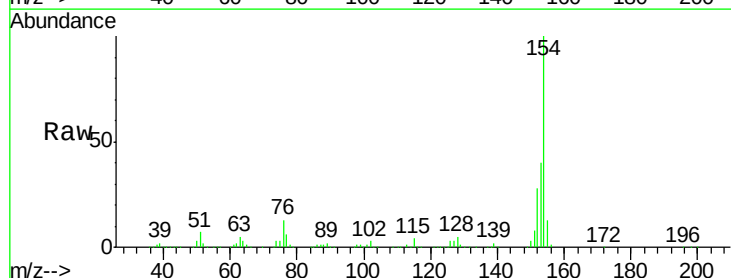
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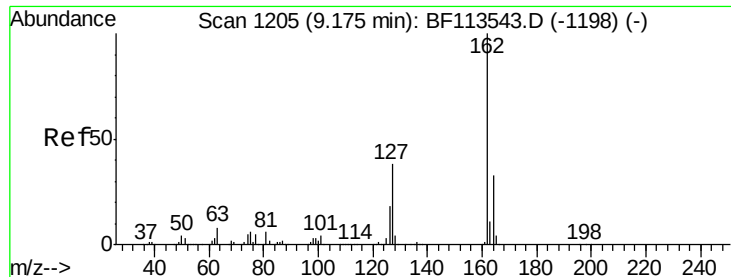
Sohil
4/16/2019 5:02:54 PM



#46
1,1'-Biphenyl
Concen: 45.917 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Tgt Ion:154 Resp: 801249
Ion Ratio Lower Upper
154 100
153 40.5 20.8 60.8
76 12.7 0.0 31.9





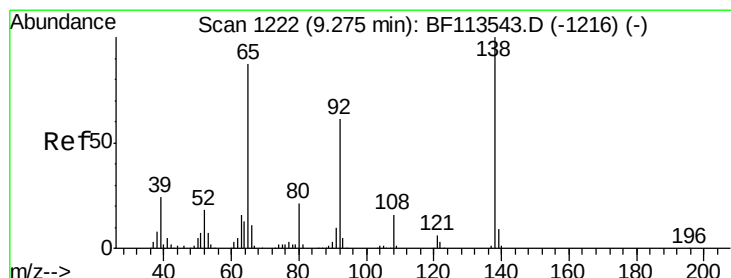
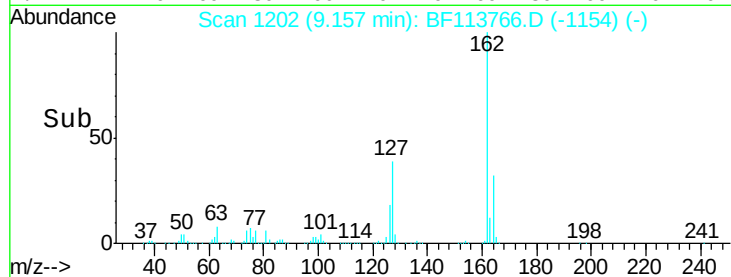
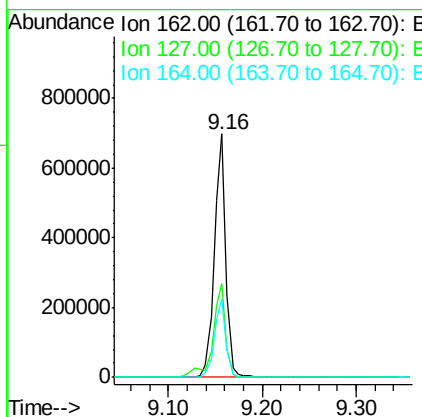
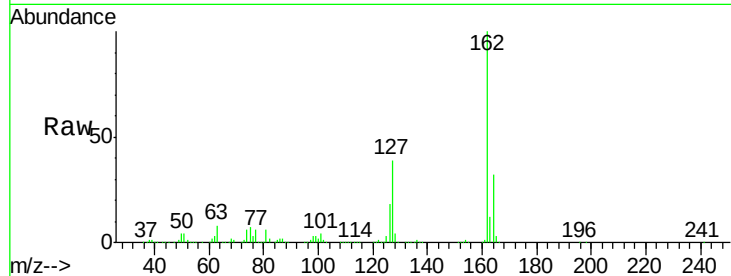
#47
 2-Chloronaphthalene
 Concen: 45.530 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BF113766.D
 Acq: 15 Apr 2019 16:40

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-041219-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	601544		
127	38.6	32.6	49.0	
164	32.5	26.6	39.8	

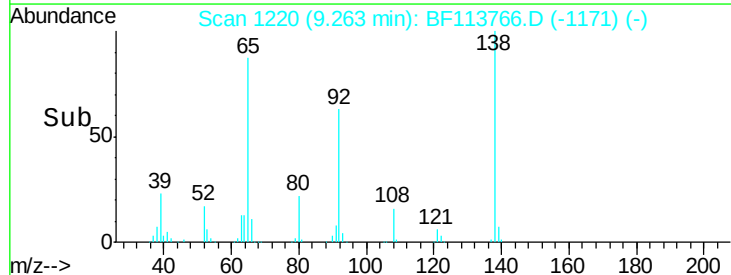
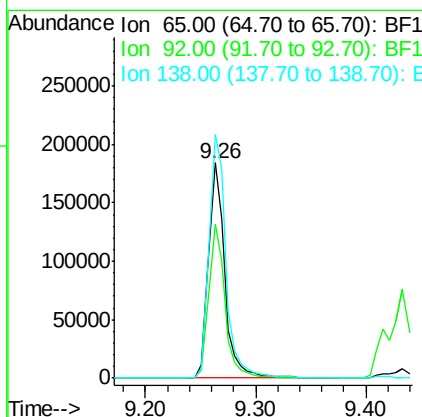
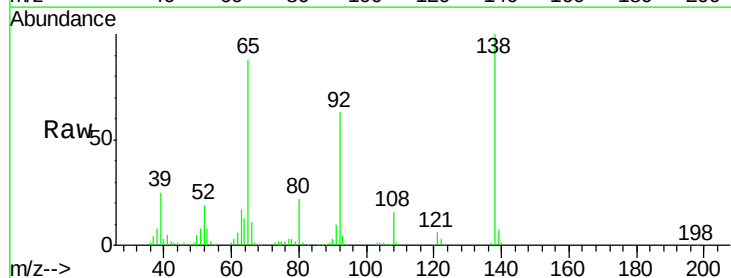
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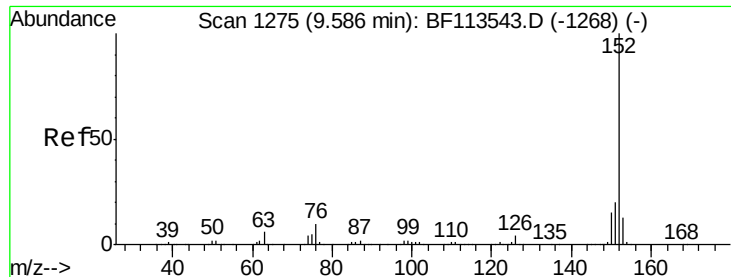
Sohil
 4/16/2019 5:02:54 PM



#48
 2-Nitroaniline
 Concen: 45.280 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF113766.D
 Acq: 15 Apr 2019 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	183057		
92	71.9	56.8	85.2	
138	113.3	92.3	138.5	





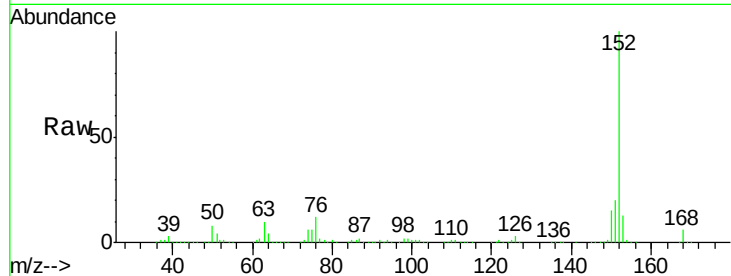
#49
Acenaphthylene
Concen: 44.274 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.02 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Instrument :
BNA_F
ClientSampleId :
OR-02-041219-AMS

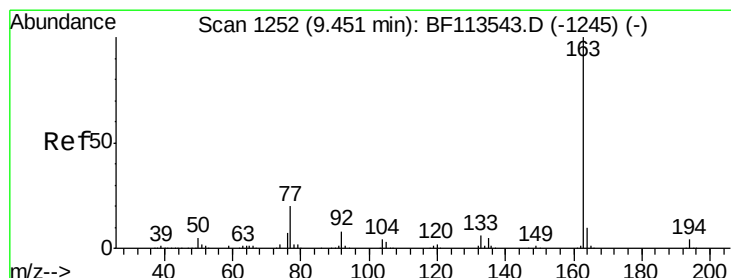
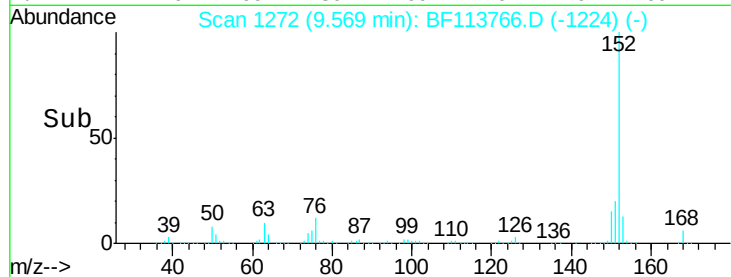
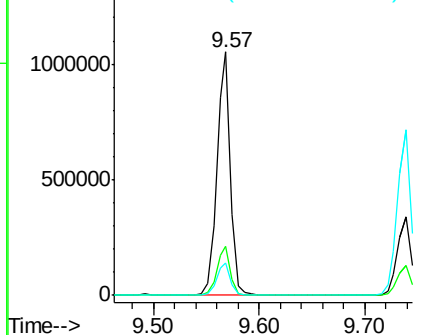
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.4
153	13.4	11.0	16.6

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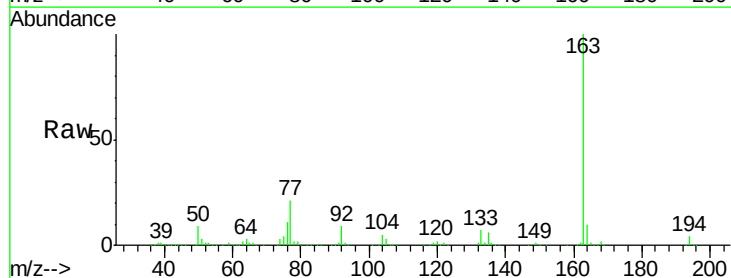


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

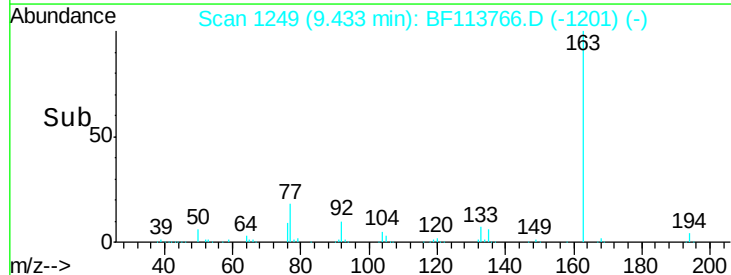
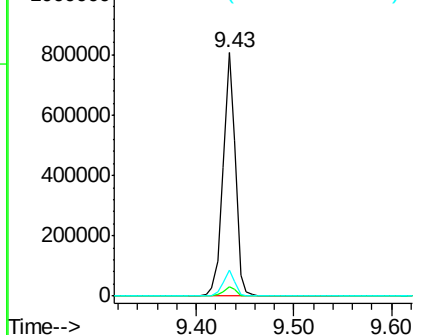


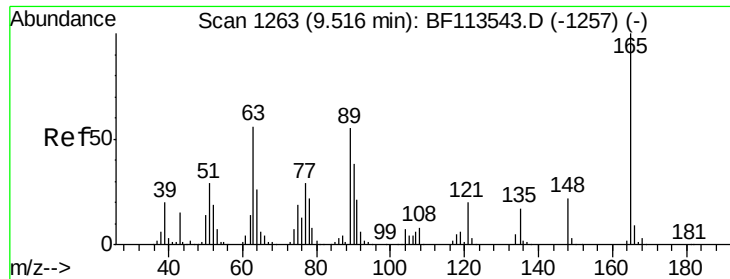
#50
Dimethylphthalate
Concen: 45.160 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.02 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.5	8.1	12.1



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





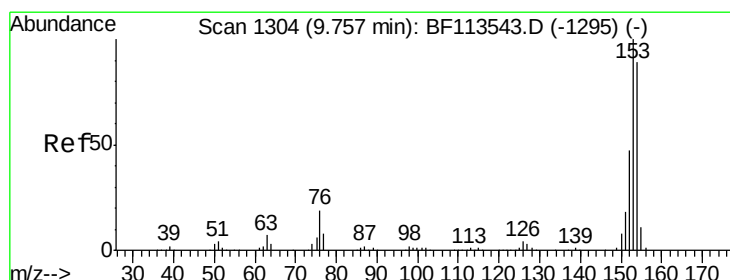
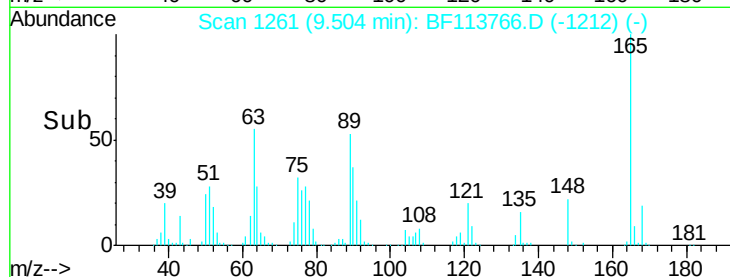
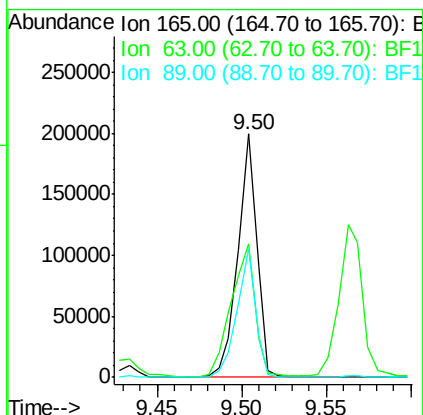
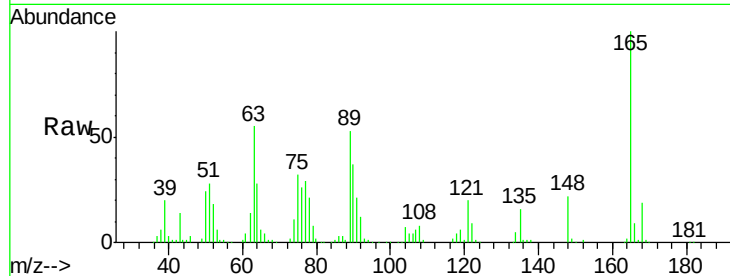
#51
2,6-Dinitrotoluene
Concen: 45.688 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Instrument :
BNA_F
ClientSampleId :
OR-02-041219-AMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	55.1	43.4	65.0
89	52.9	43.1	64.7

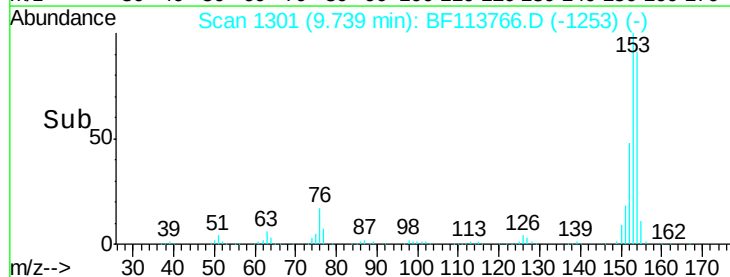
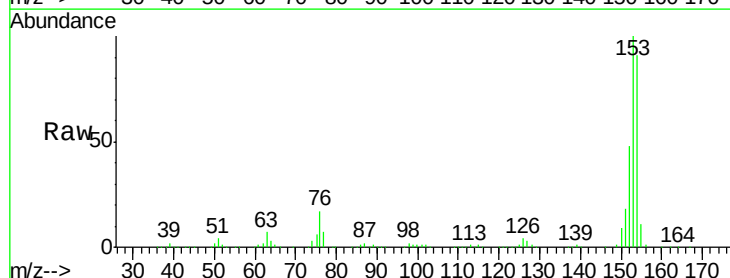
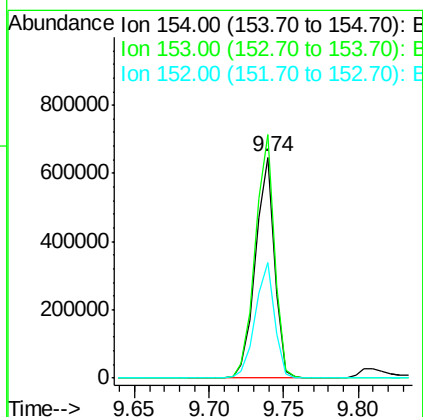
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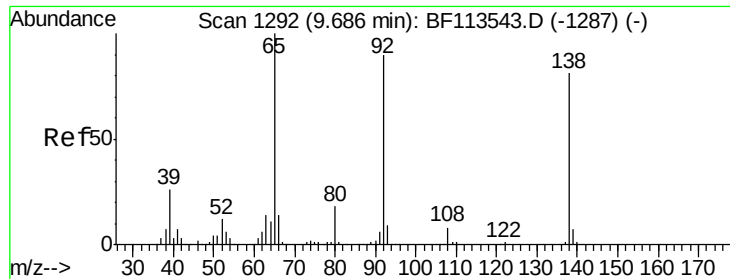
Sohil
4/16/2019 5:02:54 PM



#52
Acenaphthene
Concen: 46.345 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	110.3	89.5	134.3
152	52.6	43.3	64.9





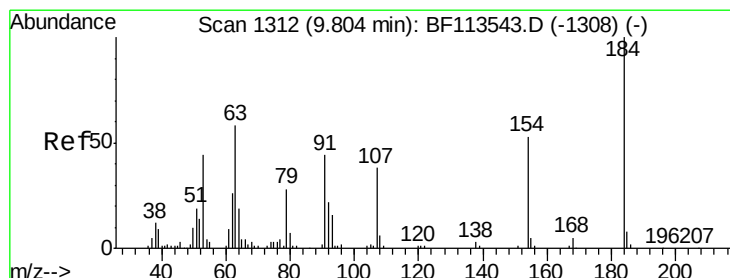
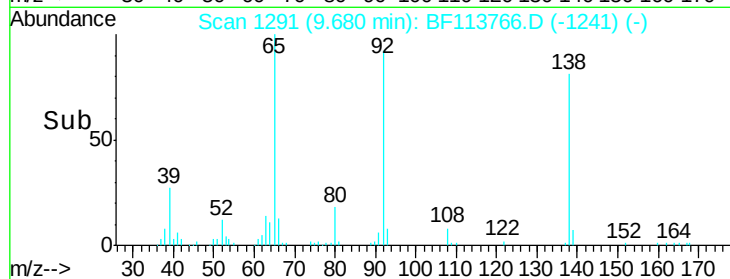
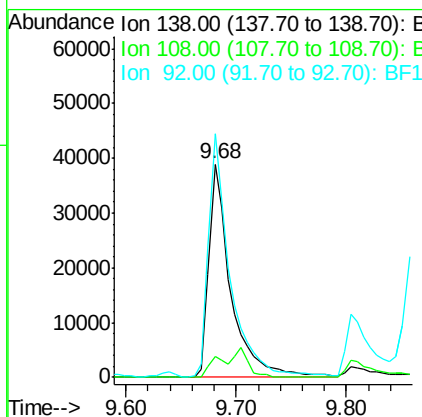
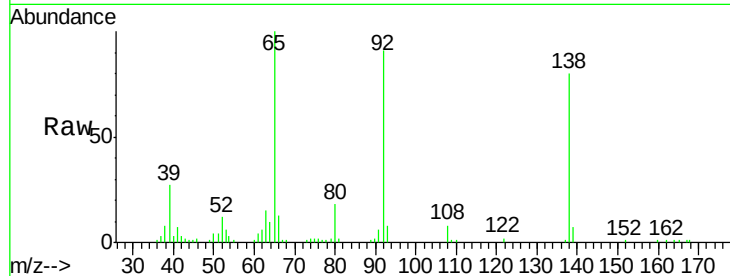
#53
 3-Nitroaniline
 Concen: 13.625 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BF113766.D
 Acq: 15 Apr 2019 16:40

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-041219-AMS

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.8	7.8	11.6
92	114.0	82.6	124.0

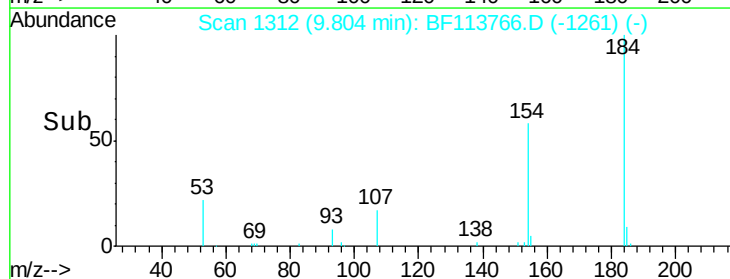
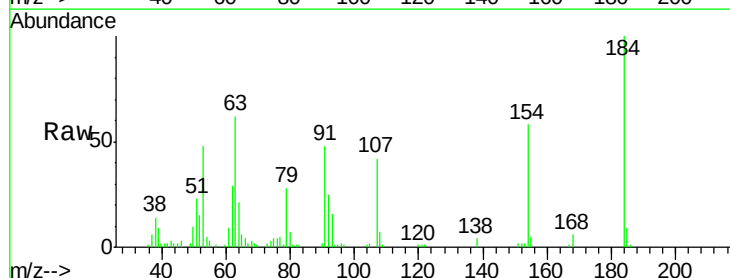
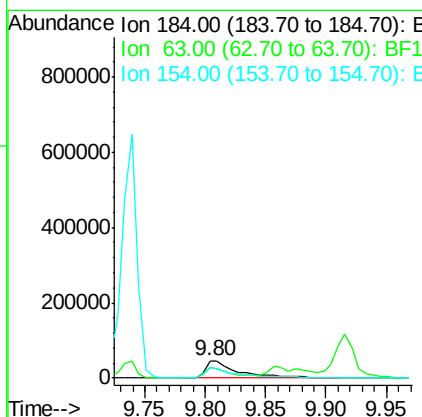
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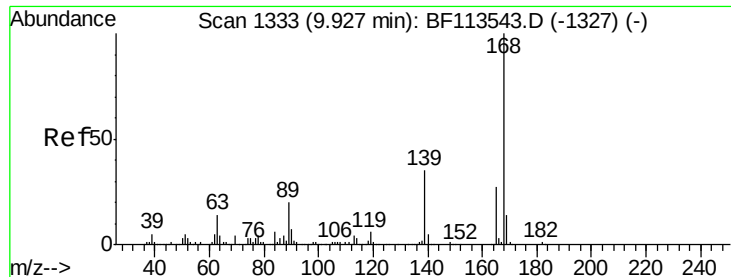
Sohil
 4/16/2019 5:02:54 PM



#54
 2,4-Dinitrophenol
 Concen: 55.299 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.00 min
 Lab File: BF113766.D
 Acq: 15 Apr 2019 16:40

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.0	54.3	81.5
154	57.8	48.4	72.6





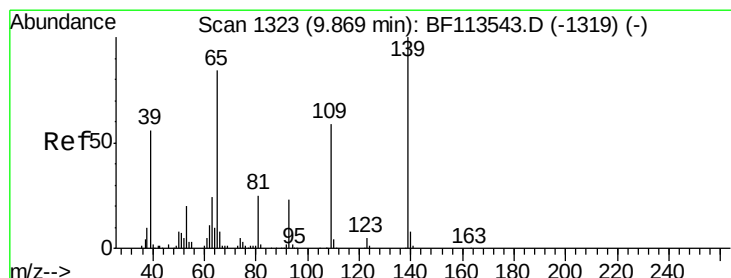
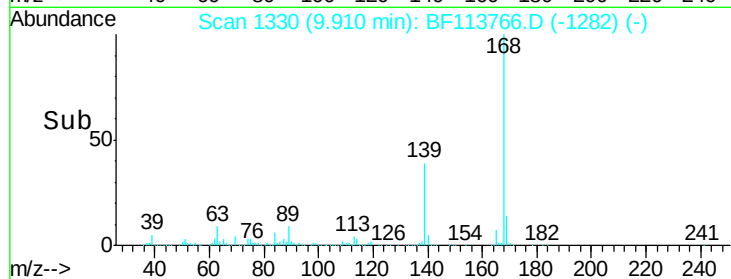
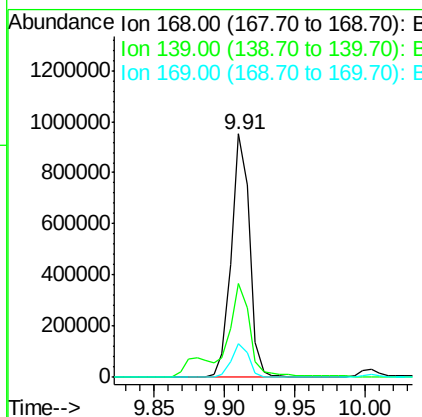
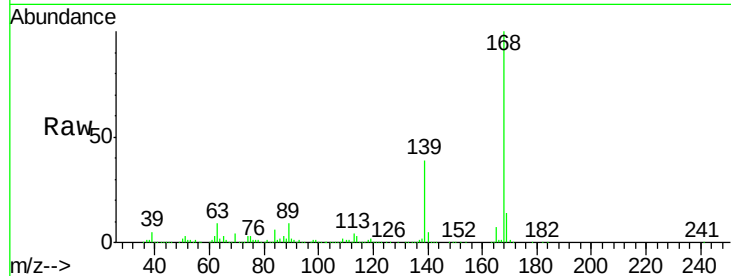
#55
Dibenzenofuran
Concen: 47.538 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Instrument :
BNA_F
ClientSampleId :
OR-02-041219-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	857585		
139	38.8	29.7	44.5	
169	13.7	10.7	16.1	

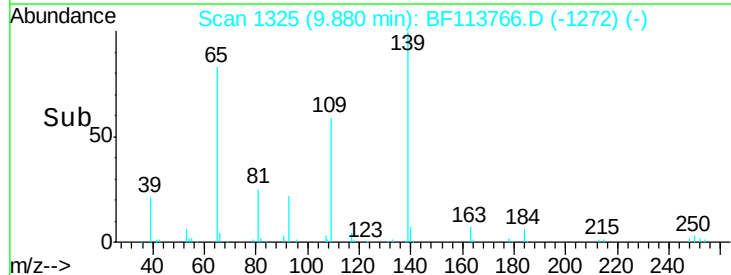
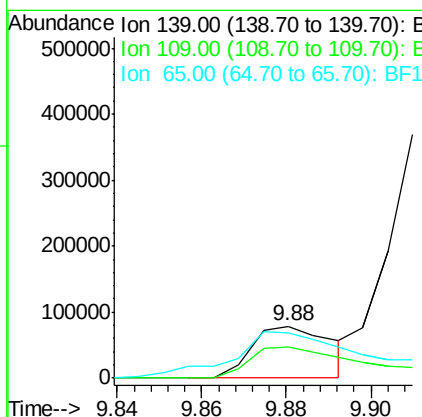
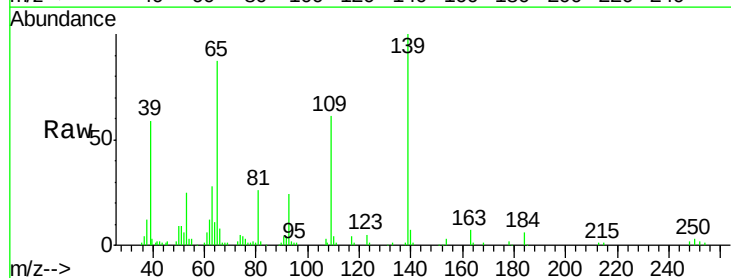
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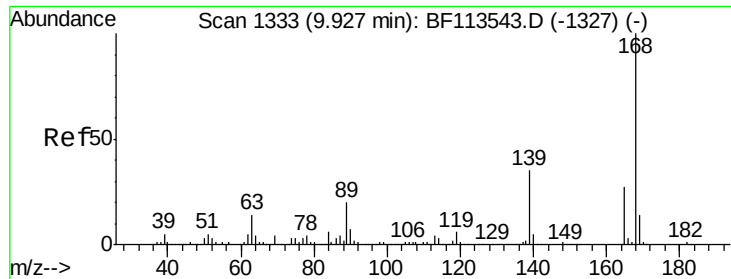
Sohil
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#56
4-Nitrophenol
Concen: 42.663 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	103387		
109	61.2	46.9	86.9	
65	87.0	77.2	117.2	





#57

2,4-Dinitrotoluene

Concen: 49.293 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF113766.D

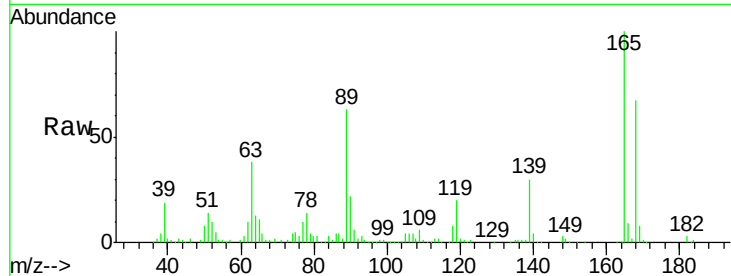
Acq: 15 Apr 2019 16:40

Instrument :

BNA_F

ClientSampleId :

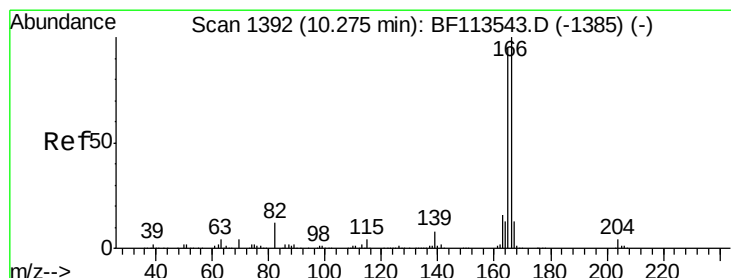
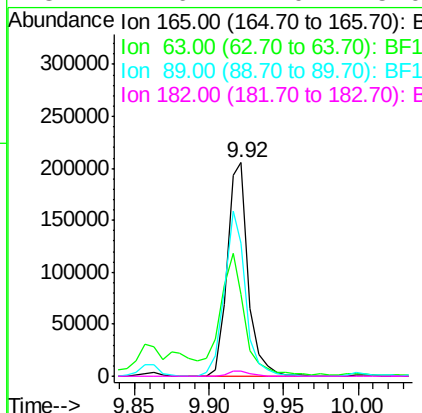
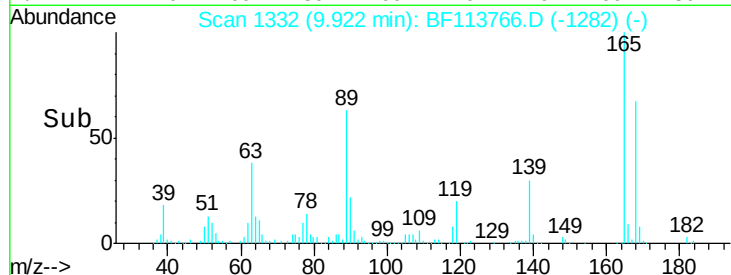
OR-02-041219-AMS



Tgt Ion	Ratio	Resp	Lower	Upper
165	100	204840		
63	38.4	37.5	56.3	
89	62.5	57.4	86.2	
182	2.6	2.0	3.0	

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#58

Fluorene

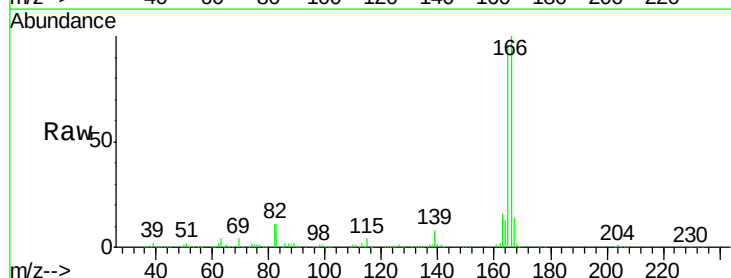
Concen: 47.686 ng

RT: 10.26 min Scan# 1389

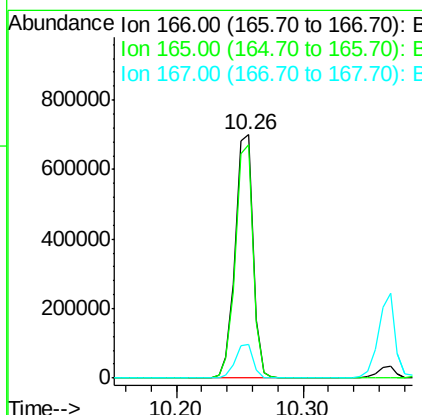
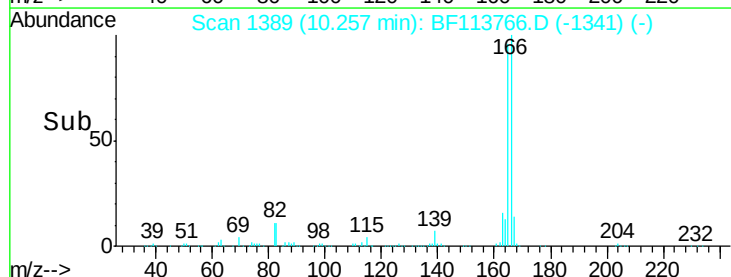
Delta R.T. -0.02 min

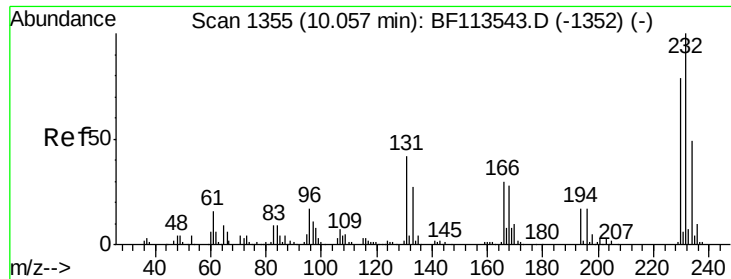
Lab File: BF113766.D

Acq: 15 Apr 2019 16:40



Tgt Ion	Ratio	Resp	Lower	Upper
166	100	680399		
165	95.6	76.2	114.2	
167	13.7	10.7	16.1	





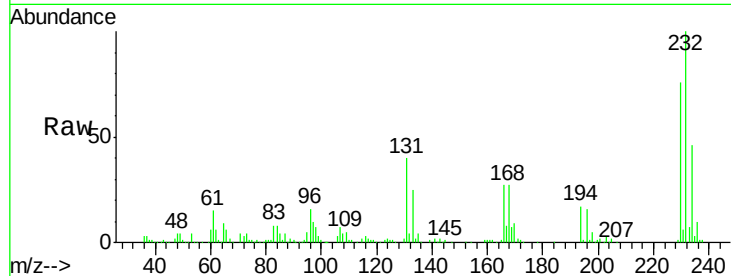
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.926 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: BF113766.D
 Acq: 15 Apr 2019 16:40

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-041219-AMS

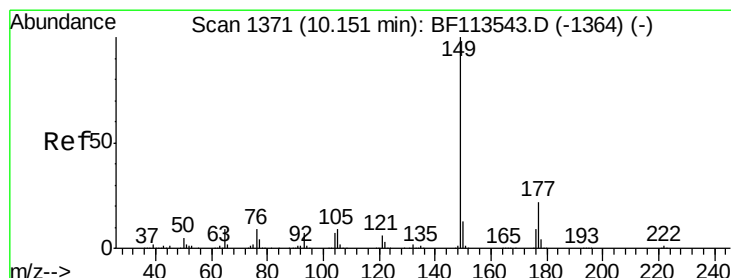
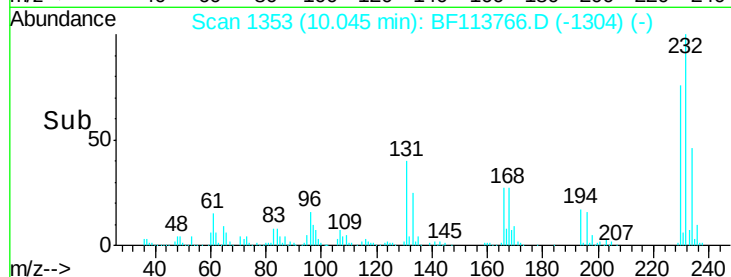
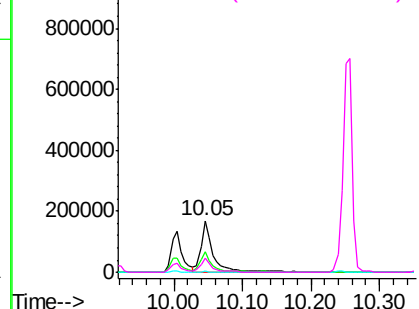
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	204299		
131	36.1	33.2	49.8	
130	1.9	1.6	2.4	
166	24.1	21.0	31.6	

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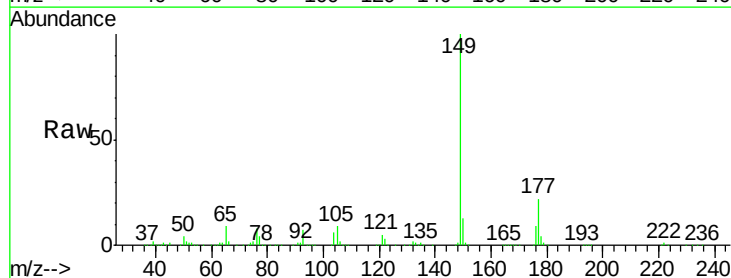


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

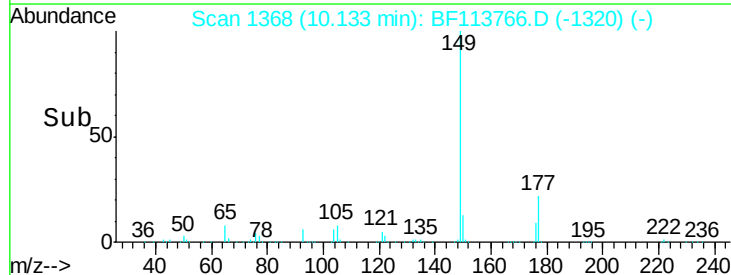
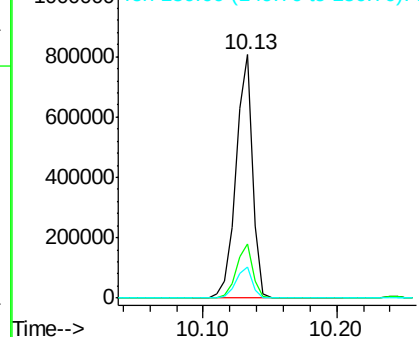


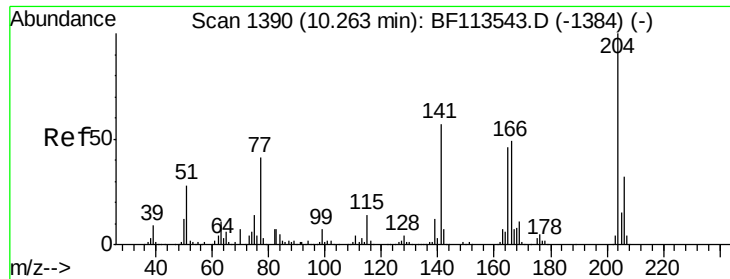
#60
 Diethylphthalate
 Concen: 47.063 ng
 RT: 10.13 min Scan# 1368
 Delta R.T. -0.02 min
 Lab File: BF113766.D
 Acq: 15 Apr 2019 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	707299		
177	22.4	17.4	26.0	
150	12.5	10.0	15.0	



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





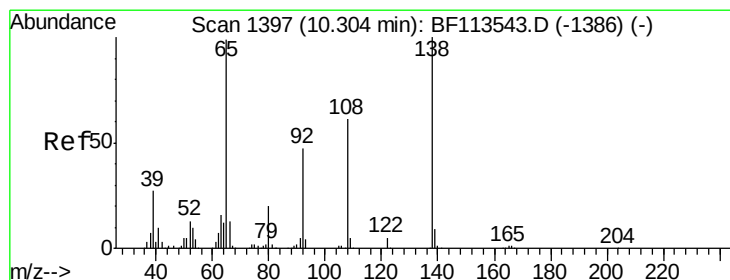
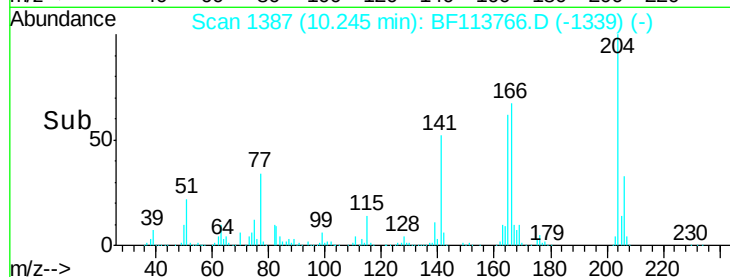
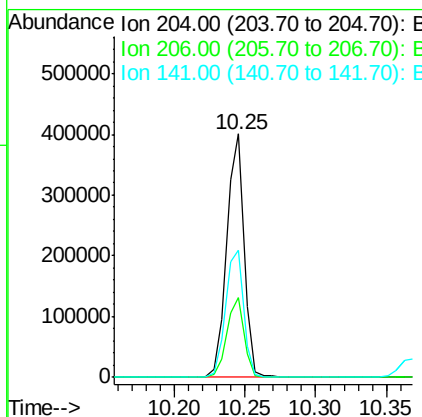
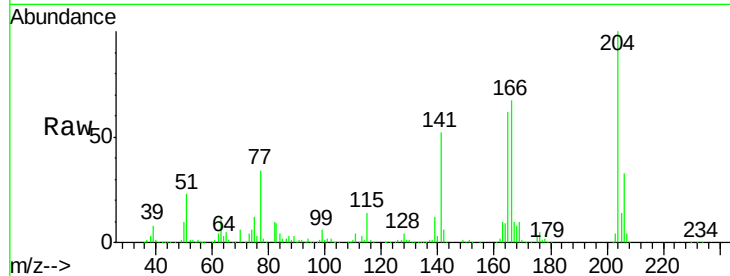
#61
 4-Chlorophenyl-phenylether
 Concen: 48.702 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.02 min
 Lab File: BF113766.D
 Acq: 15 Apr 2019 16:40

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-041219-AMS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.9	40.3
141	52.1	48.8	73.2

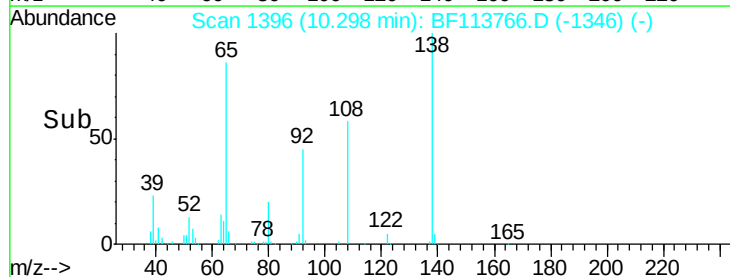
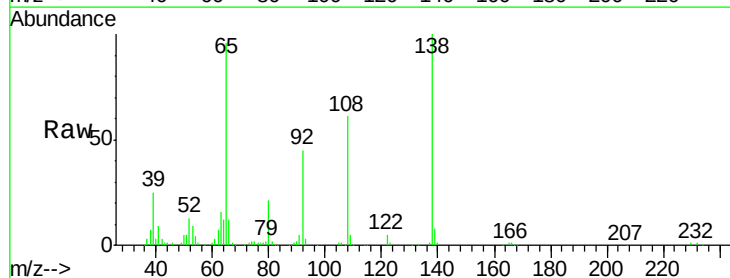
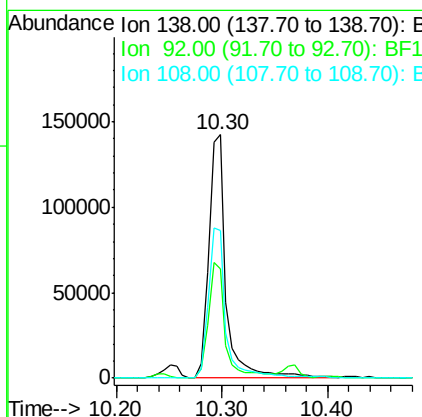
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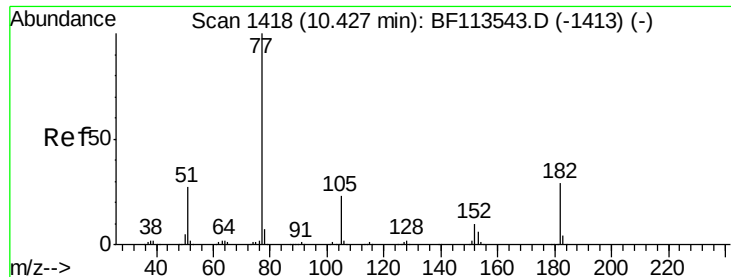
Sohil
 4/16/2019 5:02:54 PM



#62
 4-Nitroaniline
 Concen: 40.785 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF113766.D
 Acq: 15 Apr 2019 16:40

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.0	25.8	65.8
108	60.8	44.0	84.0





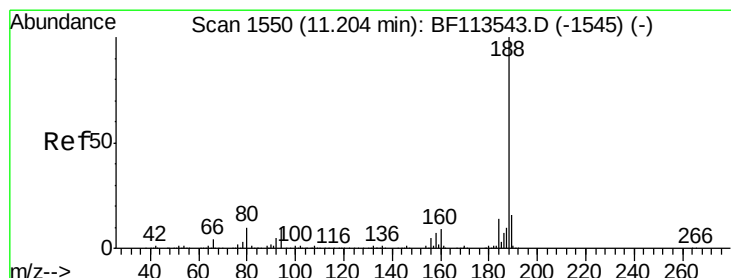
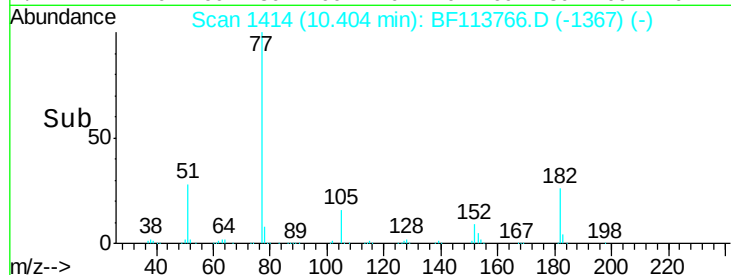
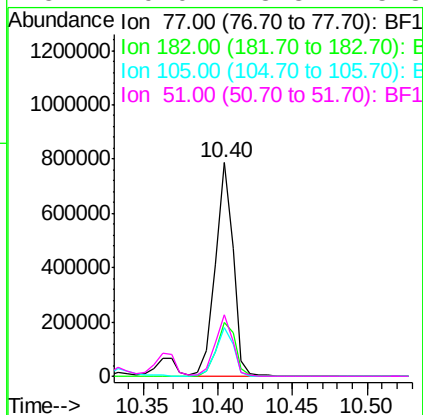
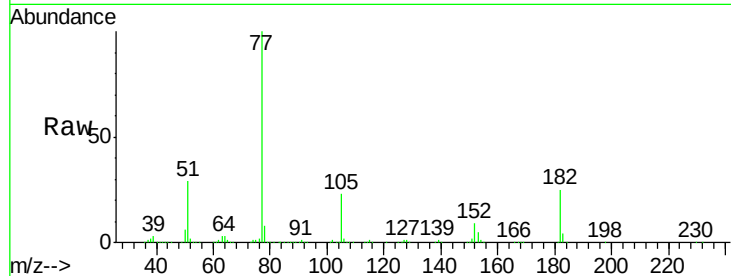
#63
Azobenzene
Concen: 45.788 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.02 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Instrument :
BNA_F
ClientSampleId :
OR-02-041219-AMS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.3	8.7	48.7
105	22.7	2.9	42.9
51	29.0	8.8	48.8

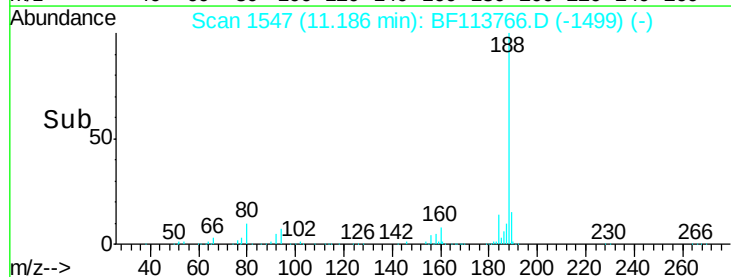
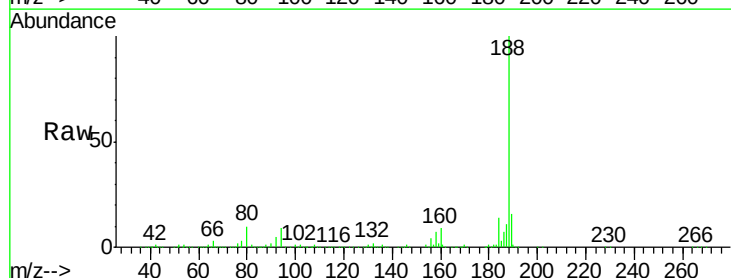
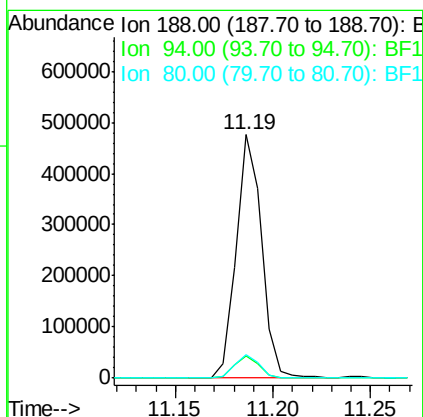
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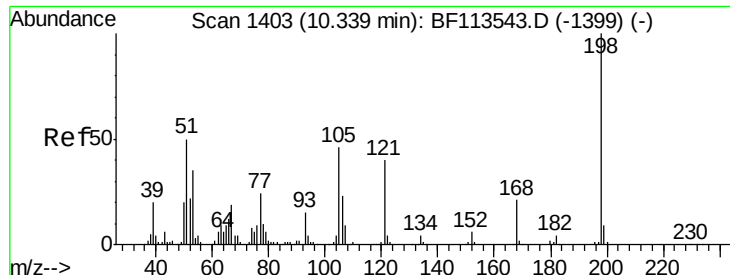
Sohil
4/16/2019 5:02:54 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.0	10.6
80	9.9	7.7	11.5





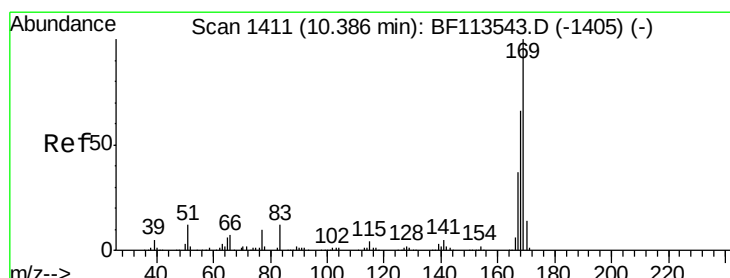
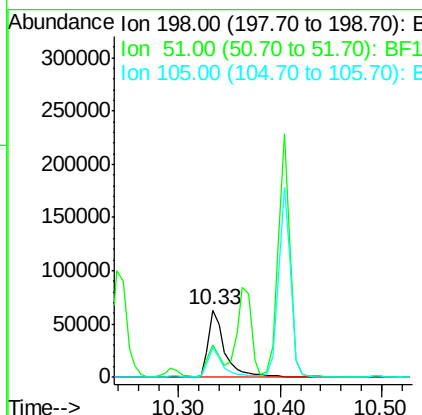
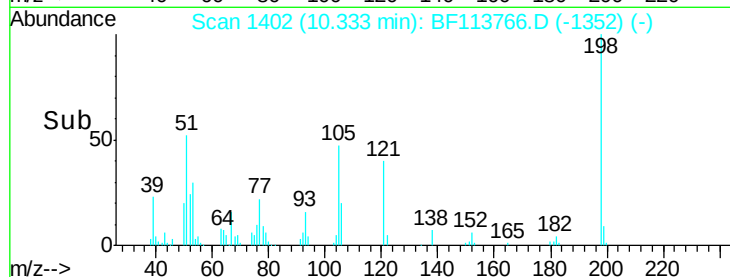
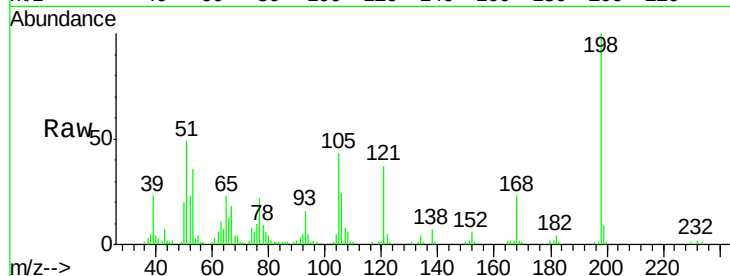
#65
4,6-Dinitro-2-methylphenol
Concen: 32.064 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Instrument :
BNA_F
ClientSampleId :
OR-02-041219-AMS

Tgt Ion	Ratio	Lower	Upper
198	100		
51	49.1	21.6	61.6
105	43.5	20.6	60.6

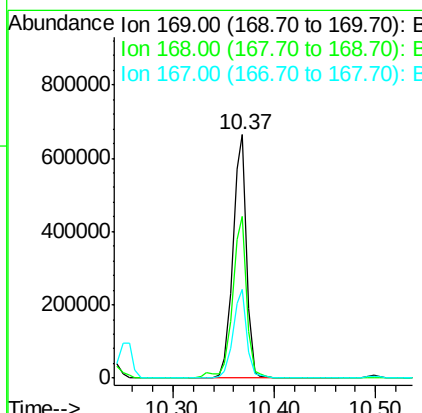
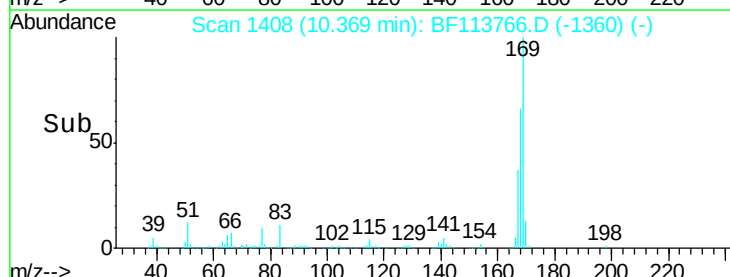
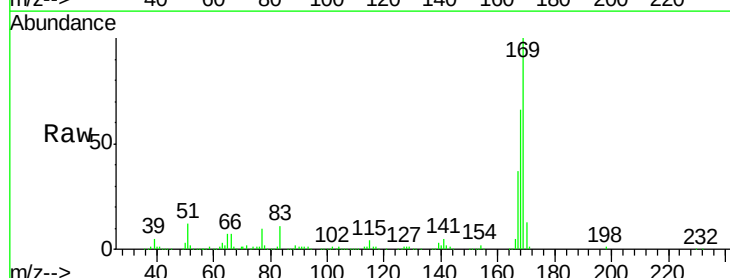
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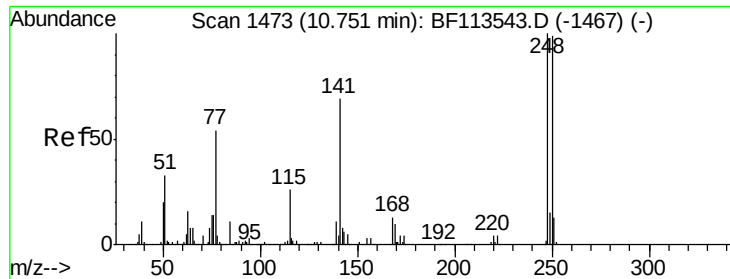
Sohil
4/16/2019 5:02:54 PM



#66
n-Nitrosodiphenylamine
Concen: 47.180 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.02 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.3	53.7	80.5
167	36.7	29.5	44.3





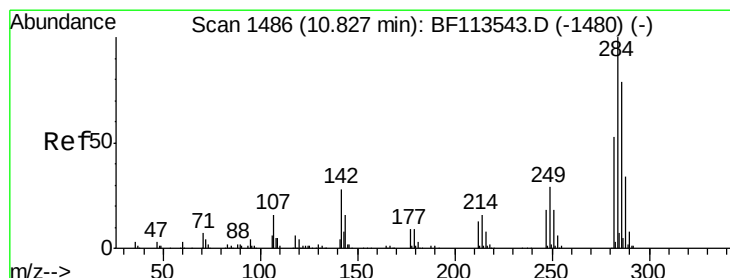
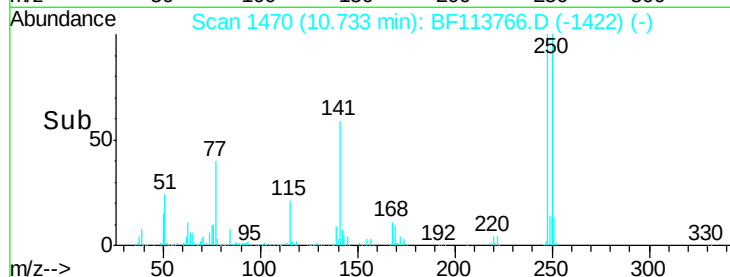
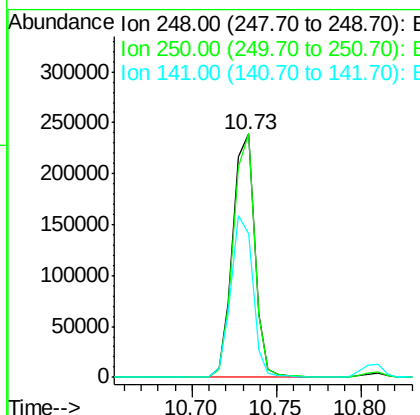
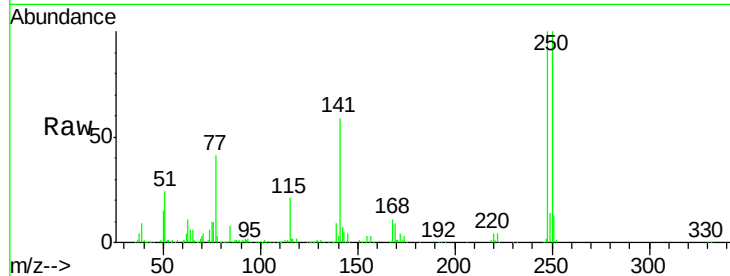
#67
4-Bromophenyl-phenylether
Concen: 45.046 ng
RT: 10.73 min Scan# 1470
Delta R.T. -0.02 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Instrument :
BNA_F
ClientSampleId :
OR-02-041219-AMS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.1	78.3	117.5
141	58.9	56.2	84.4

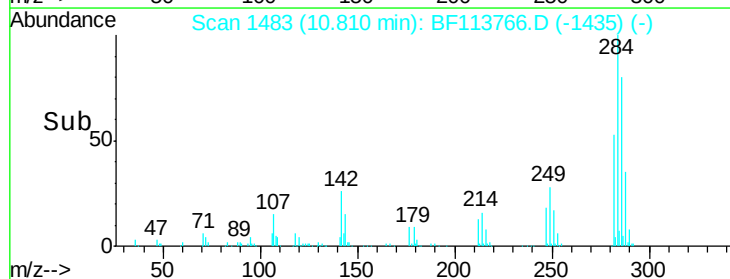
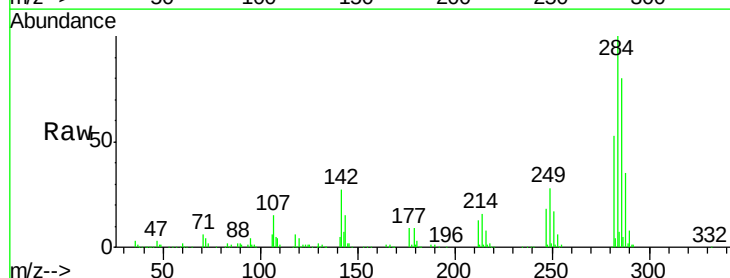
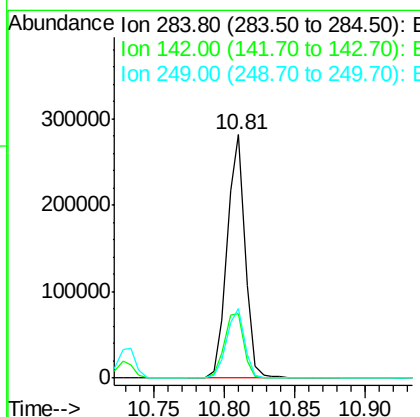
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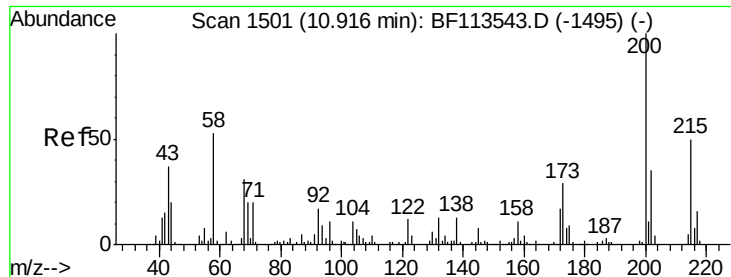
Sohil
4/16/2019 5:02:54 PM



#68
Hexachlorobenzene
Concen: 45.153 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.02 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.5	20.1	30.1
249	28.5	22.7	34.1





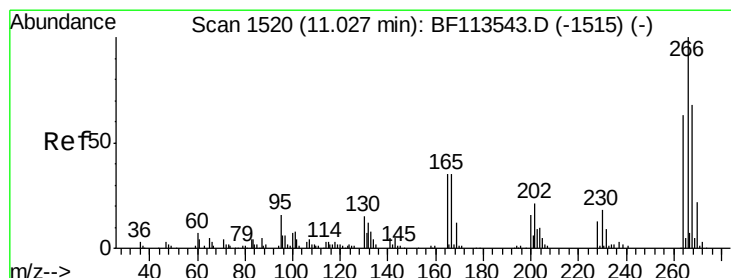
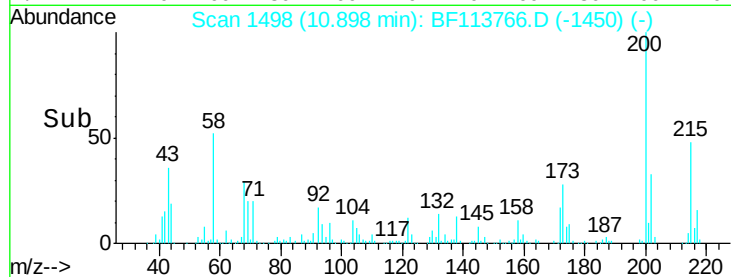
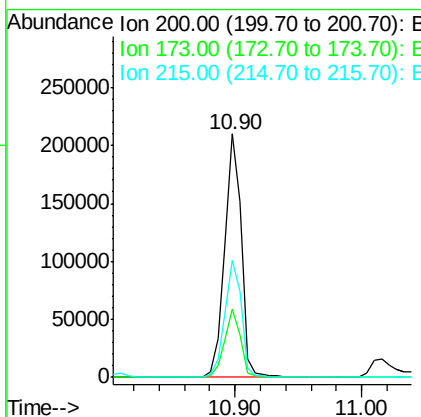
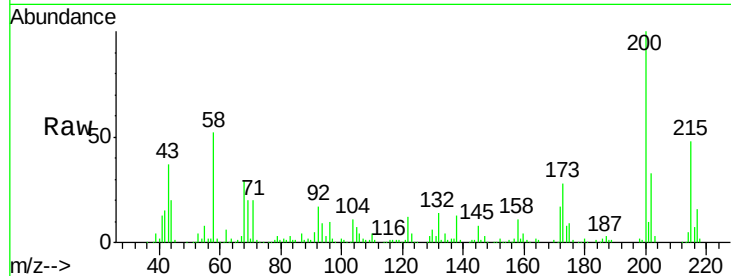
#69
 Atrazine
 Concen: 45.775 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. -0.02 min
 Lab File: BF113766.D
 Acq: 15 Apr 2019 16:40

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-041219-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	189995		
173	28.1	6.0	46.0	
215	48.1	31.3	71.3	

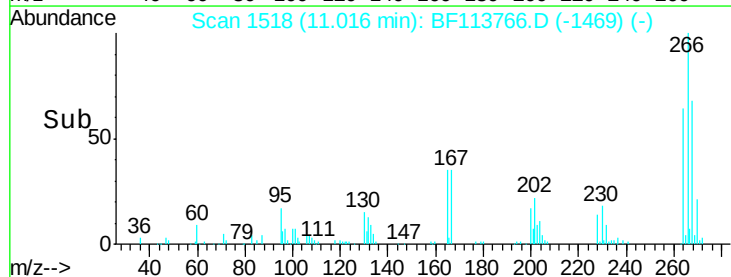
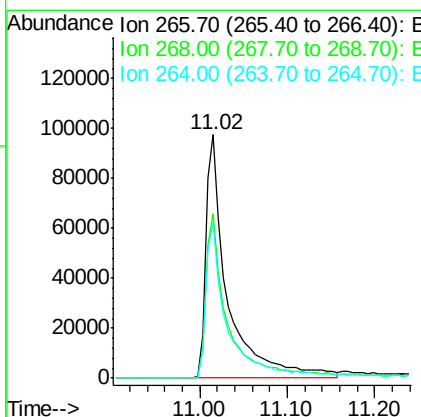
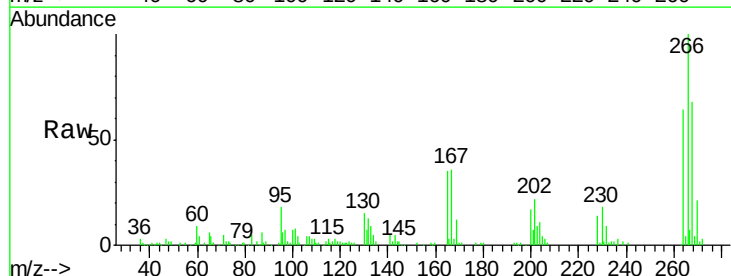
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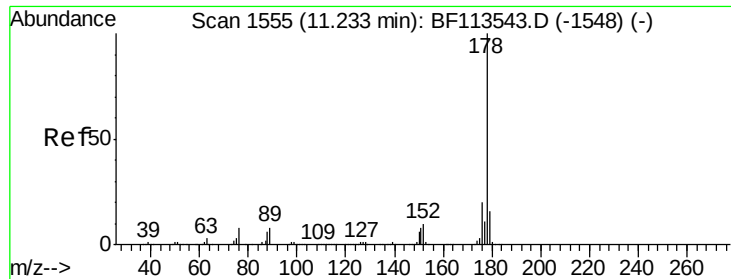
Sohil
 4/16/2019 5:02:54 PM



#70
 Pentachlorophenol
 Concen: 64.630 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF113766.D
 Acq: 15 Apr 2019 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	167878		
268	67.5	53.8	80.6	
264	63.8	49.2	73.8	





#71

Phenanthrene

Concen: 47.053 ng

RT: 11.22 min Scan# 1552

Delta R.T. -0.02 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

Instrument :

BNA_F

ClientSampleId :

OR-02-041219-AMS

Tgt Ion:178 Resp: 1002937

Ion Ratio Lower Upper

178 100

176 19.8 16.2 24.2

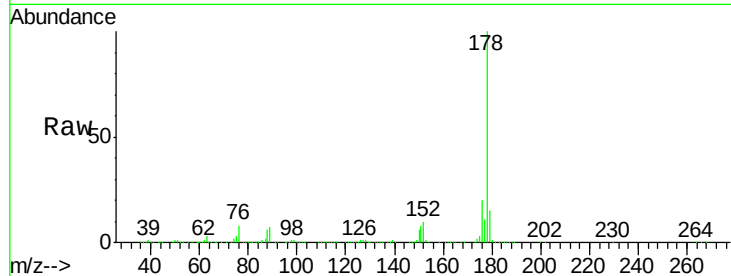
179 15.1 12.7 19.1

Manual Integrations

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Sohil

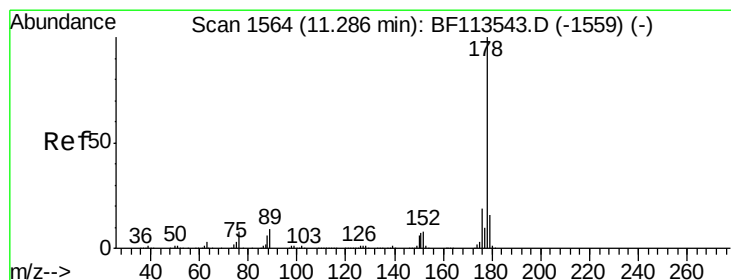
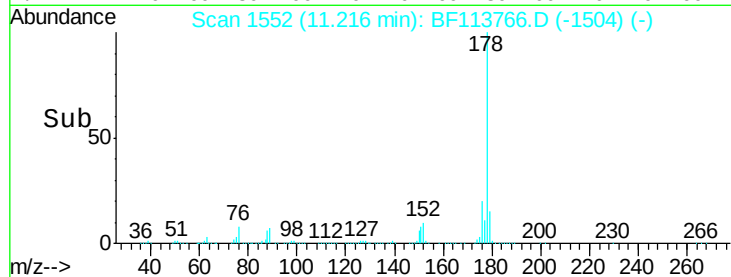
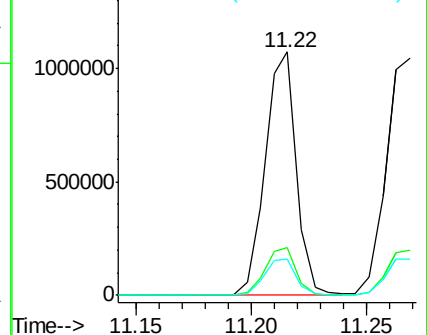
4/16/2019 5:02:54 PM



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: 48.892 ng

RT: 11.27 min Scan# 1561

Delta R.T. -0.02 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

Tgt Ion:178 Resp: 1060283

Ion Ratio Lower Upper

178 100

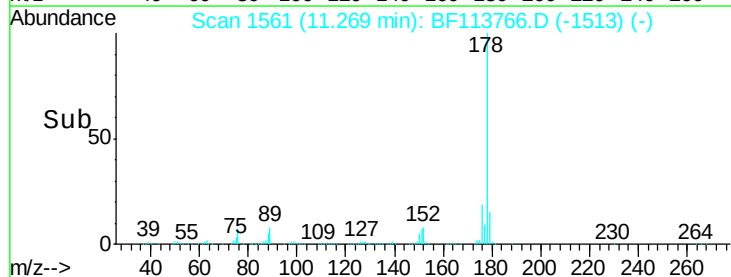
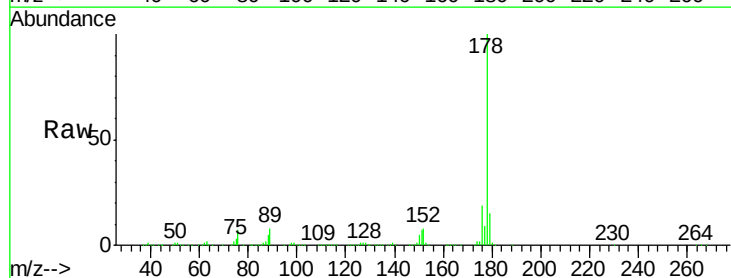
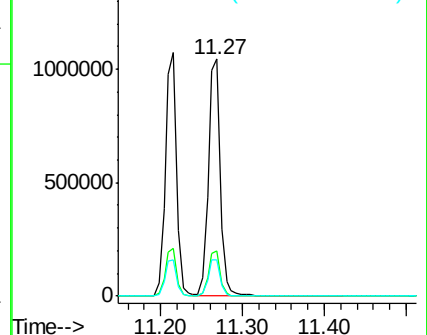
176 19.0 15.4 23.2

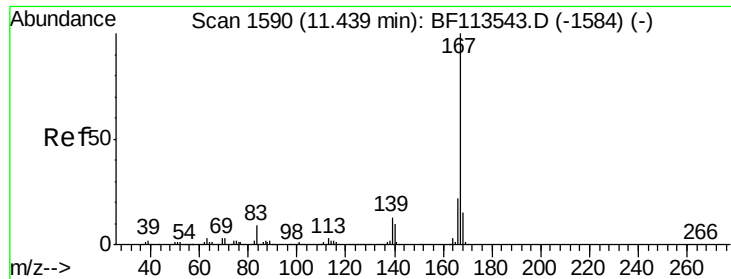
179 15.4 12.8 19.2

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





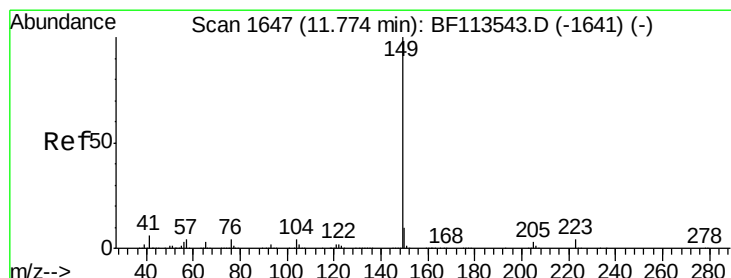
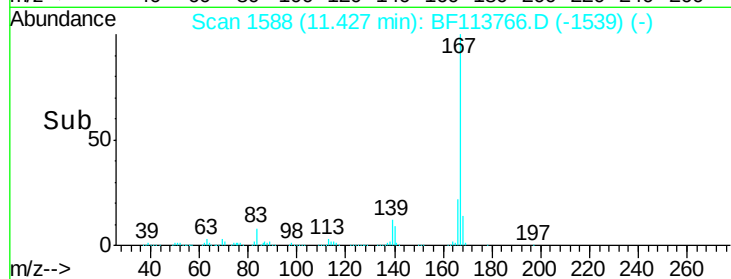
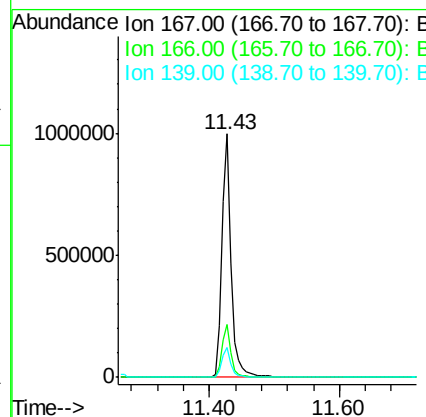
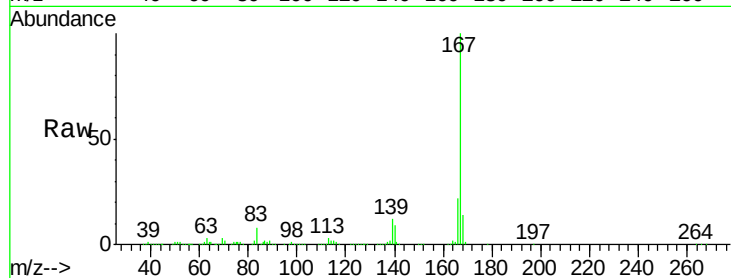
#73
 Carbazole
 Concen: 47.948 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF113766.D
 Acq: 15 Apr 2019 16:40

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-041219-AMS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.4	26.0
139	12.4	10.4	15.6

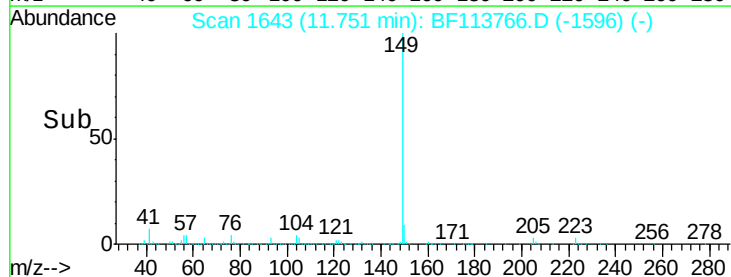
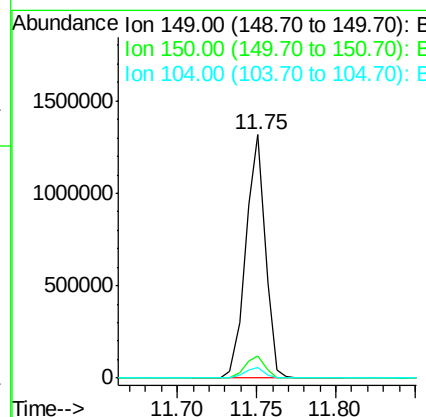
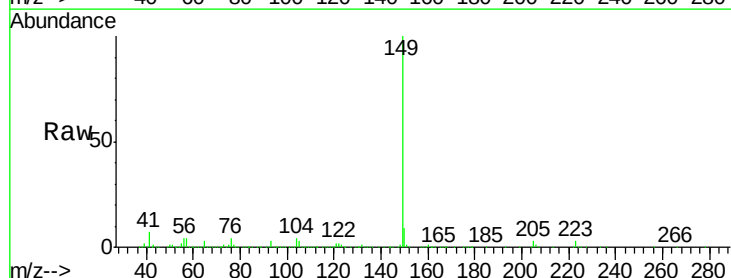
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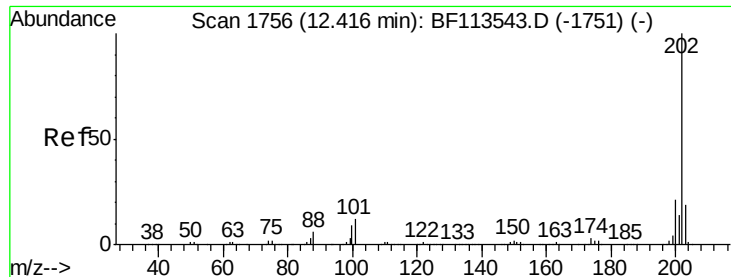
Sohil
 4/16/2019 5:02:54 PM



#74
 Di-n-butylphthalate
 Concen: 46.315 ng
 RT: 11.75 min Scan# 1643
 Delta R.T. -0.02 min
 Lab File: BF113766.D
 Acq: 15 Apr 2019 16:40

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	4.3	3.7	5.5





#75

Fluoranthene

Concen: 47.623 ng

RT: 12.40 min Scan# 1753

Delta R.T. -0.02 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

Instrument :

BNA_F

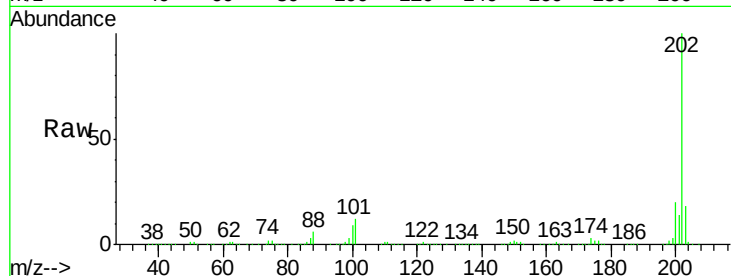
ClientSampleId :

OR-02-041219-AMS

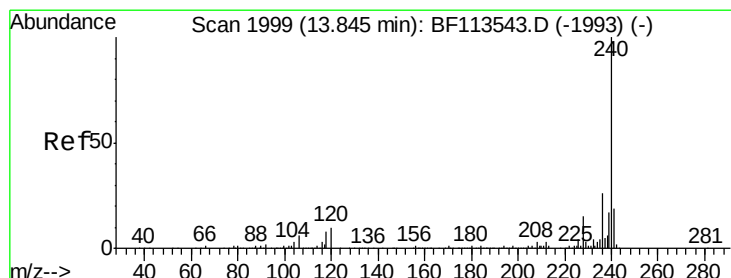
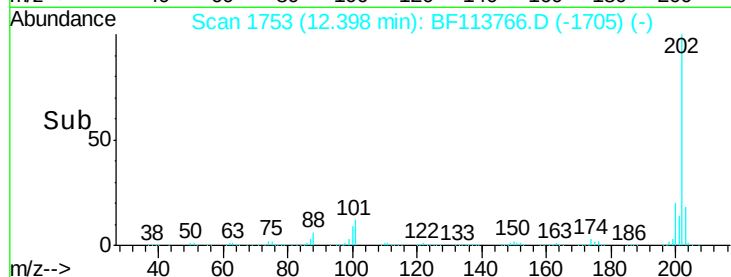
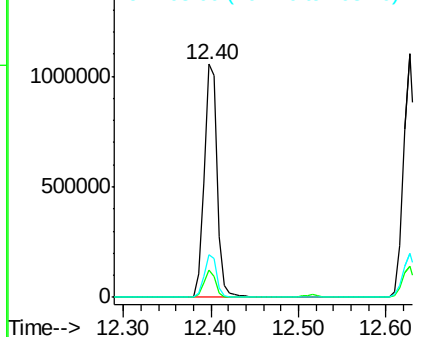
Tgt Ion:	202	Resp:	1087746
Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.4
203	18.2	0.0	38.0

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Abundance Ion 202.00 (201.70 to 202.70): E
1500000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

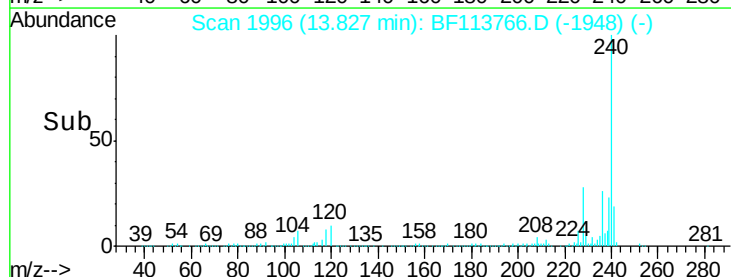
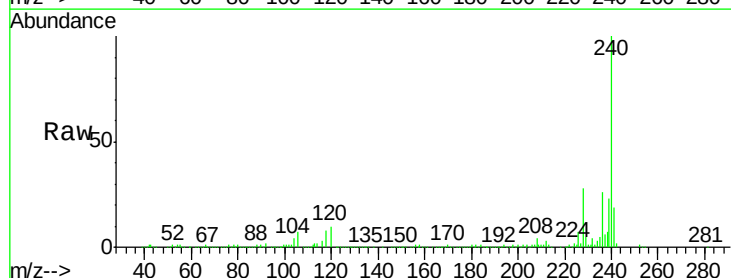
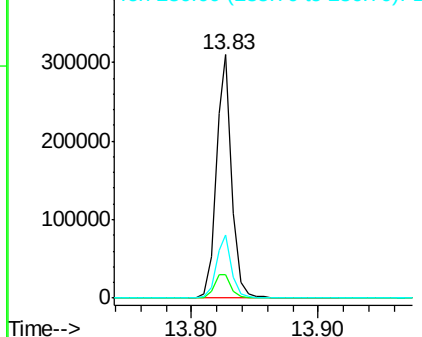
Delta R.T. -0.02 min

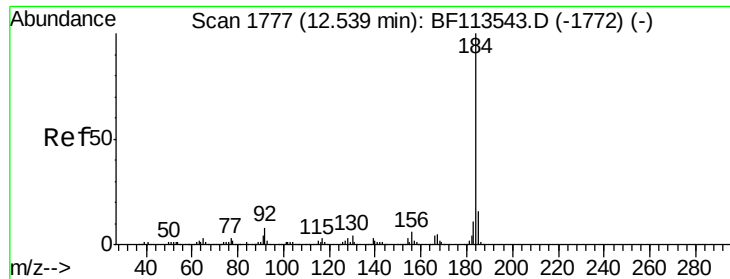
Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

Tgt Ion:	240	Resp:	264289
Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.8	13.2
236	25.8	20.9	31.3

Abundance Ion 240.00 (239.70 to 240.70): E
400000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 24.022 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BF113766.D

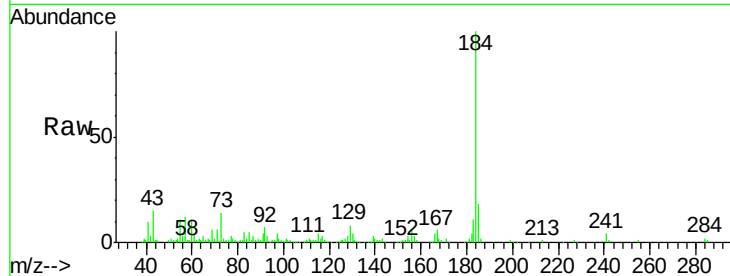
Acq: 15 Apr 2019 16:40

Instrument :

BNA_F

ClientSampleId :

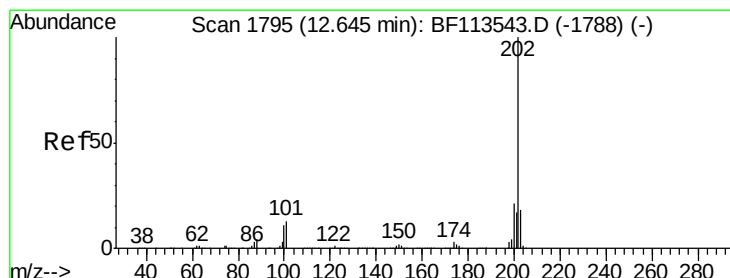
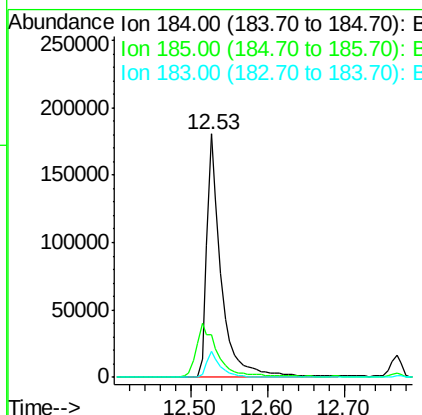
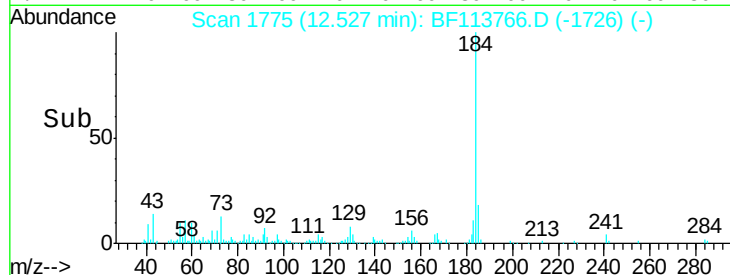
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Tgt Ion:	184	Resp:	236091
Ion Ratio	Lower	Upper	
184	100		
185	17.6	13.0	19.6
183	10.7	9.0	13.4

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#78

Pyrene

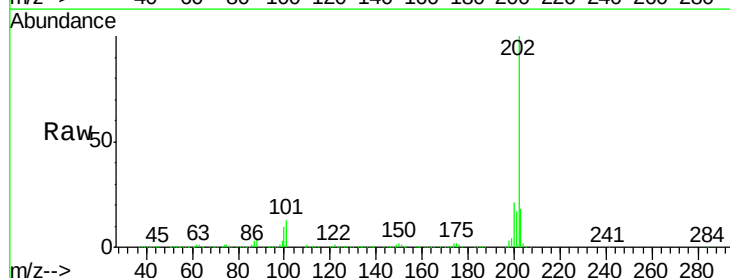
Concen: 52.816 ng

RT: 12.63 min Scan# 1792

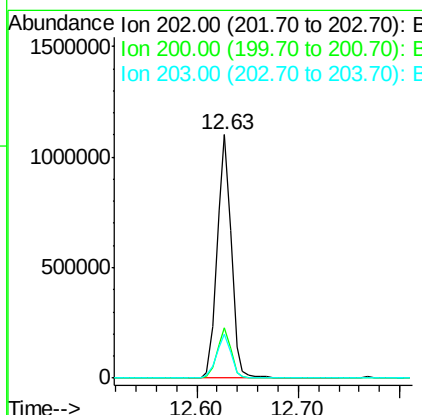
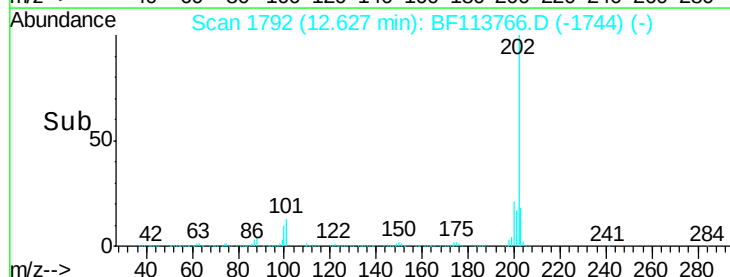
Delta R.T. -0.02 min

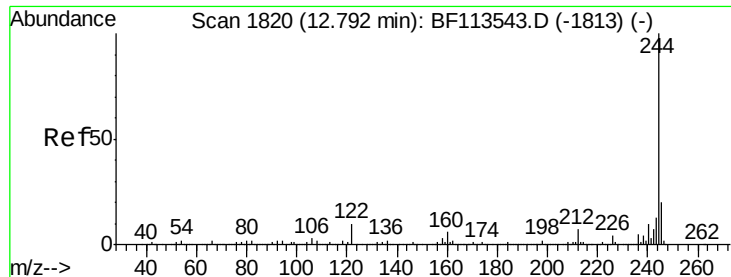
Lab File: BF113766.D

Acq: 15 Apr 2019 16:40



Tgt Ion:	202	Resp:	1062102
Ion Ratio	Lower	Upper	
202	100		
200	20.8	16.8	25.2
203	18.1	14.4	21.6





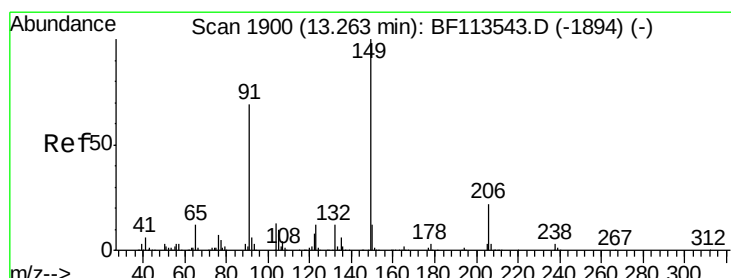
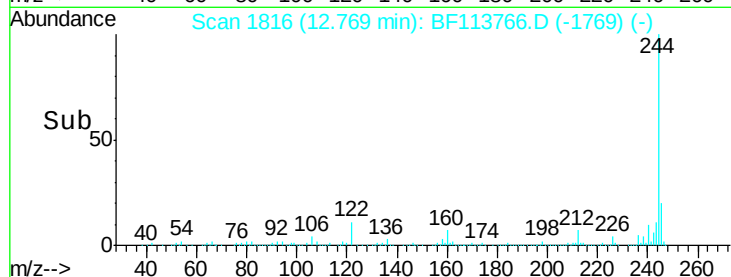
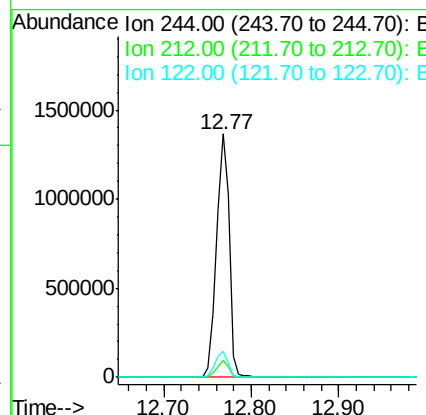
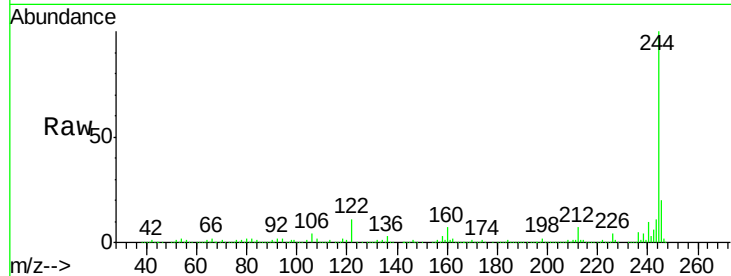
#79
 Terphenyl-d14
 Concen: 106.927 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. -0.02 min
 Lab File: BF113766.D
 Acq: 15 Apr 2019 16:40

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-041219-AMS

Tgt Ion: 244 Resp: 1387985
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 10.8 8.6 13.0

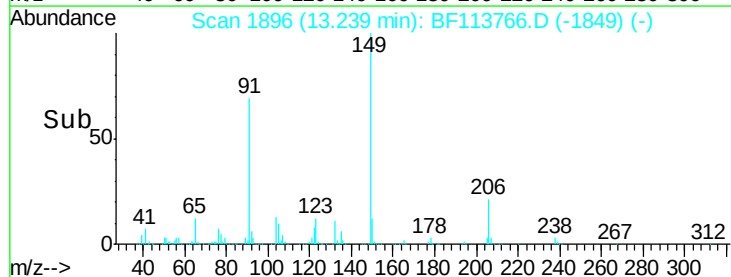
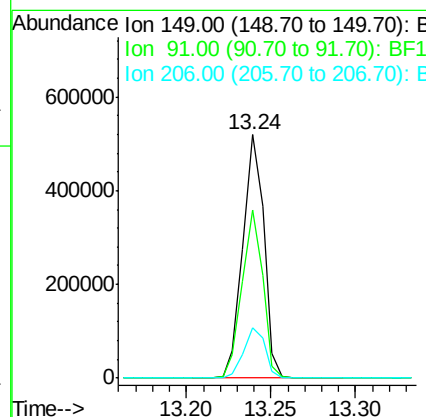
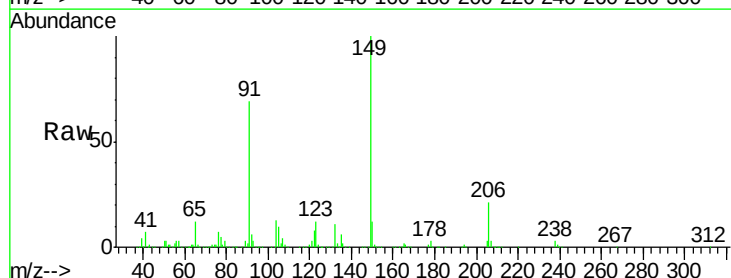
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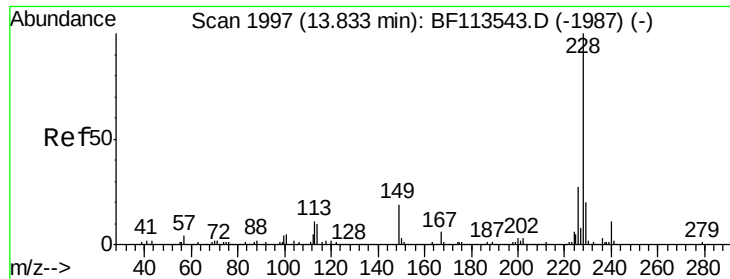
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#80
 Butylbenzylphthalate
 Concen: 55.486 ng
 RT: 13.24 min Scan# 1896
 Delta R.T. -0.02 min
 Lab File: BF113766.D
 Acq: 15 Apr 2019 16:40

Tgt Ion: 149 Resp: 454196
 Ion Ratio Lower Upper
 149 100
 91 69.2 55.2 82.8
 206 20.7 16.1 24.1





#81

Benzo(a)anthracene

Concen: 50.017 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.02 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

Instrument :

BNA_F

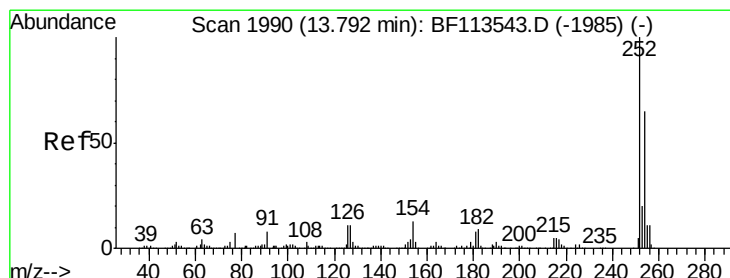
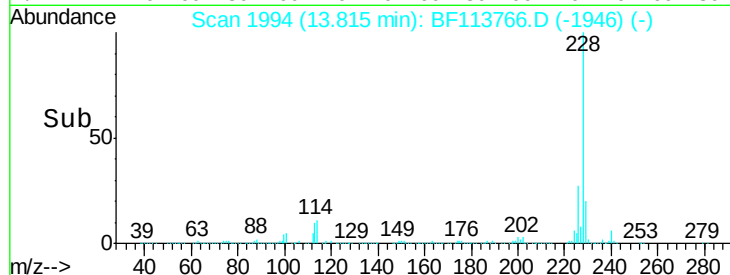
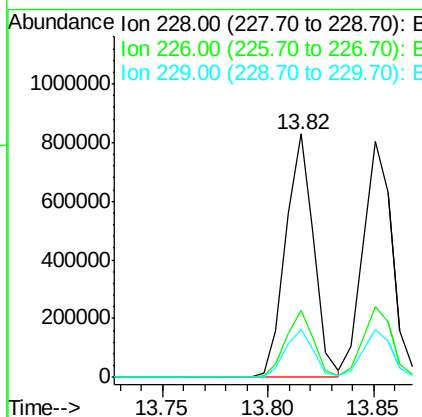
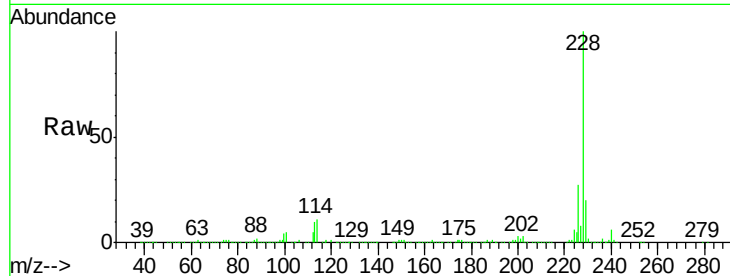
ClientSampleId :

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Tgt Ion:	228	Resp:	762537
Ion Ratio	Lower	Upper	
228	100		
226	27.4	21.8	32.8
229	19.8	16.2	24.4

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 14.142 ng

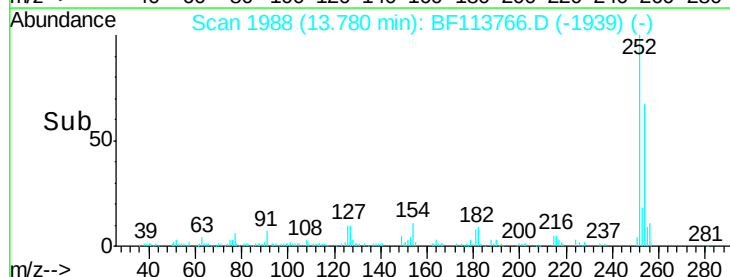
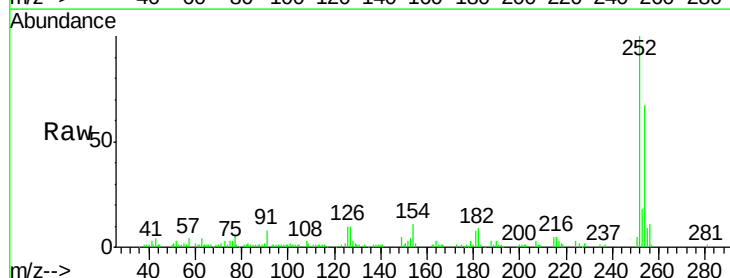
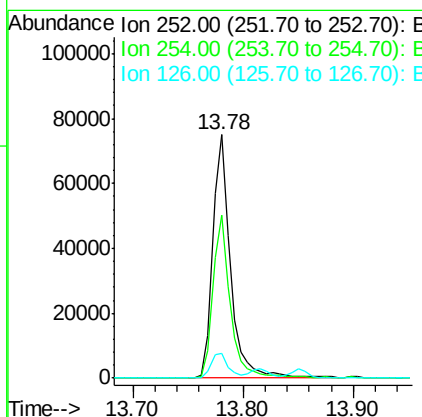
RT: 13.78 min Scan# 1988

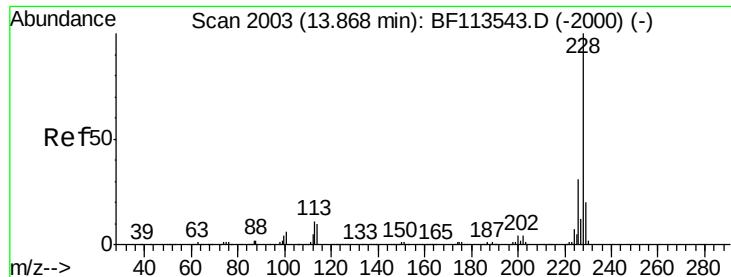
Delta R.T. -0.01 min

Lab File: BF113766.D

Acq: 15 Apr 2019 16:40

Tgt Ion:	252	Resp:	83046
Ion Ratio	Lower	Upper	
252	100		
254	67.1	52.2	78.2
126	9.9	8.5	12.7





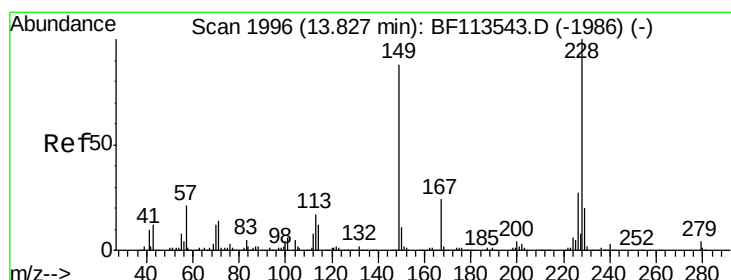
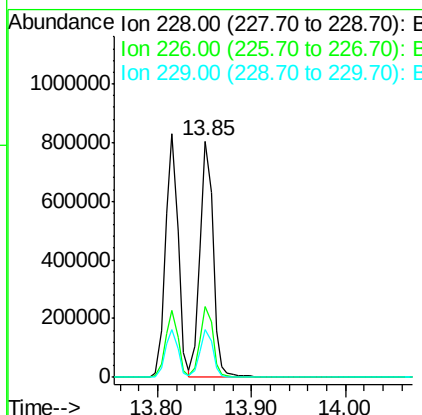
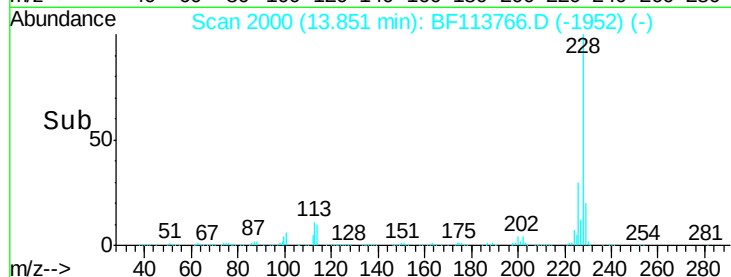
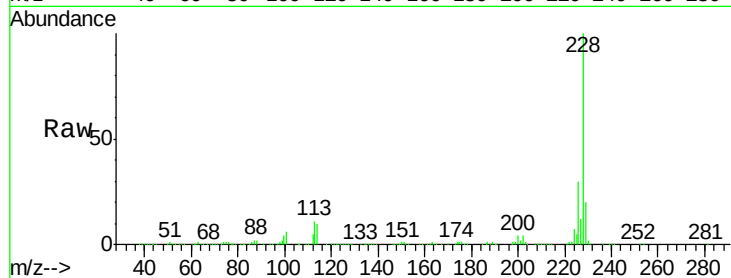
#83
Chrysene
 Concen: 50.721 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. -0.02 min
 Lab File: BF113766.D
 Acq: 15 Apr 2019 16:40

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-041219-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	783876		
226	30.1	24.3	36.5	
229	20.1	16.3	24.5	

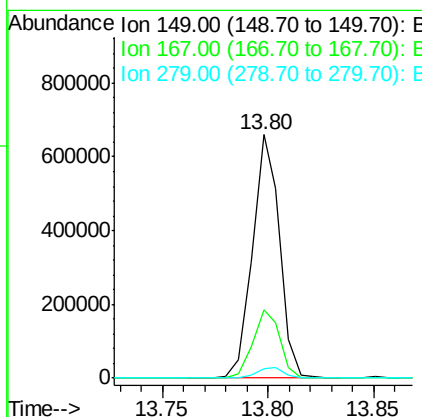
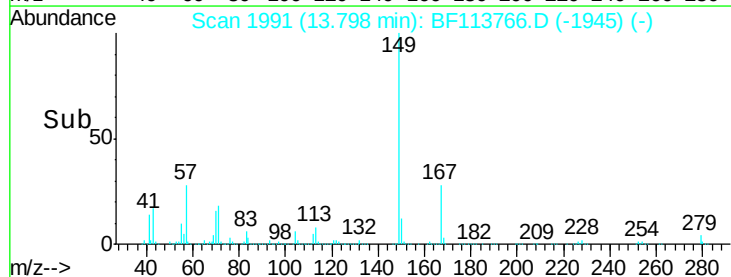
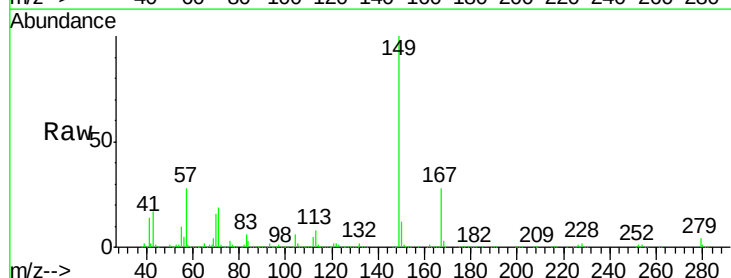
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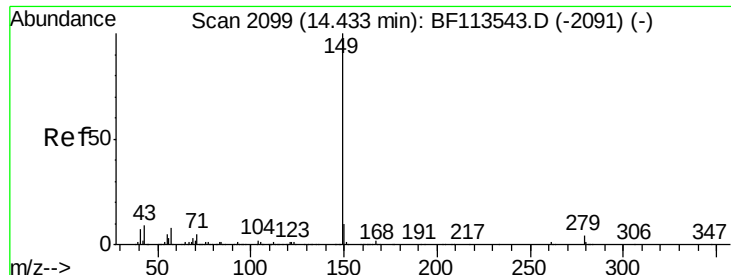
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#84
Bis(2-ethylhexyl)phthalate
 Concen: 59.300 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. -0.03 min
 Lab File: BF113766.D
 Acq: 15 Apr 2019 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	586891		
167	27.8	21.8	32.8	
279	3.9	2.9	4.3	





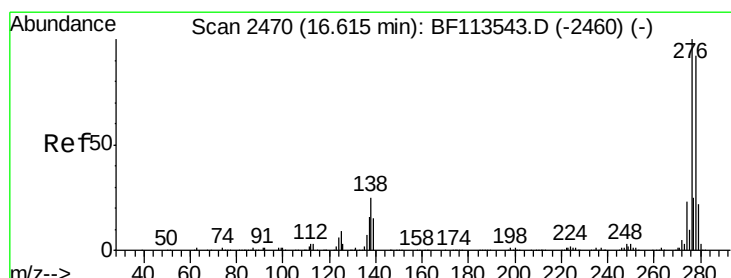
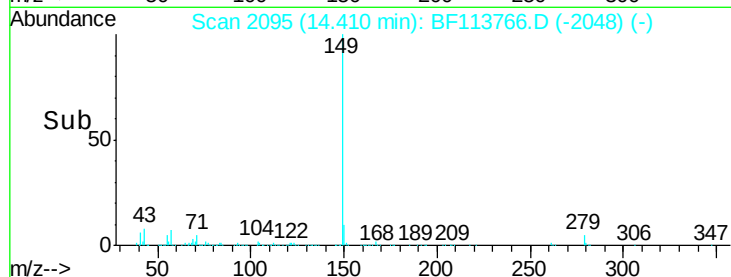
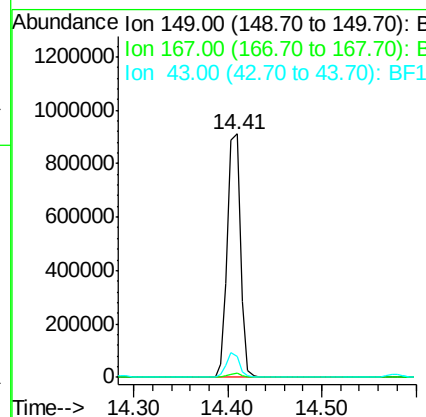
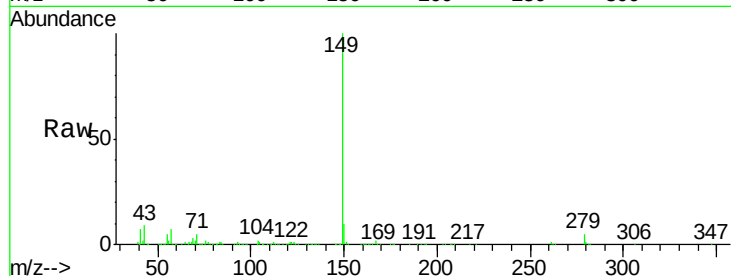
#85
Di-n-octyl phthalate
Concen: 55.772 ng
RT: 14.41 min Scan# 2095
Delta R.T. -0.02 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Instrument :
BNA_F
ClientSampleId :
OR-02-041219-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	897227		
167	1.6	1.3	1.9	
43	9.4	7.7	11.5	

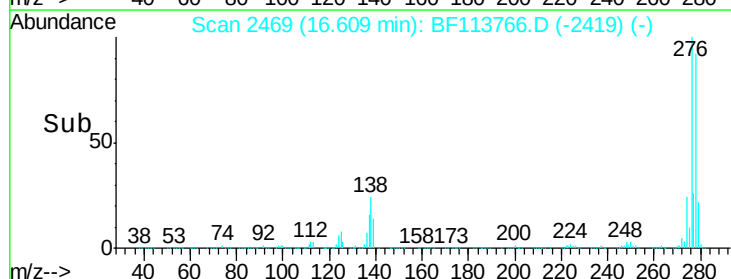
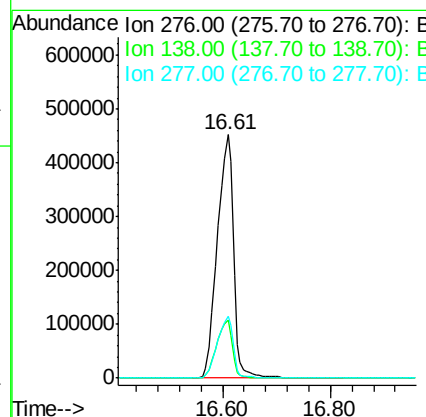
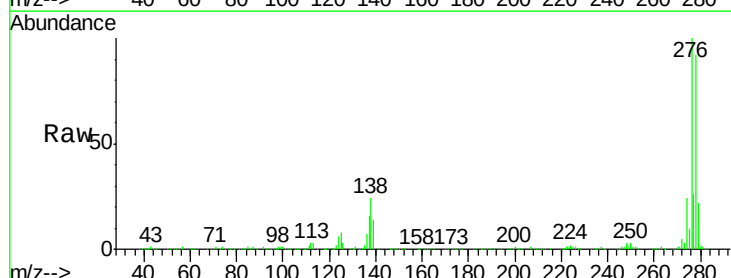
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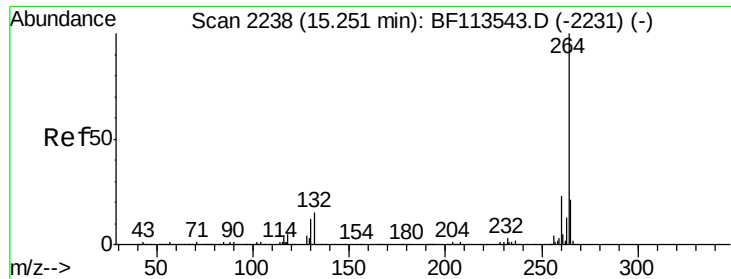
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#86
Indeno(1,2,3-cd)pyrene
Concen: 66.478 ng
RT: 16.61 min Scan# 2469
Delta R.T. -0.01 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	948577		
138	23.2	18.1	27.1	
277	25.1	20.2	30.4	





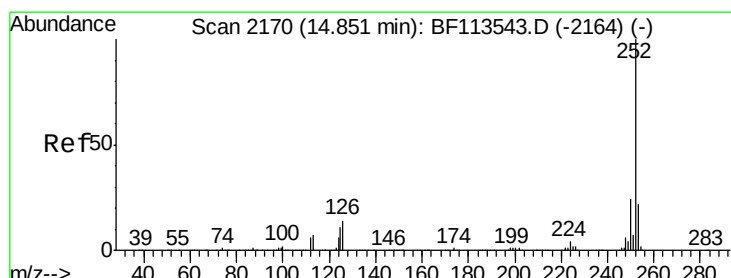
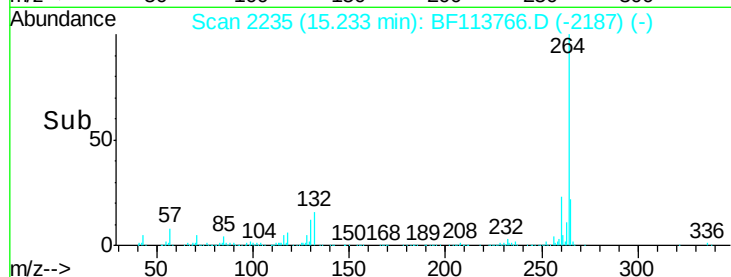
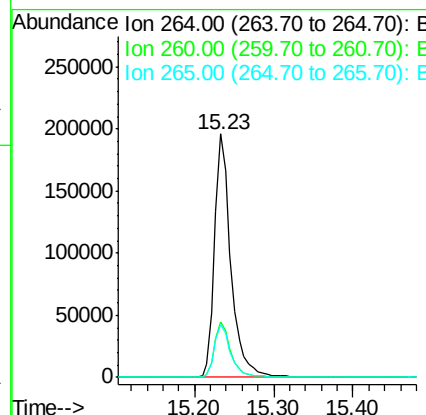
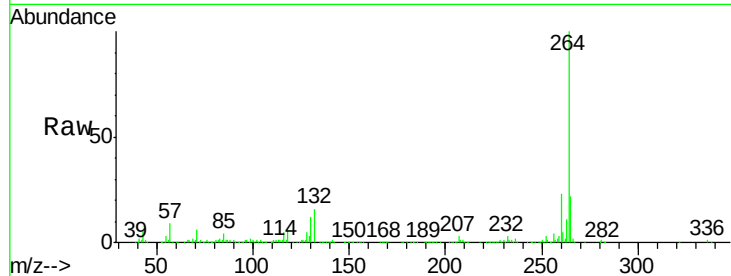
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.02 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Instrument :
BNA_F
ClientSampleId :
OR-02-041219-AMS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.1	28.7
265	21.8	17.1	25.7

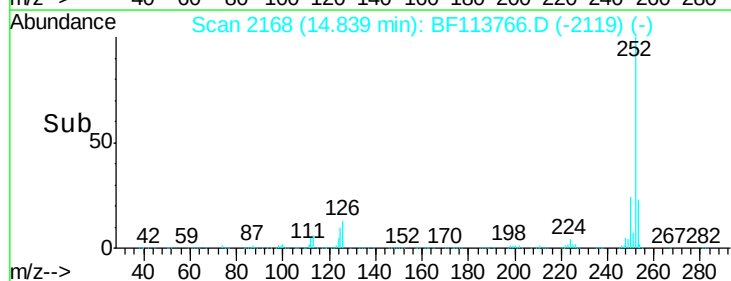
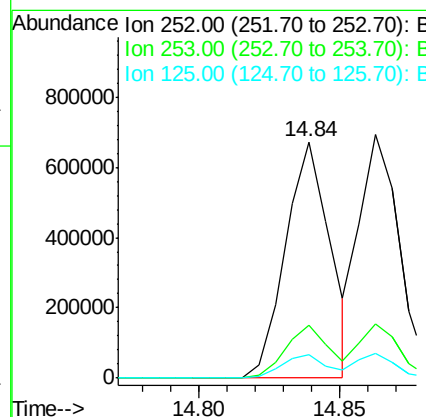
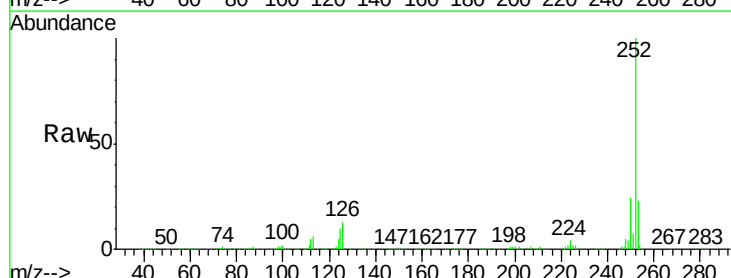
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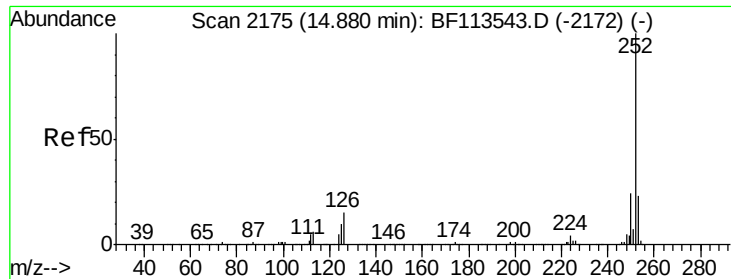
Sohil
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#88
Benzo(b)fluoranthene
Concen: 42.960 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	10.1	7.6	11.4





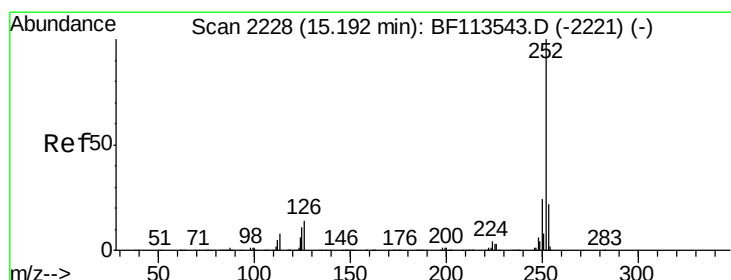
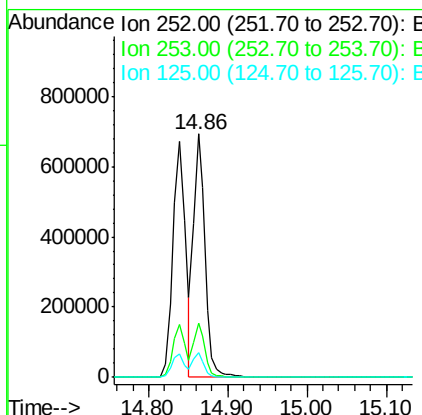
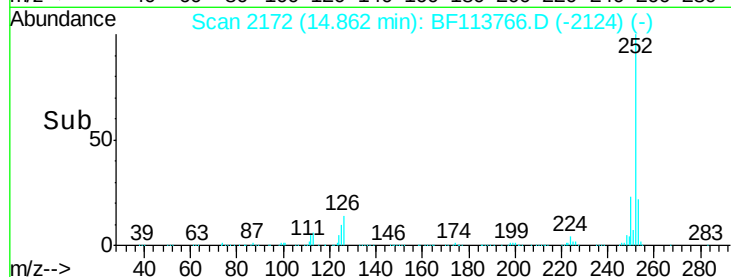
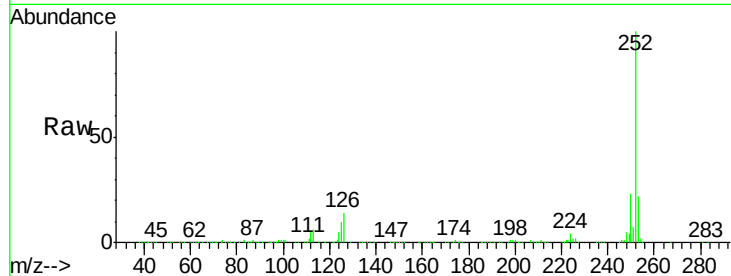
#89
Benzo(k)fluoranthene
Concen: 45.771 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Instrument :
BNA_F
ClientSampleId :
OR-02-041219-AMS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	10.2	7.3	10.9

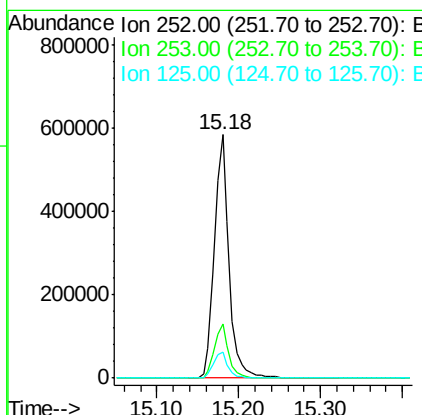
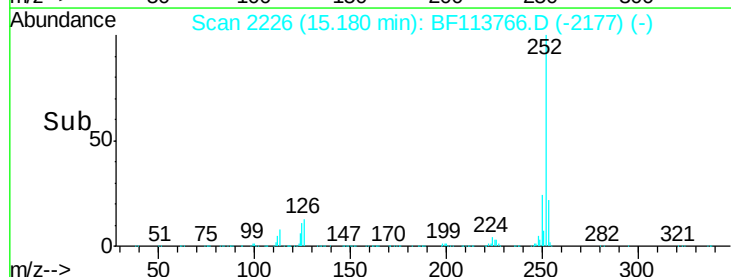
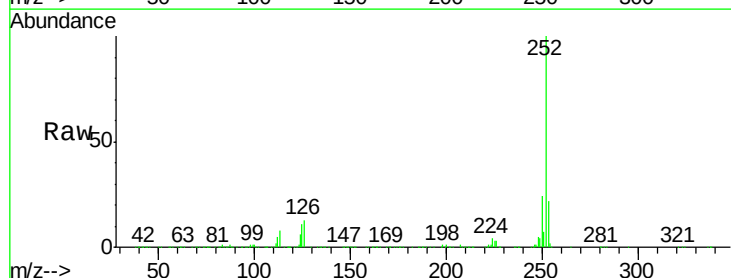
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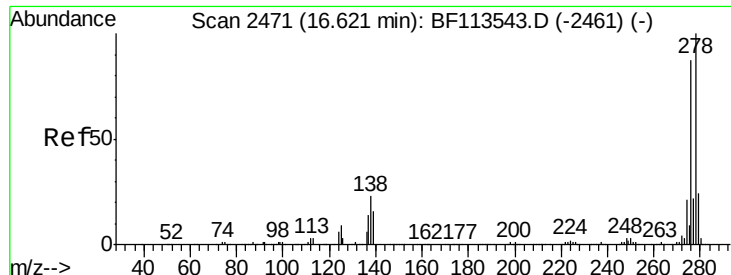
Sohil
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#90
Benzo(a)pyrene
Concen: 47.941 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	10.7	8.8	13.2





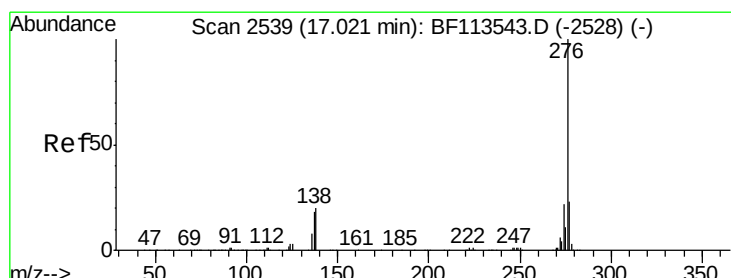
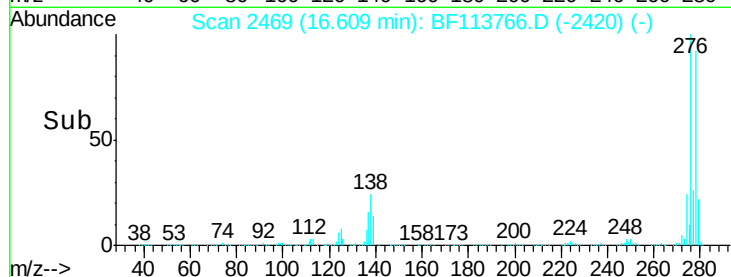
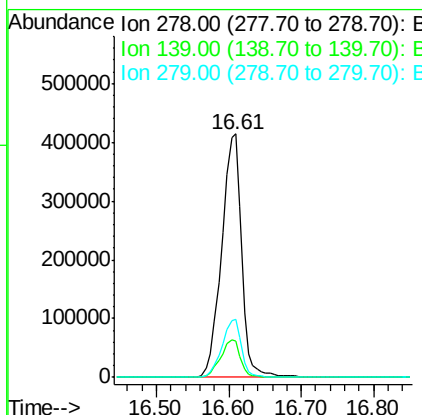
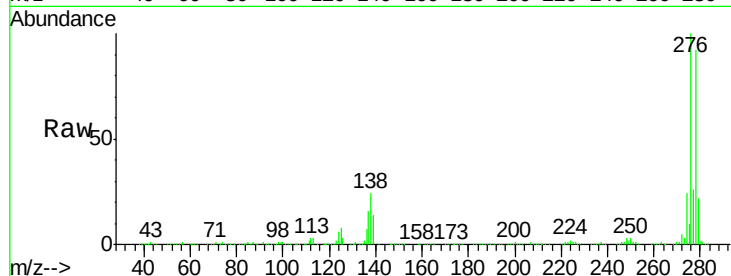
#91
Dibenzo(a,h)anthracene
Concen: 55.765 ng
RT: 16.61 min Scan# 2469
Delta R.T. -0.01 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Instrument :
BNA_F
ClientSampleId :
OR-02-041219-AMS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.1	12.0	18.0
279	23.6	19.0	28.6

Manual Integrations
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4/16/2019 5:02:54 PM



#92
Benzo(g,h,i)perylene
Concen: 57.995 ng
RT: 17.01 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BF113766.D
Acq: 15 Apr 2019 16:40

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.8	28.2
138	20.0	15.6	23.4

