

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
 Data File : BF110468.D
 Acq On : 5 Nov 2018 16:43
 Operator : JU/SJ
 Sample : J5812-09MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP2-AMSD

Manual Integrations
 APPROVED

Sohil
 11/6/2018 9:00:57 AM

Quant Time: Nov 06 04:05:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	97024	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	411032	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	203714	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	373707	20.00	ng	0.00
76) Chrysene-d12	14.14	240	217550	20.00	ng	0.00
87) Perylene-d12	15.66	264	173552	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	706729	118.62	ng	0.01
7) Phenol-d6	6.59	99	916601	120.28	ng	0.00
23) Nitrobenzene-d5	7.52	82	576539	83.20	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	240193	119.03	ng	0.00
45) 2-Fluorobiphenyl	9.32	172	996808	76.84	ng	0.00
79) Terphenyl-d14	13.07	244	942406	90.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.86	88	75864	24.303	ng	89
3) Pyridine	3.65	79	213948	30.772	ng	# 85
4) n-Nitrosodimethylamine	3.60	42	111967	38.438	ng	90
6) Aniline	6.62	93	287622	28.973	ng	# 53
8) 2-Chlorophenol	6.75	128	255096	37.137	ng	99
9) Benzaldehyde	6.51	77	151176	32.342	ng	96
10) Phenol	6.60	94	365752	44.899	ng	# 68
11) bis(2-Chloroethyl)ether	6.69	93	229119	34.187	ng	97
12) 1,3-Dichlorobenzene	6.90	146	259591	34.340	ng	96
13) 1,4-Dichlorobenzene	6.97	146	263431	34.456	ng	98
14) 1,2-Dichlorobenzene	7.13	146	250349	35.274	ng	99
15) Benzyl Alcohol	7.10	79	224785	38.351	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.22	45	371906	34.707	ng	70
17) 2-Methylphenol	7.20	107	210764	38.500	ng	# 81
18) Hexachloroethane	7.46	117	99136	35.418	ng	95
19) n-Nitroso-di-n-propylamine	7.36	70	175496	35.896	ng	96
20) 3+4-Methylphenols	7.36	107	268203	37.901	ng	90
22) Acetophenone	7.36	105	356912	37.684	ng	# 92
24) Nitrobenzene	7.54	77	263951	36.893	ng	97
25) Isophorone	7.77	82	491944	41.645	ng	97
26) 2-Nitrophenol	7.86	139	136247	40.018	ng	94
27) 2,4-Dimethylphenol	7.89	122	236094	41.826	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	306850	38.238	ng	99
29) 2,4-Dichlorophenol	8.10	162	221453	38.833	ng	98
30) 1,2,4-Trichlorobenzene	8.18	180	226181	35.409	ng	97
31) Naphthalene	8.26	128	736375	38.871	ng	99
32) Benzoic acid	7.95	122	7538m	1.728	ng	
33) 4-Chloroaniline	8.31	127	182350	21.388	ng	99
34) Hexachlorobutadiene	8.37	225	123885	34.929	ng	98
35) Caprolactam	8.68	113	65617m	33.012	ng	
36) 4-Chloro-3-methylphenol	8.79	107	241879	39.223	ng	96
37) 2-Methylnaphthalene	8.95	142	519845	41.475	ng	98
38) 1-Methylnaphthalene	9.05	142	484566	40.006	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	220368	34.718	ng	98

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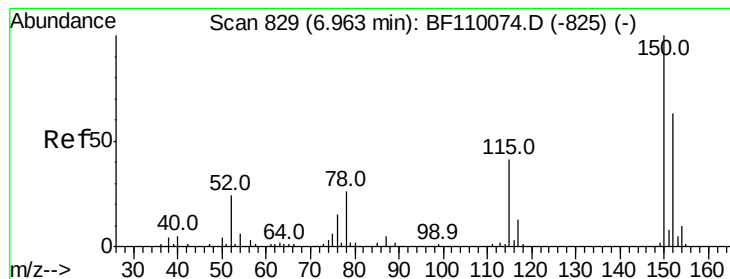
Manual Integrations
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Sohil
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	196552	60.559	nq	98
43) 2,4,6-Trichlorophenol	9.23	196	150791	36.833	nq	94
44) 2,4,5-Trichlorophenol	9.27	196	158916	36.723	nq	93
46) 1,1'-Biphenyl	9.42	154	629645	34.179	nq	99
47) 2-Chloronaphthalene	9.45	162	480290	35.543	nq	100
48) 2-Nitroaniline	9.55	65	156259	38.160	nq	92
49) Acenaphthylene	9.86	152	747691	38.309	nq	99
50) Dimethylphthalate	9.72	163	736940	49.006	nq	100
51) 2,6-Dinitrotoluene	9.79	165	127604	39.394	nq	87
52) Acenaphthene	10.03	154	447295	34.643	nq	98
53) 3-Nitroaniline	9.96	138	108444	28.153	nq	91
54) 2,4-Dinitrophenol	10.07	184	34174	30.038	nq	87
55) Dibenzofuran	10.20	168	658216	36.411	nq	99
56) 4-Nitrophenol	10.13	139	260330	91.314	nq	90
57) 2,4-Dinitrotoluene	10.19	165	165800	40.298	nq	92
58) Fluorene	10.55	166	532430	39.574	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	133030	37.715	nq	94
60) Diethylphthalate	10.41	149	554081	37.746	nq	99
61) 4-Chlorophenyl-phenylether	10.53	204	250973	35.361	nq	97
62) 4-Nitroaniline	10.57	138	137492	35.888	nq	96
63) Azobenzene	10.70	77	535775	36.771	nq	97
65) 4,6-Dinitro-2-methylphenol	10.60	198	52173	30.558	nq	91
66) n-Nitrosodiphenylamine	10.66	169	468142	38.192	nq	97
67) 4-Bromophenyl-phenylether	11.03	248	149657	36.919	nq	94
68) Hexachlorobenzene	11.10	284	155096	36.060	nq	# 91
69) Atrazine	11.18	200	150313	38.804	nq	99
70) Pentachlorophenol	11.29	266	130587	52.069	nq	97
71) Phenanthrene	11.52	178	760868	38.911	nq	99
72) Anthracene	11.57	178	785306	40.067	nq	100
73) Carbazole	11.72	167	677948	35.426	nq	99
74) Di-n-butylphthalate	12.03	149	843030	39.005	nq	99
75) Fluoranthene	12.71	202	731325	36.852	nq	99
77) Benzidine	12.83	184	329970	Below	Cal	96
78) Pyrene	12.94	202	705708	45.248	nq	99
80) Butylbenzylphthalate	13.54	149	312230	46.123	nq	93
81) Benzo(a)anthracene	14.13	228	503187	39.003	nq	99
82) 3,3'-Dichlorobenzidine	14.08	252	115363	25.680	nq	99
83) Chrysene	14.16	228	462099	37.711	nq	99
84) Bis(2-ethylhexyl)phthalate	14.09	149	407277	44.506	nq	96
85) Di-n-octyl phthalate	14.70	149	570027	40.060	nq	99
86) Indeno(1,2,3-cd)pyrene	17.23	276	456264	44.884	nq	97
88) Benzo(b)fluoranthene	15.20	252	408212	40.732	nq	99
89) Benzo(k)fluoranthene	15.24	252	367787	37.329	nq	98
90) Benzo(a)pyrene	15.60	252	376621	40.840	nq	98
91) Dibenzo(a,h)anthracene	17.24	278	378183	47.528	nq	99
92) Benzo(g,h,i)perylene	17.71	276	378472	48.268	nq	97

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



#1

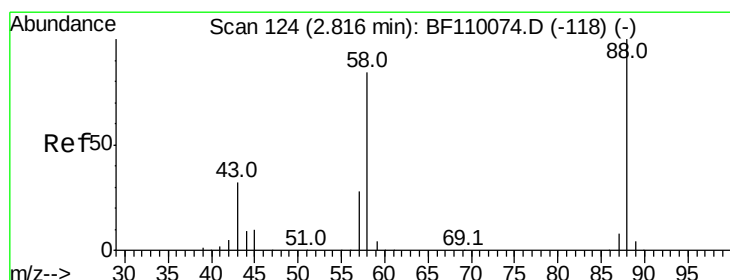
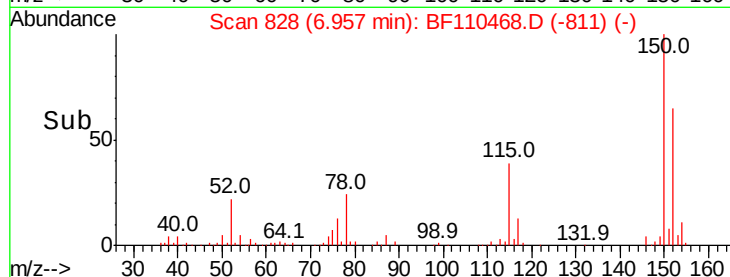
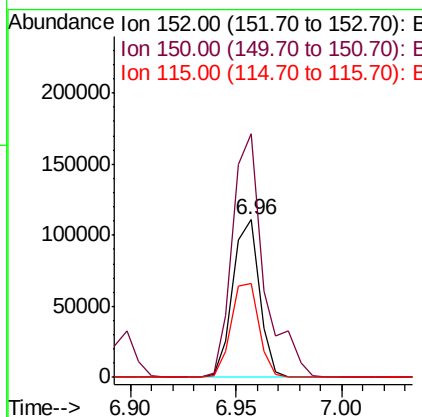
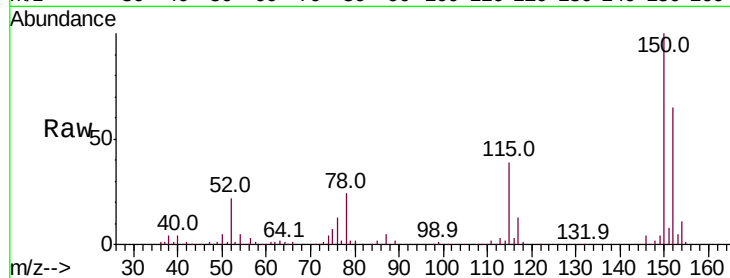
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110468.D
Acq: 5 Nov 2018 16:43

Instrument :
BNA_F
ClientSampleId :
TP2-AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	122.7	184.1
115	59.9	49.1	73.7

Manual Integrations
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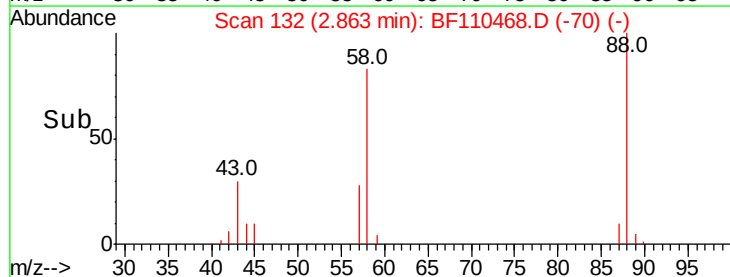
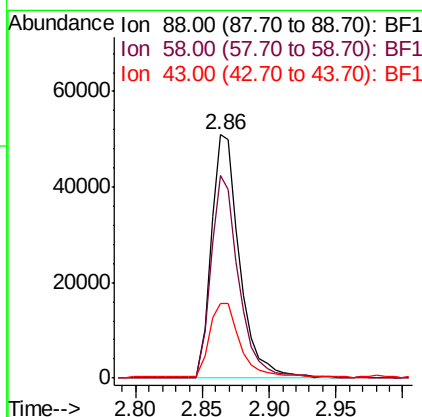
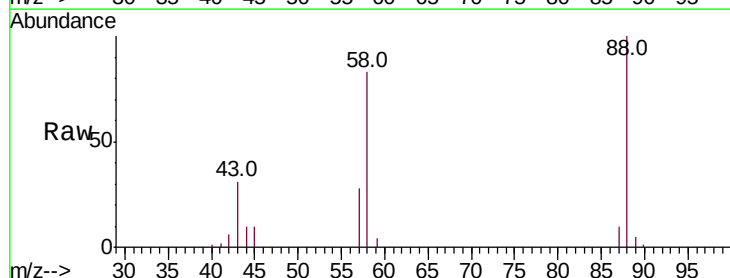
Sohil
11/6/2018 9:00:57 AM

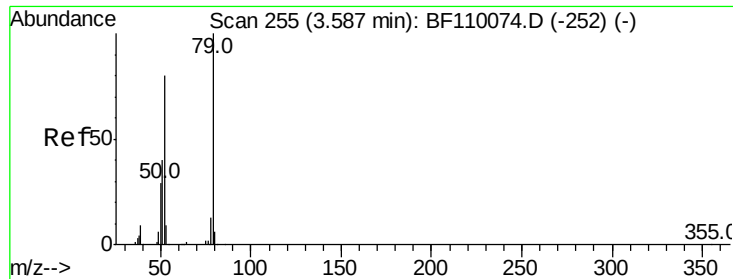


#2

1,4-Dioxane
Concen: 24.303 ng
RT: 2.86 min Scan# 132
Delta R.T. 0.06 min
Lab File: BF110468.D
Acq: 5 Nov 2018 16:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.6	57.1	85.7
43	34.4	24.1	36.1





#3

Pvridine

Concen: 30.772 ng

RT: 3.65 min Scan# 265

Delta R.T. 0.06 min

Lab File: BF110468.D

Acq: 5 Nov 2018 16:43

Instrument :

BNA_F

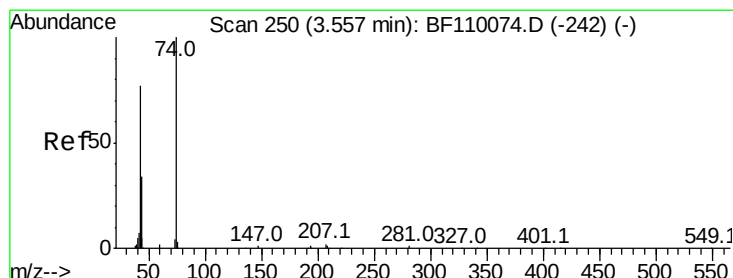
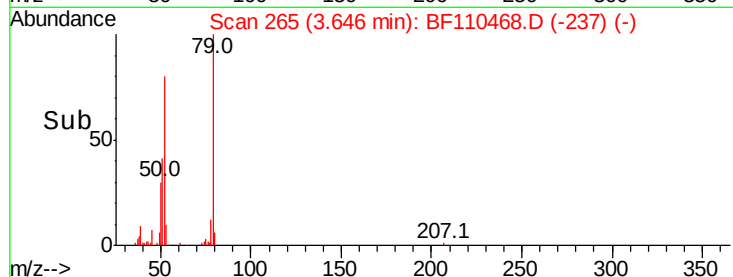
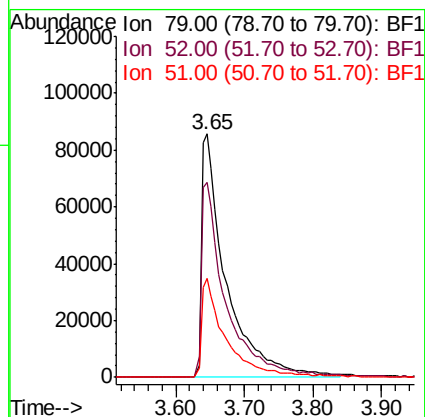
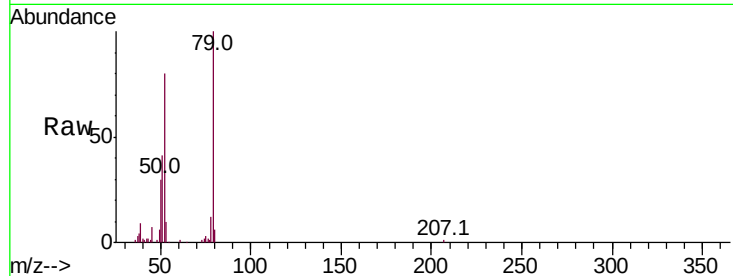
ClientSampleId :

TP2-AMSD

Tot Ion:	79	Resp:	213948
Ion Ratio	Lower	Upper	
79	100		
52	80.3	53.1	79.7#
51	40.6	27.4	41.2

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 38.438 ng

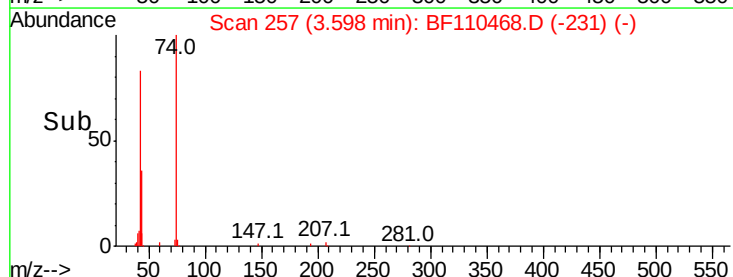
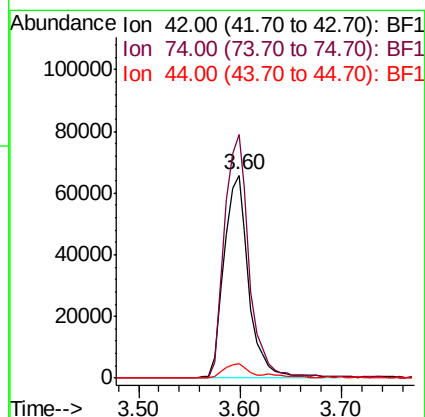
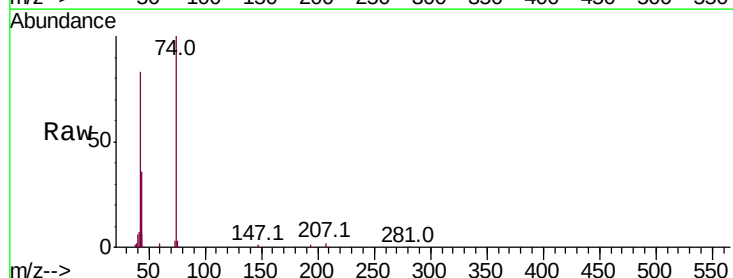
RT: 3.60 min Scan# 257

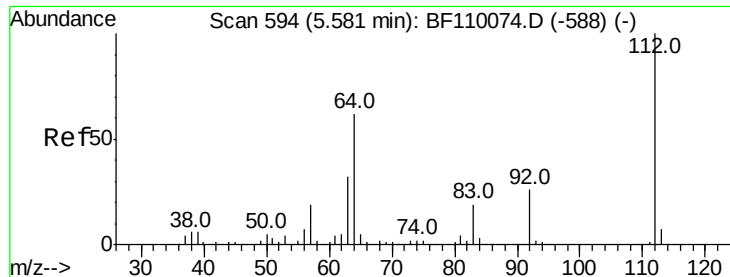
Delta R.T. 0.05 min

Lab File: BF110468.D

Acq: 5 Nov 2018 16:43

Tgt Ion:	42	Resp:	111967
Ion Ratio	Lower	Upper	
42	100		
74	120.1	105.5	158.3
44	6.9	4.9	7.3





#5

2-Fluorophenol

Concen: 118.617 ng

RT: 5.59 min Scan# 595

Delta R.T. 0.01 min

Lab File: BF110468.D

Acq: 5 Nov 2018 16:43

Instrument :

BNA_F

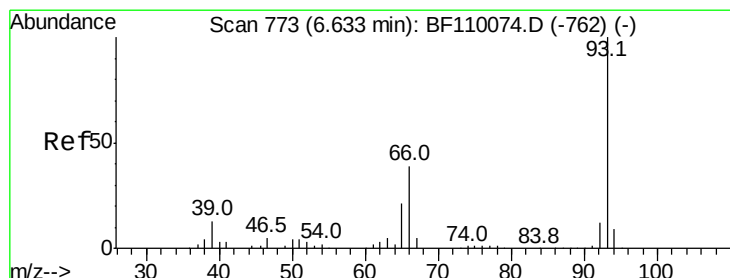
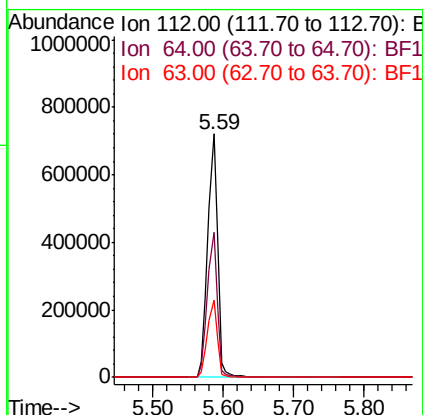
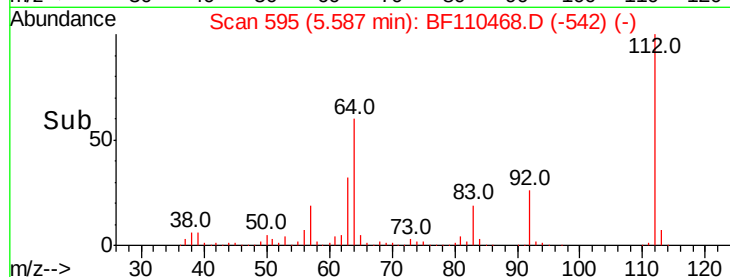
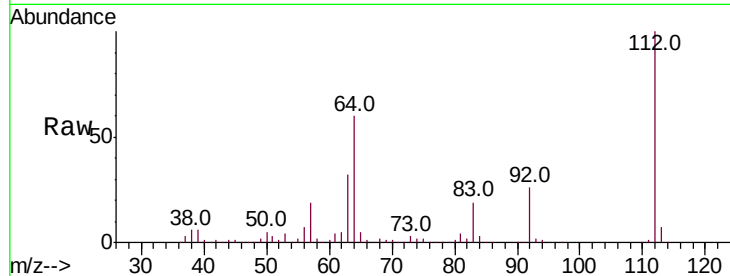
ClientSampled :

TP2-AMSD

Tot Ion:	112	Resp:	706729
Ion Ratio	Lower	Upper	
112	100		
64	59.8	44.1	66.1
63	31.6	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 28.973 ng

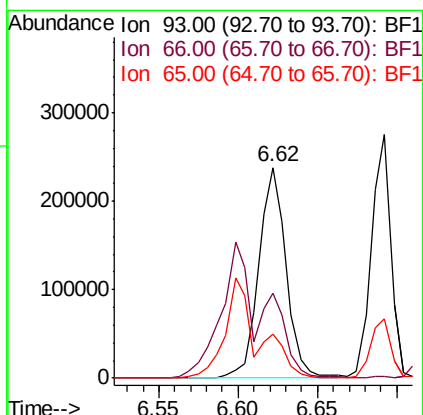
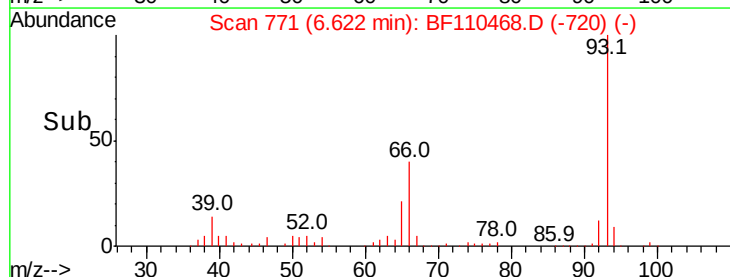
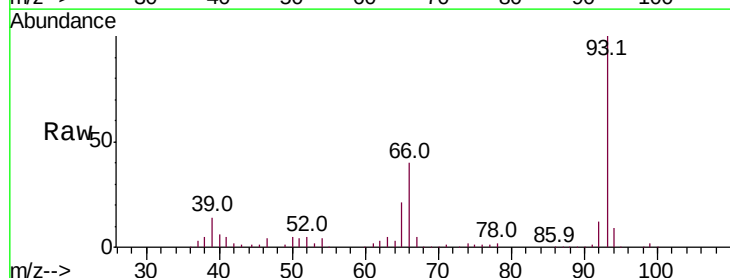
RT: 6.62 min Scan# 771

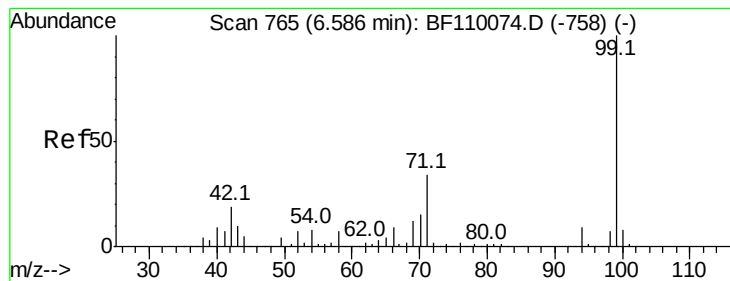
Delta R.T. 0.00 min

Lab File: BF110468.D

Acq: 5 Nov 2018 16:43

Tgt Ion:	93	Resp:	287622
Ion Ratio	Lower	Upper	
93	100		
66	40.0	67.4	101.0#
65	21.1	41.0	61.4#





#7

Phenol-d6

Concen: 120.276 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF110468.D

Acq: 5 Nov 2018 16:43

Instrument :

BNA_F

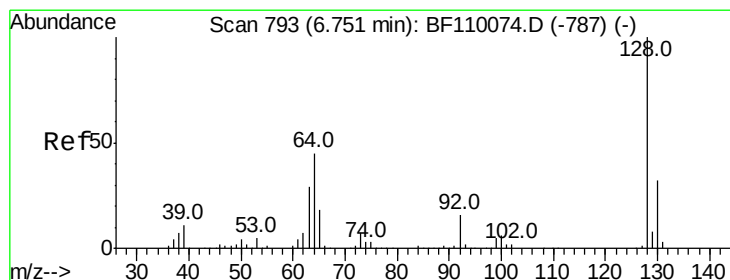
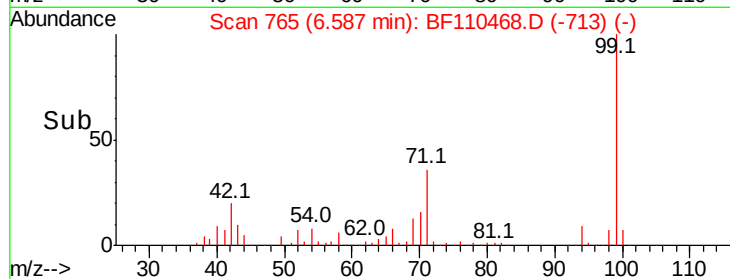
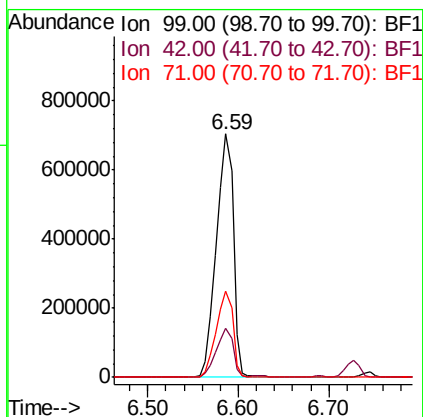
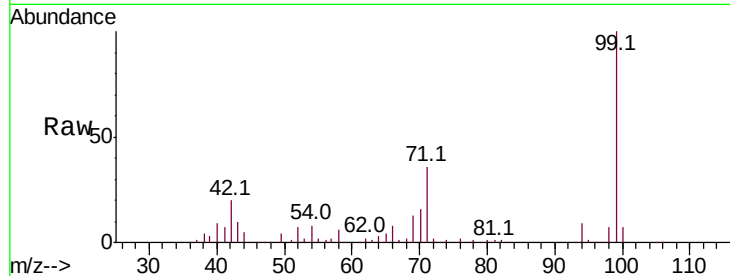
ClientSampleId :

TP2-AMSD

Tot Ion:	99	Resp:	916601
Ion Ratio	Lower	Upper	
99	100		
42	20.0	15.8	23.6
71	35.5	28.0	42.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 37.137 ng

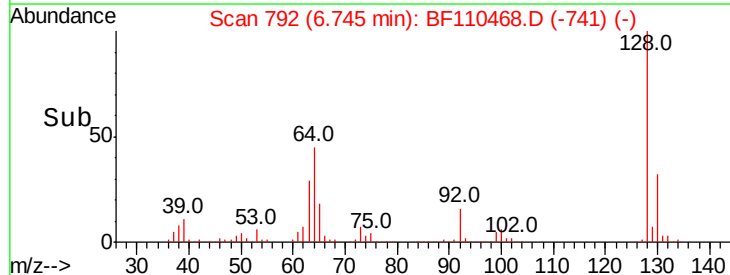
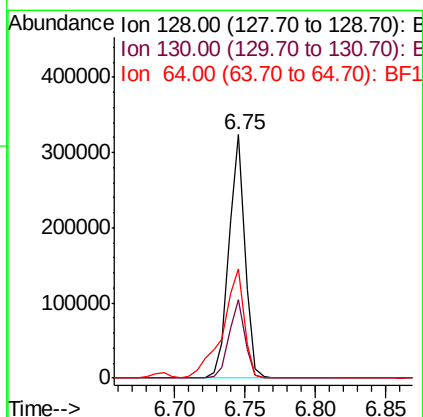
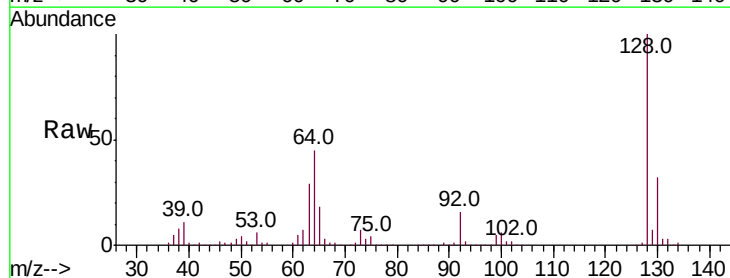
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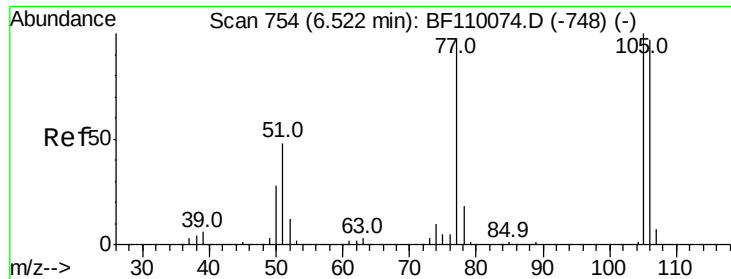
Delta R.T. 0.00 min

Lab File: BF110468.D

Acq: 5 Nov 2018 16:43

Tgt Ion:	128	Resp:	255096
Ion Ratio	Lower	Upper	
128	100		
130	32.2	13.1	53.1
64	45.1	26.0	66.0





#9

Benzaldehyde

Concen: 32.342 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF110468.D

Acq: 5 Nov 2018 16:43

Instrument :

BNA_F

ClientSampled :

TP2-AMSD

Tot Ion: 77 Resp: 151176

Ion Ratio Lower Upper

77 100

105 103.2 78.6 118.6

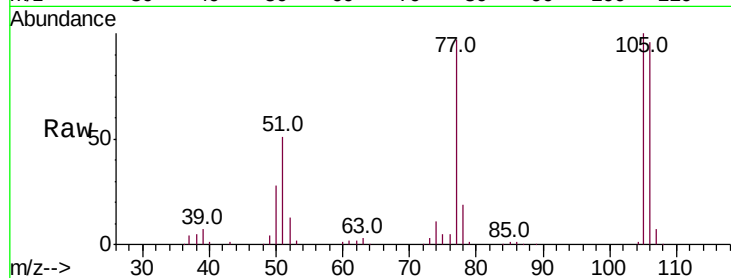
106 98.6 74.8 114.8

Manual Integrations

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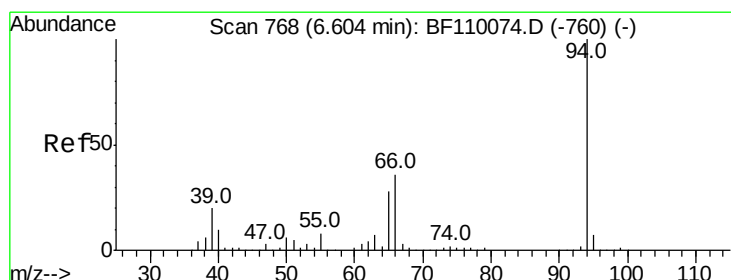
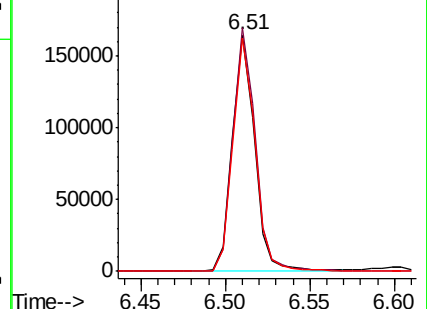
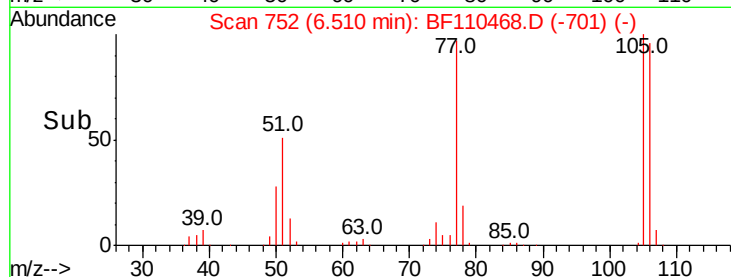
11/6/2018 9:00:57 AM



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



#10

Phenol

Concen: 44.899 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF110468.D

Acq: 5 Nov 2018 16:43

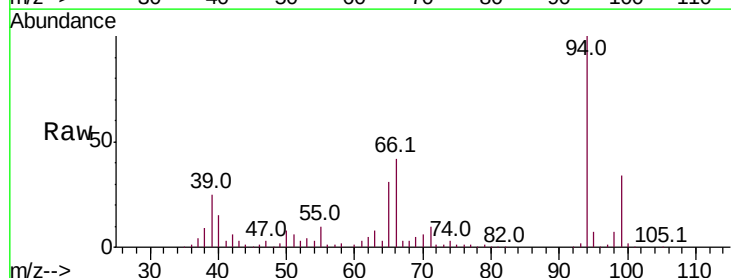
Tgt Ion: 94 Resp: 365752

Ion Ratio Lower Upper

94 100

65 31.1 25.3 65.3

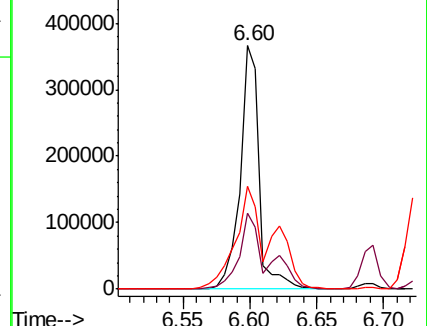
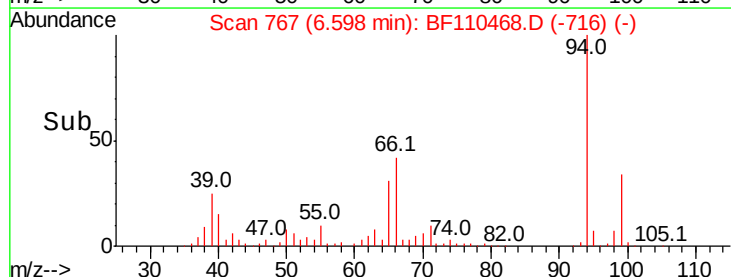
66 42.2 54.5 94.5#

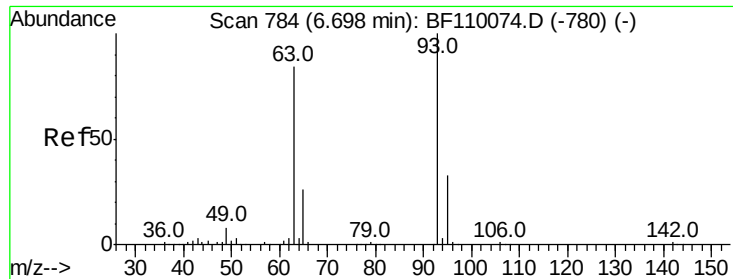


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 34.187 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF110468.D

Acq: 5 Nov 2018 16:43

Instrument :

BNA_F

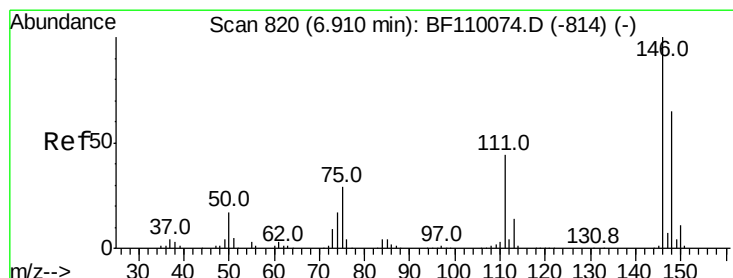
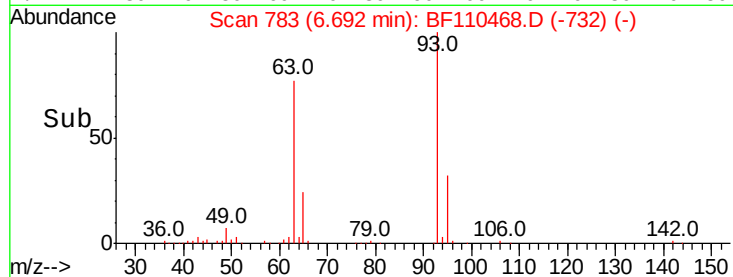
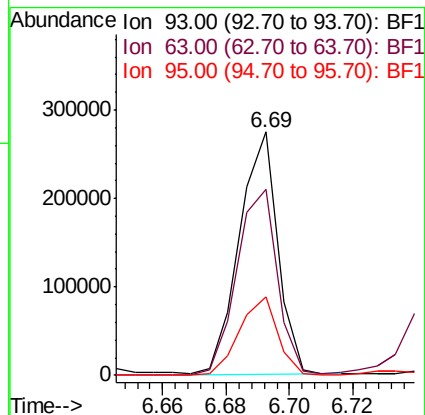
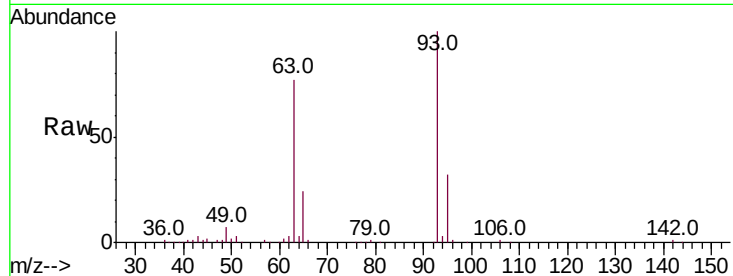
ClientSampleId :

TP2-AMSD

Tot Ion	93	Resp	229119
Ion Ratio	Lower	Upper	
93	100		
63	76.6	53.4	93.4
95	32.1	12.1	52.1

Manual Integrations
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Sohil
11/6/2018 9:00:57 AM



#12

1,3-Dichlorobenzene

Concen: 34.340 ng

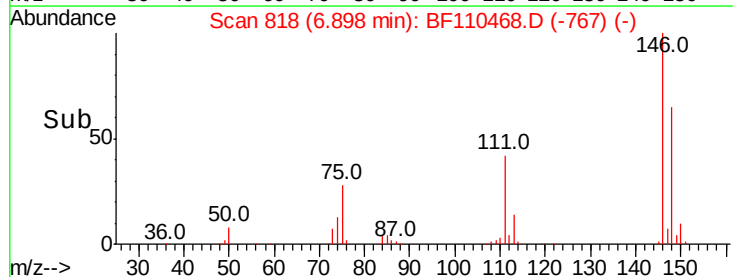
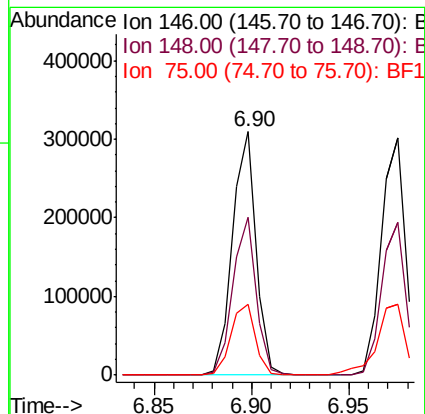
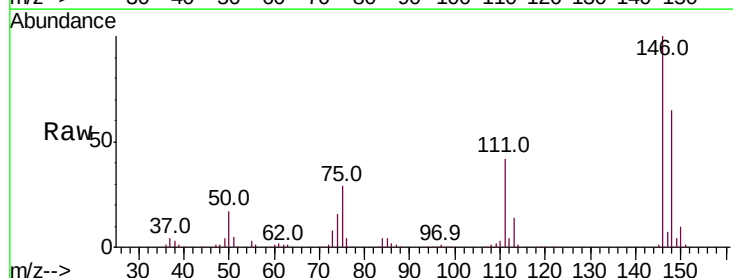
RT: 6.90 min Scan# 818

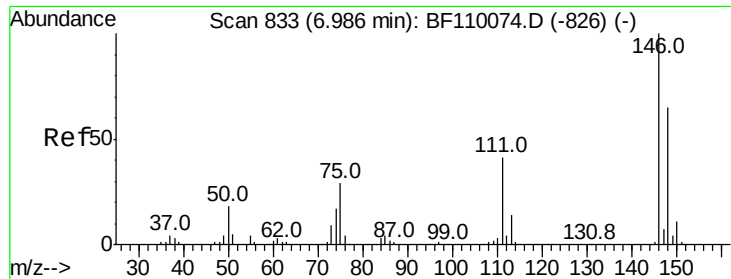
Delta R.T. 0.00 min

Lab File: BF110468.D

Acq: 5 Nov 2018 16:43

Tgt Ion	146	Resp	259591
Ion Ratio	Lower	Upper	
146	100		
148	65.0	50.4	75.6
75	29.2	25.8	38.6





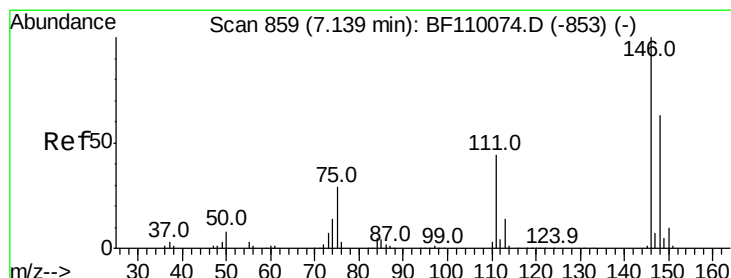
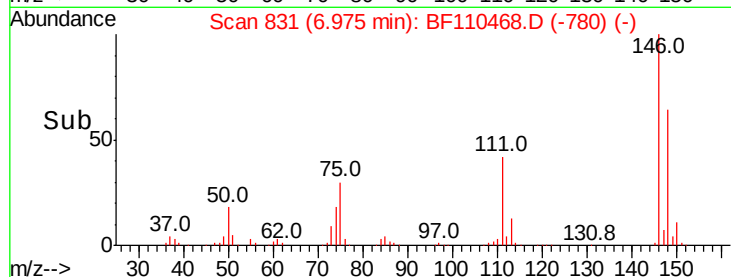
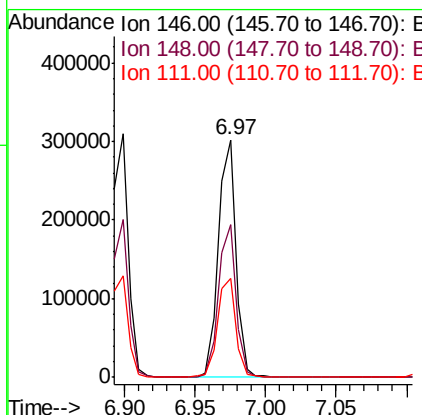
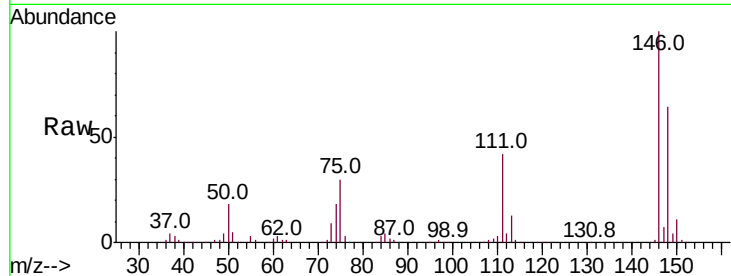
#13
 1,4-Dichlorobenzene
 Concen: 34.456 ng
 RT: 6.97 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF110468.D
 Acq: 5 Nov 2018 16:43

Instrument :
 BNA_F
 ClientSampleId :
 TP2-AMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.3	75.5
111	41.7	32.7	49.1

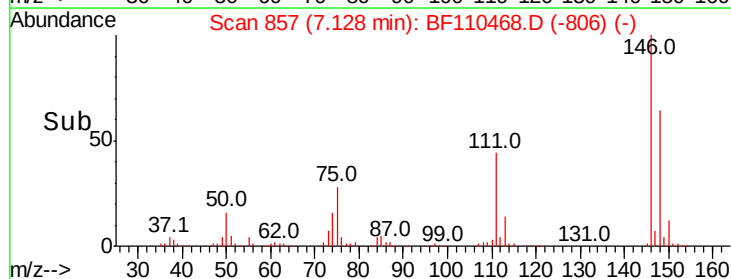
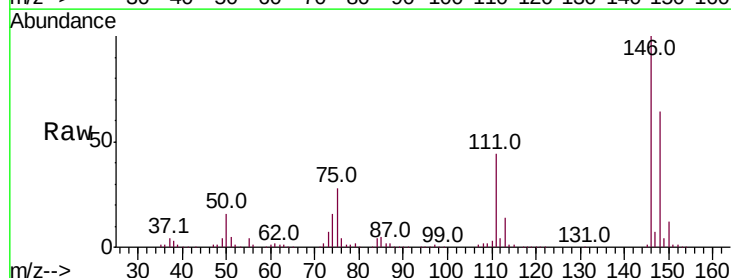
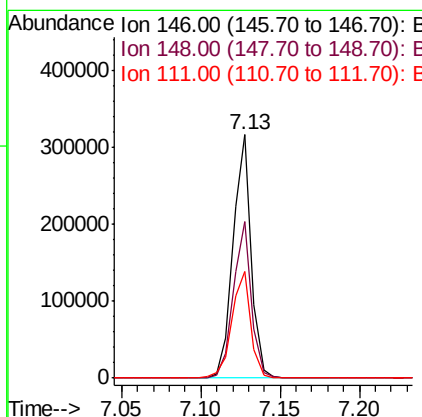
Manual Integrations
 APPROVED

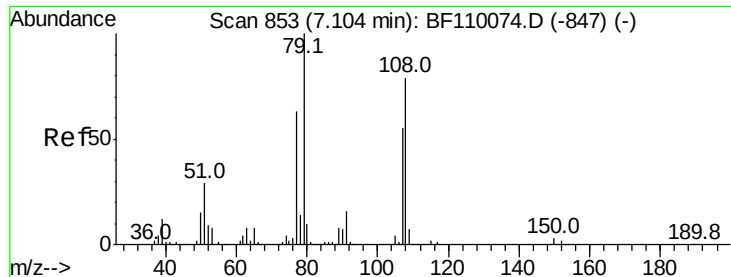
Sohil
 11/6/2018 9:00:57 AM



#14
 1,2-Dichlorobenzene
 Concen: 35.274 ng
 RT: 7.13 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF110468.D
 Acq: 5 Nov 2018 16:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.1	76.7
111	44.0	35.8	53.6





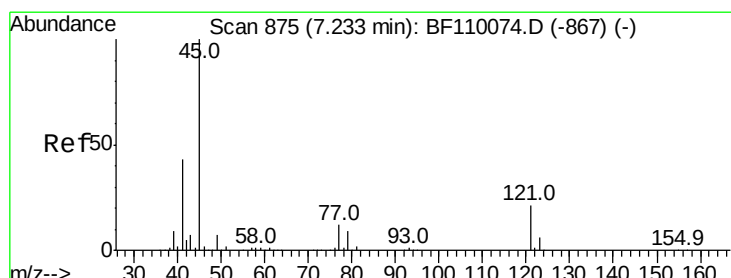
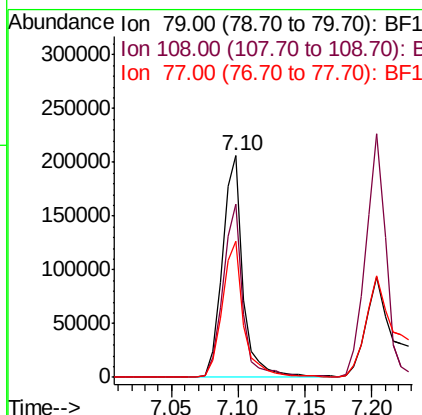
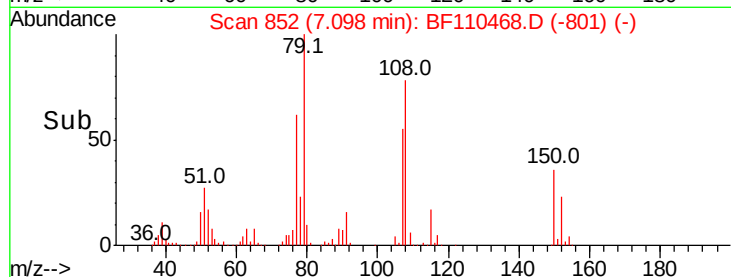
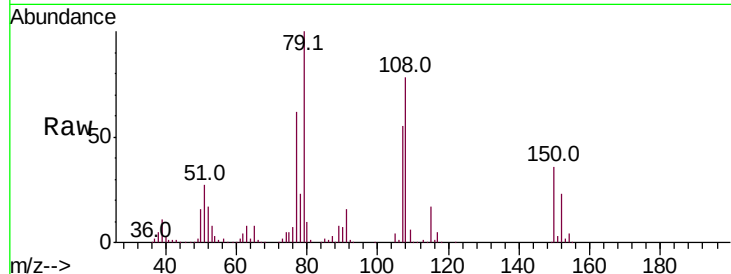
#15
Benzyl Alcohol
Concen: 38.351 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF110468.D
Acq: 5 Nov 2018 16:43

Instrument :
BNA_F
ClientSampled :
TP2-AMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.1	56.3	84.5
77	61.5	52.9	79.3

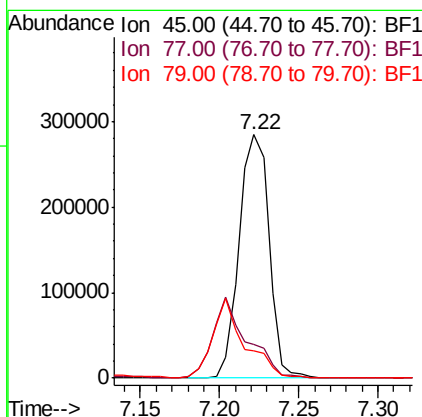
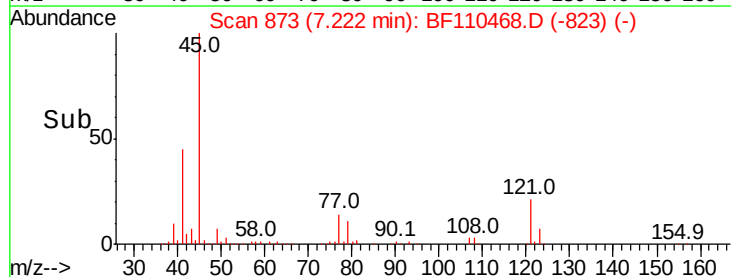
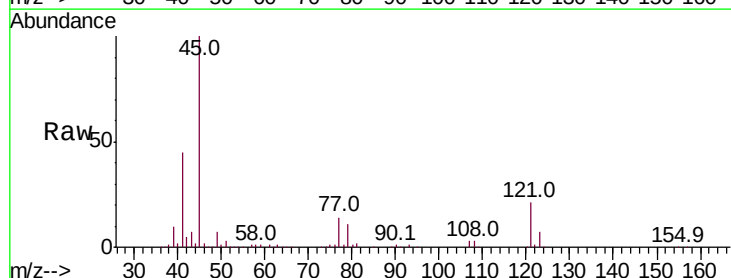
Manual Integrations
APPROVED

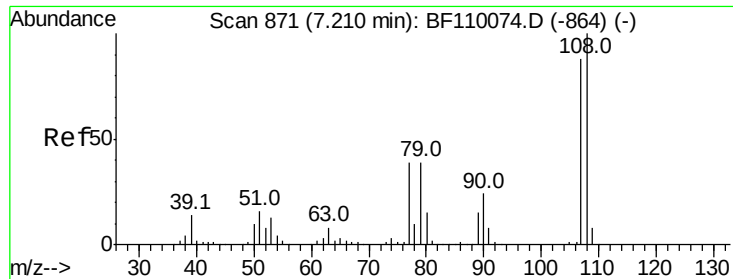
Sohil
11/6/2018 9:00:57 AM



#16
2,2'-oxybis(1-chloropropane)
Concen: 34.707 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF110468.D
Acq: 5 Nov 2018 16:43

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.0	10.0	50.0
79	11.1	6.1	46.1





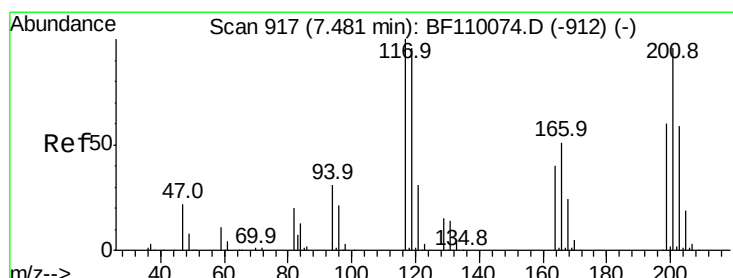
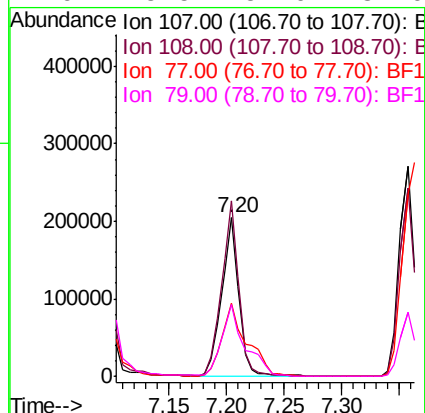
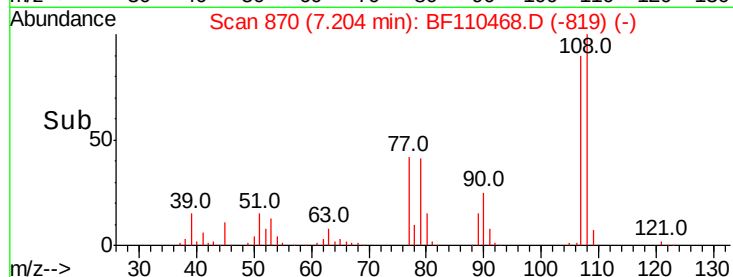
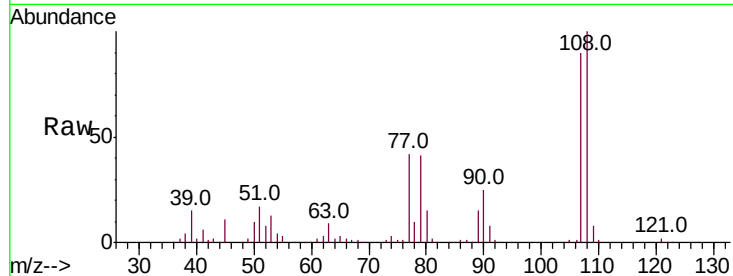
#17
2-Methylphenol
Concen: 38.500 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF110468.D
Acq: 5 Nov 2018 16:43

Instrument :
BNA_F
ClientSampleId :
TP2-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	210764		
108	111.0	92.6	138.8	
77	46.4	59.4	89.2#	
79	45.5	54.0	81.0#	

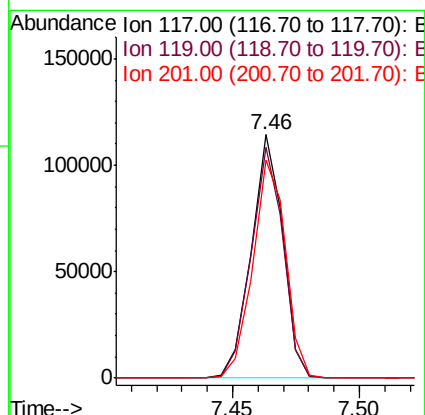
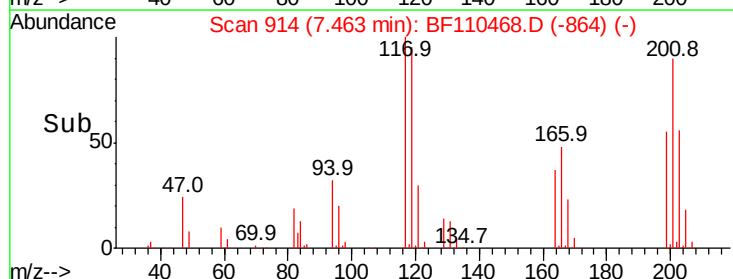
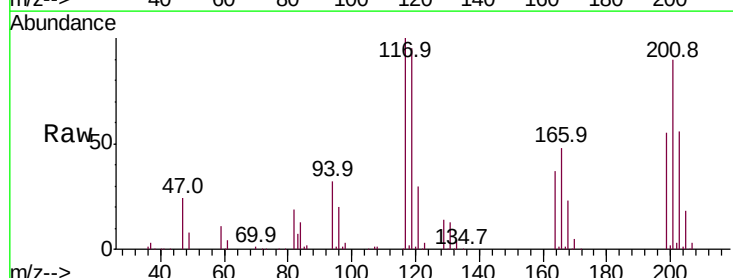
Manual Integrations
APPROVED

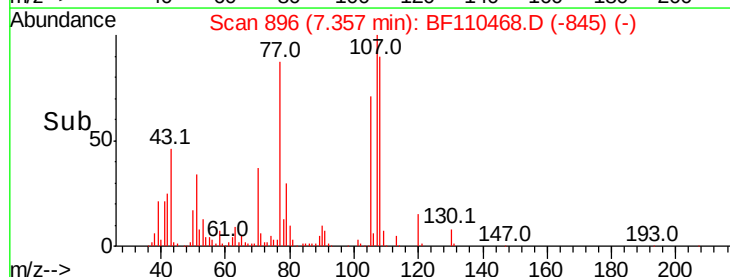
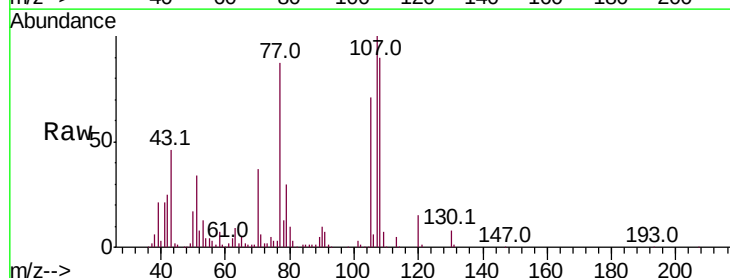
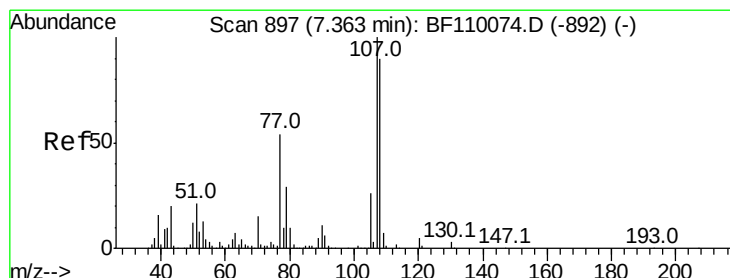
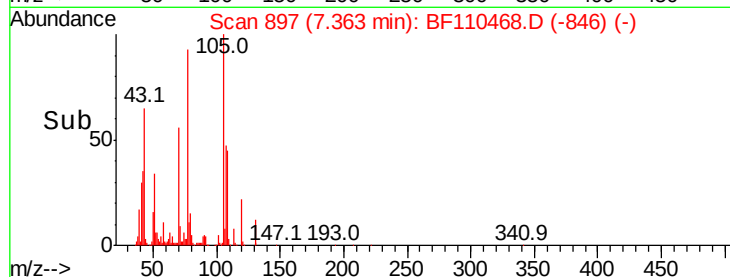
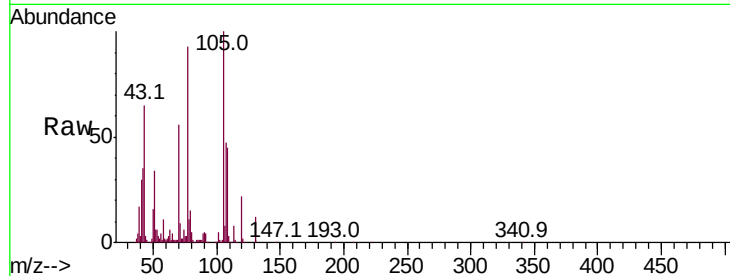
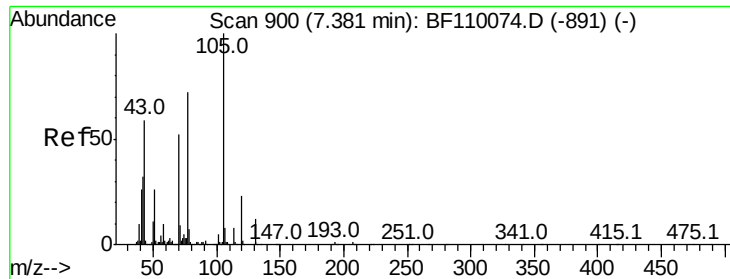
Sohil
11/6/2018 9:00:57 AM



#18
Hexachloroethane
Concen: 35.418 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF110468.D
Acq: 5 Nov 2018 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	99136		
119	94.7	75.0	112.6	
201	89.7	79.2	118.8	





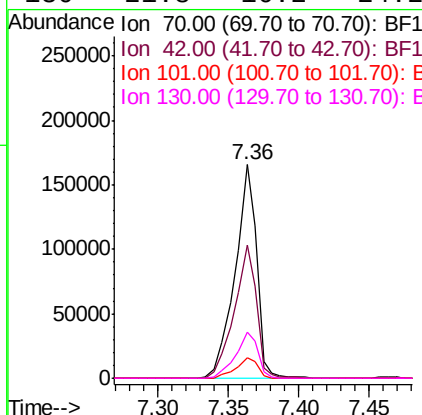
#19
n-Nitroso-di-n-propylamine
Concen: 35.896 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF110468.D
Acq: 5 Nov 2018 16:43

Instrument :
BNA_F
ClientSampled :
TP2-AMSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	62.6	47.4	71.2	
101	9.6	7.3	10.9	
130	21.8	16.2	24.2	

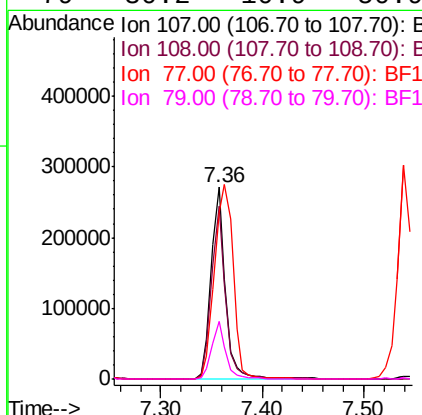
Manual Integrations
APPROVED

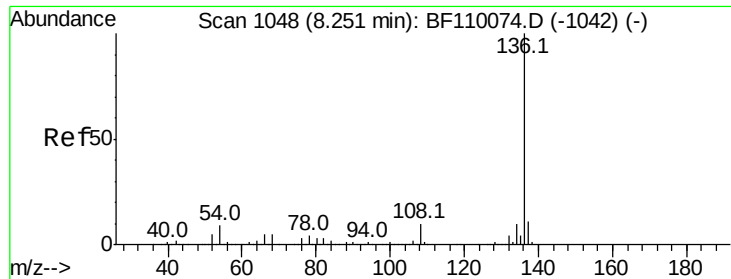
Sohil
11/6/2018 9:00:57 AM



#20
3+4-Methylphenols
Concen: 37.901 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF110468.D
Acq: 5 Nov 2018 16:43

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.9	71.4	111.4	
77	86.6	47.3	87.3	
79	30.2	10.9	50.9	





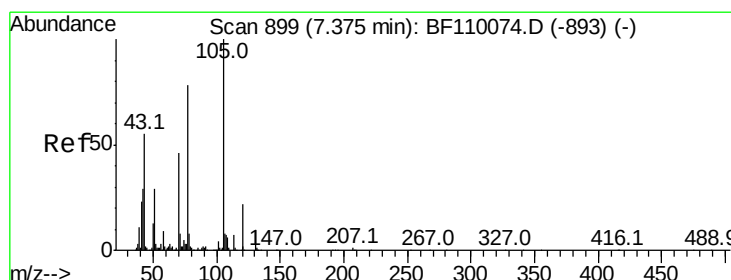
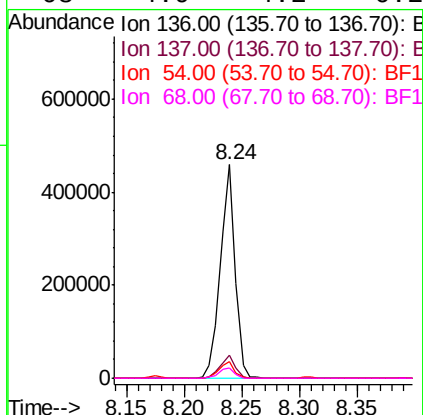
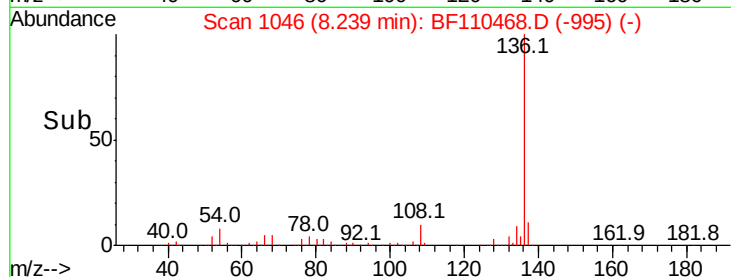
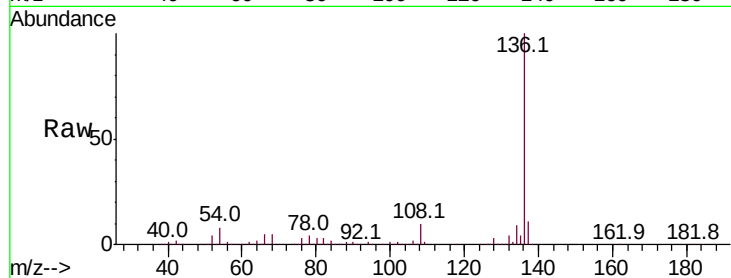
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110468.D
Acq: 5 Nov 2018 16:43

Instrument :
BNA_F
ClientSampleId :
TP2-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		411032		
137	10.7		8.8	13.2	
54	7.9		5.4	8.2	
68	4.9		4.2	6.2	

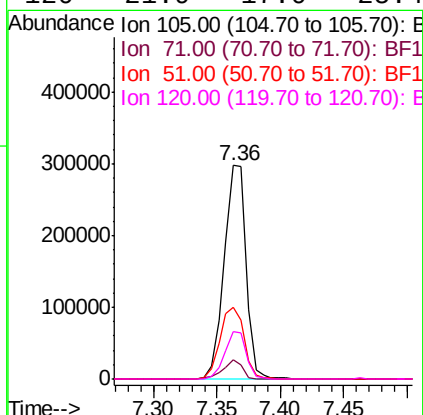
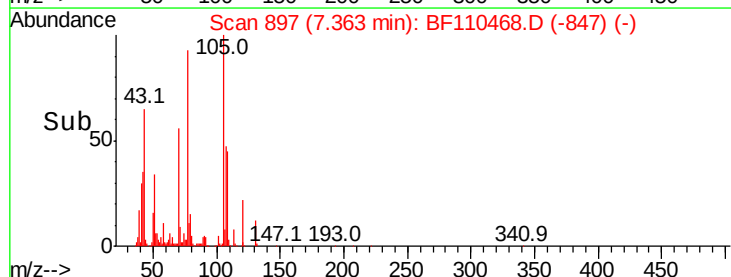
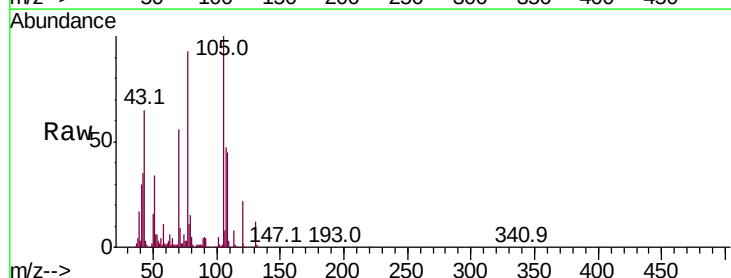
Manual Integrations
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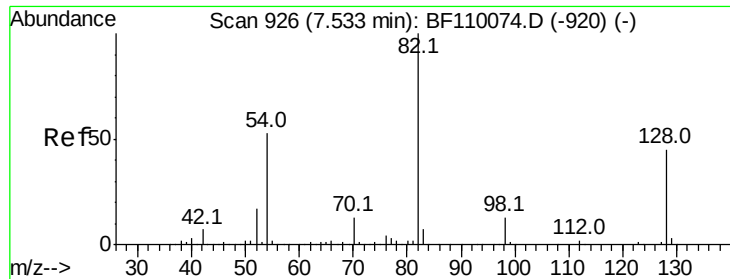
Sohil
11/6/2018 9:00:57 AM



#22
Acetophenone
Concen: 37.684 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF110468.D
Acq: 5 Nov 2018 16:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		356912		
71	9.0		5.2	7.8#	
51	33.8		21.8	32.8#	
120	21.9		17.0	25.4	





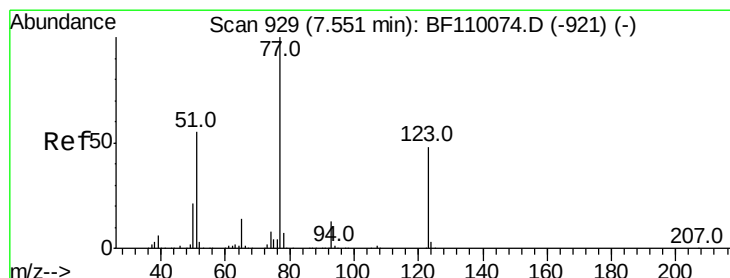
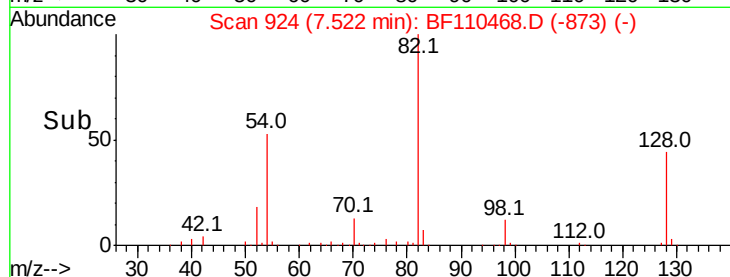
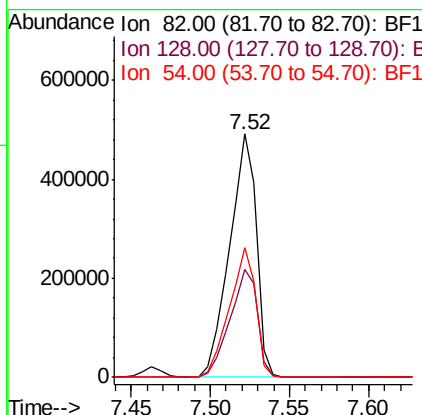
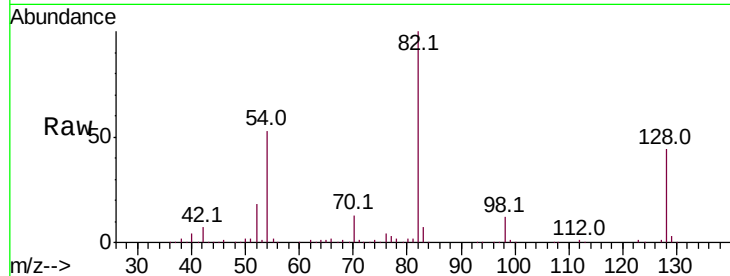
#23
 Nitrobenzene-d5
 Concen: 83.196 ng
 RT: 7.52 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF110468.D
 Acq: 5 Nov 2018 16:43

Instrument :
 BNA_F
 ClientSampleId :
 TP2-AMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.2	51.2
54	53.3	38.6	58.0

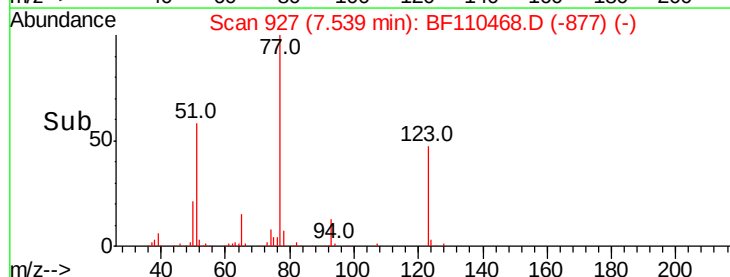
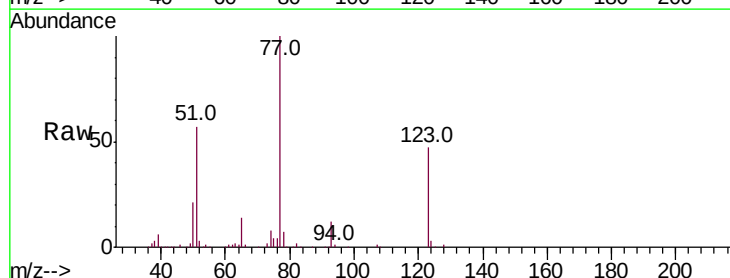
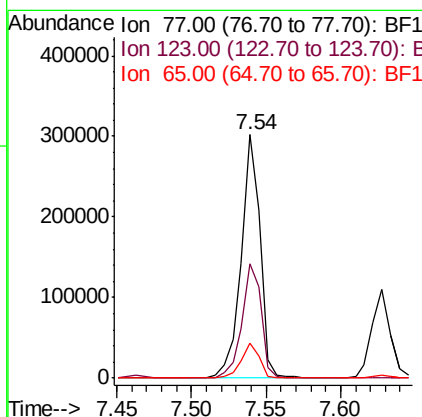
Manual Integrations
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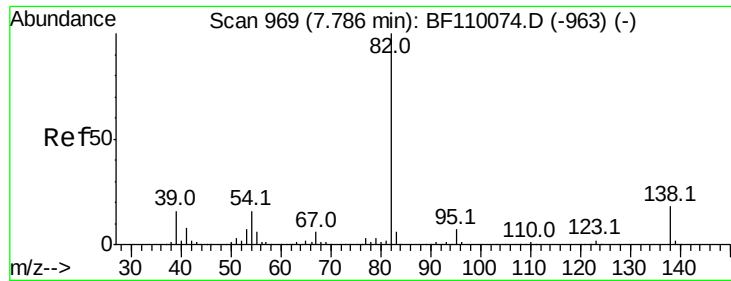
Sohil
 11/6/2018 9:00:57 AM



#24
 Nitrobenzene
 Concen: 36.893 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BF110468.D
 Acq: 5 Nov 2018 16:43

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.9	35.7	53.5
65	14.4	10.7	16.1





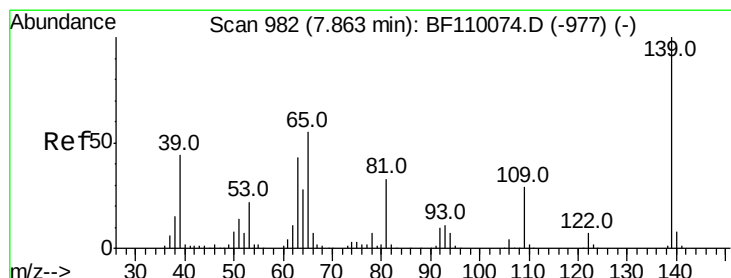
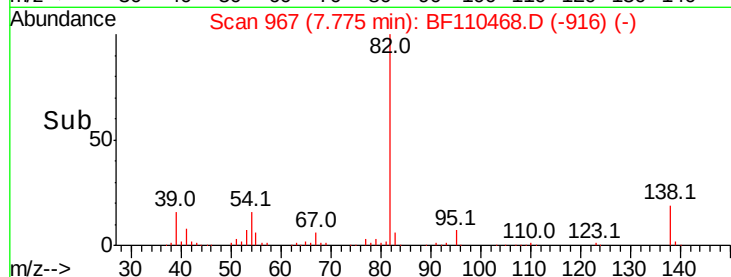
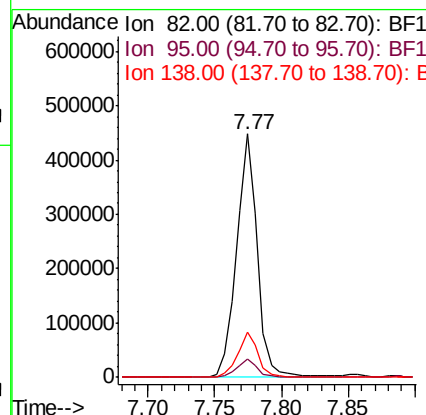
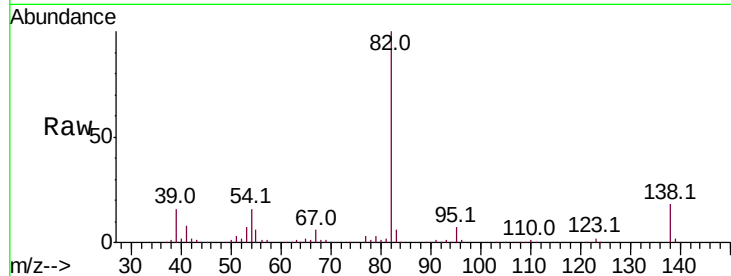
#25
Isophorone
Concen: 41.645 ng
RT: 7.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BF110468.D
Acq: 5 Nov 2018 16:43

Instrument :
BNA_F
ClientSampleId :
TP2-AMSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.4	5.7	8.5
138	18.5	13.2	19.8

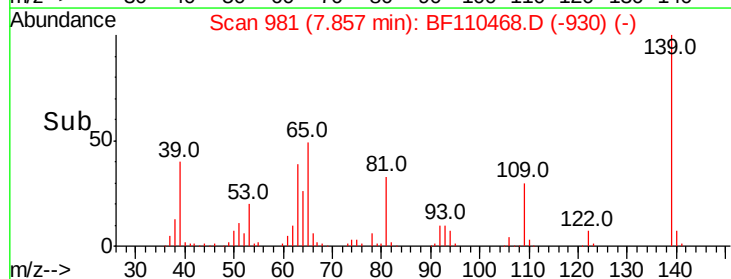
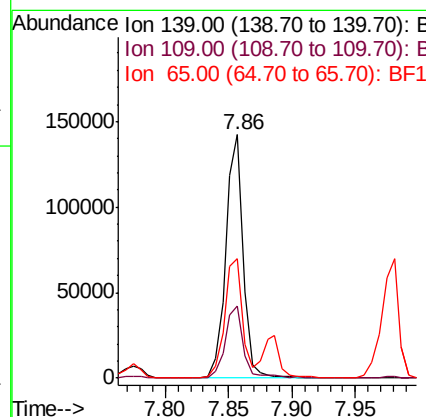
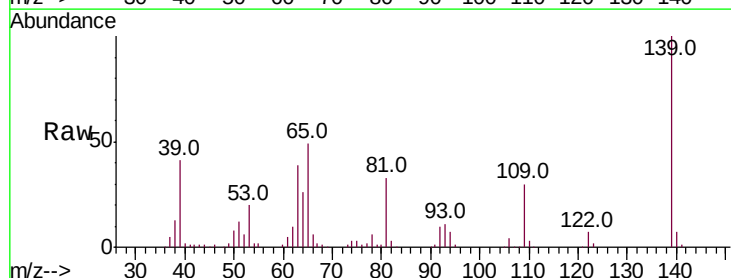
Manual Integrations
APPROVED

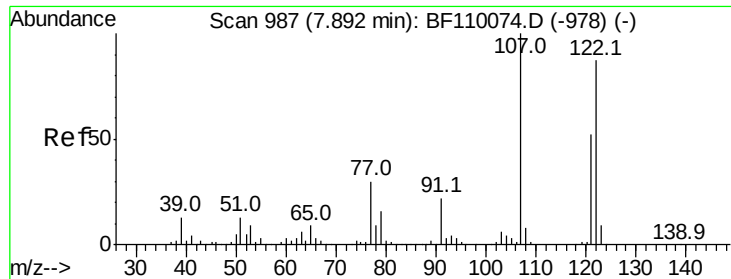
Sohil
11/6/2018 9:00:57 AM



#26
2-Nitrophenol
Concen: 40.018 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF110468.D
Acq: 5 Nov 2018 16:43

Tgt Ion	Ratio	Lower	Upper
139	100		
109	29.8	25.0	37.6
65	48.9	44.0	66.0





#27

2,4-Dimethylphenol

Concen: 41.826 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF110468.D

Acq: 5 Nov 2018 16:43

Instrument :

BNA_F

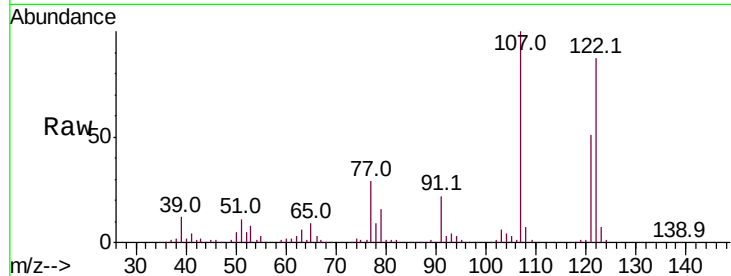
ClientSampleId :

TP2-AMSD

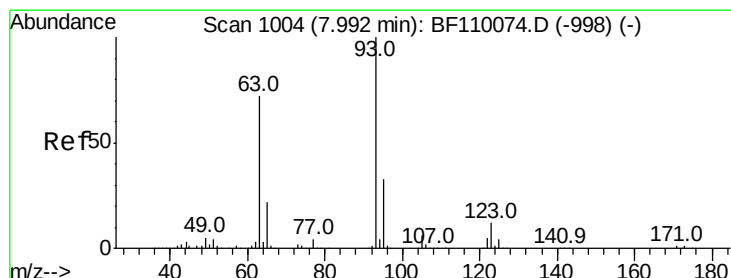
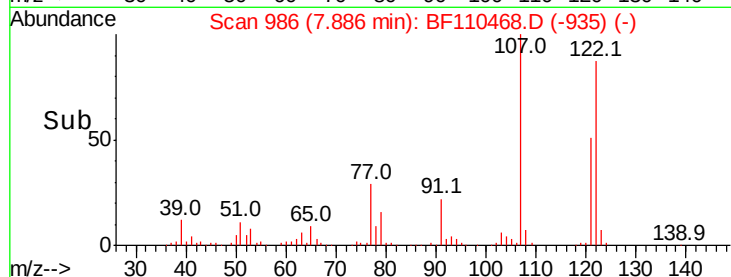
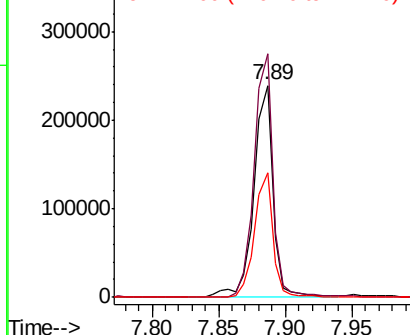
Tot Ion:	122	Resp:	236094
Ion Ratio	Lower	Upper	
122	100		
107	114.7	92.5	138.7
121	58.6	45.8	68.8

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



#28

bis(2-Chloroethoxy)methane

Concen: 38.238 ng

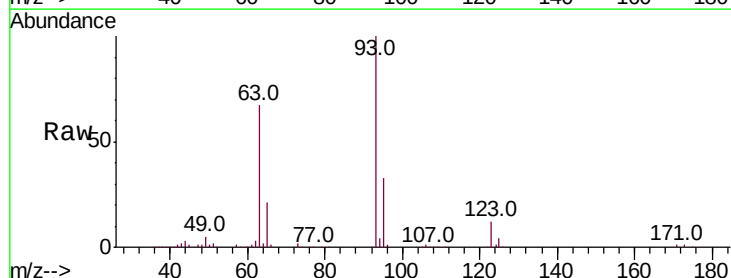
RT: 7.98 min Scan# 1002

Delta R.T. 0.00 min

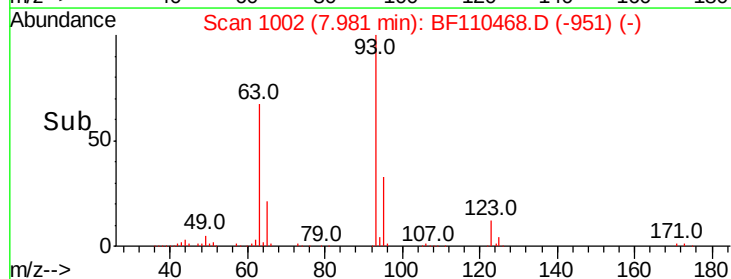
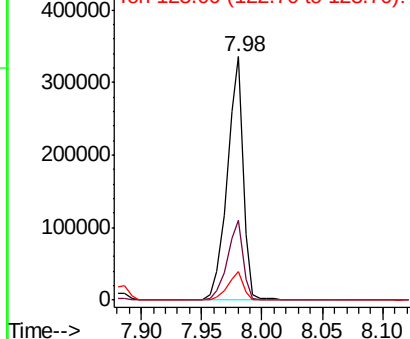
Lab File: BF110468.D

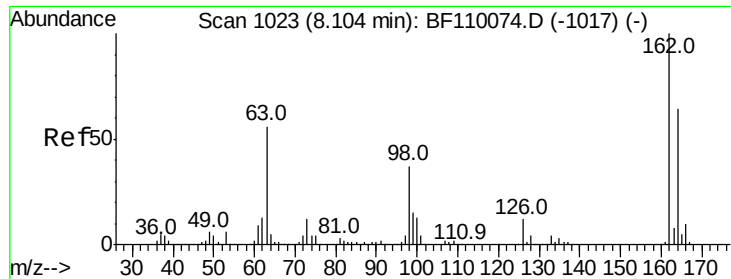
Acq: 5 Nov 2018 16:43

Tgt Ion:	93	Resp:	306850
Ion Ratio	Lower	Upper	
93	100		
95	32.5	26.4	39.6
123	11.7	9.0	13.6



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





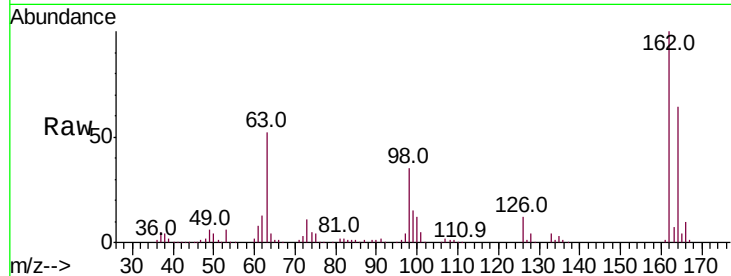
#29
2,4-Dichlorophenol
Concen: 38.833 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF110468.D
Acq: 5 Nov 2018 16:43

Instrument :
BNA_F
ClientSampled :
TP2-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	221453		
164	64.0		44.6	84.6
98	34.6		17.4	57.4

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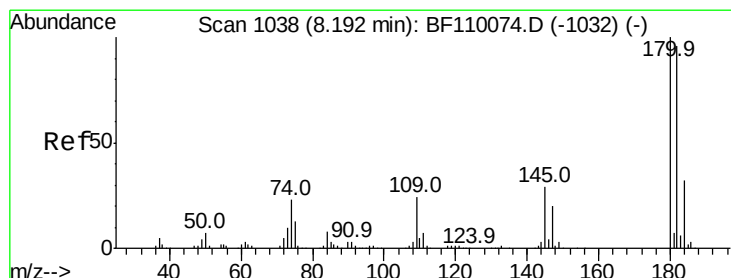
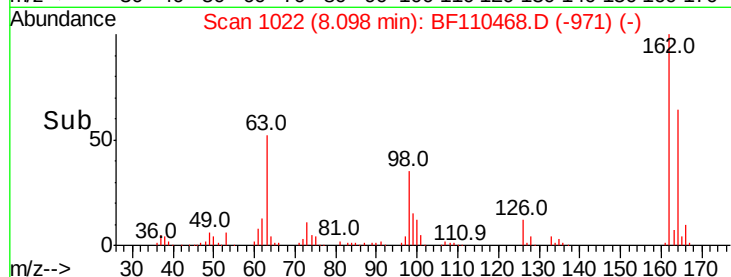
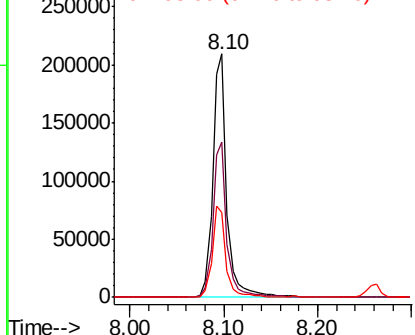


Abundance

Ion 162.00 (161.70 to 162.70): E

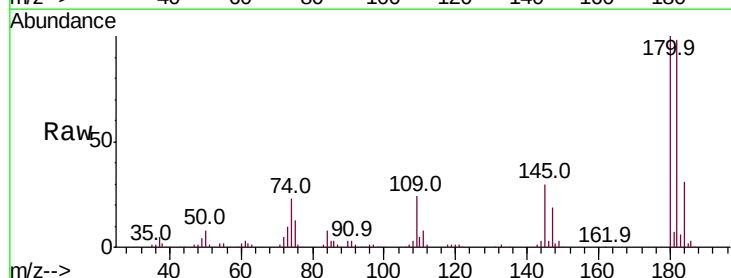
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 35.409 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF110468.D
Acq: 5 Nov 2018 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	226181		
182	97.6		80.3	120.5
145	30.1		25.4	38.0

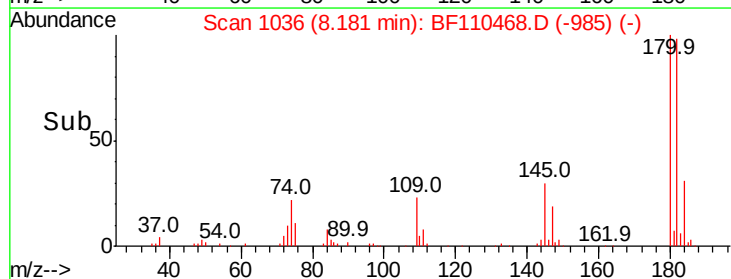
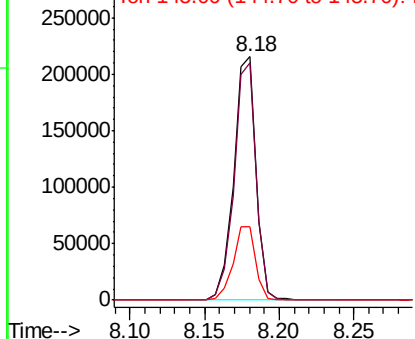


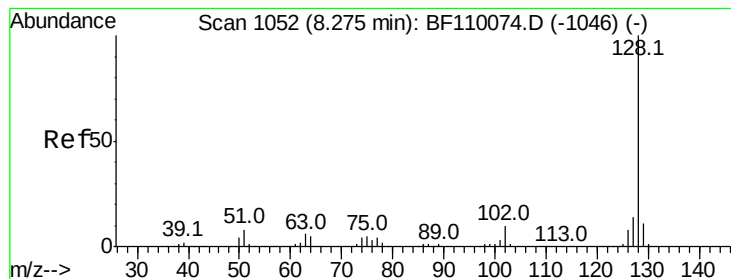
Abundance

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: 38.871 ng

RT: 8.26 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BF110468.D

Acq: 5 Nov 2018 16:43

Instrument :

BNA_F

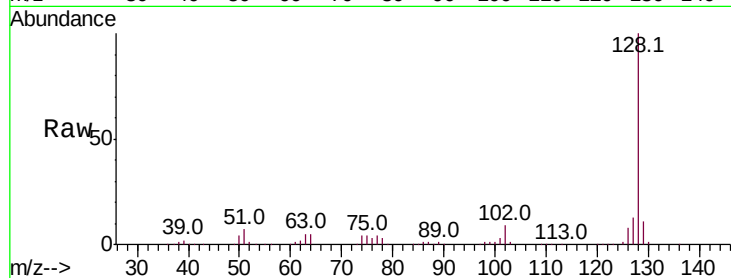
ClientSampled :

TP2-AMSD

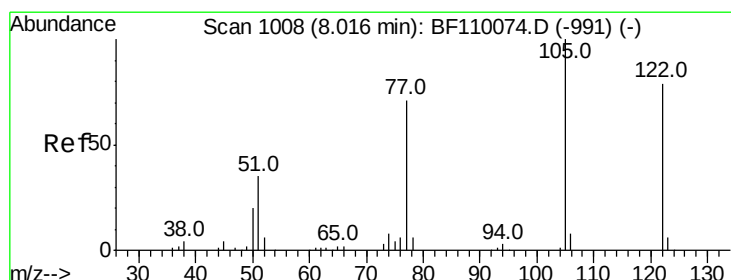
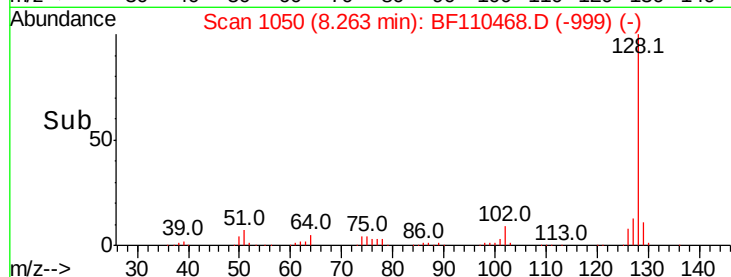
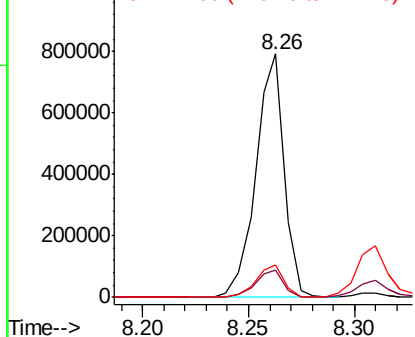
Tot Ion:	128	Resp:	736375
Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.8	13.2
127	13.2	10.8	16.2

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



#32

Benzoic acid

Concen: 1.728 ng m

RT: 7.95 min Scan# 997

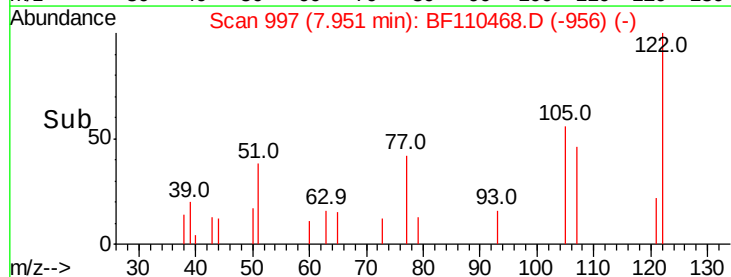
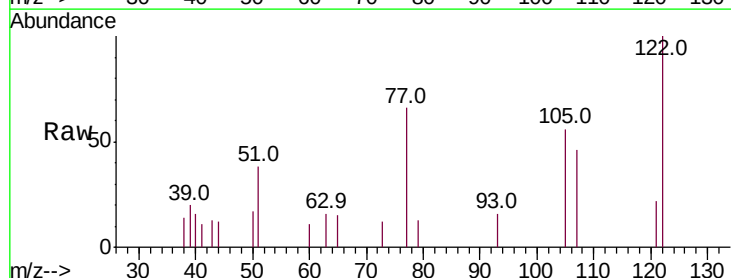
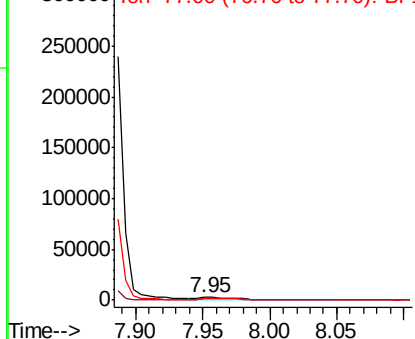
Delta R.T. -0.06 min

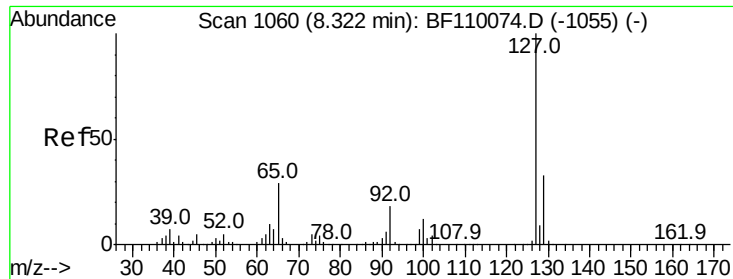
Lab File: BF110468.D

Acq: 5 Nov 2018 16:43

Tgt Ion:	122	Resp:	7538
Ion Ratio	Lower	Upper	
122	100		
105	55.5	109.0	149.0#
77	65.6	79.0	119.0#

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





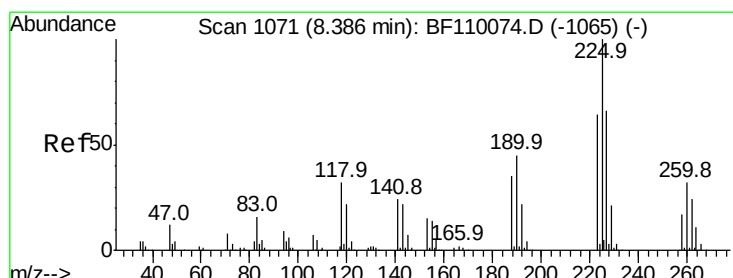
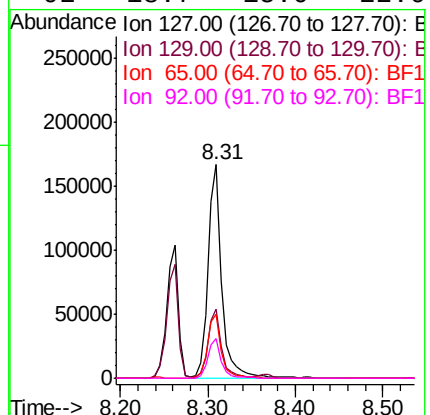
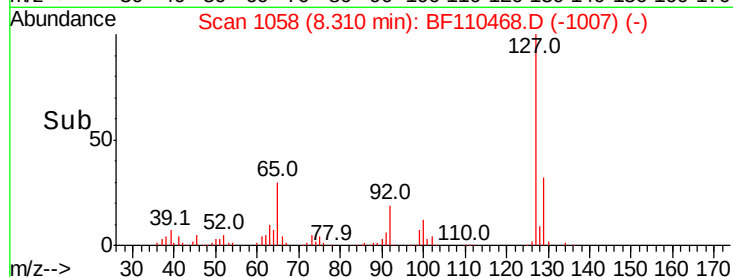
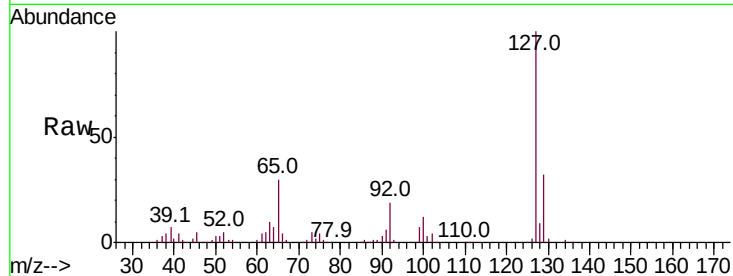
#33
4-Chloroaniline
Concen: 21.388 ng
RT: 8.31 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BF110468.D
Acq: 5 Nov 2018 16:43

Instrument :
BNA_F
ClientSampled :
TP2-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	26.0	39.0		
65	29.9	25.1	37.7		
92	18.7	15.0	22.6		

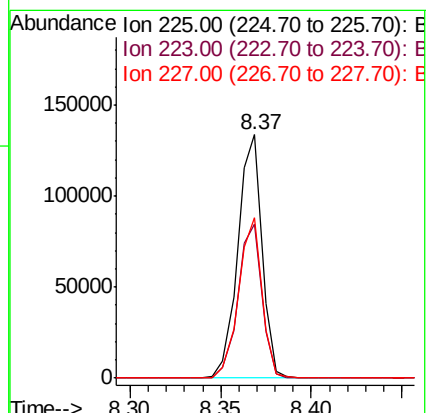
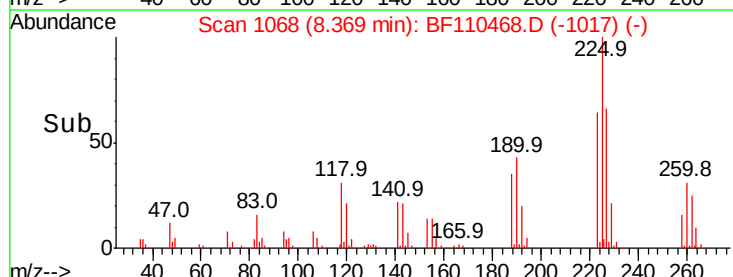
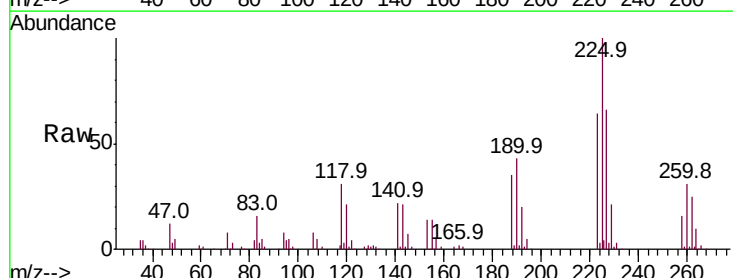
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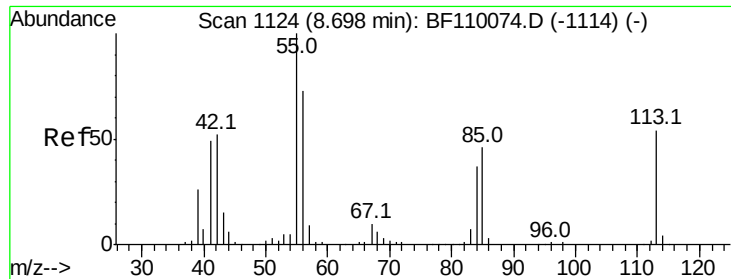
Sohil
11/6/2018 9:00:57 AM



#34
Hexachlorobutadiene
Concen: 34.929 ng
RT: 8.37 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BF110468.D
Acq: 5 Nov 2018 16:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.5	51.4	77.2		
227	66.1	51.0	76.6		





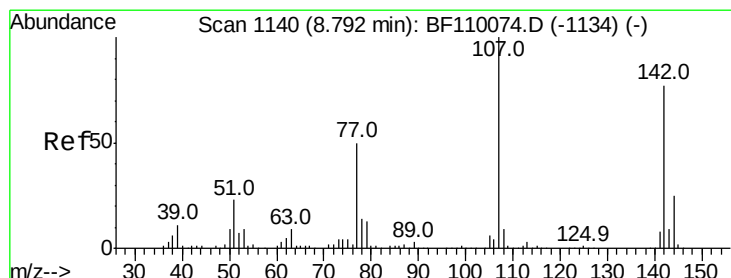
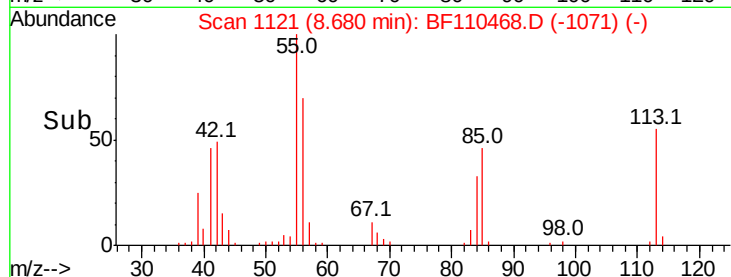
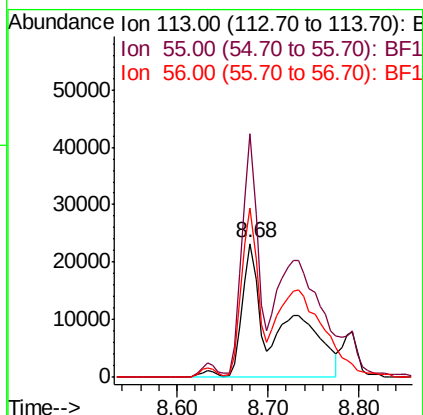
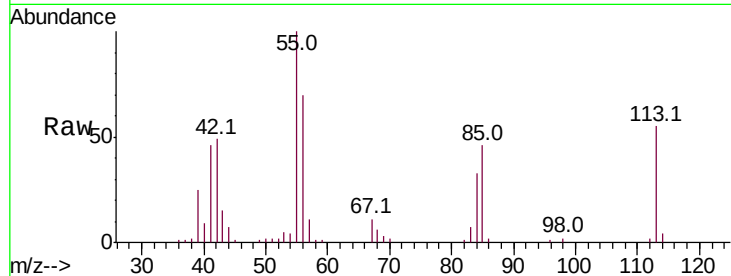
#35
 Caprolactam
 Concen: 33.012 ng/ml
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF110468.D
 Acq: 5 Nov 2018 16:43

Instrument :
 BNA_F
 ClientSampleId :
 TP2-AMSD

Tot Ion: 113 Resp: 65617
 Ion Ratio Lower Upper
 113 100
 55 182.0 142.8 182.8
 56 126.7 105.0 145.0

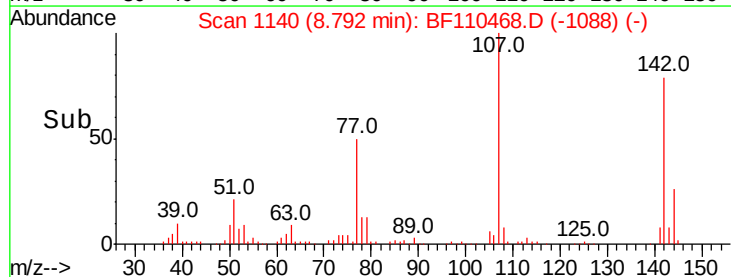
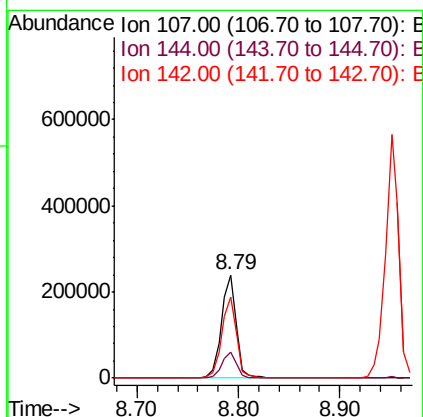
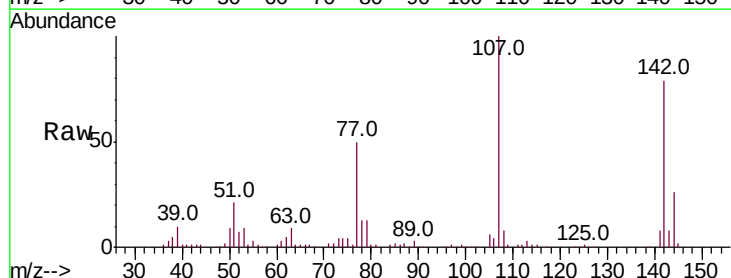
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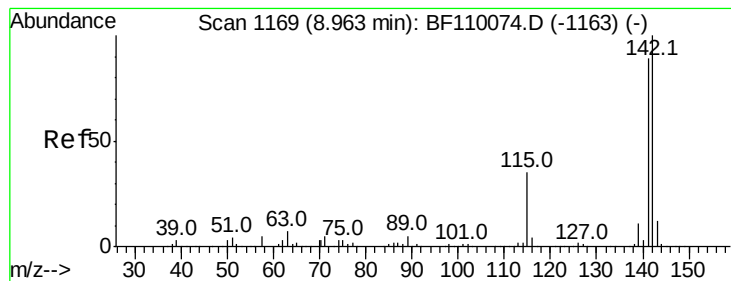
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#36
 4-Chloro-3-methylphenol
 Concen: 39.223 ng/ml
 RT: 8.79 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: BF110468.D
 Acq: 5 Nov 2018 16:43

Tgt Ion: 107 Resp: 241879
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.0 30.0
 142 79.0 59.7 89.5





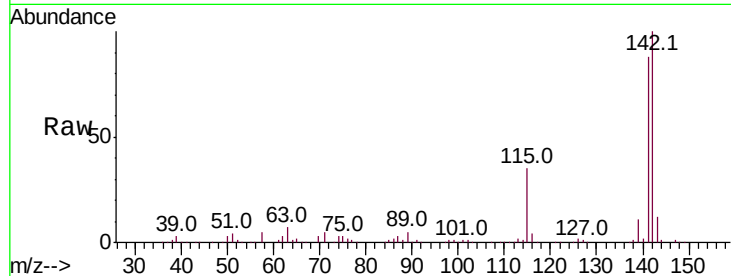
#37
 2-Methylnaphthalene
 Concen: 41.475 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF110468.D
 Acq: 5 Nov 2018 16:43

Instrument :
 BNA_F
 ClientSampleId :
 TP2-AMSD

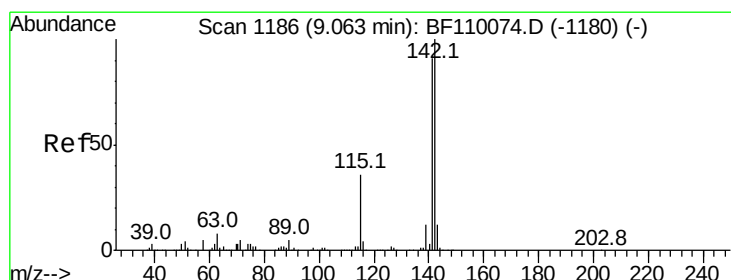
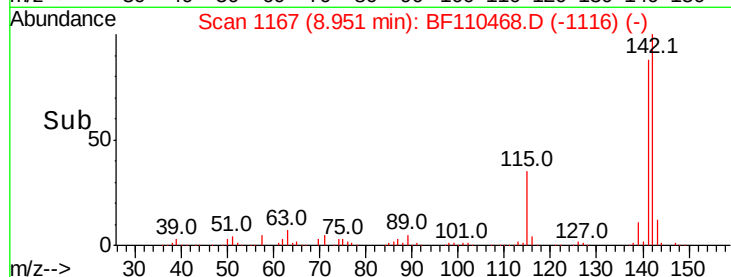
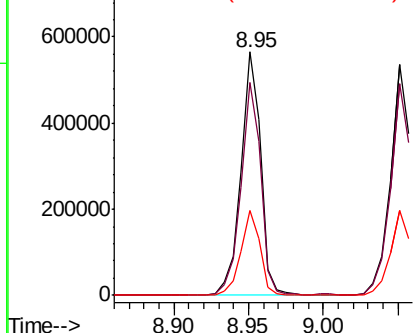
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.5	71.4	107.2
115	34.7	28.7	43.1

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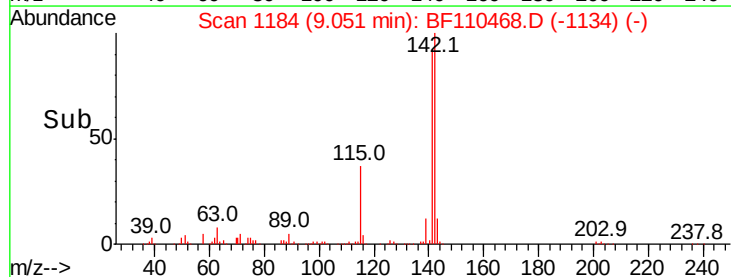
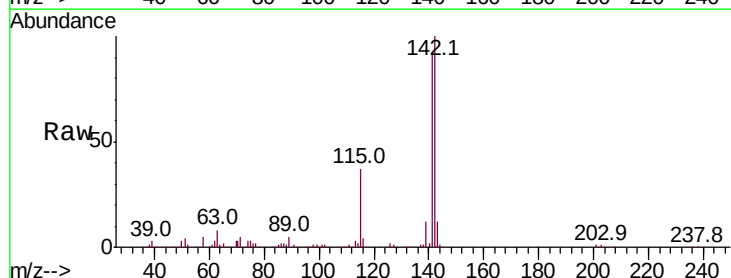
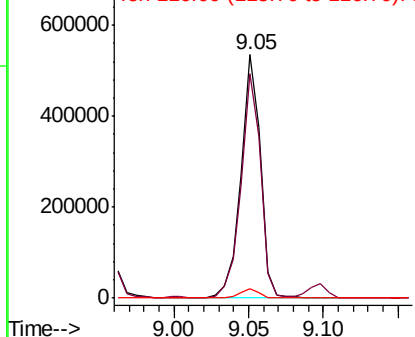
Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

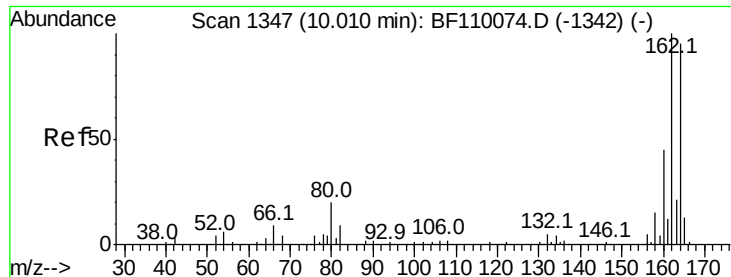


#38
 1-Methylnaphthalene
 Concen: 40.006 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF110468.D
 Acq: 5 Nov 2018 16:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.2	111.4
116	3.8	2.6	4.0

Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E





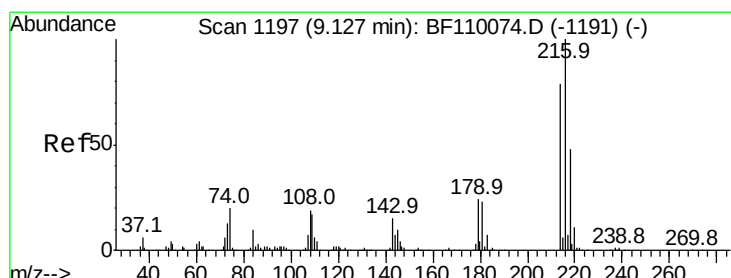
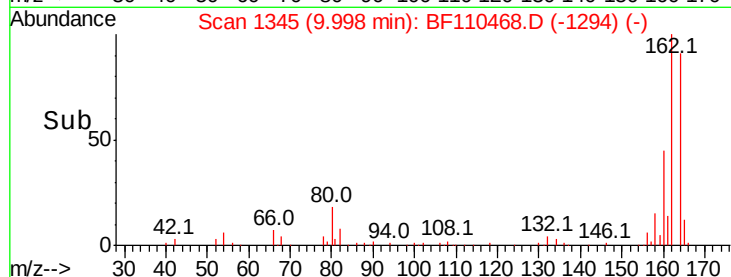
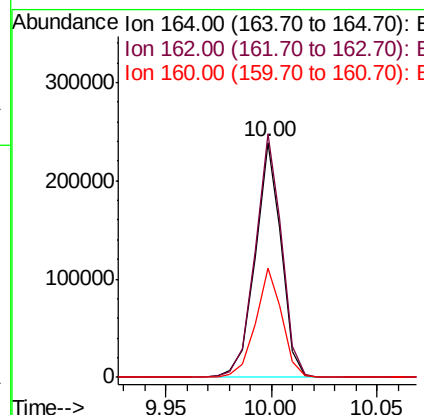
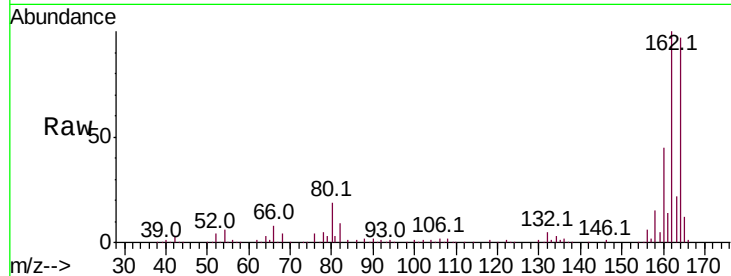
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110468.D
Acq: 5 Nov 2018 16:43

Instrument :
BNA_F
ClientSampleId :
TP2-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	203714		
162	103.5	83.0	124.6	
160	46.7	37.0	55.6	

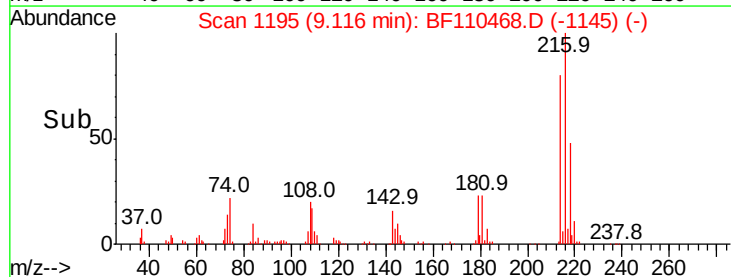
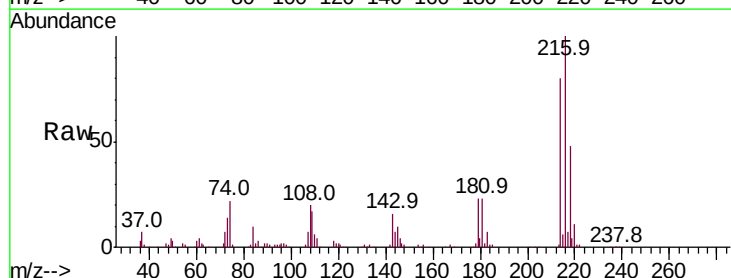
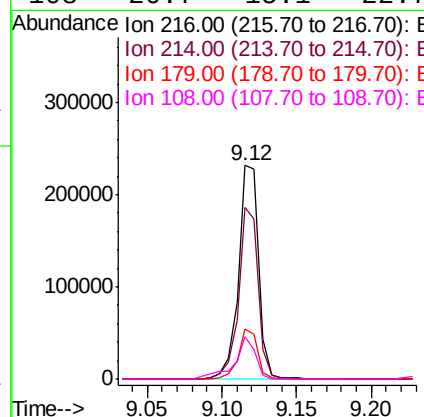
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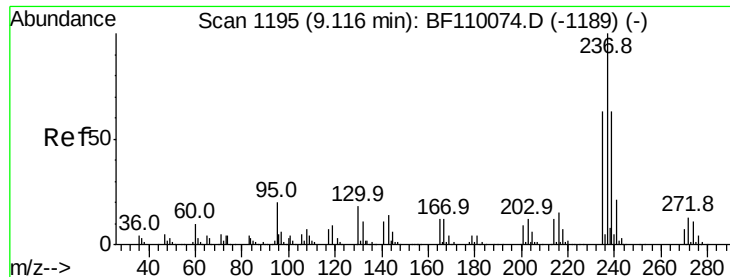
Sohil
11/6/2018 9:00:57 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.718 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF110468.D
Acq: 5 Nov 2018 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	220368		
214	78.1	63.8	95.6	
179	22.1	16.6	25.0	
108	20.7	15.1	22.7	





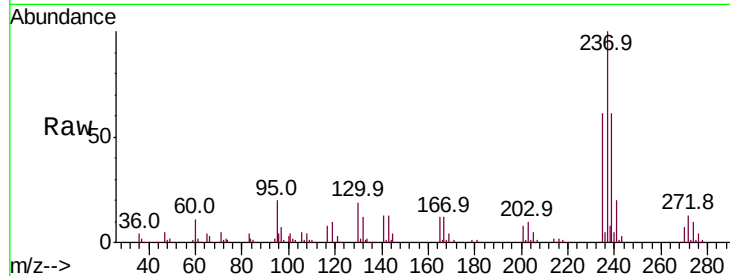
#41
Hexachlorocyclopentadiene
Concen: 60.559 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF110468.D
Acq: 5 Nov 2018 16:43

Instrument :
BNA_F
ClientSampleId :
TP2-AMSD

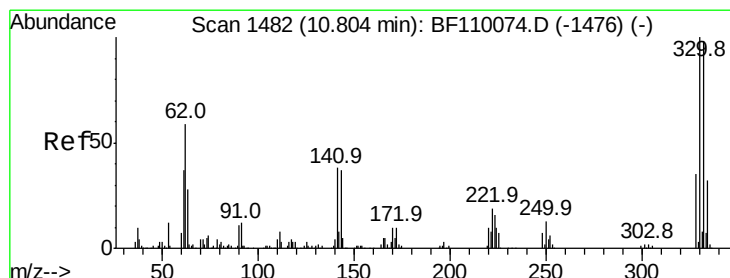
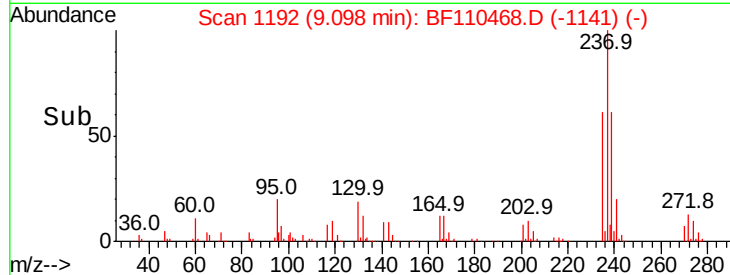
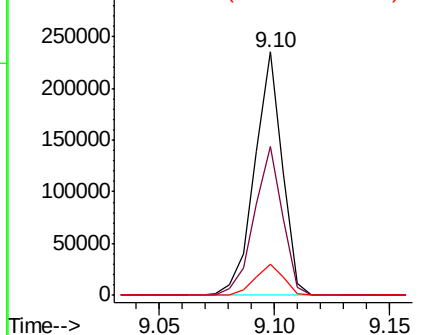
Tot Ion	Ratio	Resp	Lower	Upper
237	100	196552		
235	61.4	43.1	83.1	
272	12.6	0.0	32.6	

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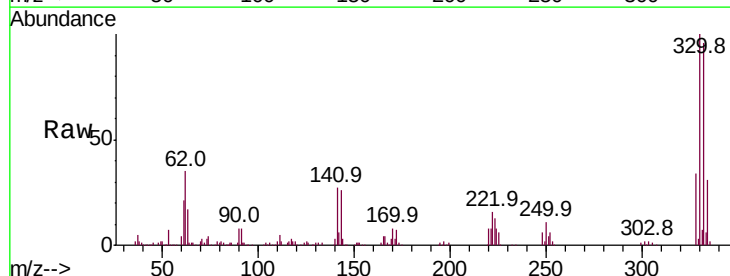


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

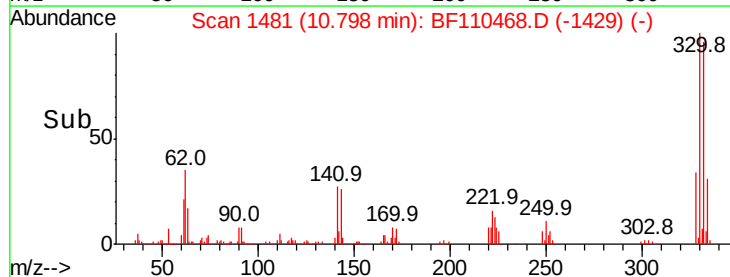
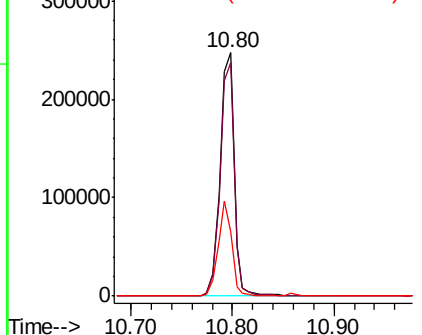


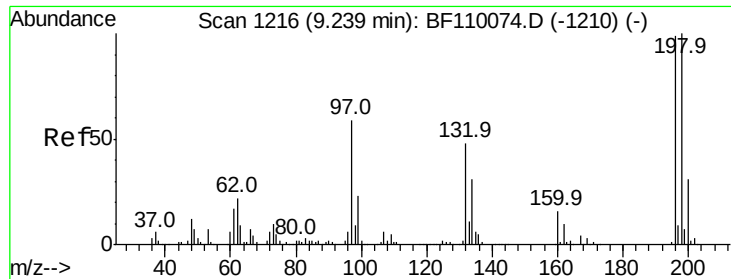
#42
2,4,6-Tribromophenol
Concen: 119.030 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.01 min
Lab File: BF110468.D
Acq: 5 Nov 2018 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	240193		
332	95.3	77.1	115.7	
141	37.2	27.0	40.4	



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





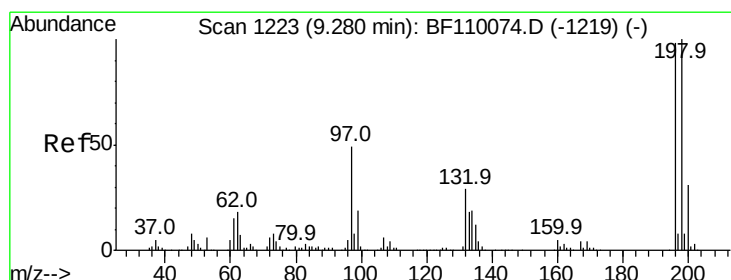
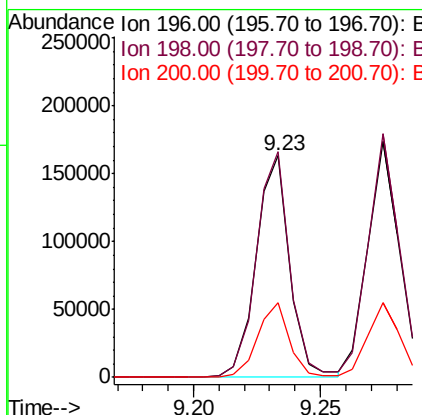
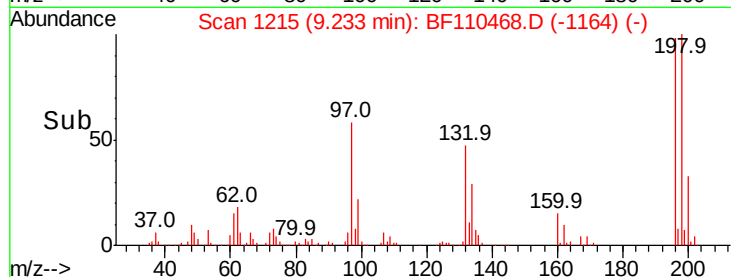
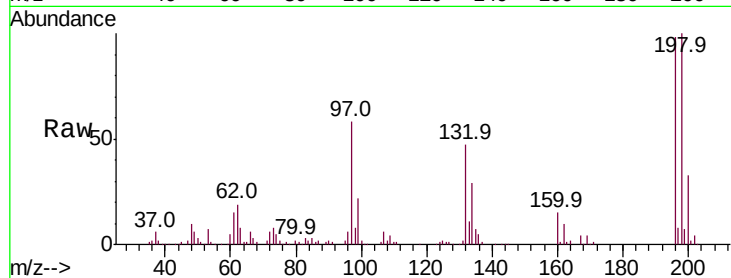
#43
 2,4,6-Trichlorophenol
 Concen: 36.833 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF110468.D
 Acq: 5 Nov 2018 16:43

Instrument :
 BNA_F
 ClientSampled :
 TP2-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	150791		
198	101.8	76.2	114.4	
200	33.5	24.4	36.6	

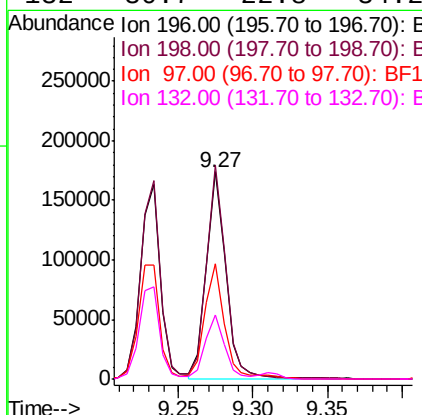
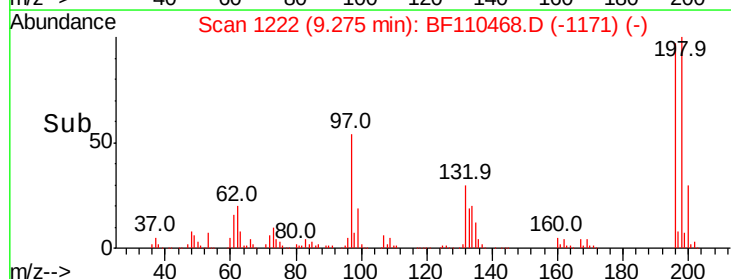
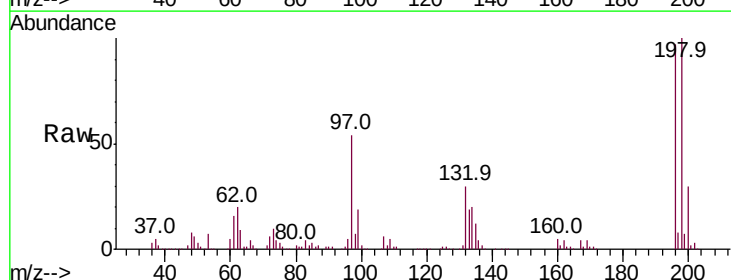
Manual Integrations
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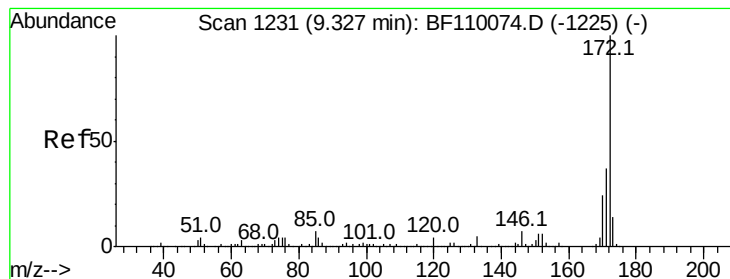
Sohil
 11/6/2018 9:00:57 AM



#44
 2,4,5-Trichlorophenol
 Concen: 36.723 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF110468.D
 Acq: 5 Nov 2018 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	158916		
198	103.2	75.8	113.6	
97	55.8	42.4	63.6	
132	30.7	22.8	34.2	





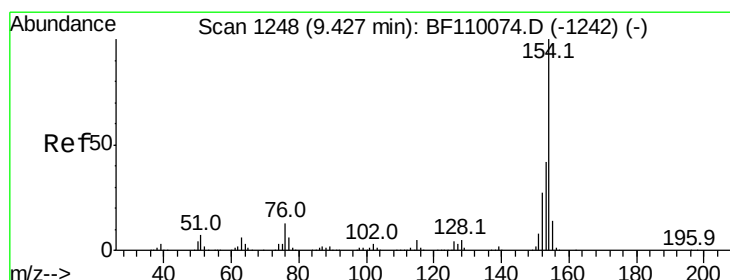
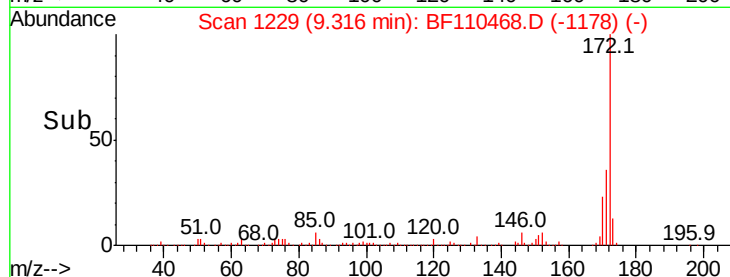
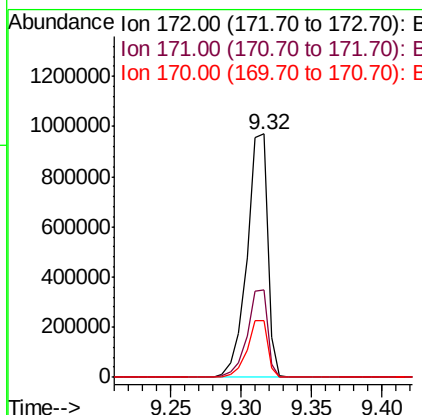
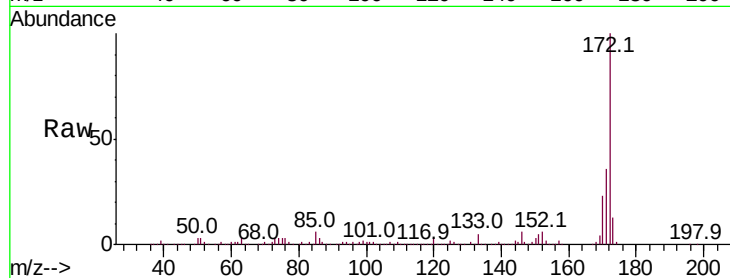
#45
2-Fluorobiphenyl
Concen: 76.835 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF110468.D
Acq: 5 Nov 2018 16:43

Instrument :
BNA_F
ClientSampleId :
TP2-AMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.5	19.7	29.5

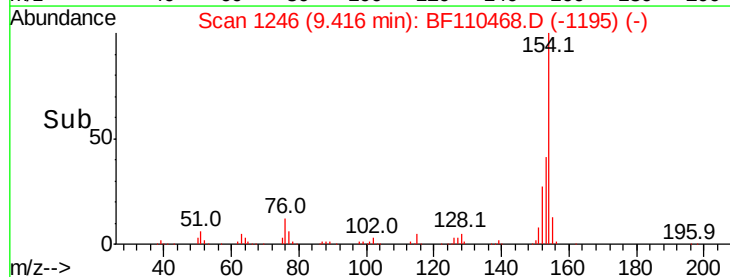
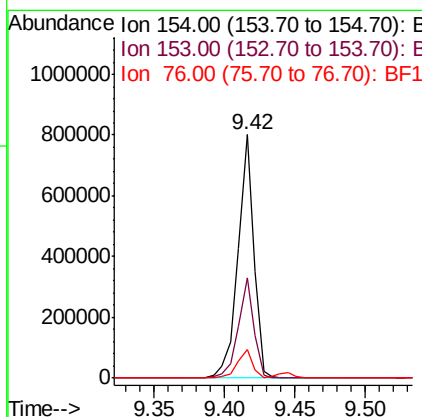
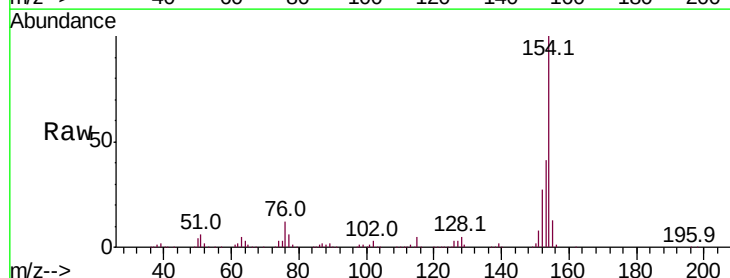
Manual Integrations
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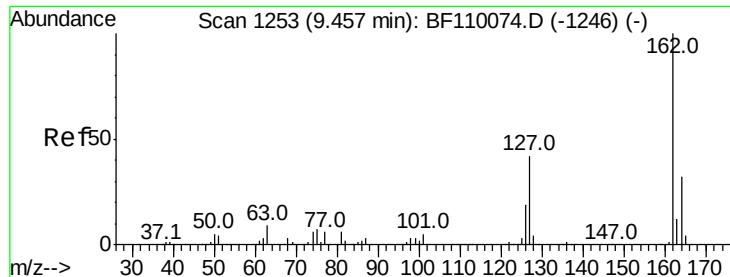
Sohil
11/6/2018 9:00:57 AM



#46
1,1'-Biphenyl
Concen: 34.179 ng
RT: 9.42 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BF110468.D
Acq: 5 Nov 2018 16:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.4	60.4
76	11.7	0.0	31.9





#47

2-Chloronaphthalene

Concen: 35.543 ng

RT: 9.45 min Scan# 1251

Delta R.T. 0.00 min

Lab File: BF110468.D

Acq: 5 Nov 2018 16:43

Instrument :

BNA_F

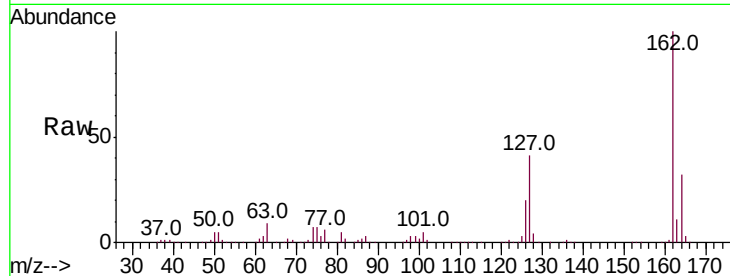
ClientSampleId :

TP2-AMSD

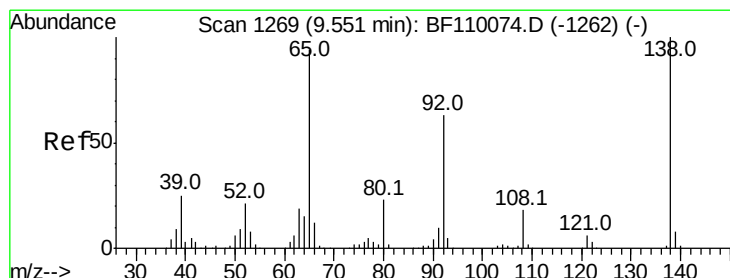
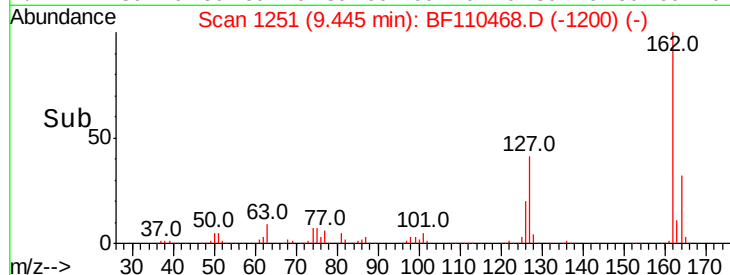
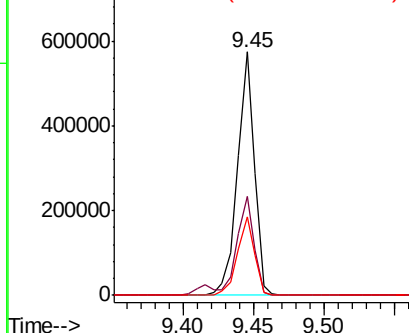
Tot Ion:	162	Resp:	480290
Ion Ratio	Lower	Upper	
162	100		
127	40.7	32.6	48.8
164	32.4	25.9	38.9

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



#48

2-Nitroaniline

Concen: 38.160 ng

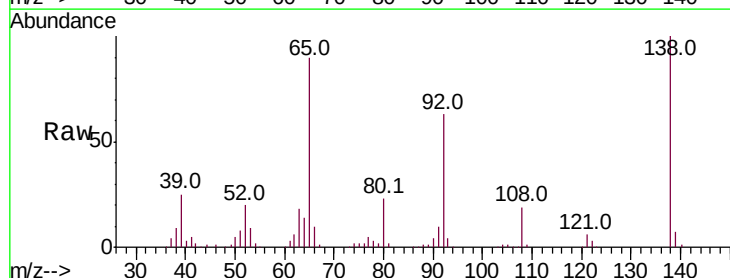
RT: 9.55 min Scan# 1268

Delta R.T. 0.00 min

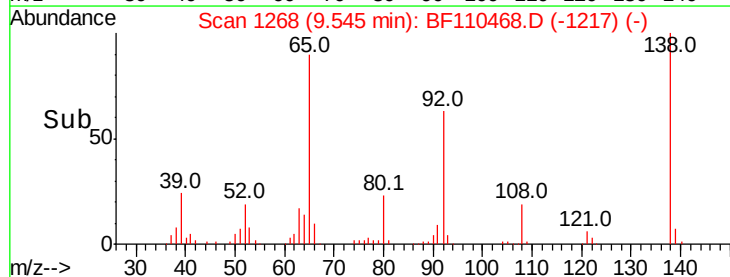
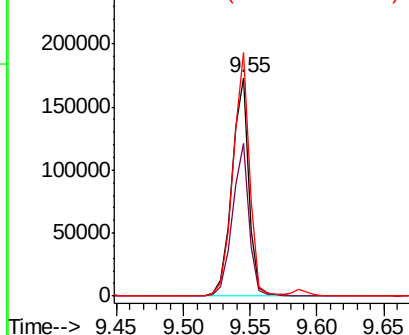
Lab File: BF110468.D

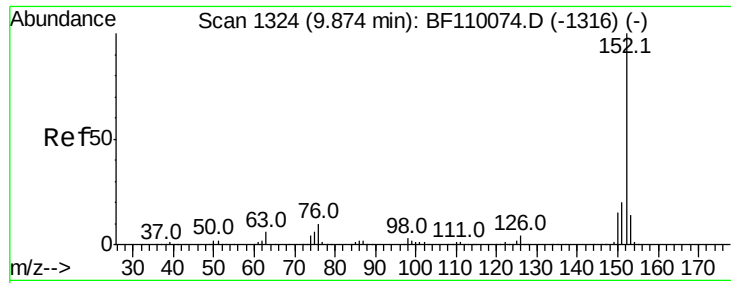
Acq: 5 Nov 2018 16:43

Tgt Ion:	65	Resp:	156259
Ion Ratio	Lower	Upper	
65	100		
92	70.1	54.6	81.8
138	111.5	80.3	120.5



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





#49

Acenaphthylene

Concen: 38.309 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF110468.D

Acq: 5 Nov 2018 16:43

Instrument :

BNA_F

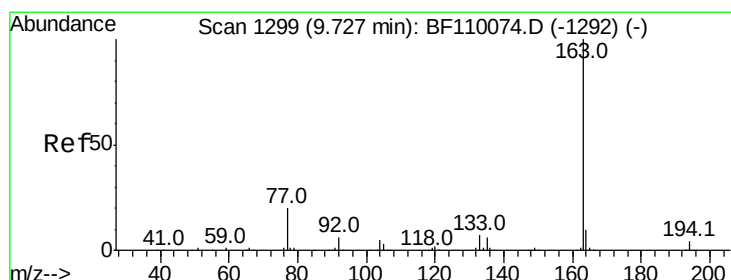
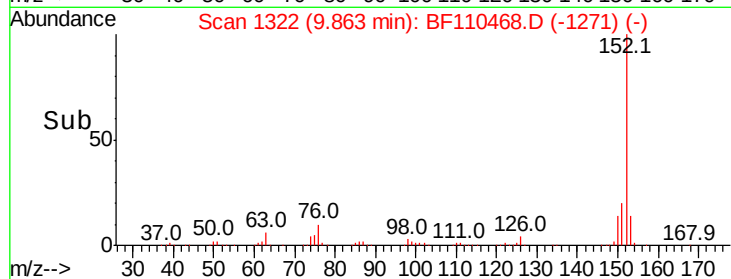
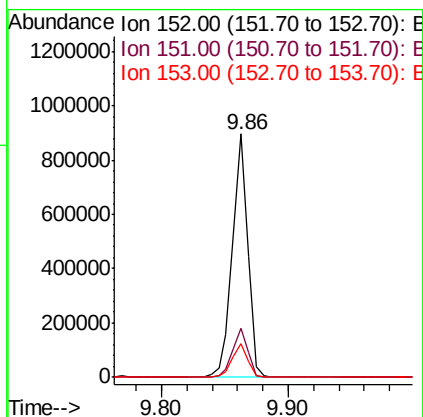
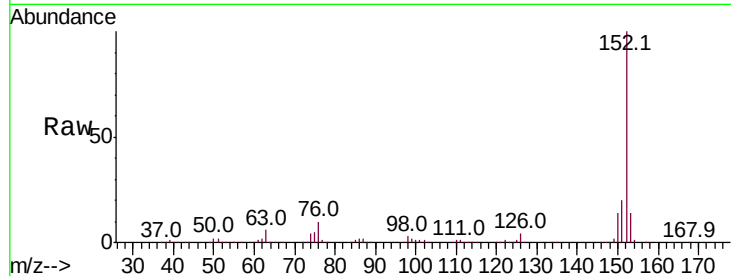
ClientSampleId :

TP2-AMSD

Tot Ion:	152	Resp:	747691
Ion Ratio	Lower	Upper	
152	100		
151	20.2	15.8	23.8
153	13.8	10.4	15.6

Manual Integrations
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11/6/2018 9:00:57 AM



#50

Dimethylphthalate

Concen: 49.006 ng

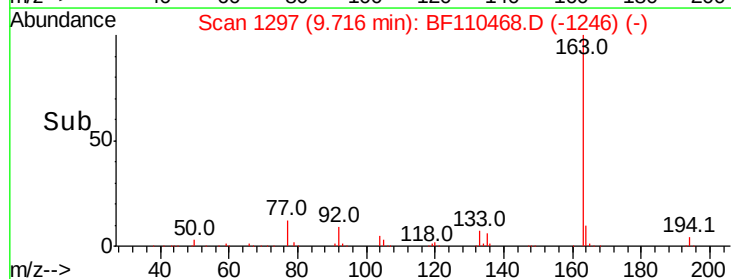
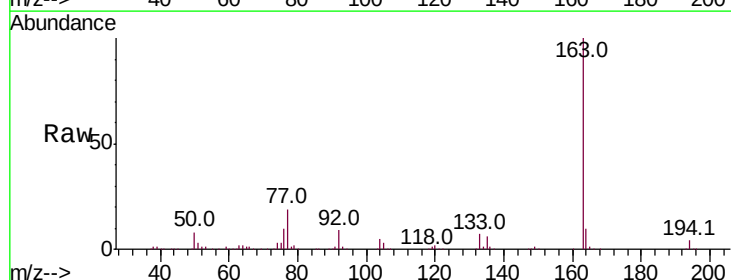
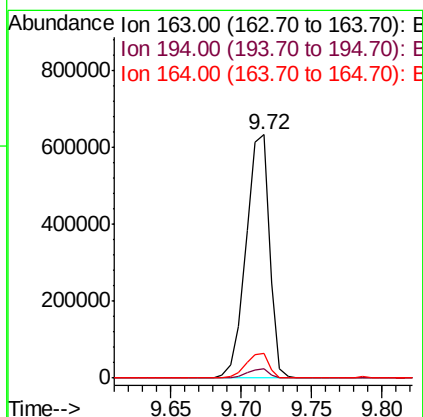
RT: 9.72 min Scan# 1297

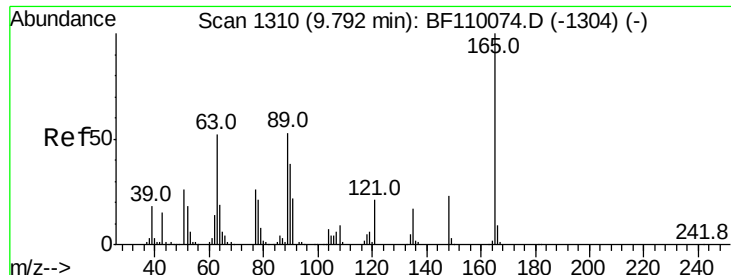
Delta R.T. 0.00 min

Lab File: BF110468.D

Acq: 5 Nov 2018 16:43

Tgt Ion:	163	Resp:	736940
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.2	4.8
164	10.0	8.1	12.1





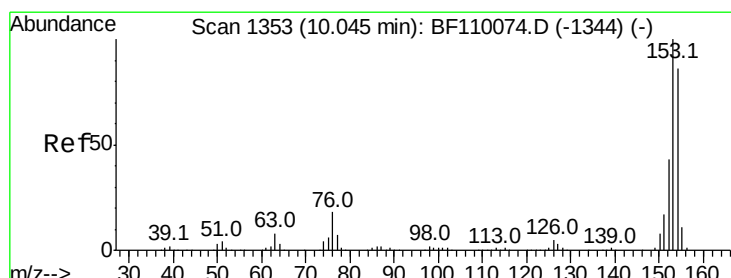
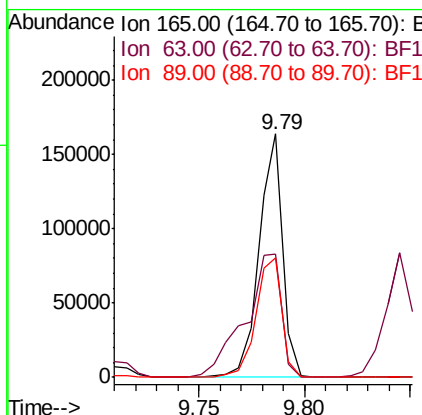
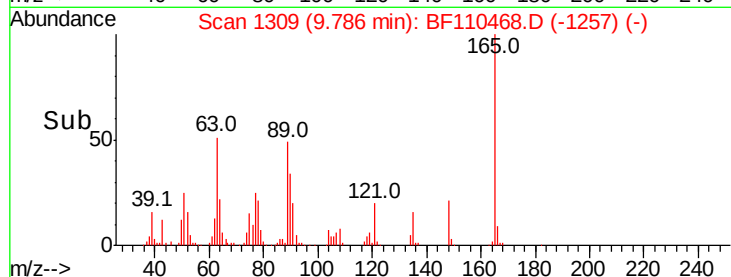
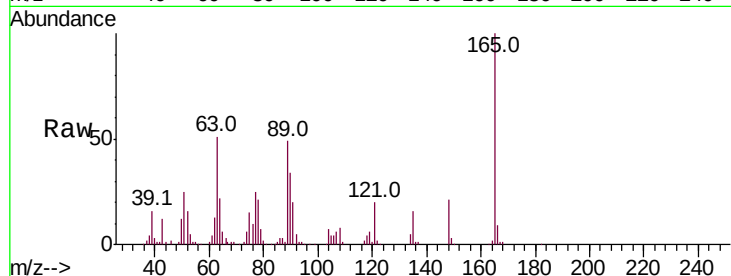
#51
2,6-Dinitrotoluene
Concen: 39.394 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BF110468.D
Acq: 5 Nov 2018 16:43

Instrument :
BNA_F
ClientSampled :
TP2-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	127604		
63	50.7	48.9	73.3	
89	48.9	46.6	69.8	

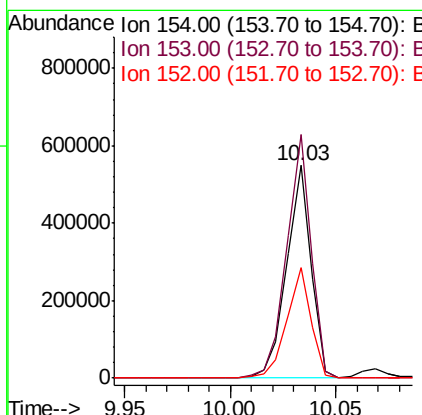
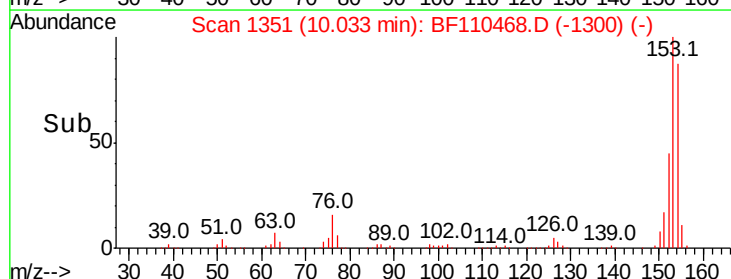
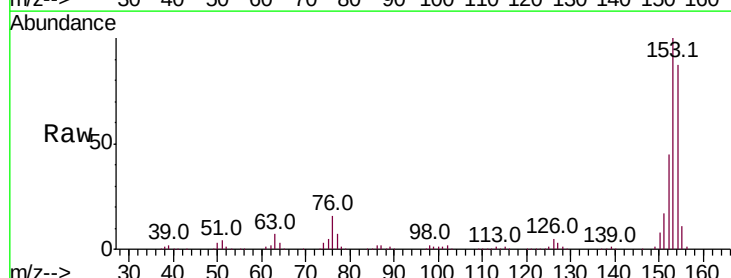
Manual Integrations
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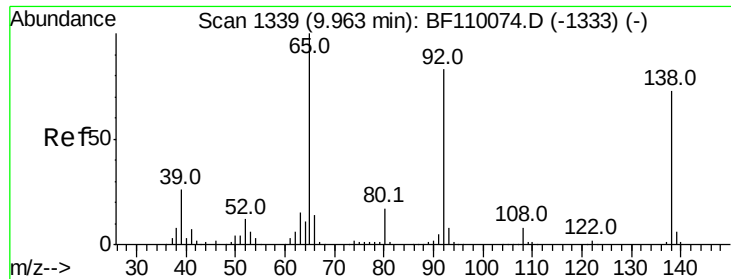
Sohil
11/6/2018 9:00:57 AM



#52
Acenaphthene
Concen: 34.643 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF110468.D
Acq: 5 Nov 2018 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	447295		
153	114.5	90.1	135.1	
152	51.8	43.4	65.2	





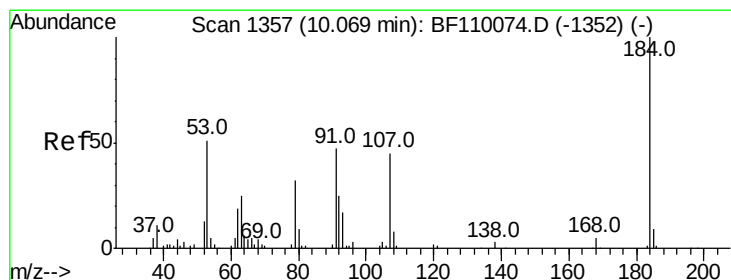
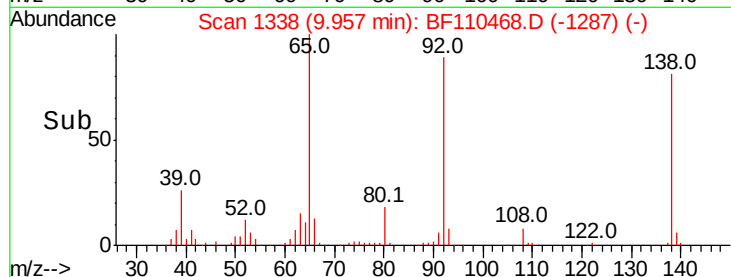
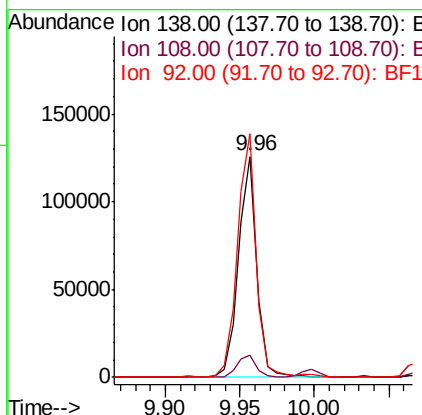
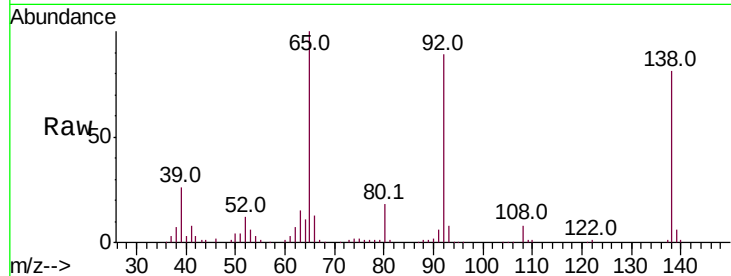
#53
3-Nitroaniline
Concen: 28.153 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF110468.D
Acq: 5 Nov 2018 16:43

Instrument :
BNA_F
ClientSampleId :
TP2-AMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.7	13.1
92	110.1	97.0	145.4

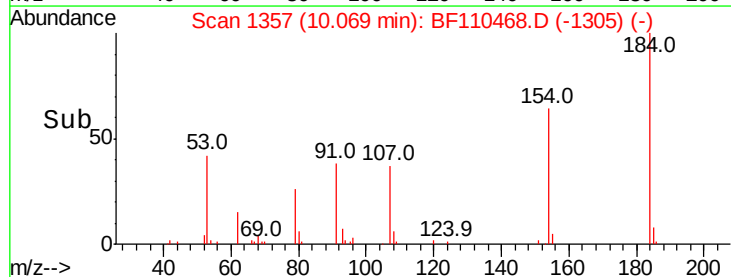
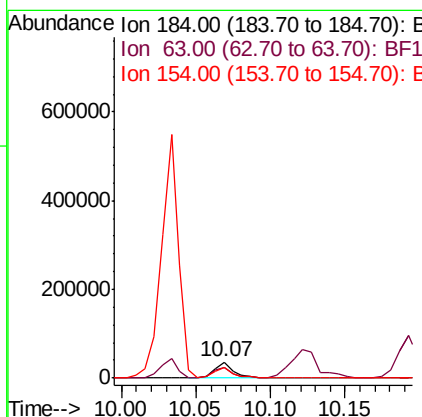
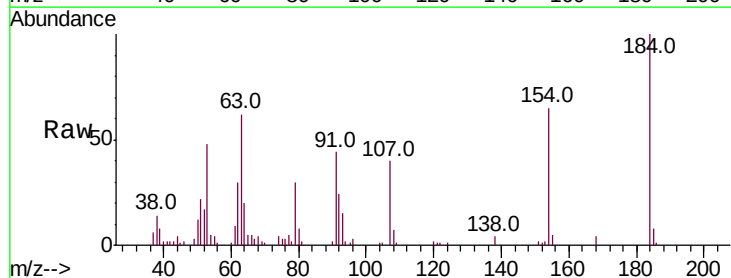
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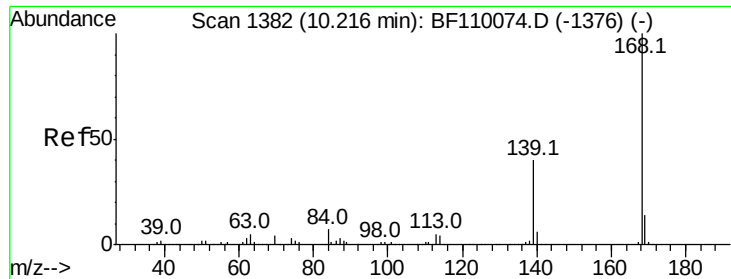
Sohil
11/6/2018 9:00:57 AM



#54
2,4-Dinitrophenol
Concen: 30.038 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF110468.D
Acq: 5 Nov 2018 16:43

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.3	55.8	83.6
154	64.5	63.2	94.8





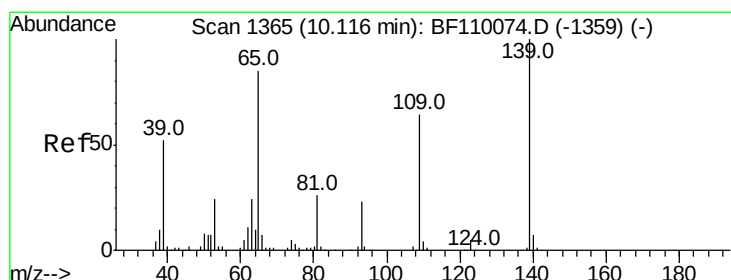
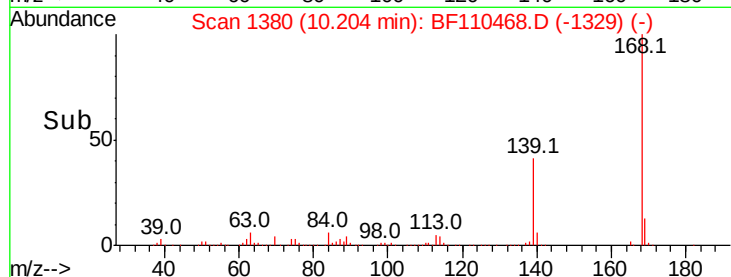
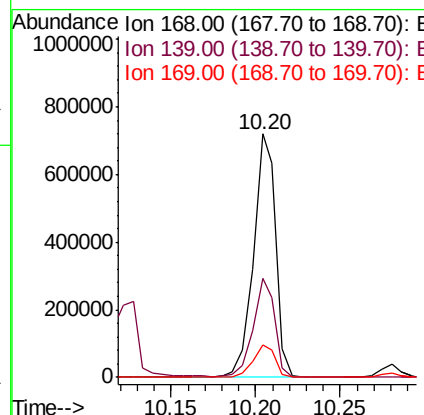
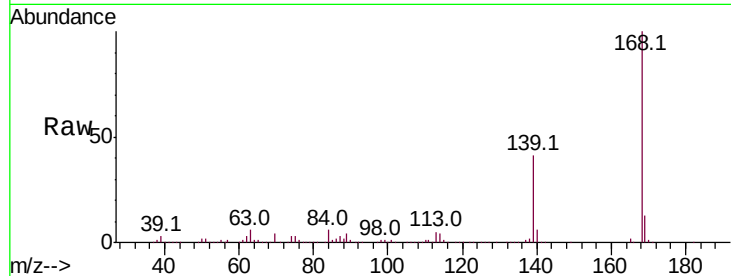
#55
Dibenzofuran
Concen: 36.411 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF110468.D
Acq: 5 Nov 2018 16:43

Instrument :
BNA_F
ClientSampled :
TP2-AMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.6	33.0	49.6
169	13.4	11.3	16.9

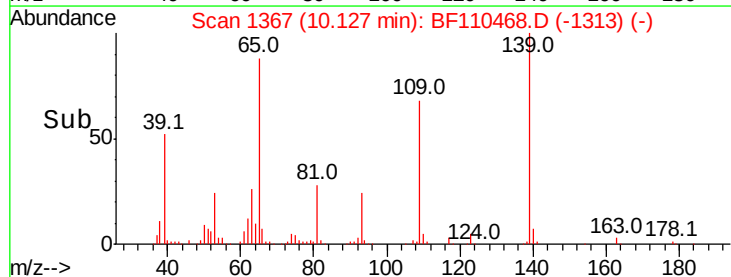
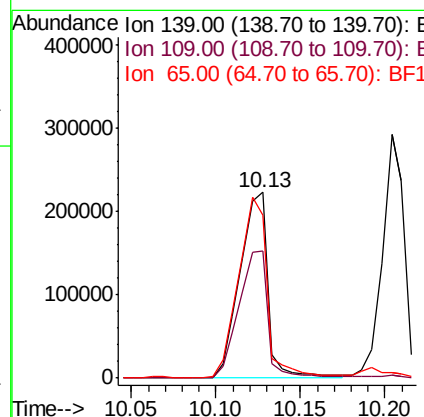
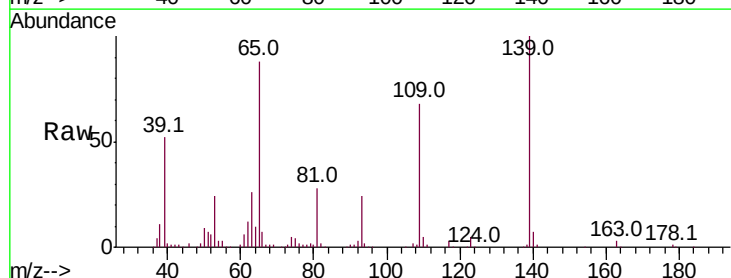
Manual Integrations
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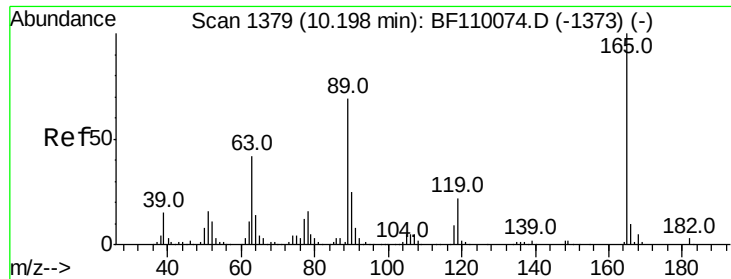
Sohil
11/6/2018 9:00:57 AM



#56
4-Nitrophenol
Concen: 91.314 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.02 min
Lab File: BF110468.D
Acq: 5 Nov 2018 16:43

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.4	55.8	95.8
65	87.8	77.9	117.9





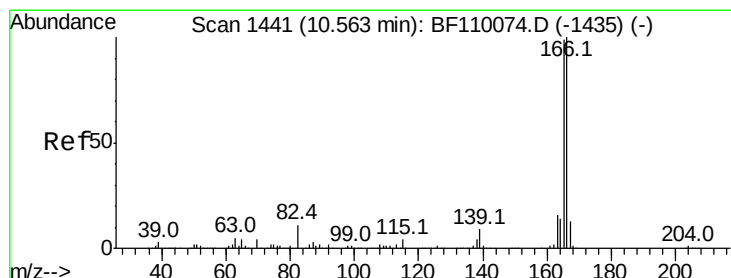
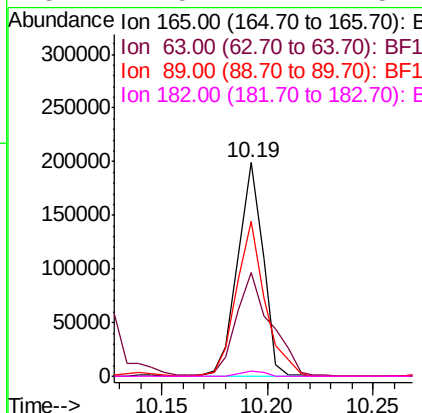
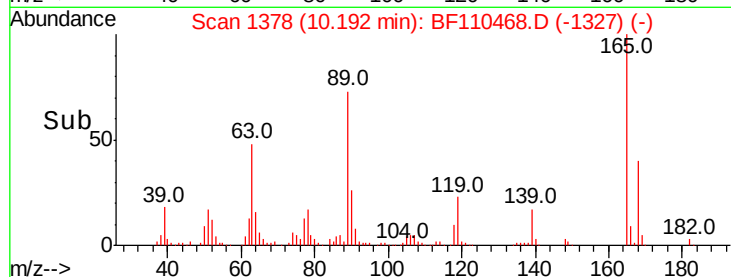
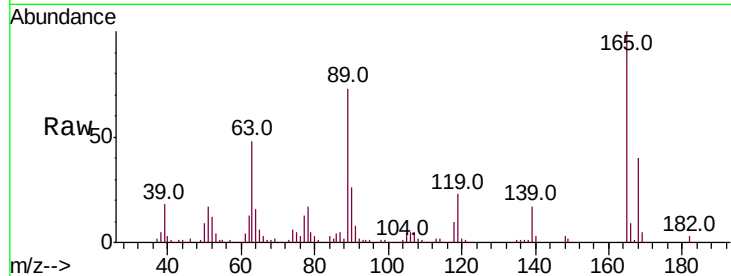
#57
2,4-Dinitrotoluene
Concen: 40.298 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF110468.D
Acq: 5 Nov 2018 16:43

Instrument :
BNA_F
ClientSampleId :
TP2-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	165800		
63	48.3		44.8	67.2
89	72.6		62.2	93.4
182	2.5		2.1	3.1

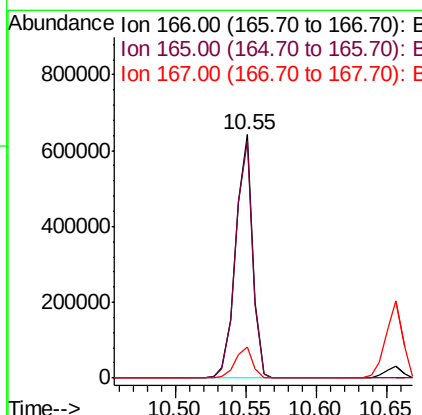
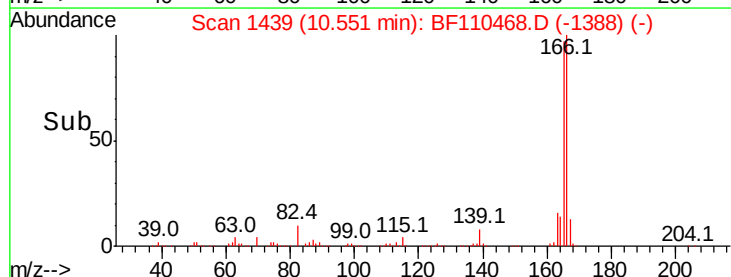
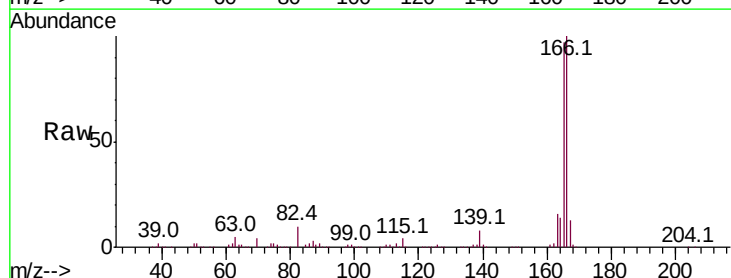
Manual Integrations
APPROVED

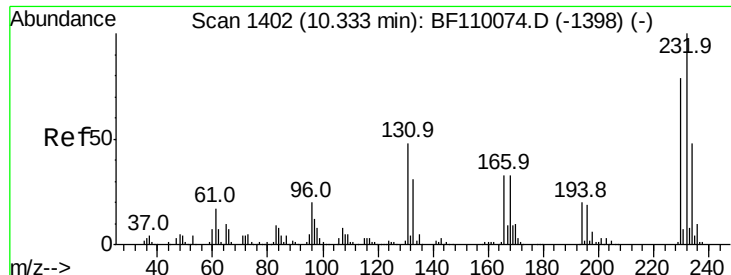
Sohil
11/6/2018 9:00:57 AM



#58
Fluorene
Concen: 39.574 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF110468.D
Acq: 5 Nov 2018 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	532430		
165	97.4		78.6	117.8
167	12.8		10.8	16.2





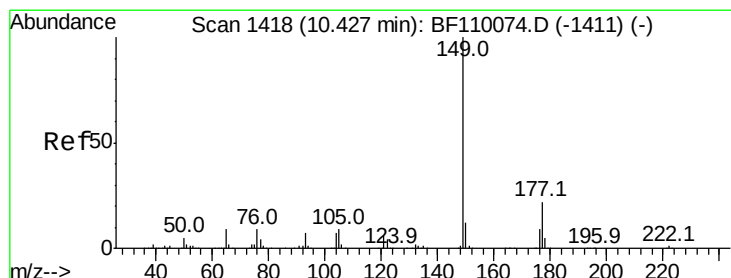
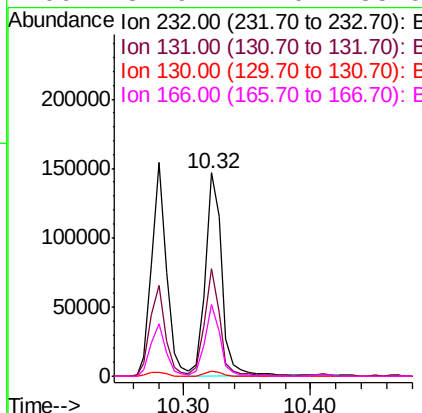
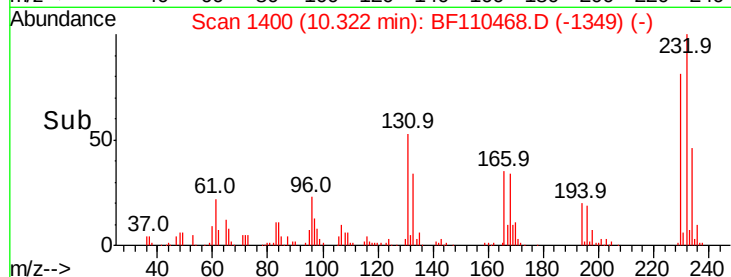
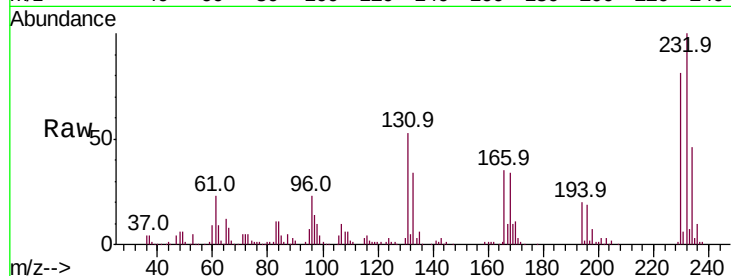
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.715 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: BF110468.D
 Acq: 5 Nov 2018 16:43

Instrument :
 BNA_F
 ClientSampleId :
 TP2-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	133030		
131	48.6		37.0	55.4
130	2.5		1.8	2.6
166	32.9		22.0	33.0

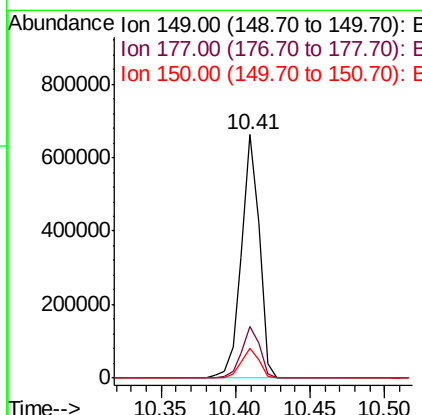
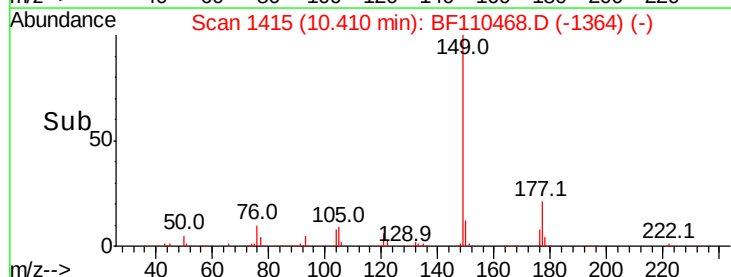
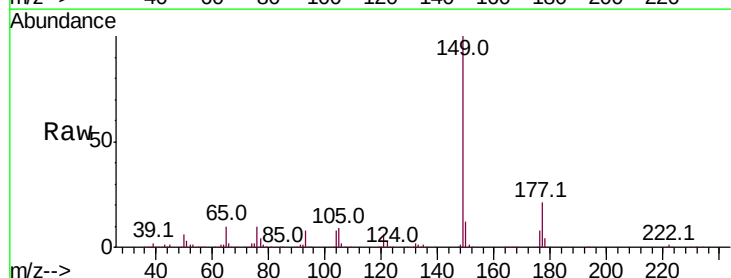
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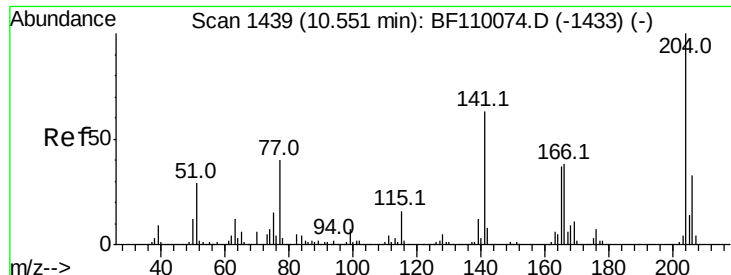
Sohil
 11/6/2018 9:00:57 AM



#60
 Diethylphthalate
 Concen: 37.746 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: BF110468.D
 Acq: 5 Nov 2018 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	554081		
177	21.3		17.4	26.2
150	12.2		9.8	14.8





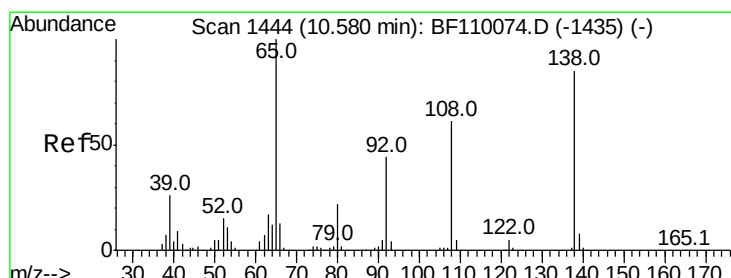
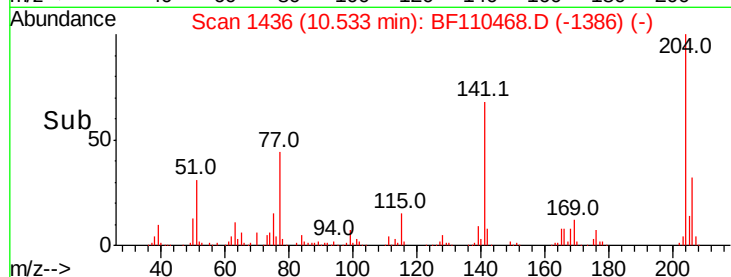
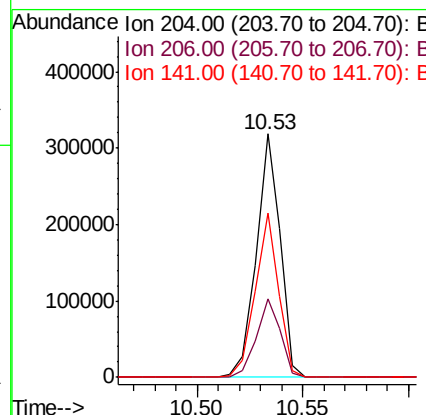
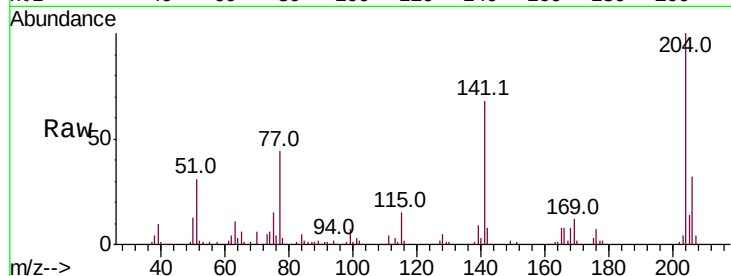
#61
4-Chlorophenyl-phenylether
Concen: 35.361 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF110468.D
Acq: 5 Nov 2018 16:43

Instrument :
BNA_F
ClientSampled :
TP2-AMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.5	39.7
141	67.6	51.8	77.8

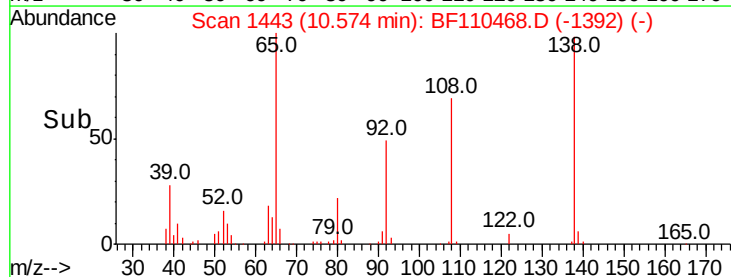
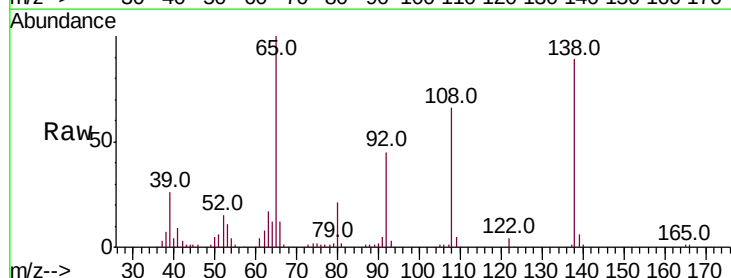
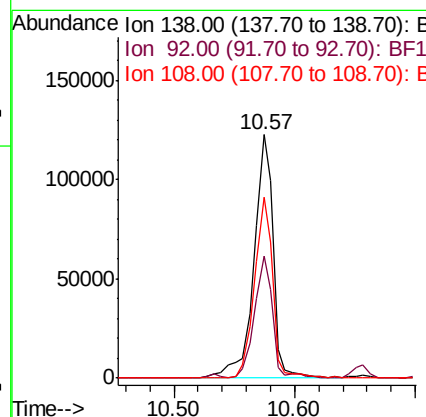
Manual Integrations
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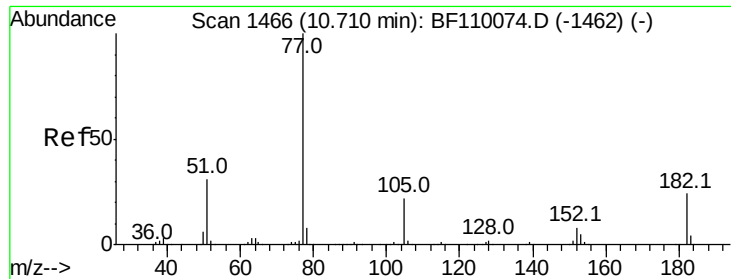
Sohil
11/6/2018 9:00:57 AM



#62
4-Nitroaniline
Concen: 35.888 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BF110468.D
Acq: 5 Nov 2018 16:43

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.1	31.7	71.7
108	74.1	59.3	99.3





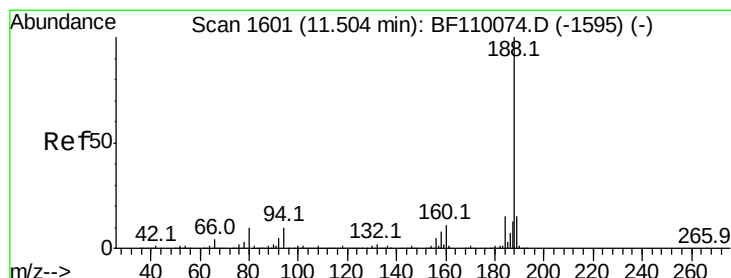
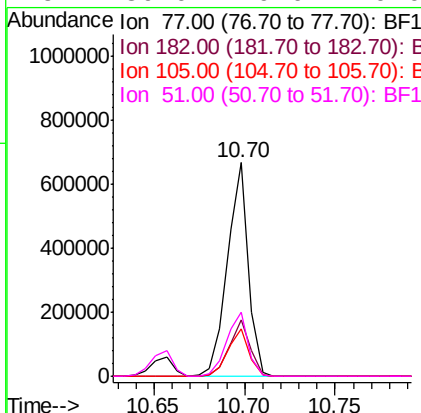
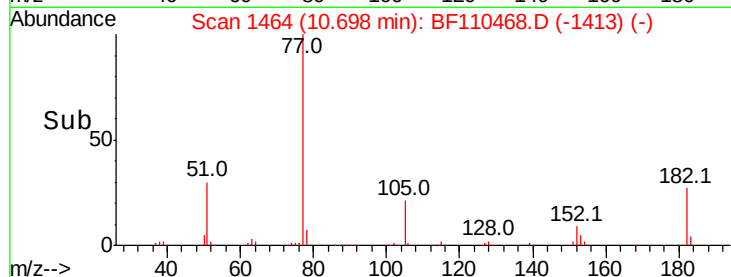
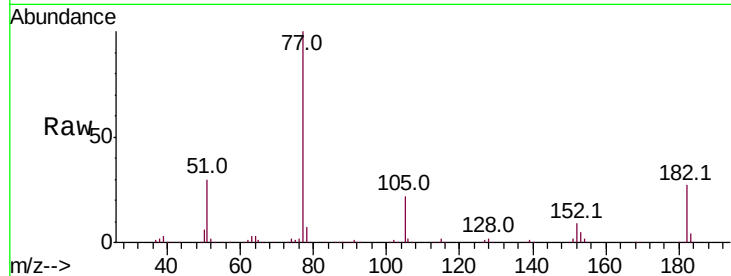
#63
Azobenzene
Concen: 36.771 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BF110468.D
Acq: 5 Nov 2018 16:43

Instrument :
BNA_F
ClientSampled :
TP2-AMSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.5	4.3	44.3
105	22.5	1.3	41.3
51	30.0	9.0	49.0

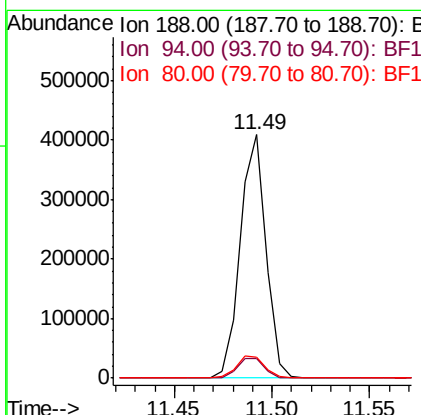
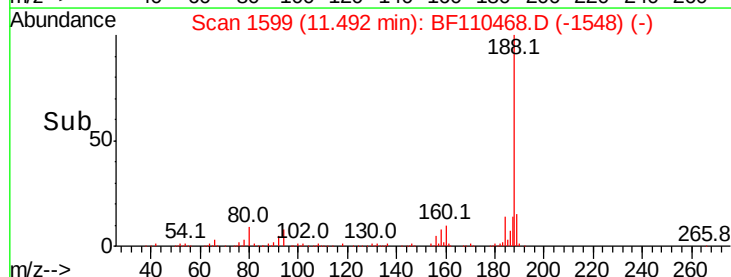
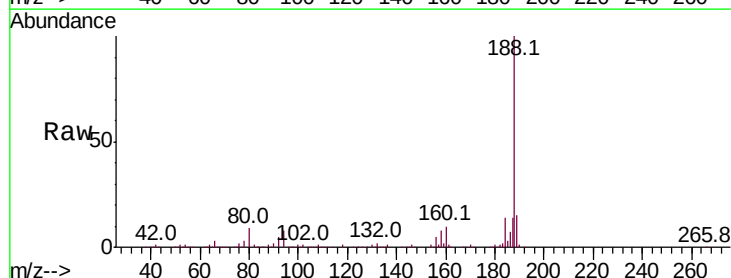
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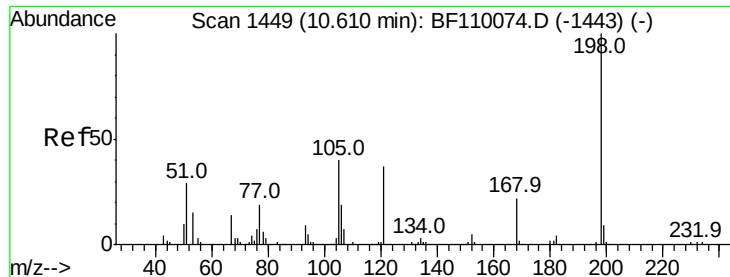
Sohil
11/6/2018 9:00:57 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF110468.D
Acq: 5 Nov 2018 16:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.2	10.8
80	8.8	7.9	11.9





#65

4,6-Dinitro-2-methylphenol

Concen: 30.558 ng

RT: 10.60 min Scan# 1448

Delta R.T. 0.00 min

Lab File: BF110468.D

Acq: 5 Nov 2018 16:43

Instrument :

BNA_F

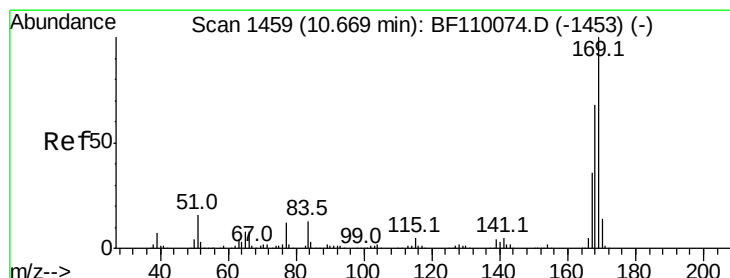
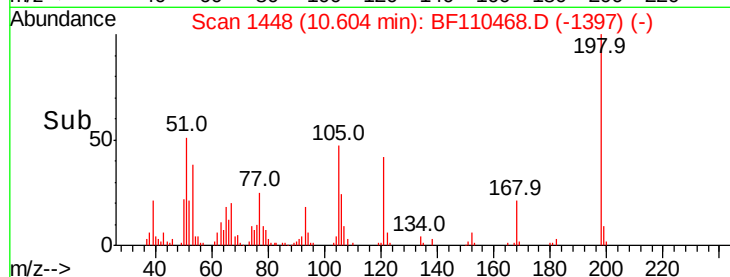
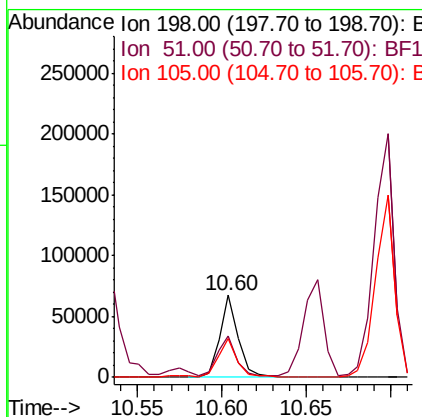
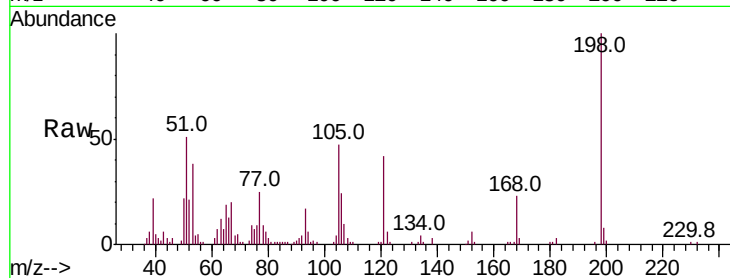
ClientSampled :

TP2-AMSD

Tot Ion:	198	Resp:	52173
Ion Ratio	Lower	Upper	
198	100		
51	51.0	22.8	62.8
105	47.0	23.6	63.6

Manual Integrations
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11/6/2018 9:00:57 AM



#66

n-Nitrosodiphenylamine

Concen: 38.192 ng

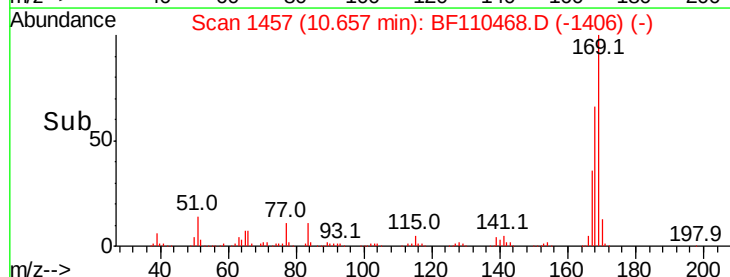
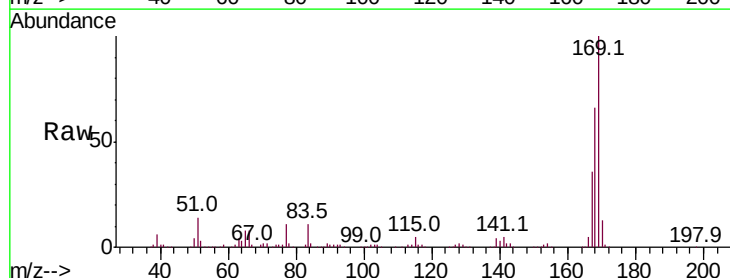
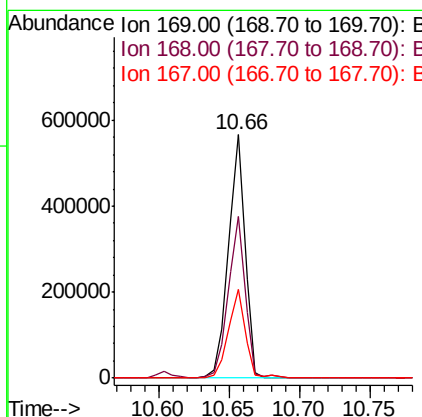
RT: 10.66 min Scan# 1457

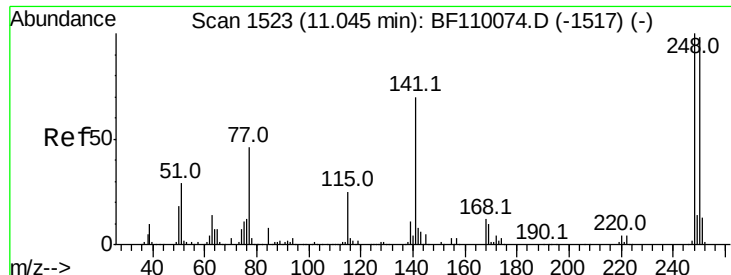
Delta R.T. 0.00 min

Lab File: BF110468.D

Acq: 5 Nov 2018 16:43

Tgt Ion:	169	Resp:	468142
Ion Ratio	Lower	Upper	
169	100		
168	66.3	51.2	76.8
167	36.2	27.8	41.6





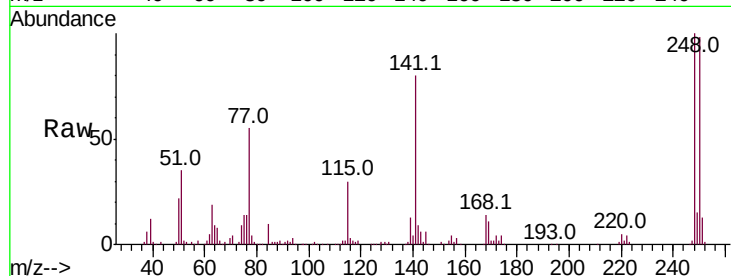
#67
4-Bromophenyl-phenylether
Concen: 36.919 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BF110468.D
Acq: 5 Nov 2018 16:43

Instrument :
BNA_F
ClientSampled :
TP2-AMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	79.4	119.2
141	79.5	55.9	83.9

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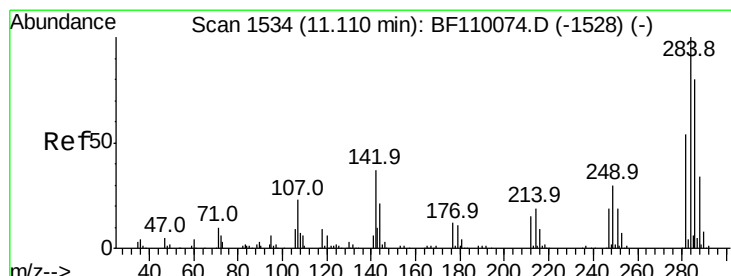
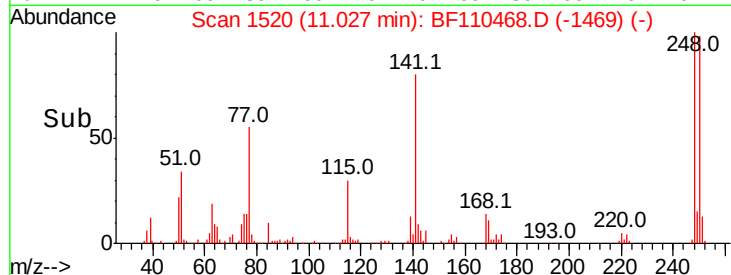
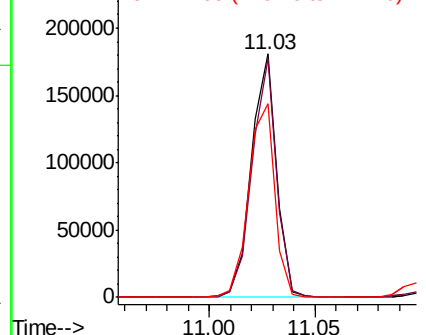


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 36.060 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BF110468.D
Acq: 5 Nov 2018 16:43

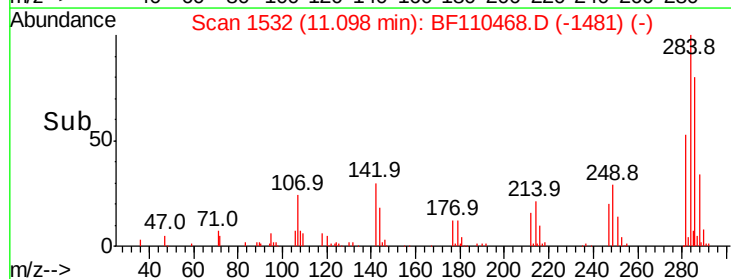
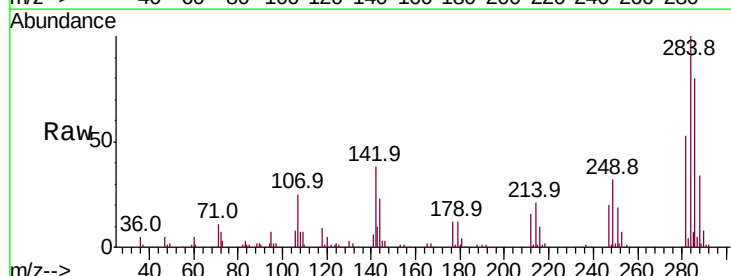
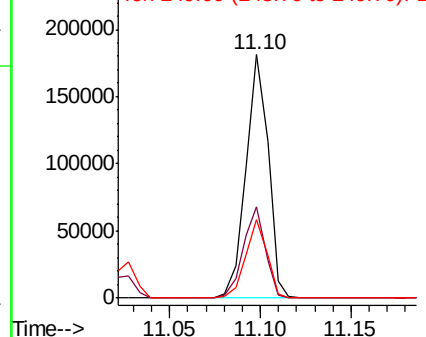
Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.7	23.9	35.9#
249	32.0	24.2	36.2

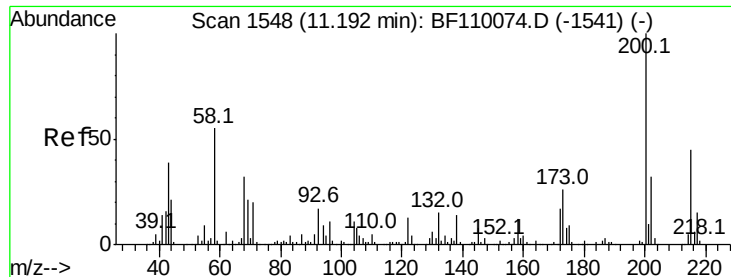
Abundance

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





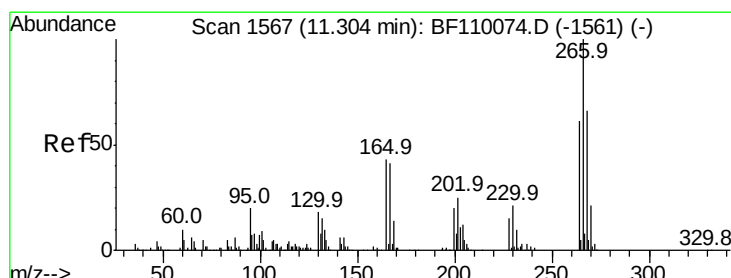
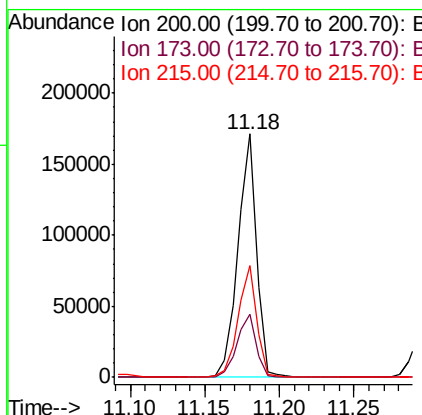
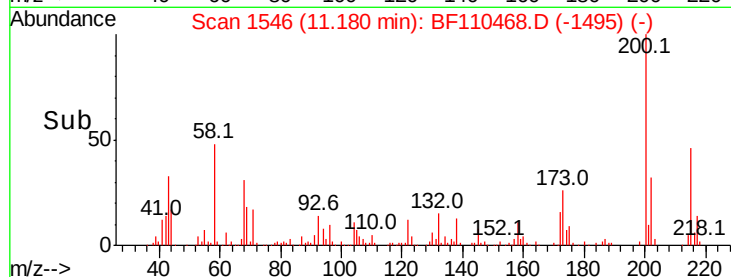
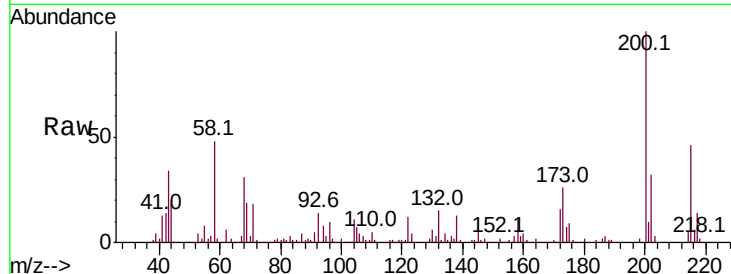
#69
Atrazine
Concen: 38.804 ng
RT: 11.18 min Scan# 1546
Delta R.T. 0.00 min
Lab File: BF110468.D
Acq: 5 Nov 2018 16:43

Instrument :
BNA_F
ClientSampleId :
TP2-AMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.8	6.6	46.6
215	45.9	26.3	66.3

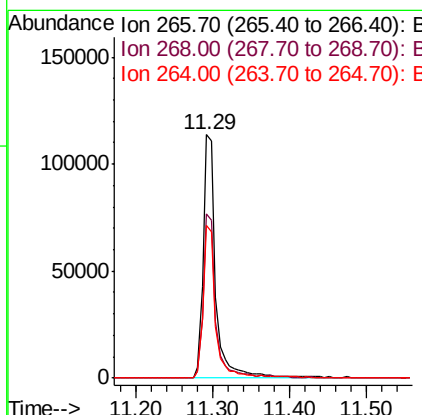
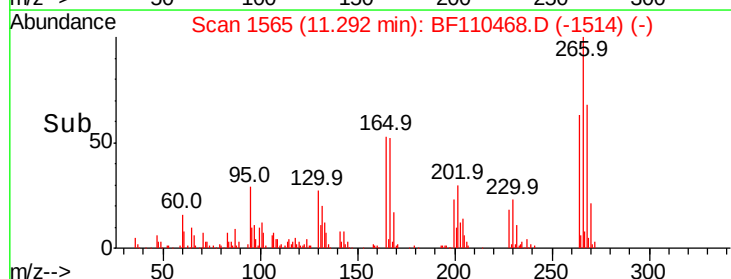
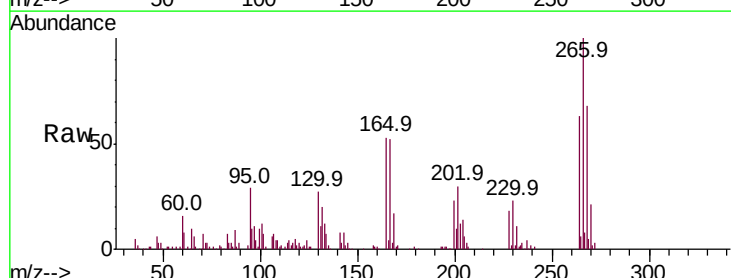
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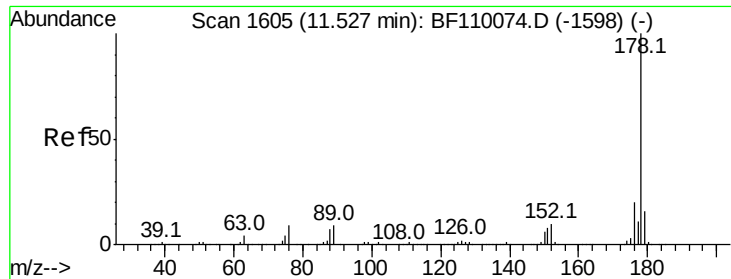
Sohil
11/6/2018 9:00:57 AM



#70
Pentachlorophenol
Concen: 52.069 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.00 min
Lab File: BF110468.D
Acq: 5 Nov 2018 16:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	67.5	50.6	75.8
264	62.7	50.6	75.8





#71

Phenanthrene

Concen: 38.911 ng

RT: 11.52 min Scan# 1603

Delta R.T. 0.00 min

Lab File: BF110468.D

Acq: 5 Nov 2018 16:43

Instrument :

BNA_F

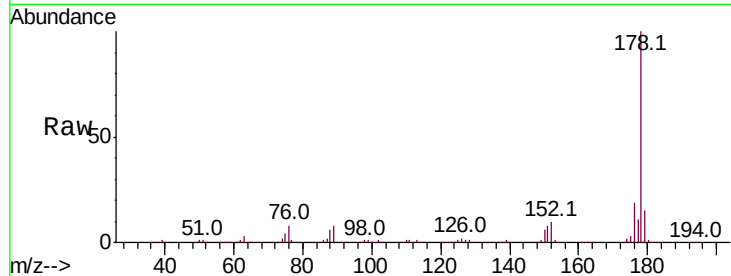
ClientSampleId :

TP2-AMSD

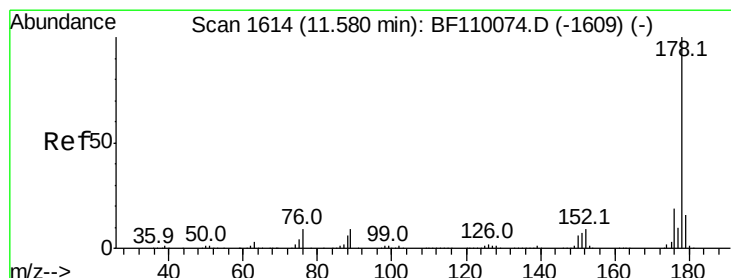
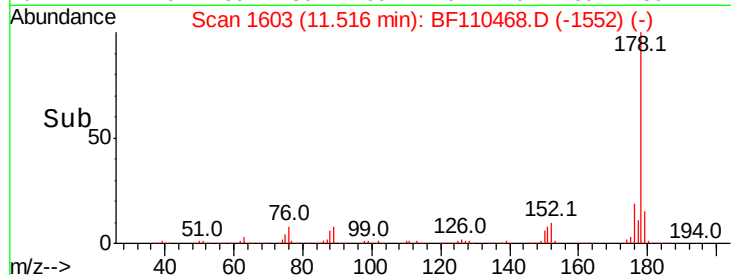
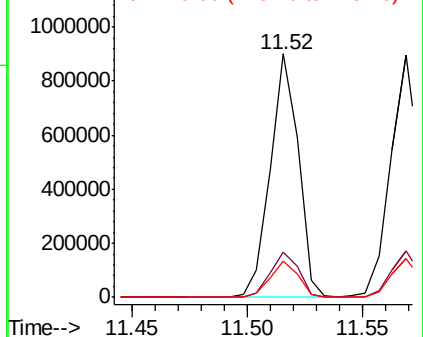
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.5	23.3
179	15.1	12.5	18.7

Manual Integrations
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Sohil
11/6/2018 9:00:57 AM



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



#72

Anthracene

Concen: 40.067 ng

RT: 11.57 min Scan# 1612

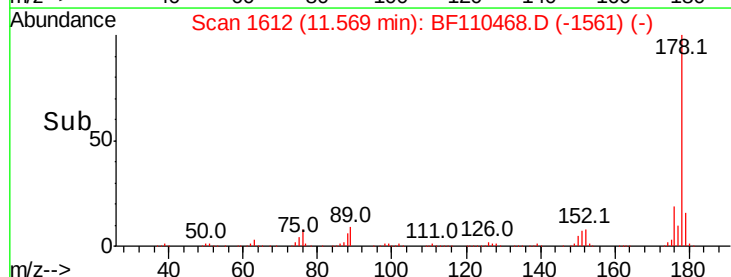
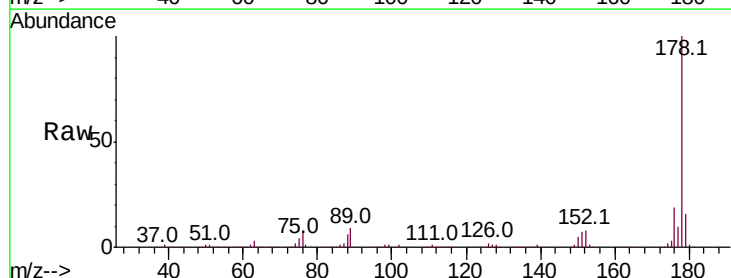
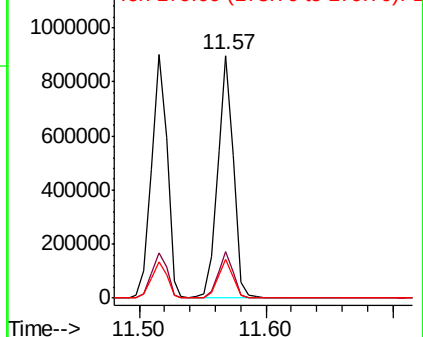
Delta R.T. 0.00 min

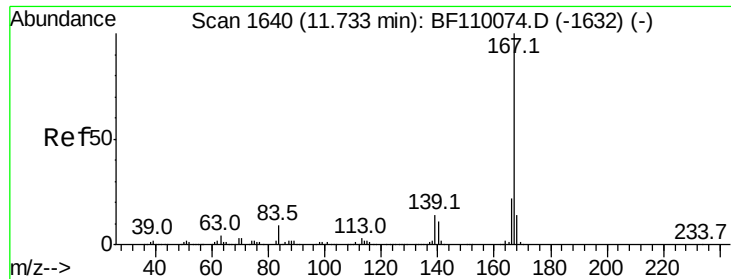
Lab File: BF110468.D

Acq: 5 Nov 2018 16:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.8	12.6	18.8

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





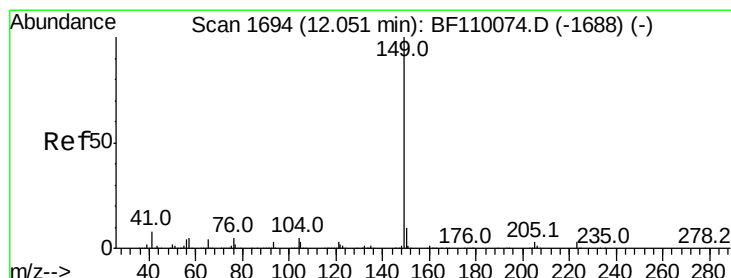
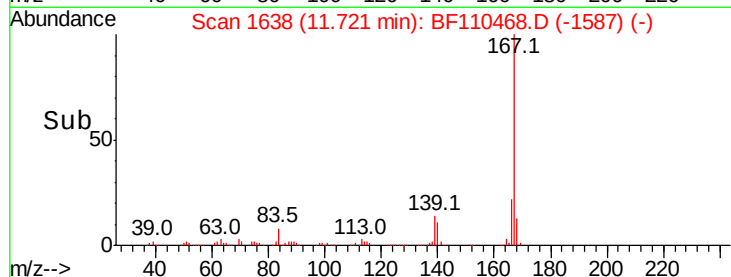
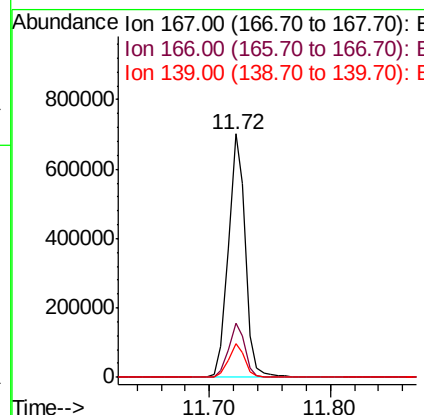
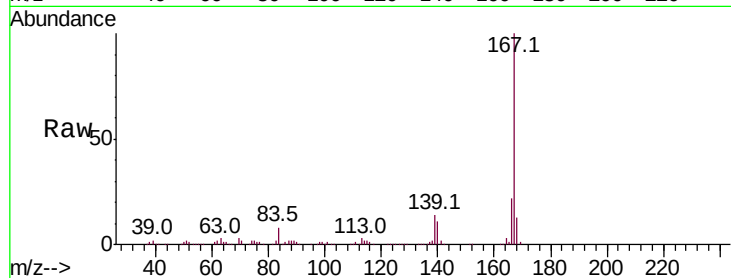
#73
 Carbazole
 Concen: 35.426 ng
 RT: 11.72 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: BF110468.D
 Acq: 5 Nov 2018 16:43

Instrument :
 BNA_F
 ClientSampleId :
 TP2-AMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.4	26.0
139	13.8	10.9	16.3

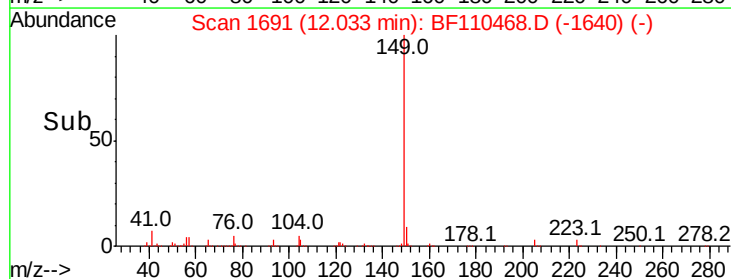
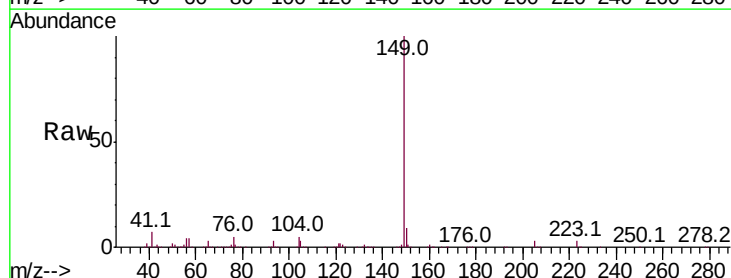
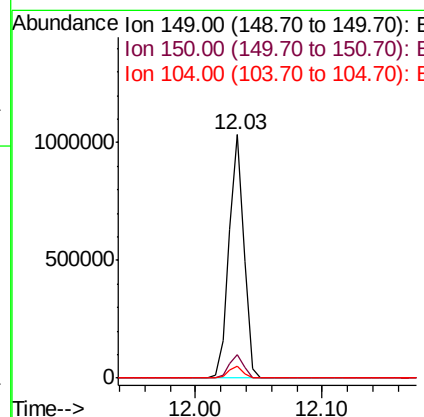
Manual Integrations
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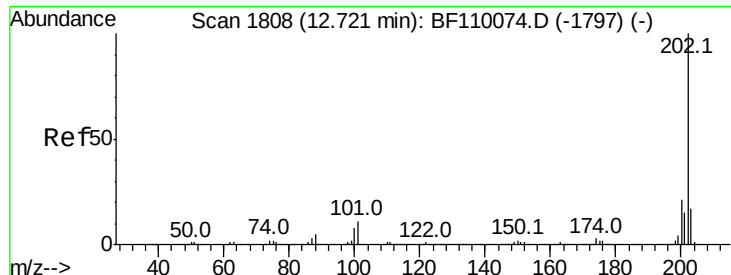
Sohil
 11/6/2018 9:00:57 AM



#74
 Di-n-butylphthalate
 Concen: 39.005 ng
 RT: 12.03 min Scan# 1691
 Delta R.T. 0.00 min
 Lab File: BF110468.D
 Acq: 5 Nov 2018 16:43

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	5.0	4.2	6.4





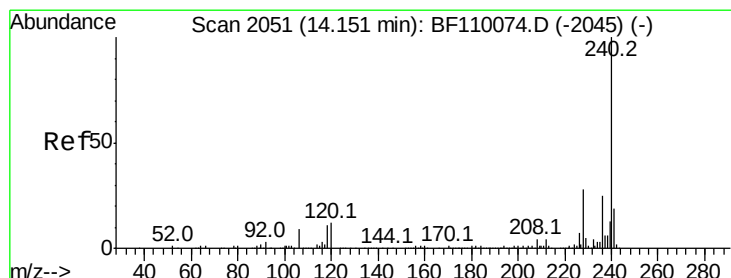
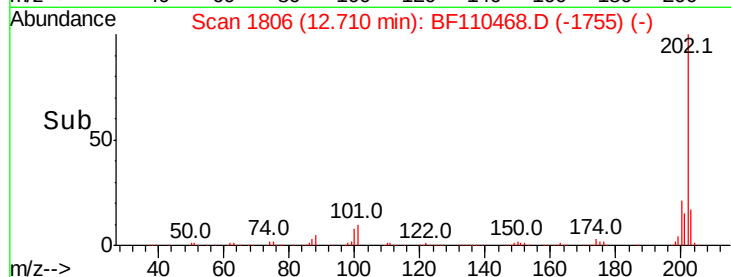
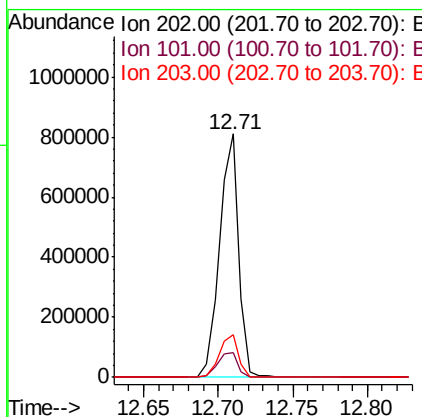
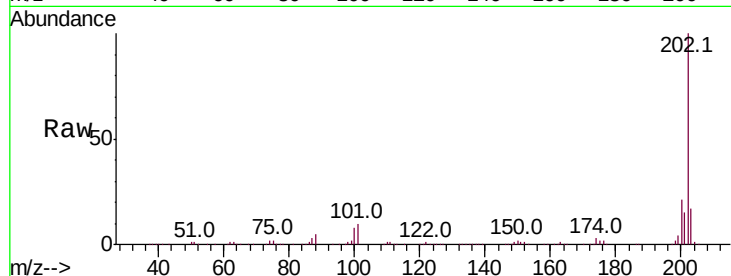
#75
 Fluoranthene
 Concen: 36.852 ng
 RT: 12.71 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: BF110468.D
 Acq: 5 Nov 2018 16:43

Instrument :
 BNA_F
 ClientSampleId :
 TP2-AMSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.4	0.0	31.4
203	17.5	0.0	37.7

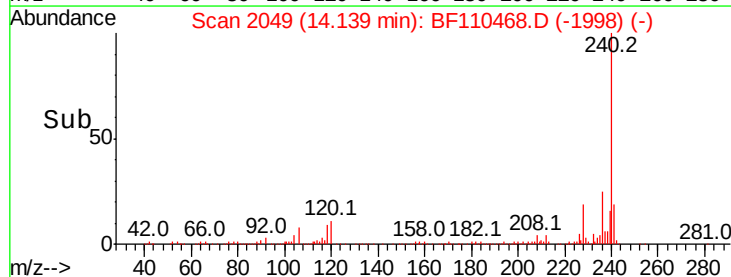
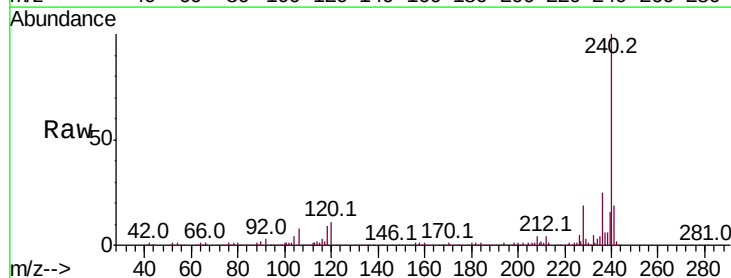
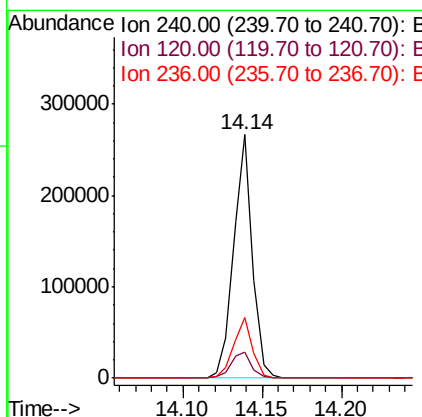
Manual Integrations
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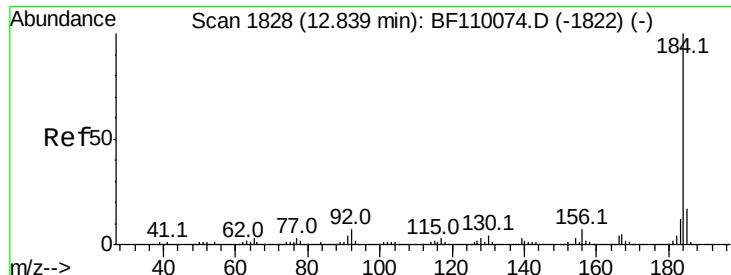
Sohil
 11/6/2018 9:00:57 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: BF110468.D
 Acq: 5 Nov 2018 16:43

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.6	8.3	12.5
236	25.1	21.2	31.8





#77

Benzidine

Concen: Below Cal

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF110468.D

Acq: 5 Nov 2018 16:43

Instrument :

BNA_F

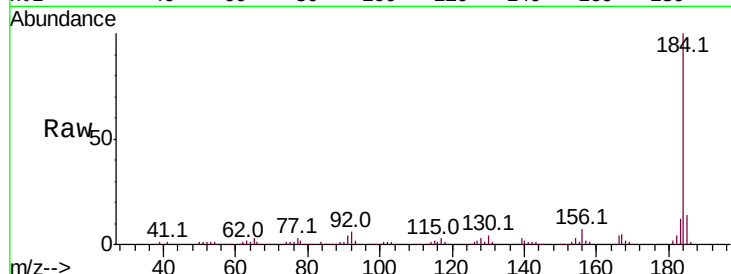
ClientSampleId :

TP2-AMSD

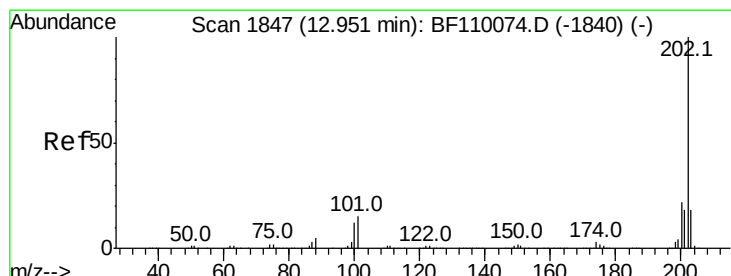
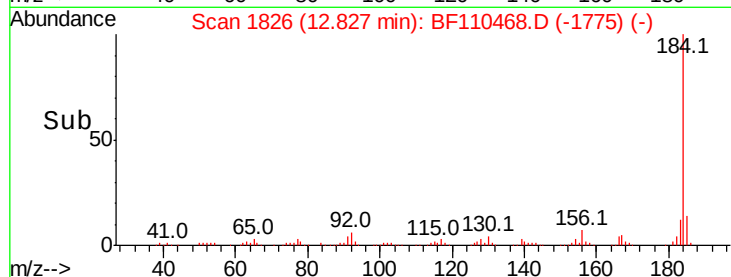
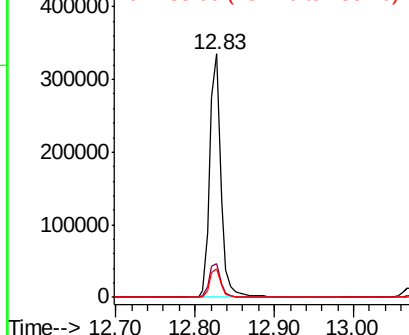
Tot Ion:	184	Resp:	329970
Ion Ratio	Lower	Upper	
184	100		
185	13.7	13.4	20.2
183	11.9	9.4	14.2

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



#78

Pyrene

Concen: 45.248 ng

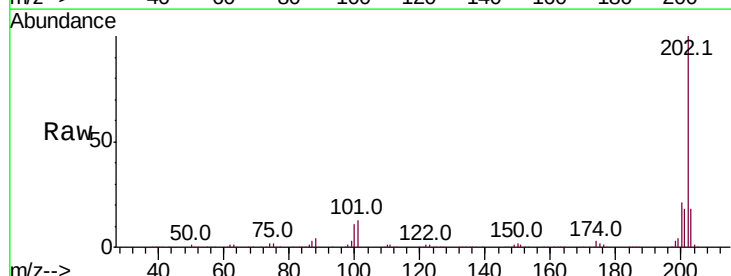
RT: 12.94 min Scan# 1845

Delta R.T. 0.00 min

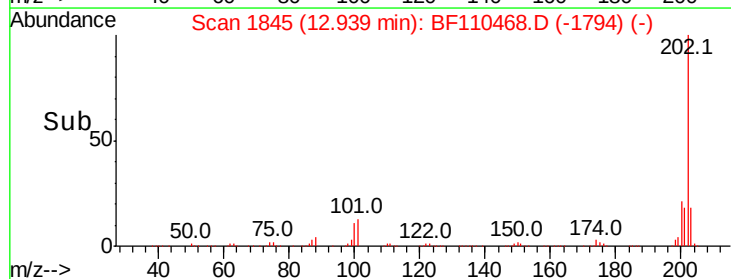
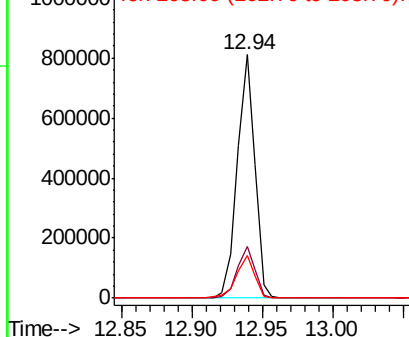
Lab File: BF110468.D

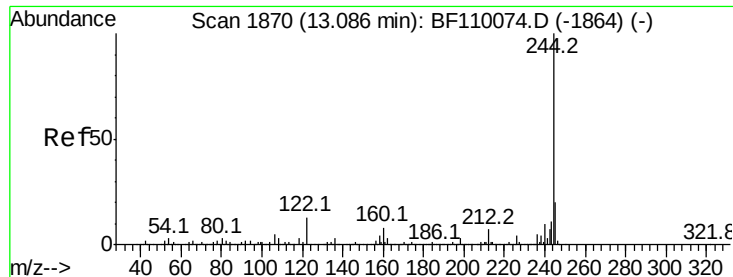
Acq: 5 Nov 2018 16:43

Tgt Ion:	202	Resp:	705708
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.8	26.6
203	17.6	14.2	21.4



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





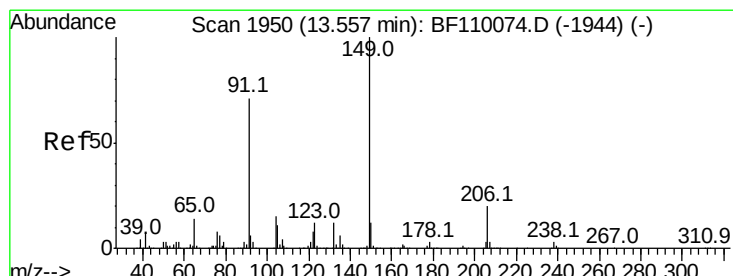
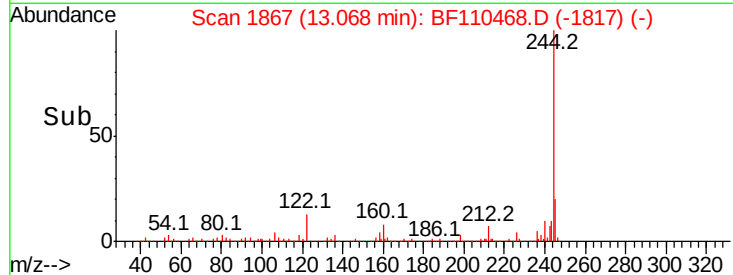
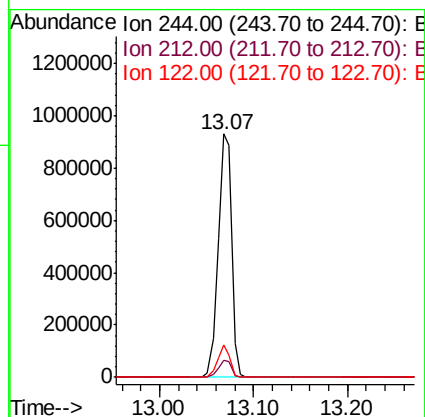
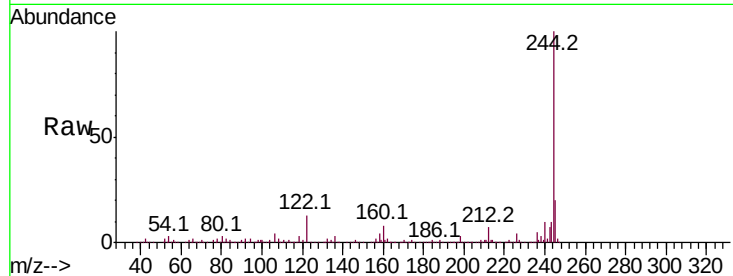
#79
 Terphenyl-d14
 Concen: 90.091 ng
 RT: 13.07 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: BF110468.D
 Acq: 5 Nov 2018 16:43

Instrument :
 BNA_F
 ClientSampleId :
 TP2-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.3	5.8	8.8	
122	13.5	8.7	13.1	

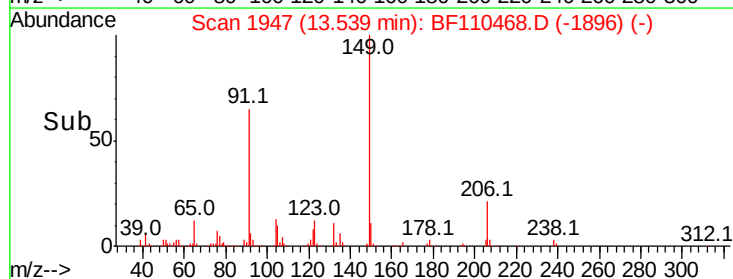
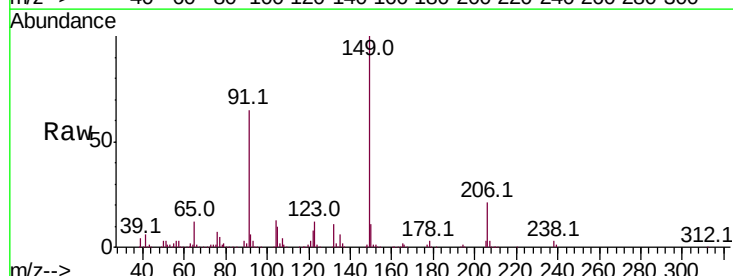
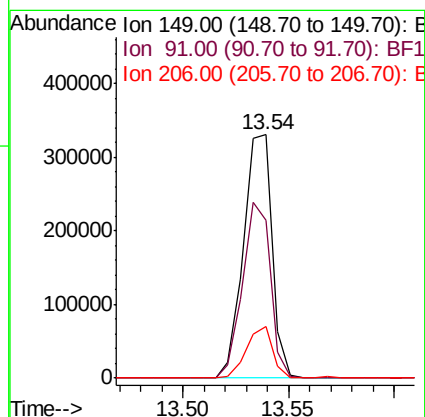
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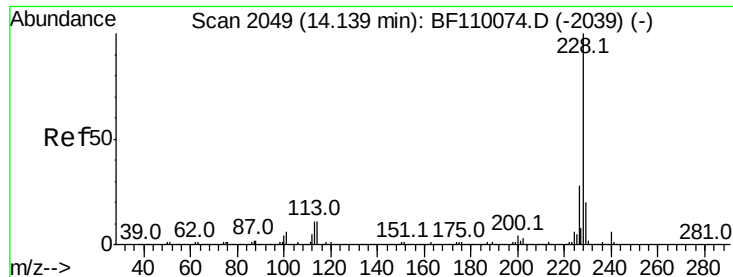
Sohil
 11/6/2018 9:00:57 AM



#80
 Butylbenzylphthalate
 Concen: 46.123 ng
 RT: 13.54 min Scan# 1947
 Delta R.T. 0.00 min
 Lab File: BF110468.D
 Acq: 5 Nov 2018 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	64.7	57.2	85.8	
206	21.0	15.7	23.5	





#81

Benzo(a)anthracene

Concen: 39.003 ng

RT: 14.13 min Scan# 2047

Delta R.T. 0.00 min

Lab File: BF110468.D

Acq: 5 Nov 2018 16:43

Instrument :

BNA_F

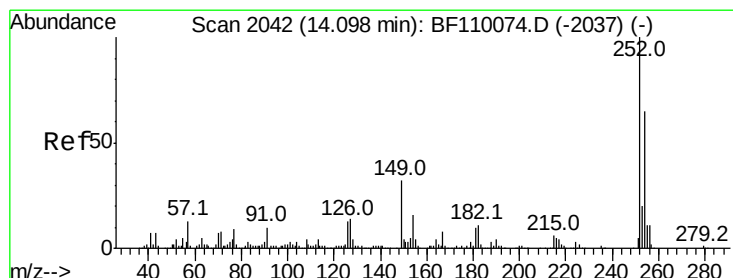
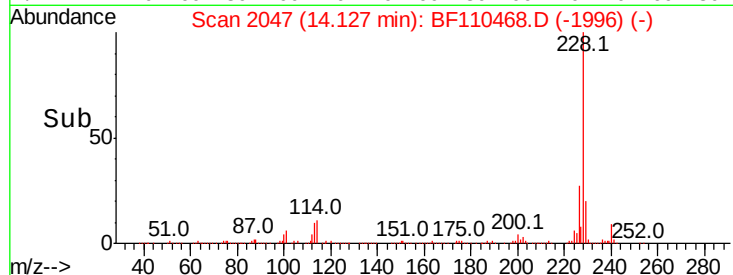
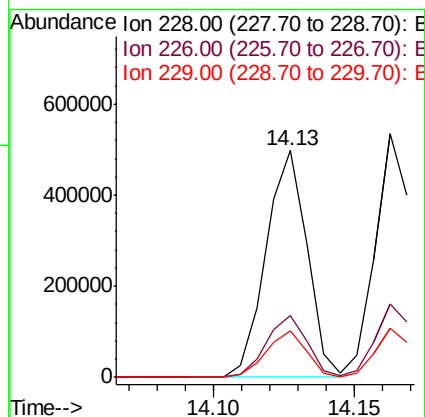
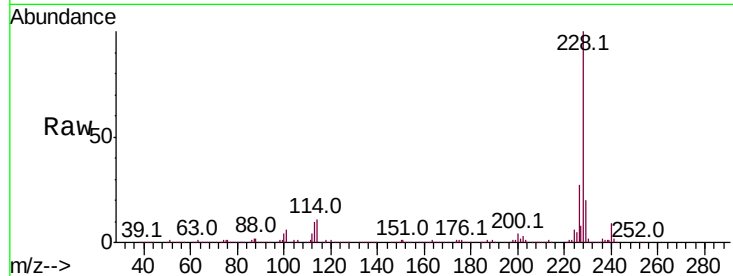
ClientSampleId :

TP2-AMSD

Tot Ion:	228	Resp:	503187
Ion Ratio	Lower	Upper	
228	100		
226	27.3	22.1	33.1
229	20.3	15.6	23.4

Manual Integrations
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Sohil
11/6/2018 9:00:57 AM



#82

3,3'-Dichlorobenzidine

Concen: 25.680 ng

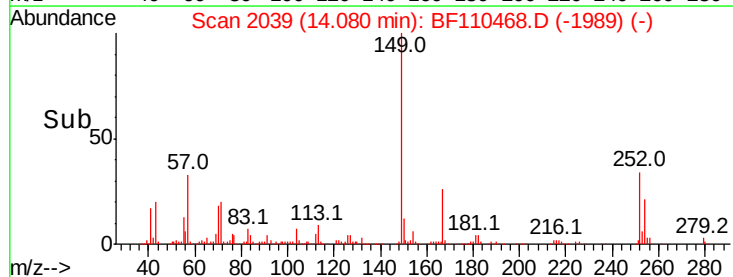
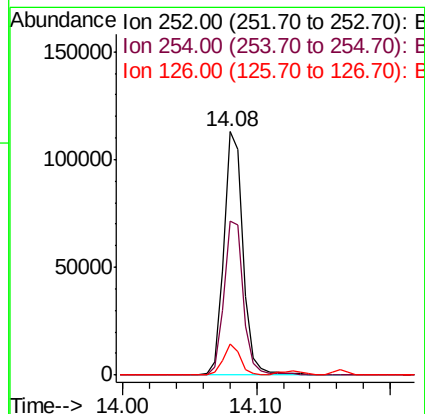
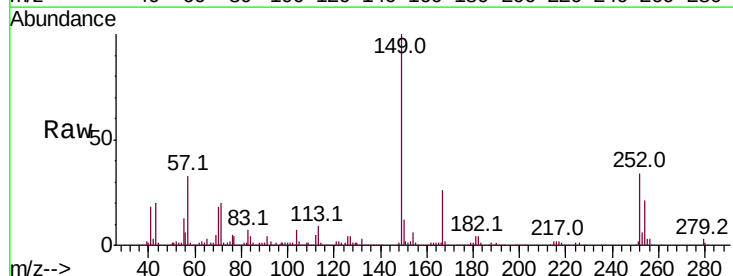
RT: 14.08 min Scan# 2039

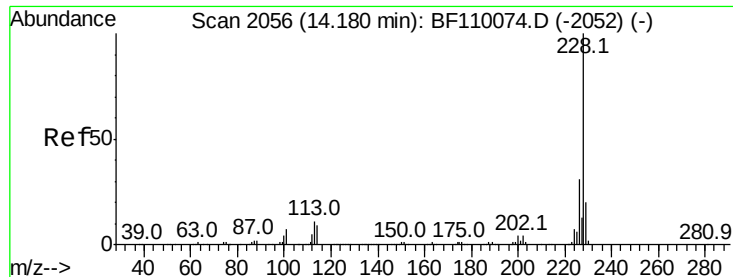
Delta R.T. -0.01 min

Lab File: BF110468.D

Acq: 5 Nov 2018 16:43

Tgt Ion:	252	Resp:	115363
Ion Ratio	Lower	Upper	
252	100		
254	63.5	51.3	76.9
126	12.8	9.4	14.2





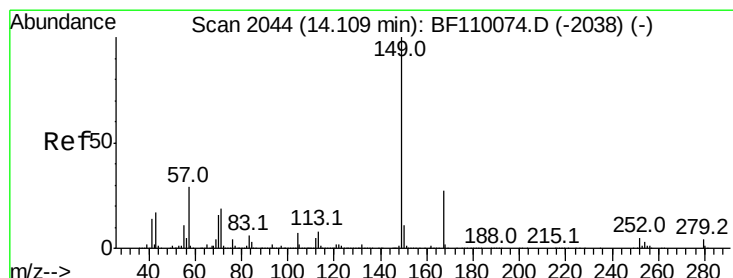
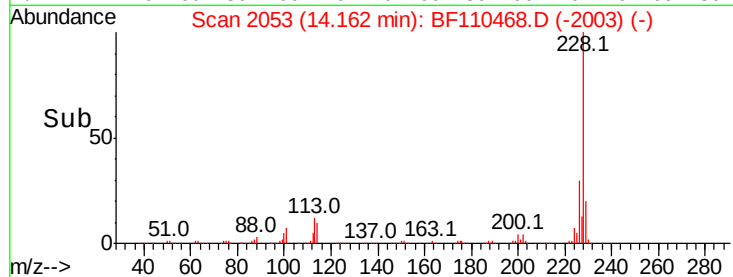
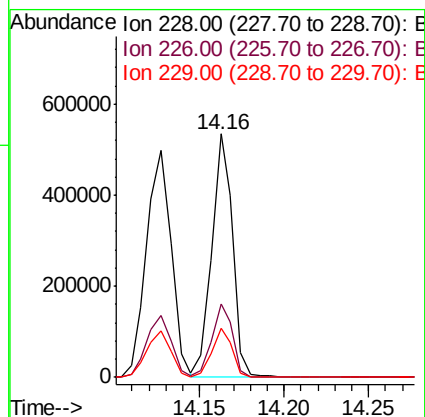
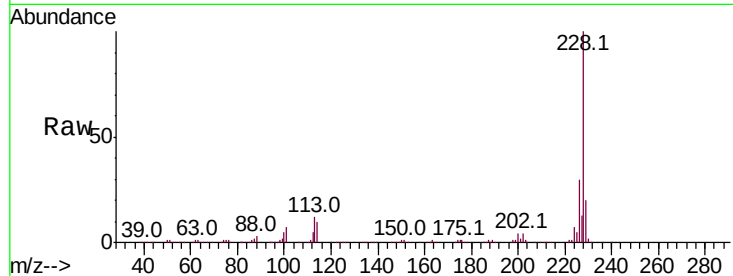
#83
Chrysene
Concen: 37.711 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BF110468.D
Acq: 5 Nov 2018 16:43

Instrument :
BNA_F
ClientSampleId :
TP2-AMSD

Tot Ion:	228	Resp:	462099
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.7	37.1
229	20.2	15.9	23.9

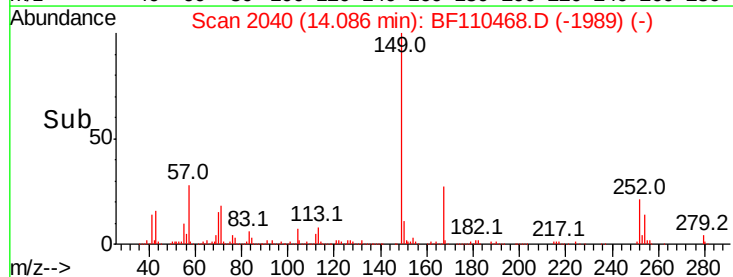
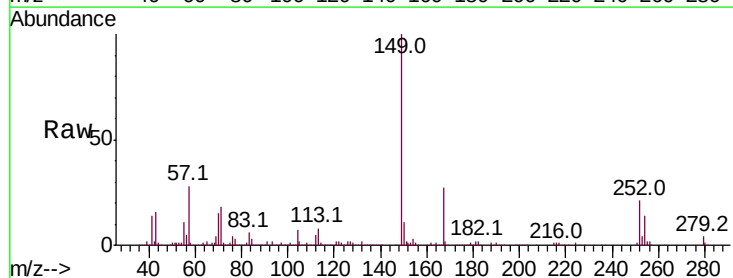
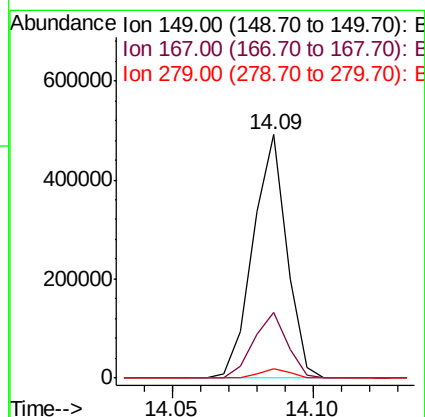
Manual Integrations
APPROVED

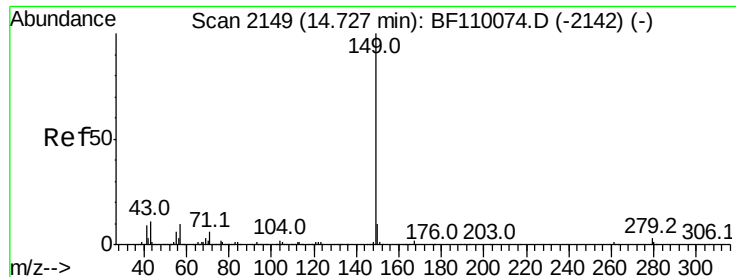
Sohil
11/6/2018 9:00:57 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.506 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BF110468.D
Acq: 5 Nov 2018 16:43

Tgt Ion:	149	Resp:	407277
Ion Ratio	Lower	Upper	
149	100		
167	27.2	19.8	29.8
279	3.6	2.7	4.1





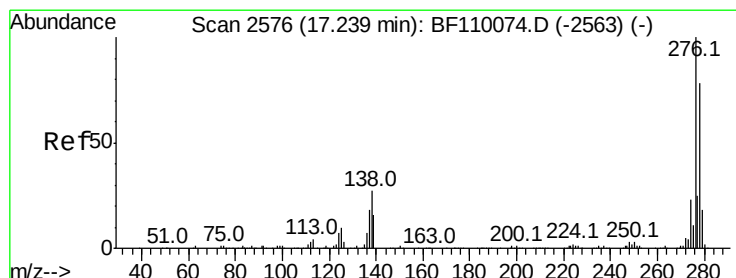
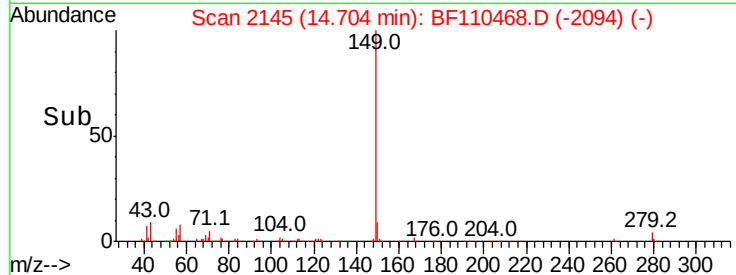
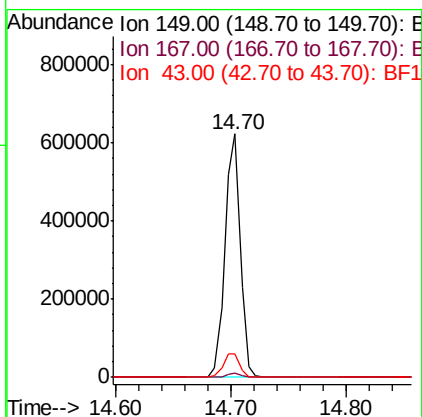
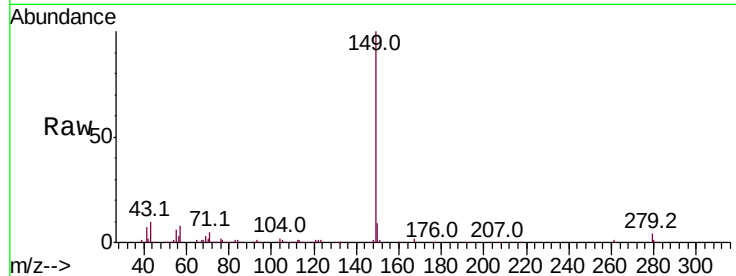
#85
Di-n-octyl phthalate
Concen: 40.060 ng
RT: 14.70 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BF110468.D
Acq: 5 Nov 2018 16:43

Instrument :
BNA_F
ClientSampleId :
TP2-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	570027		
167	1.5		1.1	1.7
43	10.3		7.8	11.8

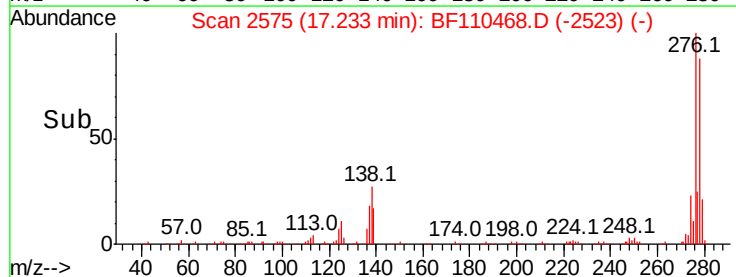
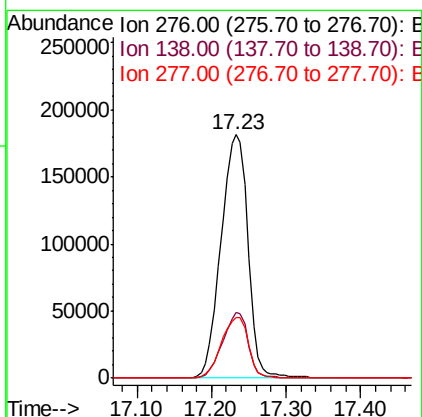
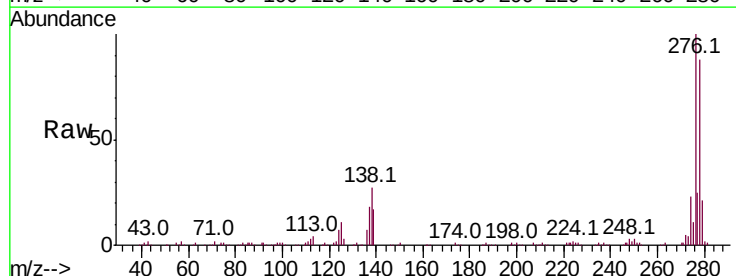
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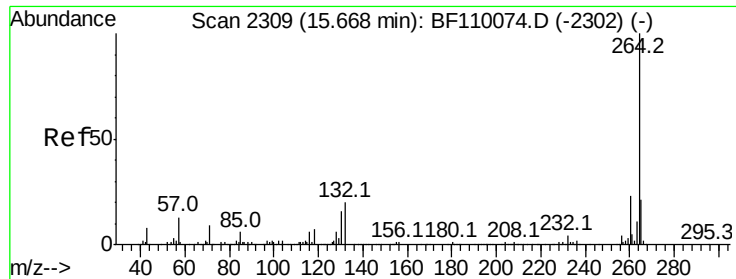
Sohil
11/6/2018 9:00:57 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.884 ng
RT: 17.23 min Scan# 2575
Delta R.T. 0.01 min
Lab File: BF110468.D
Acq: 5 Nov 2018 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	456264		
138	25.7		18.5	27.7
277	25.0		20.0	30.0





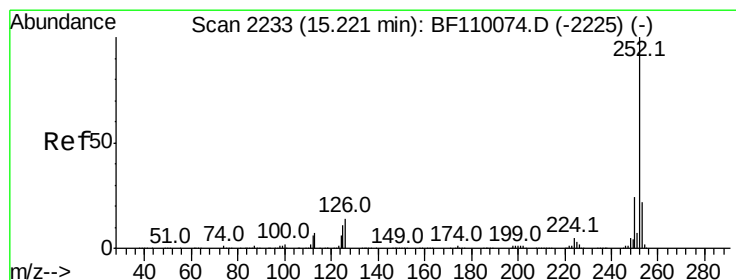
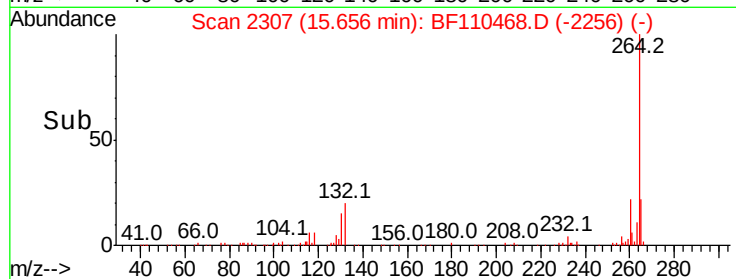
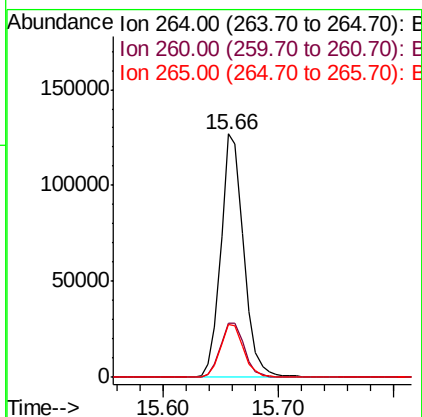
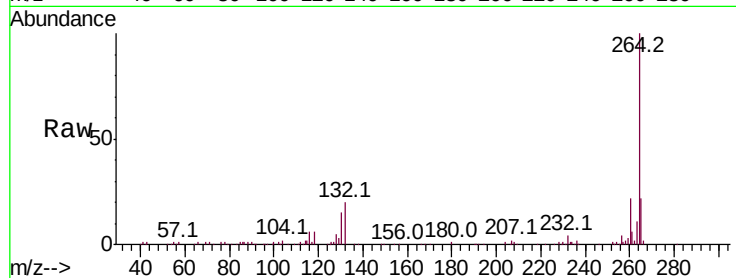
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110468.D
Acq: 5 Nov 2018 16:43

Instrument :
BNA_F
ClientSampleId :
TP2-AMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.7	28.1
265	21.6	16.7	25.1

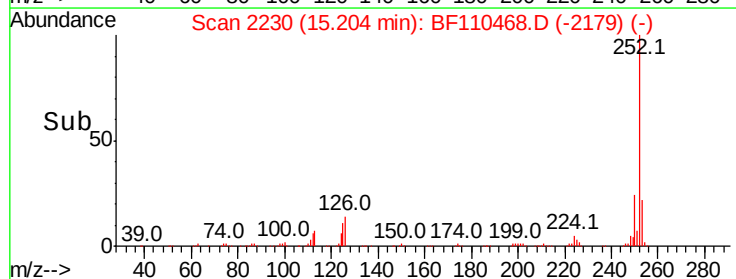
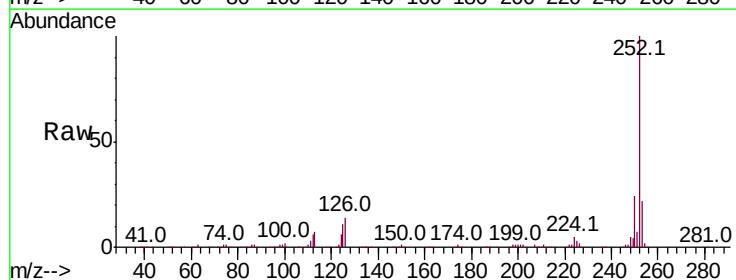
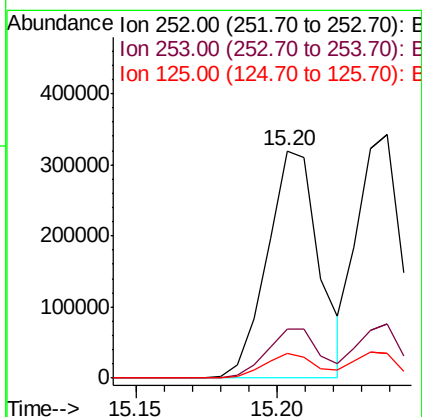
Manual Integrations
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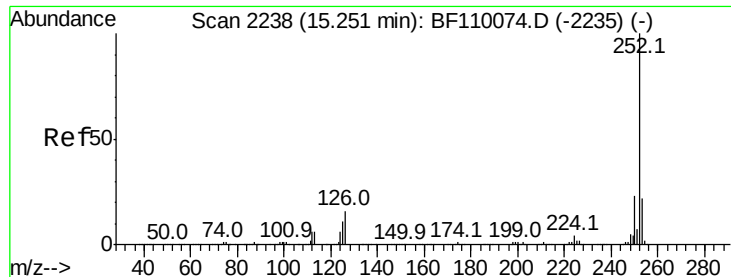
Sohil
11/6/2018 9:00:57 AM



#88
Benzo(b)fluoranthene
Concen: 40.732 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110468.D
Acq: 5 Nov 2018 16:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	11.0	8.2	12.4





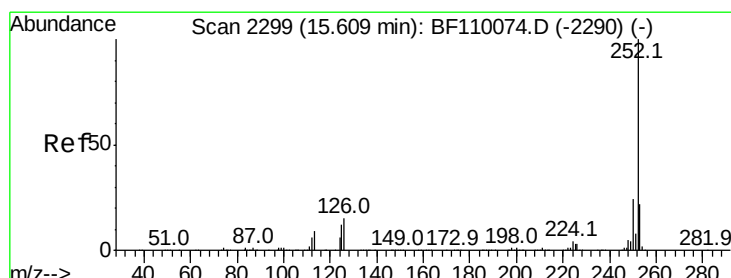
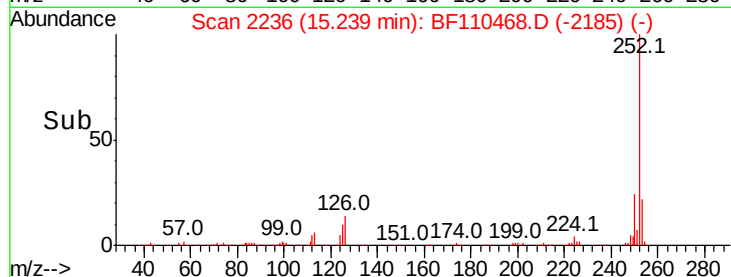
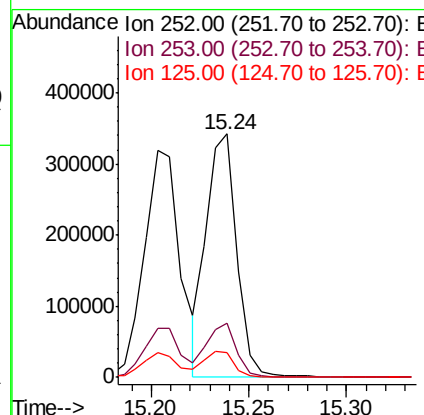
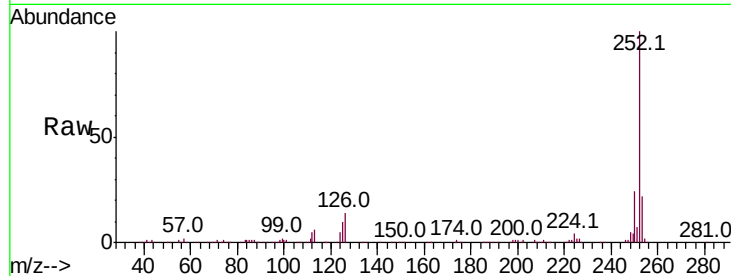
#89
Benzo(k)fluoranthene
Concen: 37.329 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF110468.D
Acq: 5 Nov 2018 16:43

Instrument :
BNA_F
ClientSampled :
TP2-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	10.0	7.4	11.0

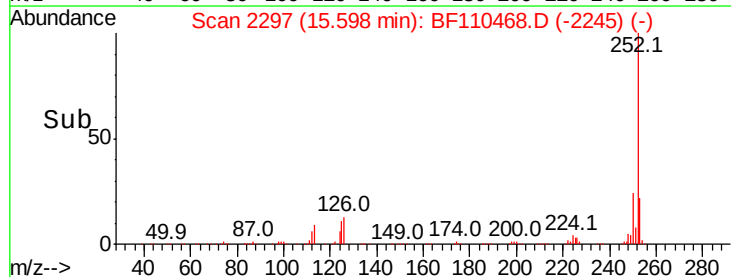
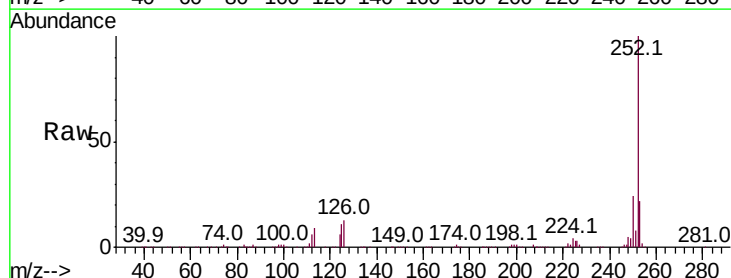
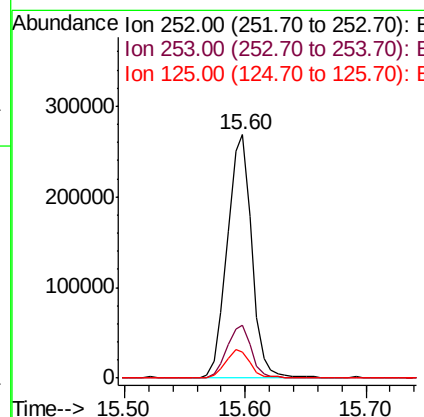
Manual Integrations
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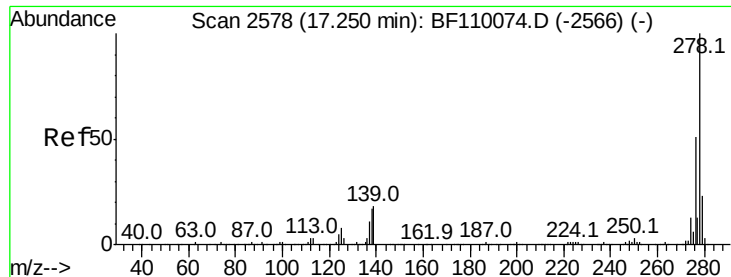
Sohil
11/6/2018 9:00:57 AM



#90
Benzo(a)pyrene
Concen: 40.840 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.01 min
Lab File: BF110468.D
Acq: 5 Nov 2018 16:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	10.9	9.0	13.6





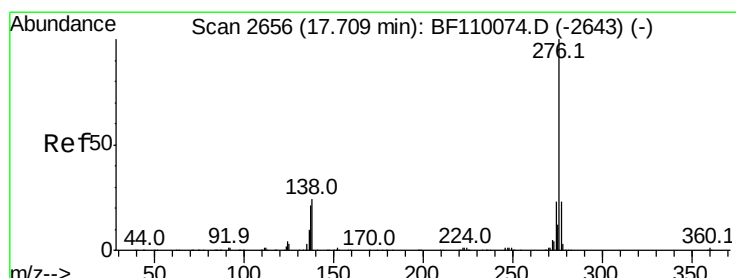
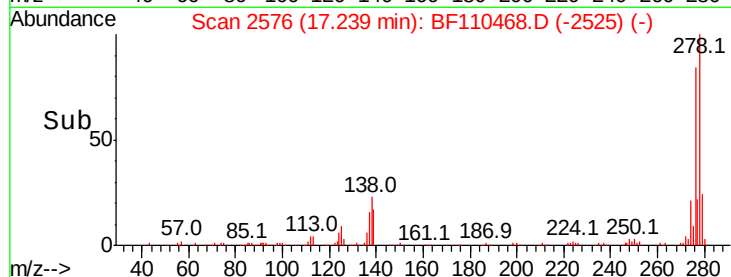
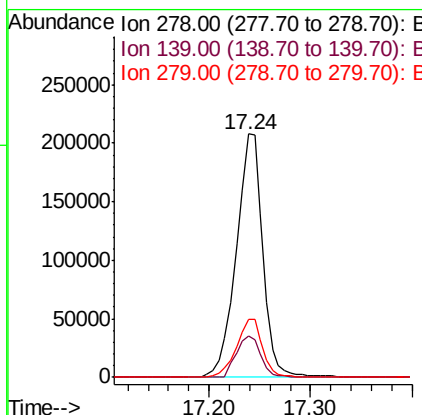
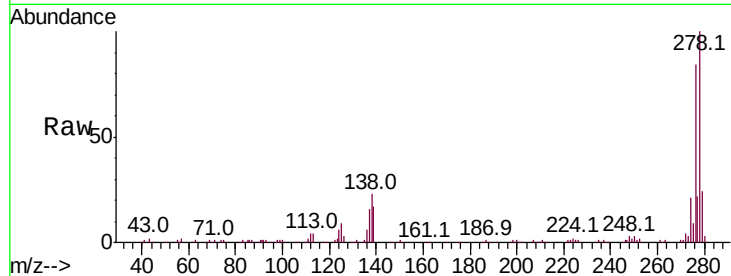
#91
Dibenzo(a,h)anthracene
Concen: 47.528 ng
RT: 17.24 min Scan# 2576
Delta R.T. 0.00 min
Lab File: BF110468.D
Acq: 5 Nov 2018 16:43

Instrument :
BNA_F
ClientSampled :
TP2-AMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.1	12.7	19.1
279	23.6	19.0	28.4

Manual Integrations
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Sohil
11/6/2018 9:00:57 AM



#92
Benzo(g,h,i)perylene
Concen: 48.268 ng
RT: 17.71 min Scan# 2656
Delta R.T. 0.01 min
Lab File: BF110468.D
Acq: 5 Nov 2018 16:43

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.8	28.2
138	22.3	16.0	24.0

