

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
 Data File : BF106787.D
 Acq On : 25 Jun 2018 22:21
 Operator : JU/SJ
 Sample : J3241-17MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-062218-CMS

Manual Integrations
 APPROVED

Sohil

Quant Time: Jun 26 04:28:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

6/27/2018 10:55:44 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	49581	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	171589	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	76532	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	117684	20.00	ng	0.00
75) Chrysene-d12	14.19	240	57393	20.00	ng	0.03
86) Perylene-d12	15.72	264	88095m	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	289524	98.88	ng	0.00
7) Phenol-d6	6.61	99	355675	97.27	ng	0.00
23) Nitrobenzene-d5	7.52	82	215050	69.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	89268	100.64	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	381772	84.32	ng	0.00
78) Terphenyl-d14	13.10	244	387625	163.60	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.84	88	39888	26.498	ng	98
3) Pyridine	3.62	79	114467	28.038	ng	97
4) n-Nitrosodimethylamine	3.58	42	48755	28.118	ng	# 84
6) Aniline	6.63	93	78553	15.837	ng	# 72
8) 2-Chlorophenol	6.75	128	109363	34.053	ng	99
9) Benzaldehyde	6.51	77	78536	29.365	ng	89
10) Phenol	6.62	94	140984	33.785	ng	93
11) bis(2-Chloroethyl)ether	6.70	93	115335	33.479	ng	98
12) 1,3-Dichlorobenzene	6.90	146	129000	34.296	ng	98
13) 1,4-Dichlorobenzene	6.98	146	129512	34.057	ng	98
14) 1,2-Dichlorobenzene	7.13	146	117078	33.594	ng	99
15) Benzyl Alcohol	7.10	79	96191	32.762	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	152238	33.681	ng	67
17) 2-Methylphenol	7.22	107	89925	32.720	ng	# 93
18) Hexachloroethane	7.47	117	45135	33.751	ng	# 79
19) n-Nitroso-di-n-propylamine	7.37	70	72647	30.140	ng	95
20) 3+4-Methylphenols	7.37	107	113281	36.145	ng	# 71
22) Acetophenone	7.37	105	151464	39.455	ng	# 99
24) Nitrobenzene	7.54	77	113736	36.080	ng	96
25) Isophorone	7.78	82	203221	37.351	ng	97
26) 2-Nitrophenol	7.86	139	57268	38.484	ng	97
27) 2,4-Dimethylphenol	7.90	122	94450	41.063	ng	98
28) bis(2-Chloroethoxy)methane	7.98	93	131152	35.902	ng	98
29) 2,4-Dichlorophenol	8.11	162	90355	37.522	ng	94
30) 1,2,4-Trichlorobenzene	8.18	180	104589	39.427	ng	96
31) Naphthalene	8.27	128	308942	38.510	ng	99
32) Benzoic acid	8.02	122	4925	8.323	ng	# 77
33) 4-Chloroaniline	8.32	127	50933	15.131	ng	97
34) Hexachlorobutadiene	8.37	225	71213	41.199	ng	98
35) Caprolactam	8.68	113	28554	36.377	ng	# 87
36) 4-Chloro-3-methylphenol	8.81	107	86528	34.138	ng	95
37) 2-Methylnaphthalene	8.96	142	289358	54.417	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	103832	40.286	ng	# 96
42) 2,4,6-Trichlorophenol	9.24	196	60178	35.126	ng	93

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 APPROVED

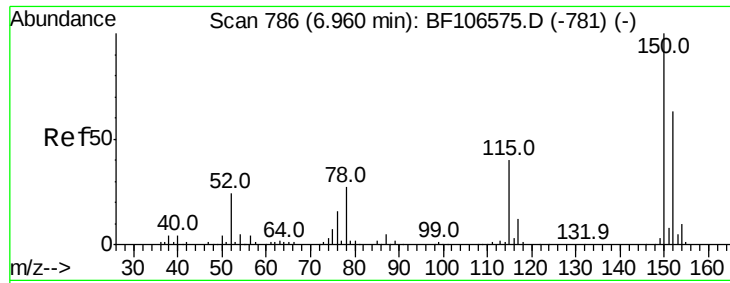
Sohil

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.29	196	59063	33.039	nq	91
45) 1,1'-Biphenyl	9.42	154	242930	39.830	nq	98
46) 2-Chloronaphthalene	9.45	162	167544	34.898	nq	96
47) 2-Nitroaniline	9.55	65	48119	29.806	nq	98
48) Acenaphthylene	9.87	152	282204	37.231	nq	98
49) Dimethylphthalate	9.71	163	244894	42.664	nq	98
50) 2,6-Dinitrotoluene	9.79	165	42630	35.073	nq	85
51) Acenaphthene	10.05	154	603344	126.406	nq	98
52) 3-Nitroaniline	9.96	138	35226	25.185	nq	97
53) 2,4-Dinitrophenol	10.08	184	6676	15.210	nq	# 27
54) Dibenzofuran	10.21	168	268647	41.104	nq	96
55) 4-Nitrophenol	10.14	139	56684	58.060	nq	98
56) 2,4-Dinitrotoluene	10.20	165	50332	31.725	nq	# 90
57) Fluorene	10.56	166	428930	82.703	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.33	232	49233	34.645	nq	# 79
59) Diethylphthalate	10.41	149	174809	31.554	nq	94
60) 4-Chlorophenyl-phenylether	10.54	204	91797	33.828	nq	# 87
61) 4-Nitroaniline	10.58	138	40367	29.081	nq	92
62) Azobenzene	10.70	77	154109	28.248	nq	# 84
64) 4,6-Dinitro-2-methylphenol	10.62	198	6654	9.147	nq	# 70
65) n-Nitrosodiphenylamine	10.66	169	210760	53.244	nq	93
66) 4-Bromophenyl-phenylether	11.03	248	60274	42.915	nq	# 83
67) Hexachlorobenzene	11.12	284	60283	41.009	nq	# 83
68) Atrazine	11.20	200	53881	42.818	nq	96
69) Pentachlorophenol	11.32	266	40439	55.134	nq	99
70) Phenanthrene	11.54	178	2454320	432.393	nq	99
71) Anthracene	11.60	178	1108757	191.374	nq	96
72) Carbazole	11.74	167	350826	64.677	nq	98
73) Di-n-butylphthalate	12.05	149	133086	20.826	nq	# 85
74) Fluoranthene	12.75	202	2299639	367.575	nq	95
76) Benzidine	12.87	184	16854	10.311	nq	# 83
77) Pyrene	13.01	202	2572747m	679.781	nq	
79) Butylbenzylphthalate	13.56	149	103587	66.570	nq	# 93
80) Benzo(a)anthracene	14.18	228	2173431	621.345	nq	95
81) 3,3'-Dichlorobenzidine	14.14	252	65748	53.480	nq	# 96
82) Chrysene	14.22	228	1317918	409.536	nq	95
83) Bis(2-ethylhexyl)phthalate	14.12	149	144071	72.420	nq	# 94
84) Di-n-octyl phthalate	14.74	149	228684	70.521	nq	# 94
85) Indeno(1,2,3-cd)pyrene	17.35	276	847780	310.434	nq	# 86
87) Benzo(b)fluoranthene	15.28	252	1688932m	308.627	nq	
88) Benzo(k)fluoranthene	15.31	252	491263m	94.268	nq	
89) Benzo(a)pyrene	15.68	252	1399442m	287.664	nq	
90) Dibenzo(a,h)anthracene	17.35	278	340171m	82.507	nq	
91) Benzo(g,h,i)perylene	17.84	276	895173	222.138	nq	# 87

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



#1

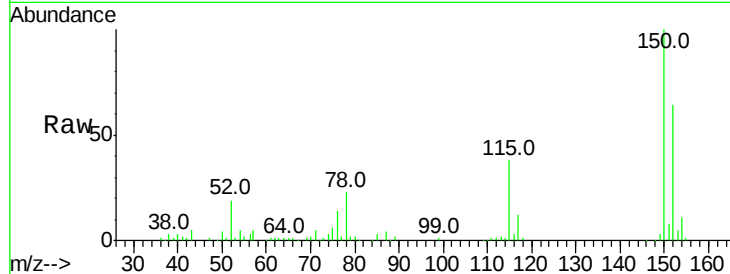
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106787.D
Acq: 25 Jun 2018 22:21

Instrument :
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ClientSampleId :
HR-06-062218-CMS

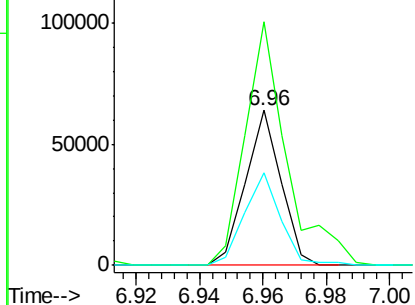
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.6	186.8
115	59.3	50.1	75.1

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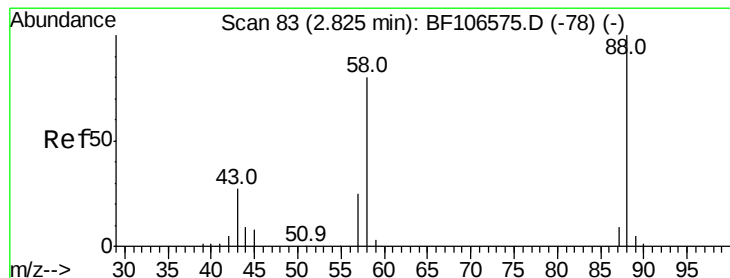
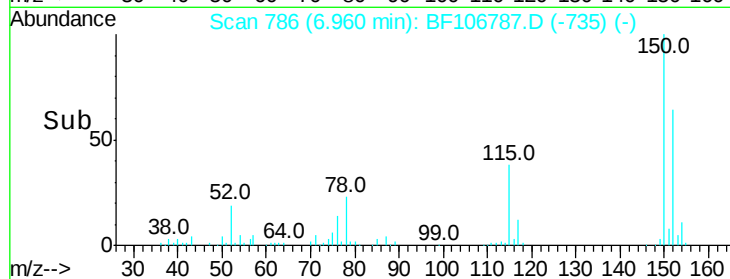
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



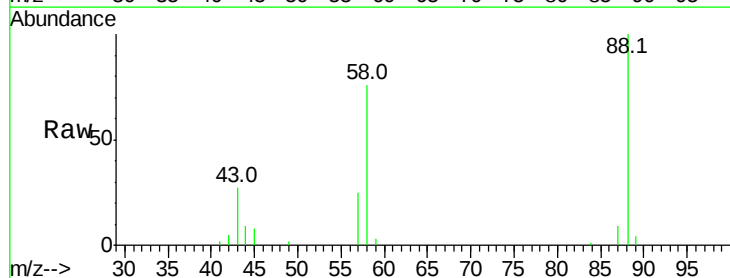
6/27/2018 10:55:44 AM



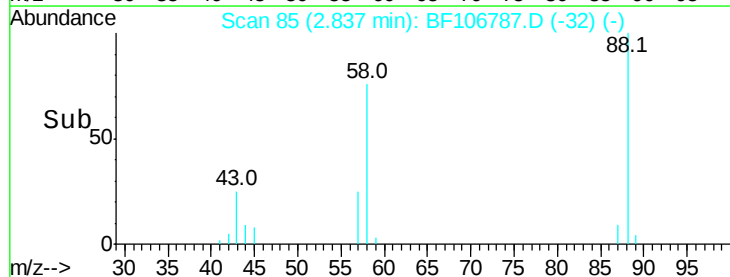
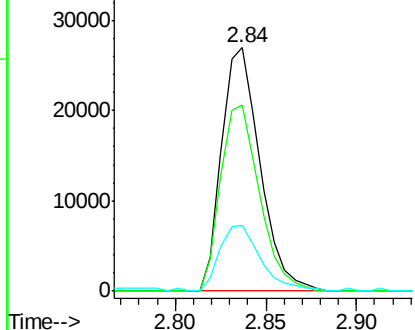
#2

1,4-Dioxane
Concen: 26.498 ng
RT: 2.84 min Scan# 85
Delta R.T. 0.01 min
Lab File: BF106787.D
Acq: 25 Jun 2018 22:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.1	62.6	93.8
43	28.9	24.6	37.0



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: 28.038 ng

RT: 3.62 min Scan# 218

Delta R.T. 0.01 min

Lab File: BF106787.D

Acq: 25 Jun 2018 22:21

Instrument :

BNA_F

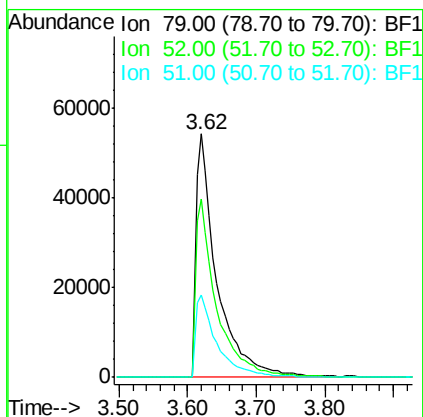
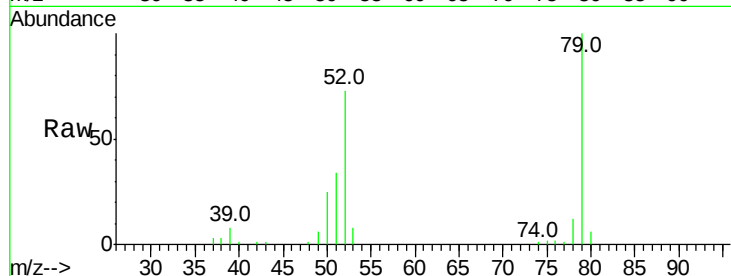
ClientSampleId :

HR-06-062218-CMS

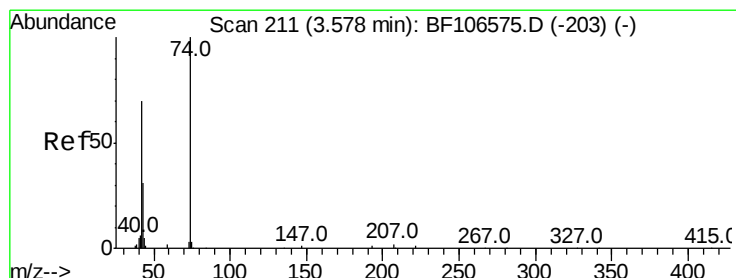
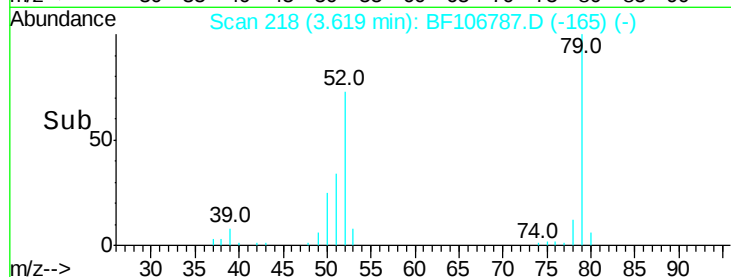
Tot Ion:	79	Resp:	114467
Ion Ratio	Lower	Upper	
79	100		
52	73.0	59.8	89.6
51	33.7	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 28.118 ng

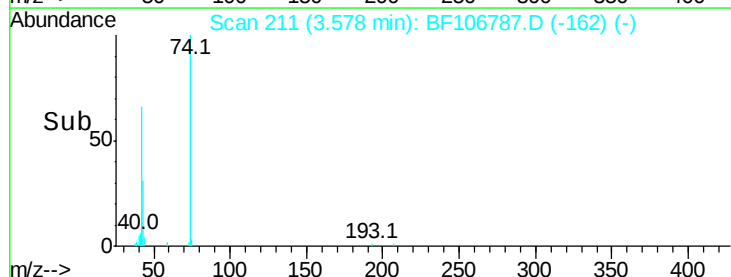
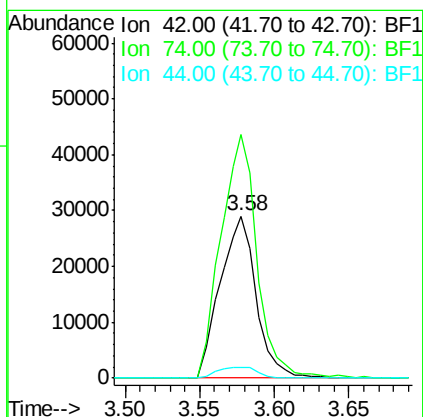
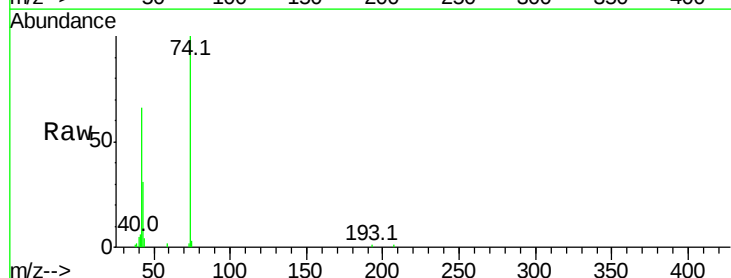
RT: 3.58 min Scan# 211

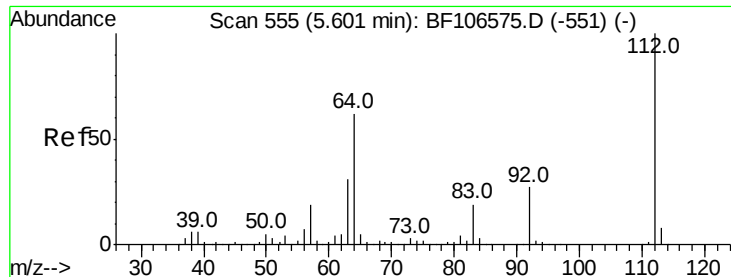
Delta R.T. -0.01 min

Lab File: BF106787.D

Acq: 25 Jun 2018 22:21

Tgt Ion:	42	Resp:	48755
Ion Ratio	Lower	Upper	
42	100		
74	150.6	104.9	157.3
44	6.6	6.9	10.3#





#5

2-Fluorophenol

Concen: 98.880 ng

RT: 5.61 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF106787.D

Acq: 25 Jun 2018 22:21

Instrument :

BNA_F

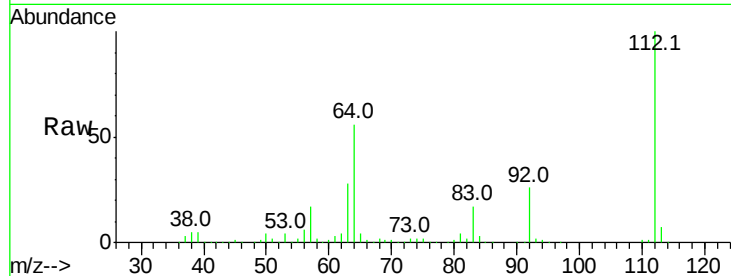
ClientSampleId :

HR-06-062218-CMS

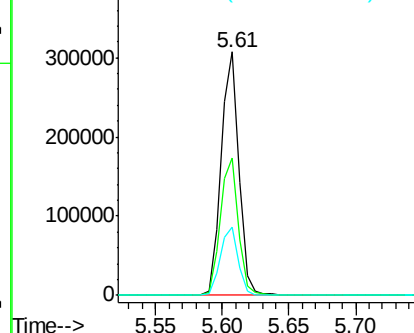
Tot Ion:	112	Resp:	289524
Ion Ratio	Lower	Upper	
112	100		
64	56.4	47.9	71.9
63	27.8	23.7	35.5

Manual Integrations
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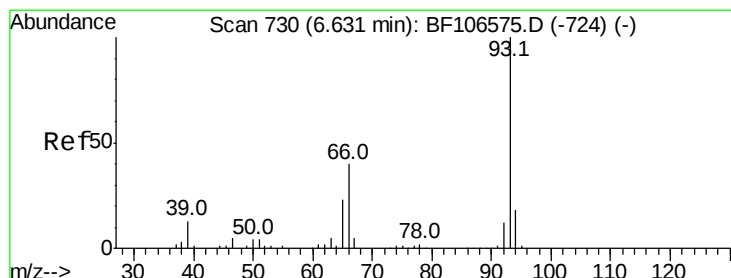
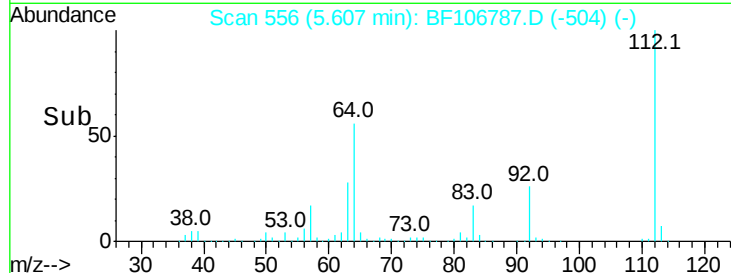
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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



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#6

Aniline

Concen: 15.837 ng

RT: 6.63 min Scan# 730

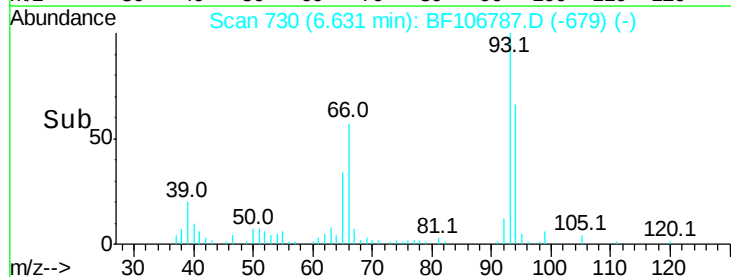
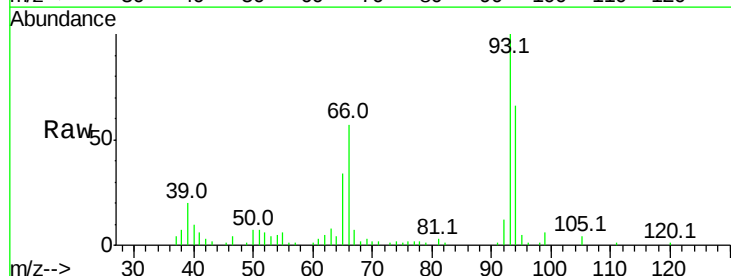
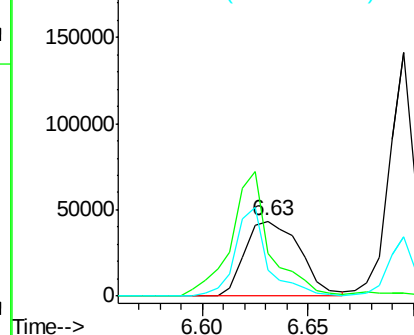
Delta R.T. 0.00 min

Lab File: BF106787.D

Acq: 25 Jun 2018 22:21

Tgt Ion:	93	Resp:	78553
Ion Ratio	Lower	Upper	
93	100		
66	56.9	32.2	48.2#
65	34.0	16.4	24.6#

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: 97.271 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106787.D

Acq: 25 Jun 2018 22:21

Instrument :

BNA_F

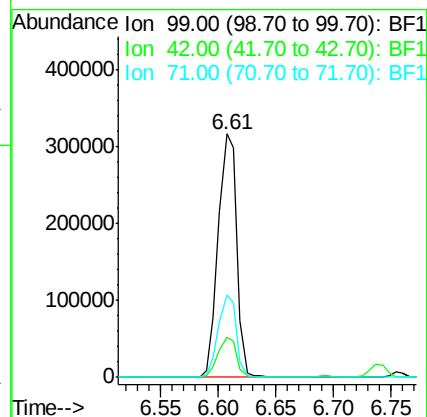
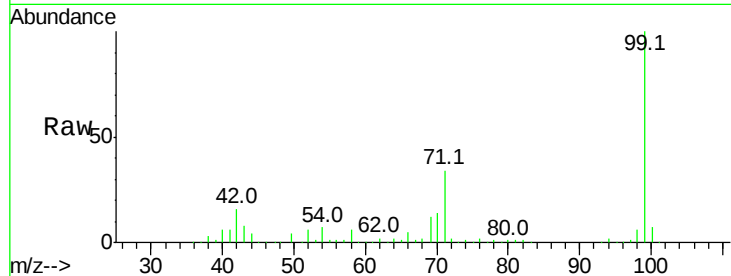
ClientSampleId :

HR-06-062218-CMS

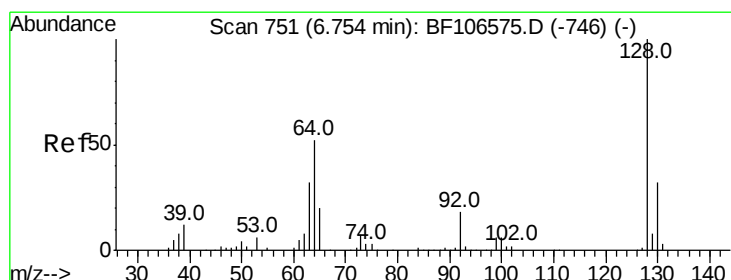
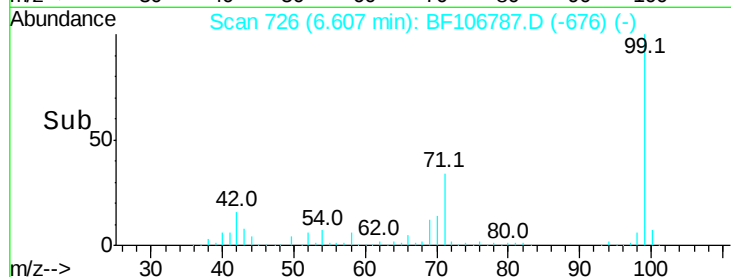
Tot Ion:	99	Resp:	355675
Ion Ratio	Lower	Upper	
99	100		
42	16.4	14.5	21.7
71	33.6	25.4	38.0

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#8

2-Chlorophenol

Concen: 34.053 ng

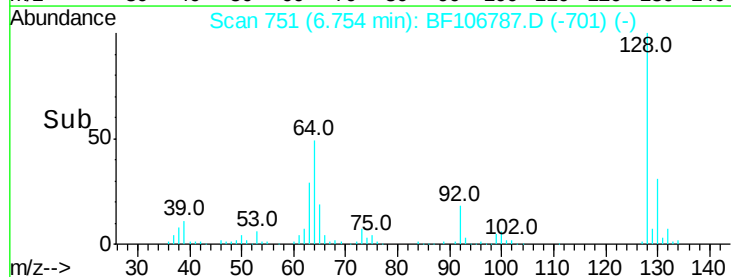
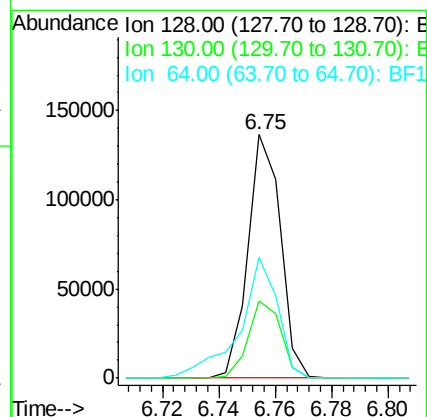
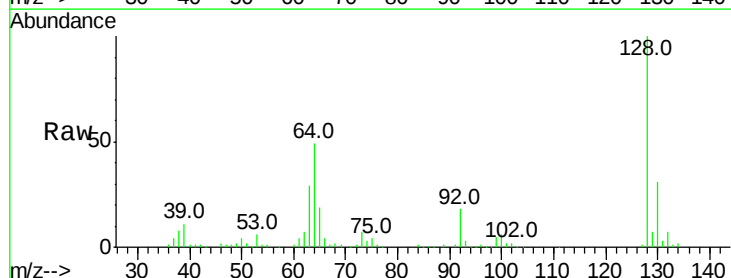
RT: 6.75 min Scan# 751

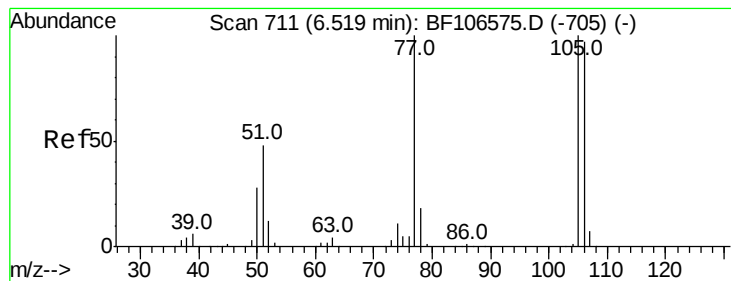
Delta R.T. -0.01 min

Lab File: BF106787.D

Acq: 25 Jun 2018 22:21

Tgt Ion:	128	Resp:	109363
Ion Ratio	Lower	Upper	
128	100		
130	31.5	13.0	53.0
64	49.4	29.4	69.4





#9

Benzaldehyde

Concen: 29.365 ng

RT: 6.51 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF106787.D

Acq: 25 Jun 2018 22:21

Instrument :

BNA_F

ClientSampleId :

HR-06-062218-CMS

Tot Ion: 77 Resp: 78536

Ion Ratio Lower Upper

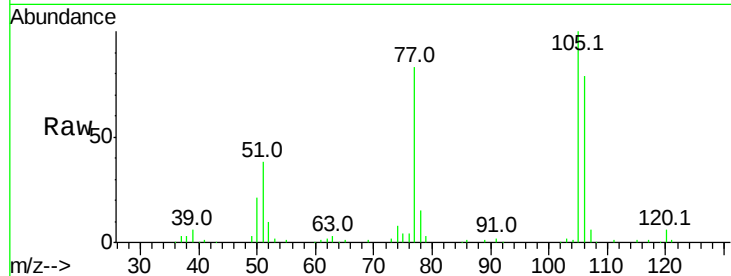
77 100

105 120.5 81.1 121.1

106 95.7 74.5 114.5

Manual Integrations
APPROVED

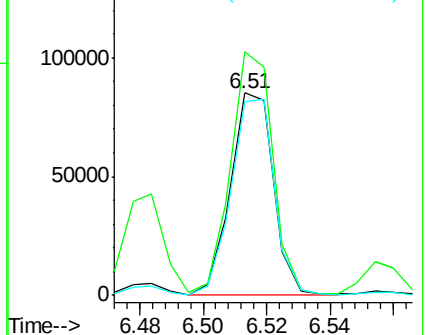
Sohil



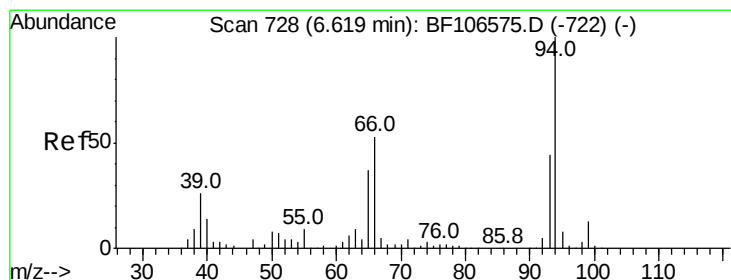
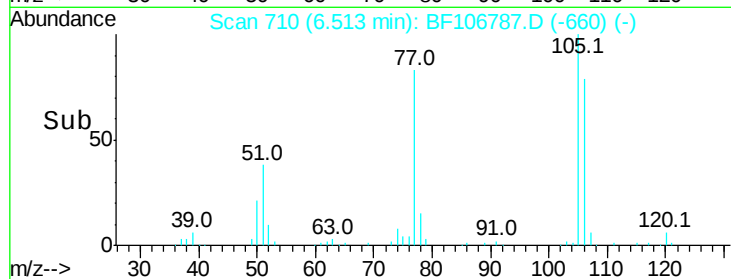
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



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#10

Phenol

Concen: 33.785 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF106787.D

Acq: 25 Jun 2018 22:21

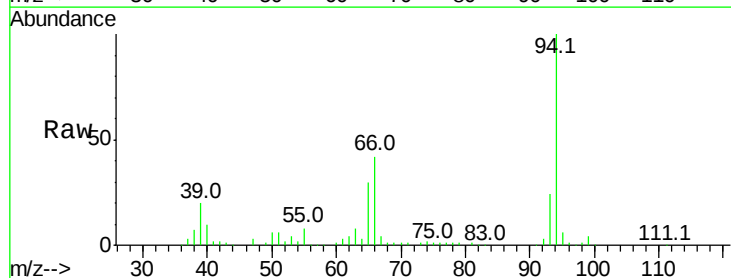
Tgt Ion: 94 Resp: 140984

Ion Ratio Lower Upper

94 100

65 29.8 7.9 47.9

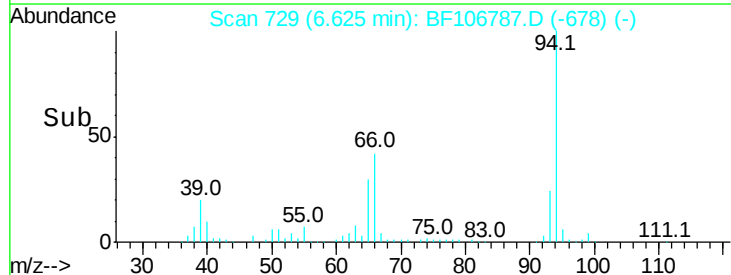
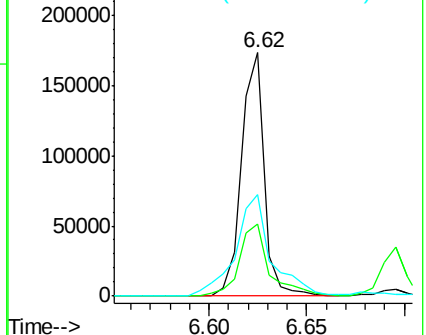
66 41.6 16.2 56.2

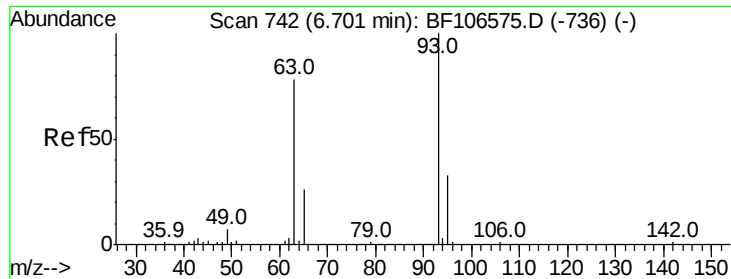


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





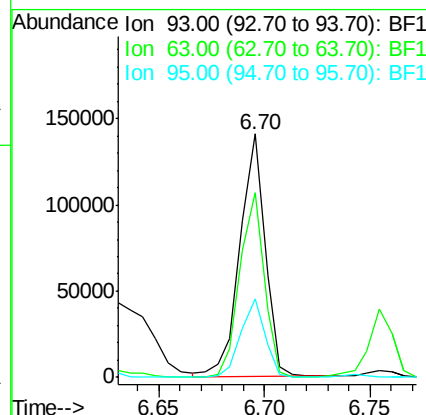
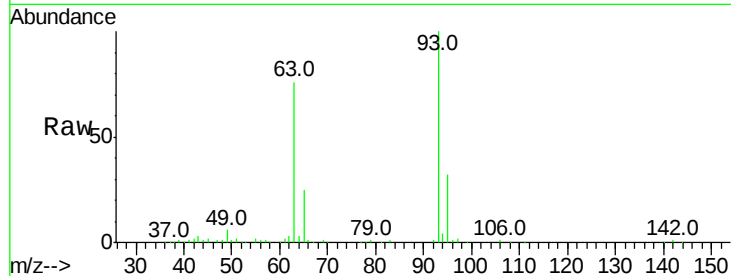
#11
bis(2-Chloroethyl)ether
Concen: 33.479 ng
RT: 6.70 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF106787.D
Acq: 25 Jun 2018 22:21

Instrument :
BNA_F
ClientSampleId :
HR-06-062218-CMS

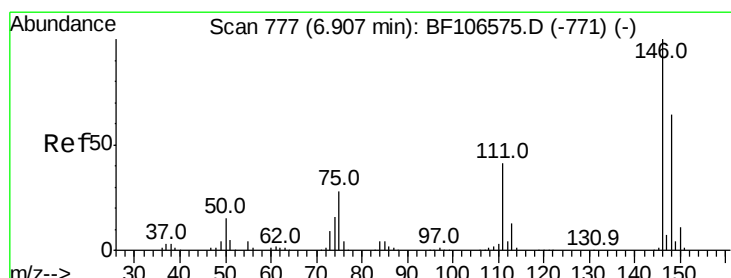
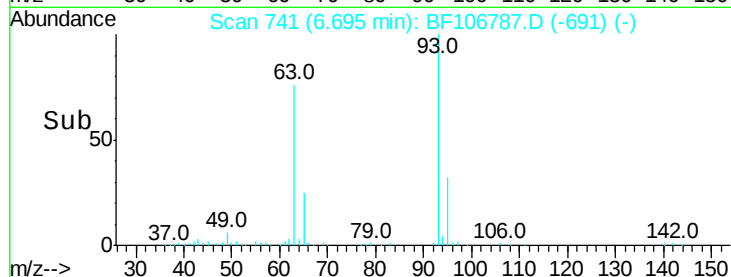
Tot Ion:	93	Resp:	115335
Ion Ratio	Lower	Upper	
93	100		
63	75.9	58.6	98.6
95	32.2	11.8	51.8

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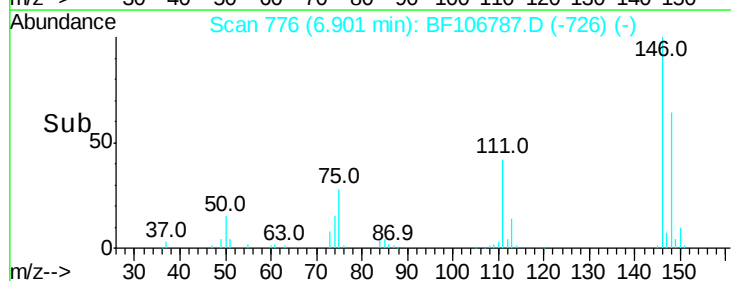
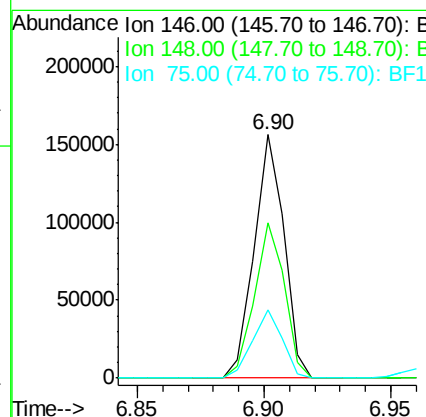
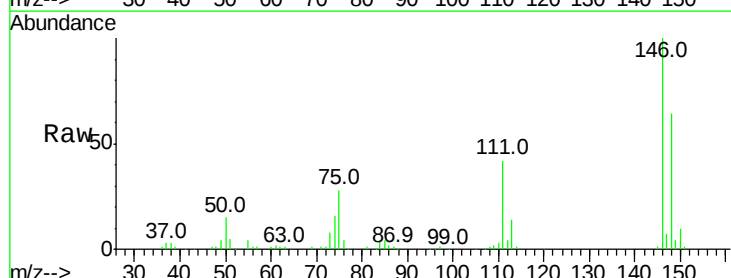


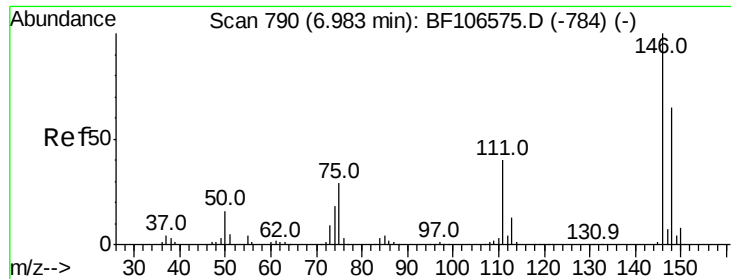
6/27/2018 10:55:44 AM



#12
1,3-Dichlorobenzene
Concen: 34.296 ng
RT: 6.90 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF106787.D
Acq: 25 Jun 2018 22:21

Tgt Ion:	146	Resp:	129000
Ion Ratio	Lower	Upper	
146	100		
148	63.9	51.8	77.8
75	28.0	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 34.057 ng

RT: 6.98 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF106787.D

Acq: 25 Jun 2018 22:21

Instrument :

BNA_F

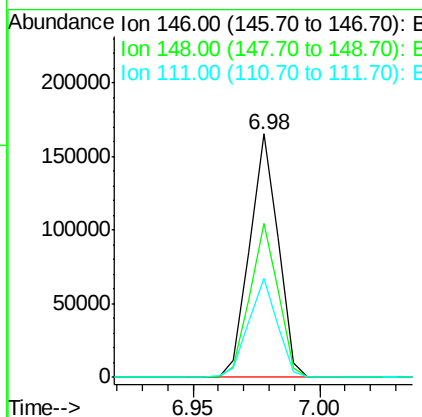
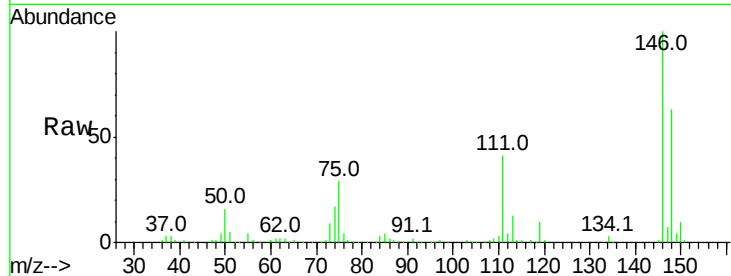
ClientSampleId :

HR-06-062218-CMS

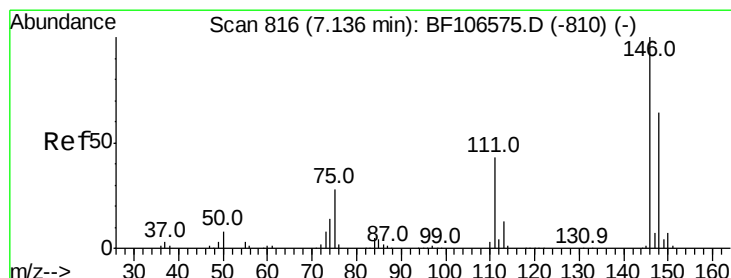
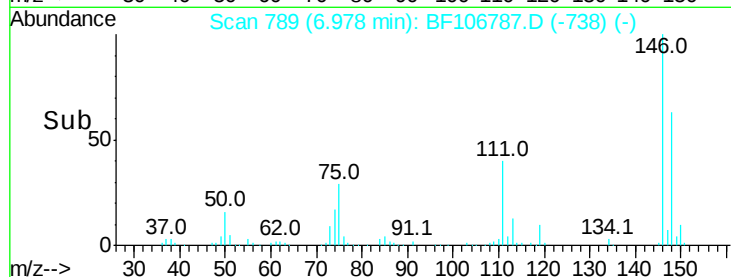
Tot Ion:	146	Resp:	129512
Ion Ratio	Lower	Upper	
146	100		
148	63.2	50.8	76.2
111	40.6	34.2	51.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 33.594 ng

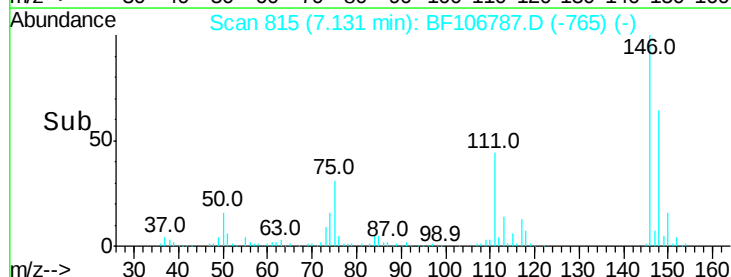
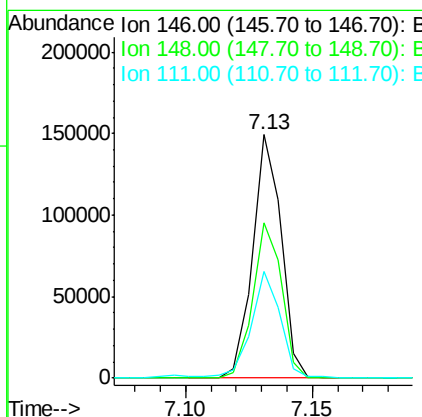
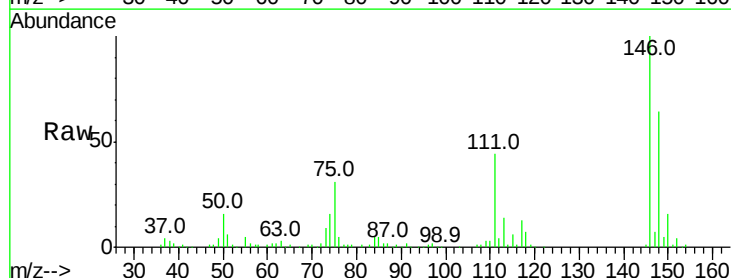
RT: 7.13 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF106787.D

Acq: 25 Jun 2018 22:21

Tgt Ion:	146	Resp:	117078
Ion Ratio	Lower	Upper	
146	100		
148	63.9	50.6	75.8
111	43.8	36.0	54.0





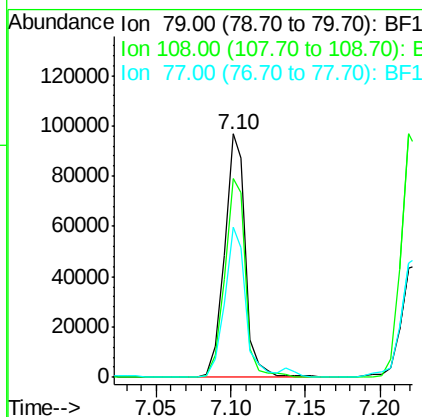
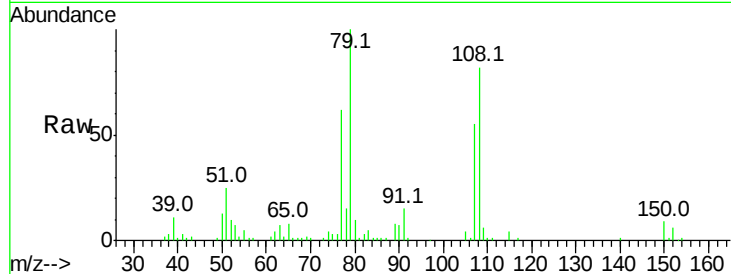
#15
Benzyl Alcohol
Concen: 32.762 ng
RT: 7.10 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF106787.D
Acq: 25 Jun 2018 22:21

Instrument :
BNA_F
ClientSampleId :
HR-06-062218-CMS

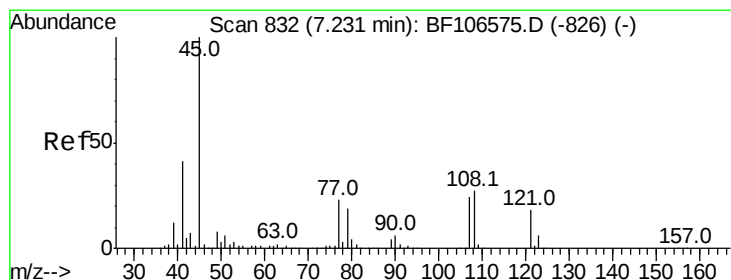
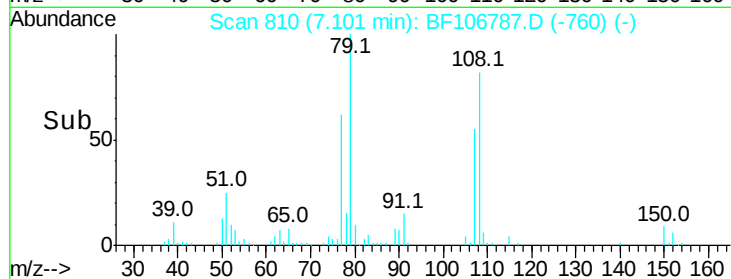
Tot Ion	Ion	Ratio	Lower	Upper
79	100			
108	81.9	65.1	97.7	
77	61.8	50.6	75.8	

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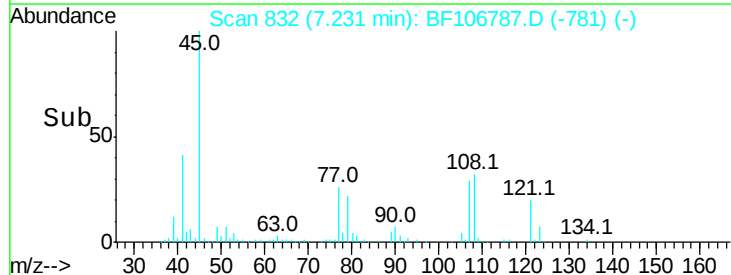
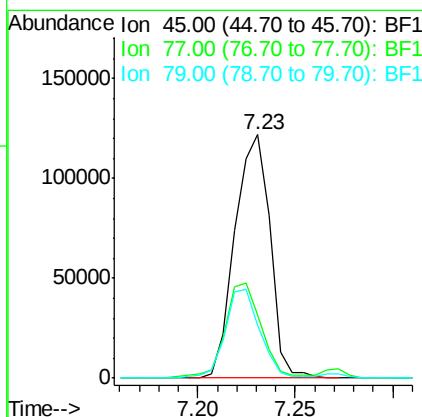
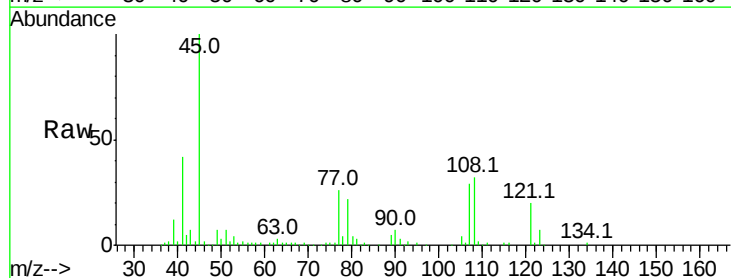


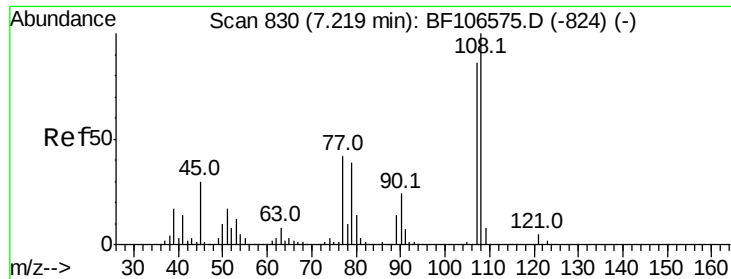
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#16
2,2'-oxybis(1-chloropropane)
Concen: 33.681 ng
RT: 7.23 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF106787.D
Acq: 25 Jun 2018 22:21

Tgt Ion	Ion	Ratio	Lower	Upper
45	100			
77	25.7	0.0	32.9	
79	21.9	0.0	29.6	





#17

2-Methylphenol

Concen: 32.720 ng

RT: 7.22 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF106787.D

Acq: 25 Jun 2018 22:21

Instrument :

BNA_F

ClientSampleId :

HR-06-062218-CMS

Tot Ion:107 Resp: 89925

Ion Ratio Lower Upper

107 100

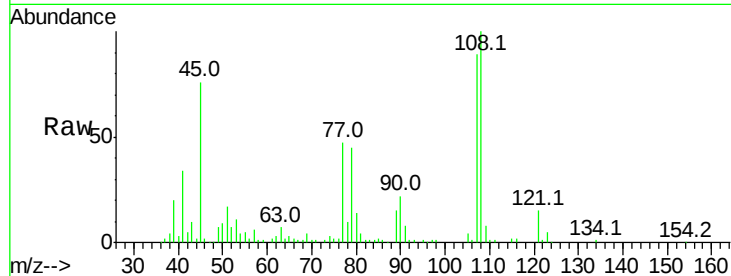
108 113.0 91.7 137.5

77 53.1 33.8 50.8#

79 50.6 33.8 50.8

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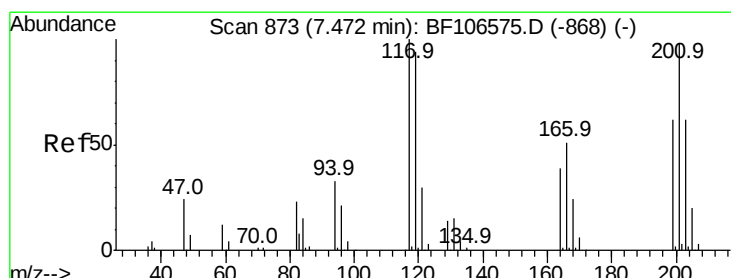
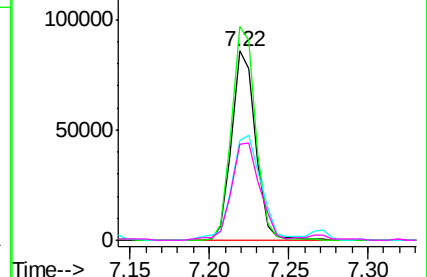
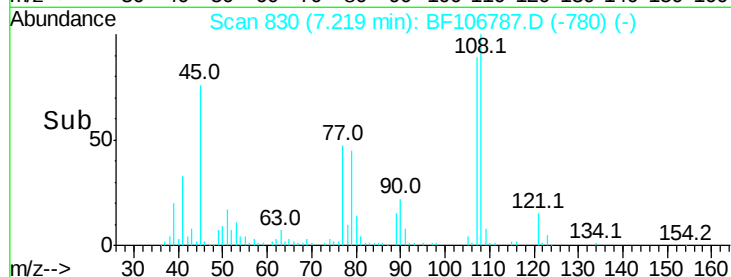
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

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#18

Hexachloroethane

Concen: 33.751 ng

RT: 7.47 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF106787.D

Acq: 25 Jun 2018 22:21

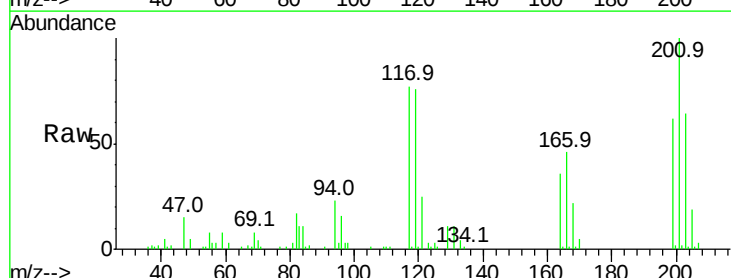
Tgt Ion:117 Resp: 45135

Ion Ratio Lower Upper

117 100

119 99.2 75.8 113.8

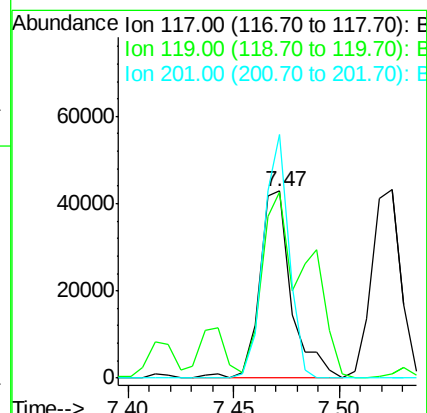
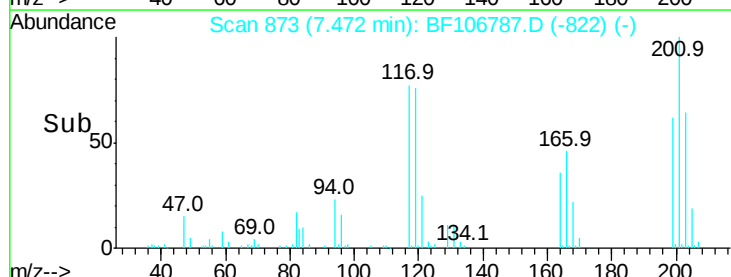
201 130.2 75.7 113.5#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 30.140 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.02 min
Lab File: BF106787.D
Acq: 25 Jun 2018 22:21

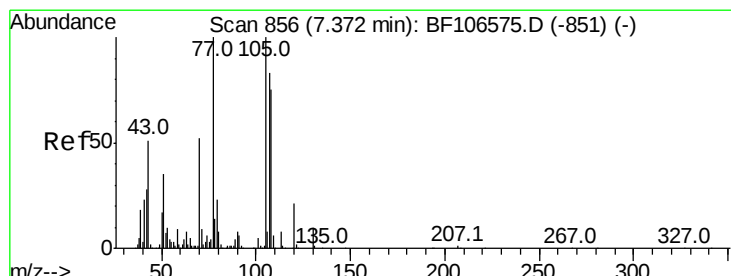
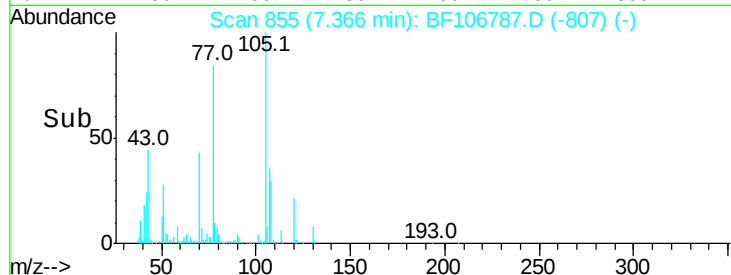
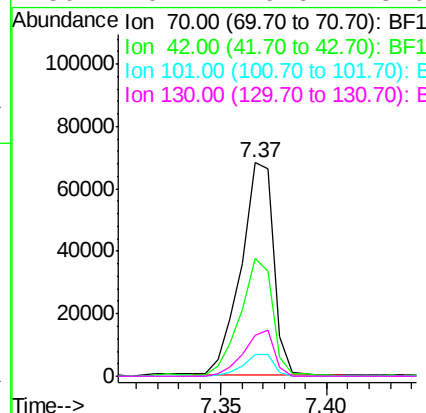
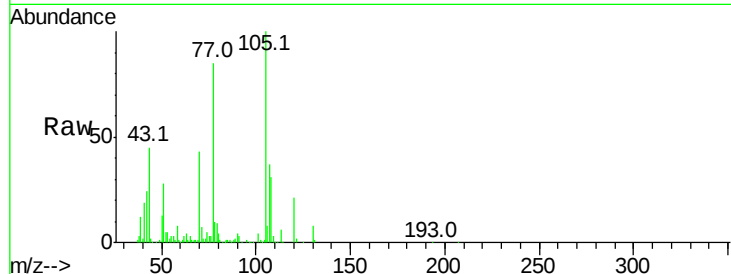
Instrument :
BNA_F
ClientSampleId :
HR-06-062218-CMS

Tot Ion	70	Resp	72647
Ion	Ratio	Lower	Upper
70	100		
42	55.2	47.5	71.3
101	10.0	7.4	11.2
130	19.2	16.6	25.0

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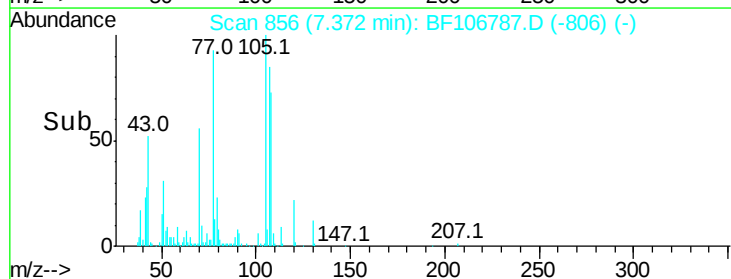
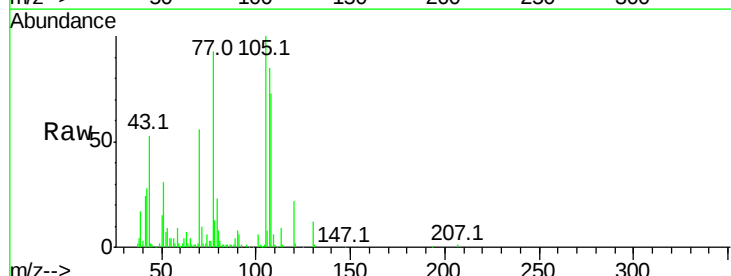
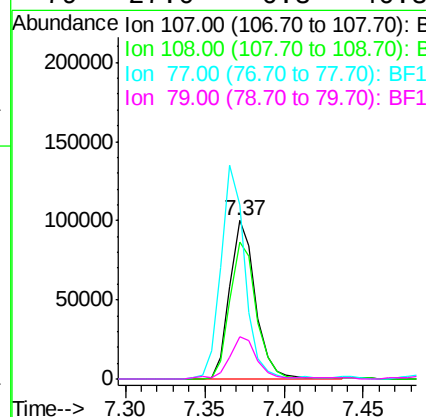
Sohil

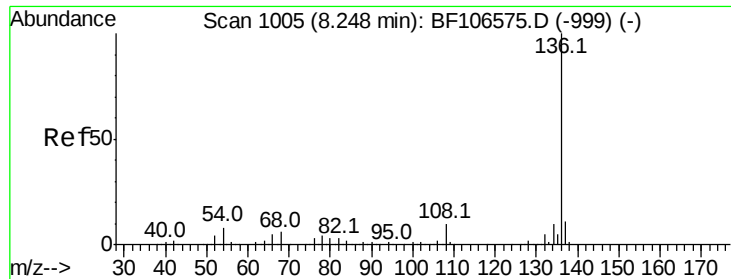
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#20
3+4-Methylphenols
Concen: 36.145 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF106787.D
Acq: 25 Jun 2018 22:21

Tgt Ion	107	Resp	113281
Ion	Ratio	Lower	Upper
107	100		
108	86.4	68.2	108.2
77	109.7	26.7	66.7#
79	27.0	6.3	46.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106787.D
Acq: 25 Jun 2018 22:21

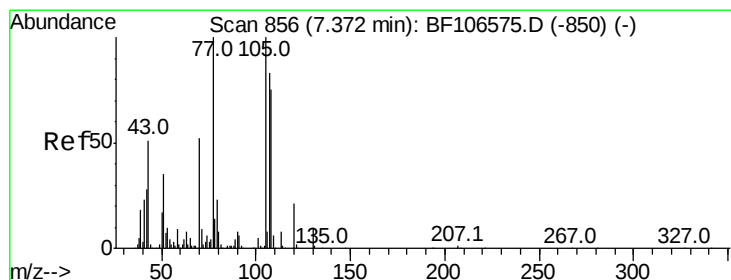
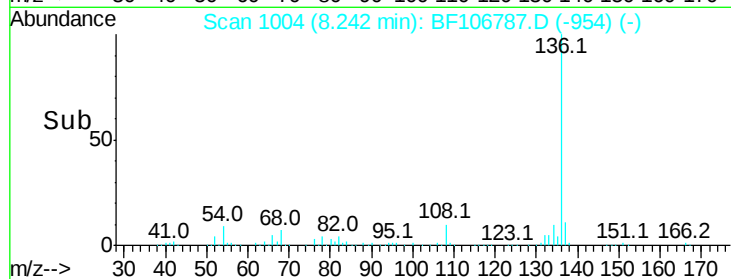
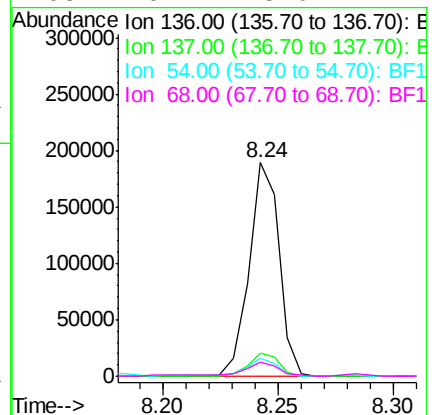
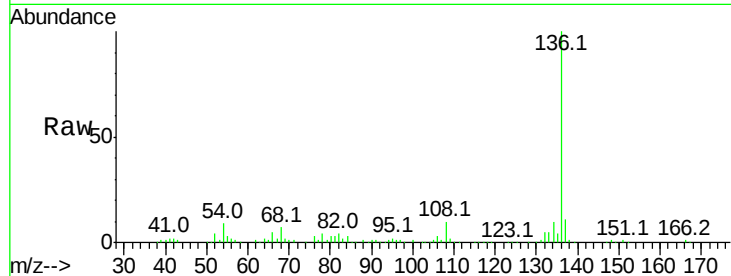
Instrument :
BNA_F
ClientSampleId :
HR-06-062218-CMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.9	13.3	
54	8.7	6.6	9.8	
68	6.7	5.0	7.4	

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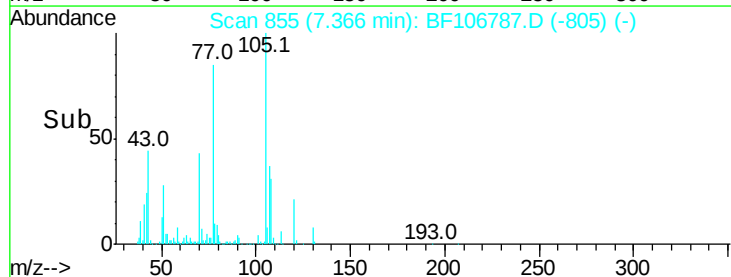
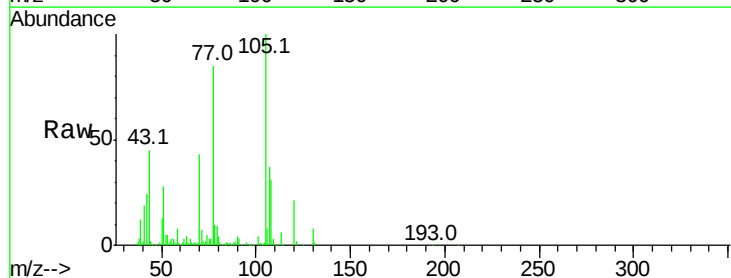
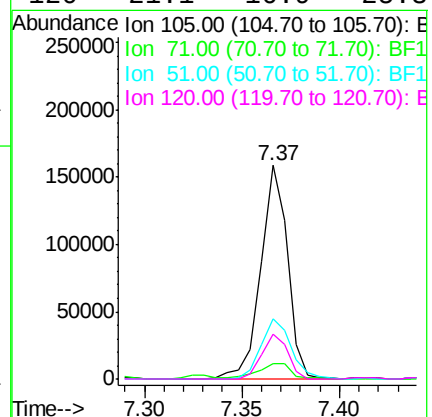
Sohil

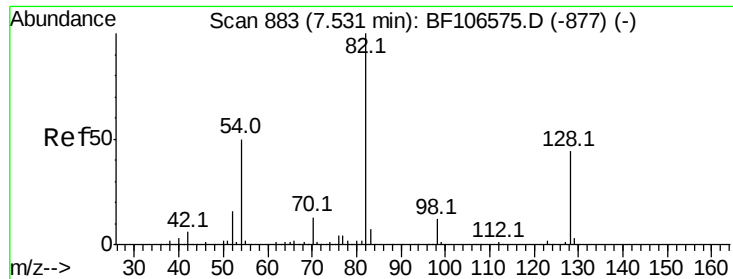
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#22
Acetophenone
Concen: 39.455 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF106787.D
Acq: 25 Jun 2018 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.4	4.4	6.6#	
51	28.2	22.3	33.5	
120	21.1	16.9	25.3	





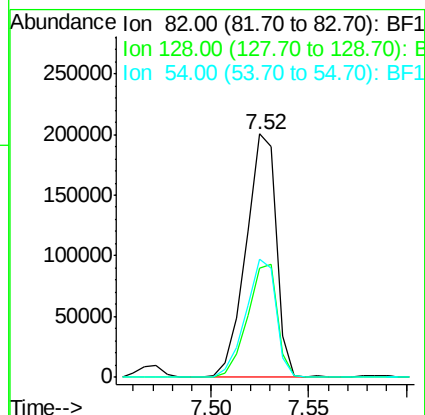
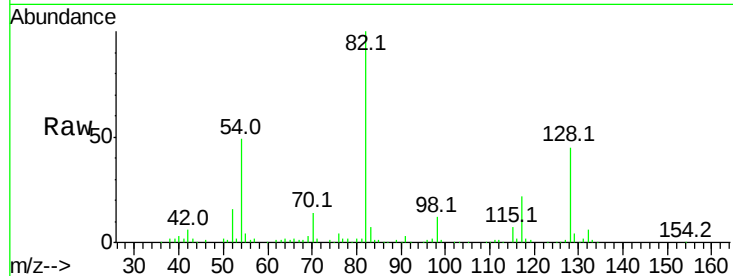
#23
 Nitrobenzene-d5
 Concen: 69.650 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF106787.D
 Acq: 25 Jun 2018 22:21

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-062218-CMS

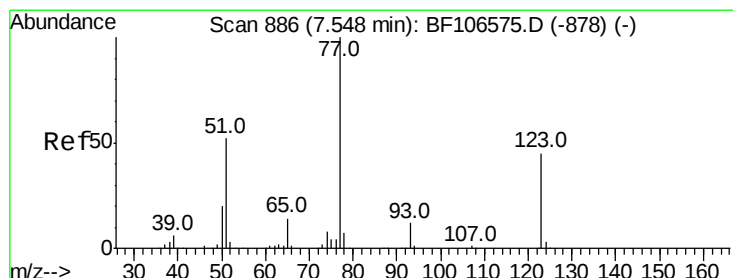
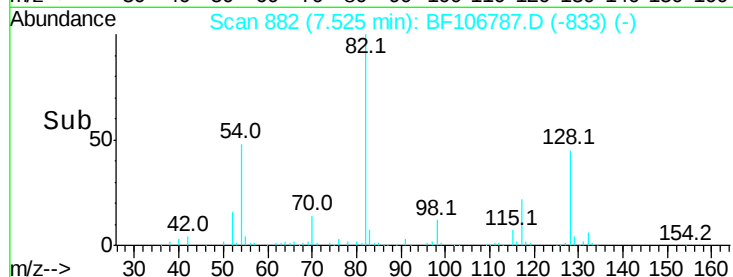
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.9	36.1	54.1	
54	48.6	41.4	62.2	

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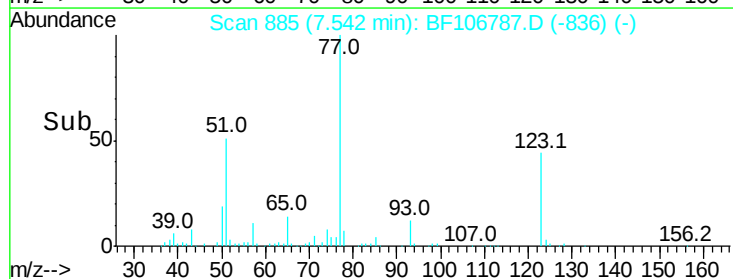
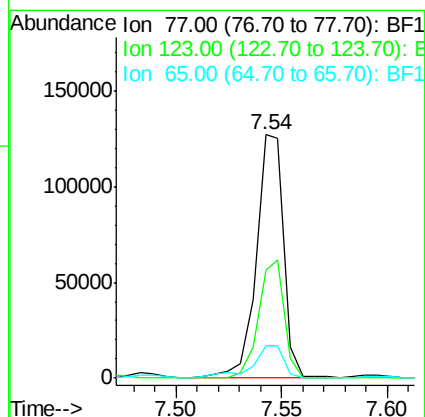
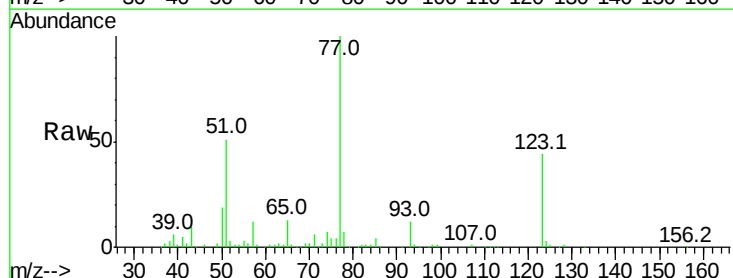


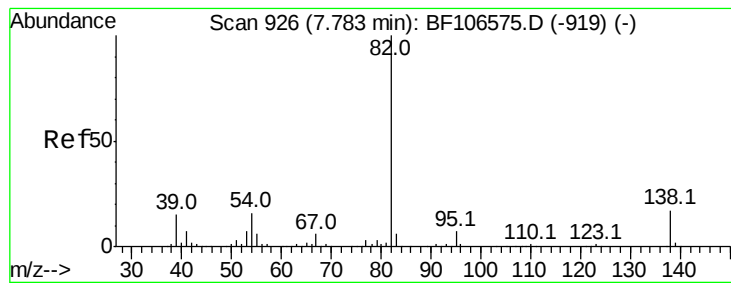
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#24
 Nitrobenzene
 Concen: 36.080 ng
 RT: 7.54 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF106787.D
 Acq: 25 Jun 2018 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	44.2	37.9	56.9	
65	13.4	11.0	16.4	





#25

Isophorone

Concen: 37.351 ng

RT: 7.78 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF106787.D

Acq: 25 Jun 2018 22:21

Instrument :

BNA_F

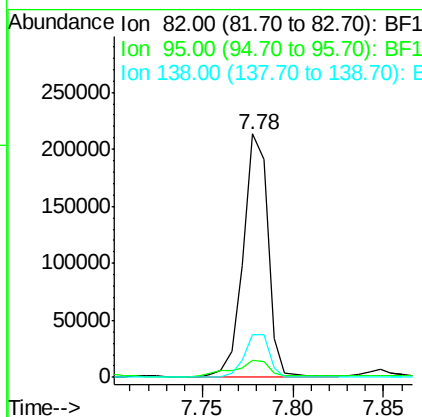
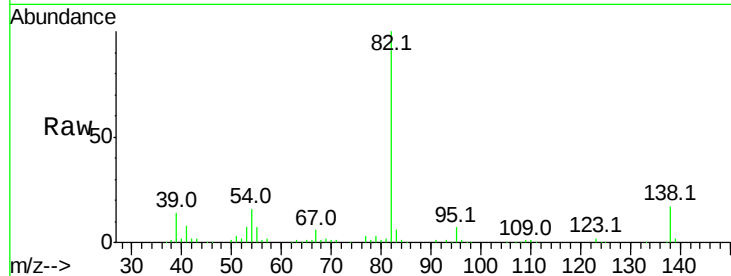
ClientSampleId :

HR-06-062218-CMS

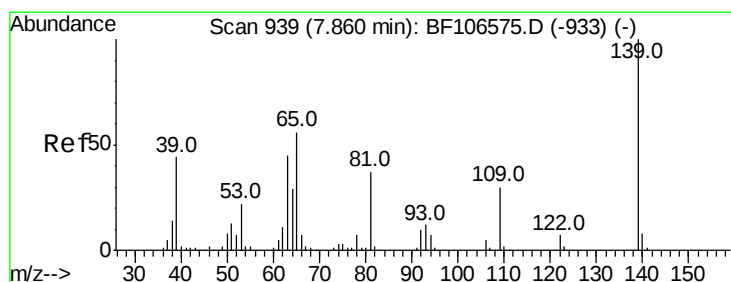
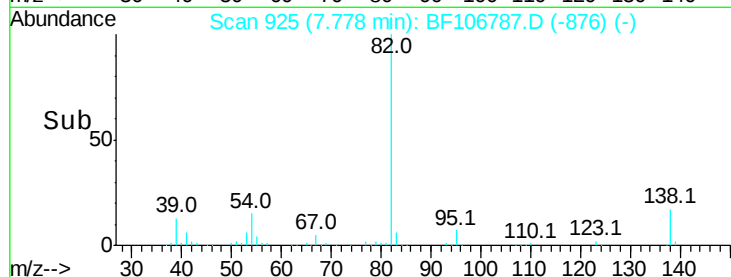
Tot Ion:	82	Resp:	203221
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.2	7.8
138	17.4	14.9	22.3

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#26

2-Nitrophenol

Concen: 38.484 ng

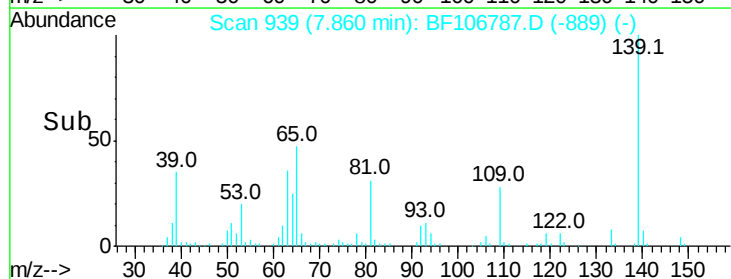
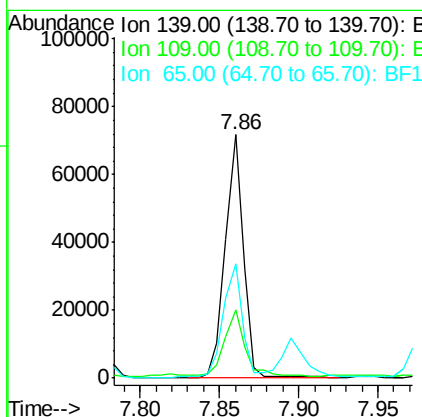
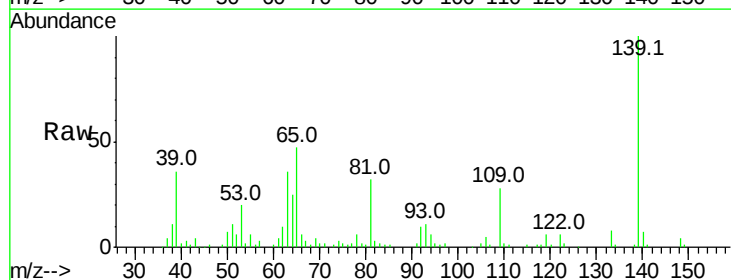
RT: 7.86 min Scan# 939

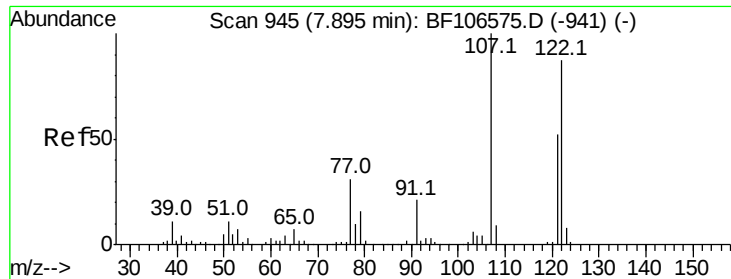
Delta R.T. -0.01 min

Lab File: BF106787.D

Acq: 25 Jun 2018 22:21

Tgt Ion:	139	Resp:	57268
Ion Ratio	Lower	Upper	
139	100		
109	28.3	22.7	34.1
65	47.2	40.5	60.7





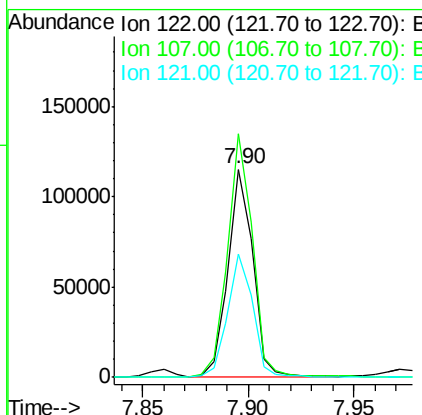
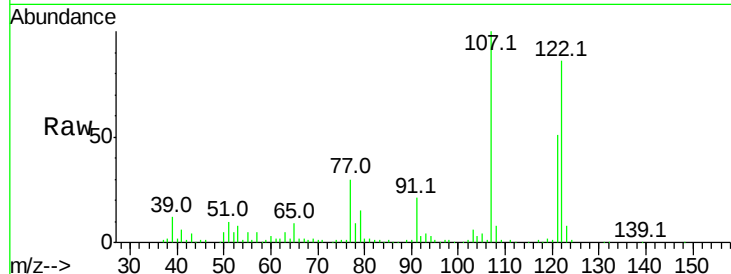
#27
 2,4-Dimethylphenol
 Concen: 41.063 ng
 RT: 7.90 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF106787.D
 Acq: 25 Jun 2018 22:21

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-062218-CMS

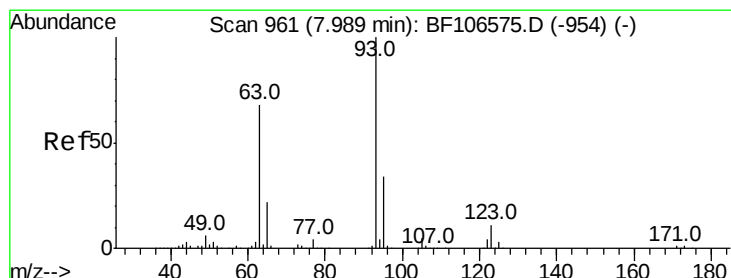
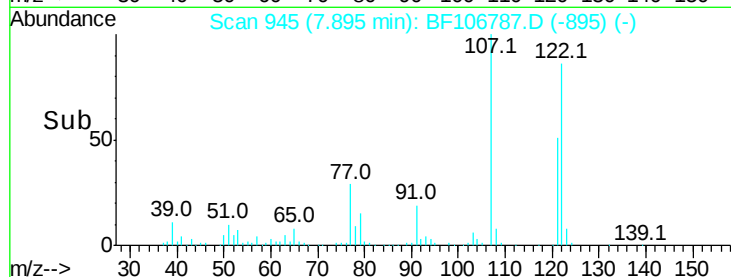
Tot Ion:	122	Resp:	94450
Ion	Ratio	Lower	Upper
122	100		
107	116.9	91.2	136.8
121	59.2	47.2	70.8

Manual Integrations
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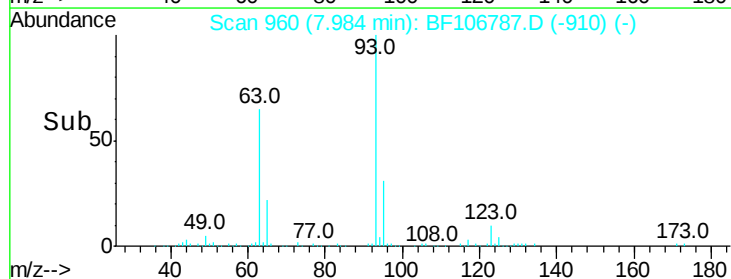
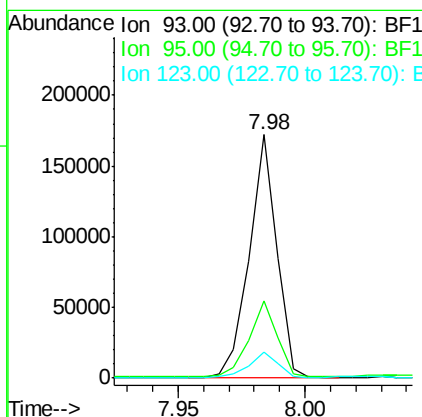
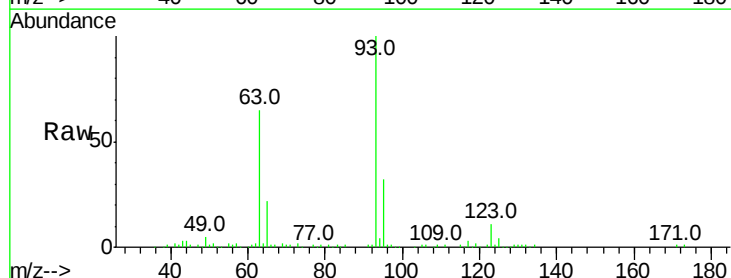


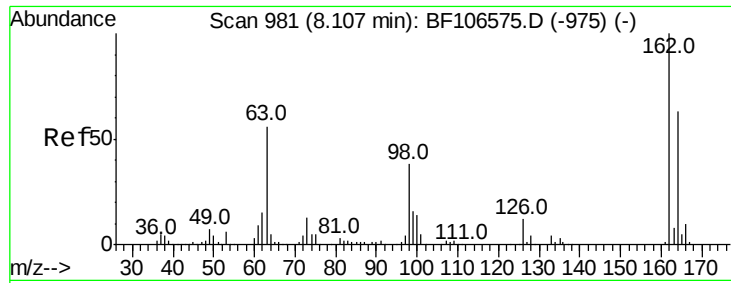
6/27/2018 10:55:44 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.902 ng
 RT: 7.98 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF106787.D
 Acq: 25 Jun 2018 22:21

Tgt Ion:	93	Resp:	131152
Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.3	39.5
123	10.5	9.8	14.6





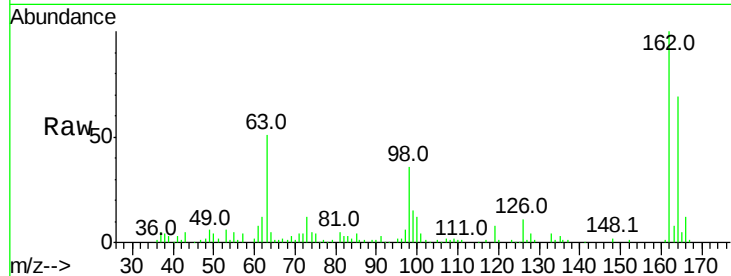
#29
2,4-Dichlorophenol
Concen: 37.522 ng
RT: 8.11 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF106787.D
Acq: 25 Jun 2018 22:21

Instrument :
BNA_F
ClientSampleId :
HR-06-062218-CMS

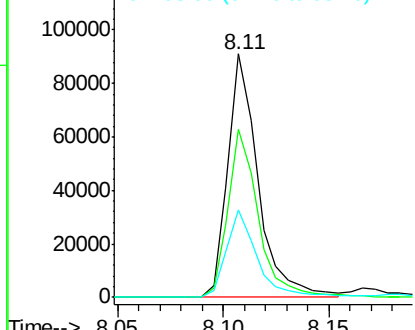
Tot Ion	Ratio	Lower	Upper
162	100		
164	68.9	42.7	82.7
98	36.0	18.1	58.1

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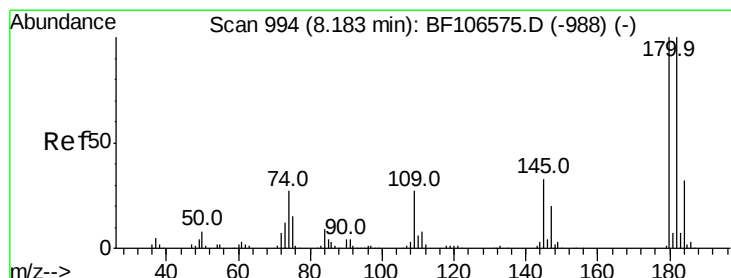
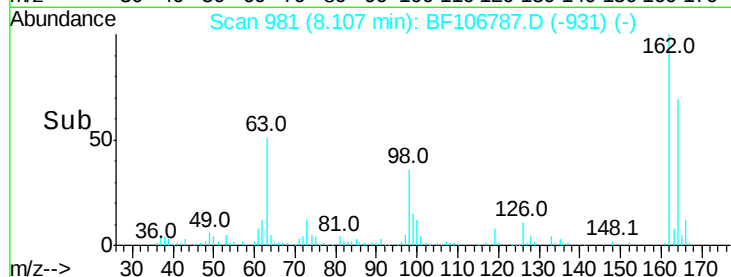
Sohil



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

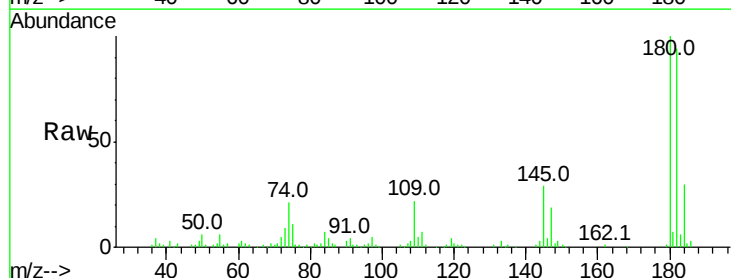


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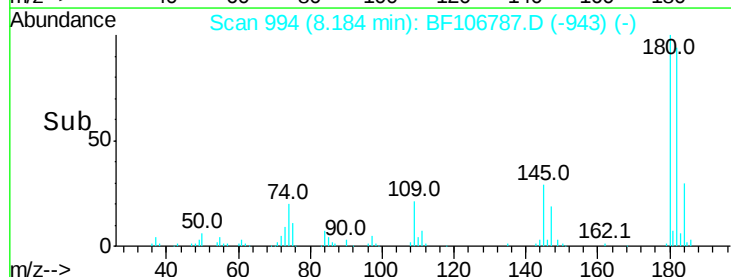
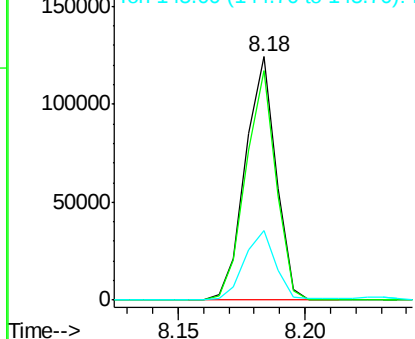


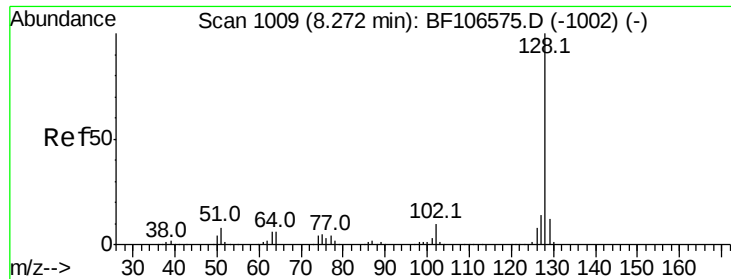
#30
1,2,4-Trichlorobenzene
Concen: 39.427 ng
RT: 8.18 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF106787.D
Acq: 25 Jun 2018 22:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.8	115.2
145	28.5	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





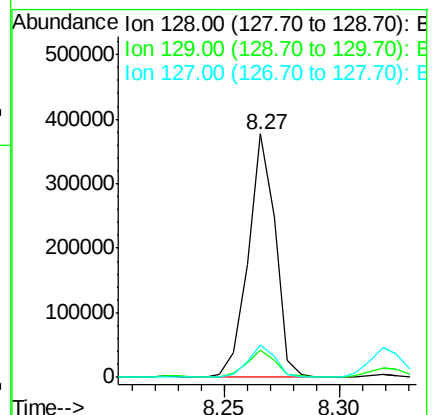
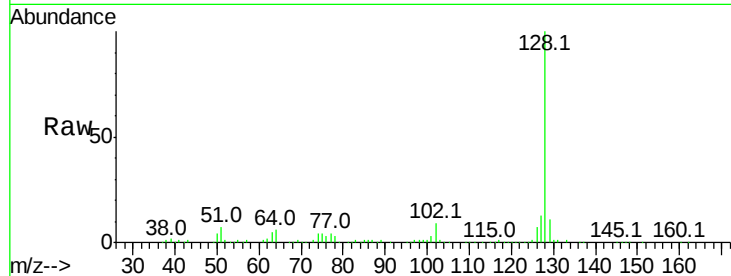
#31
Naphthalene
Concen: 38.510 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF106787.D
Acq: 25 Jun 2018 22:21

Instrument :
BNA_F
ClientSampleId :
HR-06-062218-CMS

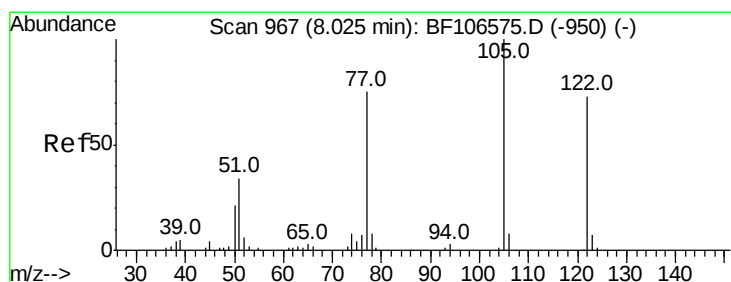
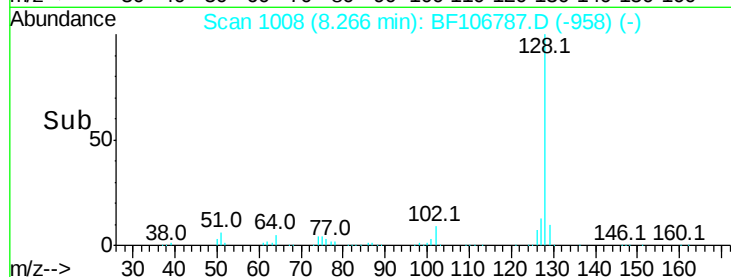
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.1	10.9	16.3

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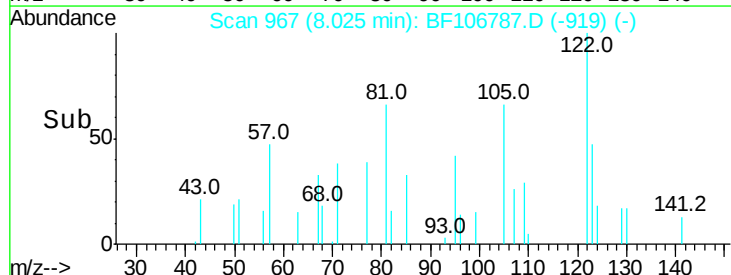
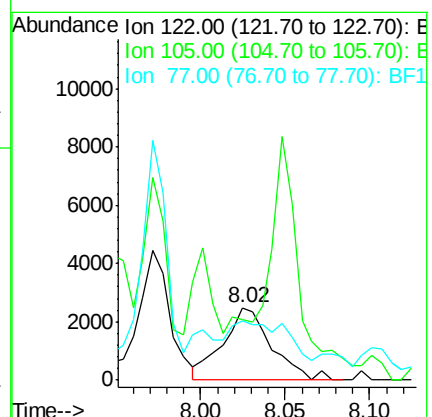
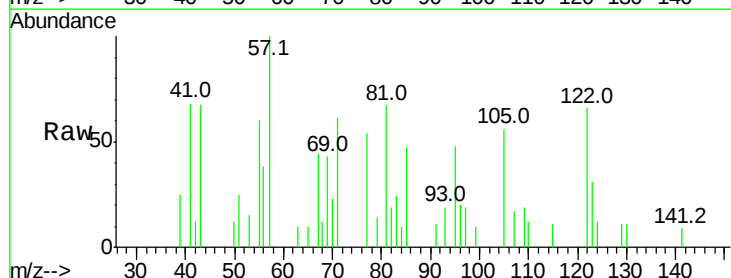


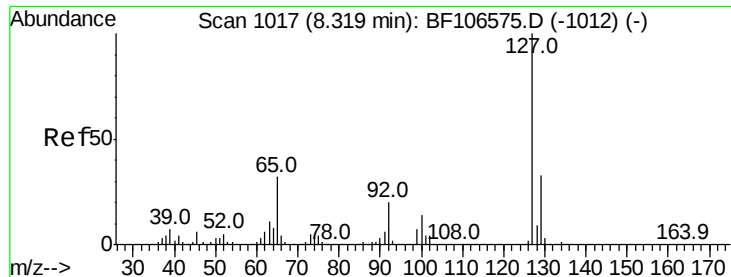
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#32
Benzoic acid
Concen: 8.323 ng
RT: 8.02 min Scan# 967
Delta R.T. -0.02 min
Lab File: BF106787.D
Acq: 25 Jun 2018 22:21

Tgt Ion	Ratio	Lower	Upper
122	100		
105	84.4	101.1	141.1#
77	82.5	70.7	110.7





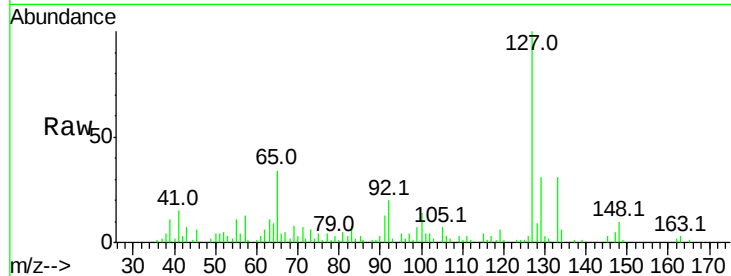
#33
 4-Chloroaniline
 Concen: 15.131 ng
 RT: 8.32 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BF106787.D
 Acq: 25 Jun 2018 22:21

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-062218-CMS

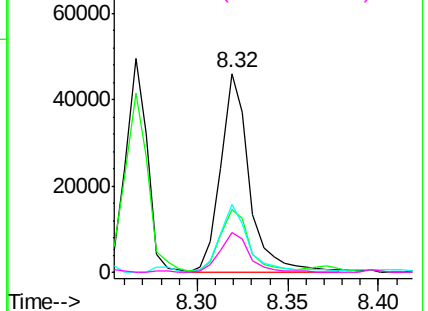
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.3	25.9	38.9		
65	33.9	25.0	37.4		
92	20.2	15.2	22.8		

Manual Integrations
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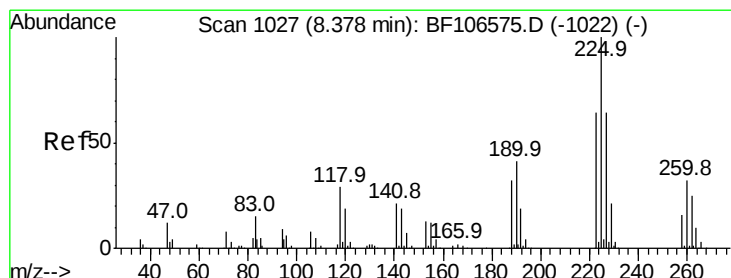
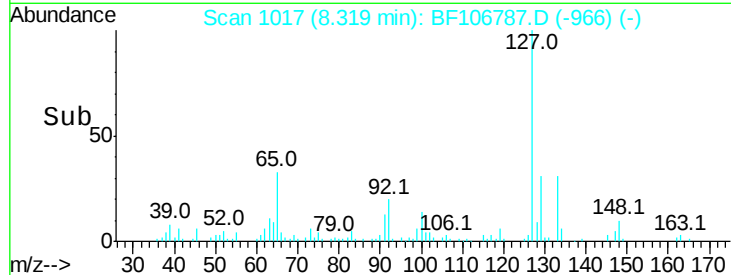
Sohil



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

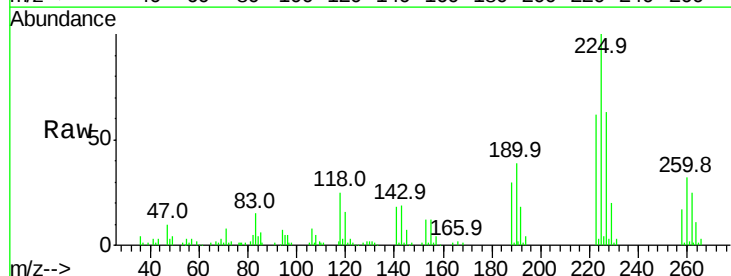


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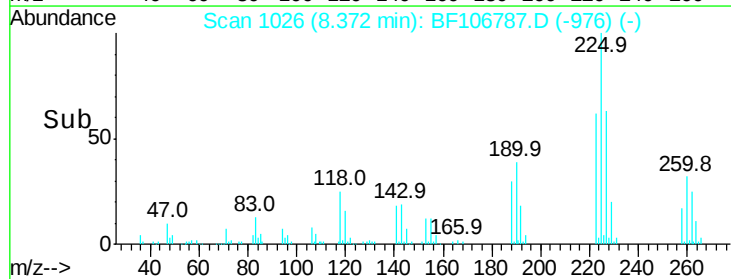
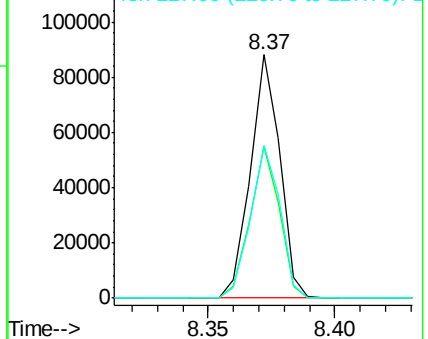


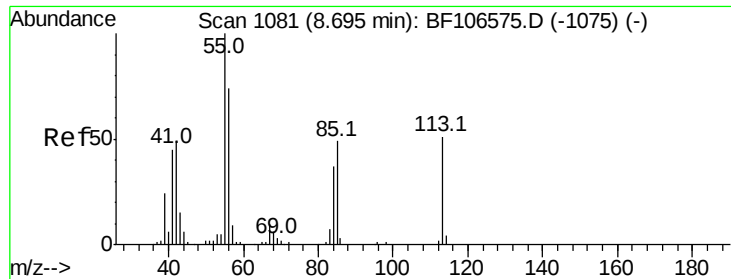
#34
 Hexachlorobutadiene
 Concen: 41.199 ng
 RT: 8.37 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BF106787.D
 Acq: 25 Jun 2018 22:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.4	50.6	76.0		
227	62.6	51.9	77.9		



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: 36.377 ng

RT: 8.68 min Scan# 1078

Delta R.T. -0.04 min

Lab File: BF106787.D

Acq: 25 Jun 2018 22:21

Instrument :

BNA_F

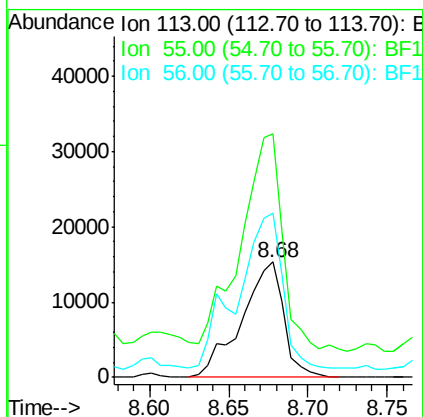
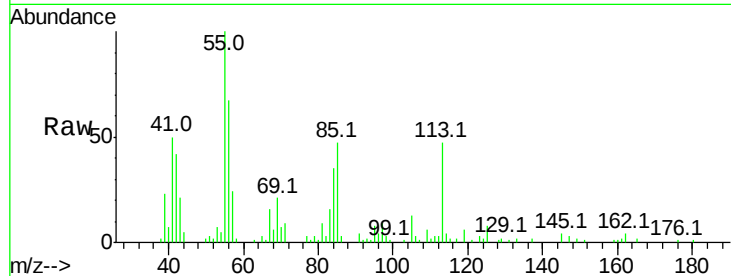
ClientSampleId :

HR-06-062218-CMS

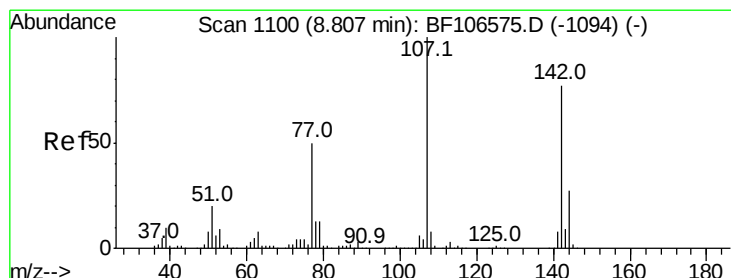
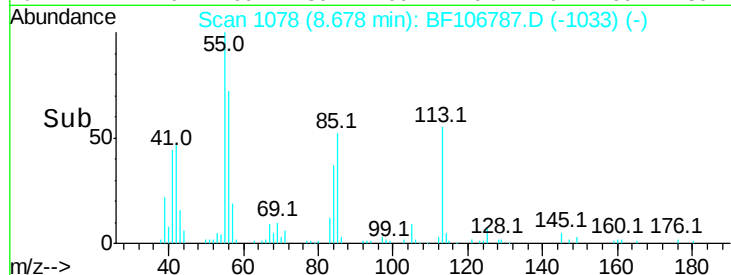
Tot Ion:113 Resp: 28554
 Ion Ratio Lower Upper
 113 100
 55 211.0 163.3 203.3#
 56 142.0 115.7 155.7

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#36

4-Chloro-3-methylphenol

Concen: 34.138 ng

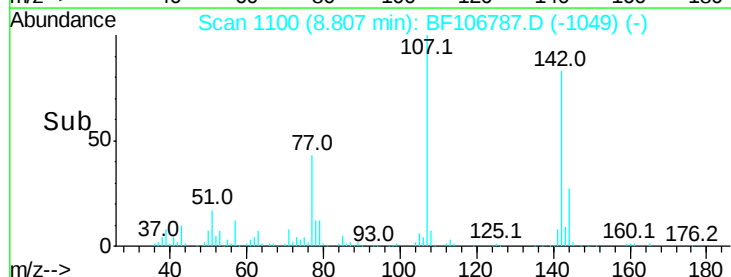
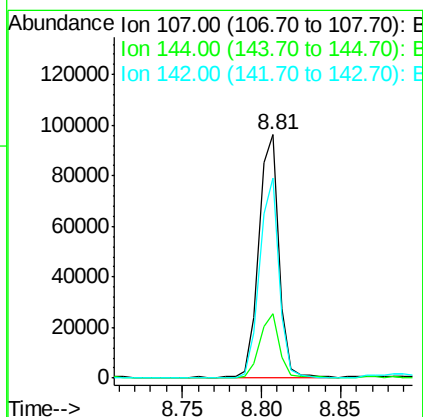
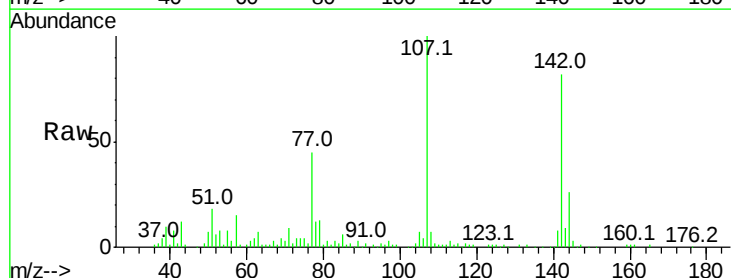
RT: 8.81 min Scan# 1100

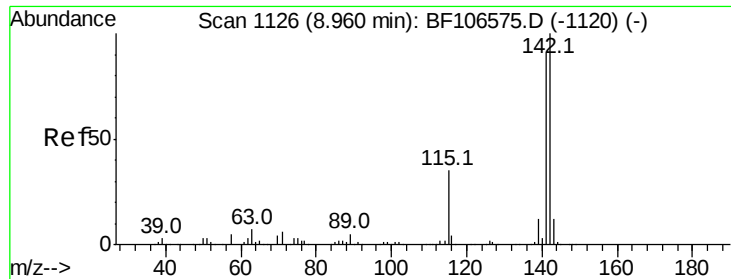
Delta R.T. 0.00 min

Lab File: BF106787.D

Acq: 25 Jun 2018 22:21

Tgt Ion:107 Resp: 86528
 Ion Ratio Lower Upper
 107 100
 144 26.5 20.5 30.7
 142 82.3 62.0 93.0





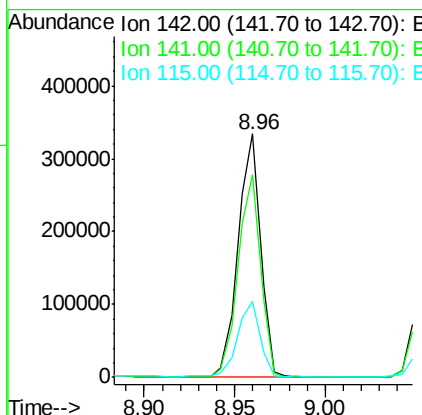
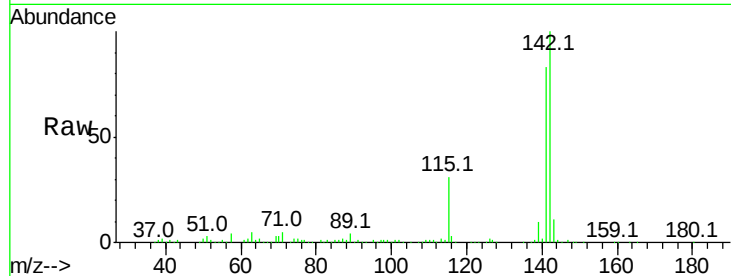
#37
2-Methylnaphthalene
Concen: 54.417 ng
RT: 8.96 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF106787.D
Acq: 25 Jun 2018 22:21

Instrument :
BNA_F
ClientSampleId :
HR-06-062218-CMS

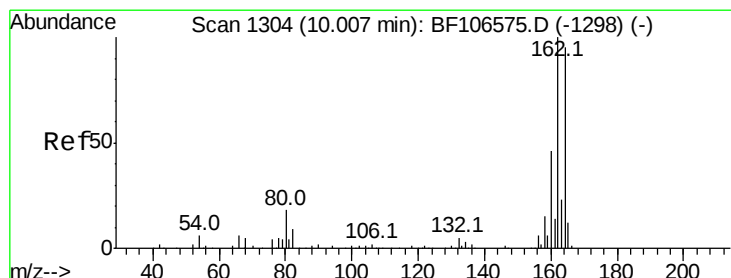
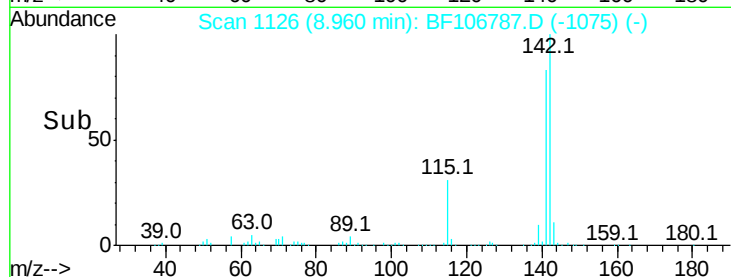
Tot Ion	Ratio	Resp	Lower	Upper
142	100	289358		
141	83.1		70.8	106.2
115	31.4		26.1	39.1

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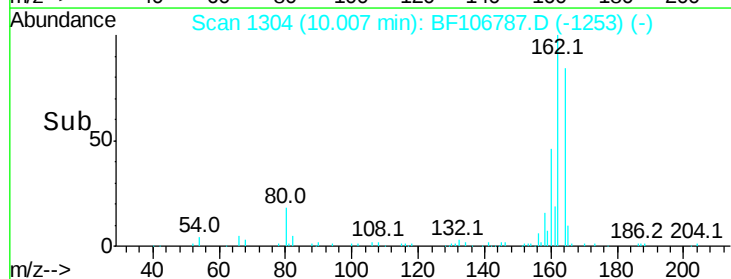
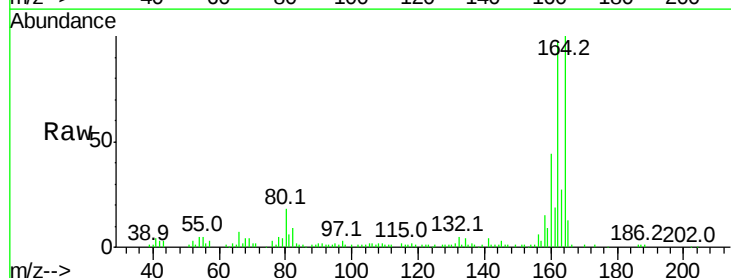
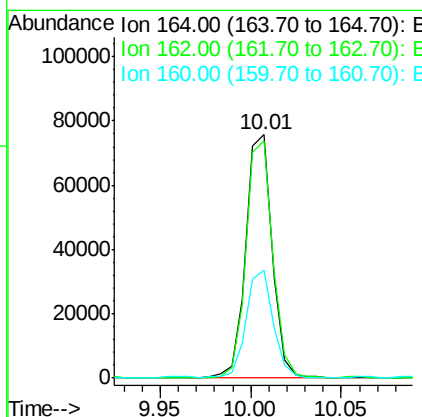


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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF106787.D
Acq: 25 Jun 2018 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	76532		
162	97.3		86.1	129.1
160	44.2		38.3	57.5





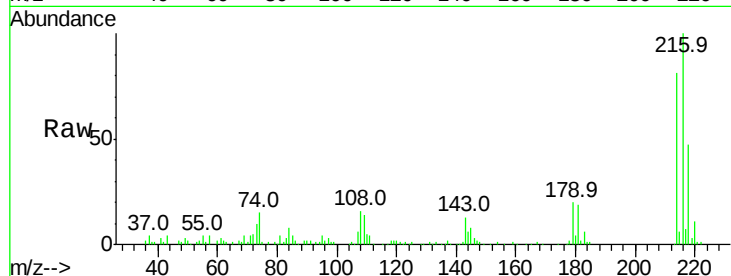
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.286 ng
 RT: 9.12 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF106787.D
 Acq: 25 Jun 2018 22:21

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-062218-CMS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.2	63.0	94.4
179	20.1	18.1	27.1
108	15.0	17.2	25.8

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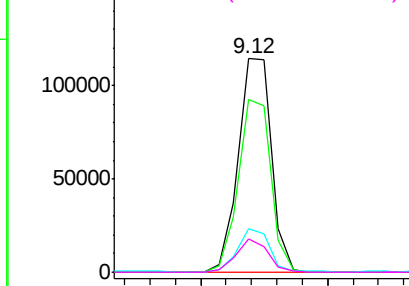
Abundance

Ion 216.00 (215.70 to 216.70): E

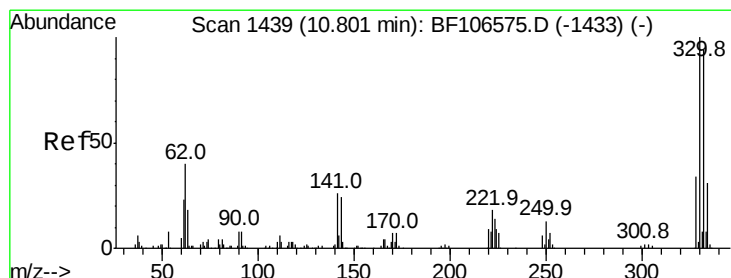
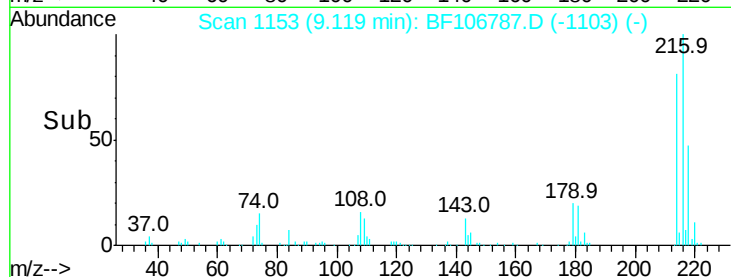
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

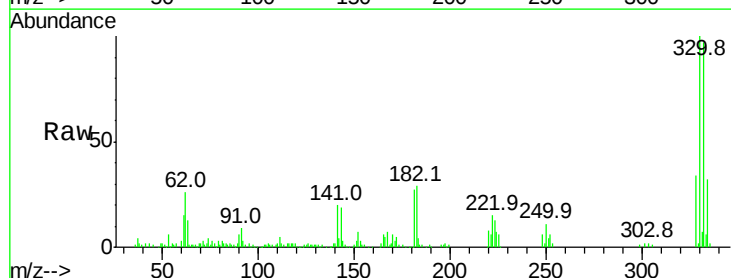


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#41
 2,4,6-Tribromophenol
 Concen: 100.637 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106787.D
 Acq: 25 Jun 2018 22:21

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.5	77.0	115.6
141	24.5	29.9	44.9

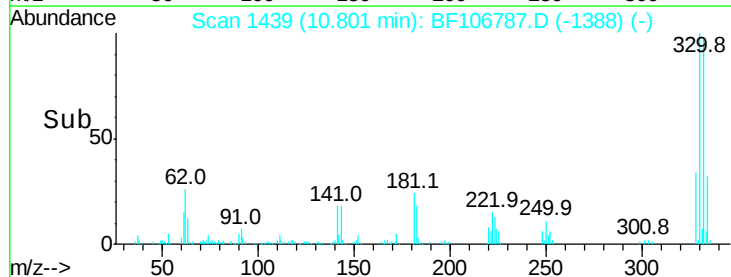
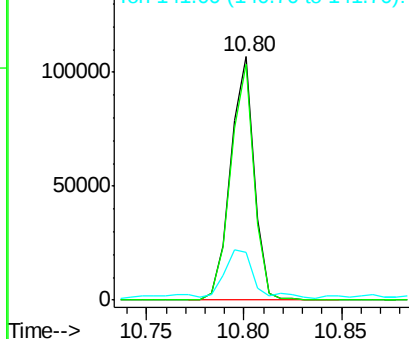


Abundance

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





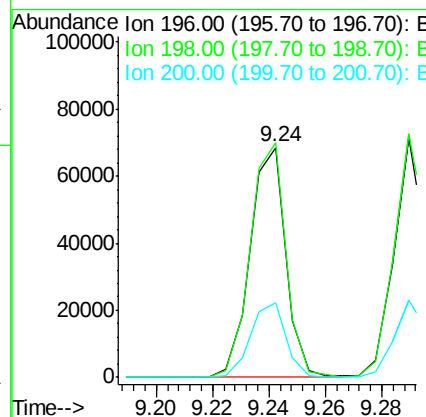
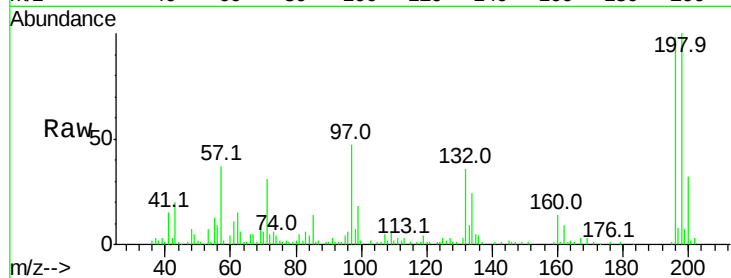
#42
 2,4,6-Trichlorophenol
 Concen: 35.126 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF106787.D
 Acq: 25 Jun 2018 22:21

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-062218-CMS

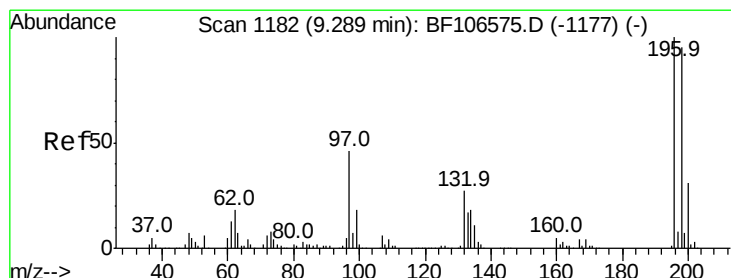
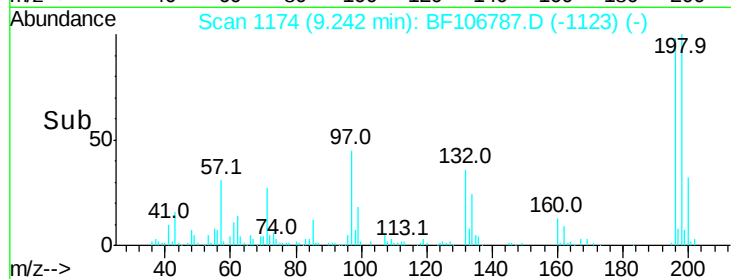
Tot Ion	196	Resp	60178
Ion	Ratio	Lower	Upper
196	100		
198	102.2	75.7	113.5
200	32.5	24.5	36.7

Manual Integrations
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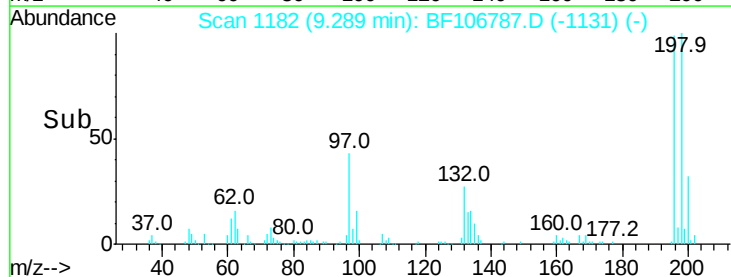
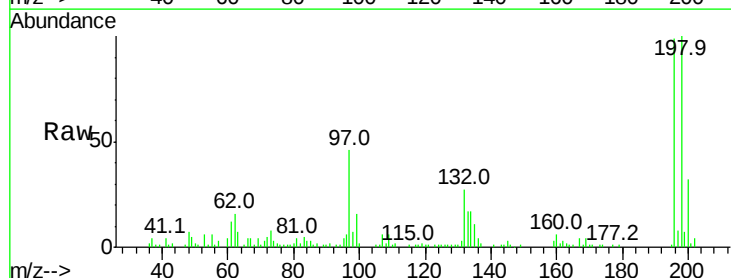
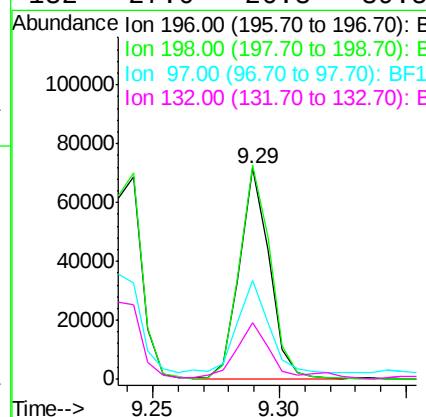


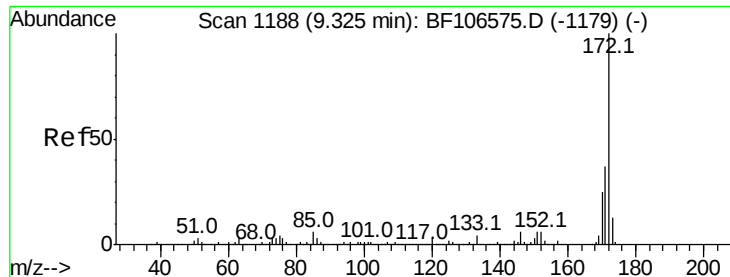
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#43
 2,4,5-Trichlorophenol
 Concen: 33.039 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF106787.D
 Acq: 25 Jun 2018 22:21

Tgt Ion	196	Resp	59063
Ion	Ratio	Lower	Upper
196	100		
198	101.4	74.6	112.0
97	46.9	42.9	64.3
132	27.0	26.3	39.5





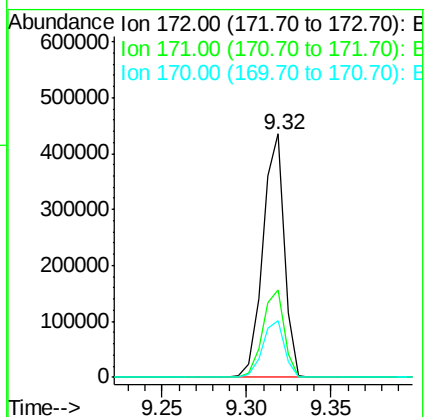
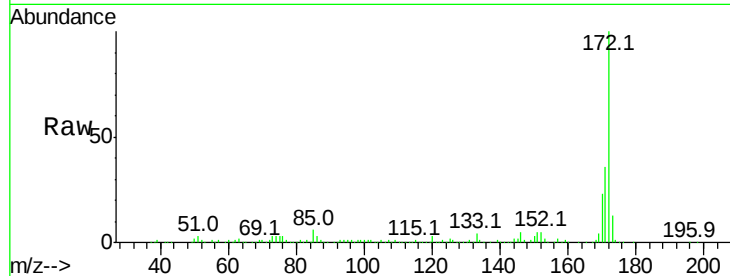
#44
2-Fluorobiphenyl
Concen: 84.316 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF106787.D
Acq: 25 Jun 2018 22:21

Instrument :
BNA_F
ClientSampleId :
HR-06-062218-CMS

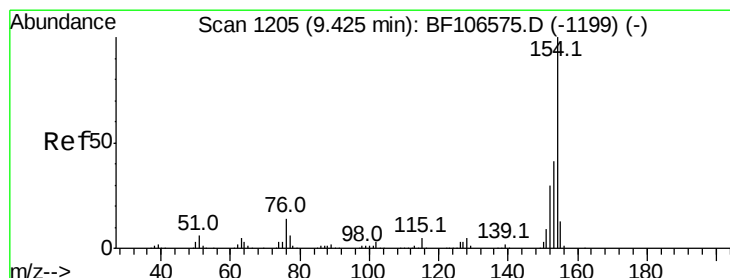
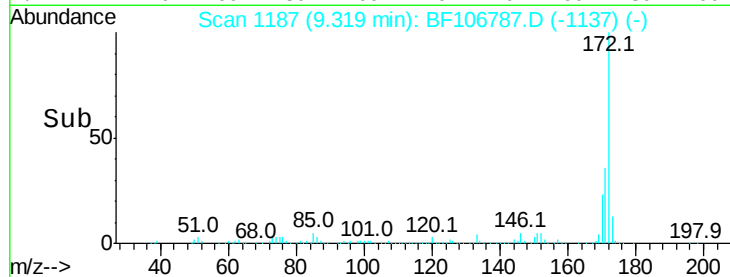
Tot Ion:	172	Resp:	381772
Ion Ratio	Lower	Upper	
172	100		
171	35.9	29.7	44.5
170	23.3	19.6	29.4

Manual Integrations
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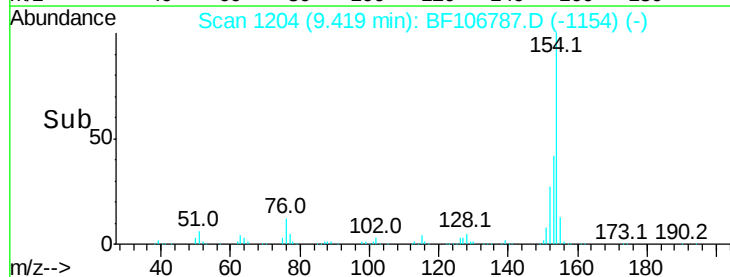
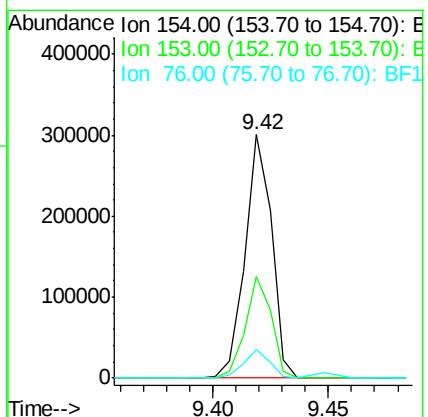
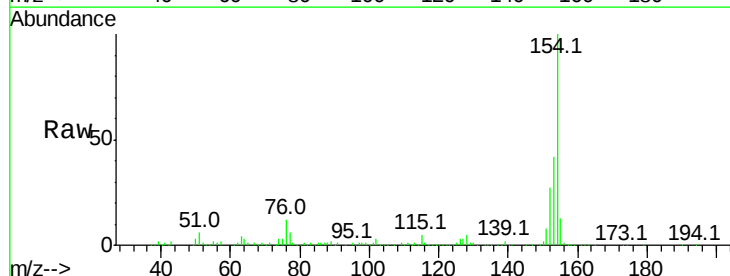


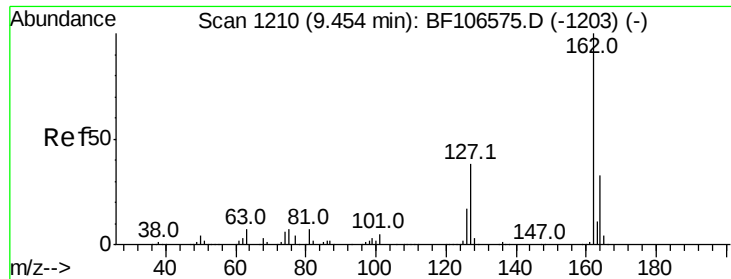
6/27/2018 10:55:44 AM



#45
1,1'-Biphenyl
Concen: 39.830 ng
RT: 9.42 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF106787.D
Acq: 25 Jun 2018 22:21

Tgt Ion:	154	Resp:	242930
Ion Ratio	Lower	Upper	
154	100		
153	41.5	21.3	61.3
76	11.9	0.0	34.0





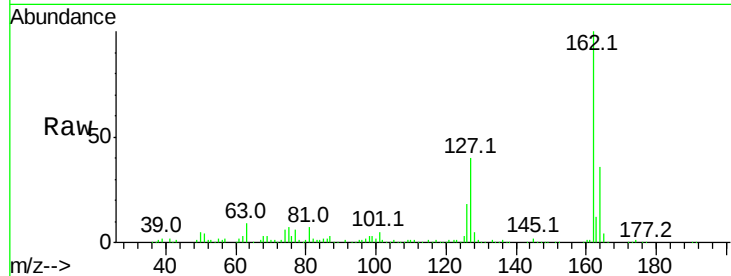
#46
2-Chloronaphthalene
Concen: 34.898 ng
RT: 9.45 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF106787.D
Acq: 25 Jun 2018 22:21

Instrument :
BNA_F
ClientSampleId :
HR-06-062218-CMS

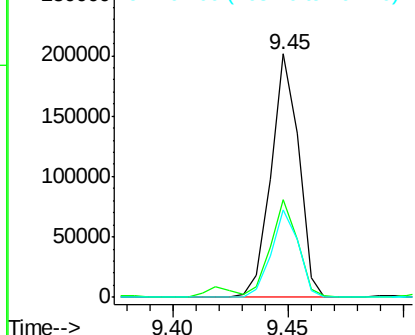
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.0	33.9	50.9
164	35.7	26.5	39.7

Manual Integrations
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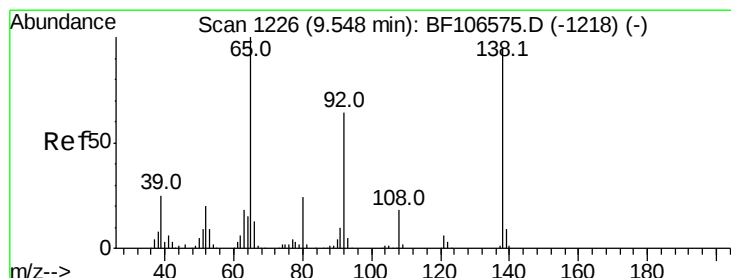
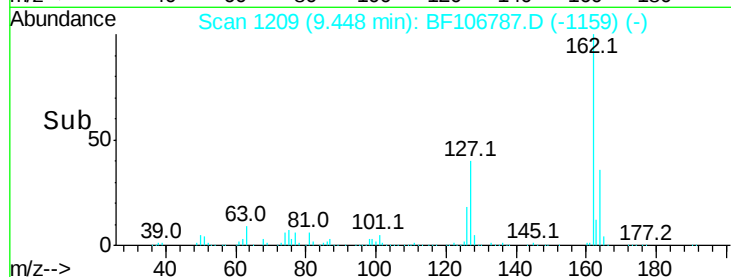
Sohil



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



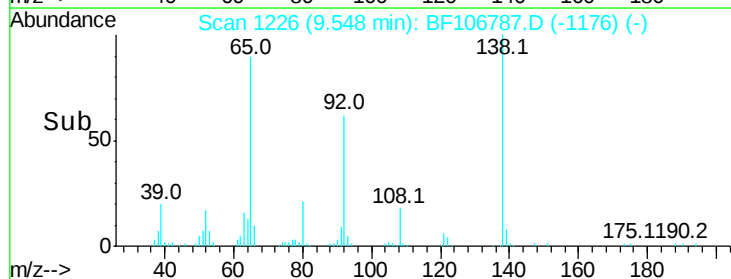
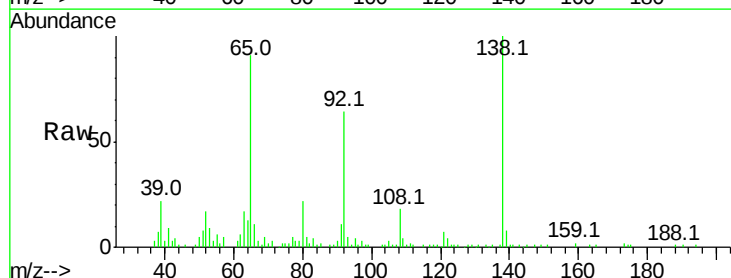
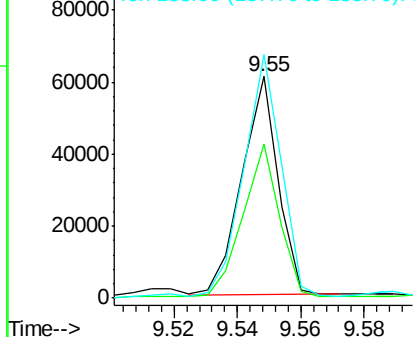
6/27/2018 10:55:44 AM

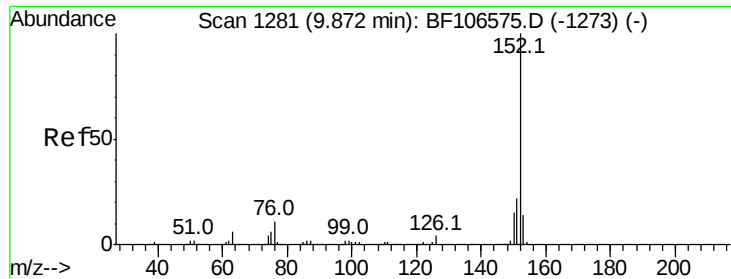


#47
2-Nitroaniline
Concen: 29.806 ng
RT: 9.55 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF106787.D
Acq: 25 Jun 2018 22:21

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.9	55.8	83.6
138	110.0	91.2	136.8

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





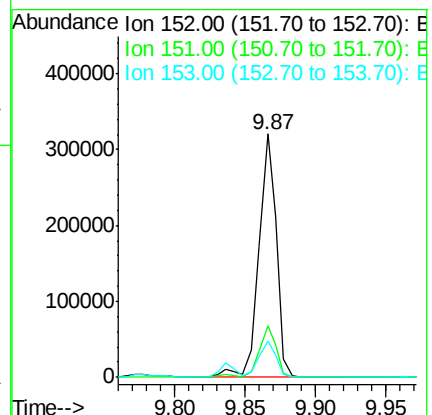
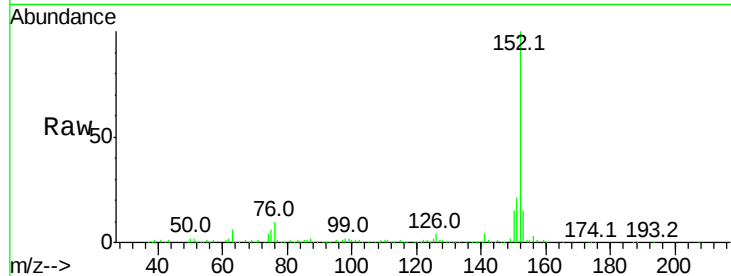
#48
Acenaphthylene
Concen: 37.231 ng
RT: 9.87 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF106787.D
Acq: 25 Jun 2018 22:21

Instrument :
BNA_F
ClientSampleId :
HR-06-062218-CMS

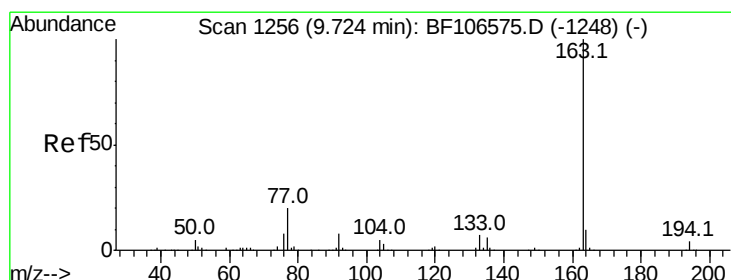
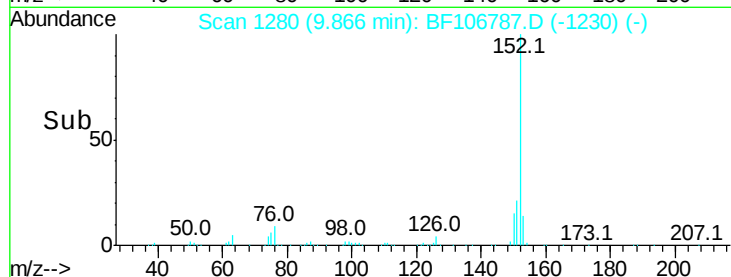
Tot Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.3	24.5
153	14.7	10.7	16.1

Manual Integrations
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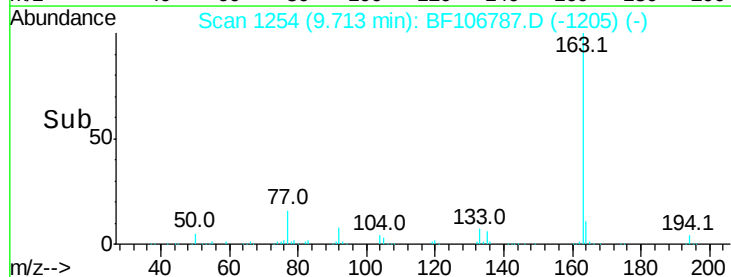
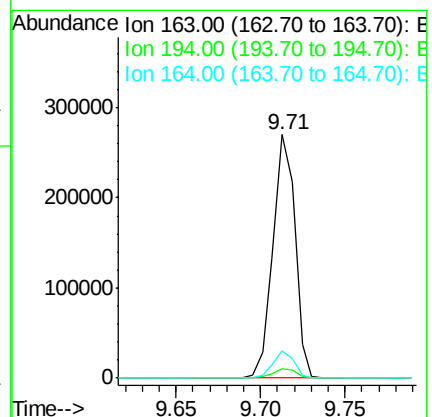
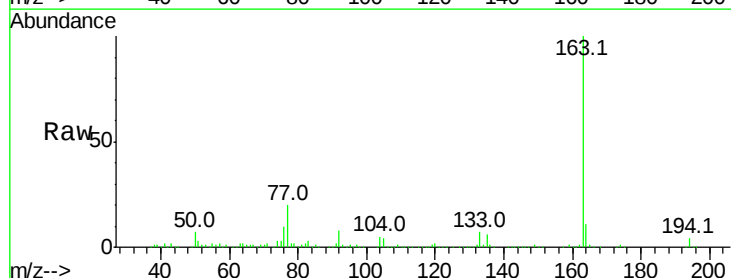


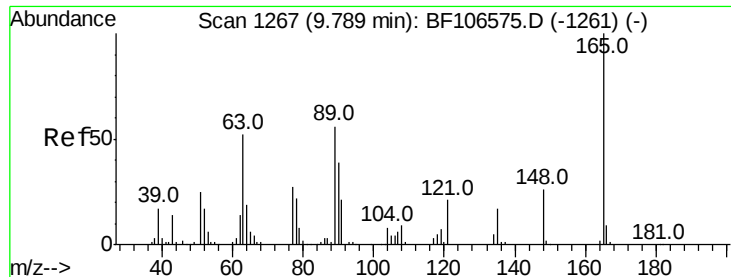
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#49
Dimethylphthalate
Concen: 42.664 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106787.D
Acq: 25 Jun 2018 22:21

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	11.1	8.2	12.2





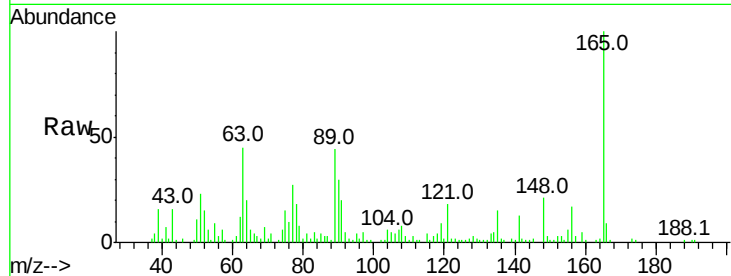
#50
2,6-Dinitrotoluene
Concen: 35.073 ng
RT: 9.79 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF106787.D
Acq: 25 Jun 2018 22:21

Instrument :
BNA_F
ClientSampleId :
HR-06-062218-CMS

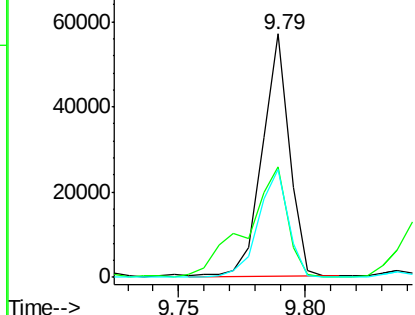
Tot Ion	Ratio	Lower	Upper
165	100		
63	45.4	44.7	67.1
89	44.2	44.0	66.0

Manual Integrations
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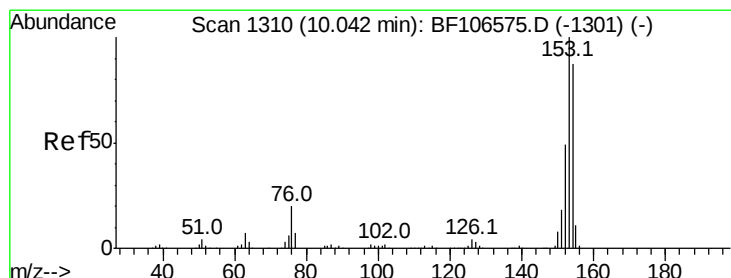
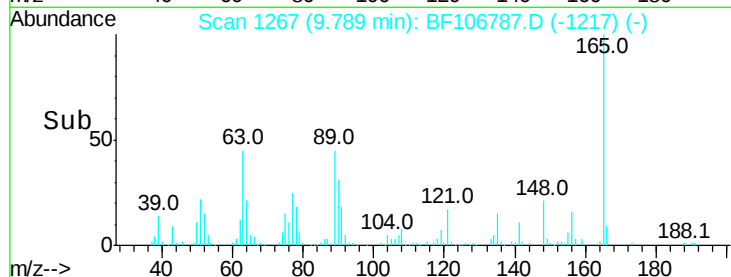
Sohil



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

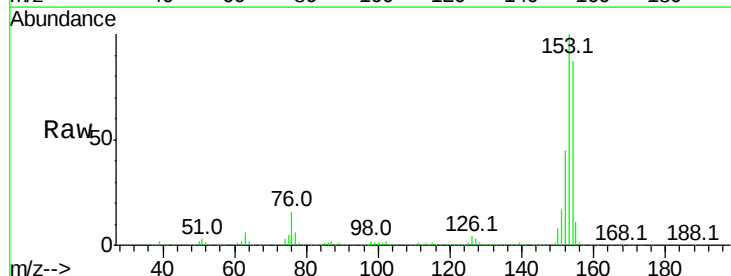


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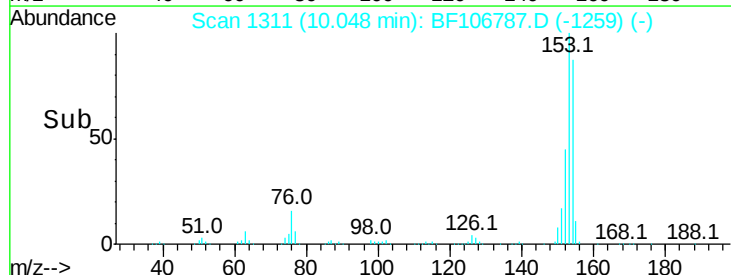
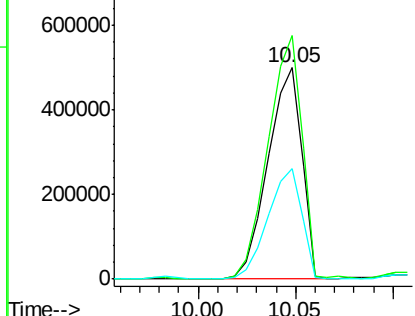


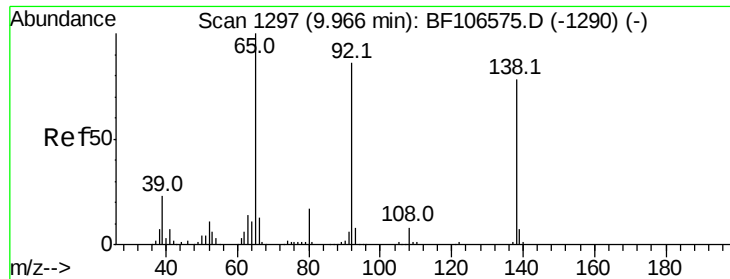
#51
Acenaphthene
Concen: 126.406 ng
RT: 10.05 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BF106787.D
Acq: 25 Jun 2018 22:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.3	91.2	136.8
152	52.4	43.8	65.8



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





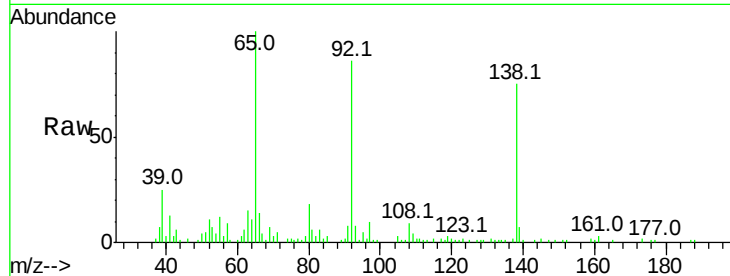
#52
 3-Nitroaniline
 Concen: 25.185 ng
 RT: 9.96 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BF106787.D
 Acq: 25 Jun 2018 22:21

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-062218-CMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.5	9.4	14.0
92	115.3	89.4	134.2

Manual Integrations
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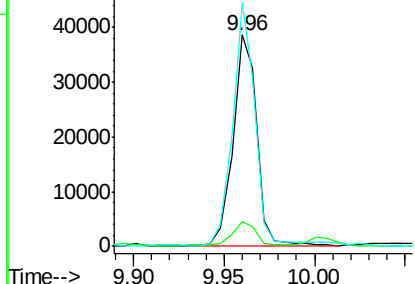


Abundance

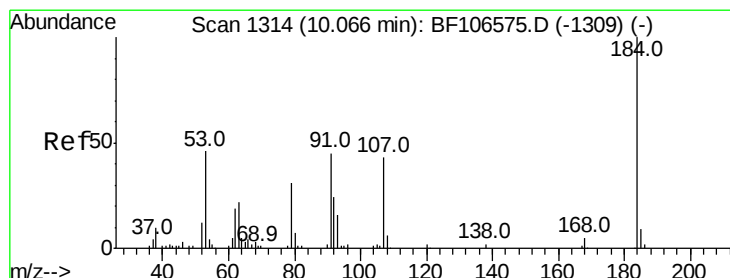
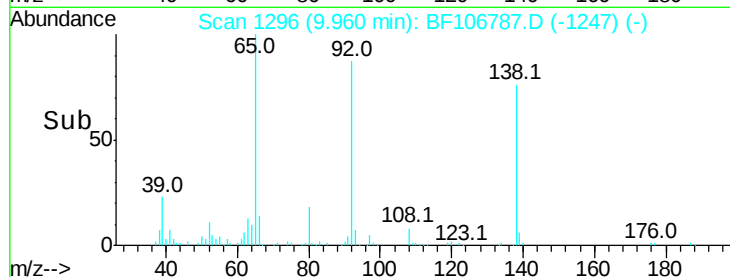
Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

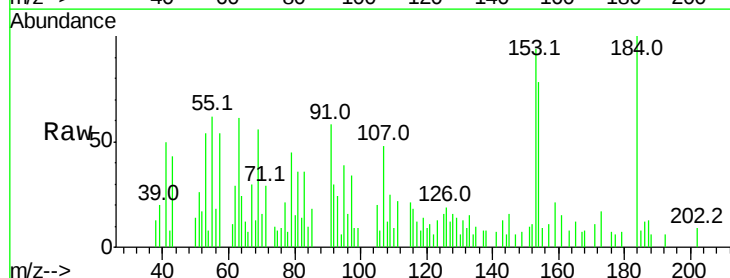


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#53
 2,4-Dinitrophenol
 Concen: 15.210 ng
 RT: 10.08 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BF106787.D
 Acq: 25 Jun 2018 22:21

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.6	54.2	81.2
154	78.2	184.0	276.0#

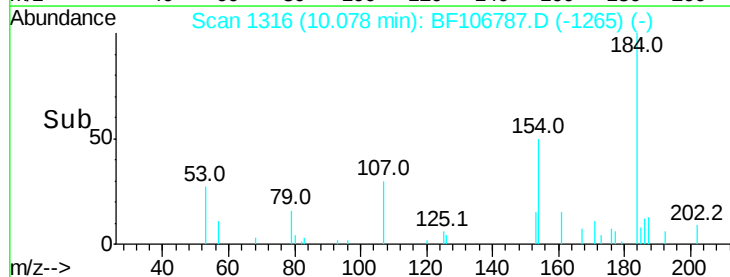
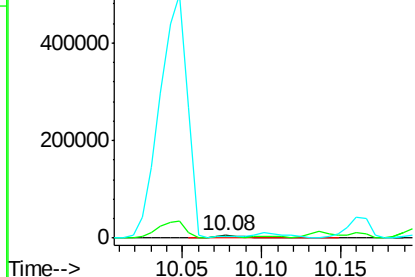


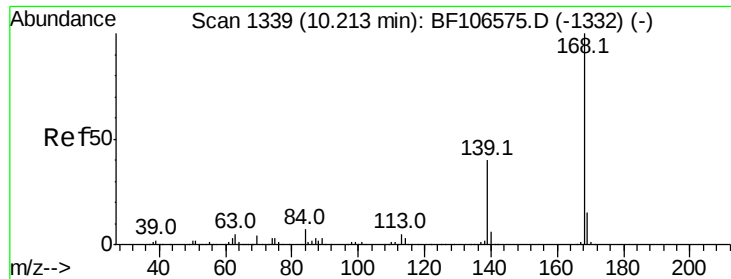
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 41.104 ng

RT: 10.21 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF106787.D

Acq: 25 Jun 2018 22:21

Instrument :

BNA_F

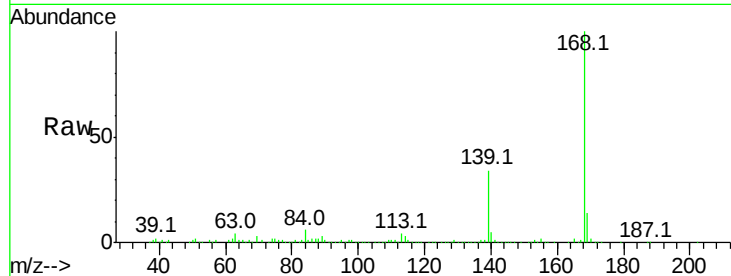
ClientSampleId :

HR-06-062218-CMS

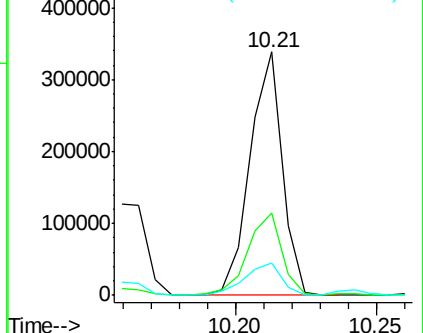
Tot Ion:168	Resp:	268647
Ion Ratio	Lower	Upper
168	100	
139	34.1	30.1 45.1
169	13.5	10.9 16.3

Manual Integrations
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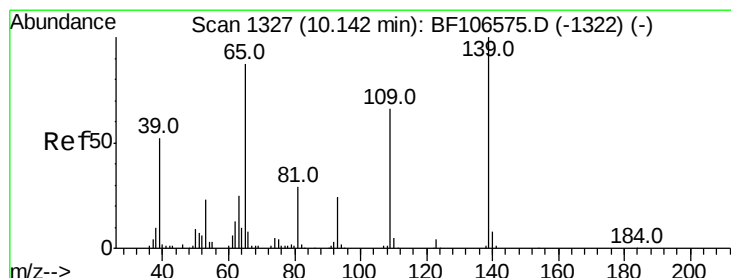
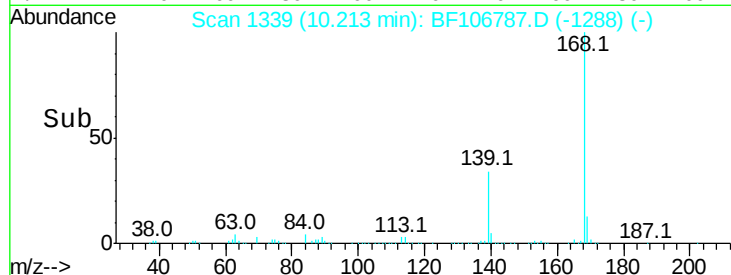
Sohil



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



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#55

4-Nitrophenol

Concen: 58.060 ng

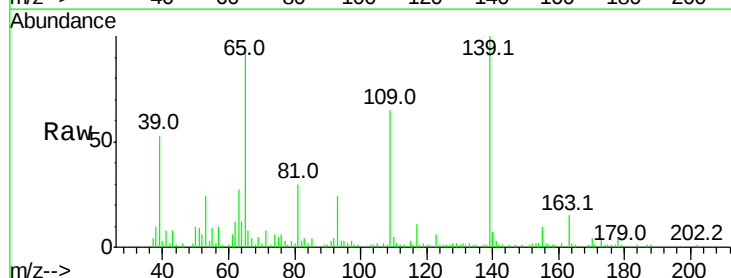
RT: 10.14 min Scan# 1326

Delta R.T. -0.01 min

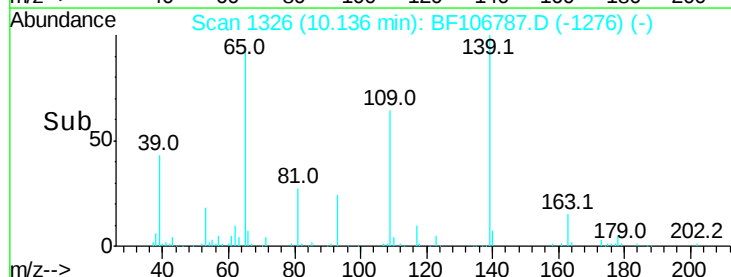
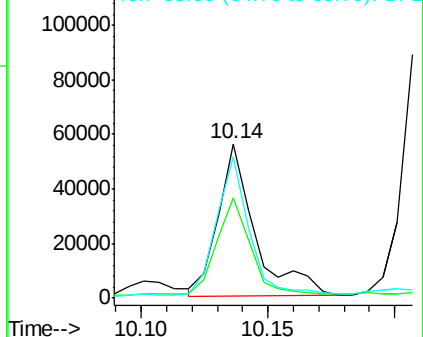
Lab File: BF106787.D

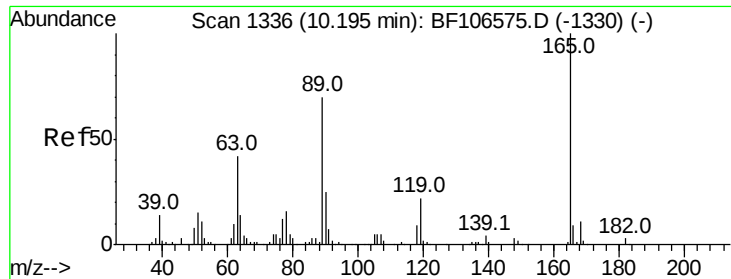
Acq: 25 Jun 2018 22:21

Tgt Ion:139	Resp:	56684
Ion Ratio	Lower	Upper
139	100	
109	64.9	48.4 88.4
65	91.6	72.6 112.6



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





#56
 2,4-Dinitrotoluene
 Concen: 31.725 ng
 RT: 10.20 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: BF106787.D
 Acq: 25 Jun 2018 22:21

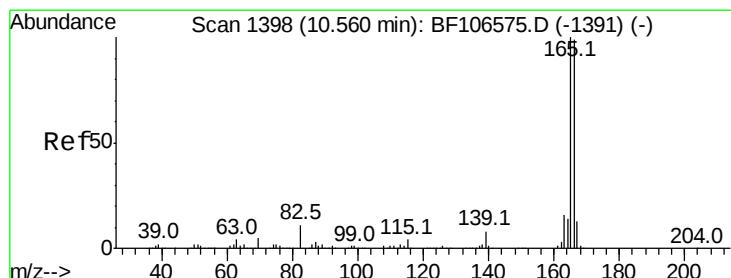
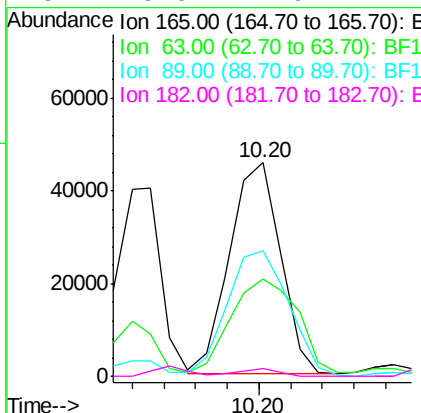
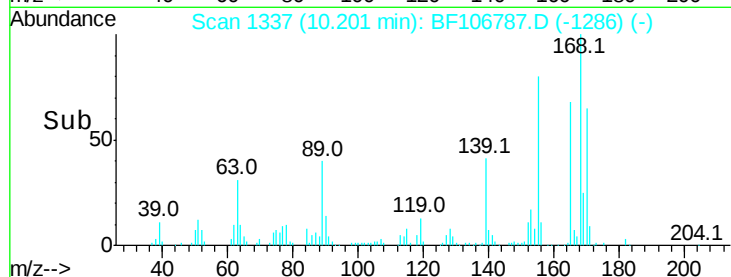
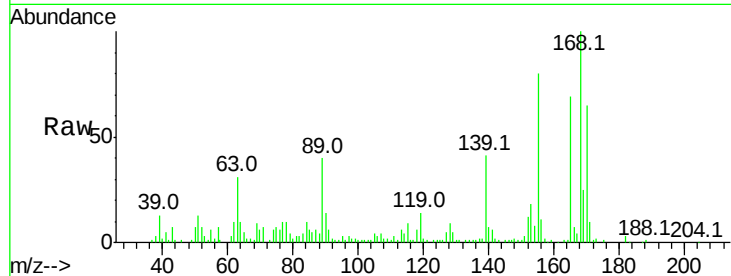
Instrument :
 BNA_F
 ClientSampleId :
 HR-06-062218-CMS

Tot Ion:	165	Resp:	50332
Ion Ratio	Lower	Upper	
165	100		
63	45.6	36.4	54.6
89	58.9	57.8	86.6
182	3.6	1.6	2.4#

Manual Integrations
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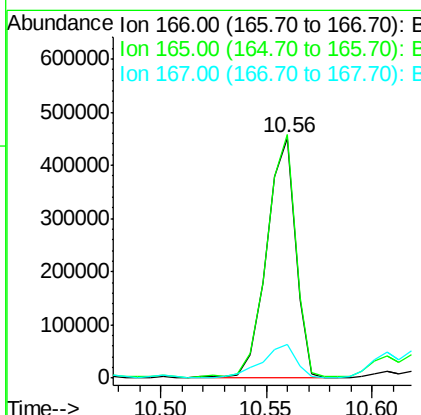
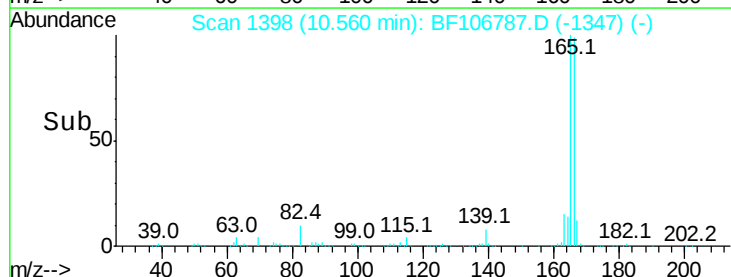
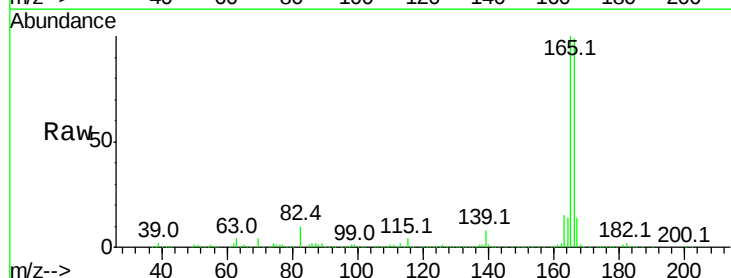
Sohil

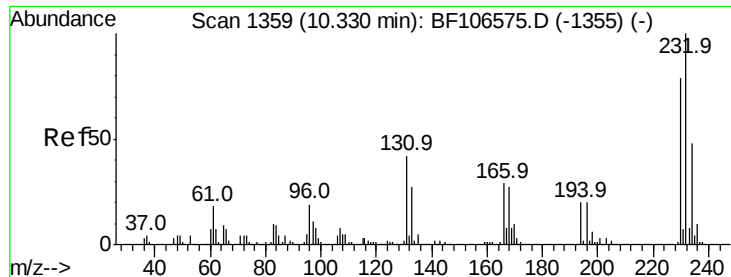
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#57
 Fluorene
 Concen: 82.703 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF106787.D
 Acq: 25 Jun 2018 22:21

Tgt Ion:	166	Resp:	428930
Ion Ratio	Lower	Upper	
166	100		
165	101.4	79.8	119.8
167	14.2	10.6	16.0





#58

2,3,4,6-Tetrachlorophenol

Concen: 34.645 ng

RT: 10.33 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF106787.D

Acq: 25 Jun 2018 22:21

Instrument :

BNA_F

ClientSampleId :

HR-06-062218-CMS

Tot Ion:232 Resp: 49233

Ion Ratio Lower Upper

232 100

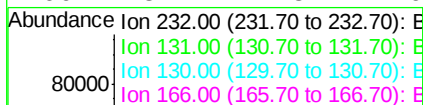
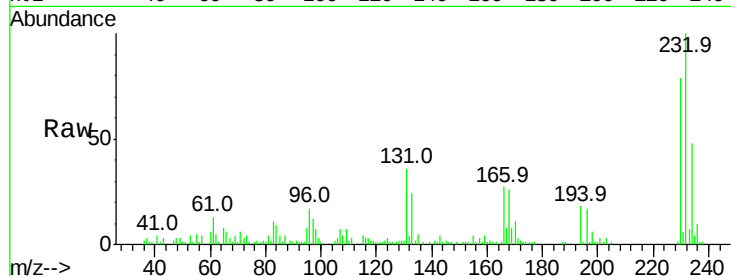
131 34.9 43.8 65.8#

130 4.8 2.1 3.1#

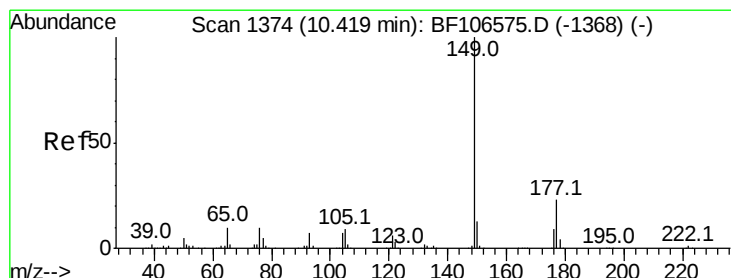
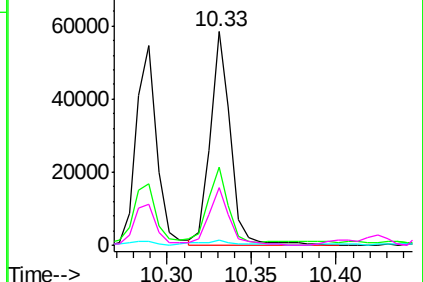
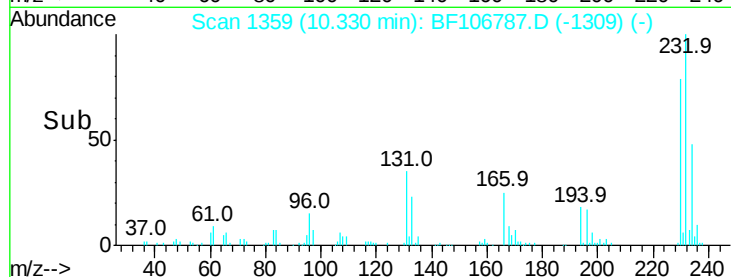
166 28.4 27.8 41.6

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#59

Diethylphthalate

Concen: 31.554 ng

RT: 10.41 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BF106787.D

Acq: 25 Jun 2018 22:21

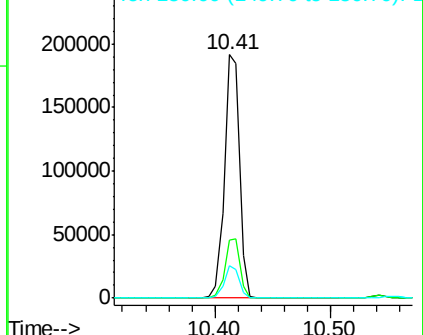
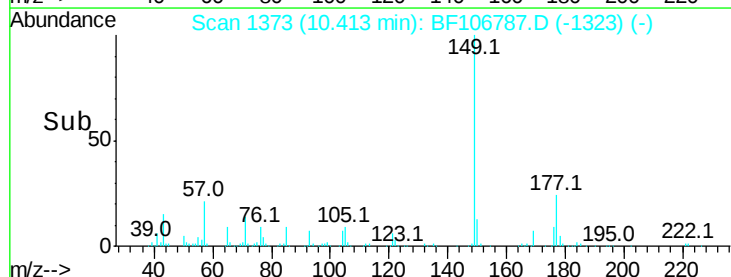
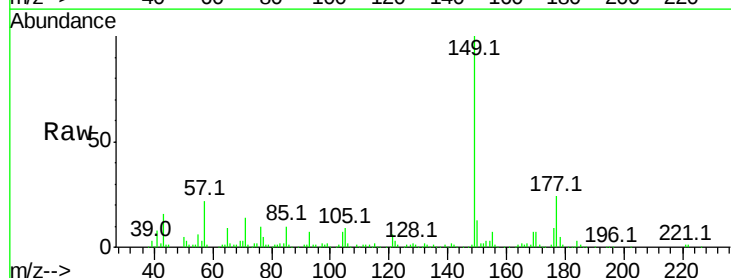
Tgt Ion:149 Resp: 174809

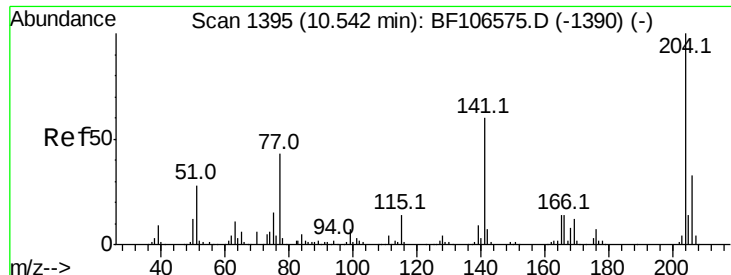
Ion Ratio Lower Upper

149 100

177 24.0 16.1 24.1

150 13.1 10.1 15.1





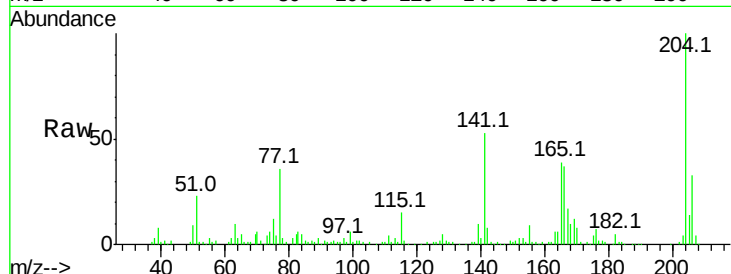
#60
4-Chlorophenyl-phenylether
Concen: 33.828 ng
RT: 10.54 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF106787.D
Acq: 25 Jun 2018 22:21

Instrument :
BNA_F
ClientSampleId :
HR-06-062218-CMS

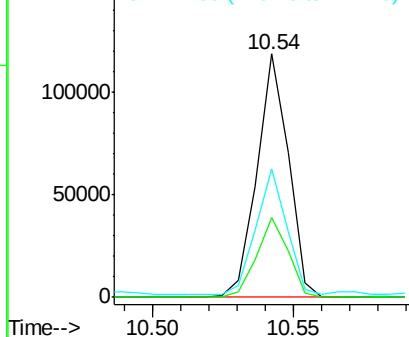
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.5	39.7
141	52.6	54.6	81.8#

Manual Integrations
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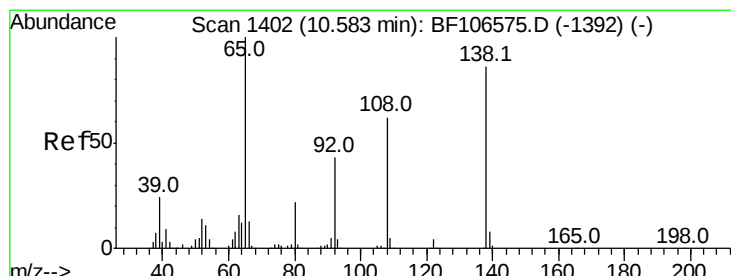
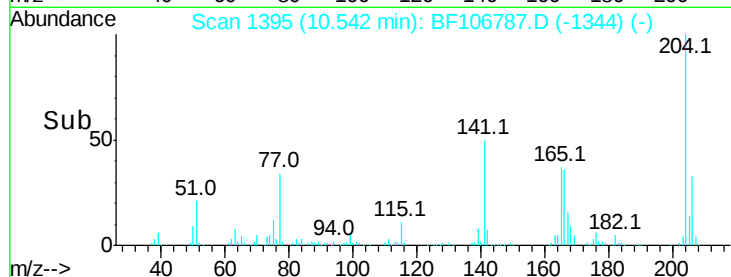
Sohil



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

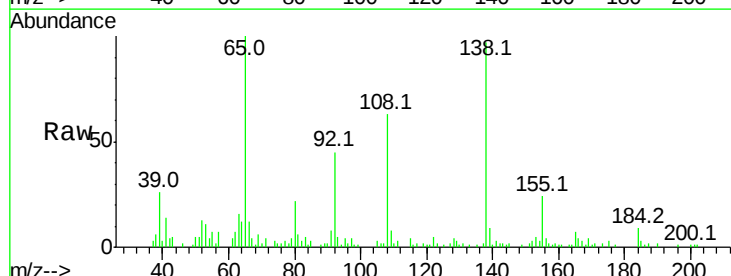


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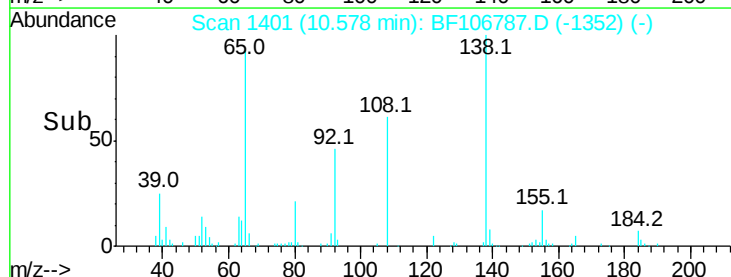
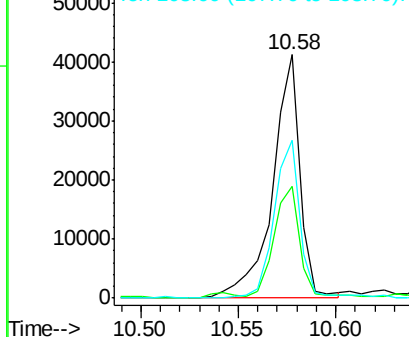


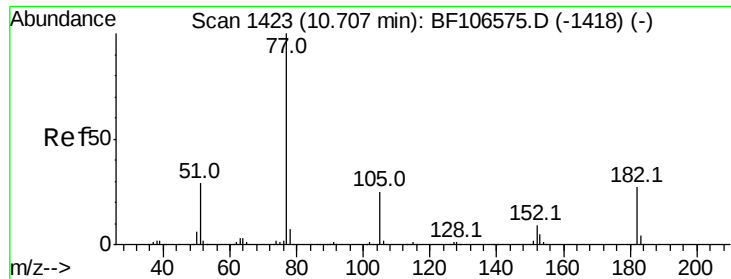
#61
4-Nitroaniline
Concen: 29.081 ng
RT: 10.58 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF106787.D
Acq: 25 Jun 2018 22:21

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.0	30.2	70.2
108	65.1	52.5	92.5



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





#62
Azobenzene
Concen: 28.248 ng
RT: 10.70 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF106787.D
Acq: 25 Jun 2018 22:21

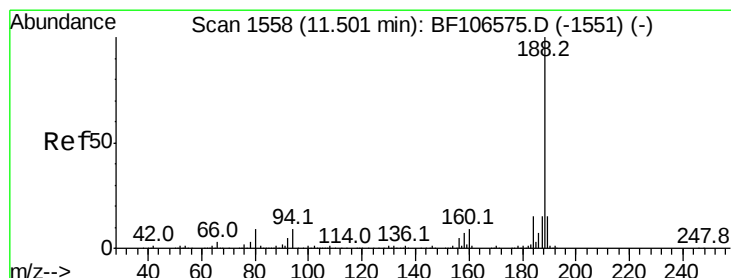
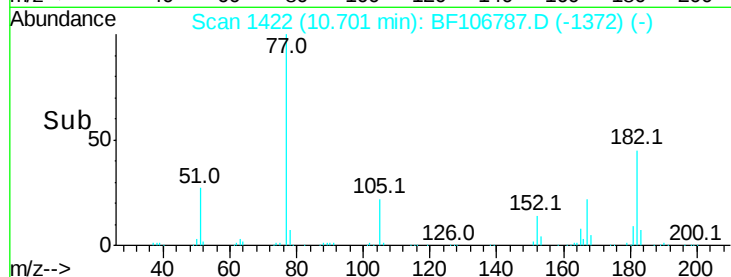
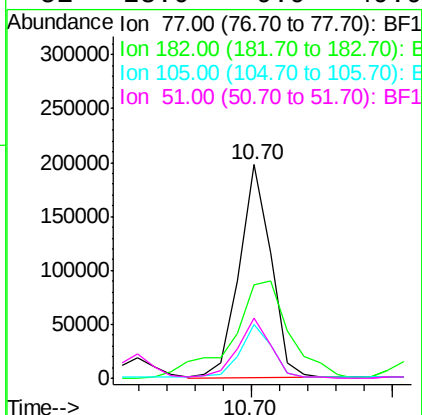
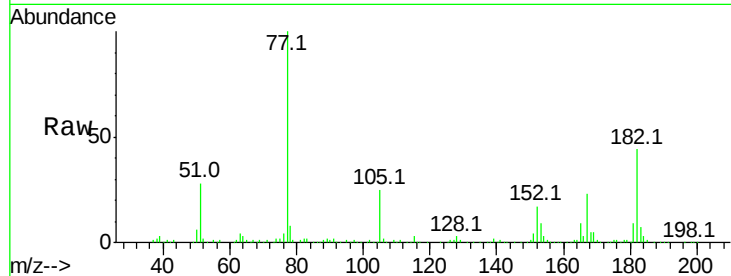
Instrument :
BNA_F
ClientSampleId :
HR-06-062218-CMS

Tot Ion	Ratio	Lower	Upper
77	100		
182	43.8	1.7	41.7#
105	25.0	3.0	43.0
51	28.0	9.9	49.9

Manual Integrations
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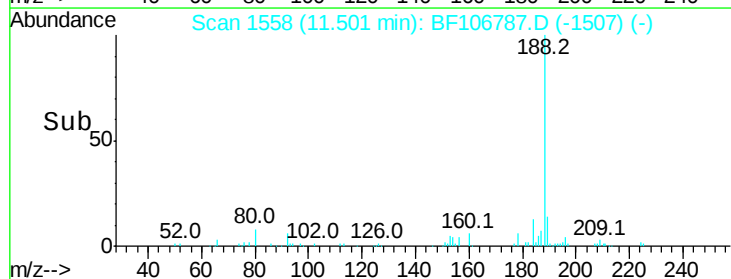
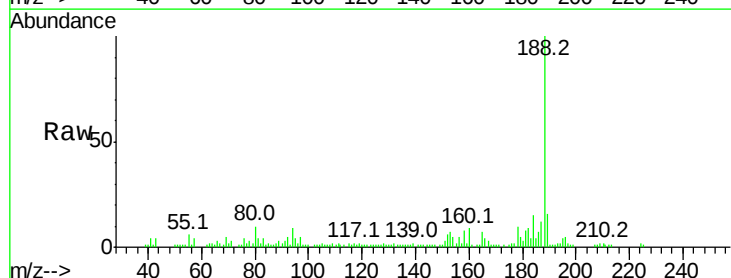
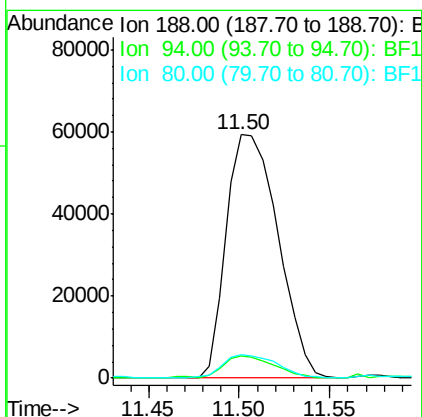
Sohil

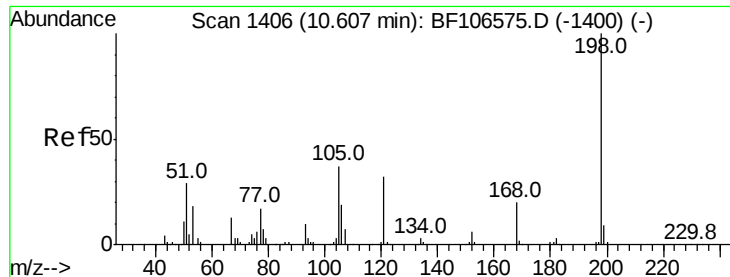
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF106787.D
Acq: 25 Jun 2018 22:21

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.6	9.2	13.8





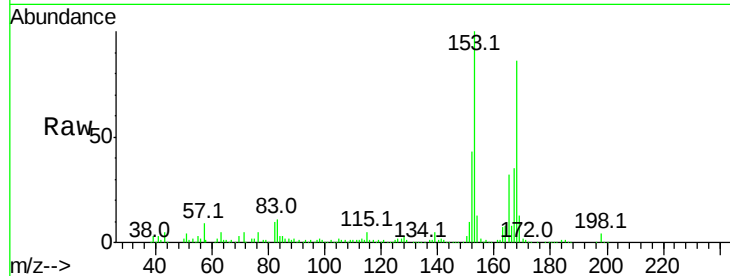
#64
4,6-Dinitro-2-methylphenol
Concen: 9.147 ng
RT: 10.62 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BF106787.D
Acq: 25 Jun 2018 22:21

Instrument :
BNA_F
ClientSampleId :
HR-06-062218-CMS

Tot Ion	Ratio	Lower	Upper
198	100		
51	100.6	37.7	77.7#
105	57.6	36.3	76.3

Manual Integrations
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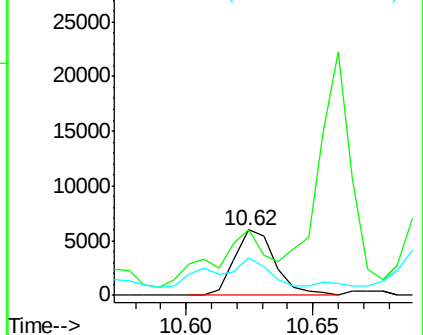


Abundance

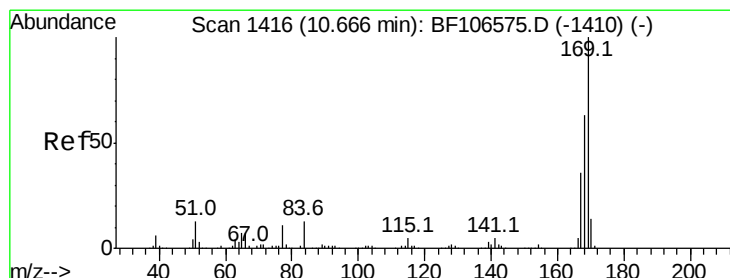
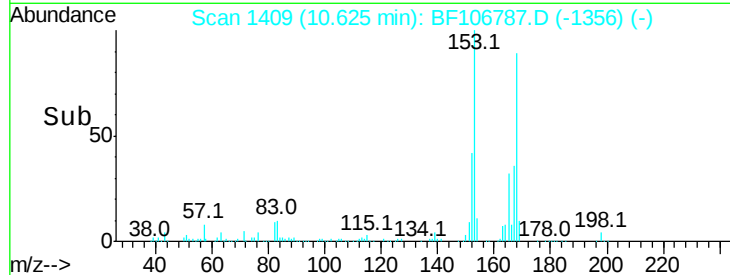
Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

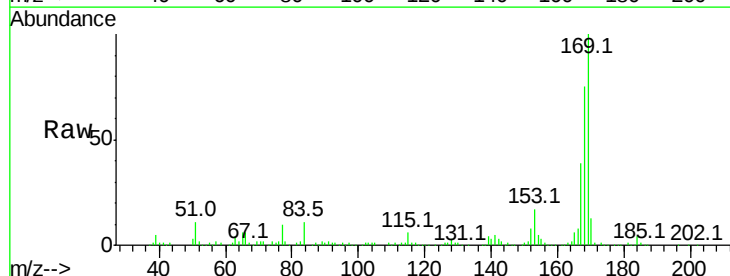


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#65
n-Nitrosodiphenylamine
Concen: 53.244 ng
RT: 10.66 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF106787.D
Acq: 25 Jun 2018 22:21

Tgt Ion	Ratio	Lower	Upper
169	100		
168	75.1	54.4	81.6
167	39.5	29.8	44.6

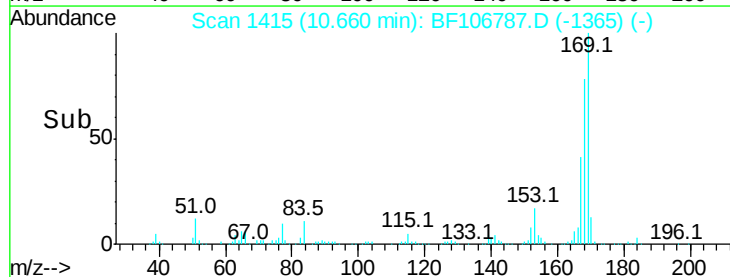
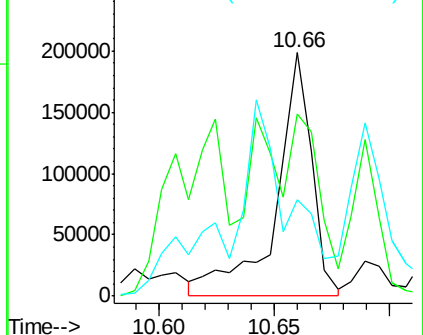


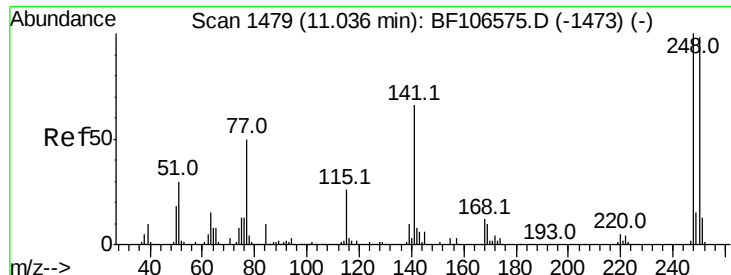
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





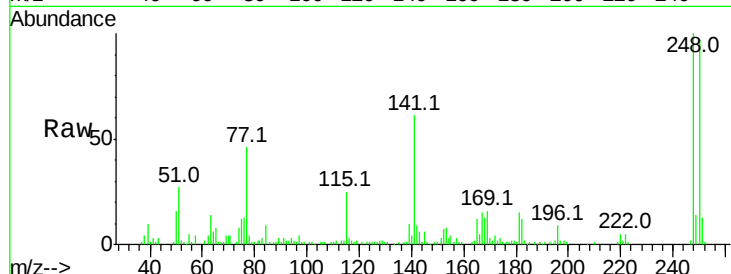
#66
4-Bromophenyl-phenylether
Concen: 42.915 ng
RT: 11.03 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF106787.D
Acq: 25 Jun 2018 22:21

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	76.9	115.3
141	61.1	74.4	111.6

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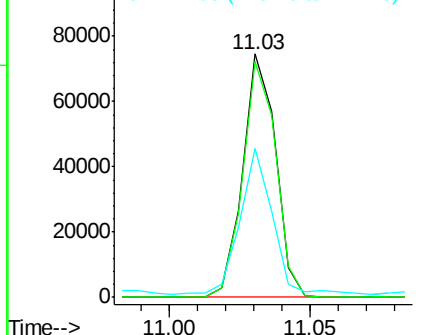


Abundance

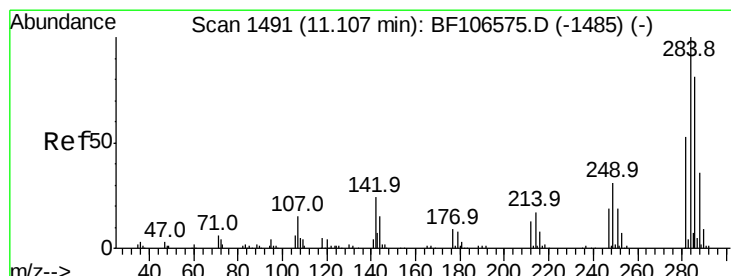
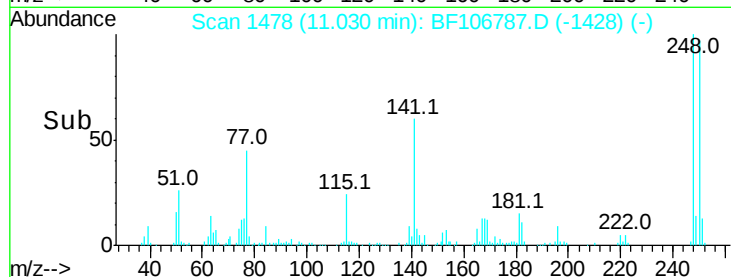
Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



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#67
Hexachlorobenzene
Concen: 41.009 ng
RT: 11.12 min Scan# 1493
Delta R.T. 0.01 min
Lab File: BF106787.D
Acq: 25 Jun 2018 22:21

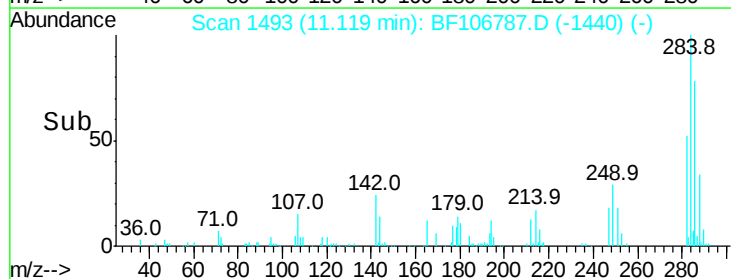
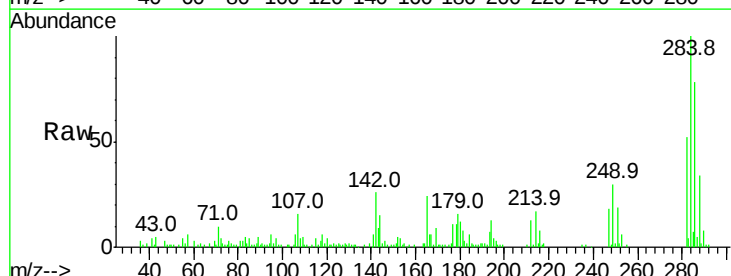
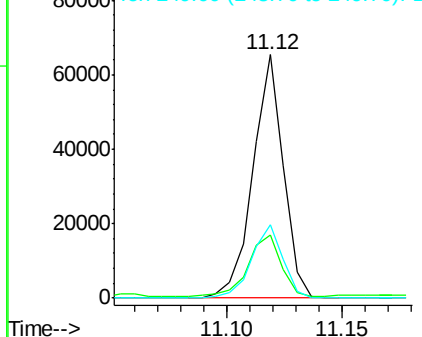
Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.0	34.6	52.0
249	30.0	24.8	37.2

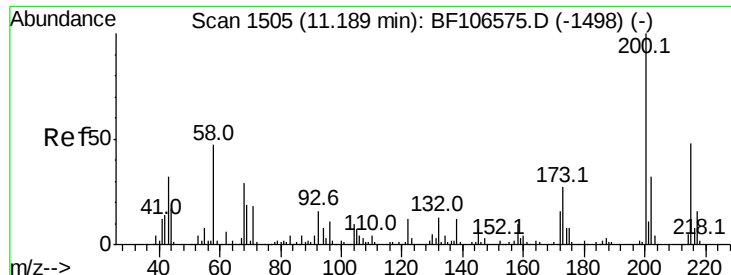
Abundance

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





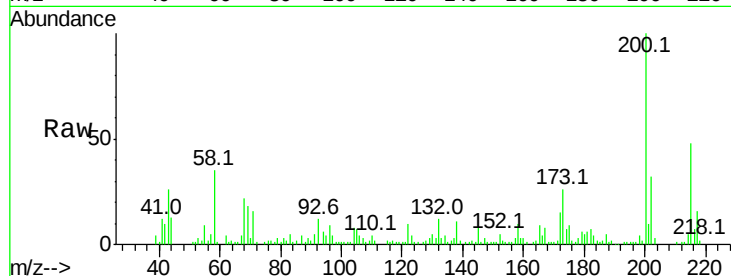
#68
Atrazine
Concen: 42.818 ng
RT: 11.20 min Scan# 1507
Delta R.T. 0.01 min
Lab File: BF106787.D
Acq: 25 Jun 2018 22:21

Instrument :
BNA_F
ClientSampleId :
HR-06-062218-CMS

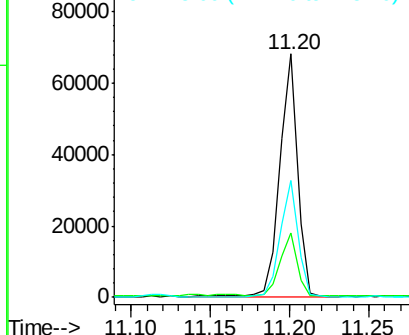
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.3	8.6	48.6
215	47.8	25.1	65.1

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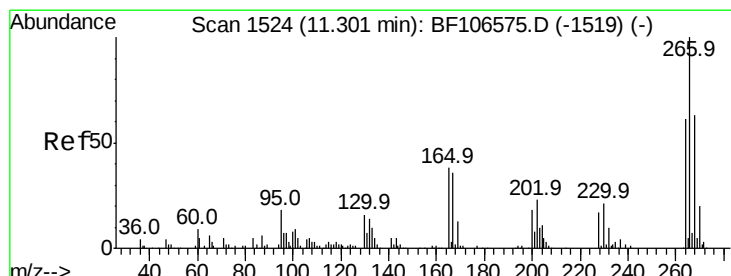
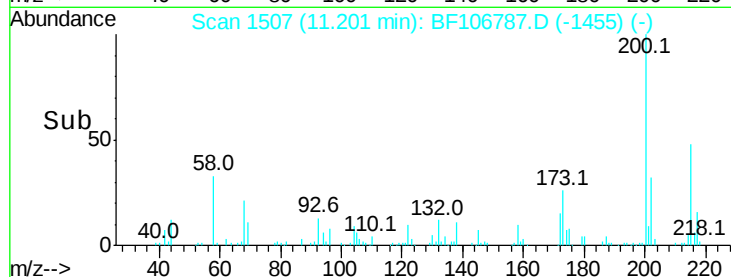
Sohil



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

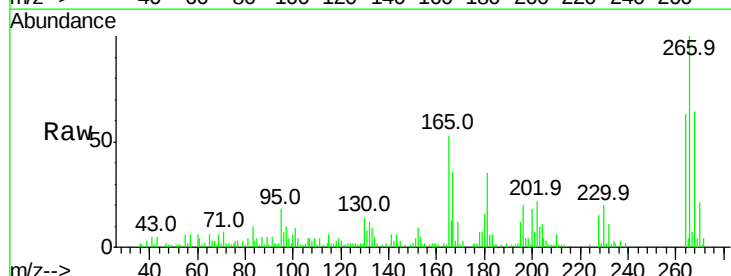


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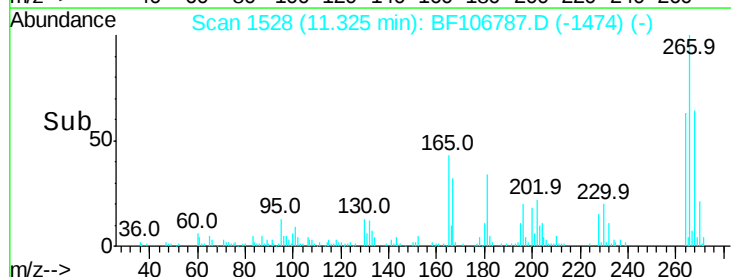
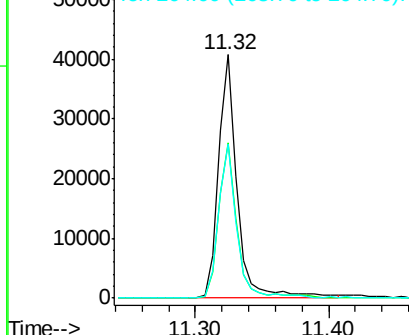


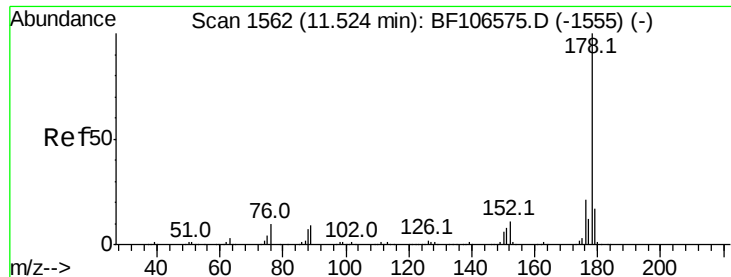
#69
Pentachlorophenol
Concen: 55.134 ng
RT: 11.32 min Scan# 1528
Delta R.T. 0.02 min
Lab File: BF106787.D
Acq: 25 Jun 2018 22:21

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.1	76.7
264	63.1	49.5	74.3



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





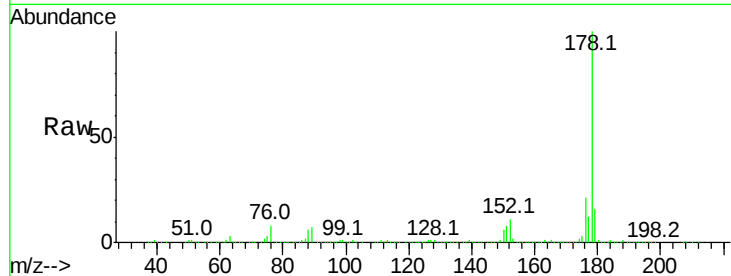
#70
Phenanthrene
Concen: 432.393 ng
RT: 11.54 min Scan# 1564
Delta R.T. 0.01 min
Lab File: BF106787.D
Acq: 25 Jun 2018 22:21

Instrument :
BNA_F
ClientSampleId :
HR-06-062218-CMS

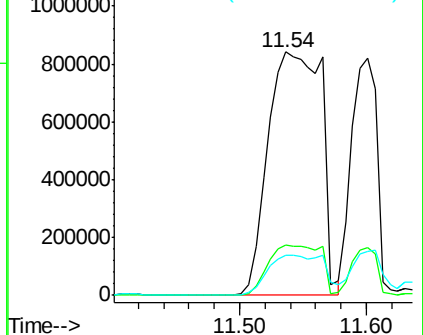
Tot Ion:178 Resp: 2454320
Ion Ratio Lower Upper
178 100
176 20.7 15.8 23.8
179 16.4 13.0 19.6

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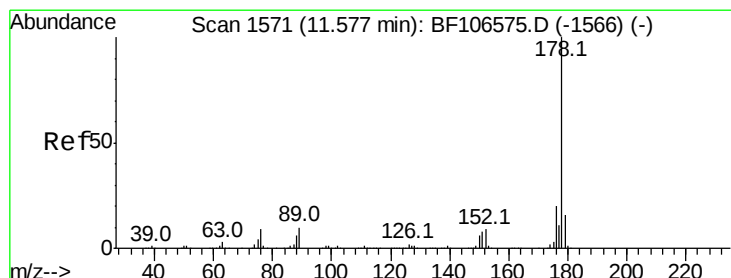
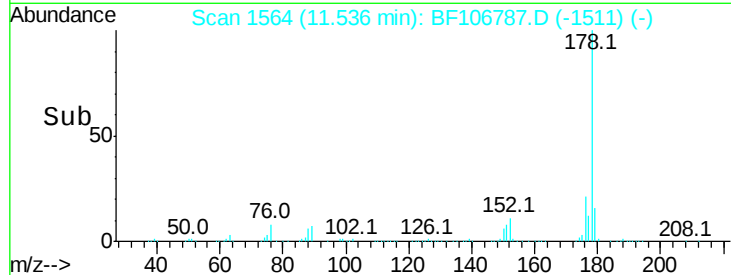
Sohil



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

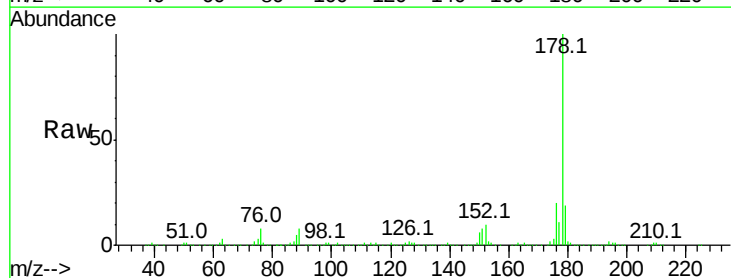


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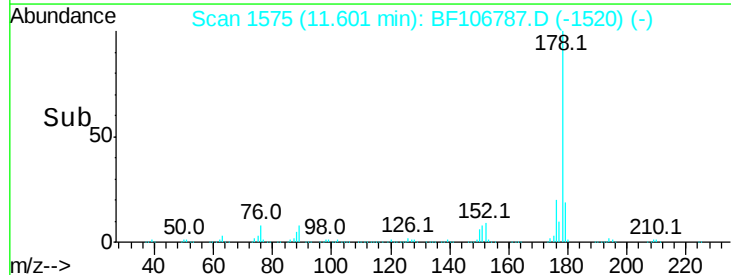
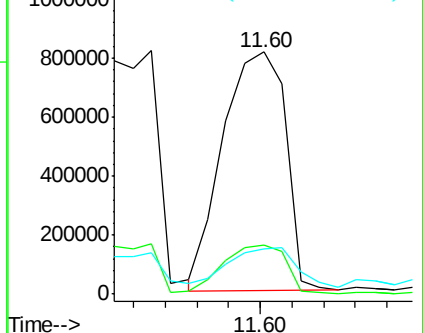


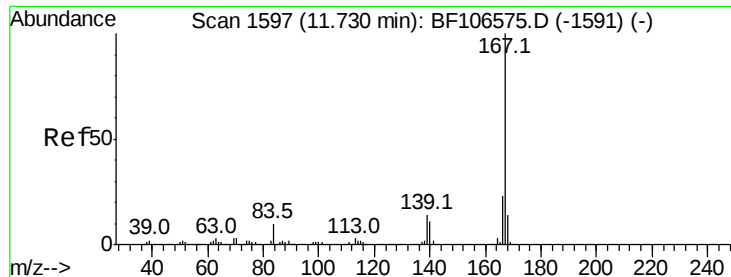
#71
Anthracene
Concen: 191.374 ng
RT: 11.60 min Scan# 1575
Delta R.T. 0.02 min
Lab File: BF106787.D
Acq: 25 Jun 2018 22:21

Tgt Ion:178 Resp: 1108757
Ion Ratio Lower Upper
178 100
176 20.3 15.4 23.2
179 18.8 12.6 19.0



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





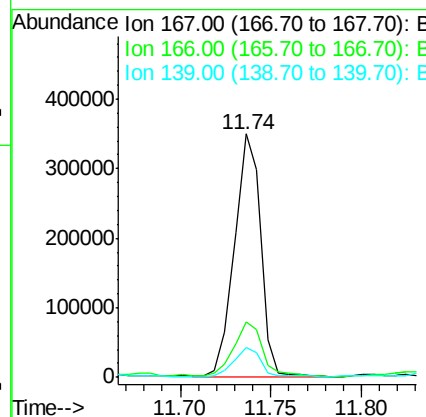
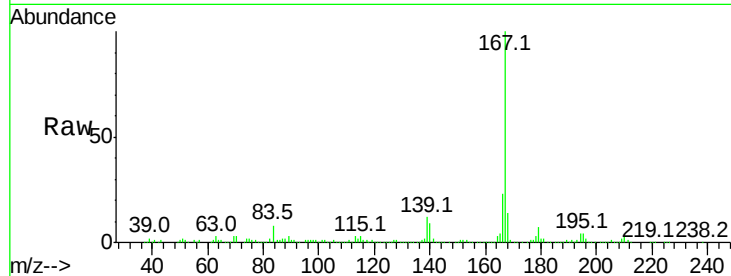
#72
 Carbazole
 Concen: 64.677 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF106787.D
 Acq: 25 Jun 2018 22:21

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-062218-CMS

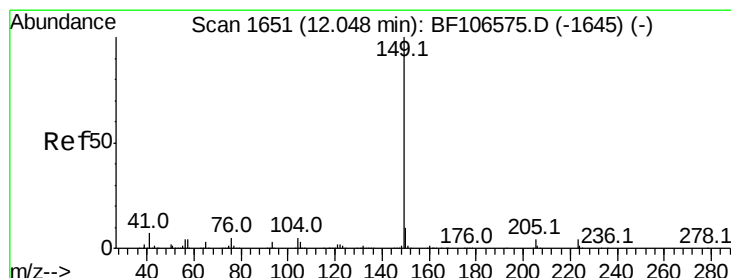
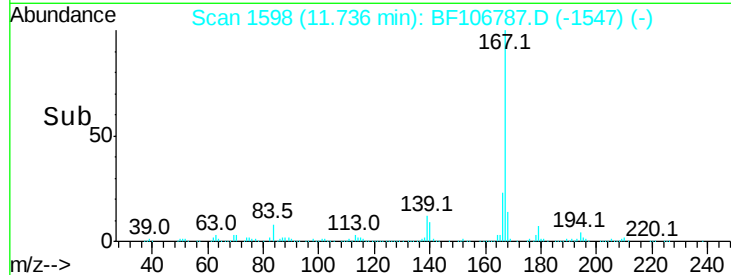
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.9	17.6	26.4
139	12.3	10.9	16.3

Manual Integrations
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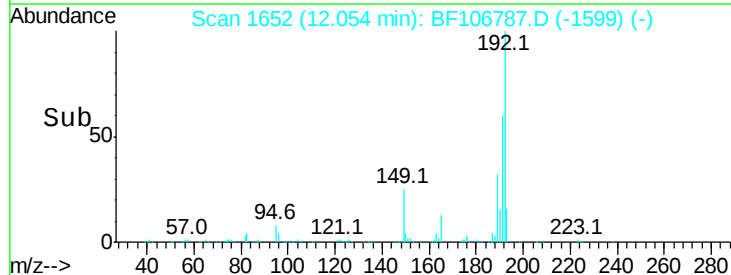
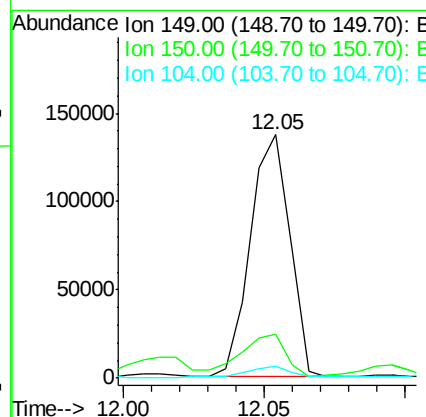
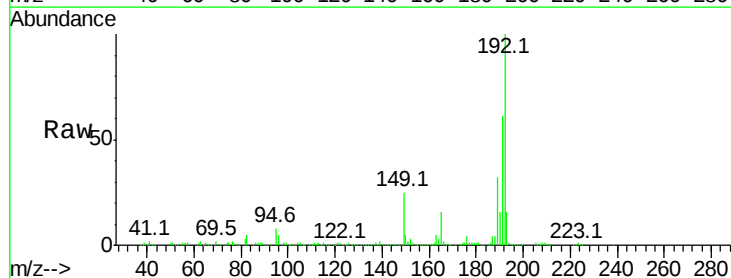


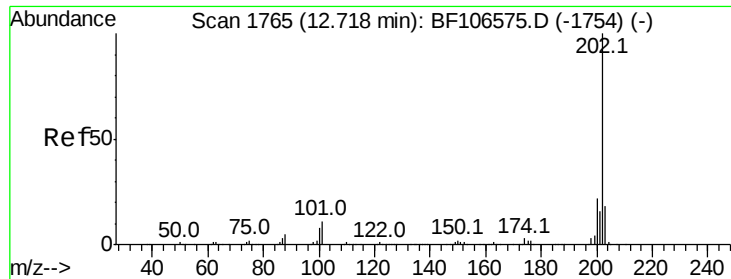
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#73
 Di-n-butylphthalate
 Concen: 20.826 ng
 RT: 12.05 min Scan# 1652
 Delta R.T. 0.01 min
 Lab File: BF106787.D
 Acq: 25 Jun 2018 22:21

Tgt Ion	Ratio	Lower	Upper
149	100		
150	17.9	7.8	11.6#
104	5.0	3.8	5.8





#74

Fluoranthene

Concen: 367.575 ng

RT: 12.75 min Scan# 1771

Delta R.T. 0.04 min

Lab File: BF106787.D

Acq: 25 Jun 2018 22:21

Instrument :

BNA_F

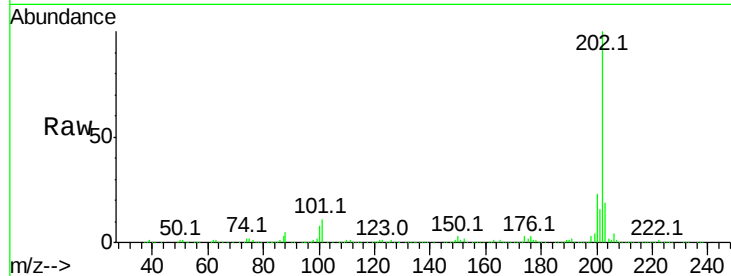
ClientSampleId :

HR-06-062218-CMS

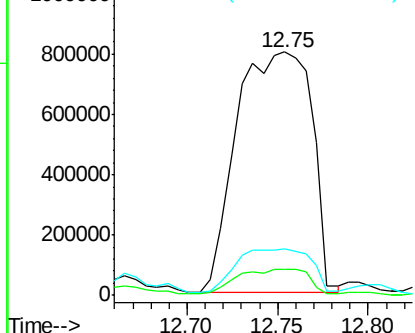
Tot Ion:	202	Resp:	2299639
Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	34.1
203	19.1	0.0	38.1

Manual Integrations
APPROVED

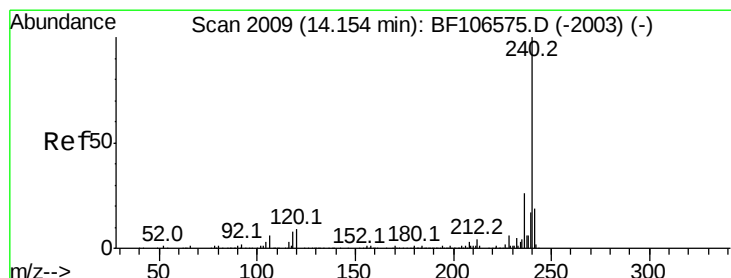
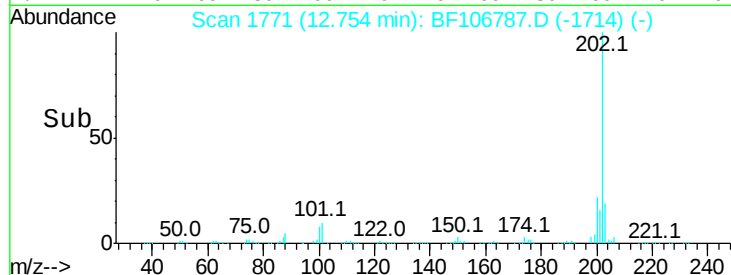
Sohil



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



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#75

Chrysene-d12

Concen: 20.000 ng

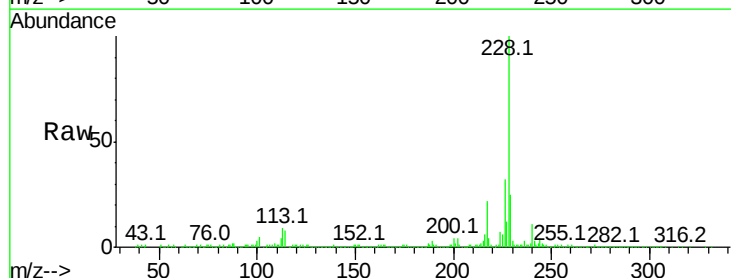
RT: 14.19 min Scan# 2016

Delta R.T. 0.03 min

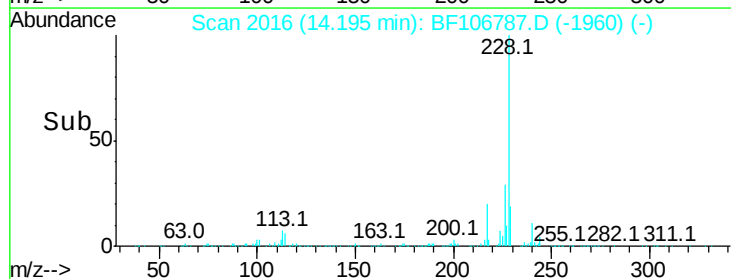
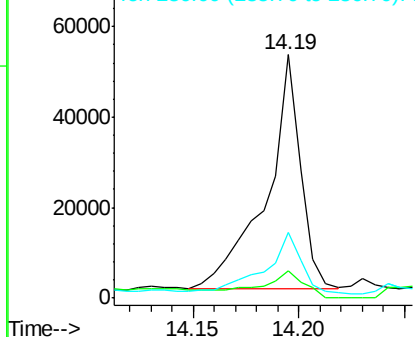
Lab File: BF106787.D

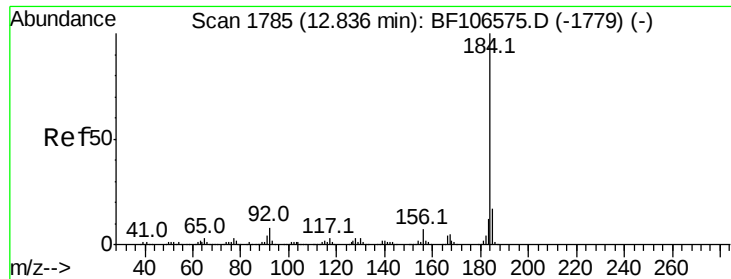
Acq: 25 Jun 2018 22:21

Tgt Ion:	240	Resp:	57393
Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.5	14.3
236	26.8	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





#76

Benzidine

Concen: 10.311 ng

RT: 12.87 min Scan# 1791

Delta R.T. 0.04 min

Lab File: BF106787.D

Acq: 25 Jun 2018 22:21

Instrument :

BNA_F

ClientSampleId :

HR-06-062218-CMS

Tot Ion:184 Resp: 16854

Ion Ratio Lower Upper

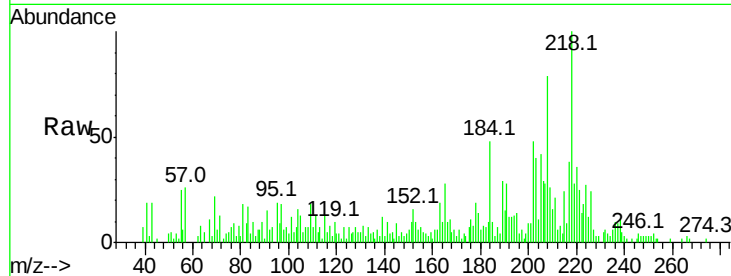
184 100

185 20.6 12.6 18.8#

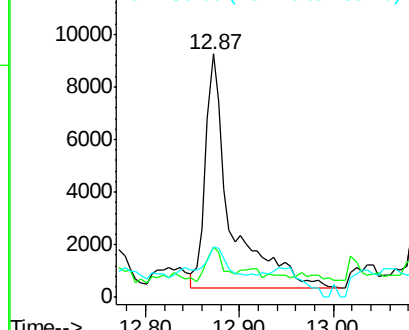
183 20.6 9.3 13.9#

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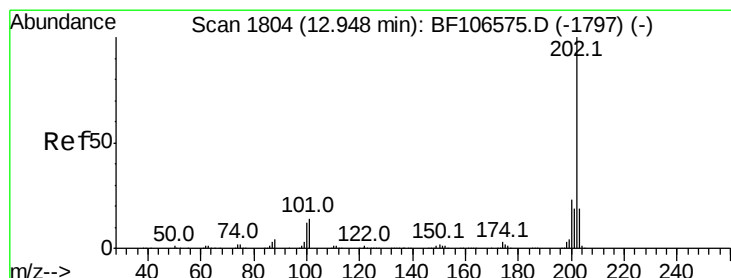
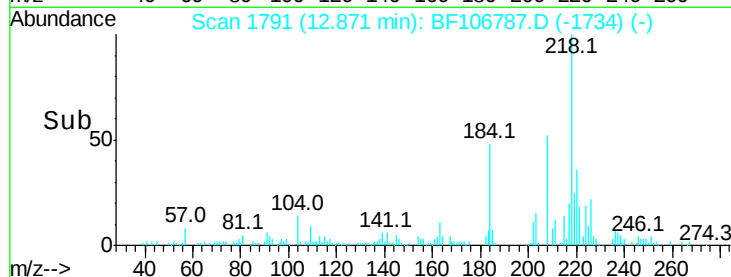
Sohil



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



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#77

Pyrene

Concen: 679.781 ng m

RT: 13.01 min Scan# 1814

Delta R.T. 0.06 min

Lab File: BF106787.D

Acq: 25 Jun 2018 22:21

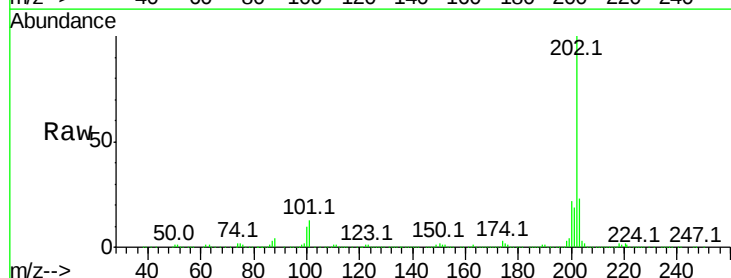
Tgt Ion:202 Resp: 2572747

Ion Ratio Lower Upper

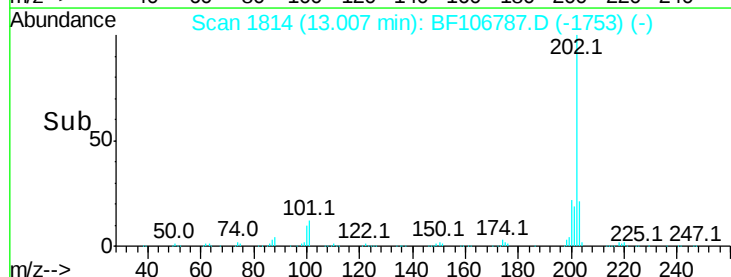
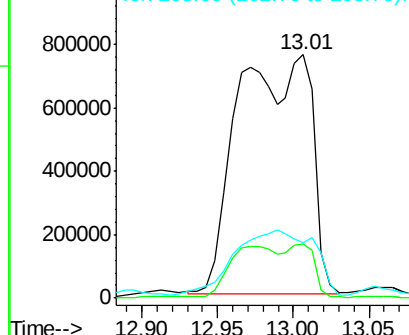
202 100

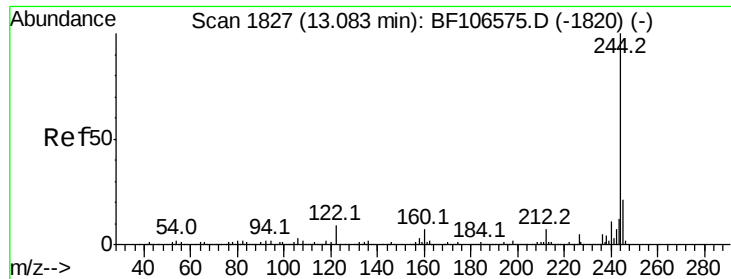
200 22.4 17.4 26.2

203 22.8 14.3 21.5#



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





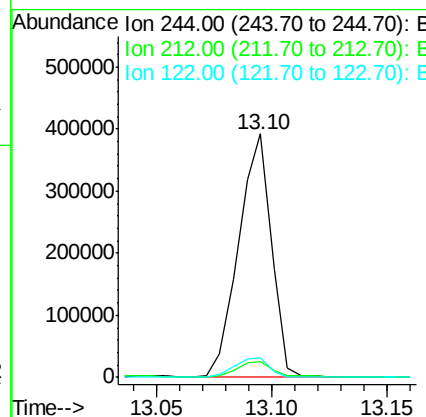
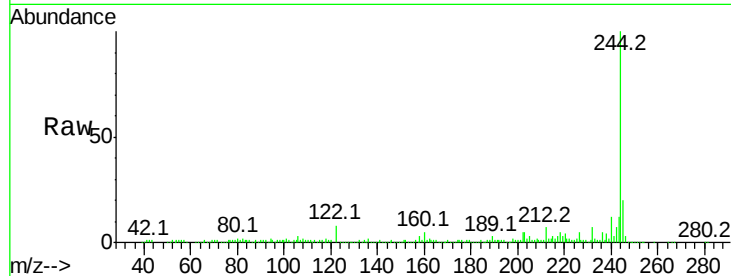
#78
 Terphenyl-d14
 Concen: 163.599 ng
 RT: 13.10 min Scan# 1829
 Delta R.T. 0.01 min
 Lab File: BF106787.D
 Acq: 25 Jun 2018 22:21

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-062218-CMS

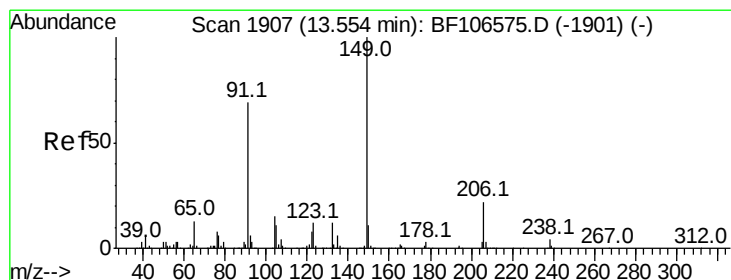
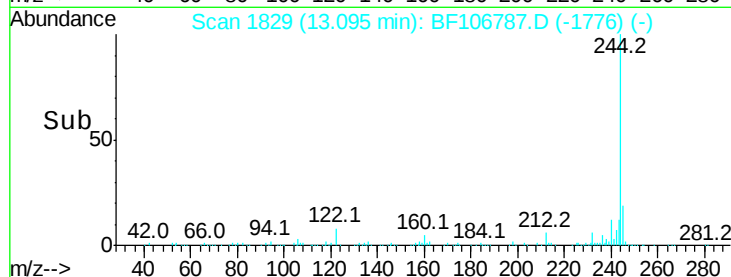
Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	6.5	5.4	8.0
122	7.9	11.0	16.4#

Manual Integrations
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Sohil

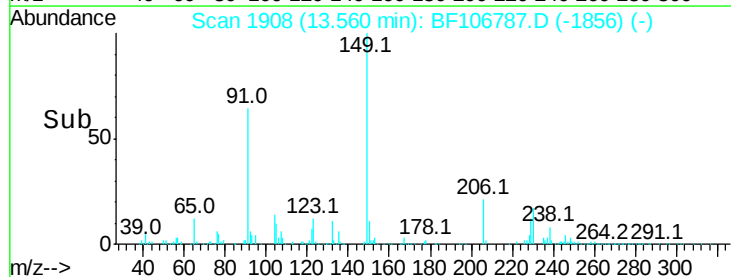
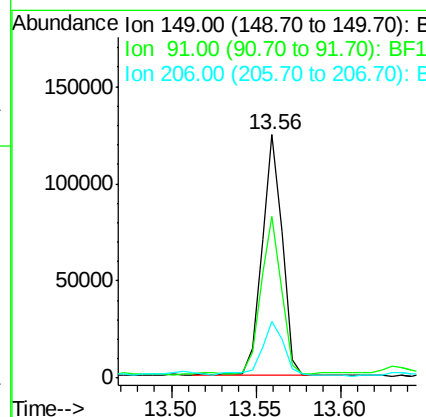
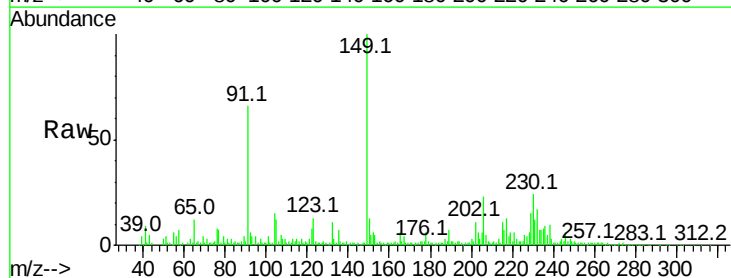


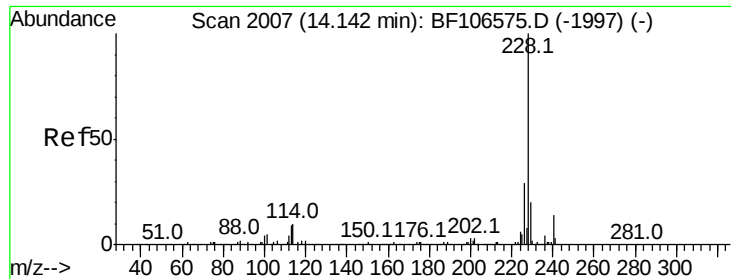
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#79
 Butylbenzylphthalate
 Concen: 66.570 ng
 RT: 13.56 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: BF106787.D
 Acq: 25 Jun 2018 22:21

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	66.2	56.8	85.2
206	23.4	14.1	21.1#





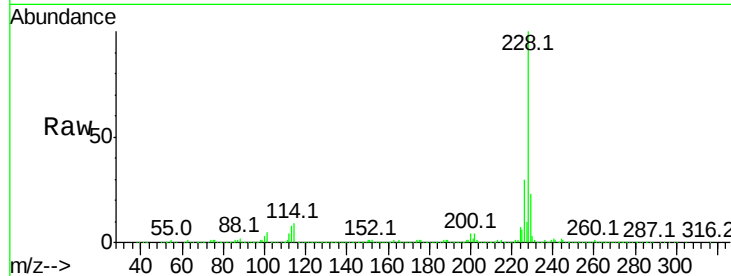
#80
Benzo(a)anthracene
Concen: 621.345 ng
RT: 14.18 min Scan# 2013
Delta R.T. 0.02 min
Lab File: BF106787.D
Acq: 25 Jun 2018 22:21

Instrument :
BNA_F
ClientSampleId :
HR-06-062218-CMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.6	33.8
229	22.9	15.8	23.6

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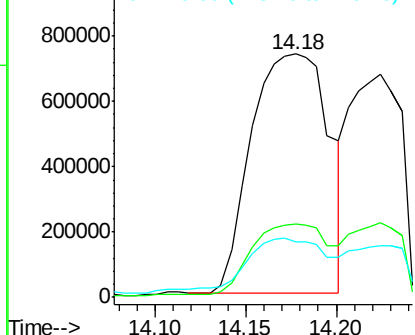


Abundance

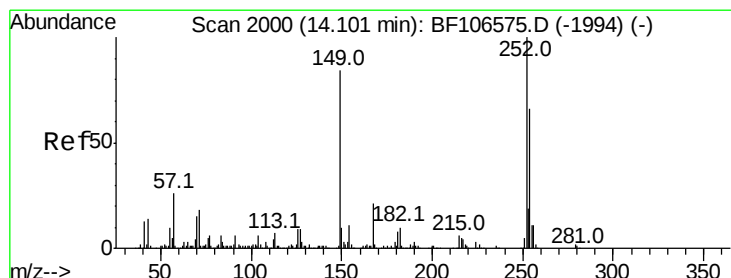
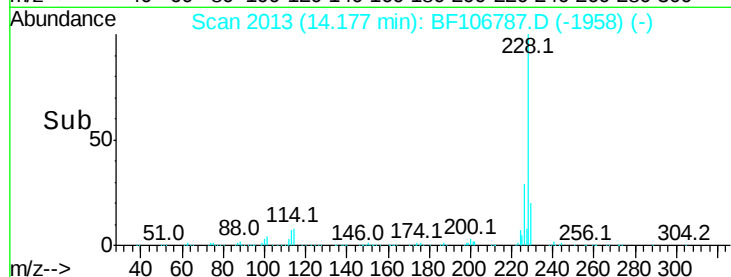
Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

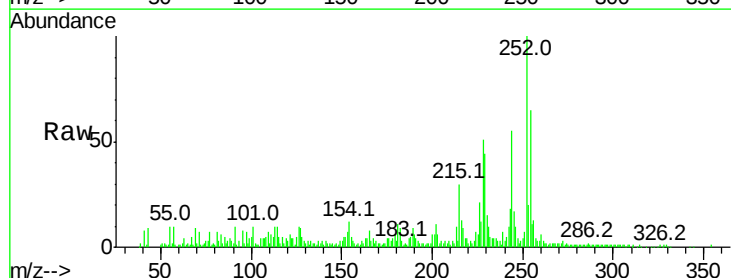


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#81
3,3'-Dichlorobenzidine
Concen: 53.480 ng
RT: 14.14 min Scan# 2006
Delta R.T. 0.02 min
Lab File: BF106787.D
Acq: 25 Jun 2018 22:21

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.2	50.4	75.6
126	9.6	11.3	16.9

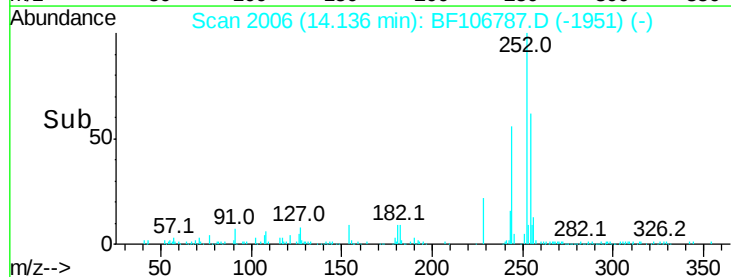
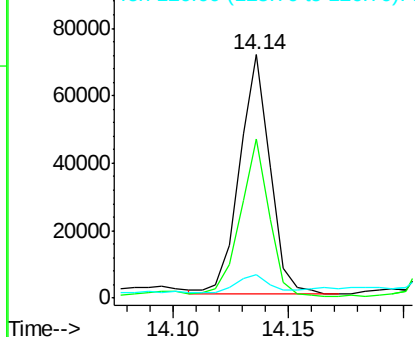


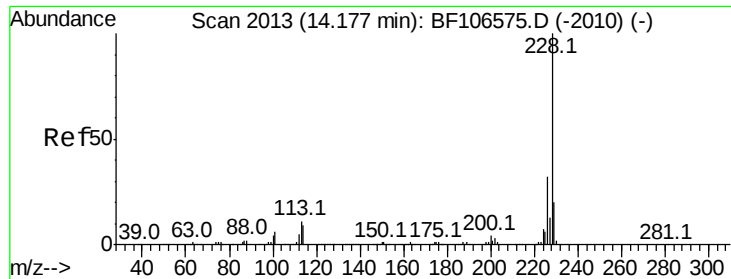
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 409.536 ng

RT: 14.22 min Scan# 2021

Delta R.T. 0.03 min

Lab File: BF106787.D

Acq: 25 Jun 2018 22:21

Instrument :

BNA_F

ClientSampleId :

HR-06-062218-CMS

Tot Ion:228 Resp: 1317918

Ion Ratio Lower Upper

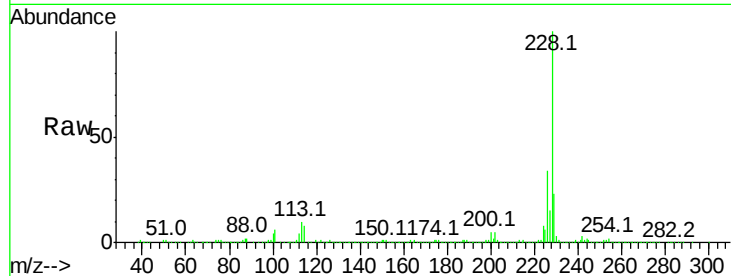
228 100

226 33.6 25.0 37.6

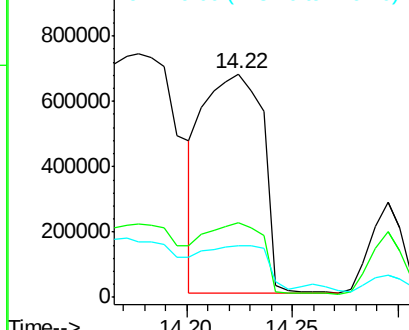
229 23.2 16.2 24.4

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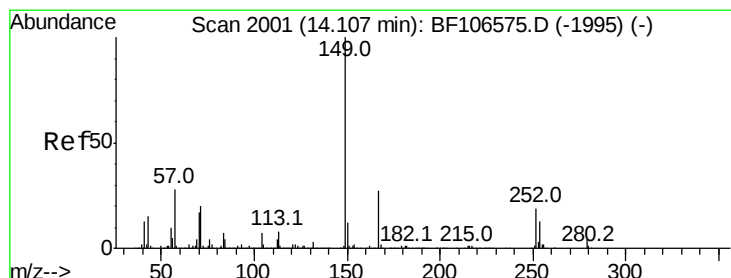
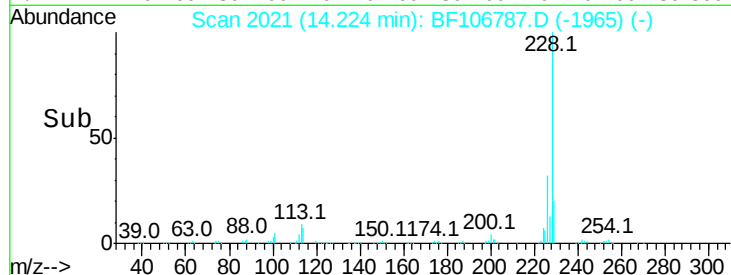
Sohil



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



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#83

Bis(2-ethylhexyl)phthalate

Concen: 72.420 ng

RT: 14.12 min Scan# 2003

Delta R.T. 0.01 min

Lab File: BF106787.D

Acq: 25 Jun 2018 22:21

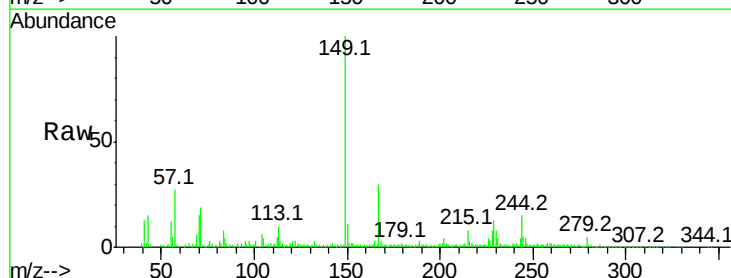
Tgt Ion:149 Resp: 144071

Ion Ratio Lower Upper

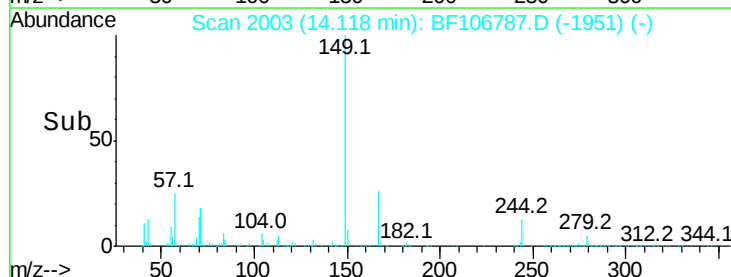
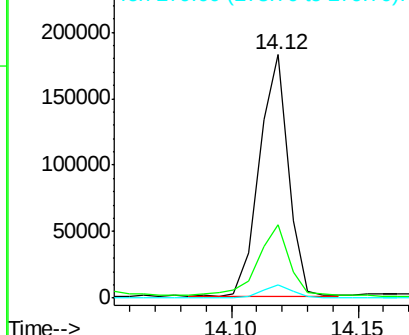
149 100

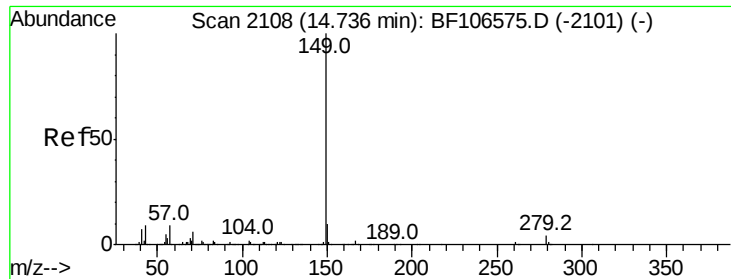
167 30.0 21.3 31.9

279 5.5 3.0 4.4#



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





#84

Di-n-octyl phthalate

Concen: 70.521 ng

RT: 14.74 min Scan# 2109

Delta R.T. -0.02 min

Lab File: BF106787.D

Acq: 25 Jun 2018 22:21

Instrument :

BNA_F

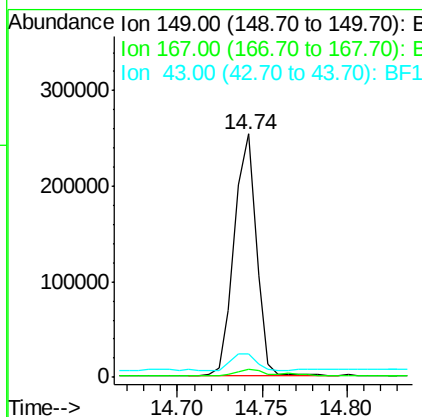
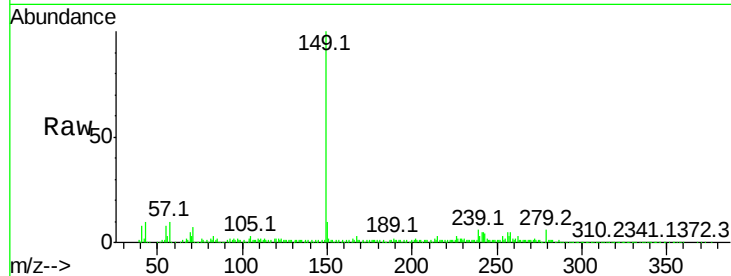
ClientSampleId :

HR-06-062218-CMS

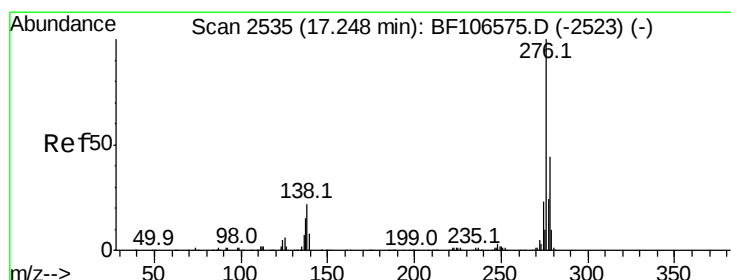
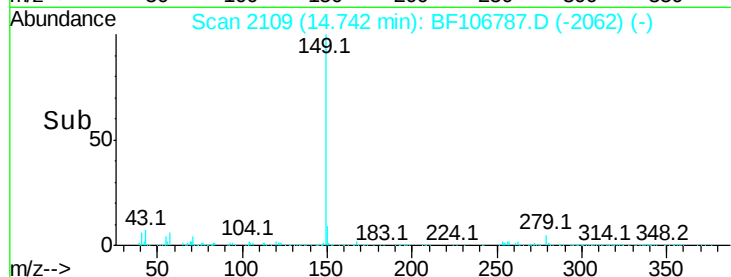
Tot Ion:	149	Resp:	228684
Ion Ratio	Lower	Upper	
149	100		
167	3.0	1.2	1.8#
43	8.0	8.4	12.6#

Manual Integrations
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Sohil



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#85

Indeno(1,2,3-cd)pyrene

Concen: 310.434 ng

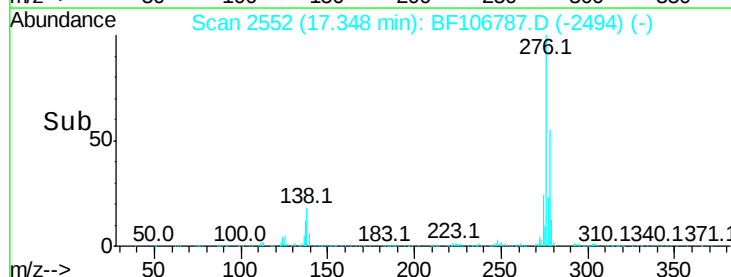
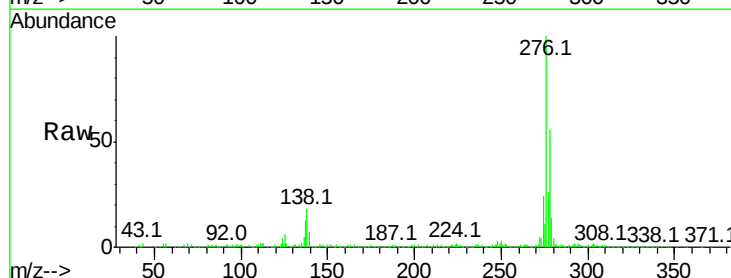
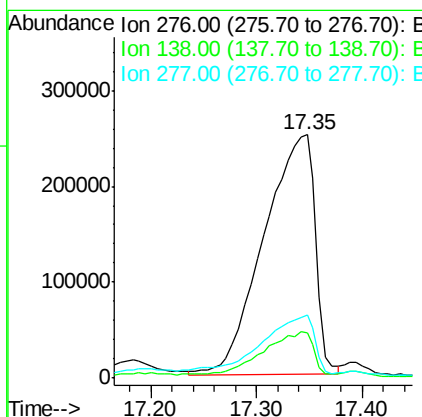
RT: 17.35 min Scan# 2552

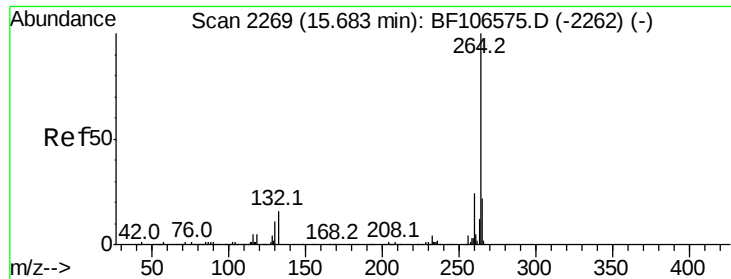
Delta R.T. 0.04 min

Lab File: BF106787.D

Acq: 25 Jun 2018 22:21

Tgt Ion:	276	Resp:	847780
Ion Ratio	Lower	Upper	
276	100		
138	18.3	25.0	37.6#
277	26.4	20.1	30.1





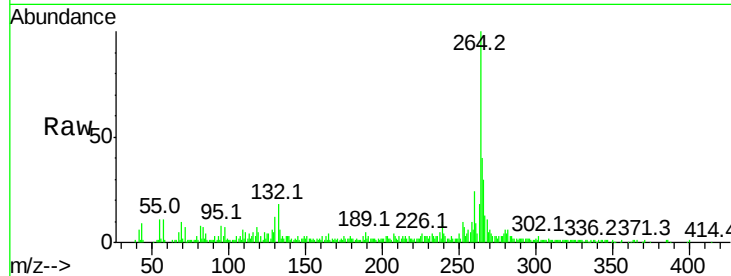
#86
Pervlene-d12
Concen: 20.000 ng m
RT: 15.72 min Scan# 2276
Delta R.T. 0.01 min
Lab File: BF106787.D
Acq: 25 Jun 2018 22:21

Instrument :
BNA_F
ClientSampleId :
HR-06-062218-CMS

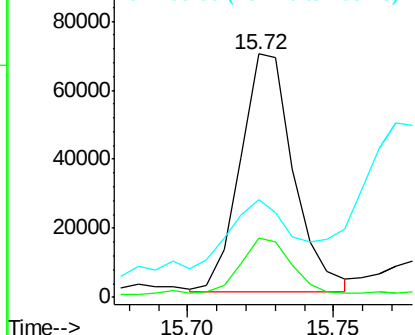
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	40.1	17.5	26.3

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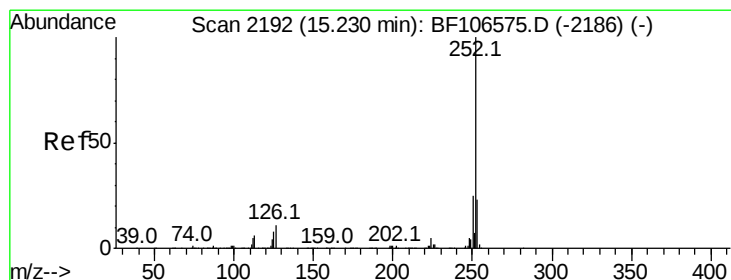
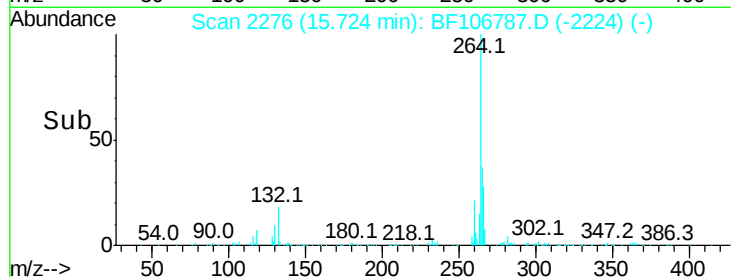
Sohil



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

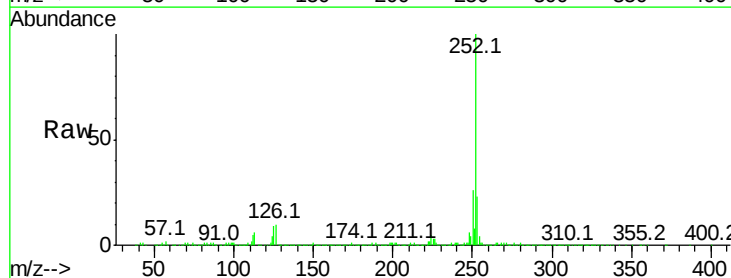


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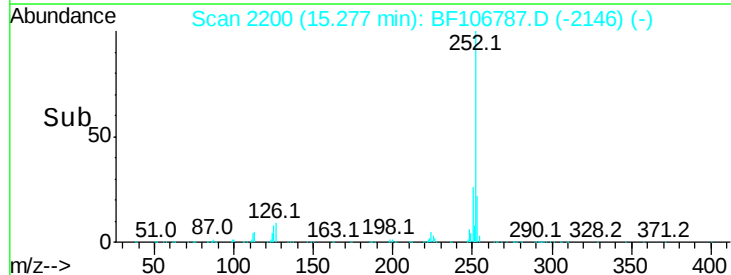
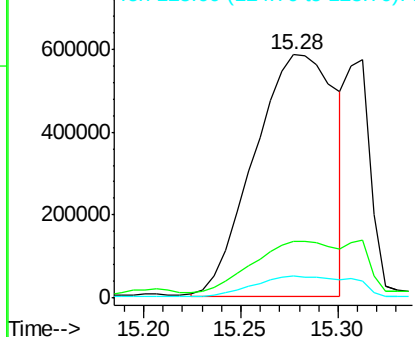


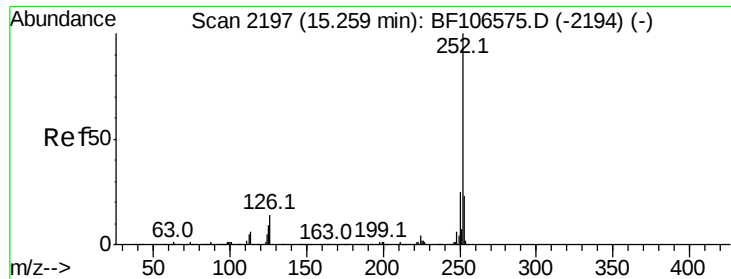
#87
Benzo(b)fluoranthene
Concen: 308.627 ng m
RT: 15.28 min Scan# 2200
Delta R.T. 0.02 min
Lab File: BF106787.D
Acq: 25 Jun 2018 22:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.0	25.6
125	9.0	9.0	13.6



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





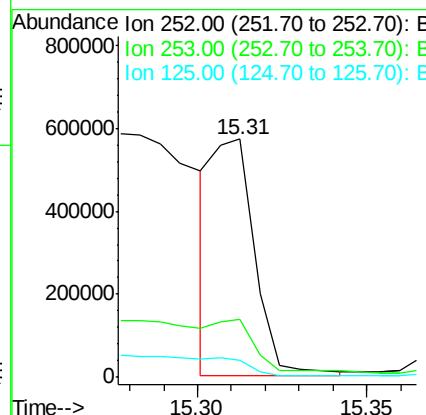
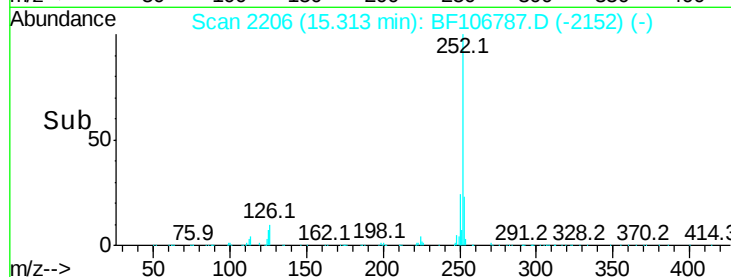
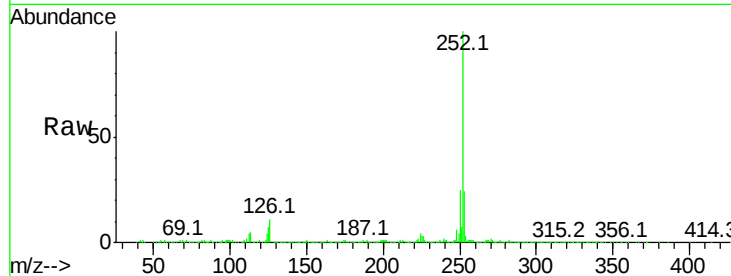
#88
Benzo(k)fluoranthene
Concen: 94.268 ng m
RT: 15.31 min Scan# 2206
Delta R.T. 0.02 min
Lab File: BF106787.D
Acq: 25 Jun 2018 22:21

Instrument :
BNA_F
ClientSampleId :
HR-06-062218-CMS

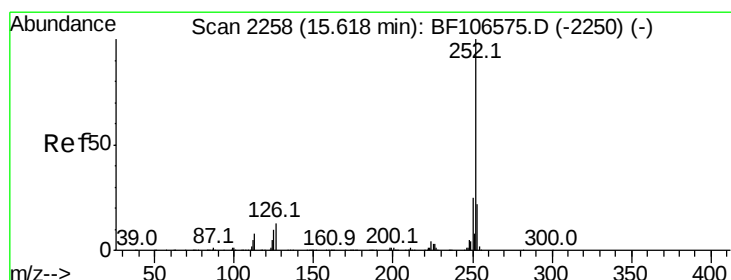
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.9	26.9
125	7.3	10.2	15.2

Manual Integrations
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Sohil

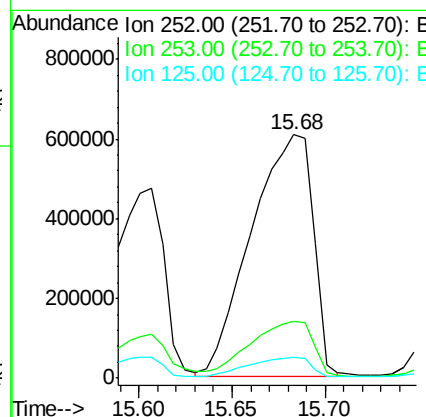
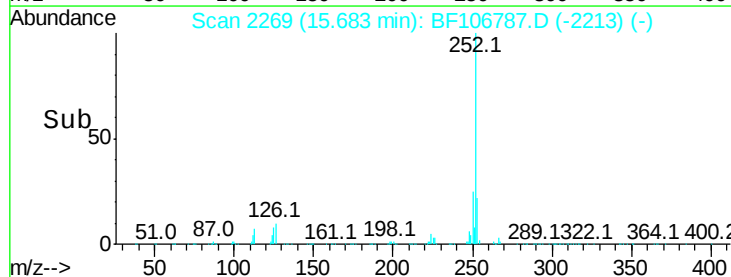
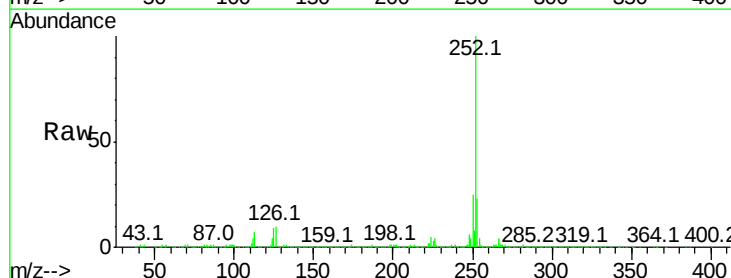


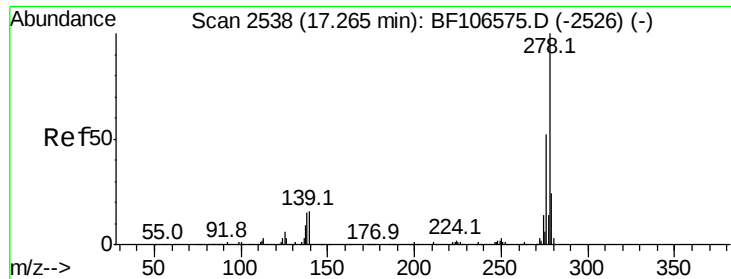
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#89
Benzo(a)pyrene
Concen: 287.664 ng m
RT: 15.68 min Scan# 2269
Delta R.T. 0.03 min
Lab File: BF106787.D
Acq: 25 Jun 2018 22:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	8.6	9.8	14.6





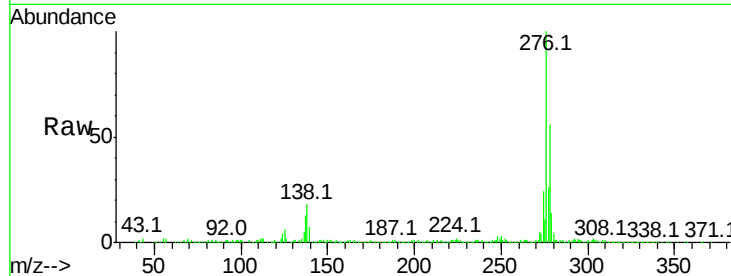
#90
Dibenzo(a,h)anthracene
Concen: 82.507 ng m
RT: 17.35 min Scan# 2552
Delta R.T. 0.02 min
Lab File: BF106787.D
Acq: 25 Jun 2018 22:21

Instrument :
BNA_F
ClientSampleId :
HR-06-062218-CMS

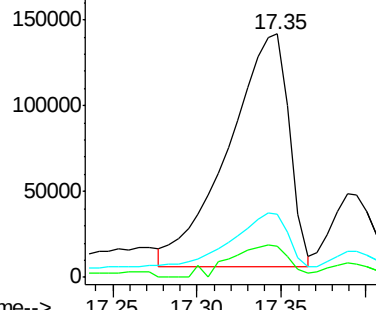
Tot Ion	Ratio	Lower	Upper
278	100		
139	12.7	15.9	23.9#
279	25.7	19.0	28.4

Manual Integrations
APPROVED

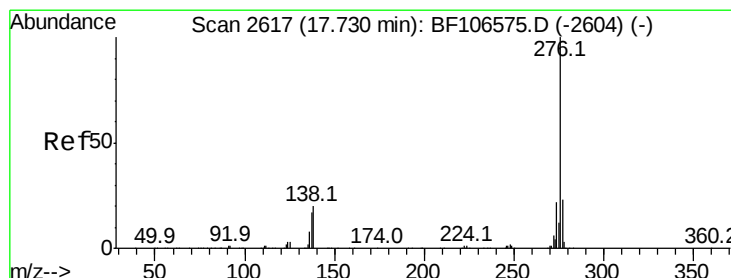
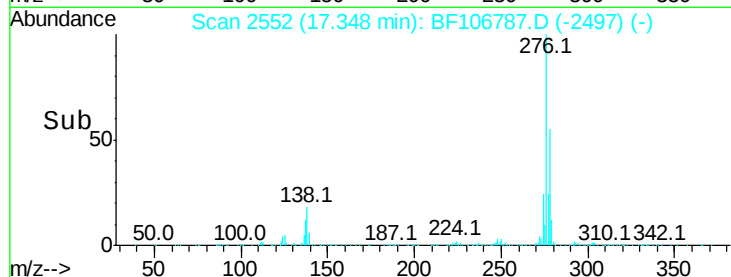
Sohil



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

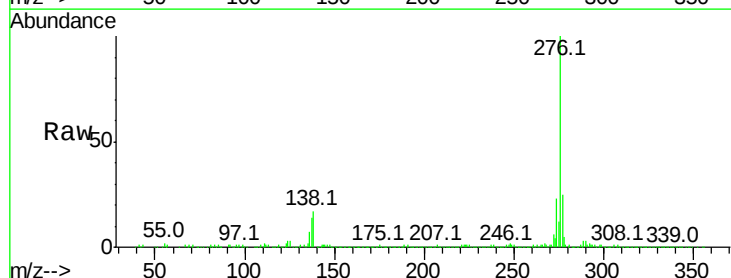


6/27/2018 10:55:44 AM



#91
Benzo(g,h,i)perylene
Concen: 222.138 ng
RT: 17.84 min Scan# 2635
Delta R.T. 0.05 min
Lab File: BF106787.D
Acq: 25 Jun 2018 22:21

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	17.9	26.9
138	17.2	21.8	32.8#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

