

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022519\
 Data File : BF112687.D
 Acq On : 25 Feb 2019 12:53
 Operator : JU/SJ
 Sample : K1556-01MSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPMSD

Manual Integrations
 APPROVED

Sohil
 2/26/2019 2:39:01 PM

Quant Time: Feb 25 14:20:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 25 14:05:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	81494	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	312246	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	137098	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	216352	20.00	ng	0.00
76) Chrysene-d12	13.99	240	182520	20.00	ng	0.00
87) Perylene-d12	15.46	264	181198	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	643699	167.77	ng	0.00
7) Phenol-d6	6.49	99	804419	150.89	ng	0.00
23) Nitrobenzene-d5	7.39	82	517991	95.59	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	200188	125.45	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	954300	98.45	ng	0.00
79) Terphenyl-d14	12.92	244	767421	79.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	63566	41.590	ng	# 93
3) Pyridine	3.37	79	151890	39.068	ng	97
4) n-Nitrosodimethylamine	3.29	42	92342	56.533	ng	88
6) Aniline	6.49	93	185360	29.228	ng	89
8) 2-Chlorophenol	6.62	128	221746	42.963	ng	96
9) Benzaldehyde	6.37	77	90794	32.583	ng	98
10) Phenol	6.50	94	318467	54.448	ng	80
11) bis(2-Chloroethyl)ether	6.55	93	187819	40.787	ng	98
12) 1,3-Dichlorobenzene	6.76	146	236553	39.354	ng	99
13) 1,4-Dichlorobenzene	6.83	146	245655	39.710	ng	98
14) 1,2-Dichlorobenzene	6.99	146	230680	39.828	ng	96
15) Benzyl Alcohol	6.97	79	188430	41.928	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.09	45	223060	37.727	ng	96
17) 2-Methylphenol	7.10	107	171811	41.992	ng	94
18) Hexachloroethane	7.32	117	88692	40.828	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	149968	40.795	ng	99
20) 3+4-Methylphenols	7.26	107	226175	43.229	ng	# 60
22) Acetophenone	7.23	105	308082	40.520	ng	94
24) Nitrobenzene	7.40	77	223840	41.359	ng	99
25) Isophorone	7.64	82	387143	45.539	ng	98
26) 2-Nitrophenol	7.72	139	118894	41.107	ng	# 92
27) 2,4-Dimethylphenol	7.77	122	186105	46.703	ng	92
28) bis(2-Chloroethoxy)methane	7.85	93	237477	41.024	ng	98
29) 2,4-Dichlorophenol	7.98	162	181626	40.729	ng	96
30) 1,2,4-Trichlorobenzene	8.04	180	199079	38.838	ng	98
31) Naphthalene	8.12	128	638880	43.753	ng	98
32) Benzoic acid	7.91	122	38796	17.068	ng	96
33) 4-Chloroaniline	8.18	127	86006	13.527	ng	96
34) Hexachlorobutadiene	8.23	225	116701	38.797	ng	98
35) Caprolactam	8.55	113	50573	32.148	ng	95
36) 4-Chloro-3-methylphenol	8.69	107	187430	39.703	ng	98
37) 2-Methylnaphthalene	8.81	142	439914	44.008	ng	97
38) 1-Methylnaphthalene	8.91	142	403340	42.097	ng	96
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	190368	42.291	ng	99

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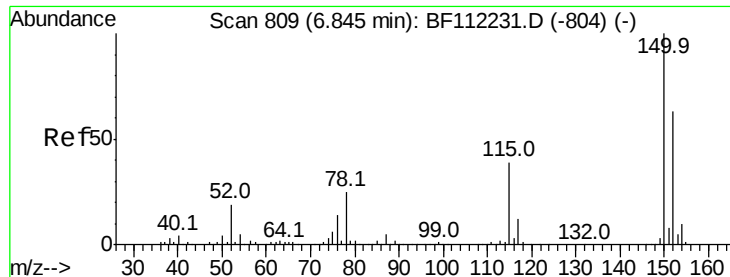
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	34159	27.148	nq	98
43) 2,4,6-Trichlorophenol	9.10	196	117695	42.417	nq	96
44) 2,4,5-Trichlorophenol	9.16	196	112290	38.721	nq	# 91
46) 1,1'-Biphenyl	9.27	154	511906	42.710	nq	98
47) 2-Chloronaphthalene	9.30	162	390028	41.963	nq	96
48) 2-Nitroaniline	9.41	65	109876	43.373	nq	88
49) Acenaphthylene	9.72	152	623905	45.798	nq	98
50) Dimethylphthalate	9.57	163	497257	46.683	nq	98
51) 2,6-Dinitrotoluene	9.65	165	96717	40.542	nq	# 64
52) Acenaphthene	9.89	154	356299	43.782	nq	98
53) 3-Nitroaniline	9.83	138	65347	25.284	nq	91
54) 2,4-Dinitrophenol	9.96	184	33363	43.577	nq	# 85
55) Dibenzofuran	10.06	168	522895	42.046	nq	91
56) 4-Nitrophenol	10.05	139	54714m	40.042	nq	
57) 2,4-Dinitrotoluene	10.06	165	122775	40.426	nq	# 72
58) Fluorene	10.40	166	418855	45.008	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.19	232	81053	36.985	nq	# 87
60) Diethylphthalate	10.26	149	437021	41.343	nq	98
61) 4-Chlorophenyl-phenylether	10.39	204	194169	38.356	nq	# 89
62) 4-Nitroaniline	10.45	138	79627	31.411	nq	90
63) Azobenzene	10.55	77	373389	40.163	nq	97
65) 4,6-Dinitro-2-methylphenol	10.48	198	33075	27.267	nq	80
66) n-Nitrosodiphenylamine	10.51	169	341413	46.822	nq	100
67) 4-Bromophenyl-phenylether	10.87	248	110119	43.275	nq	93
68) Hexachlorobenzene	10.96	284	112681	41.274	nq	95
69) Atrazine	11.03	200	93786	39.861	nq	93
70) Pentachlorophenol	11.17	266	54006	50.840	nq	98
71) Phenanthrene	11.37	178	686300	61.016	nq	97
72) Anthracene	11.42	178	579785	51.747	nq	98
73) Carbazole	11.58	167	440984	39.901	nq	99
74) Di-n-butylphthalate	11.89	149	575304	41.937	nq	98
75) Fluoranthene	12.56	202	989985	82.061	nq	99
77) Benzidine	12.67	184	113277	22.549	nq	97
78) Pyrene	12.79	202	937873	74.219	nq	99
80) Butylbenzylphthalate	13.38	149	225637	36.906	nq	95
81) Benzo(a)anthracene	13.97	228	753253	70.204	nq	98
82) 3,3'-Dichlorobenzidine	13.93	252	123240	30.691	nq	98
83) Chrysene	14.02	228	668594	65.281	nq	99
84) Bis(2-ethylhexyl)phthalate	13.93	149	309749	35.692	nq	95
85) Di-n-octyl phthalate	14.54	149	550040	41.195	nq	99
86) Indeno(1,2,3-cd)pyrene	16.96	276	542840	66.890	nq	95
88) Benzo(b)fluoranthene	15.03	252	855190	78.918	nq	100
89) Benzo(k)fluoranthene	15.06	252	577591	55.646	nq	99
90) Benzo(a)pyrene	15.40	252	709401	72.755	nq	99
91) Dibenzo(a,h)anthracene	16.94	278	359299	45.721	nq	98
92) Benzo(g,h,i)perylene	17.40	276	441222	59.512	nq	95

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



#1

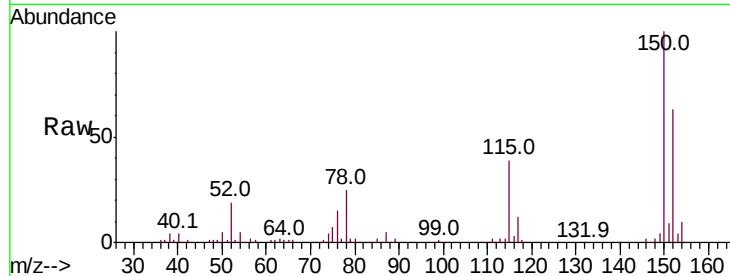
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

Instrument :
BNA_F
ClientSampleId :
COMPMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	127.4	191.0
115	60.9	45.5	68.3

Manual Integrations
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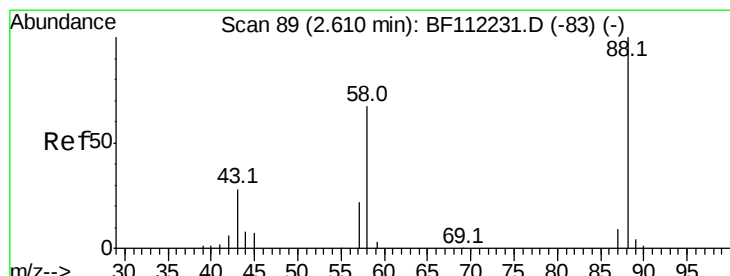
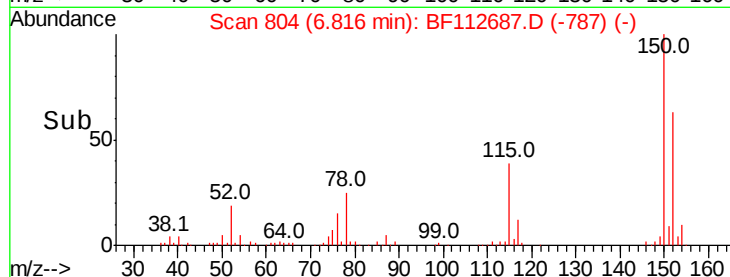
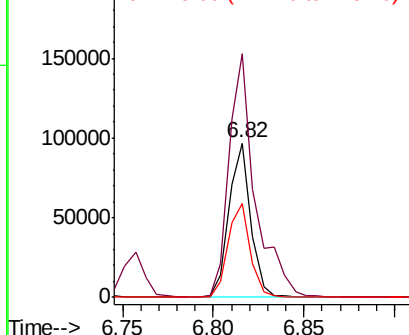


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

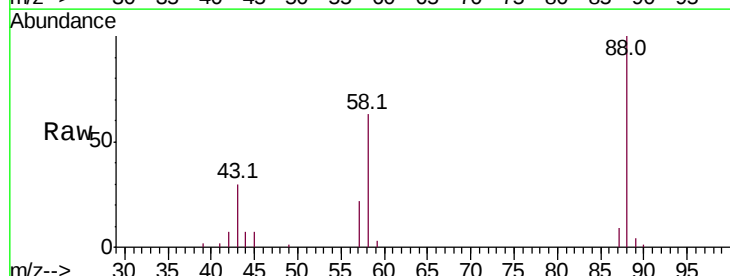
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 41.590 ng
RT: 2.57 min Scan# 83
Delta R.T. 0.03 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.5	57.4	86.2
43	33.6	22.2	33.4

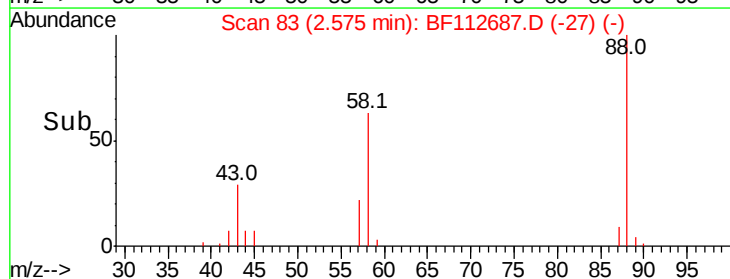
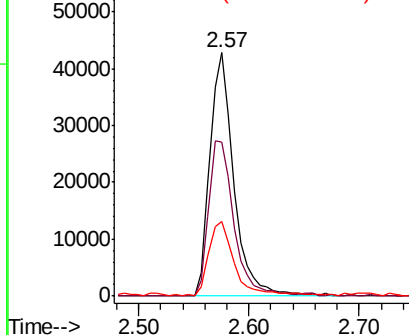


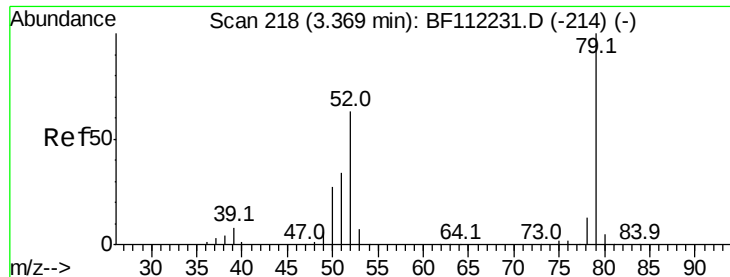
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 39.068 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.06 min

Lab File: BF112687.D

Acq: 25 Feb 2019 12:53

Instrument :

BNA_F

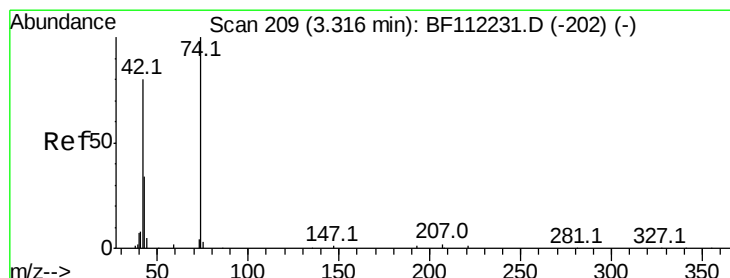
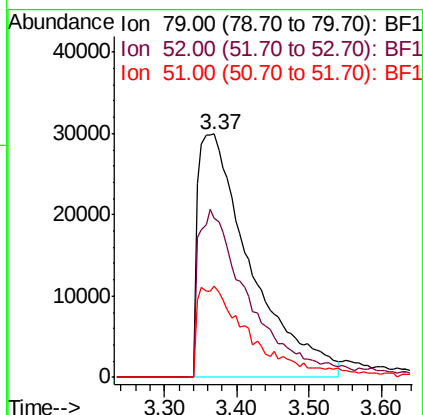
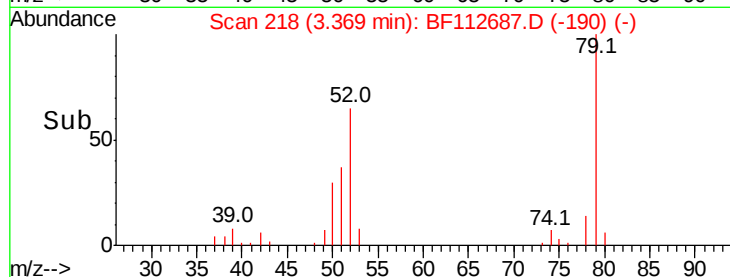
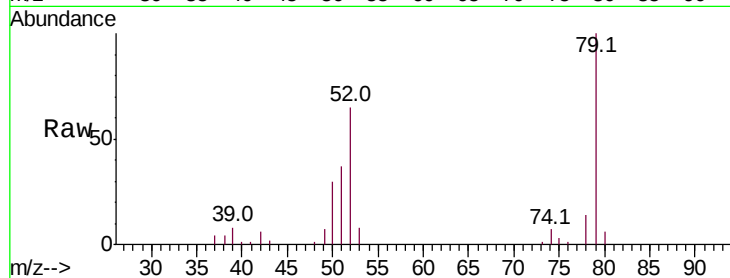
ClientSampleId :

COMPMSD

Tot Ion:	79	Resp:	151890
Ion	Ratio	Lower	Upper
79	100		
52	65.4	52.4	78.6
51	37.4	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 56.533 ng

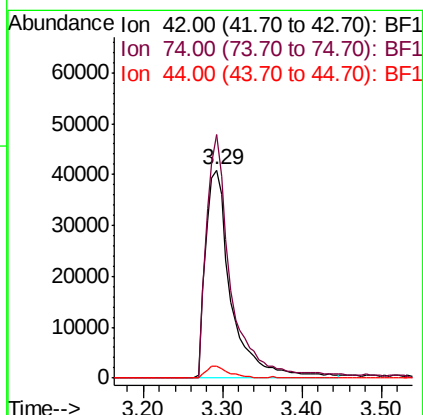
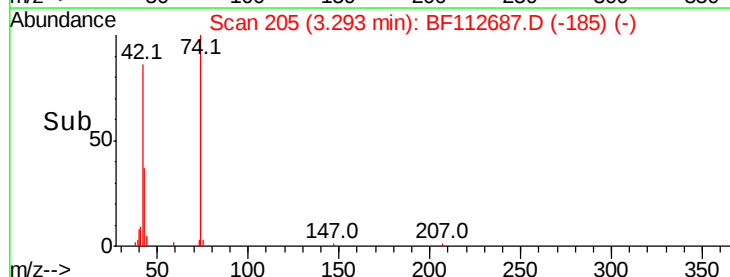
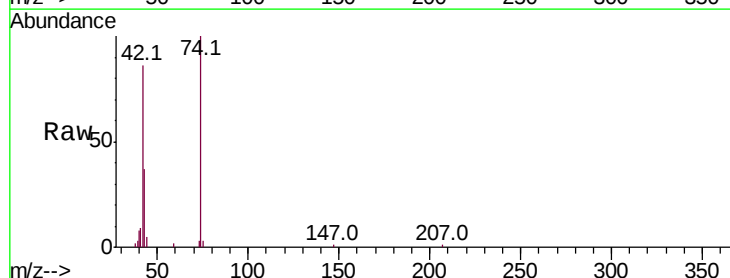
RT: 3.29 min Scan# 205

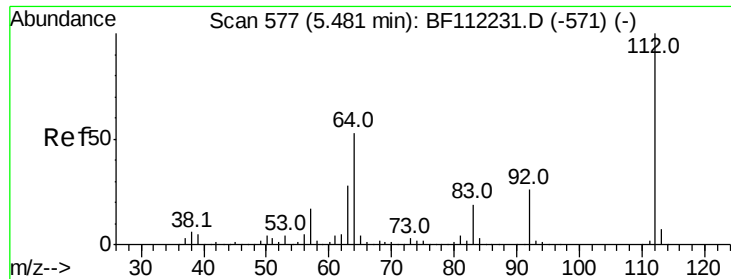
Delta R.T. 0.02 min

Lab File: BF112687.D

Acq: 25 Feb 2019 12:53

Tgt Ion:	42	Resp:	92342
Ion	Ratio	Lower	Upper
42	100		
74	117.0	105.6	158.4
44	5.6	5.4	8.2





#5

2-Fluorophenol

Concen: 167.774 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF112687.D

Acq: 25 Feb 2019 12:53

Instrument :

BNA_F

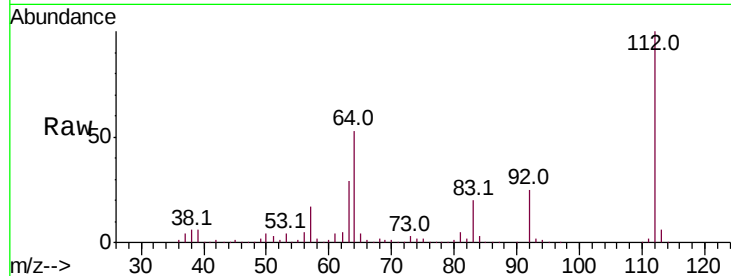
ClientSampleId :

COMPMSD

Tot Ion:	112	Resp:	643699
Ion Ratio	Lower	Upper	
112	100		
64	53.3	45.7	68.5
63	29.5	23.6	35.4

Manual Integrations
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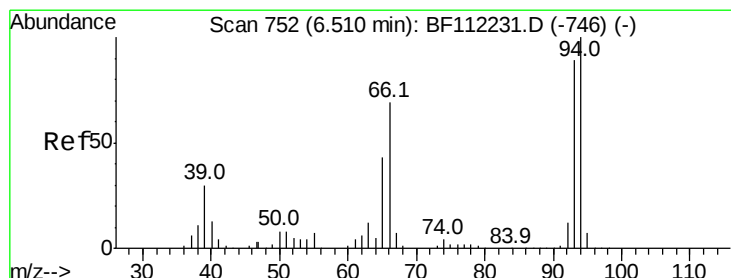
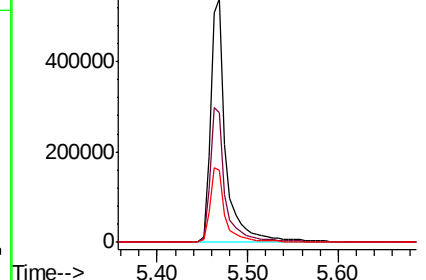
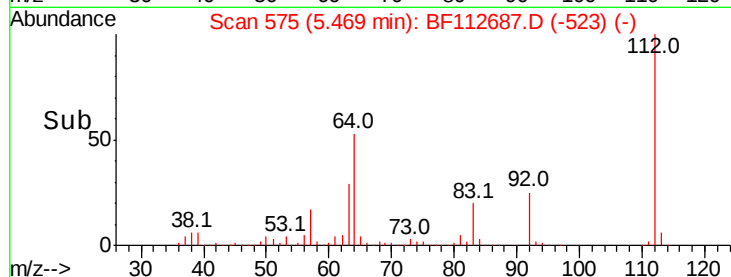
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 29.228 ng

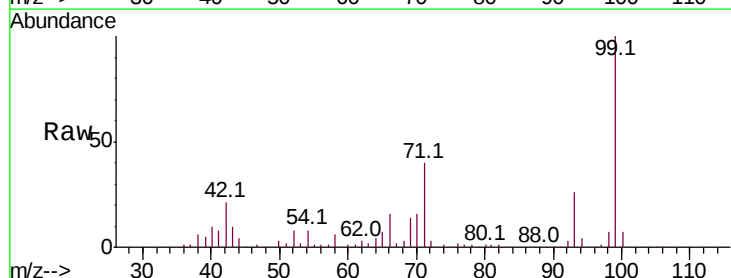
RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF112687.D

Acq: 25 Feb 2019 12:53

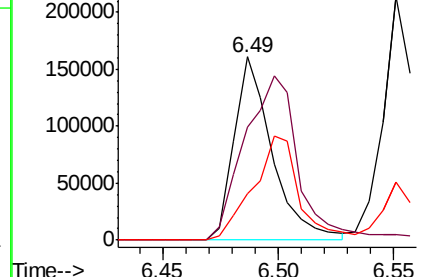
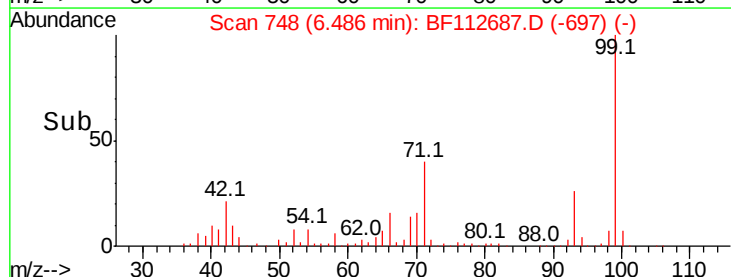
Tgt Ion:	93	Resp:	185360
Ion Ratio	Lower	Upper	
93	100		
66	61.9	43.4	65.2
65	25.4	25.3	37.9

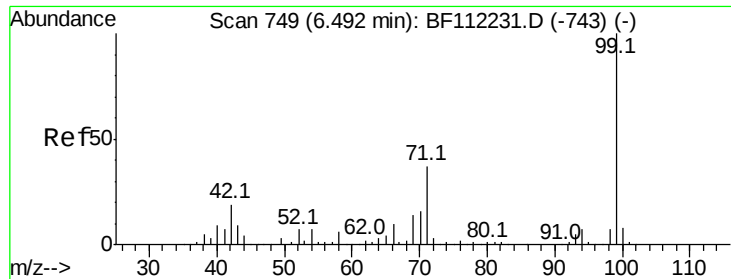


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 150.886 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF112687.D

Acq: 25 Feb 2019 12:53

Instrument :

BNA_F

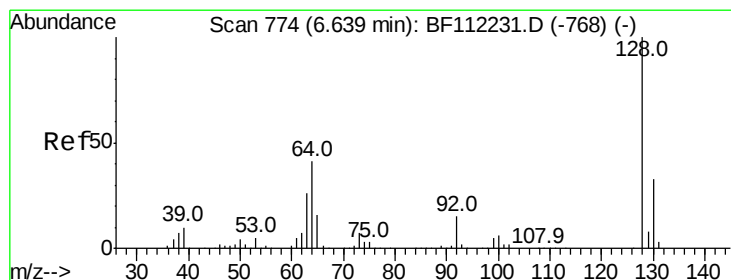
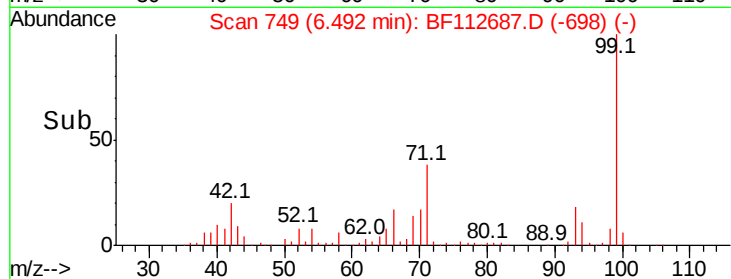
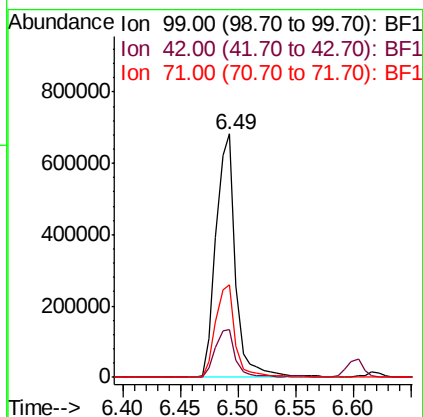
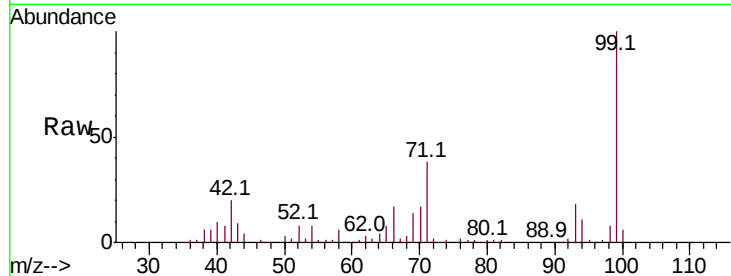
ClientSampleId :

COMPMSD

Tot Ion:	99	Resp:	804419
Ion Ratio	Lower	Upper	
99	100		
42	19.6	15.1	22.7
71	37.8	26.9	40.3

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#8

2-Chlorophenol

Concen: 42.963 ng

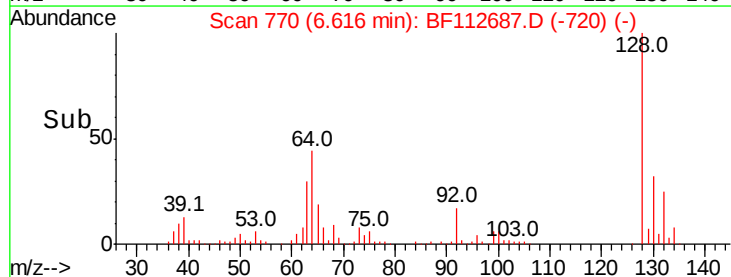
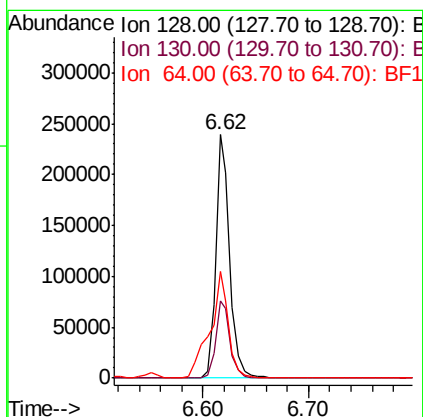
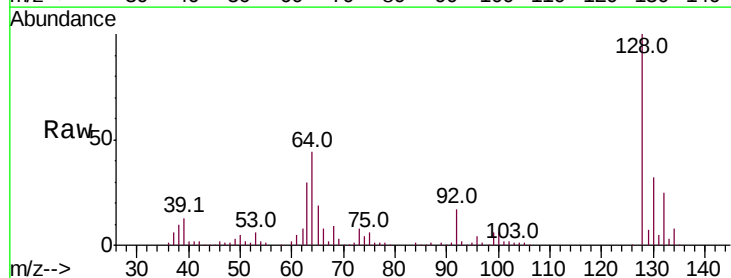
RT: 6.62 min Scan# 770

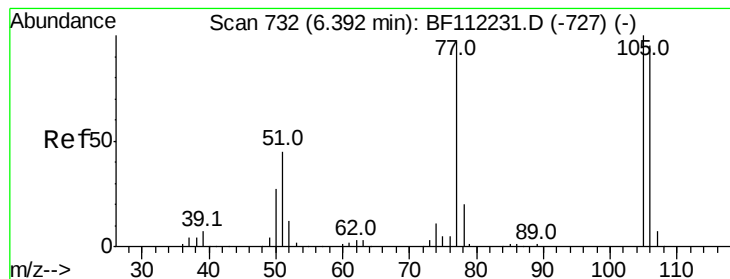
Delta R.T. -0.01 min

Lab File: BF112687.D

Acq: 25 Feb 2019 12:53

Tgt Ion:	128	Resp:	221746
Ion Ratio	Lower	Upper	
128	100		
130	31.6	13.4	53.4
64	43.8	20.5	60.5





#9

Benzaldehyde

Concen: 32.583 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF112687.D

Acq: 25 Feb 2019 12:53

Instrument :

BNA_F

ClientSampled :

COMPMSSD

Tot Ion: 77 Resp: 90794

Ion Ratio Lower Upper

77 100

105 101.7 80.8 120.8

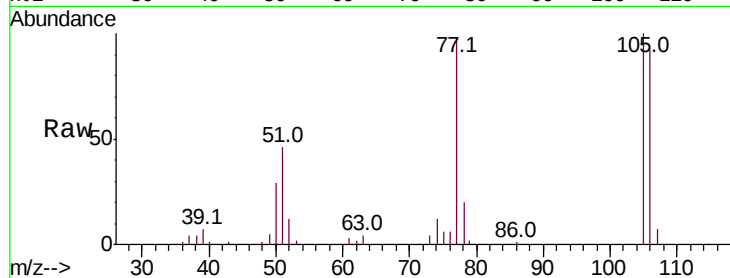
106 93.3 75.7 115.7

Manual Integrations

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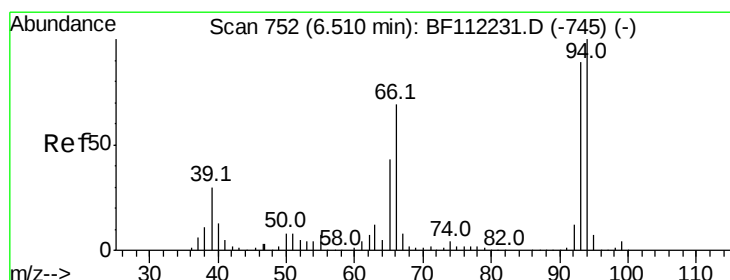
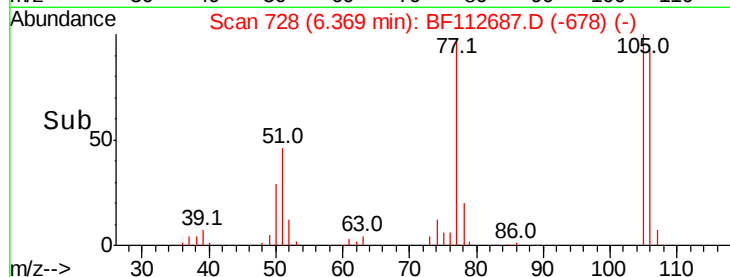
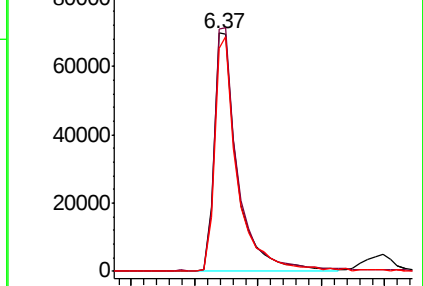
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 54.448 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF112687.D

Acq: 25 Feb 2019 12:53

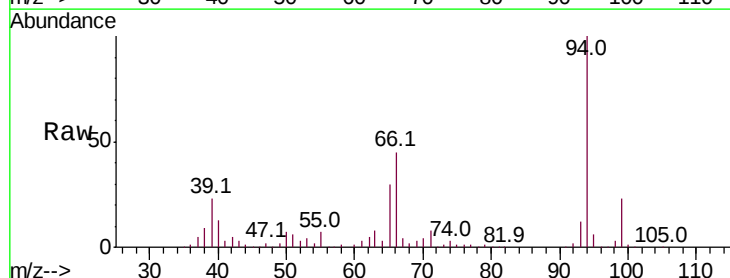
Tgt Ion: 94 Resp: 318467

Ion Ratio Lower Upper

94 100

65 30.4 20.3 60.3

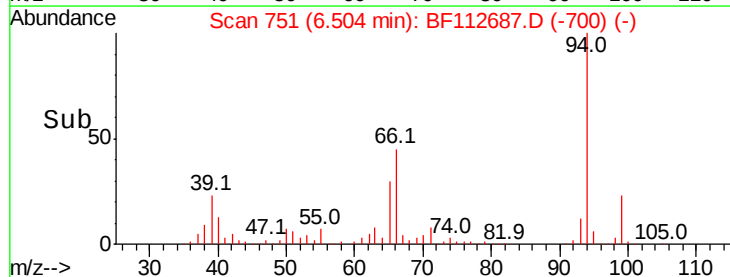
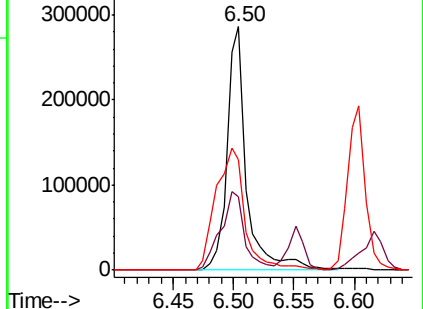
66 45.5 42.4 82.4

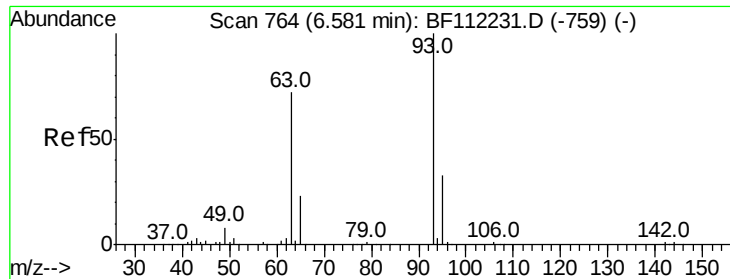


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





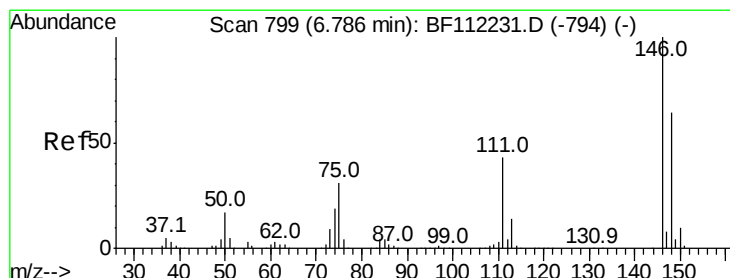
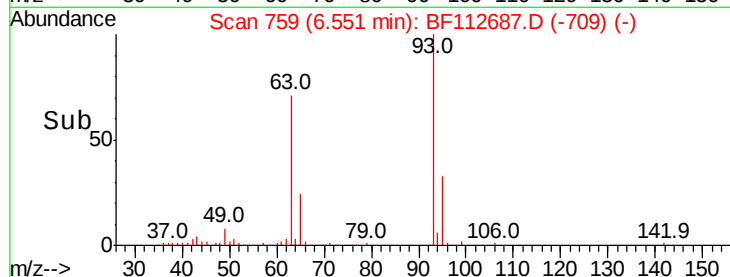
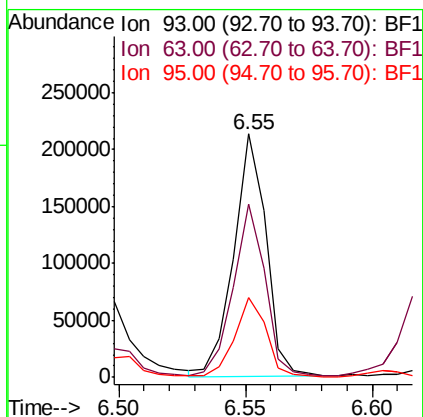
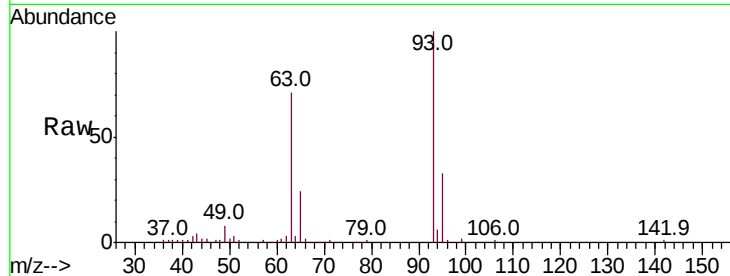
#11
bis(2-Chloroethyl)ether
Concen: 40.787 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

Instrument :
BNA_F
ClientSampleId :
COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	187819		
63	71.0		53.3	93.3
95	33.0		13.4	53.4

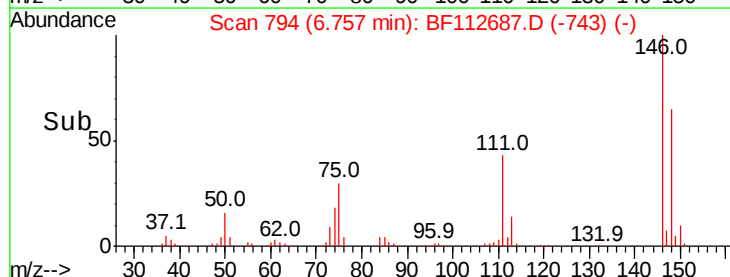
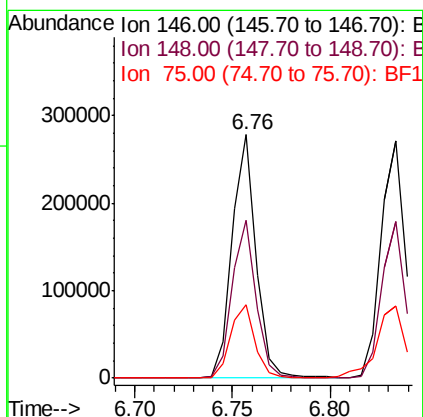
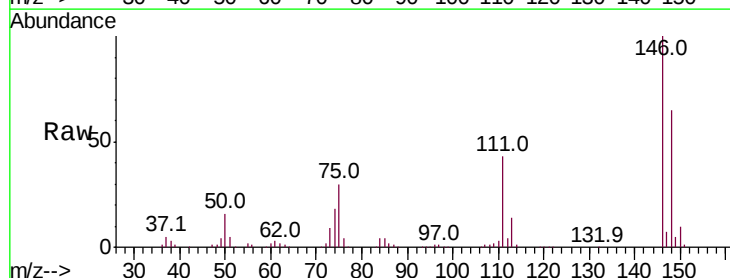
Manual Integrations
APPROVED

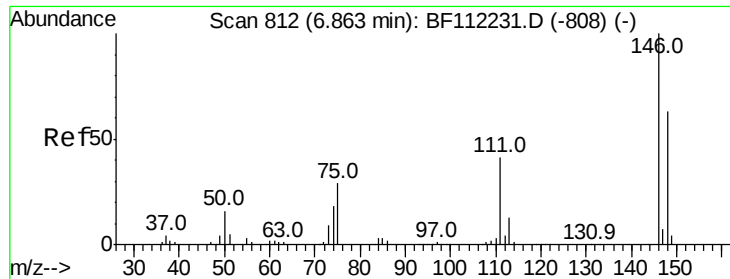
Sohil
2/26/2019 2:39:01 PM



#12
1,3-Dichlorobenzene
Concen: 39.354 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	236553		
148	64.7		51.8	77.8
75	30.4		23.1	34.7





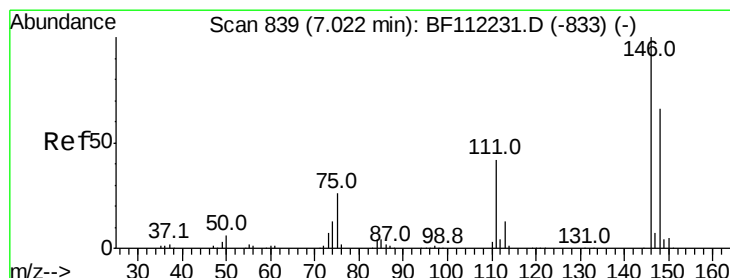
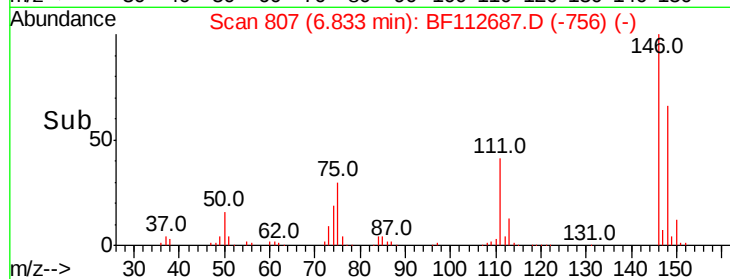
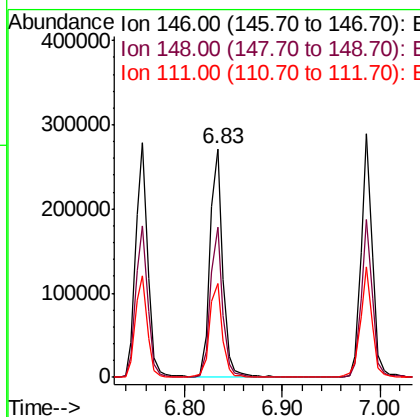
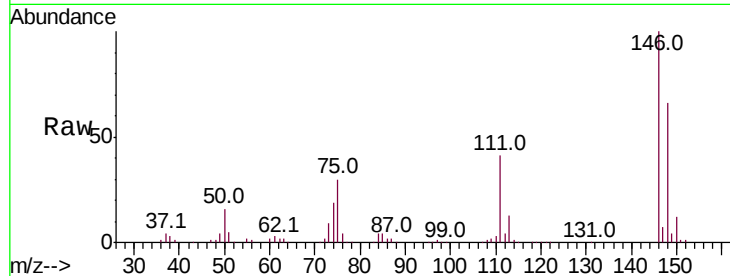
#13
 1,4-Dichlorobenzene
 Concen: 39.710 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF112687.D
 Acq: 25 Feb 2019 12:53

Instrument :
 BNA_F
 ClientSampleId :
 COMPMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.9	52.0	78.0
111	41.1	31.2	46.8

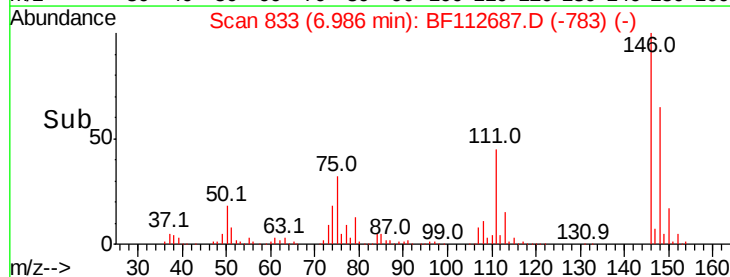
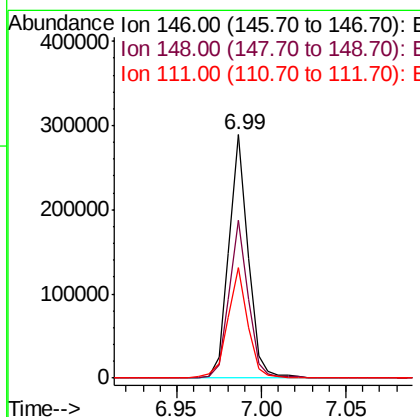
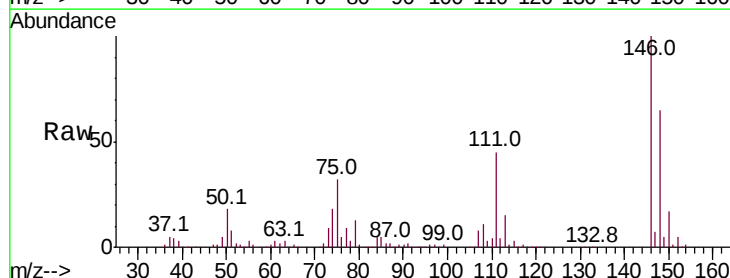
Manual Integrations
 APPROVED

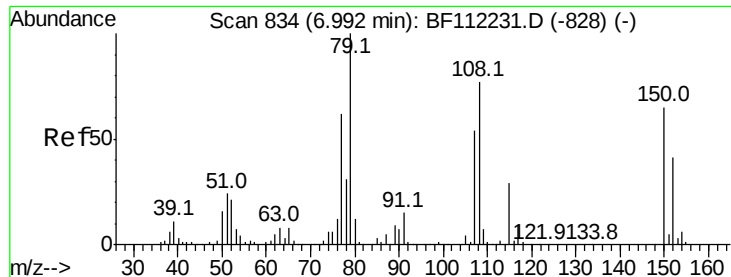
Sohil
 2/26/2019 2:39:01 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.828 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF112687.D
 Acq: 25 Feb 2019 12:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.2	78.4
111	45.4	31.2	46.8





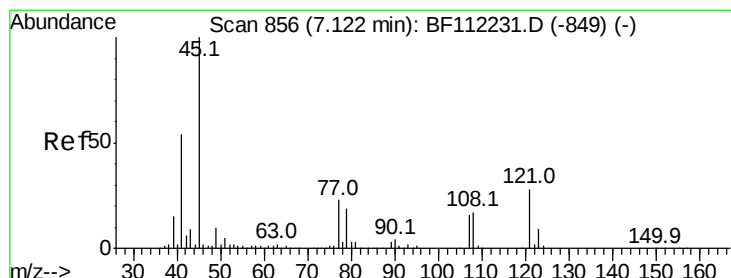
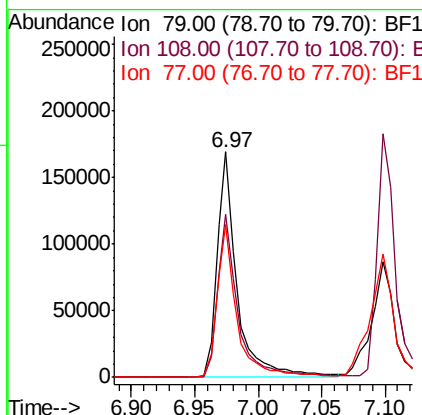
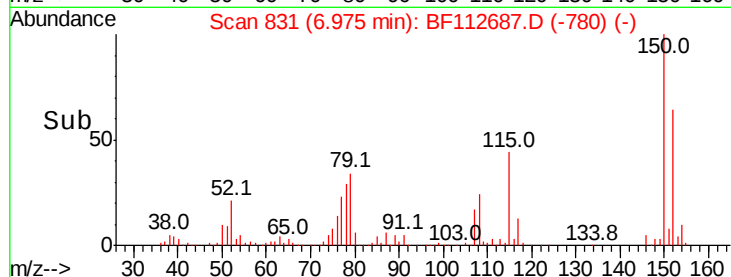
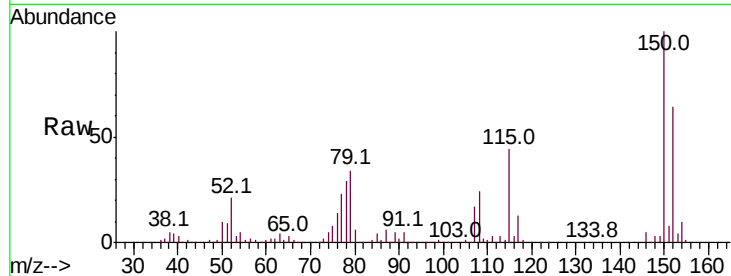
#15
Benzyl Alcohol
Concen: 41.928 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

Instrument :
BNA_F
ClientSampled :
COMPMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.6	64.2	96.2
77	67.6	50.3	75.5

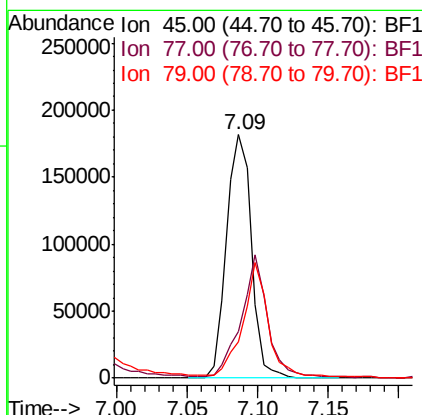
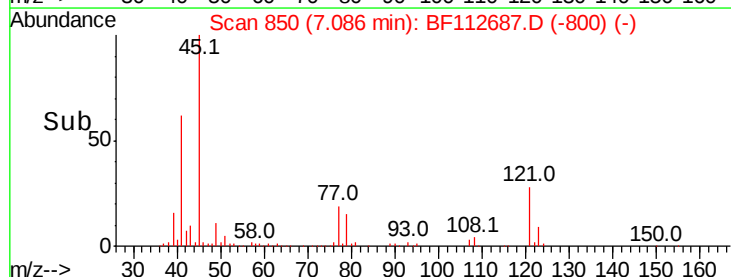
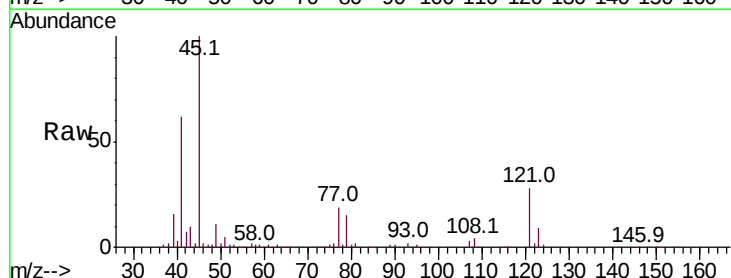
Manual Integrations
APPROVED

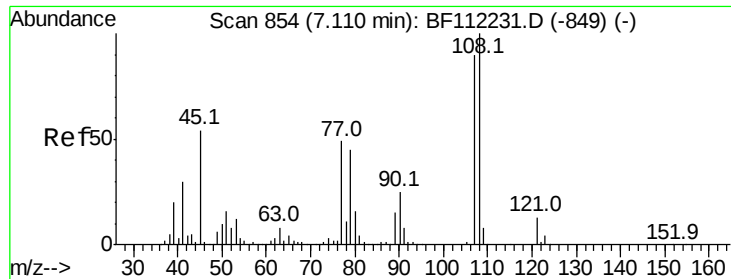
Sohil
2/26/2019 2:39:01 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.727 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

Tgt Ion	Ratio	Lower	Upper
45	100		
77	19.0	0.0	36.9
79	15.2	0.0	34.0





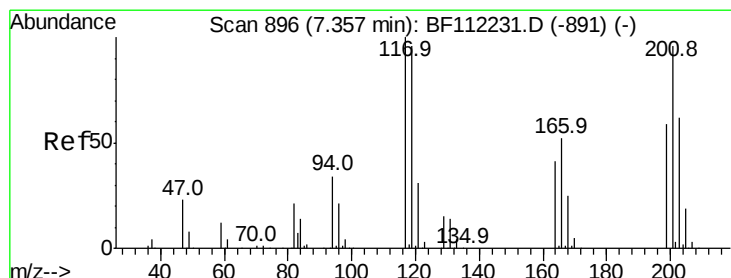
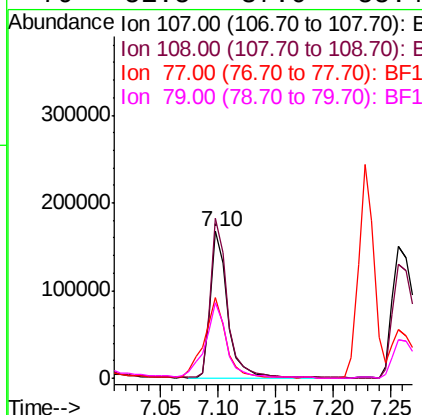
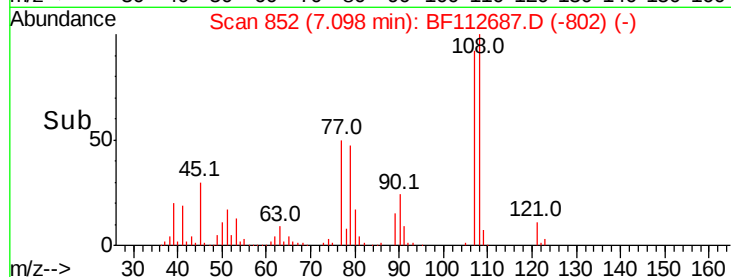
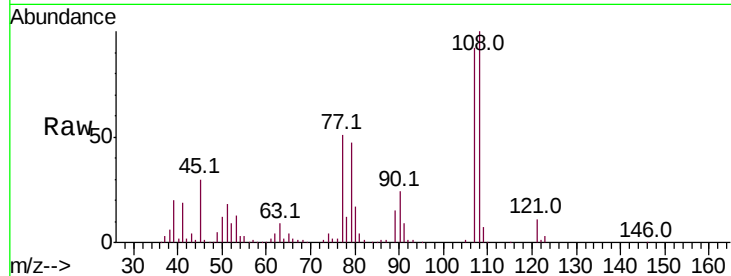
#17
2-Methylphenol
Concen: 41.992 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

Instrument :
BNA_F
ClientSampled :
COMPMSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.1	91.3	136.9
77	55.2	39.0	58.6
79	51.5	37.0	55.4

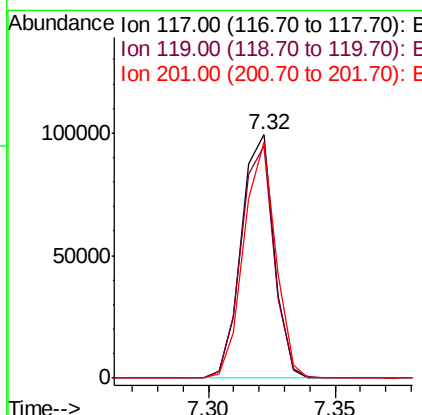
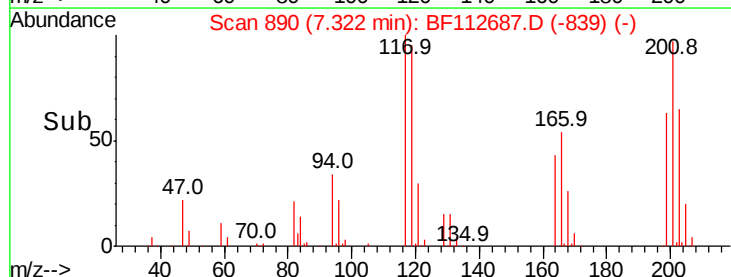
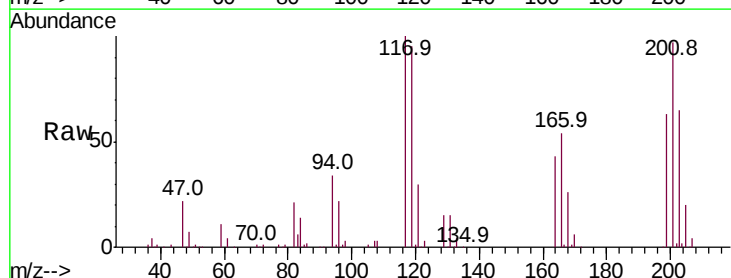
Manual Integrations
APPROVED

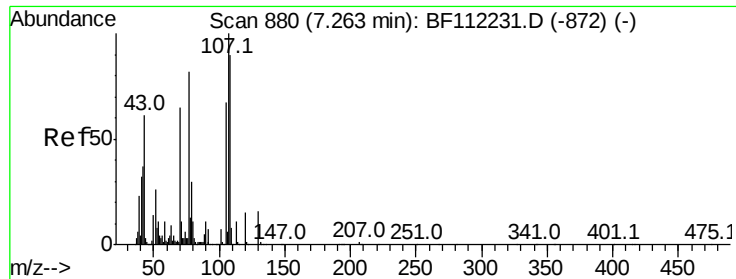
Sohil
2/26/2019 2:39:01 PM



#18
Hexachloroethane
Concen: 40.828 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	77.0	115.4
201	96.8	74.1	111.1





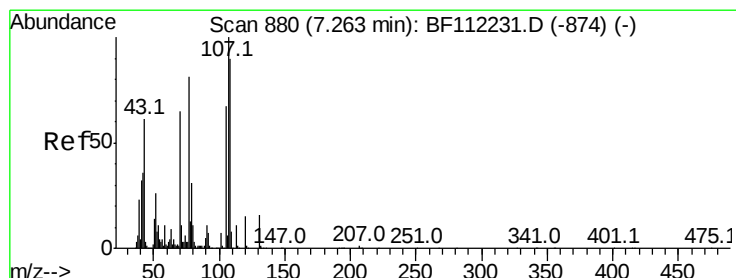
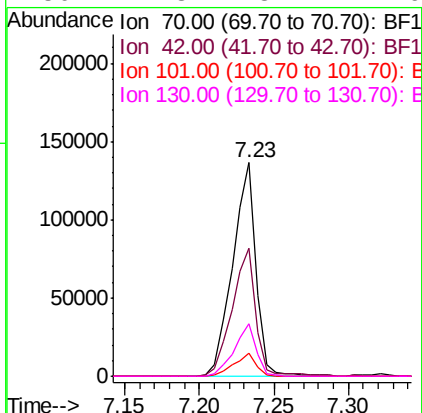
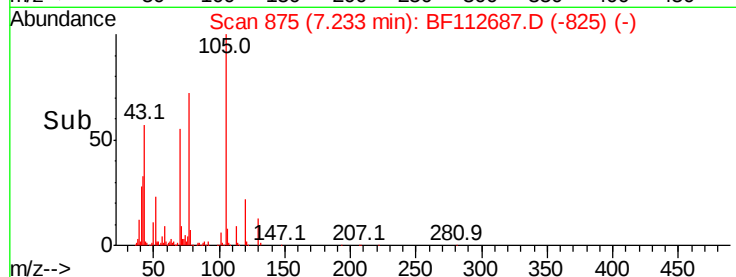
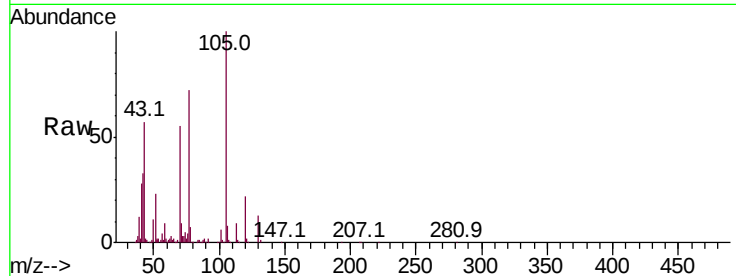
#19
n-Nitroso-di-n-propylamine
Concen: 40.795 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

Instrument :
BNA_F
ClientSampleId :
COMPMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.9	47.6	71.4
101	10.7	7.9	11.9
130	24.3	18.4	27.6

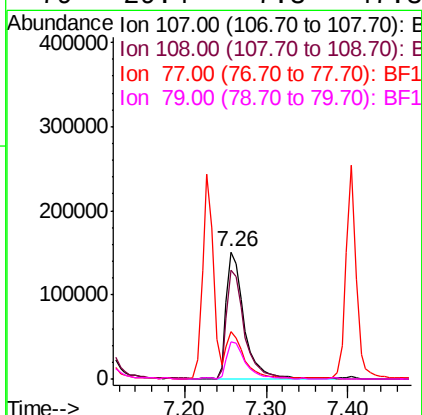
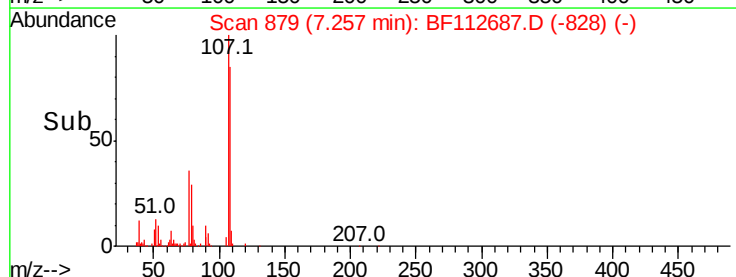
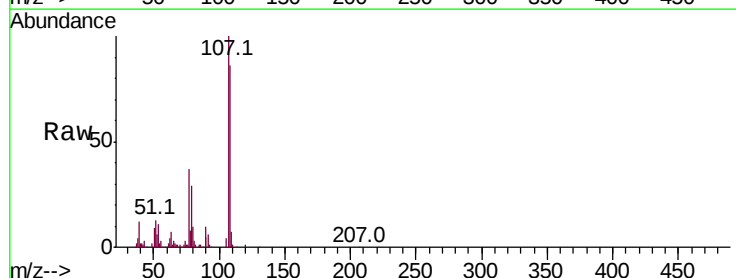
Manual Integrations
APPROVED

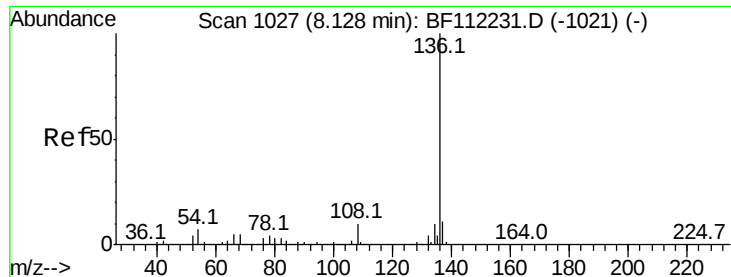
Sohil
2/26/2019 2:39:01 PM



#20
3+4-Methylphenols
Concen: 43.229 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.8	68.2	108.2
77	37.2	100.7	140.7#
79	29.4	7.3	47.3





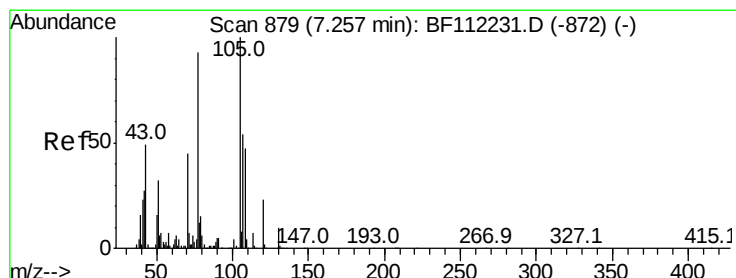
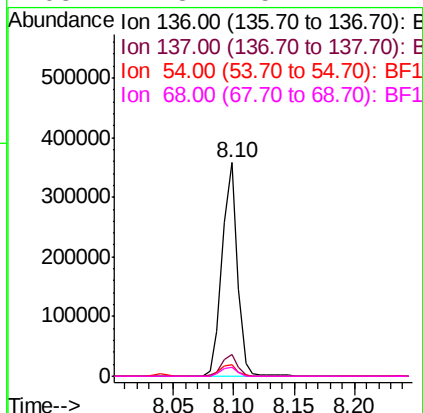
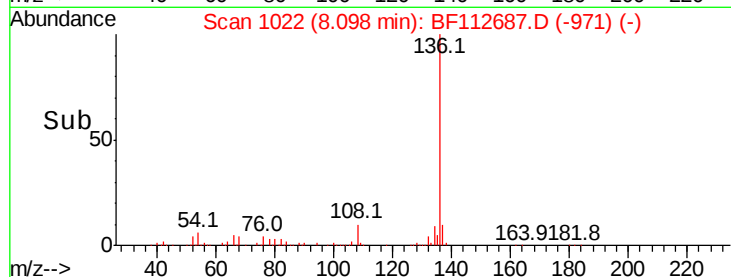
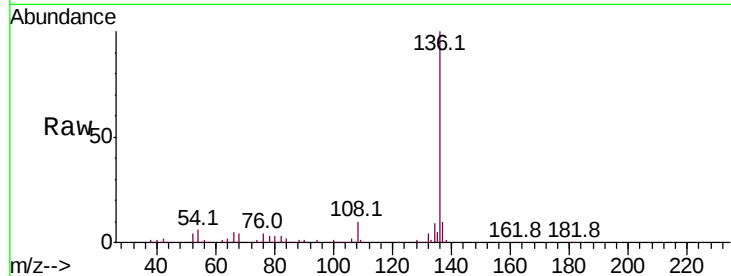
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

Instrument :
BNA_F
ClientSampleId :
COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.3	9.1	13.7	
54	5.6	5.9	8.9#	
68	4.3	5.1	7.7#	

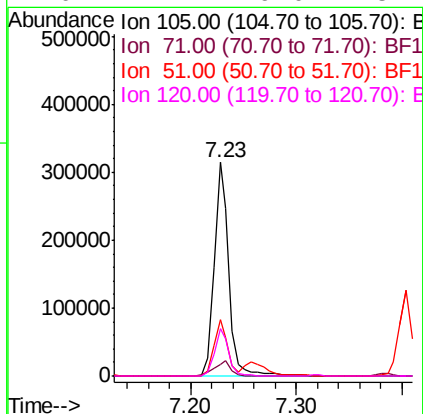
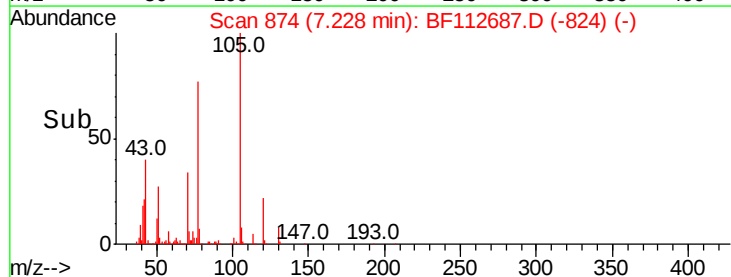
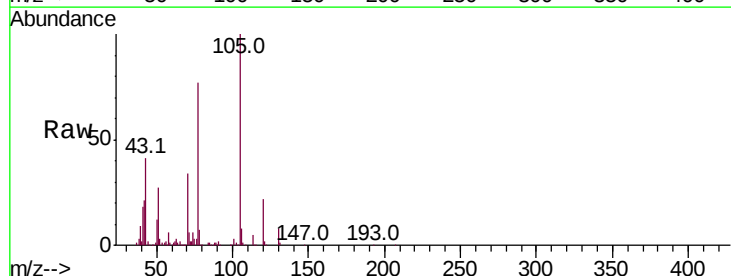
Manual Integrations
APPROVED

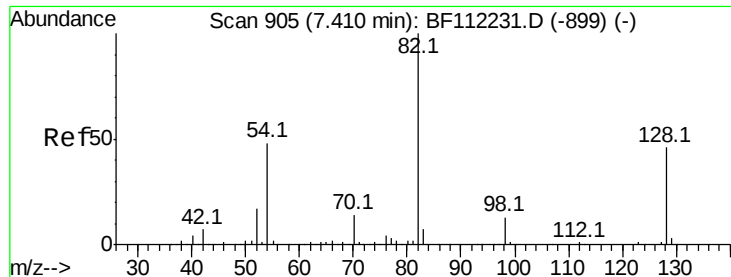
Sohil
2/26/2019 2:39:01 PM



#22
Acetophenone
Concen: 40.520 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.7	4.6	6.8	
51	26.5	25.0	37.6	
120	22.1	19.0	28.4	





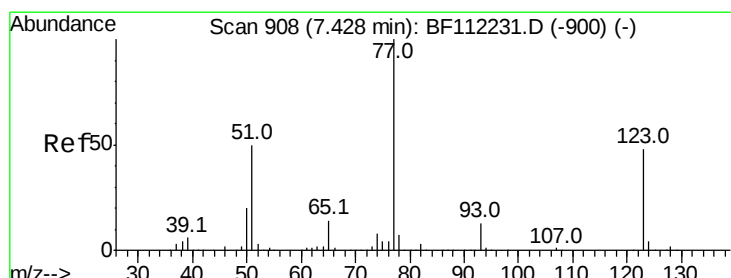
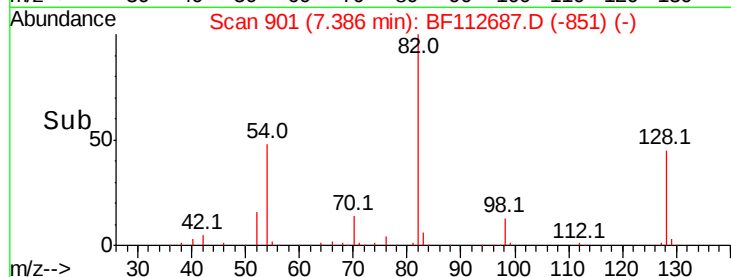
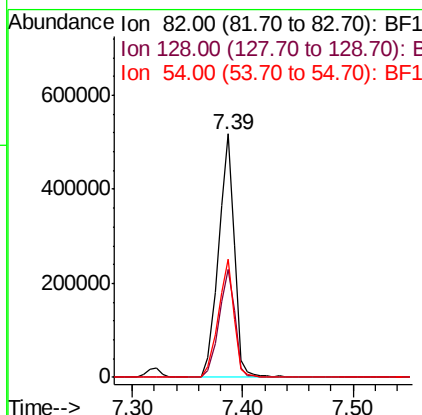
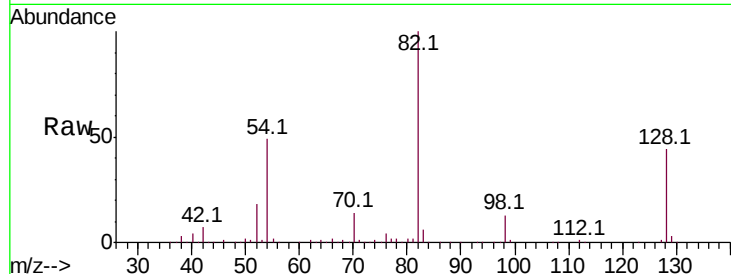
#23
Nitrobenzene-d5
Concen: 95.587 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

Instrument :
BNA_F
ClientSampleId :
COMPMDS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.5	37.8	56.8
54	48.8	39.7	59.5

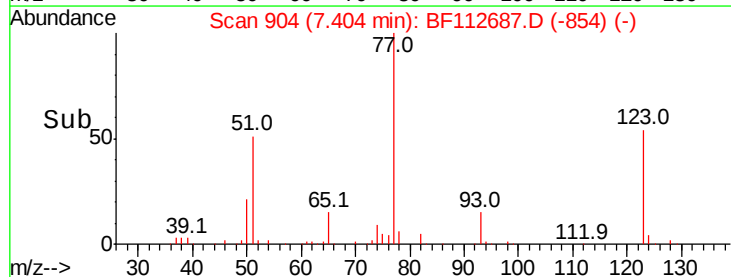
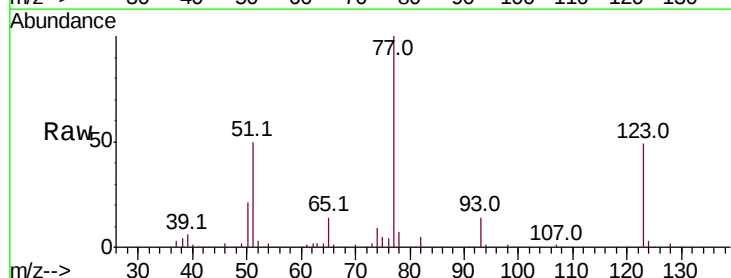
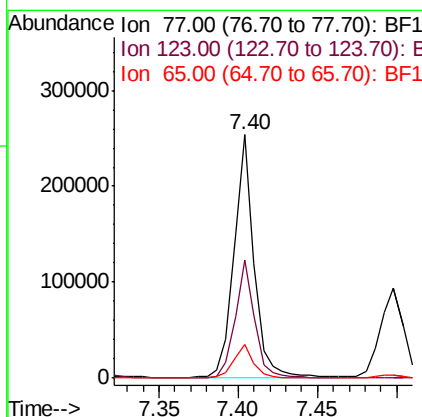
Manual Integrations
APPROVED

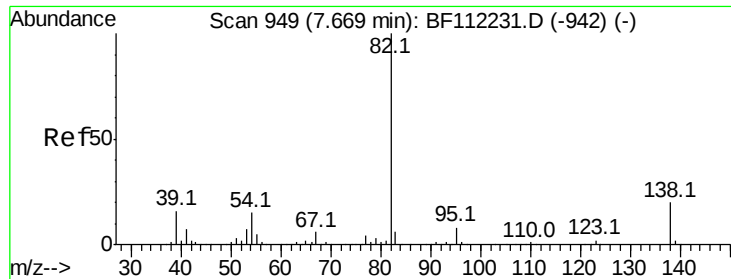
Sohil
2/26/2019 2:39:01 PM



#24
Nitrobenzene
Concen: 41.359 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.8	38.4	57.6
65	14.0	10.6	15.8





#25

Isophorone

Concen: 45.539 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF112687.D

Acq: 25 Feb 2019 12:53

Instrument :

BNA_F

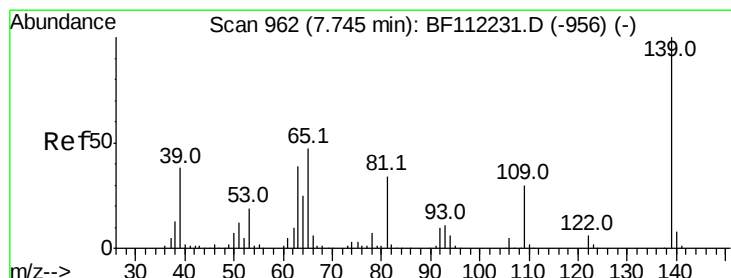
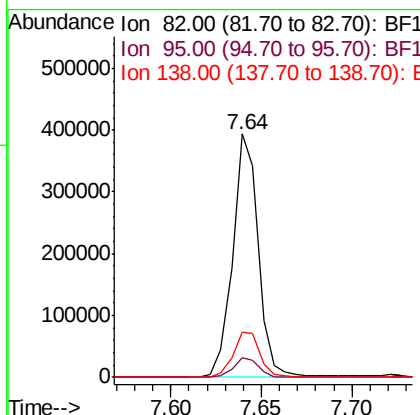
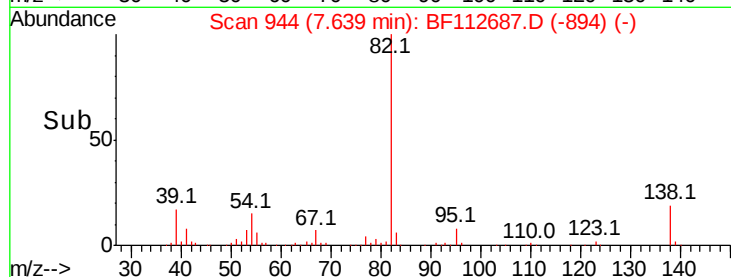
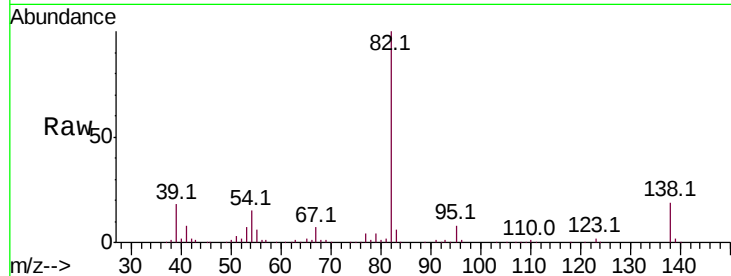
ClientSampleId :

COMPMSD

Tot Ion:	82	Resp:	387143
Ion Ratio	Lower	Upper	
82	100		
95	8.1	5.7	8.5
138	18.5	15.4	23.0

Manual Integrations
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Sohil
2/26/2019 2:39:01 PM



#26

2-Nitrophenol

Concen: 41.107 ng

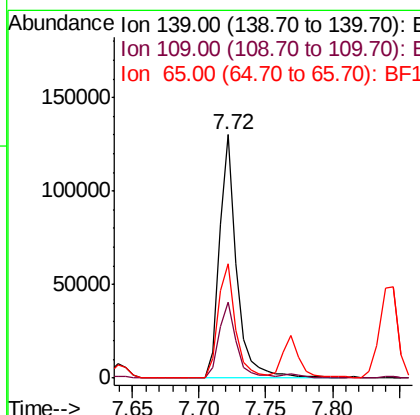
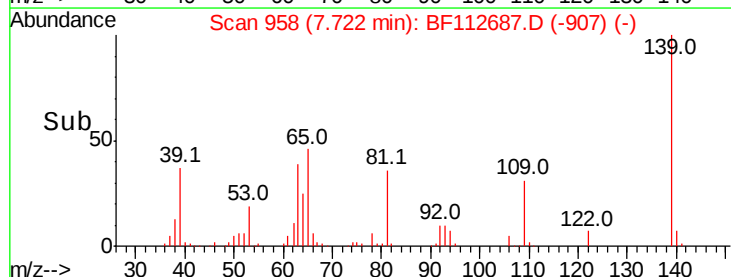
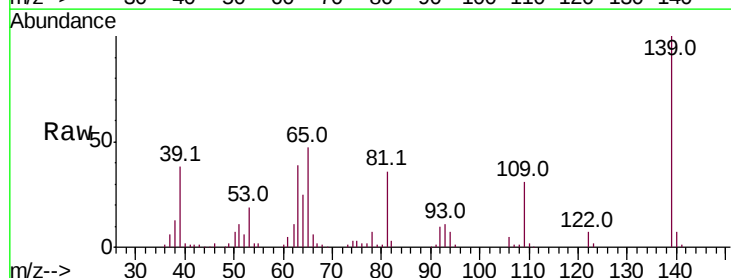
RT: 7.72 min Scan# 958

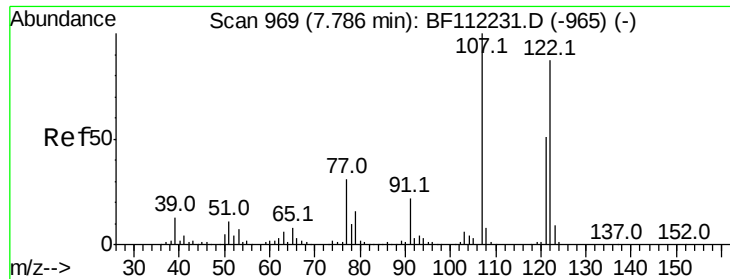
Delta R.T. -0.00 min

Lab File: BF112687.D

Acq: 25 Feb 2019 12:53

Tgt Ion:	139	Resp:	118894
Ion Ratio	Lower	Upper	
139	100		
109	31.4	20.8	31.2#
65	46.9	34.4	51.6





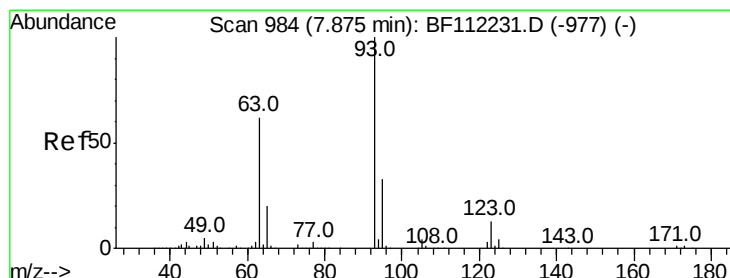
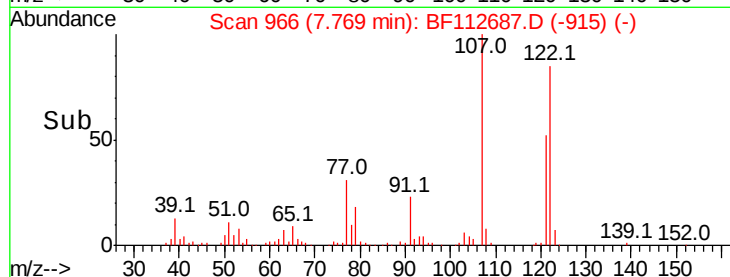
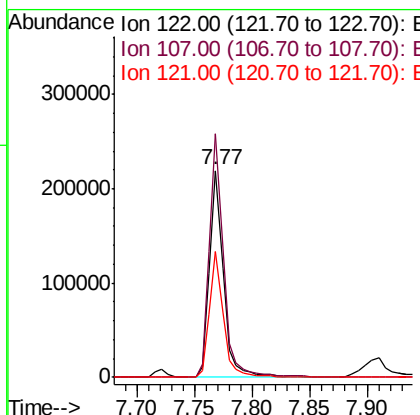
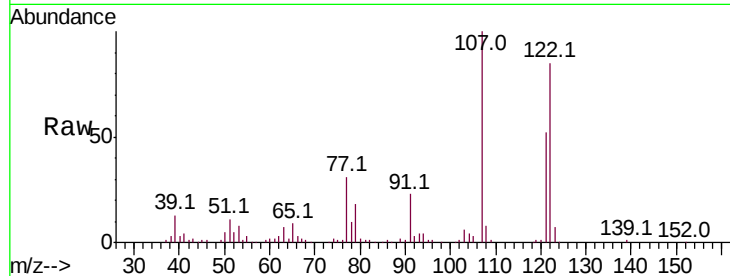
#27
2,4-Dimethylphenol
Concen: 46.703 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

Instrument :
BNA_F
ClientSampleId :
COMPMSSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	186105		
107	117.8	85.4	128.0	
121	61.0	47.0	70.4	

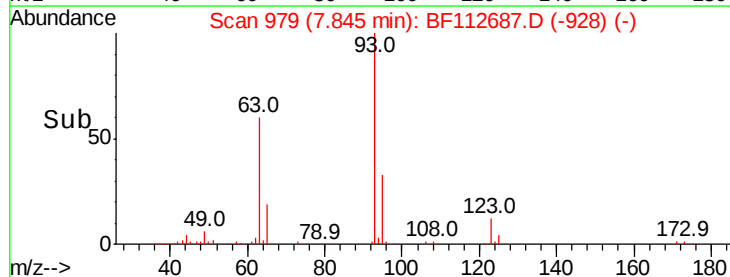
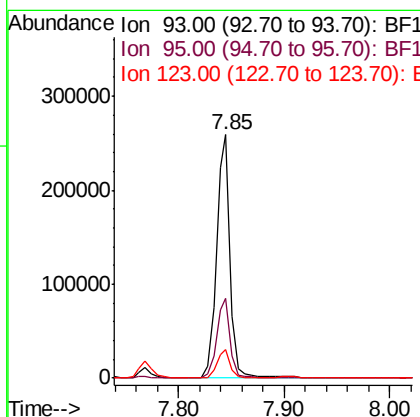
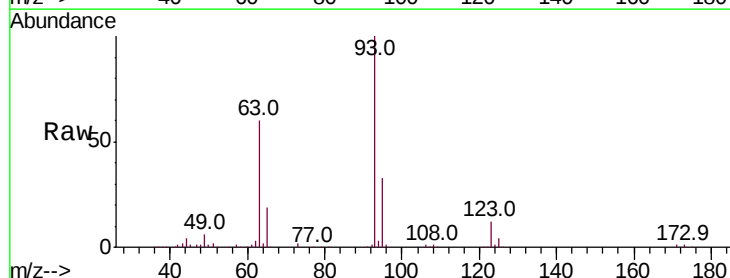
Manual Integrations
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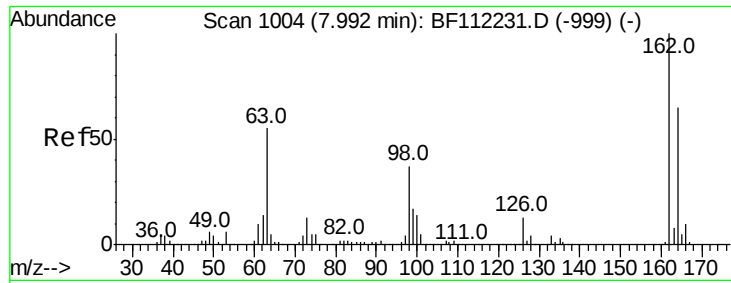
Sohil
2/26/2019 2:39:01 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.024 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.00 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	237477		
95	32.7	26.8	40.2	
123	11.6	10.2	15.2	





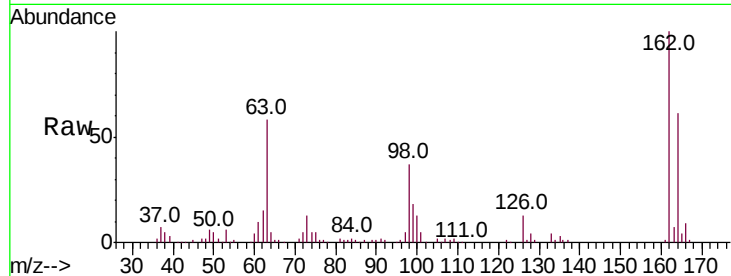
#29
 2,4-Dichlorophenol
 Concen: 40.729 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. -0.00 min
 Lab File: BF112687.D
 Acq: 25 Feb 2019 12:53

Instrument :
 BNA_F
 ClientSampled :
 COMPMSSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	61.3	44.6	84.6
98	36.8	14.6	54.6

Manual Integrations
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Sohil
 2/26/2019 2:39:01 PM

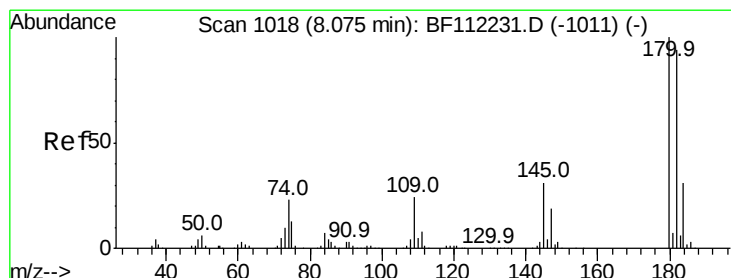
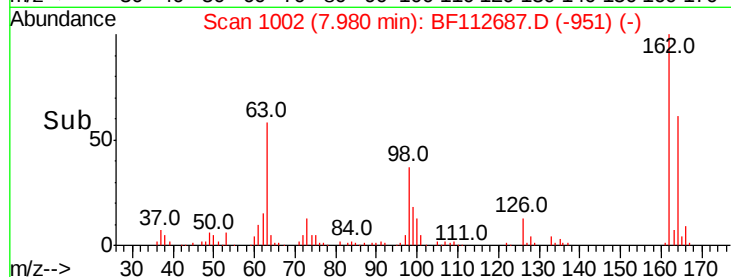
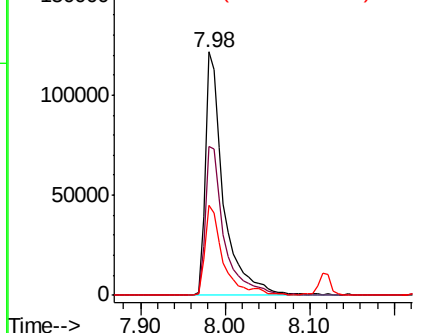


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 38.838 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BF112687.D
 Acq: 25 Feb 2019 12:53

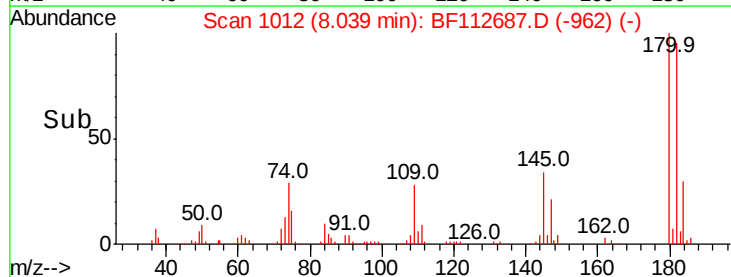
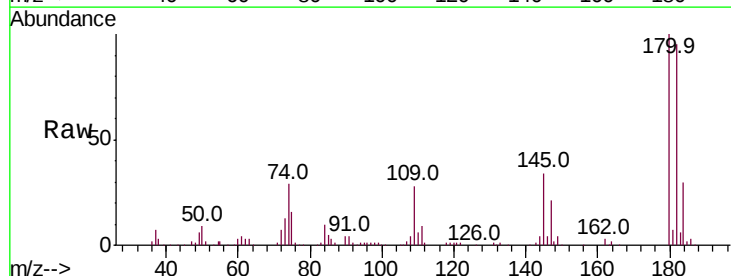
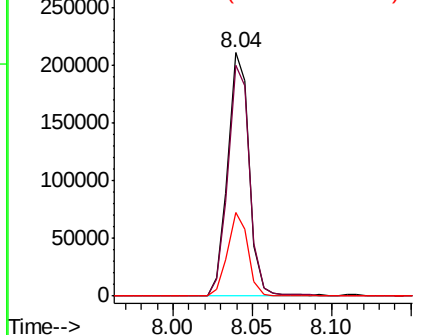
Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.7	76.4	114.6
145	34.4	25.0	37.4

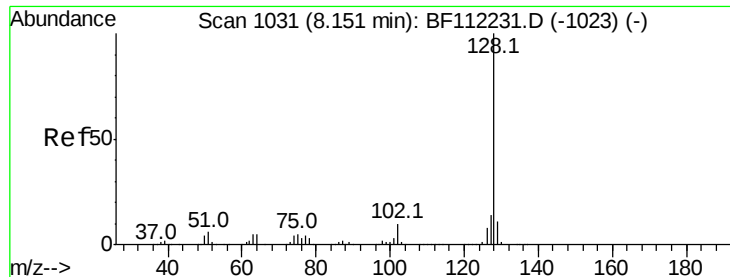
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





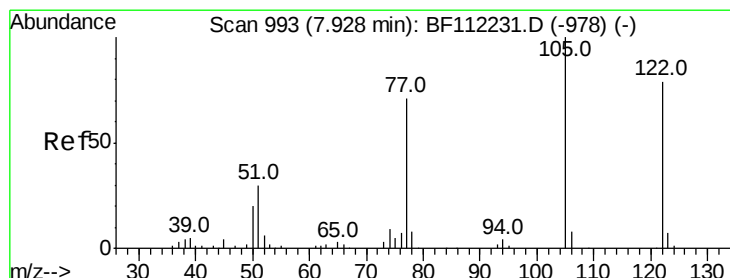
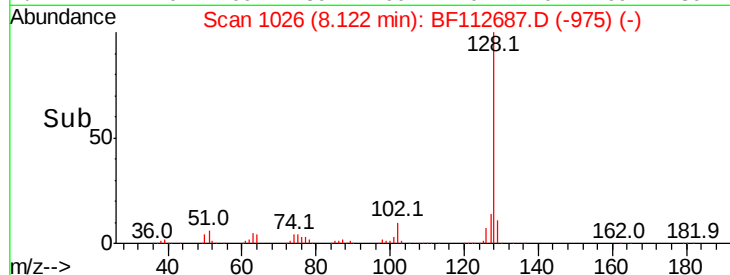
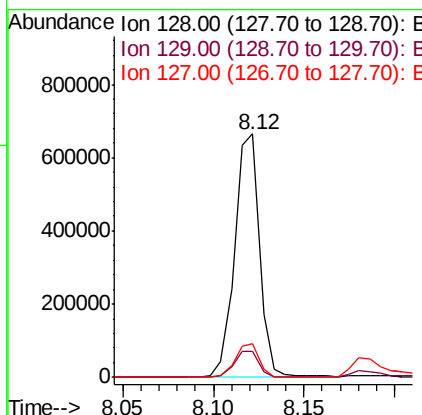
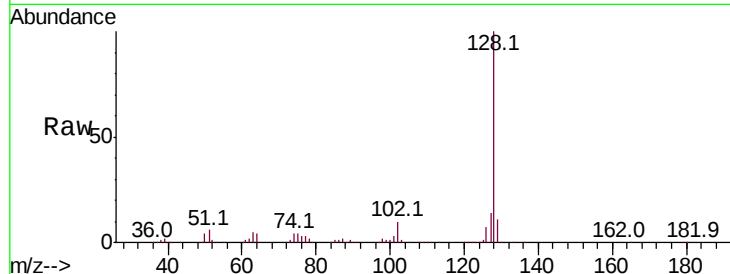
#31
Naphthalene
Concen: 43.753 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

Instrument :
BNA_F
ClientSampled :
COMPMSSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.6	14.4
127	13.9	11.1	16.7

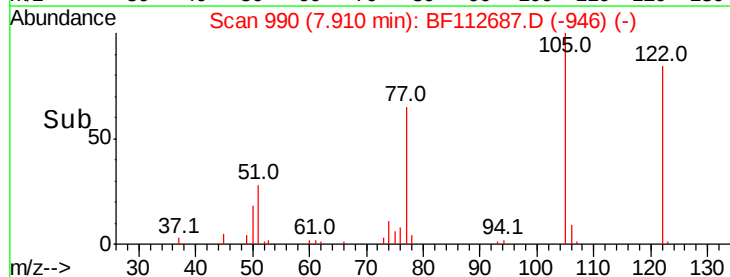
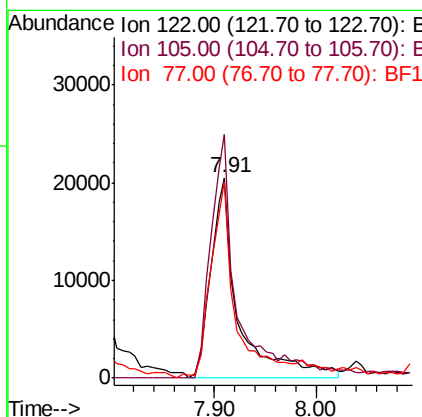
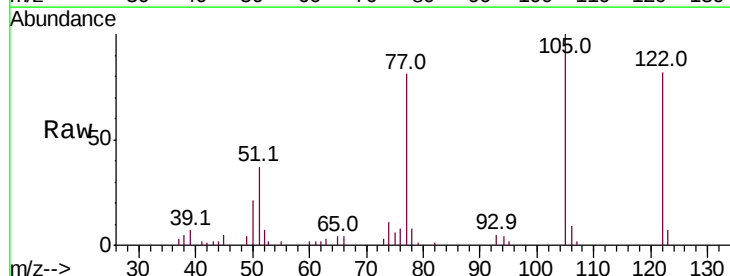
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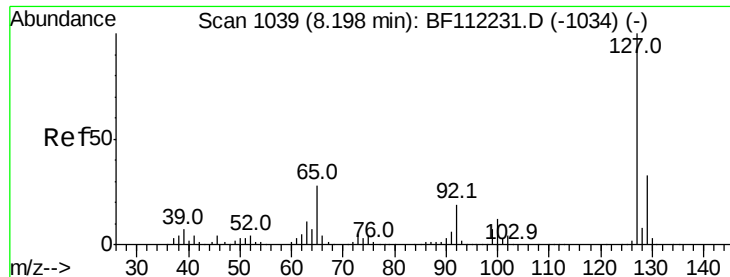
Sohil
2/26/2019 2:39:01 PM



#32
Benzoic acid
Concen: 17.068 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.04 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.6	101.2	141.2
77	98.2	70.4	110.4





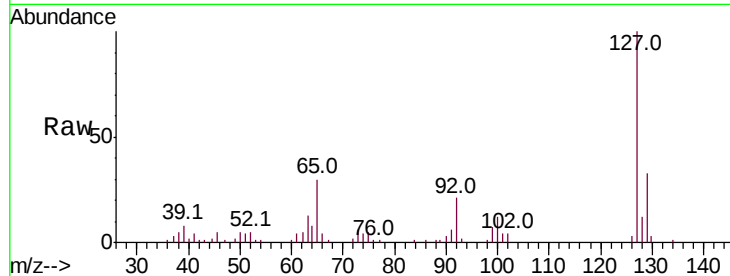
#33
4-Chloroaniline
Concen: 13.527 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

Instrument :
BNA_F
ClientSampleId :
COMPMSD

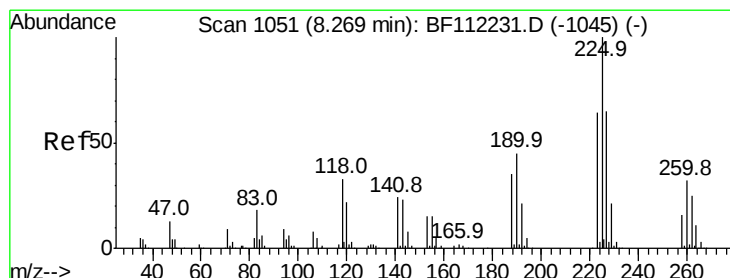
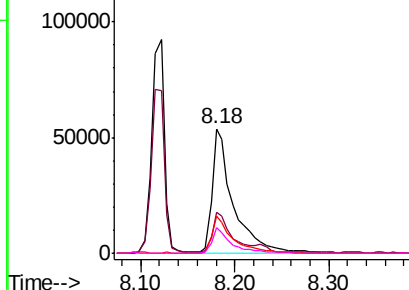
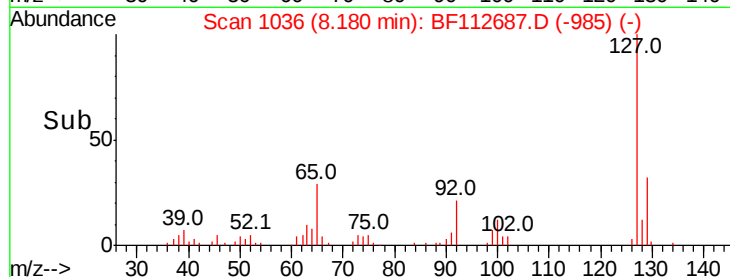
Tot Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.6	39.8
65	30.2	21.4	32.2
92	20.5	14.2	21.2

Manual Integrations
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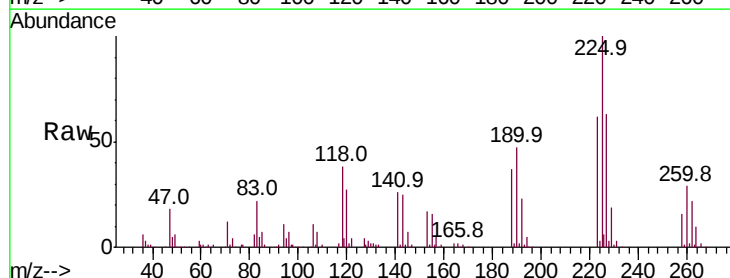


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

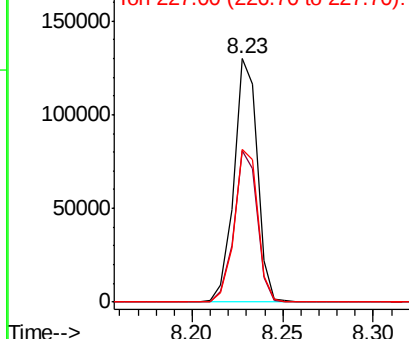
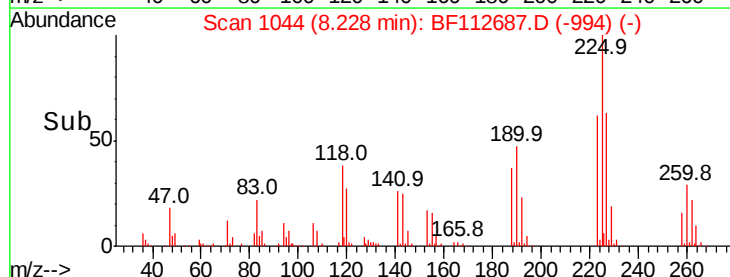


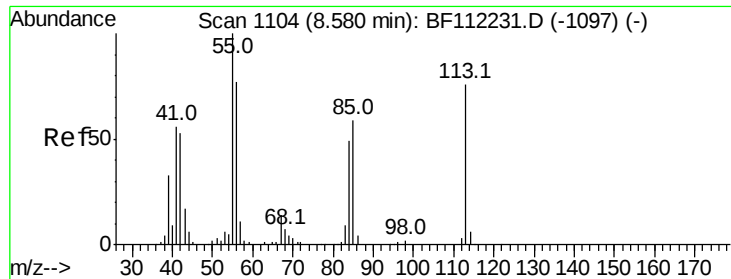
#34
Hexachlorobutadiene
Concen: 38.797 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.3	75.5
227	63.0	51.8	77.8



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





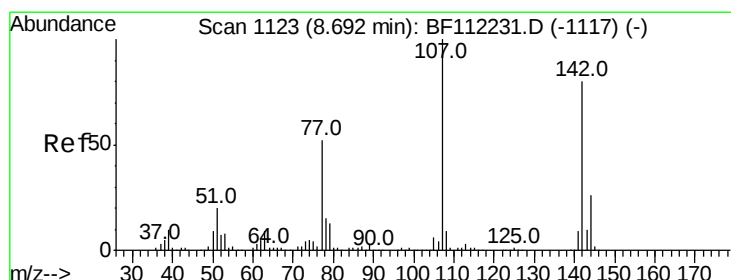
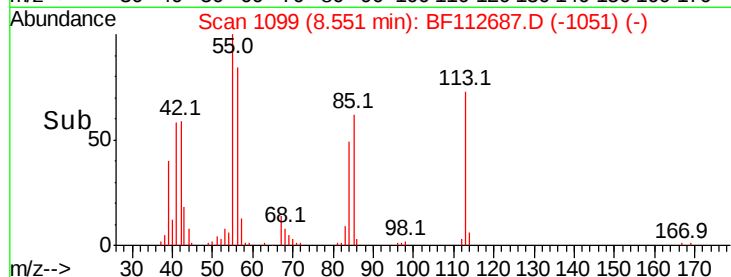
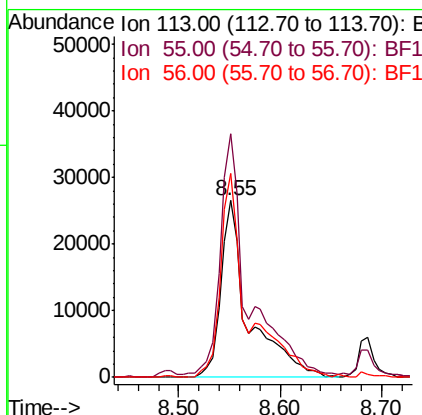
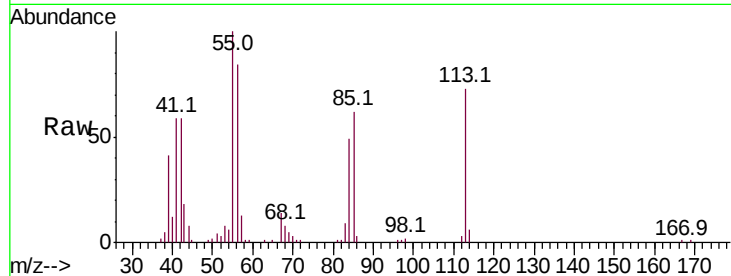
#35
 Caprolactam
 Concen: 32.148 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.02 min
 Lab File: BF112687.D
 Acq: 25 Feb 2019 12:53

Instrument :
 BNA_F
 ClientSampleId :
 COMPMDS

Tot Ion:113 Resp: 50573
 Ion Ratio Lower Upper
 113 100
 55 137.7 121.6 161.6
 56 115.4 86.7 126.7

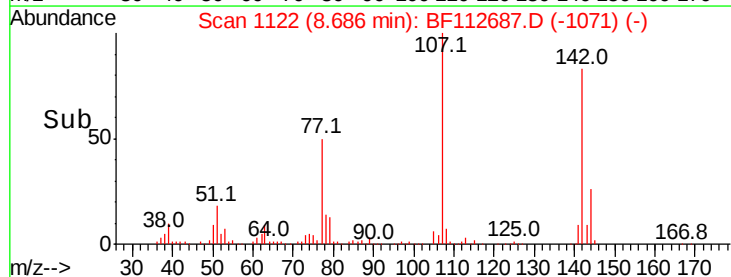
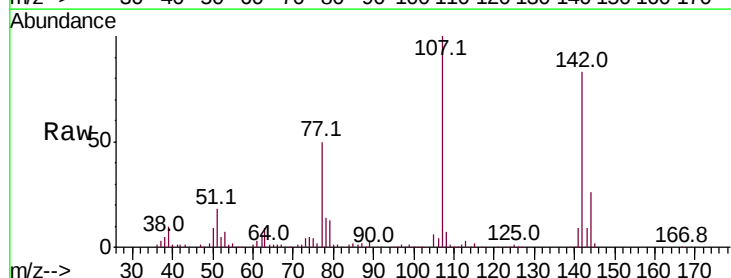
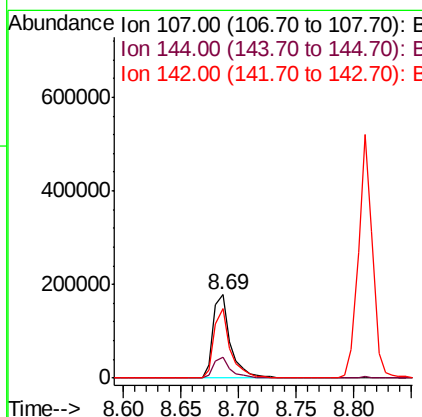
Manual Integrations
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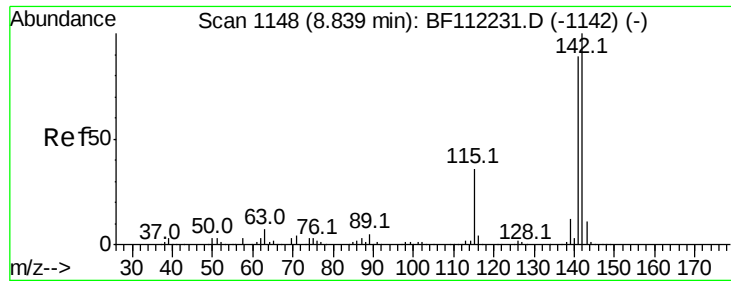
Sohil
 2/26/2019 2:39:01 PM



#36
 4-Chloro-3-methylphenol
 Concen: 39.703 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.00 min
 Lab File: BF112687.D
 Acq: 25 Feb 2019 12:53

Tgt Ion:107 Resp: 187430
 Ion Ratio Lower Upper
 107 100
 144 25.6 22.2 33.2
 142 83.4 67.7 101.5





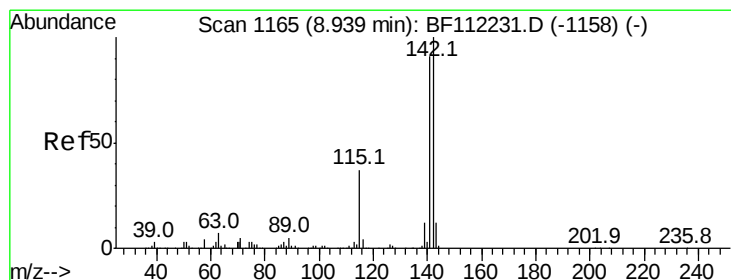
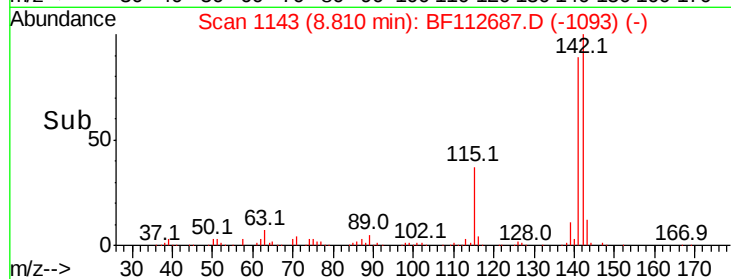
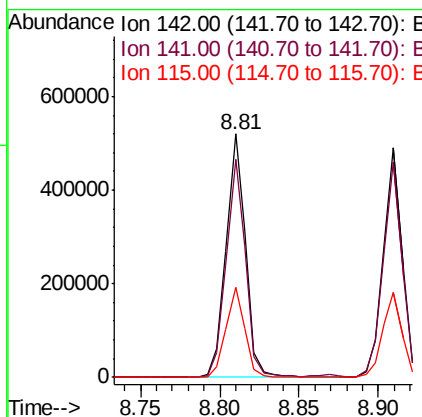
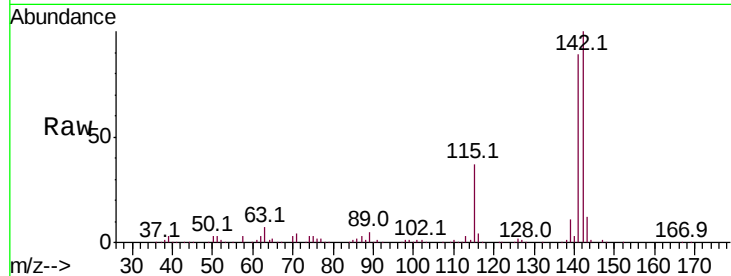
#37
2-Methylnaphthalene
Concen: 44.008 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

Instrument :
BNA_F
ClientSampleId :
COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	439914		
141	89.5	70.9	106.3	
115	36.8	24.9	37.3	

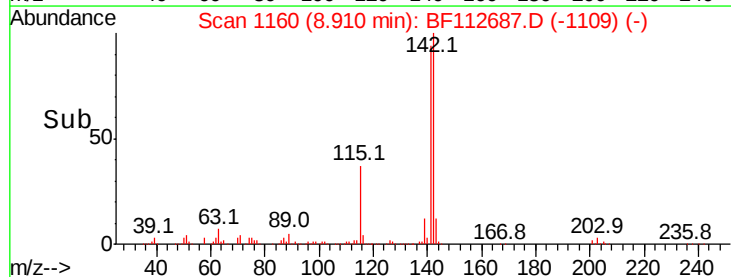
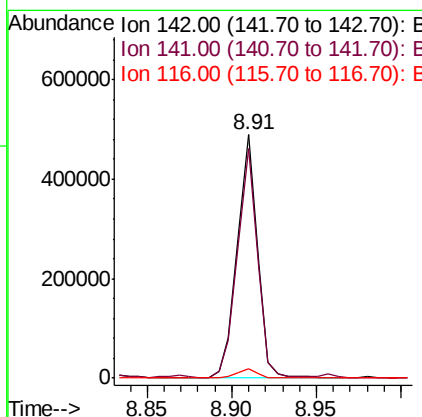
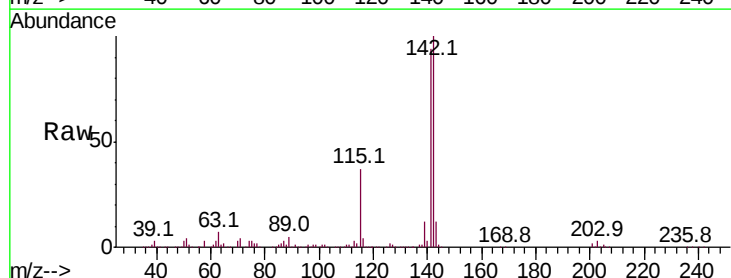
Manual Integrations
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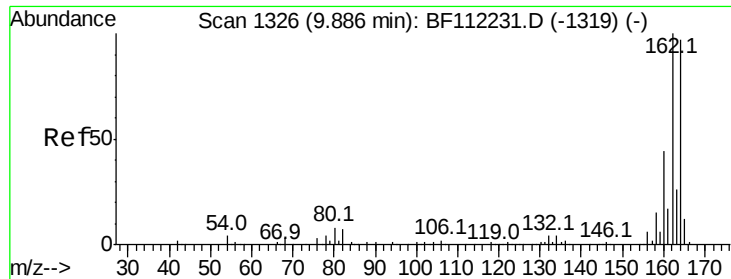
Sohil
2/26/2019 2:39:01 PM



#38
1-Methylnaphthalene
Concen: 42.097 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	403340		
141	94.1	72.6	108.8	
116	3.8	2.8	4.2	





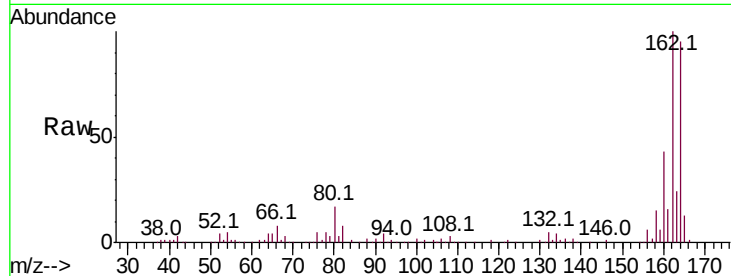
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

Instrument :
BNA_F
ClientSampleId :
COMPMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.2	123.4
160	45.1	36.2	54.4

Manual Integrations
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2/26/2019 2:39:01 PM

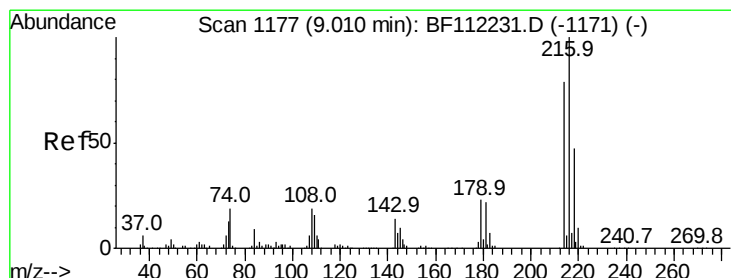
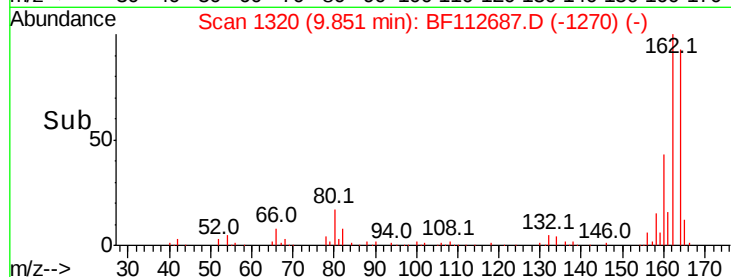
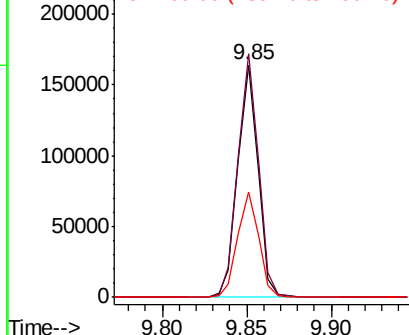


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.291 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.8	95.6
179	22.6	16.9	25.3
108	18.6	14.2	21.4

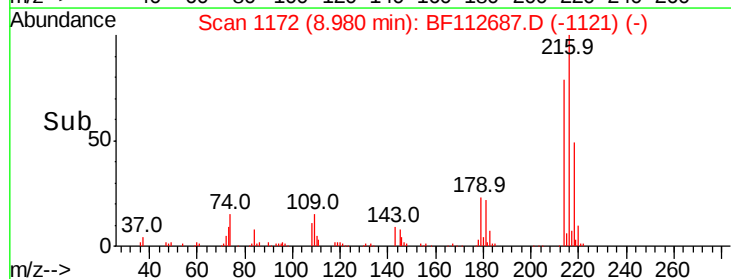
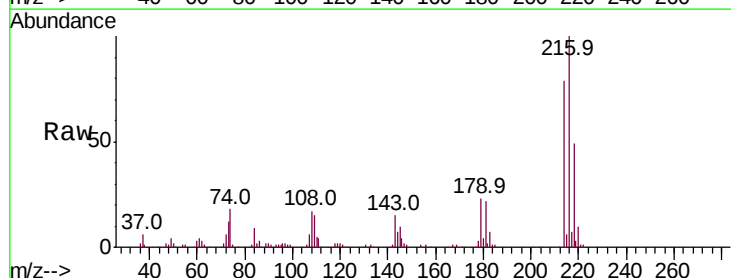
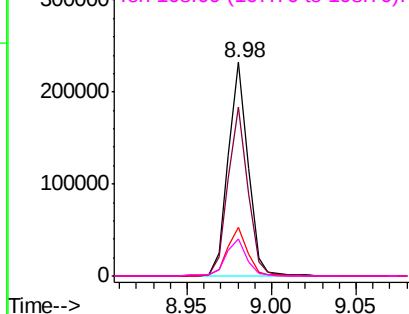
Abundance

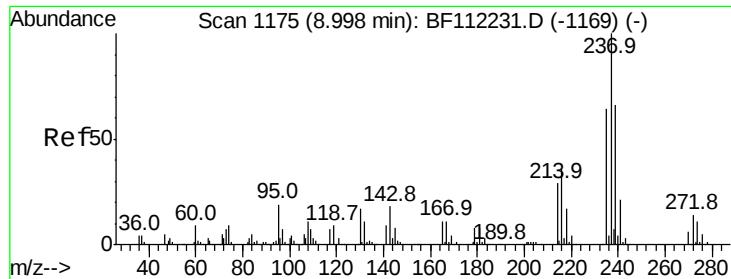
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





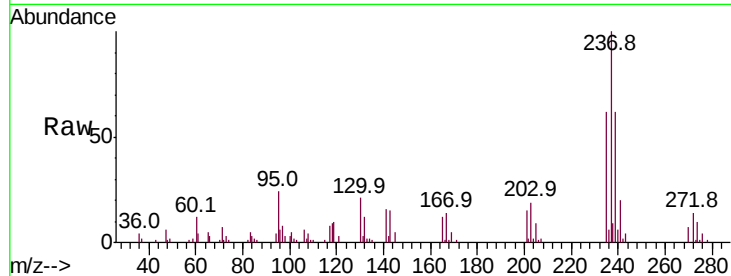
#41
Hexachlorocyclopentadiene
Concen: 27.148 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

Instrument :
BNA_F
ClientSampleId :
COMPMSD

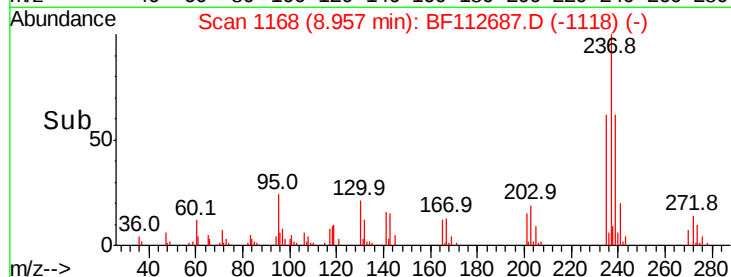
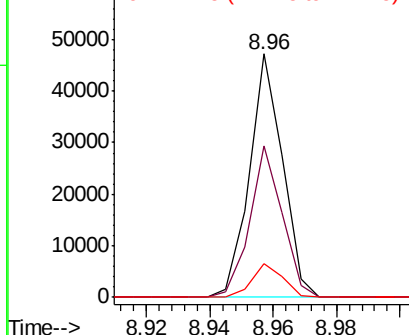
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.0	44.0	84.0
272	13.6	0.0	33.3

Manual Integrations
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Sohil
2/26/2019 2:39:01 PM



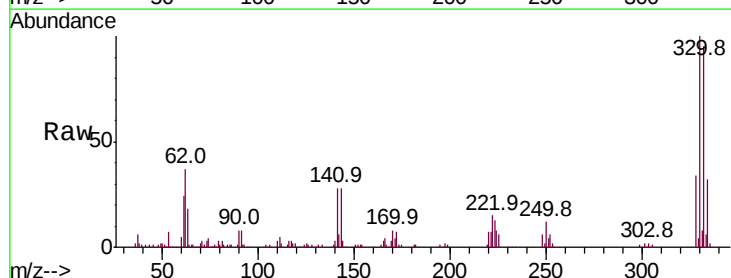
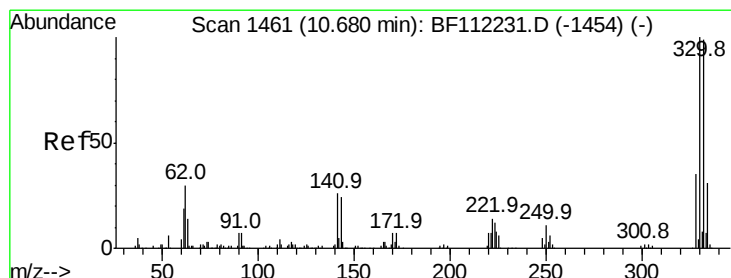
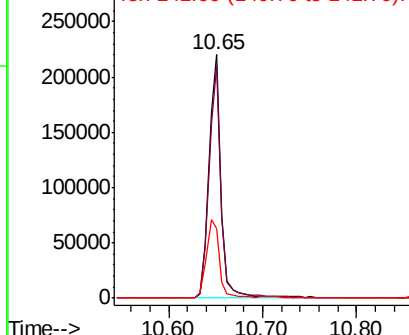
Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

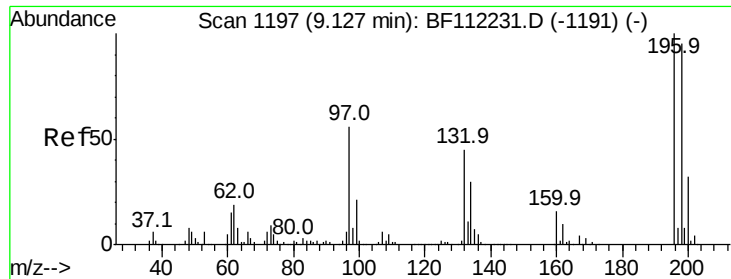


#42
2,4,6-Tribromophenol
Concen: 125.448 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	94.1	76.6	114.8
141	34.2	24.3	36.5

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





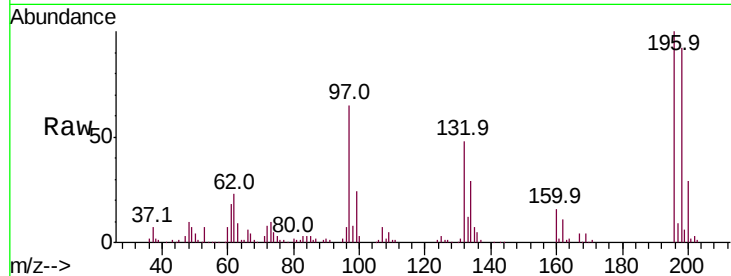
#43
 2,4,6-Trichlorophenol
 Concen: 42.417 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF112687.D
 Acq: 25 Feb 2019 12:53

Instrument :
 BNA_F
 ClientSampled :
 COMPMSSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	117695		
198	91.5	76.2	114.4	
200	28.6	24.3	36.5	

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 2/26/2019 2:39:01 PM

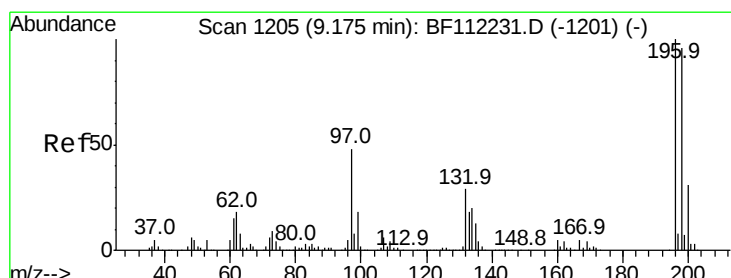
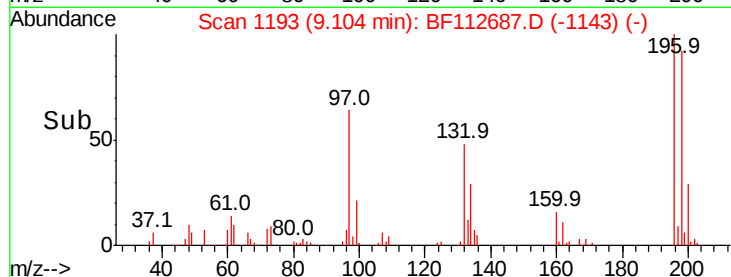
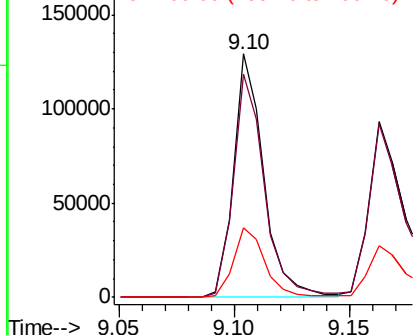


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 38.721 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF112687.D
 Acq: 25 Feb 2019 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	112290		
198	98.5	76.0	114.0	
97	55.4	36.4	54.6#	
132	34.7	21.5	32.3#	

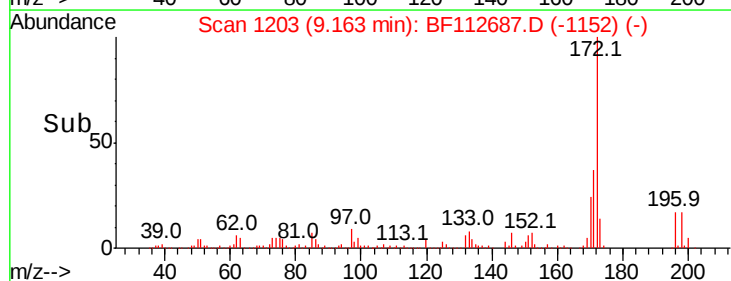
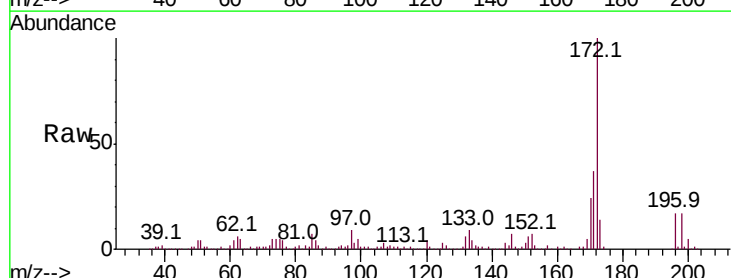
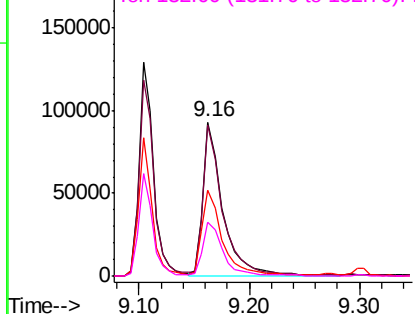
Abundance

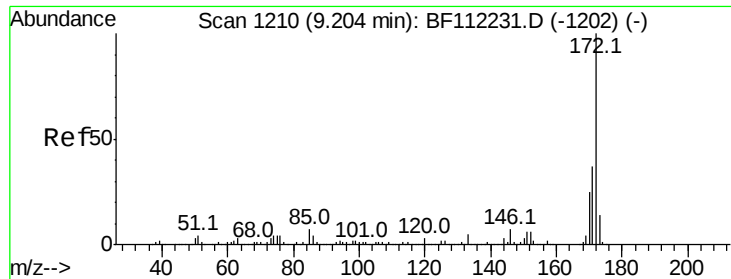
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





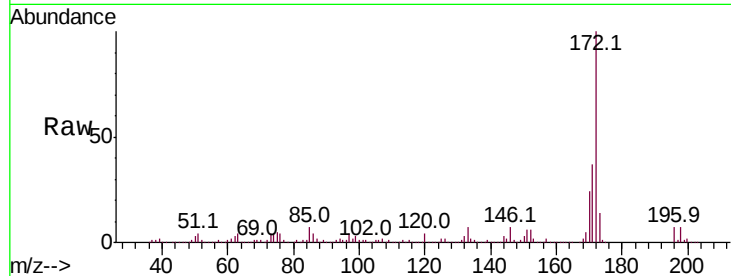
#45
2-Fluorobiphenyl
Concen: 98.448 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

Instrument :
BNA_F
ClientSampled :
COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
172	100	954300		
171	37.3		30.5	45.7
170	24.1		20.2	30.4

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2/26/2019 2:39:01 PM

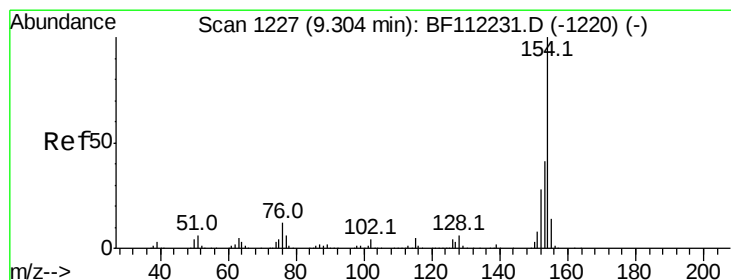
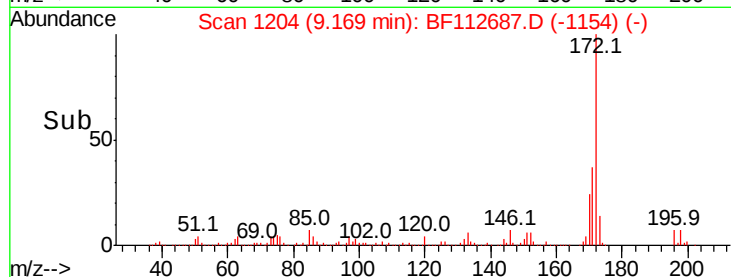
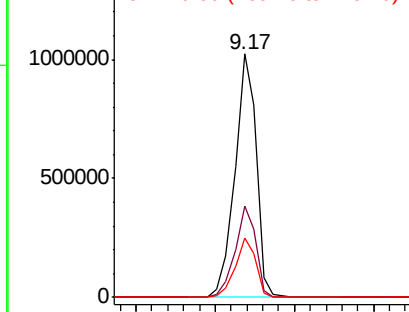


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 42.710 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

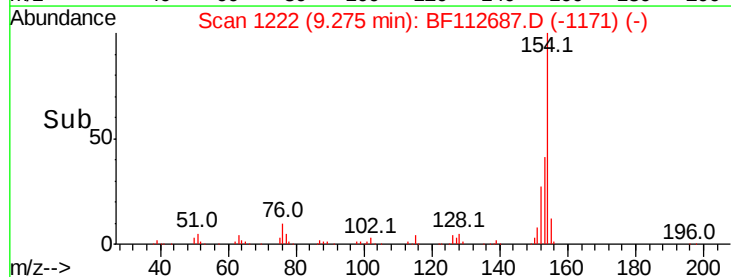
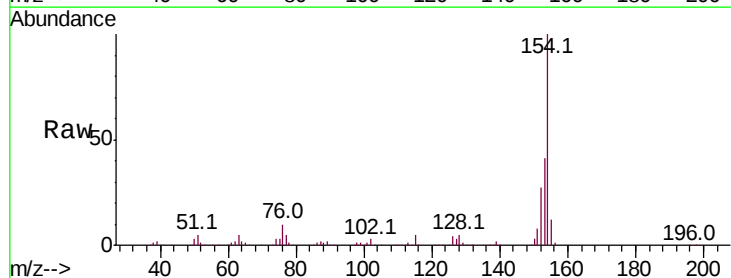
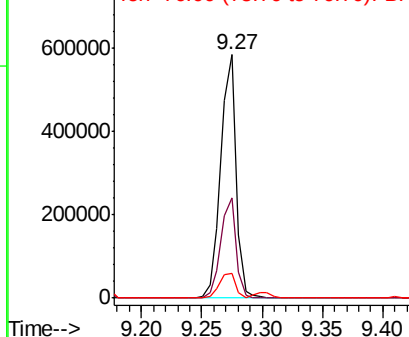
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	511906		
153	41.0		21.5	61.5
76	10.4		0.0	33.1

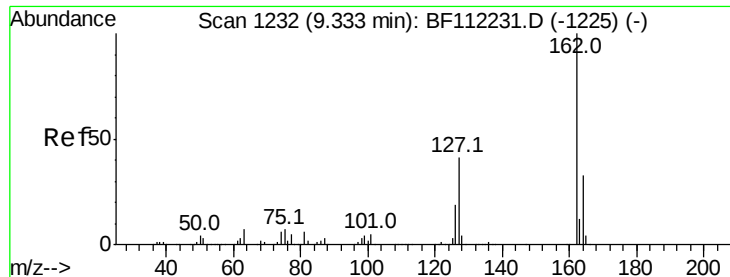
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





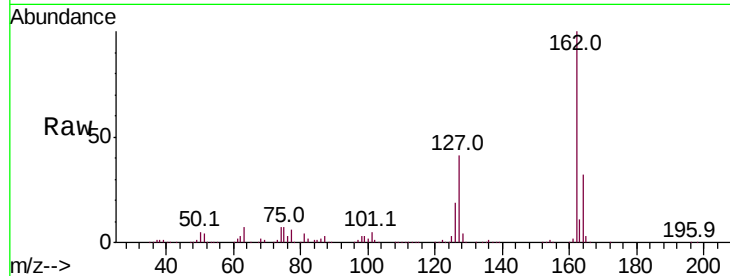
#47
2-Chloronaphthalene
Concen: 41.963 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

Instrument :
BNA_F
ClientSampleId :
COMPMSD

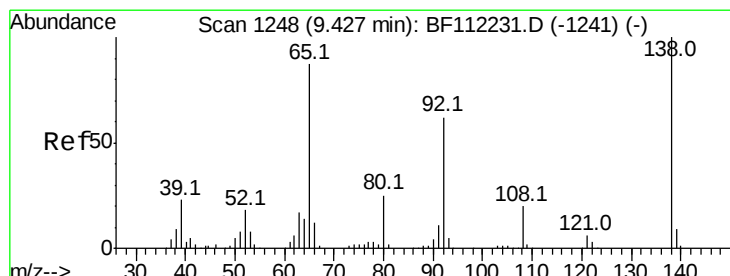
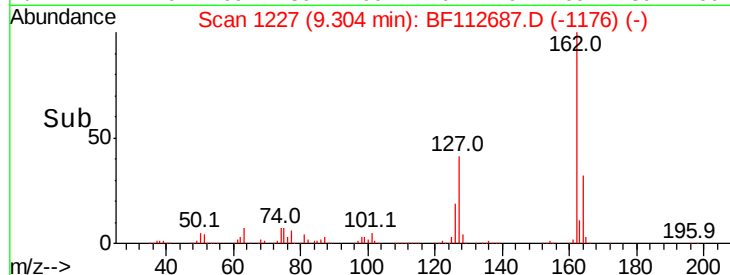
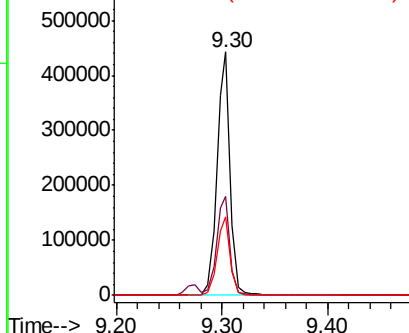
Tot Ion	Ratio	Resp	Lower	Upper
162	100	390028		
127	40.7		30.4	45.6
164	32.2		27.4	41.2

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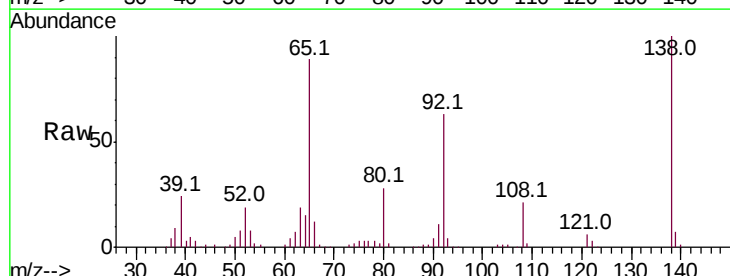


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

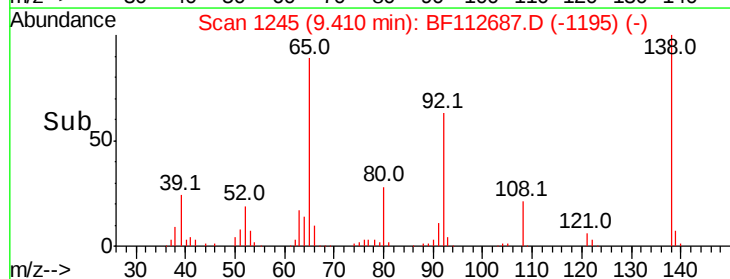
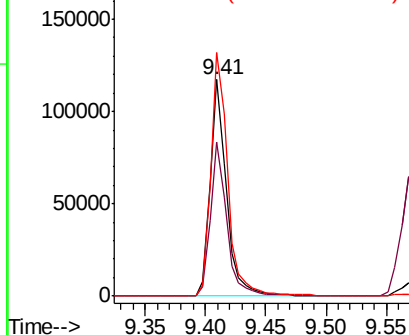


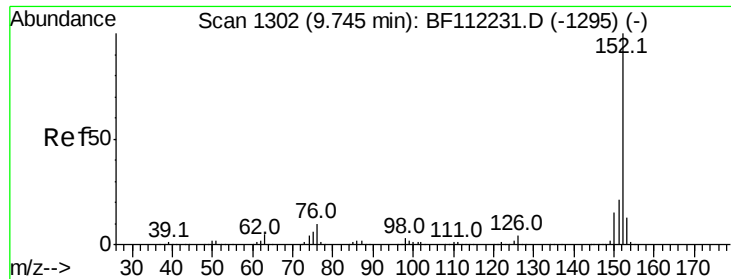
#48
2-Nitroaniline
Concen: 43.373 ng
RT: 9.41 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	109876		
92	70.9		60.4	90.6
138	112.4		104.4	156.6



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





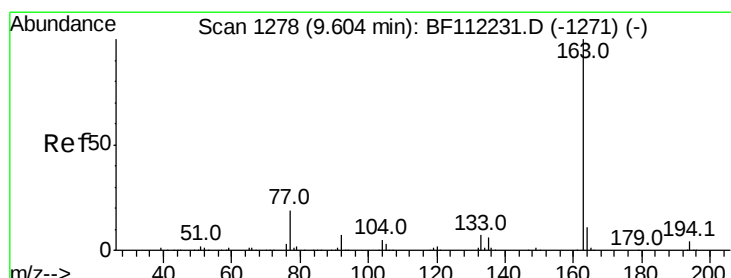
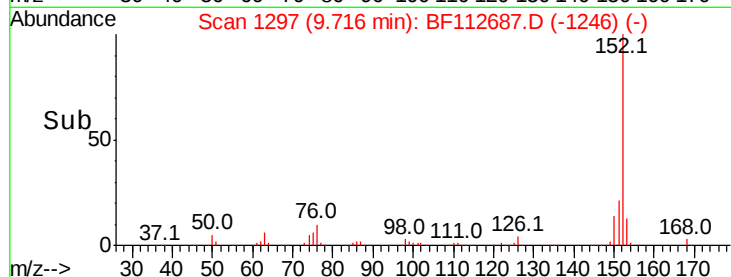
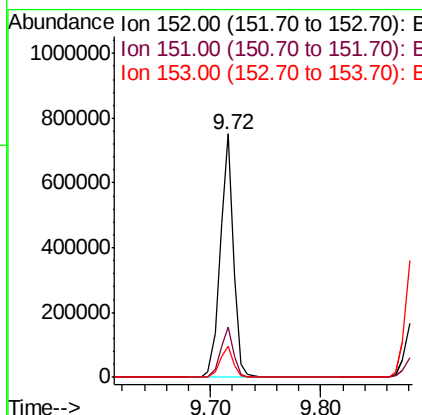
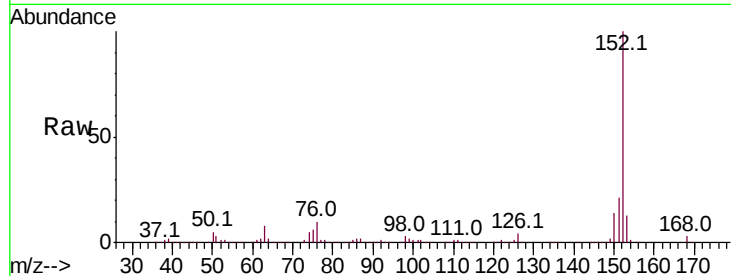
#49
Acenaphthylene
Concen: 45.798 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

Instrument :
BNA_F
ClientSampleID :
COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		623905		
151	20.7	17.0	25.6		
153	13.0	11.2	16.8		

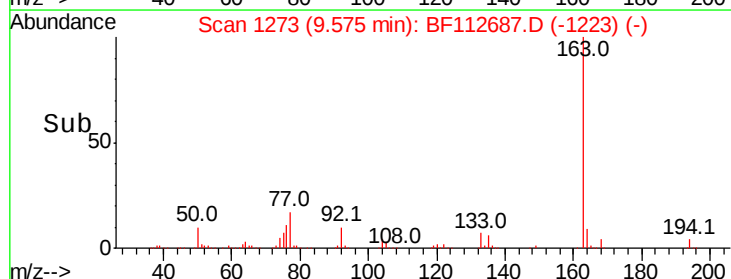
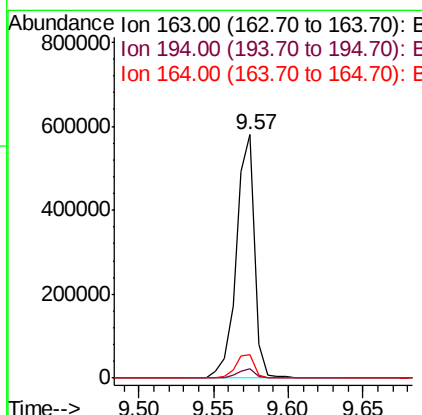
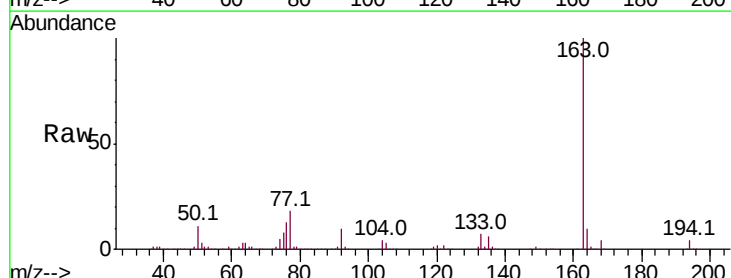
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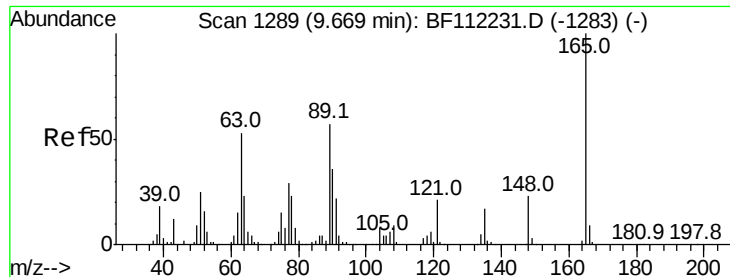
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#50
Dimethylphthalate
Concen: 46.683 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		497257		
194	3.8	3.3	4.9		
164	9.5	8.5	12.7		





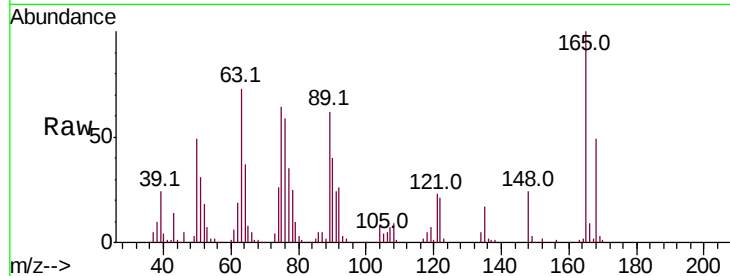
#51
2,6-Dinitrotoluene
Concen: 40.542 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

Instrument :
BNA_F
ClientSampleId :
COMPMSD

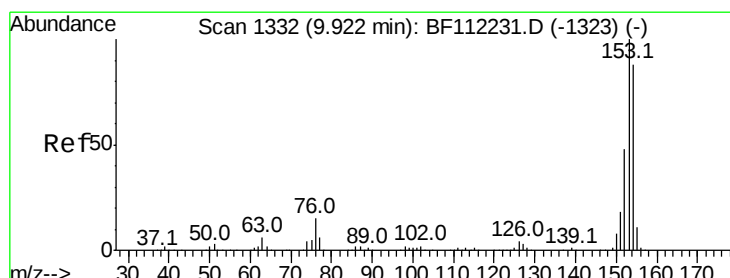
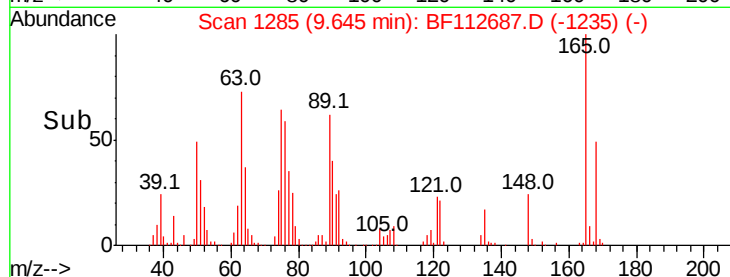
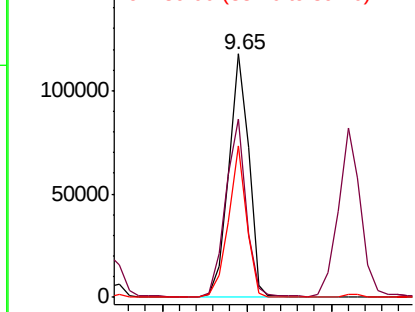
Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	73.2	33.8	50.8#
89	62.3	36.9	55.3#

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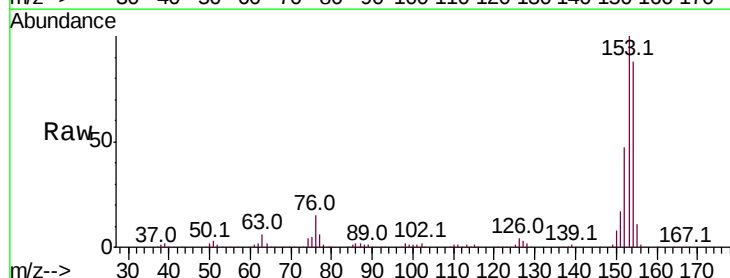


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

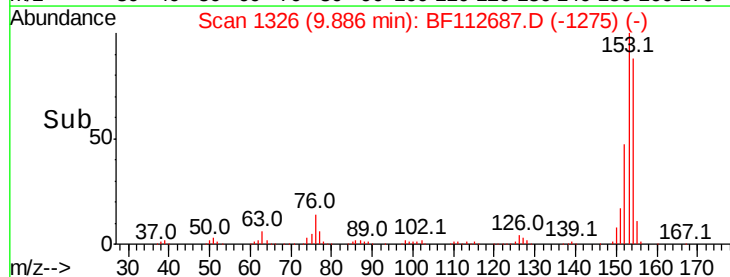
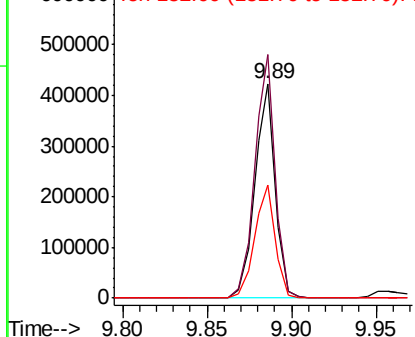


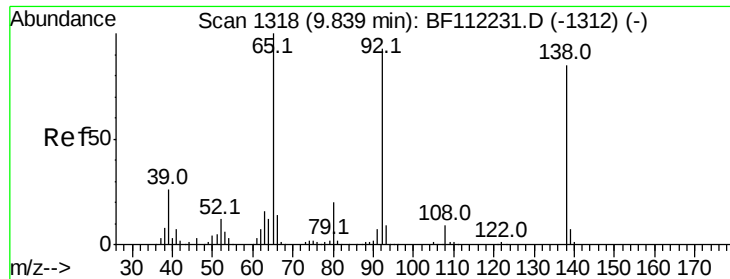
#52
Acenaphthene
Concen: 43.782 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	113.7	89.8	134.6
152	53.0	43.5	65.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





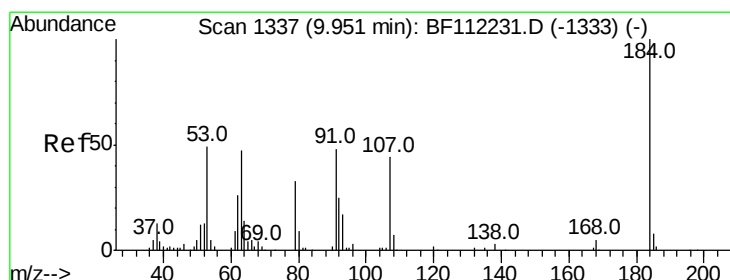
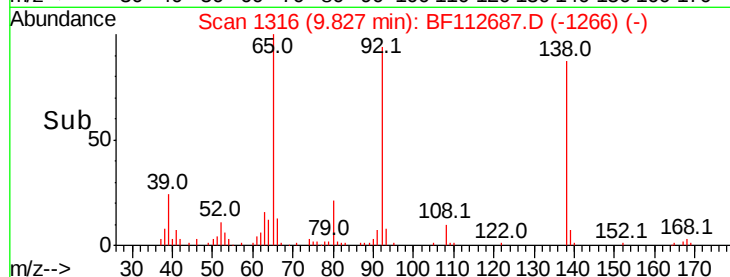
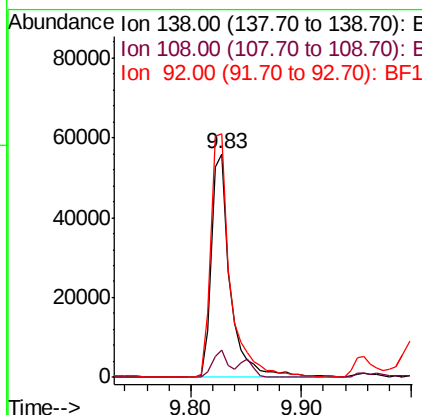
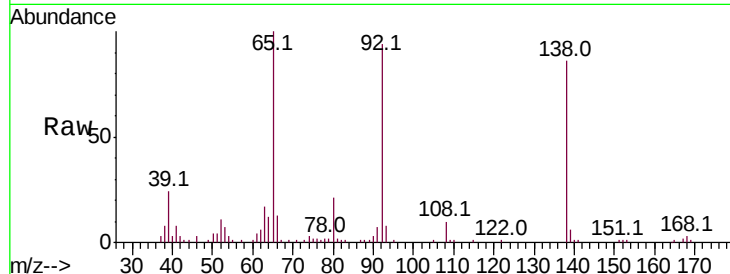
#53
3-Nitroaniline
Concen: 25.284 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

Instrument :
BNA_F
ClientSampleId :
COMPMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.0	9.8	14.6
92	108.9	79.4	119.2

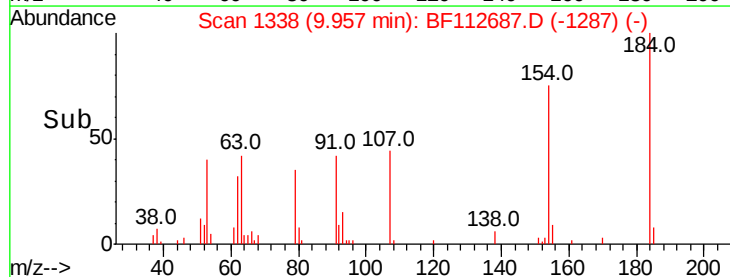
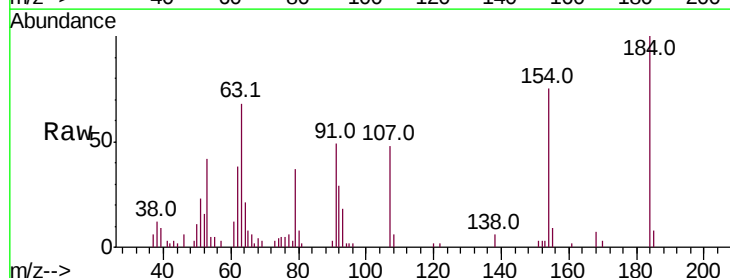
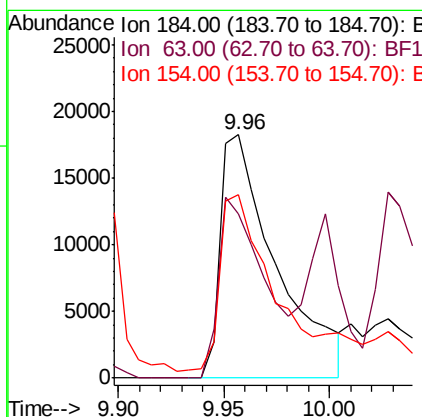
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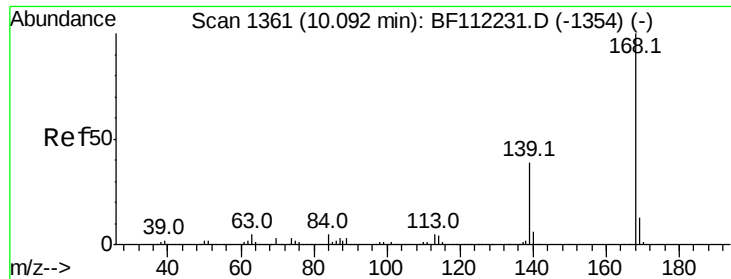
Sohil
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#54
2,4-Dinitrophenol
Concen: 43.577 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

Tgt Ion	Ratio	Lower	Upper
184	100		
63	67.7	47.1	70.7
154	75.3	48.9	73.3#





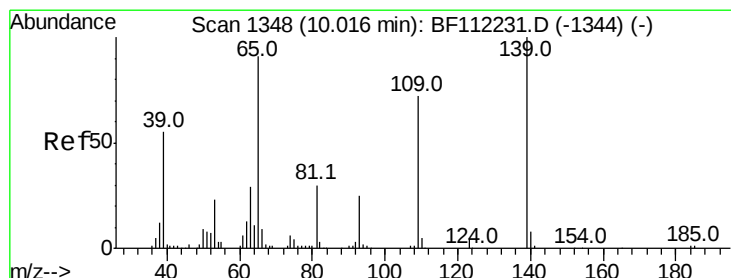
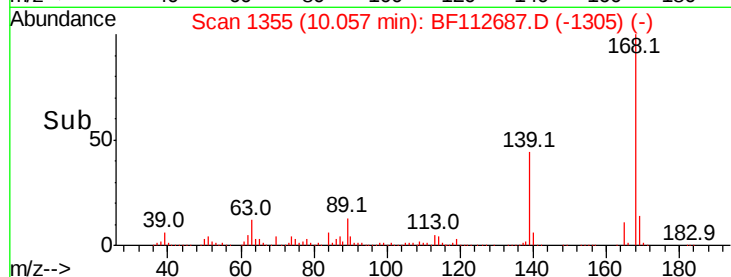
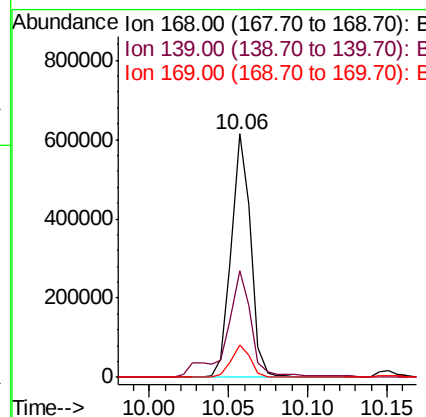
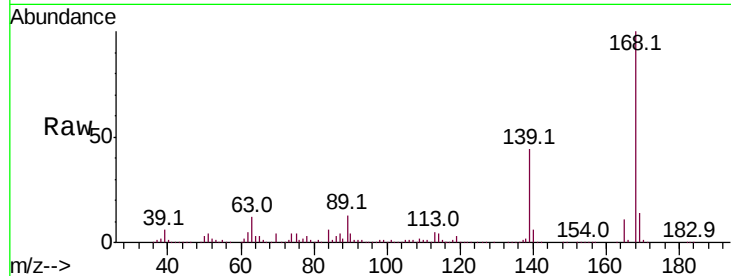
#55
Dibenzofuran
Concen: 42.046 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

Instrument :
BNA_F
ClientSampleId :
COMPMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	43.8	29.2	43.8
169	13.5	11.4	17.0

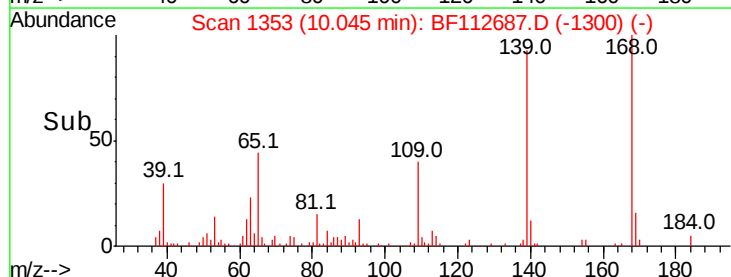
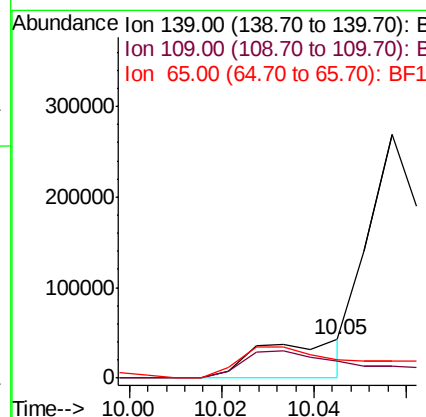
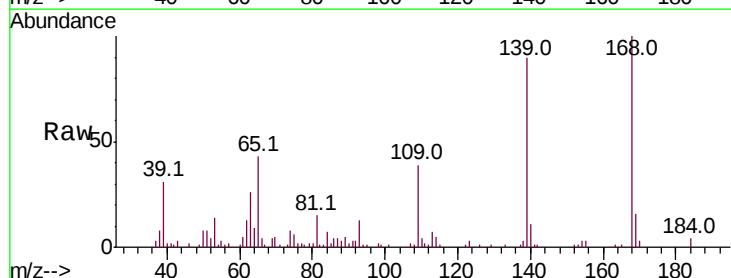
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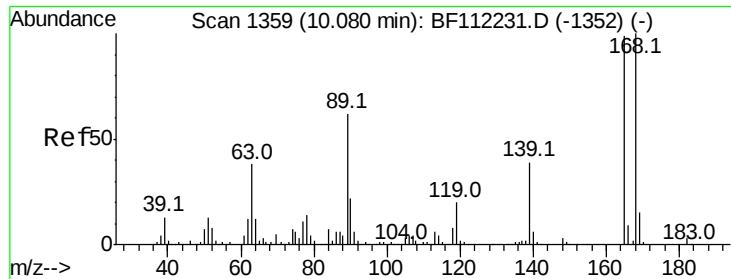
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2/26/2019 2:39:01 PM



#56
4-Nitrophenol
Concen: 40.042 ng m
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	43.4	42.8	82.8
65	47.7	66.1	106.1#





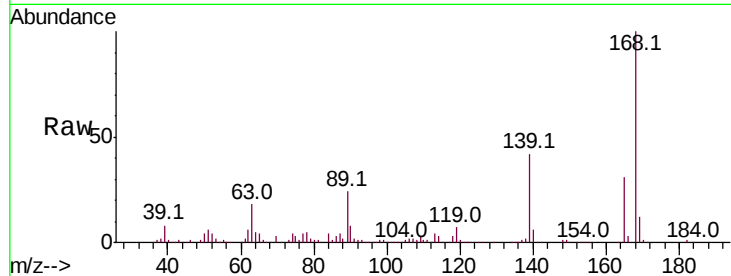
#57
 2,4-Dinitrotoluene
 Concen: 40.426 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: BF112687.D
 Acq: 25 Feb 2019 12:53

Instrument :
 BNA_F
 ClientSampled :
 COMPMSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	57.1	27.9	41.9#
89	77.2	47.9	71.9#
182	2.9	2.2	3.4

Manual Integrations
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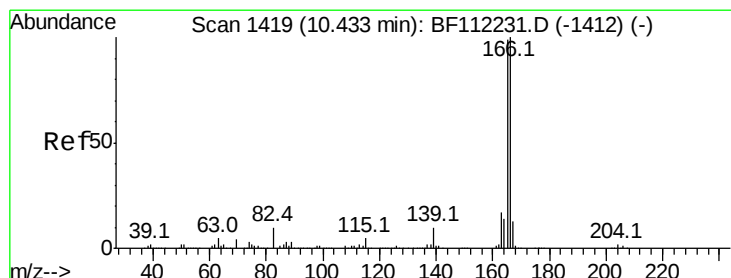
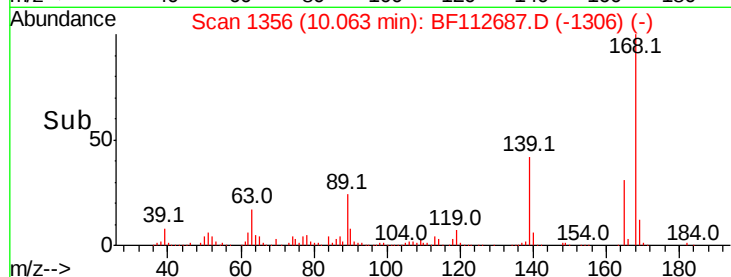
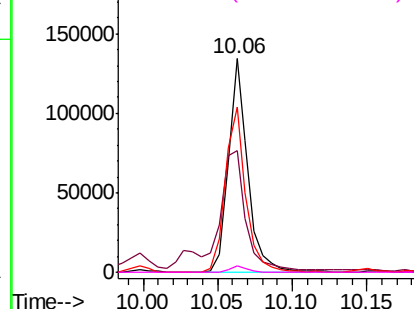
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 45.008 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.00 min
 Lab File: BF112687.D
 Acq: 25 Feb 2019 12:53

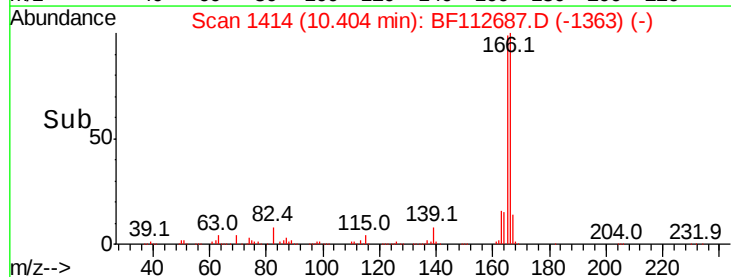
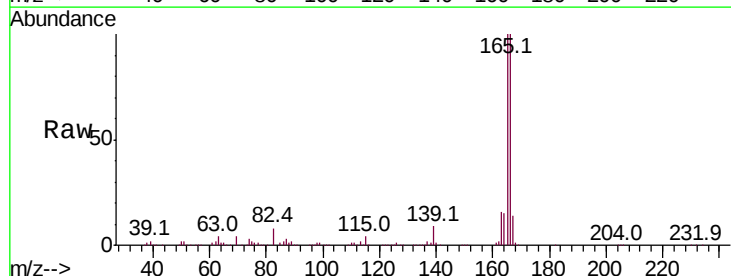
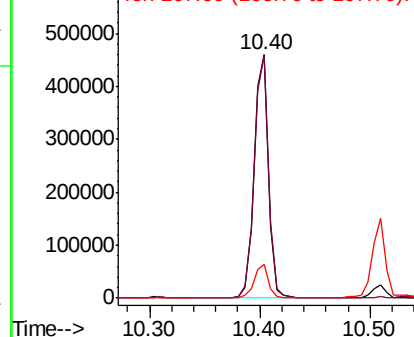
Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	99.5	77.1	115.7
167	13.6	11.3	16.9

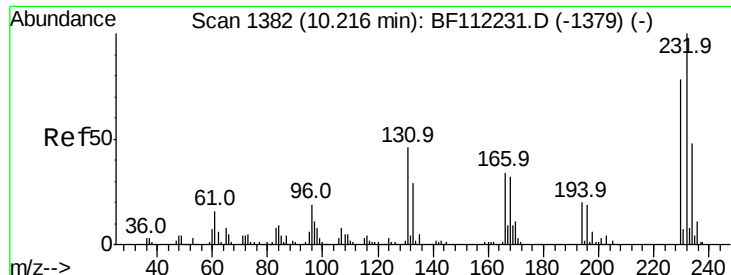
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





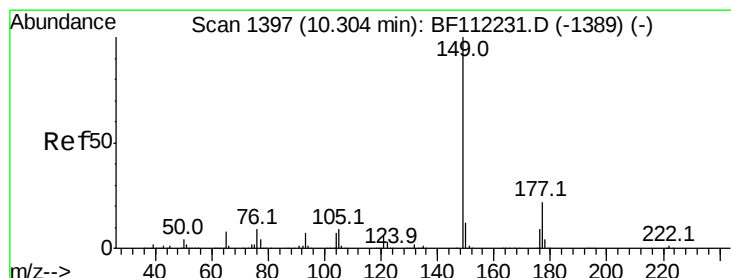
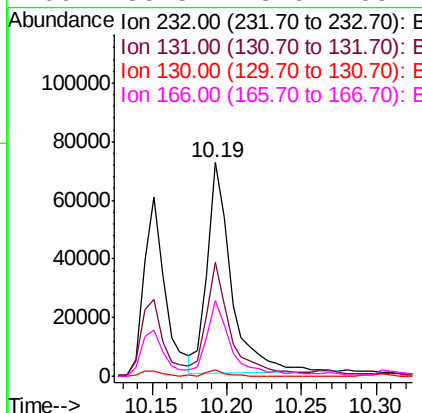
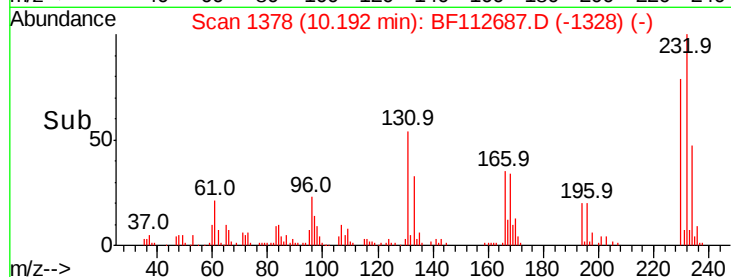
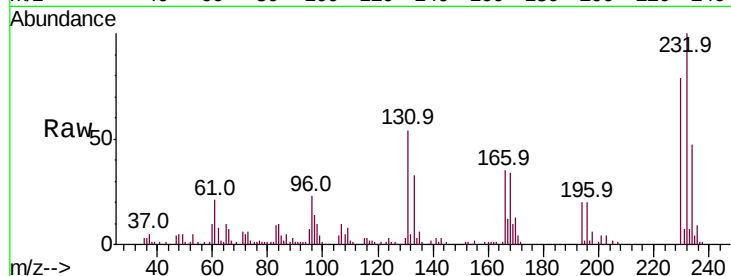
#59
2,3,4,6-Tetrachlorophenol
Concen: 36.985 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

Instrument :
BNA_F
ClientSampled :
COMPMSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	53.3	33.9	50.9#
130	2.4	1.8	2.6
166	33.8	23.6	35.4

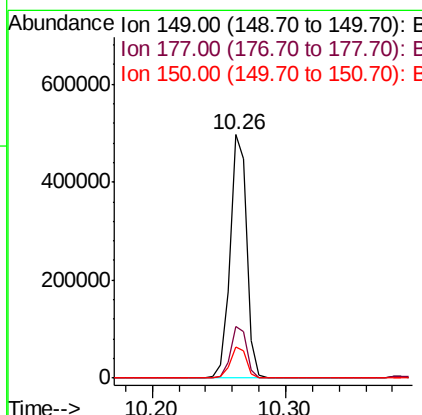
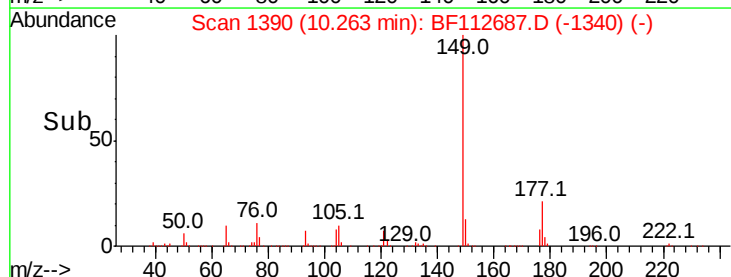
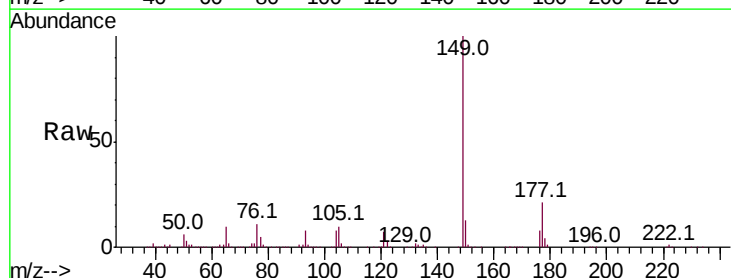
Manual Integrations
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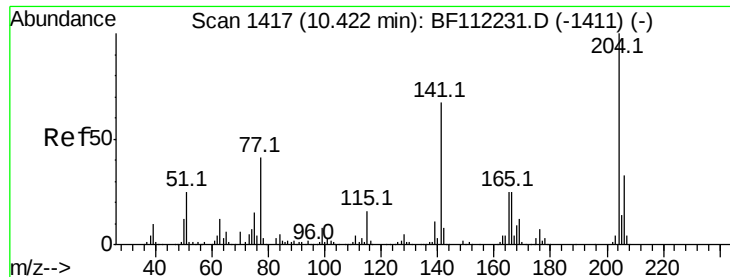
Sohil
2/26/2019 2:39:01 PM



#60
Diethylphthalate
Concen: 41.343 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	18.2	27.2
150	12.6	10.4	15.6





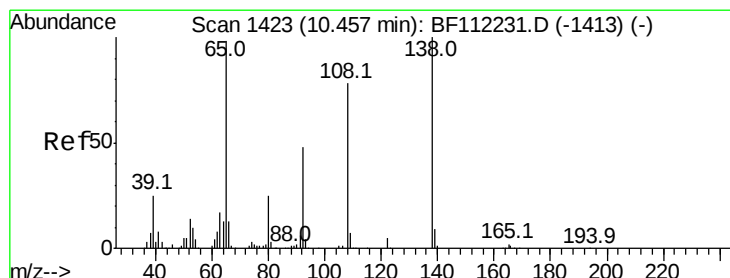
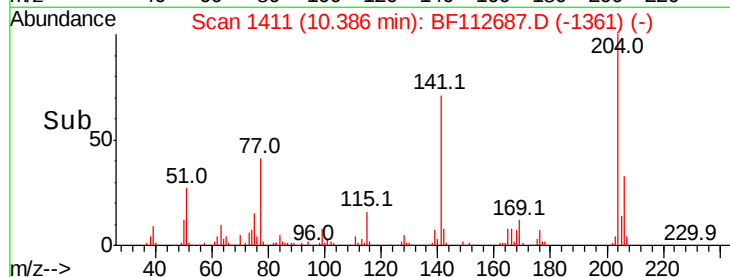
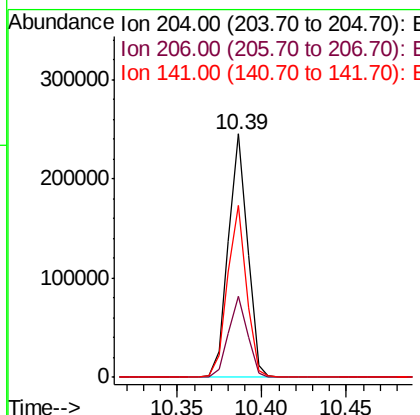
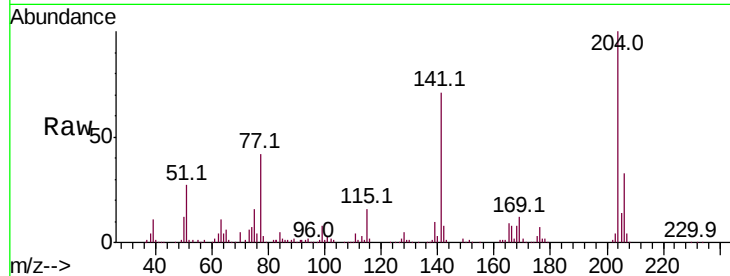
#61
4-Chlorophenyl-phenylether
Concen: 38.356 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

Instrument :
BNA_F
ClientSampleId :
COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	194169		
206	33.4	26.5	39.7	
141	70.6	45.9	68.9	

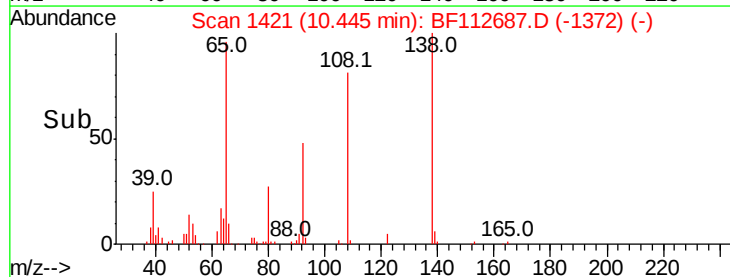
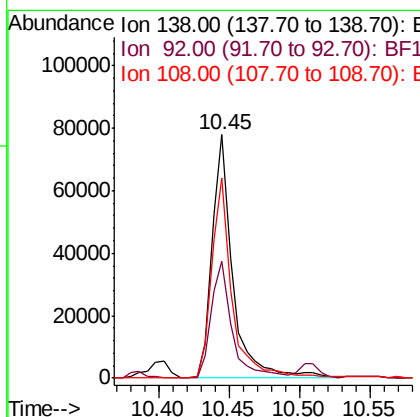
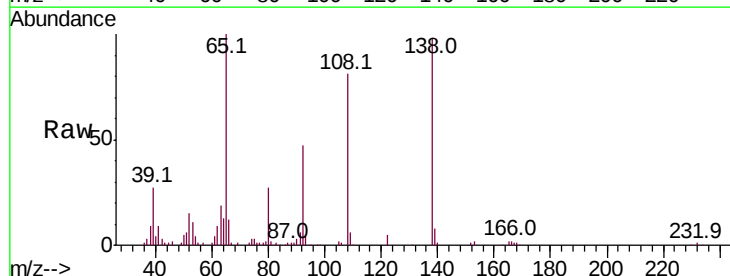
Manual Integrations
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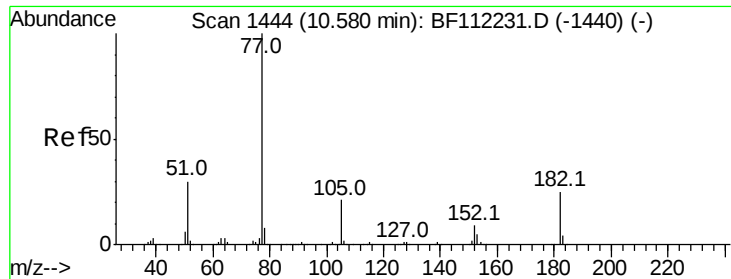
Sohil
2/26/2019 2:39:01 PM



#62
4-Nitroaniline
Concen: 31.411 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	79627		
92	47.8	30.6	70.6	
108	82.3	50.0	90.0	





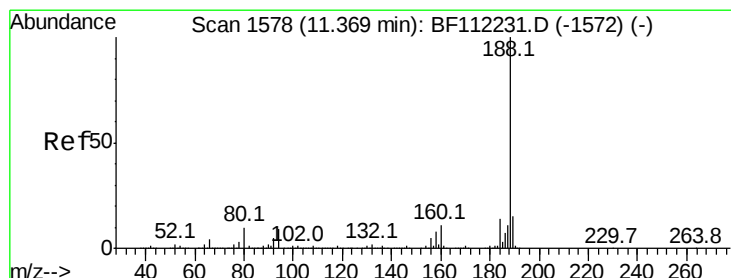
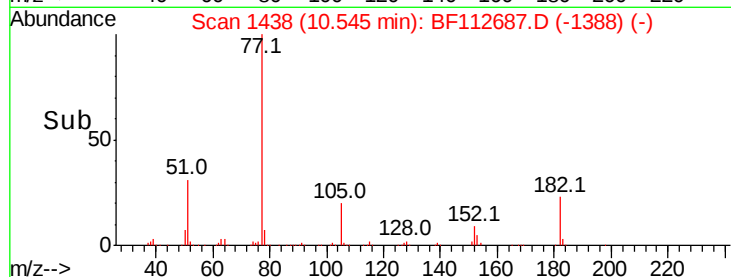
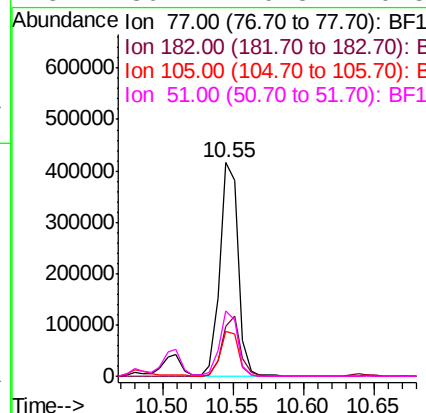
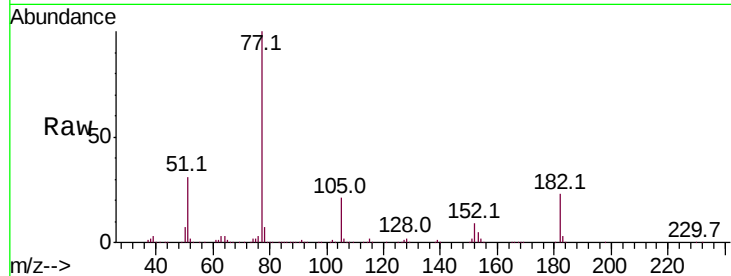
#63
Azobenzene
Concen: 40.163 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

Instrument :
BNA_F
ClientSampleId :
COMPMSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	23.2	5.7	45.7	
105	20.9	1.4	41.4	
51	30.7	9.5	49.5	

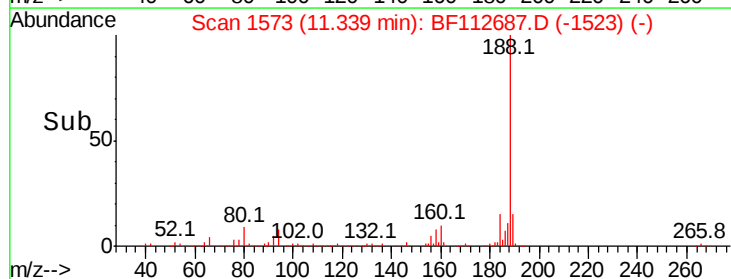
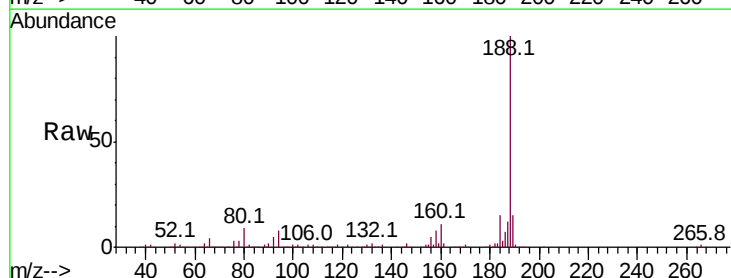
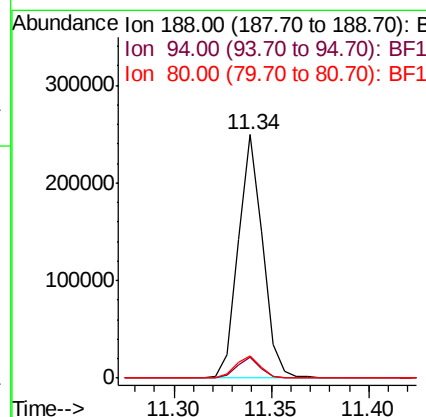
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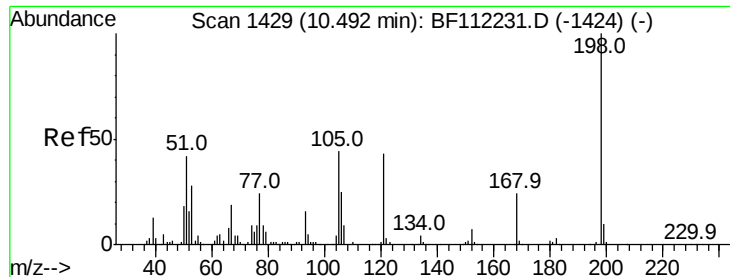
Sohil
2/26/2019 2:39:01 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.4	8.2	12.2	
80	9.1	8.9	13.3	





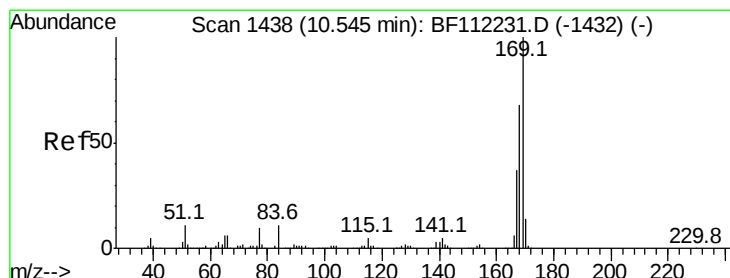
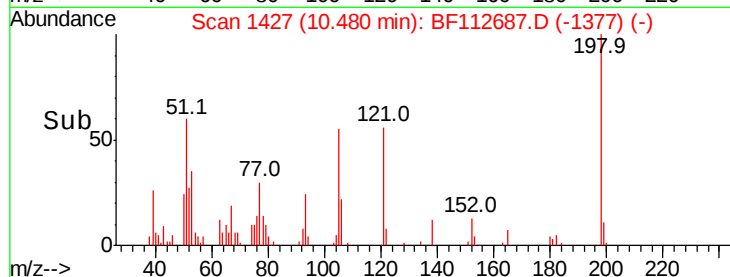
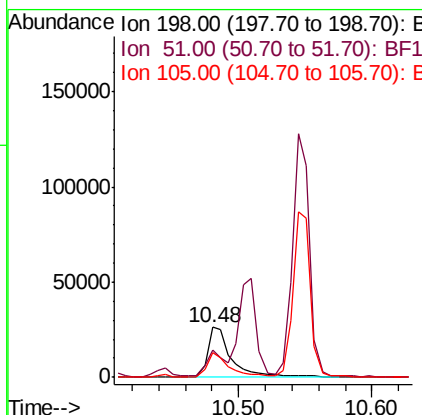
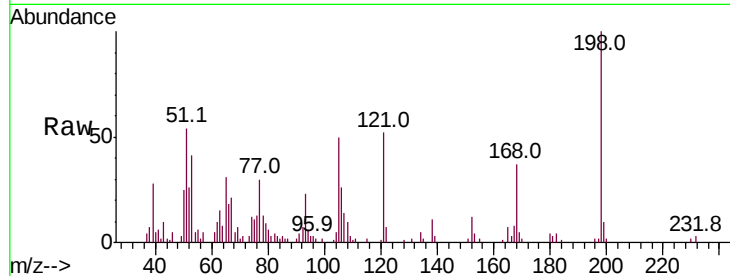
#65
4,6-Dinitro-2-methylphenol
Concen: 27.267 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

Instrument :
BNA_F
ClientSampleId :
COMPMSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	54.0	17.2	57.2
105	49.7	21.9	61.9

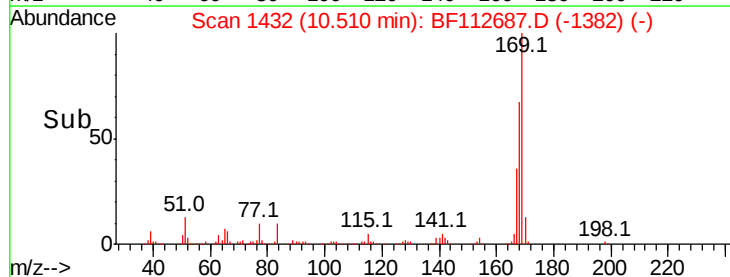
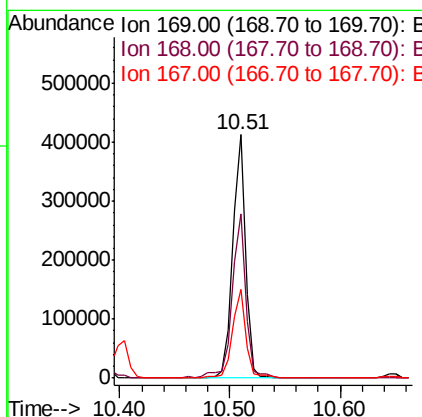
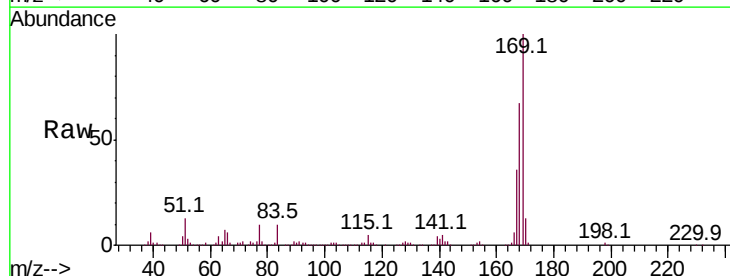
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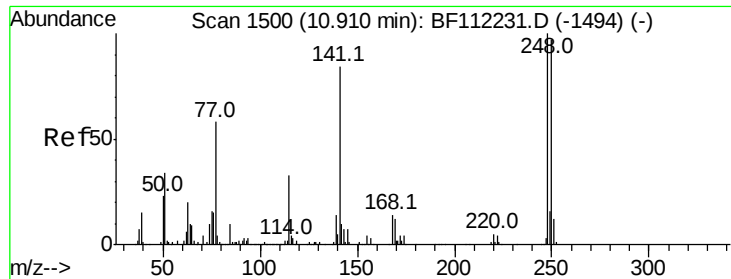
Sohil
2/26/2019 2:39:01 PM



#66
n-Nitrosodiphenylamine
Concen: 46.822 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.5	53.9	80.9
167	36.4	28.9	43.3





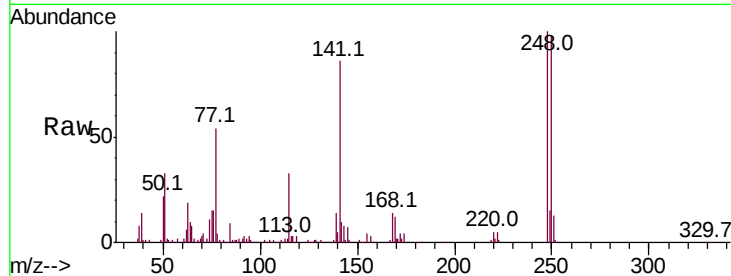
#67
4-Bromophenyl-phenylether
Concen: 43.275 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.01 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

Instrument :
BNA_F
ClientSampleId :
COMPMSD

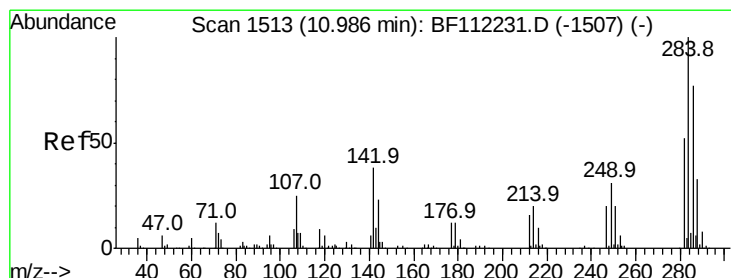
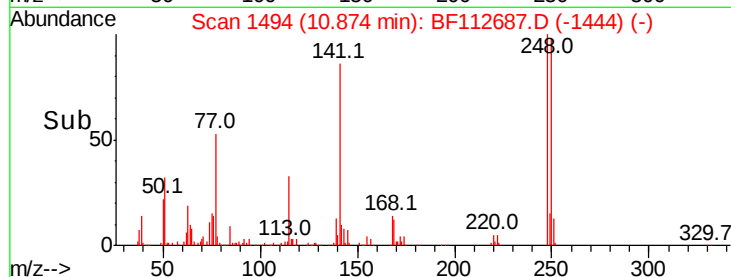
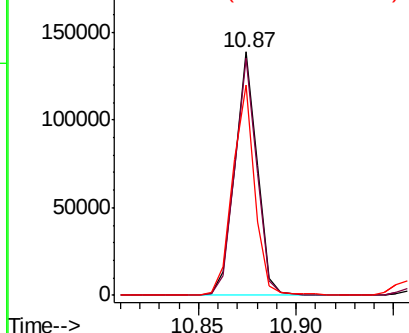
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	79.7	119.5
141	86.1	60.3	90.5

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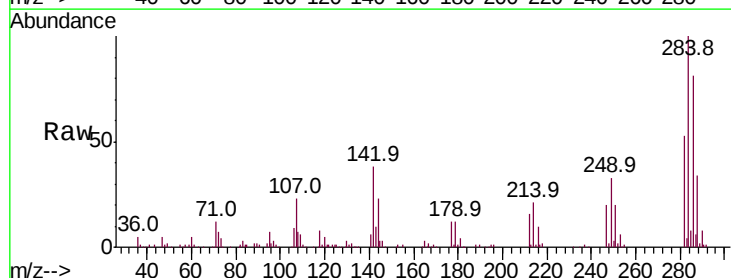


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

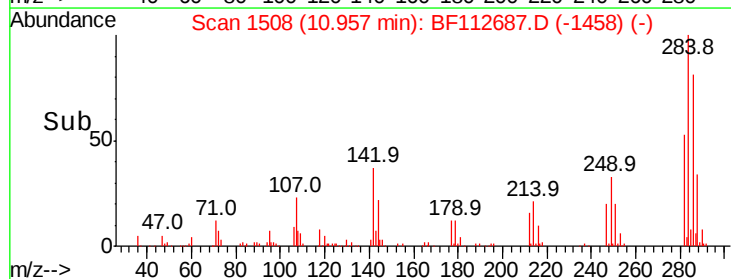
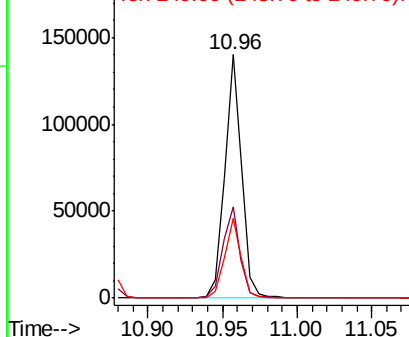


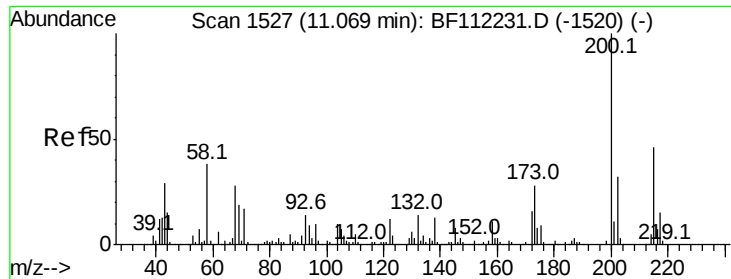
#68
Hexachlorobenzene
Concen: 41.274 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.5	27.6	41.4
249	33.0	24.1	36.1



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





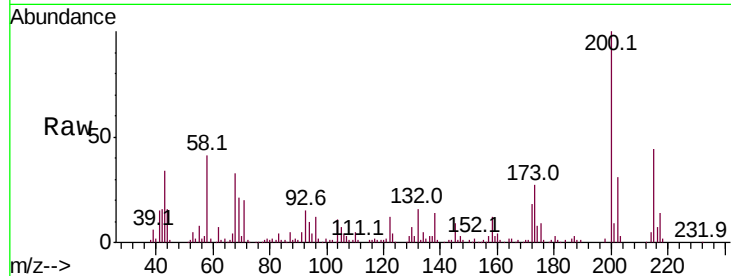
#69
Atrazine
Concen: 39.861 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.01 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

Instrument :
BNA_F
ClientSampleId :
COMPMSD

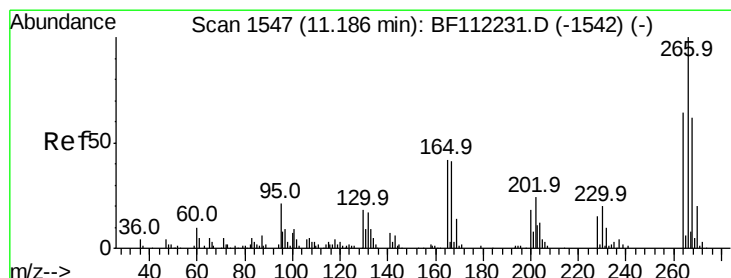
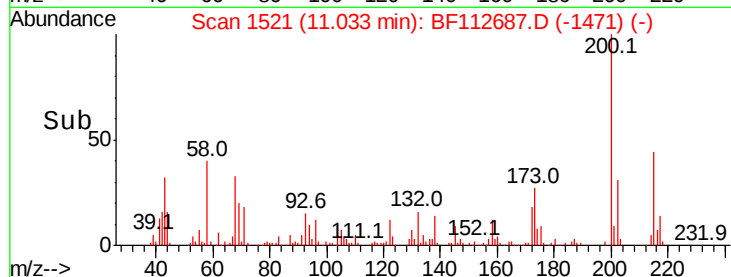
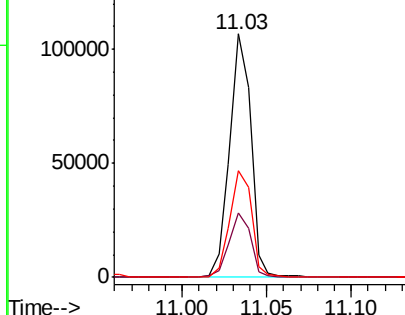
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.5	7.1	47.1
215	43.9	30.4	70.4

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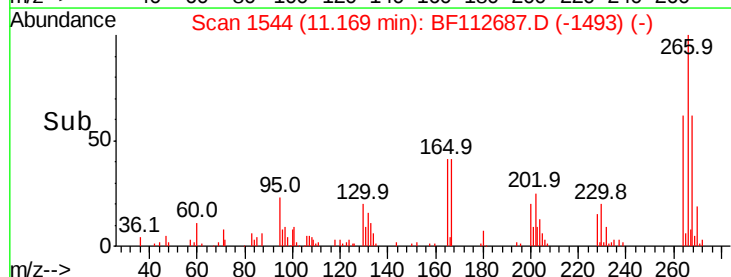
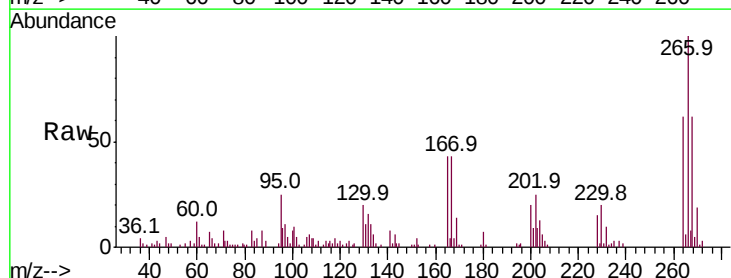
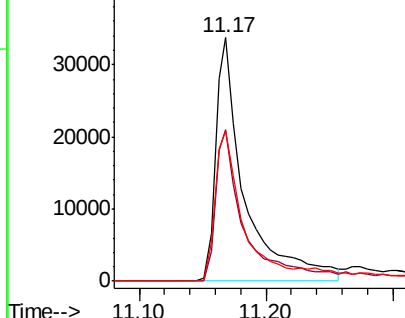
Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

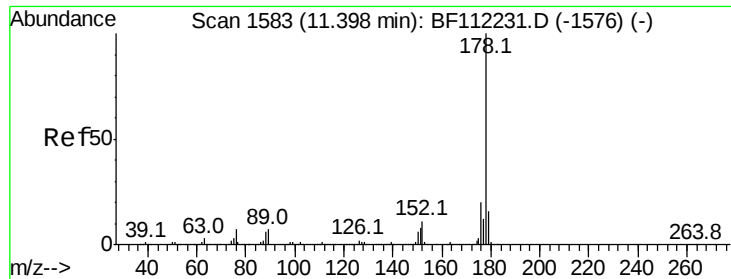


#70
Pentachlorophenol
Concen: 50.840 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.00 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.2	51.2	76.8
264	61.6	50.9	76.3

Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





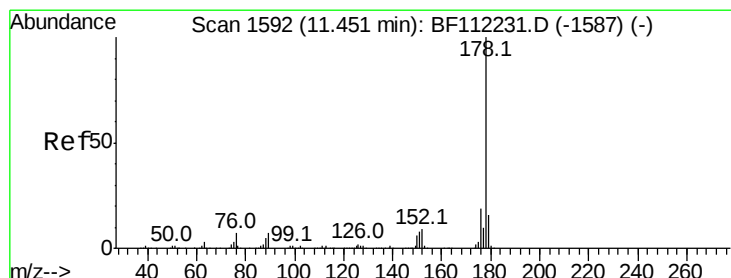
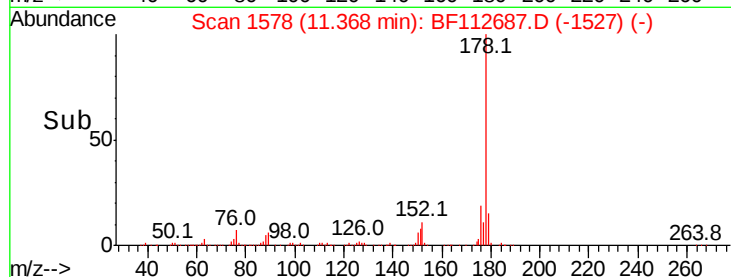
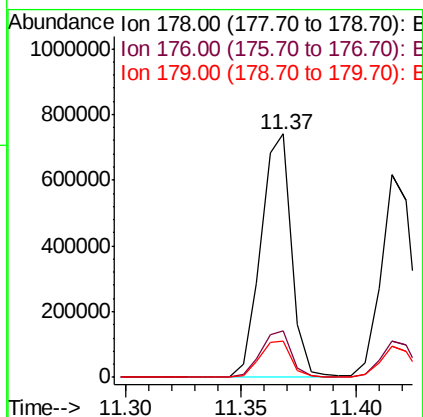
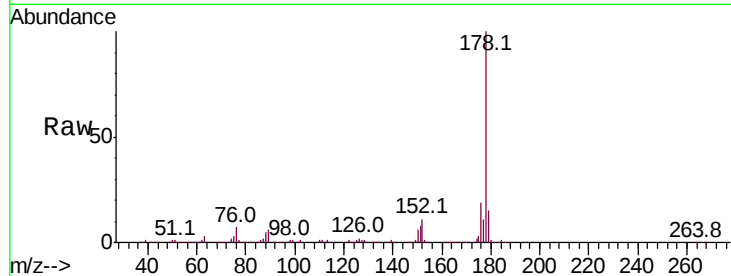
#71
Phenanthrene
Concen: 61.016 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

Instrument :
BNA_F
ClientSampleId :
COMPMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.3	24.5
179	15.0	13.0	19.4

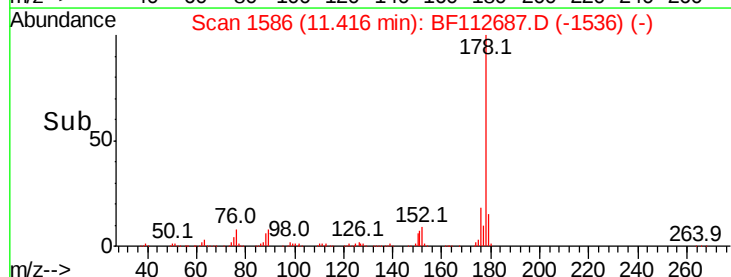
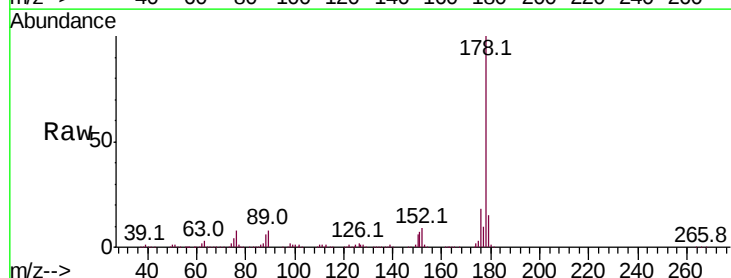
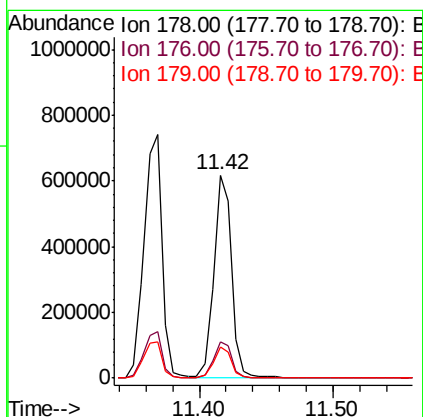
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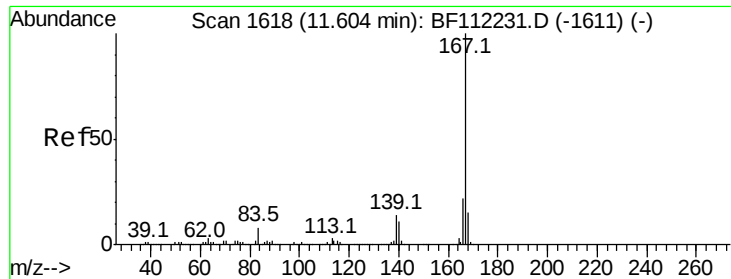
Sohil
2/26/2019 2:39:01 PM



#72
Anthracene
Concen: 51.747 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.5	23.3
179	15.4	12.8	19.2





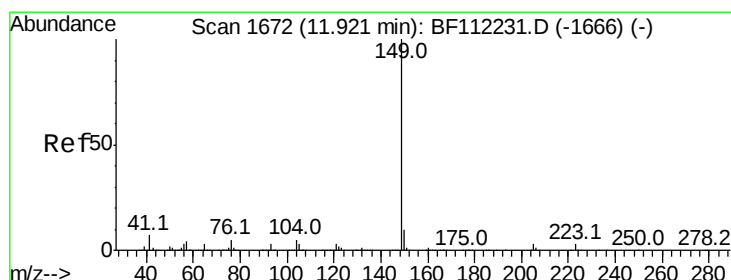
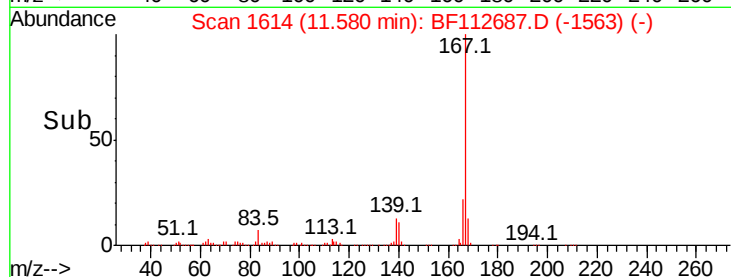
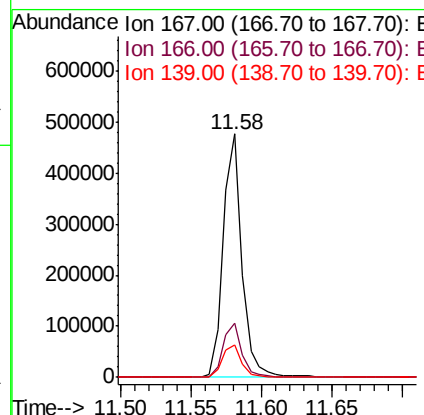
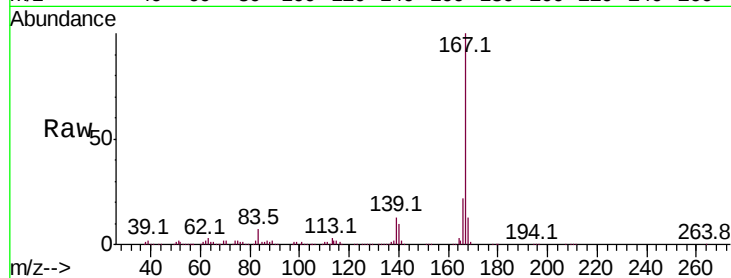
#73
 Carbazole
 Concen: 39.901 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. -0.00 min
 Lab File: BF112687.D
 Acq: 25 Feb 2019 12:53

Instrument :
 BNA_F
 ClientSampleId :
 COMPMDS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.9	26.9
139	13.4	10.2	15.2

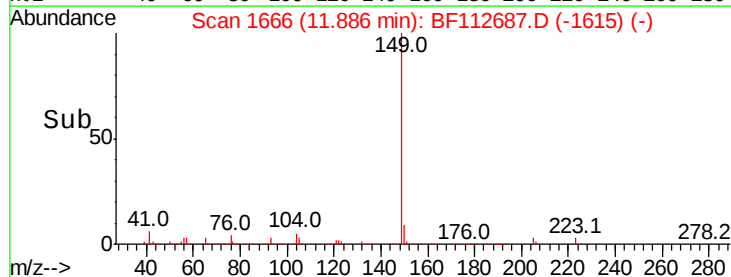
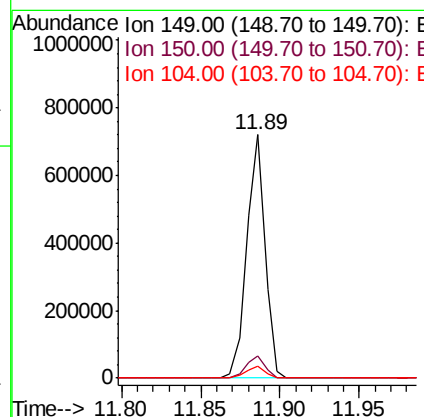
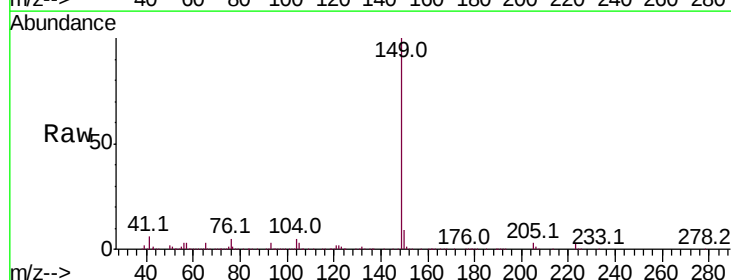
Manual Integrations
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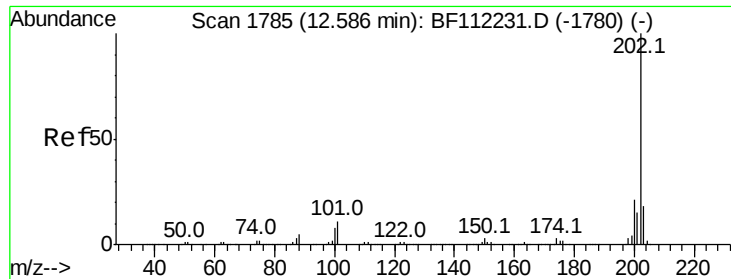
Sohil
 2/26/2019 2:39:01 PM



#74
 Di-n-butylphthalate
 Concen: 41.937 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BF112687.D
 Acq: 25 Feb 2019 12:53

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	8.1	12.1
104	4.9	3.9	5.9





#75

Fluoranthene

Concen: 82.061 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.00 min

Lab File: BF112687.D

Acq: 25 Feb 2019 12:53

Instrument :

BNA_F

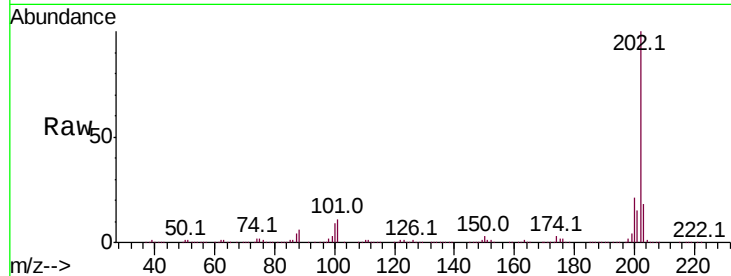
ClientSampled :

COMPMSD

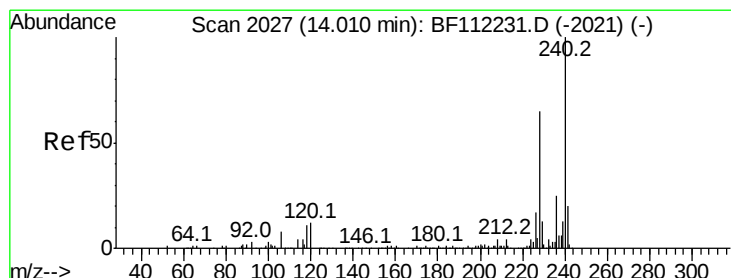
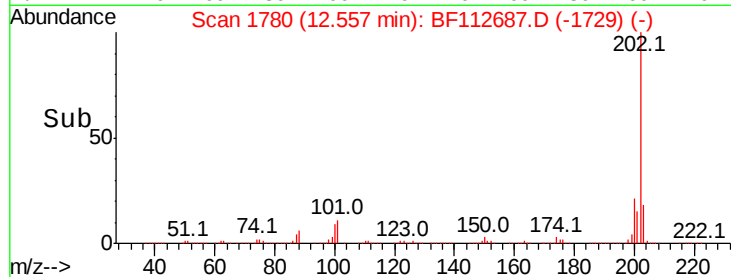
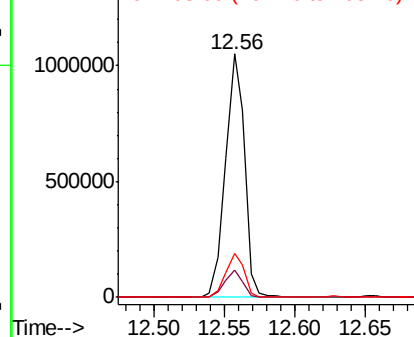
Tot Ion	Ratio	Resp	Lower	Upper
202	100			
101	11.4	0.0	31.8	
203	18.2	0.0	38.4	

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

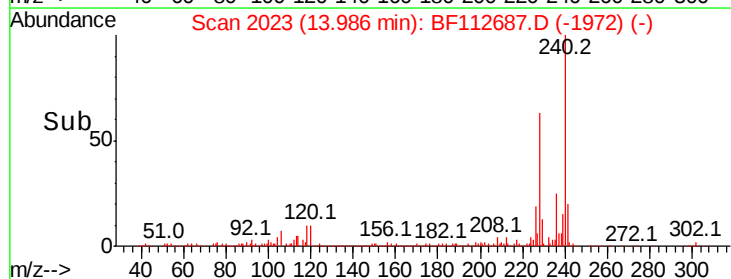
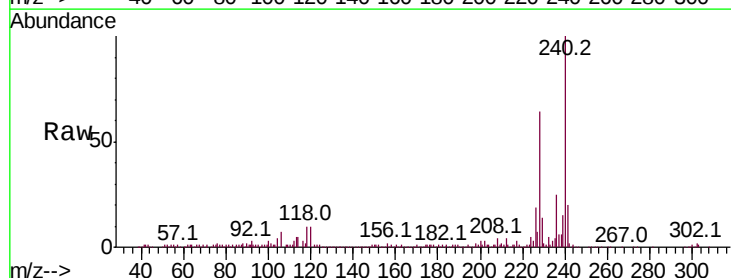
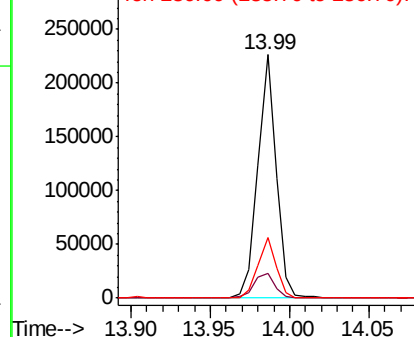
Delta R.T. -0.00 min

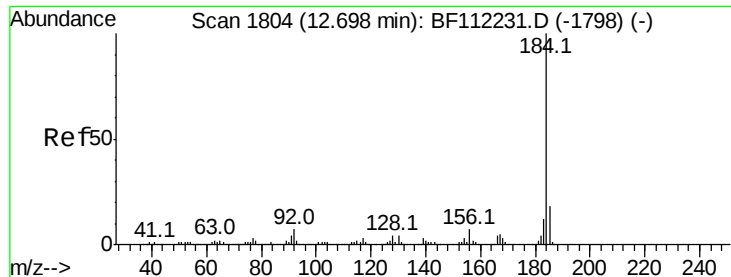
Lab File: BF112687.D

Acq: 25 Feb 2019 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
240	100			
120	10.4	9.0	13.6	
236	25.1	20.7	31.1	

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





#77

Benzidine

Concen: 22.549 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.00 min

Lab File: BF112687.D

Acq: 25 Feb 2019 12:53

Instrument :

BNA_F

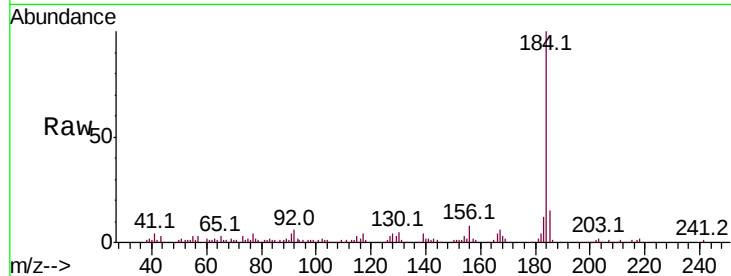
ClientSampleId :

COMPMSD

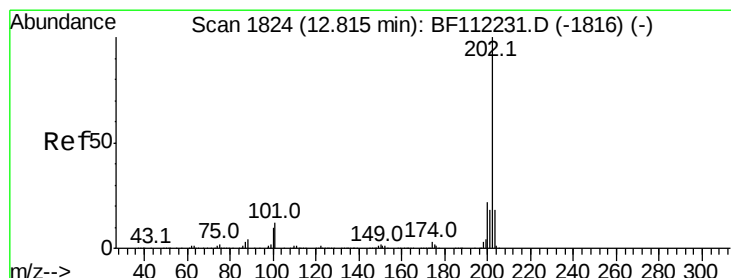
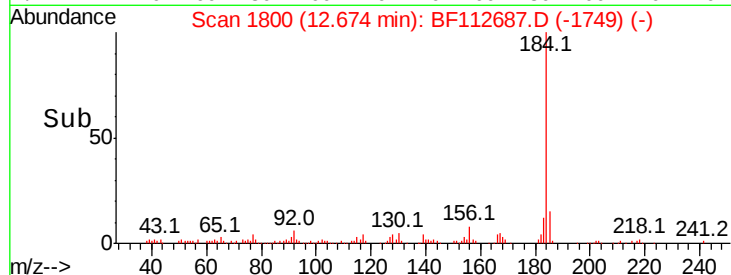
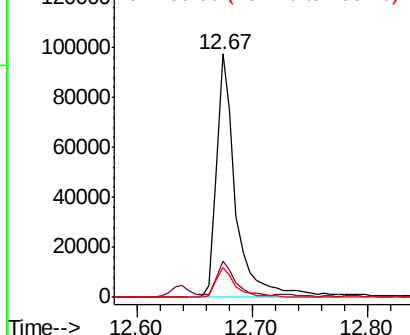
Tot Ion:	184	Resp:	113277
Ion Ratio	Lower	Upper	
184	100		
185	15.1	13.9	20.9
183	12.2	10.0	15.0

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



#78

Pyrene

Concen: 74.219 ng

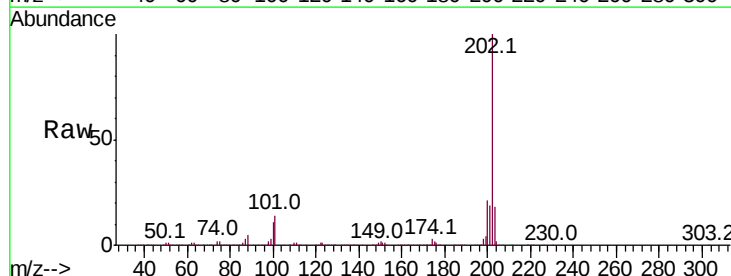
RT: 12.79 min Scan# 1819

Delta R.T. -0.00 min

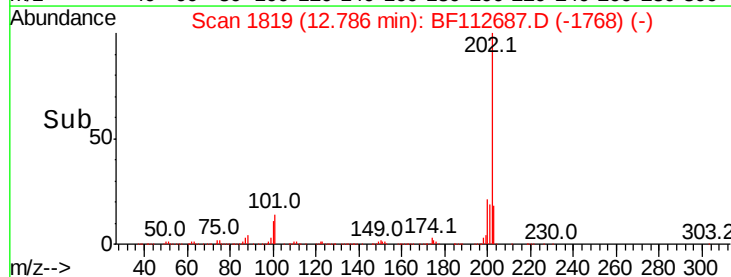
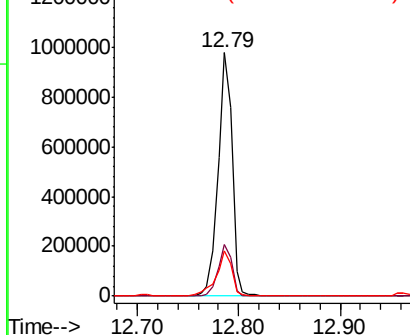
Lab File: BF112687.D

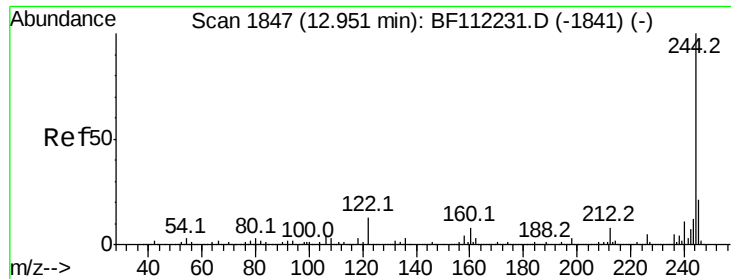
Acq: 25 Feb 2019 12:53

Tgt Ion:	202	Resp:	937873
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.7	26.5
203	18.4	14.6	22.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.191 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF112687.D

Acq: 25 Feb 2019 12:53

Instrument :

BNA_F

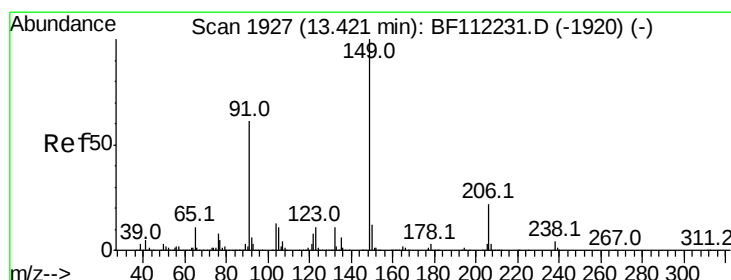
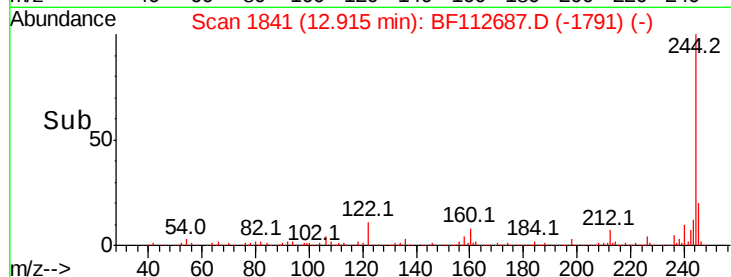
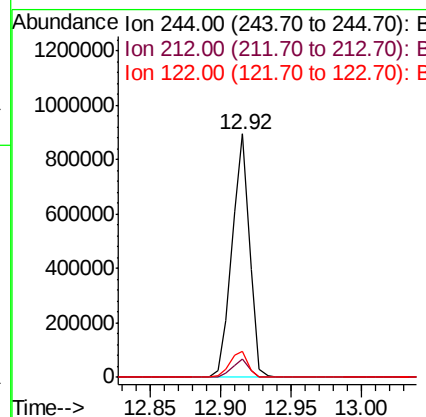
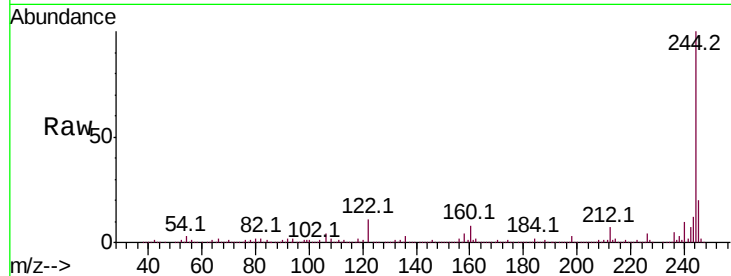
ClientSampleId :

COMPMSD

Tot Ion:	244	Resp:	767421
Ion Ratio	Lower	Upper	
244	100		
212	7.4	5.9	8.9
122	10.9	9.8	14.6

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#80

Butylbenzylphthalate

Concen: 36.906 ng

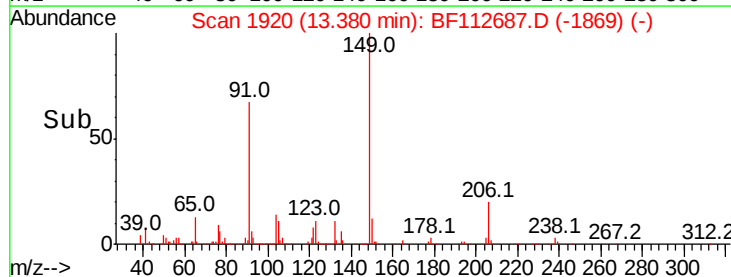
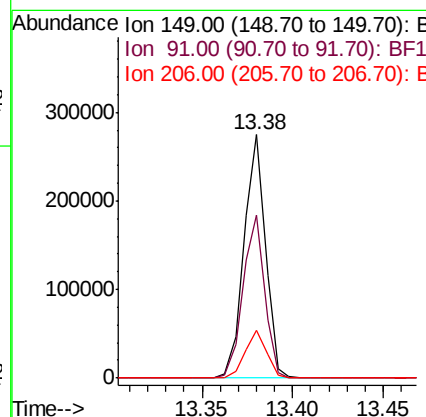
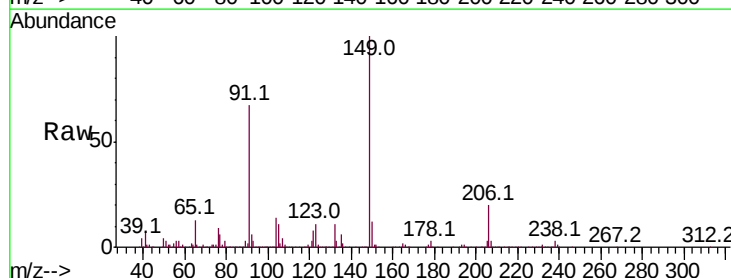
RT: 13.38 min Scan# 1920

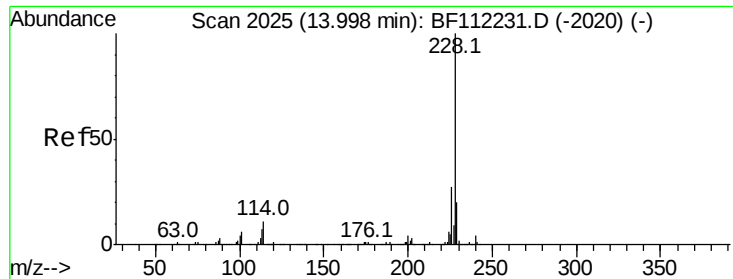
Delta R.T. -0.00 min

Lab File: BF112687.D

Acq: 25 Feb 2019 12:53

Tgt Ion:	149	Resp:	225637
Ion Ratio	Lower	Upper	
149	100		
91	67.0	50.3	75.5
206	19.9	18.2	27.4





#81

Benzo(a)anthracene

Concen: 70.204 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BF112687.D

Acq: 25 Feb 2019 12:53

Instrument :

BNA_F

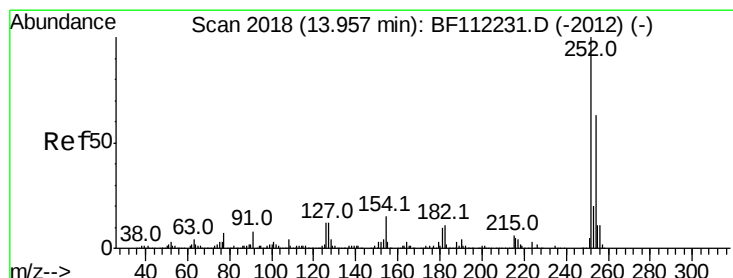
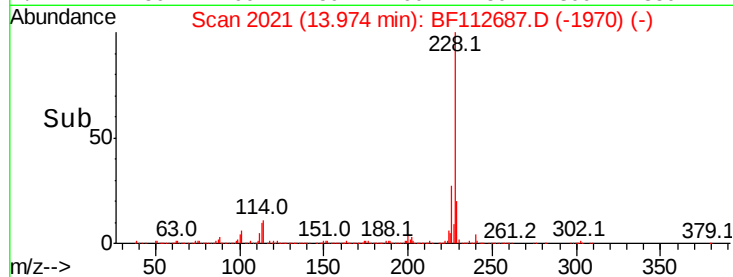
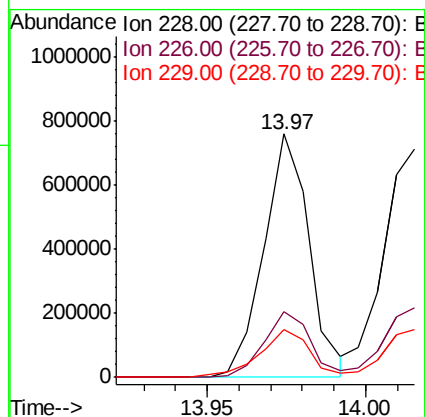
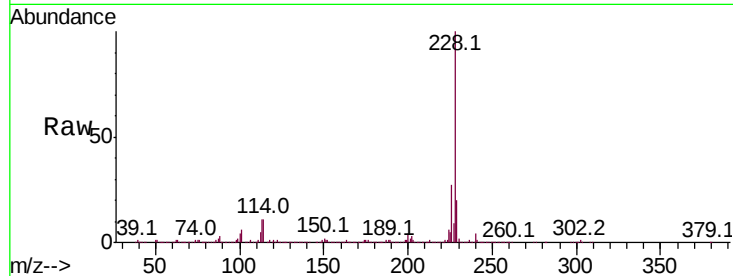
ClientSampleId :

COMPMSD

Tot Ion:	228	Resp:	753253
Ion Ratio	Lower	Upper	
228	100		
226	27.1	22.6	34.0
229	19.7	16.5	24.7

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 30.691 ng

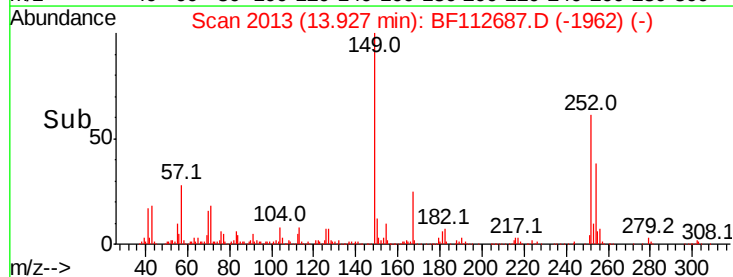
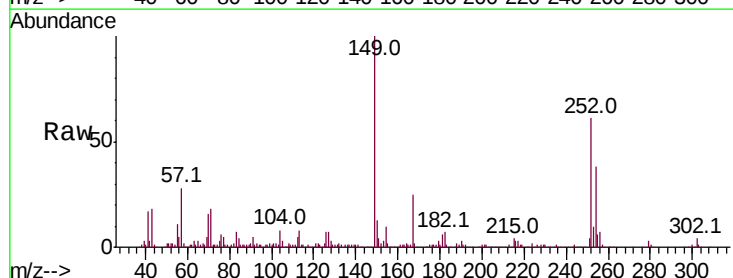
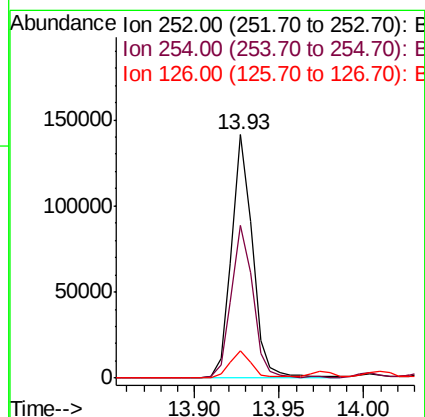
RT: 13.93 min Scan# 2013

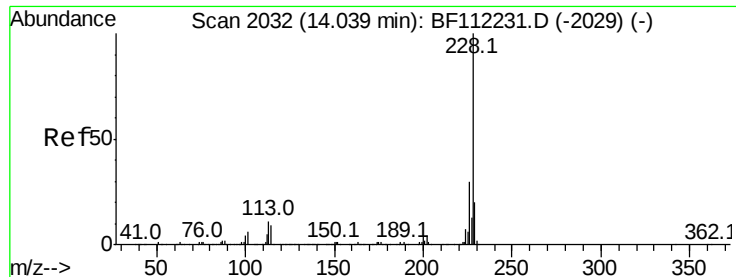
Delta R.T. -0.00 min

Lab File: BF112687.D

Acq: 25 Feb 2019 12:53

Tgt Ion:	252	Resp:	123240
Ion Ratio	Lower	Upper	
252	100		
254	62.6	51.6	77.4
126	11.4	8.6	12.8





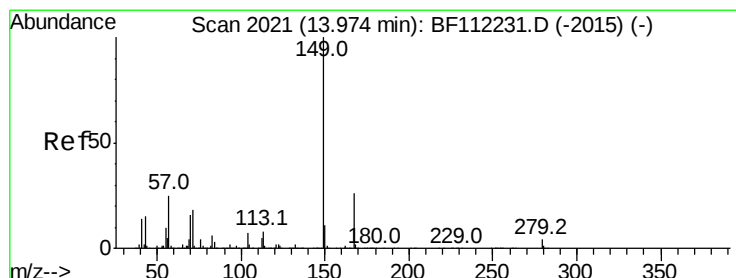
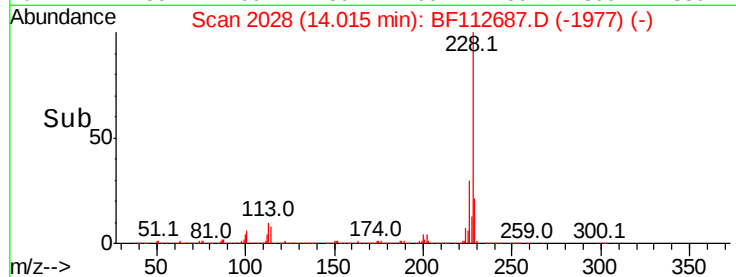
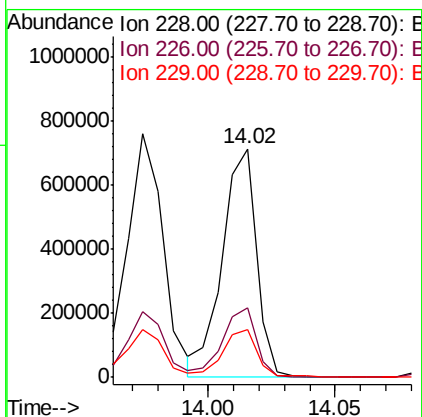
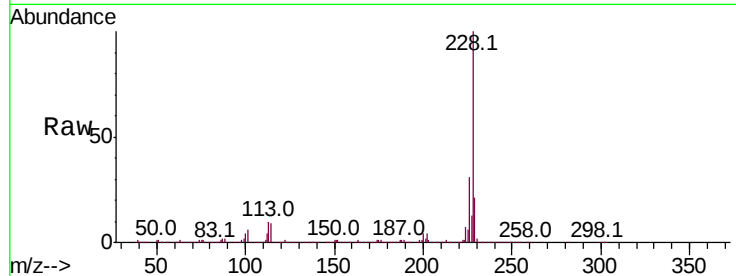
#83
 Chrvsene
 Concen: 65.281 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.00 min
 Lab File: BF112687.D
 Acq: 25 Feb 2019 12:53

Instrument :
 BNA_F
 ClientSampleId :
 COMPMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	20.7	16.6	24.8

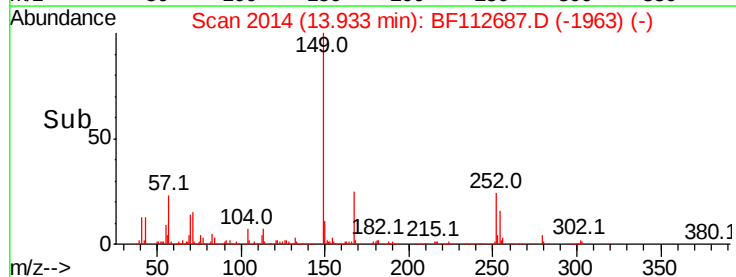
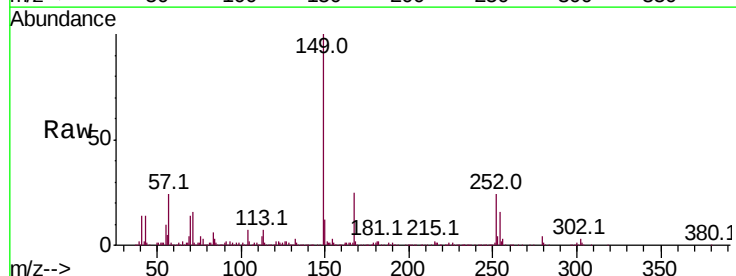
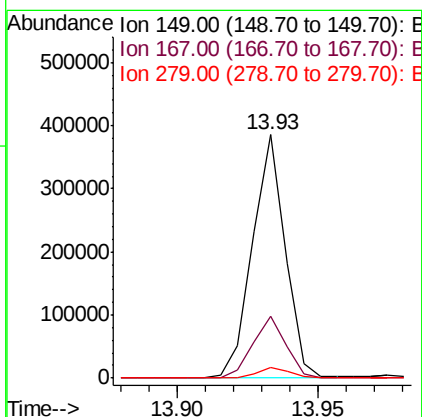
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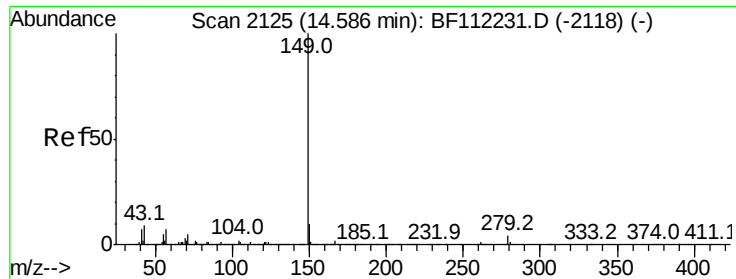
Sohil
 2/26/2019 2:39:01 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 35.692 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: BF112687.D
 Acq: 25 Feb 2019 12:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.2	22.5	33.7
279	4.1	3.8	5.6





#85

Di-n-octyl phthalate

Concen: 41.195 ng

RT: 14.54 min Scan# 2117

Delta R.T. -0.00 min

Lab File: BF112687.D

Acq: 25 Feb 2019 12:53

Instrument :

BNA_F

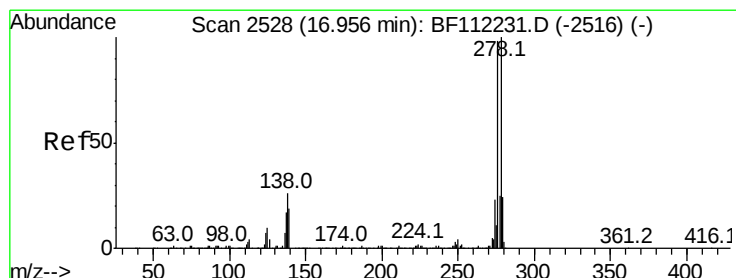
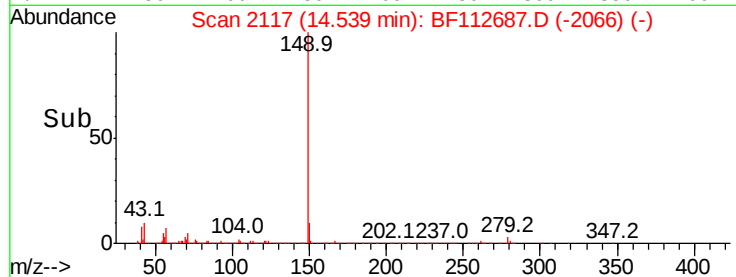
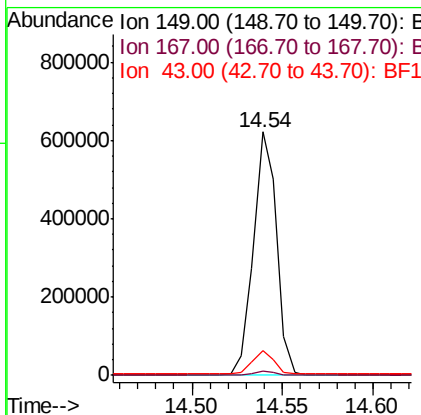
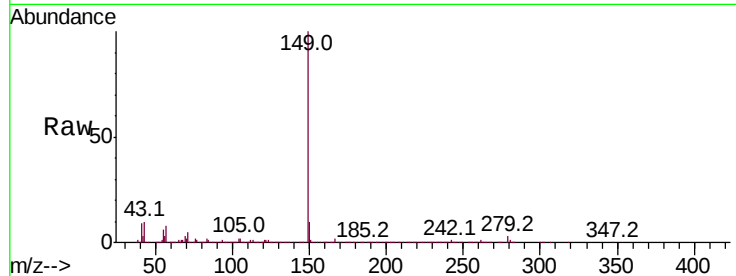
ClientSampleId :

COMPMSSD

Tot Ion:	149	Resp:	550040
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	9.1	7.8	11.6

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#86

Indeno(1,2,3-cd)pyrene

Concen: 66.890 ng

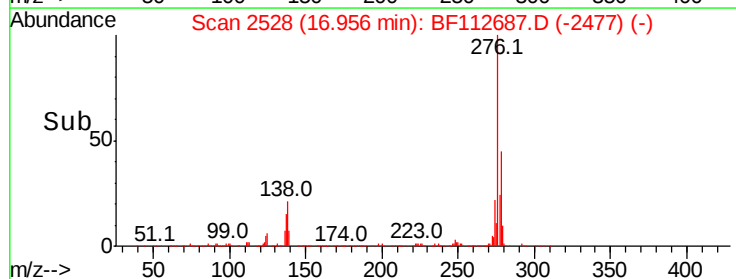
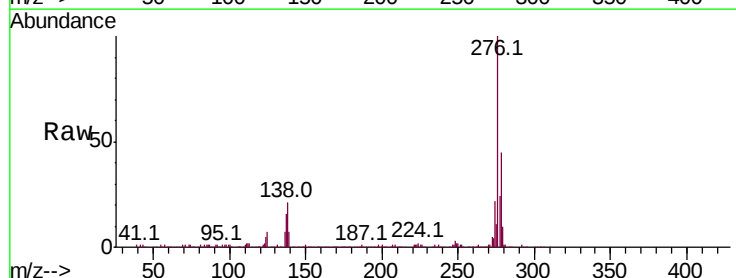
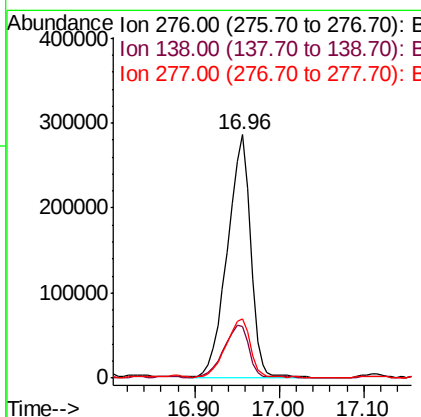
RT: 16.96 min Scan# 2528

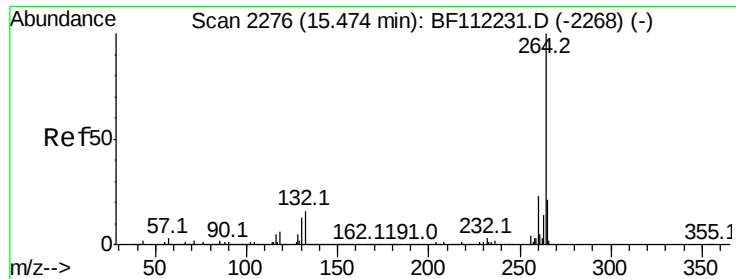
Delta R.T. -0.00 min

Lab File: BF112687.D

Acq: 25 Feb 2019 12:53

Tgt Ion:	276	Resp:	542840
Ion Ratio	Lower	Upper	
276	100		
138	23.5	22.6	34.0
277	24.9	20.3	30.5





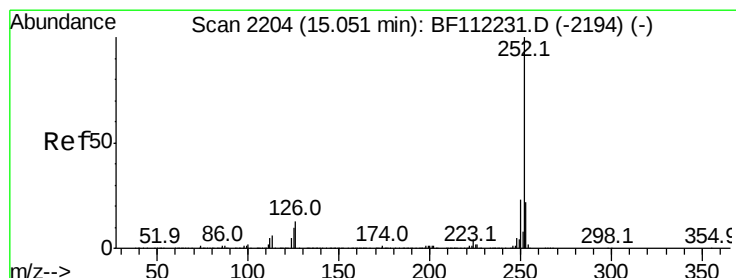
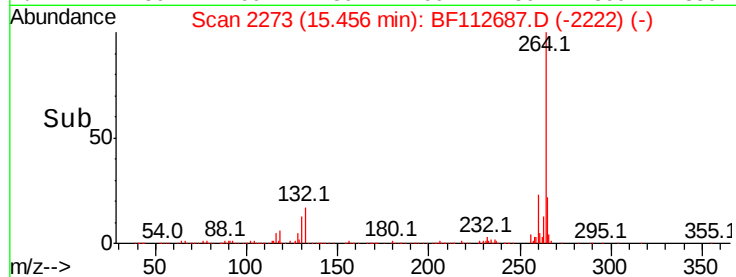
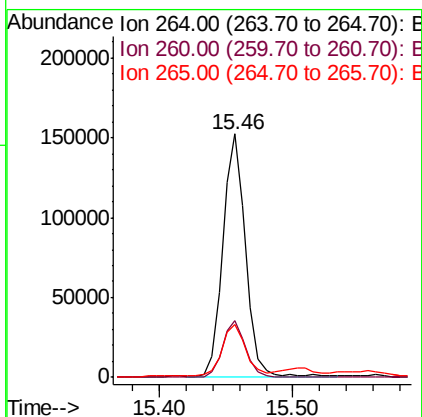
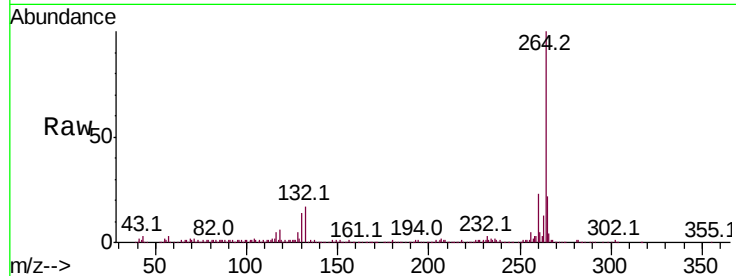
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

Instrument :
BNA_F
ClientSampleId :
COMPMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.2
265	22.0	17.0	25.4

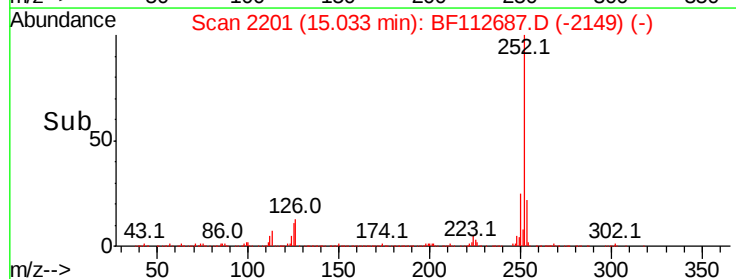
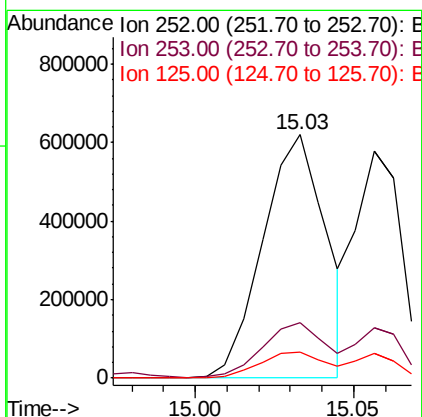
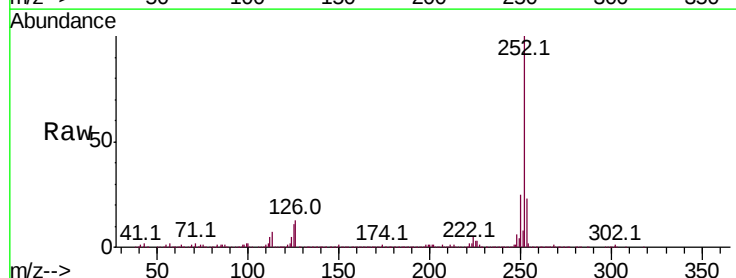
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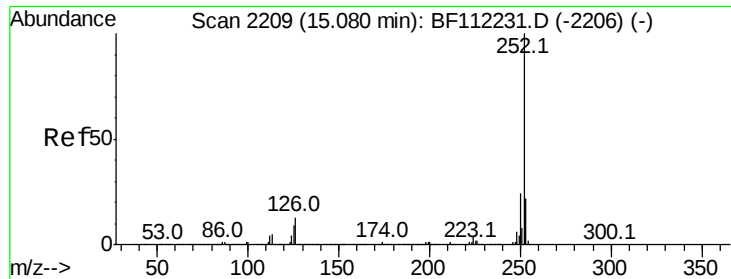
Sohil
2/26/2019 2:39:01 PM



#88
Benzo(b)fluoranthene
Concen: 78.918 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	10.9	8.7	13.1





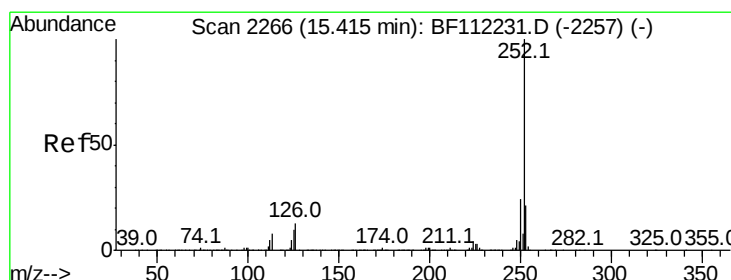
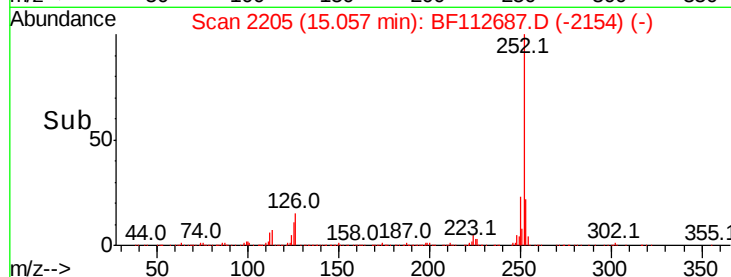
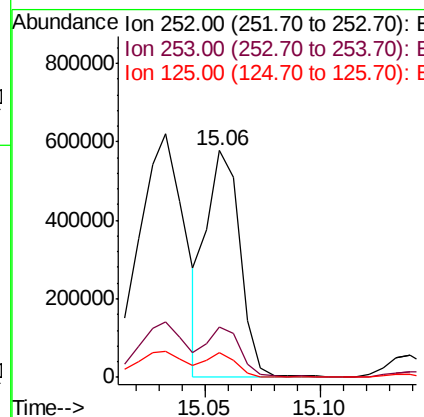
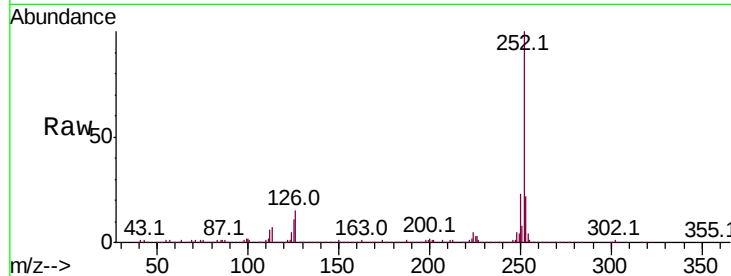
#89
Benzo(k)fluoranthene
Concen: 55.646 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

Instrument :
BNA_F
ClientSampleId :
COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	577591		
253	22.3	18.0	27.0	
125	11.1	9.1	13.7	

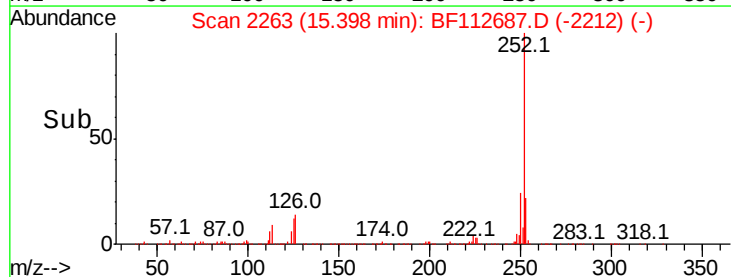
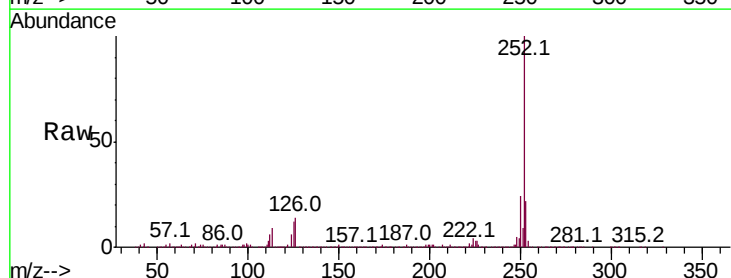
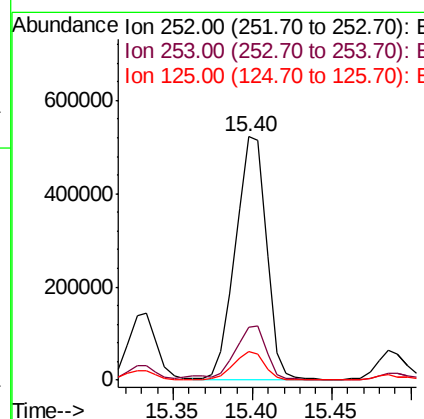
Manual Integrations
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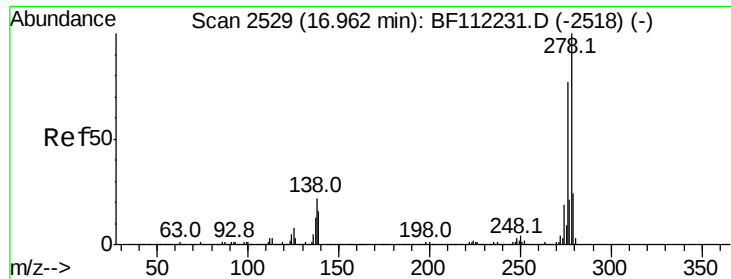
Sohil
2/26/2019 2:39:01 PM



#90
Benzo(a)pyrene
Concen: 72.755 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.00 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	709401		
253	21.9	17.5	26.3	
125	11.7	9.0	13.4	





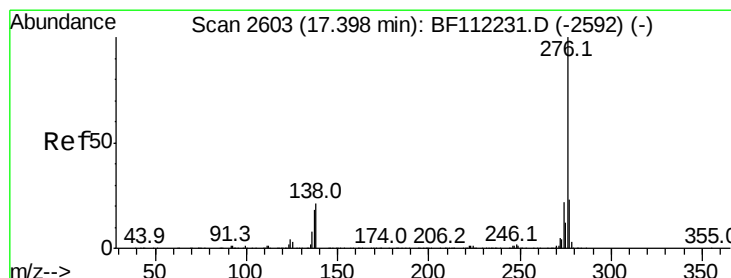
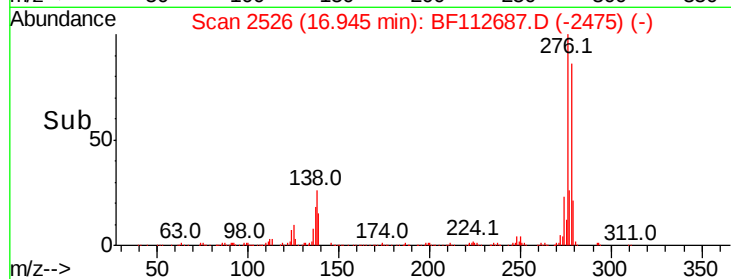
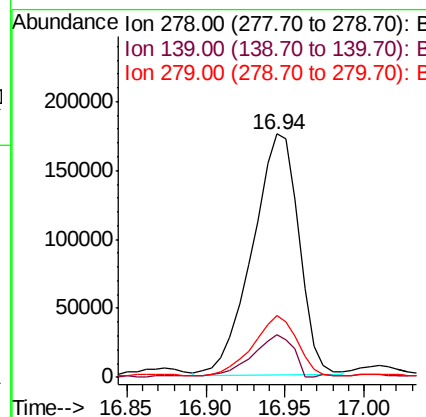
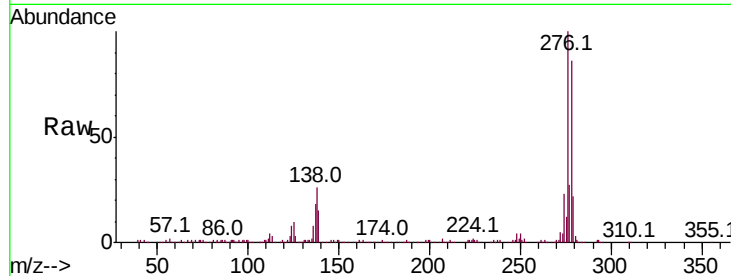
#91
Dibenzo(a,h)anthracene
Concen: 45.721 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.00 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

Instrument :
BNA_F
ClientSampleId :
COMPMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.4	13.7	20.5
279	25.6	19.0	28.6

Manual Integrations
APPROVED

Sohil
2/26/2019 2:39:01 PM



#92
Benzo(g,h,i)perylene
Concen: 59.512 ng
RT: 17.40 min Scan# 2604
Delta R.T. 0.01 min
Lab File: BF112687.D
Acq: 25 Feb 2019 12:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.7	19.4	29.0
138	20.3	19.1	28.7

