

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114613.D
 Acq On : 25 May 2019 19:23
 Operator : JU/SJ
 Sample : PB119919BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119919BS

Manual Integrations
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mohammad
 5/27/2019 3:50:10 AM

Quant Time: May 27 00:51:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	140766	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	536472	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	259687	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	510510	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	348611	20.00	ng	-0.02
87) Perylene-d12	15.43	264	366137	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	1129155	129.09	ng	0.00
7) Phenol-d6	6.45	99	1441120	139.30	ng	-0.01
23) Nitrobenzene-d5	7.37	82	862495	90.23	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	346941	129.23	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1563133	91.05	ng	-0.02
79) Terphenyl-d14	12.90	244	1569652	92.82	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.61	88	210288	43.737	ng	99
3) Pyridine	3.36	79	396051	29.897	ng	99
4) n-Nitrosodimethylamine	3.30	42	218897	34.267	ng	98
6) Aniline	6.47	93	416837	27.892	ng	# 52
8) 2-Chlorophenol	6.59	128	410842	43.996	ng	96
9) Benzaldehyde	6.35	77	197421	27.258	ng	97
10) Phenol	6.46	94	502298	41.272	ng	85
11) bis(2-Chloroethyl)ether	6.53	93	391183	42.338	ng	99
12) 1,3-Dichlorobenzene	6.74	146	420274	40.094	ng	98
13) 1,4-Dichlorobenzene	6.82	146	435325	41.214	ng	98
14) 1,2-Dichlorobenzene	6.97	146	398887	41.335	ng	99
15) Benzyl Alcohol	6.95	79	325494	40.339	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	691537	38.601	ng	60
17) 2-Methylphenol	7.07	107	329287	42.927	ng	# 90
18) Hexachloroethane	7.30	117	157641	39.760	ng	95
19) n-Nitroso-di-n-propylamine	7.22	70	272573	41.566	ng	99
20) 3+4-Methylphenols	7.22	107	427255	48.208	ng	# 69
22) Acetophenone	7.21	105	549764	46.259	ng	# 89
24) Nitrobenzene	7.39	77	427695	43.928	ng	96
25) Isophorone	7.62	82	766929	43.259	ng	99
26) 2-Nitrophenol	7.70	139	221225	46.833	ng	98
27) 2,4-Dimethylphenol	7.75	122	360757	48.626	ng	100
28) bis(2-Chloroethoxy)methane	7.83	93	486531	42.295	ng	99
29) 2,4-Dichlorophenol	7.96	162	343599	46.511	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	359608	42.808	ng	99
31) Naphthalene	8.10	128	1159324	46.263	ng	98
32) Benzoic acid	7.90	122	190287m	37.731	ng	
33) 4-Chloroaniline	8.16	127	303536	26.581	ng	98
34) Hexachlorobutadiene	8.22	225	199807	41.802	ng	99
35) Caprolactam	8.53	113	111471m	46.275	ng	
36) 4-Chloro-3-methylphenol	8.66	107	357208	48.037	ng	99
37) 2-Methylnaphthalene	8.80	142	771408	47.711	ng	98
38) 1-Methylnaphthalene	8.90	142	741647	48.709	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	357498	45.446	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
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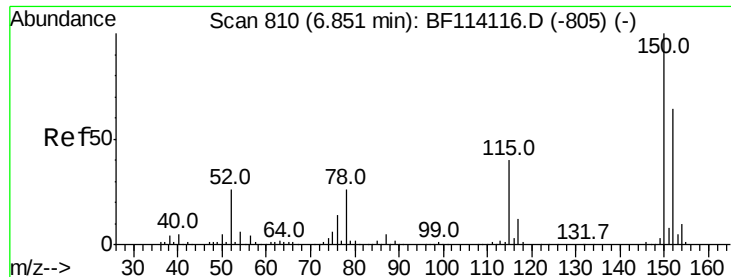
Manual Integrations
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 5/27/2019 3:50:10 AM

Quant Time: May 27 00:51:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	152809	43.766	nq	99
43) 2,4,6-Trichlorophenol	9.09	196	217443	40.187	nq	99
44) 2,4,5-Trichlorophenol	9.13	196	224649	40.485	nq	97
46) 1,1'-Biphenyl	9.26	154	961536	45.833	nq	99
47) 2-Chloronaphthalene	9.29	162	726206	43.012	nq	99
48) 2-Nitroaniline	9.39	65	244950	40.908	nq	97
49) Acenaphthylene	9.70	152	1156707	45.044	nq	97
50) Dimethylphthalate	9.56	163	812213	42.606	nq	100
51) 2,6-Dinitrotoluene	9.63	165	183642	43.432	nq	95
52) Acenaphthene	9.87	154	676840	42.952	nq	99
53) 3-Nitroaniline	9.80	138	148988	28.386	nq	97
54) 2,4-Dinitrophenol	9.93	184	149190	70.999	nq	93
55) Dibenzofuran	10.05	168	981476	42.476	nq	99
56) 4-Nitrophenol	9.99	139	186263	50.181	nq	99
57) 2,4-Dinitrotoluene	10.05	165	230091	40.093	nq	# 80
58) Fluorene	10.39	166	810725	45.424	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	191601	40.018	nq	100
60) Diethylphthalate	10.26	149	820616	42.366	nq	98
61) 4-Chlorophenyl-phenylether	10.37	204	380621	43.420	nq	98
62) 4-Nitroaniline	10.42	138	201410	36.518	nq	97
63) Azobenzene	10.54	77	794082	42.354	nq	96
65) 4,6-Dinitro-2-methylphenol	10.46	198	107370	43.770	nq	80
66) n-Nitrosodiphenylamine	10.50	169	711273	45.906	nq	99
67) 4-Bromophenyl-phenylether	10.86	248	235941	41.975	nq	96
68) Hexachlorobenzene	10.94	284	255657	41.114	nq	92
69) Atrazine	11.02	200	207599	43.055	nq	98
70) Pentachlorophenol	11.14	266	165058	55.995	nq	99
71) Phenanthrene	11.35	178	1130480	45.516	nq	99
72) Anthracene	11.40	178	1184468	47.480	nq	98
73) Carbazole	11.56	167	1091727	45.892	nq	98
74) Di-n-butylphthalate	11.88	149	1234880	45.058	nq	99
75) Fluoranthene	12.54	202	1208076	45.168	nq	99
77) Benzidine	12.66	184	597441	38.179	nq	97
78) Pyrene	12.77	202	1214677	43.313	nq	99
80) Butylbenzylphthalate	13.37	149	529894	44.891	nq	100
81) Benzo(a)anthracene	13.96	228	1005939	44.613	nq	100
82) 3,3'-Dichlorobenzidine	13.92	252	281227	32.151	nq	100
83) Chrysene	14.00	228	980903	44.378	nq	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	694546	44.989	nq	99
85) Di-n-octyl phthalate	14.54	149	1159121	46.316	nq	98
86) Indeno(1,2,3-cd)pyrene	16.90	276	956272	48.953	nq	99
88) Benzo(b)fluoranthene	15.00	252	1080258	46.053	nq	100
89) Benzo(k)fluoranthene	15.03	252	911265	42.291	nq	99
90) Benzo(a)pyrene	15.37	252	956580	46.337	nq	99
91) Dibenzo(a,h)anthracene	16.89	278	805480	46.955	nq	100
92) Benzo(g,h,i)perylene	17.33	276	803796	46.757	nq	98

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



#1

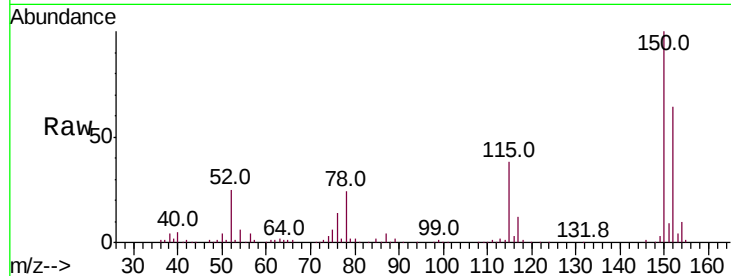
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Instrument :
BNA_F
ClientSampleId :
PB119919BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.3	186.5
115	59.9	49.1	73.7

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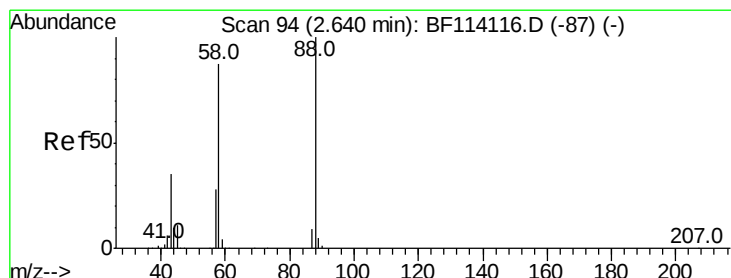
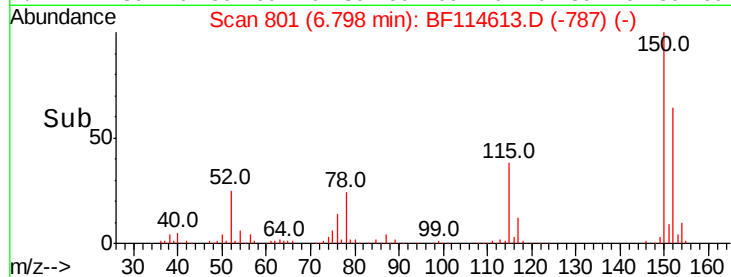
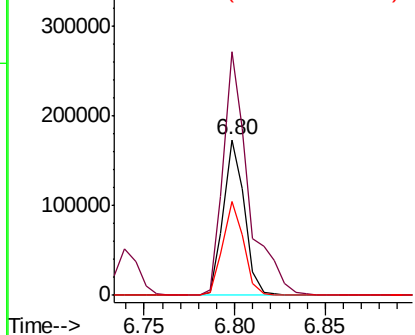


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

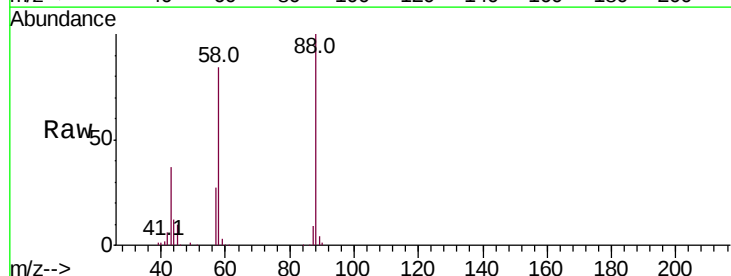
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 43.737 ng
RT: 2.61 min Scan# 89
Delta R.T. 0.05 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.8	68.7	103.1
43	35.4	28.2	42.2

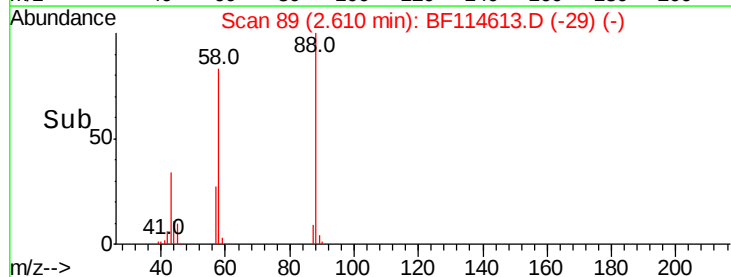
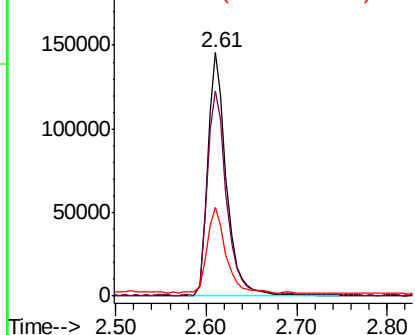


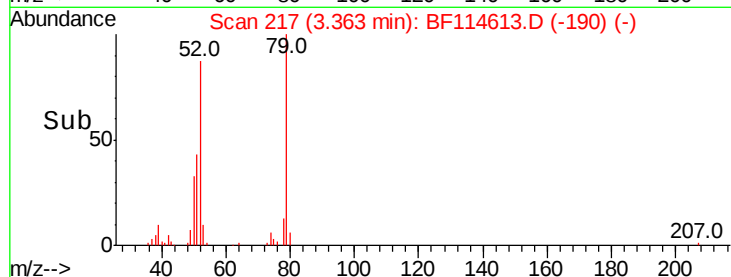
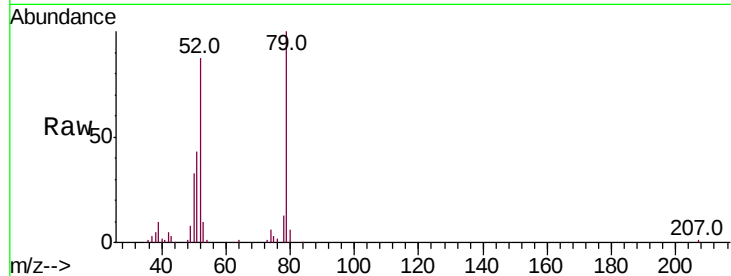
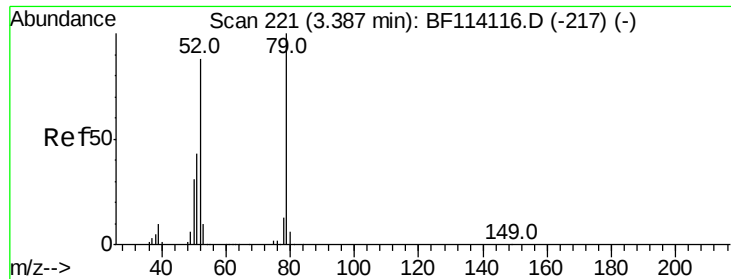
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





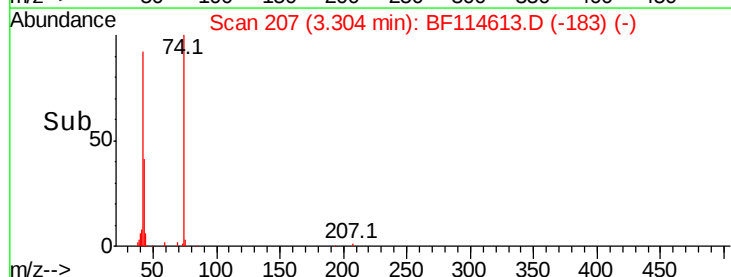
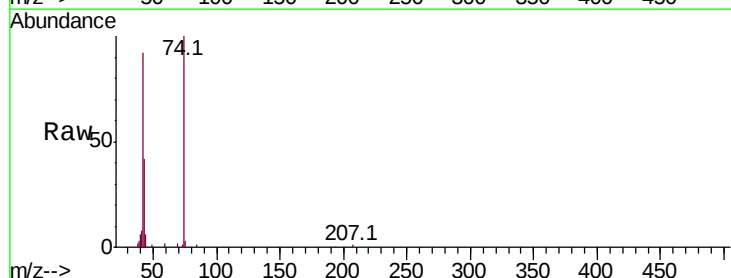
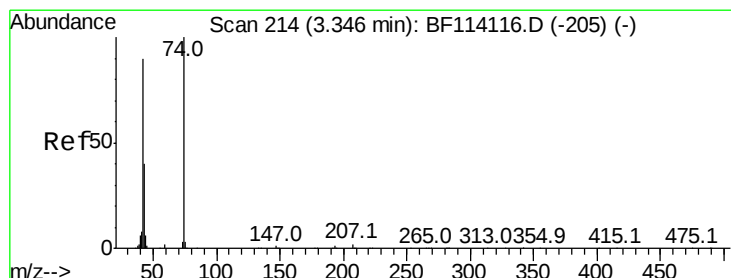
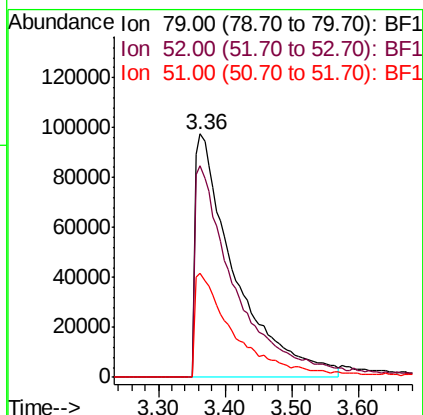
#3
Pvridine
Concen: 29.897 ng
RT: 3.36 min Scan# 217
Delta R.T. 0.06 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Tot Ion	Ratio	Lower	Upper
79	100		
52	86.8	70.6	105.8
51	42.9	34.2	51.2

Instrument :
BNA_F
ClientSampleId :
PB119919BS

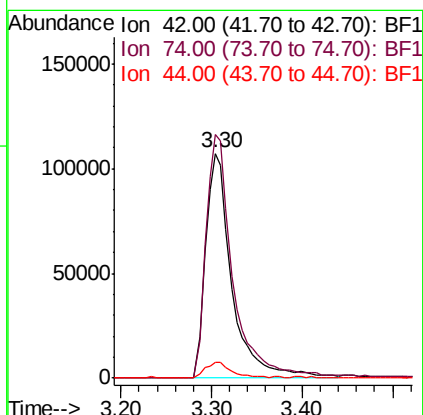
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#4
n-Nitrosodimethylamine
Concen: 34.267 ng
RT: 3.30 min Scan# 207
Delta R.T. 0.04 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Tgt Ion	Ratio	Lower	Upper
42	100		
74	108.4	88.6	132.8
44	7.0	5.5	8.3





#5

2-Fluorophenol

Concen: 129.087 ng

RT: 5.44 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

Instrument :

BNA_F

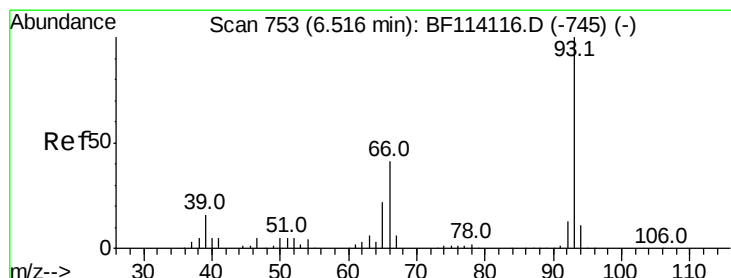
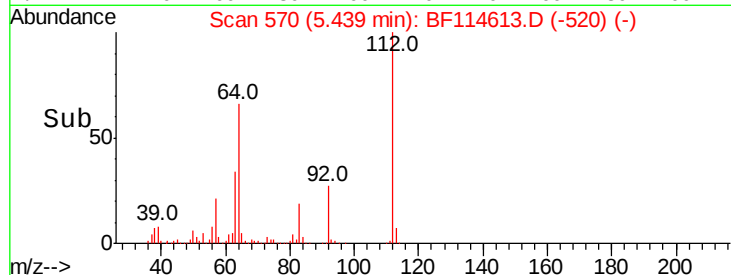
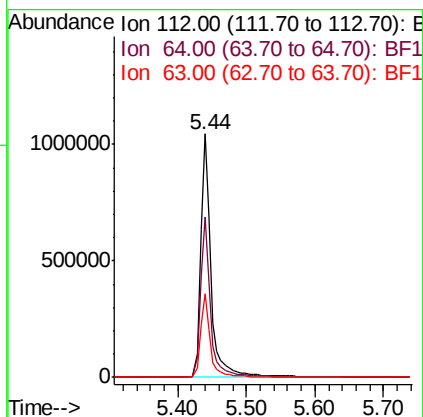
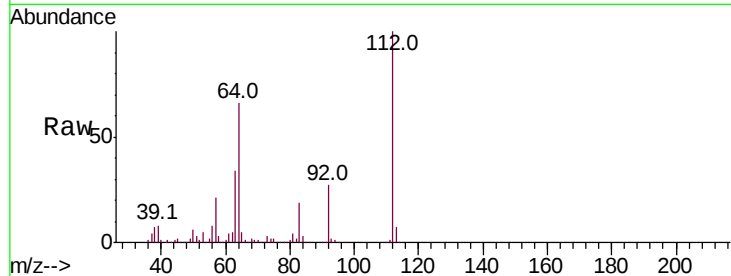
ClientSampleId :

PB119919BS

Tot Ion:	112	Resp:	1129155
Ion Ratio	Lower	Upper	
112	100		
64	66.1	49.0	73.6
63	34.1	24.6	37.0

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#6

Aniline

Concen: 27.892 ng

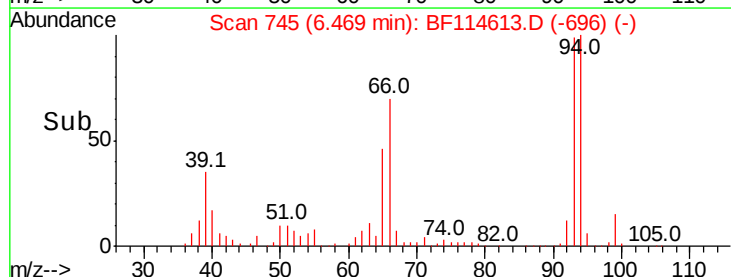
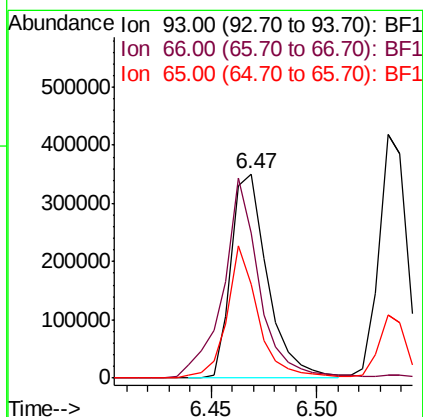
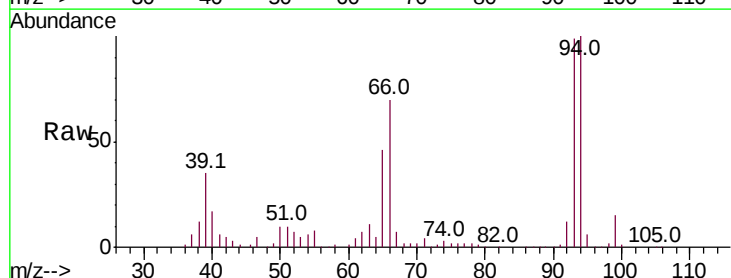
RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

Tgt Ion:	93	Resp:	416837
Ion Ratio	Lower	Upper	
93	100		
66	70.8	33.2	49.8#
65	46.1	17.6	26.4#





#7

Phenol-d6

Concen: 139.297 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

Instrument :

BNA_F

ClientSampleId :

PB119919BS

Tot Ion: 99 Resp: 1441120

Ion Ratio Lower Upper

99 100

42 22.7 17.9 26.9

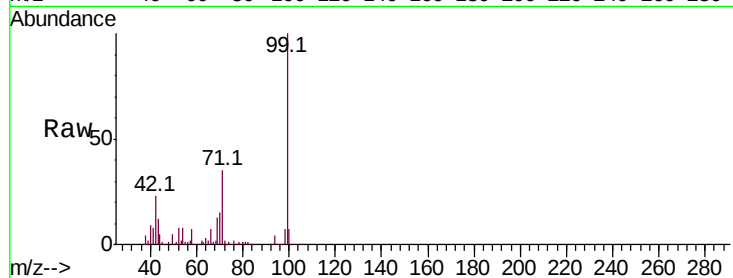
71 34.6 26.2 39.2

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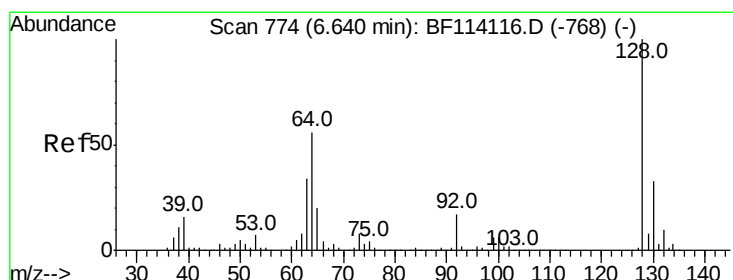
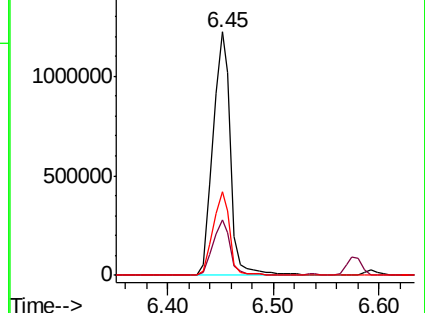
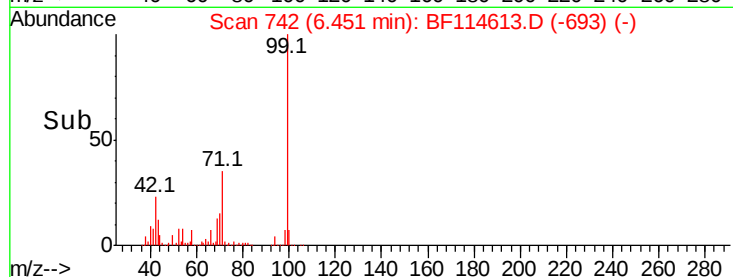
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.996 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

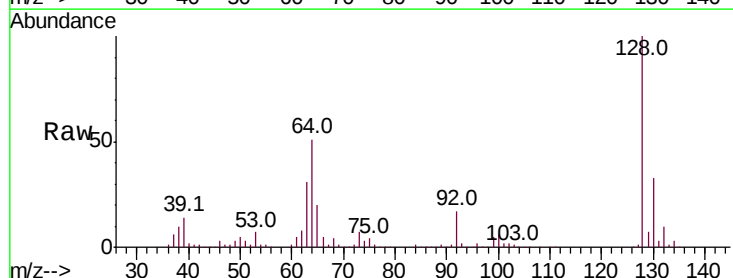
Tgt Ion: 128 Resp: 410842

Ion Ratio Lower Upper

128 100

130 32.8 12.6 52.6

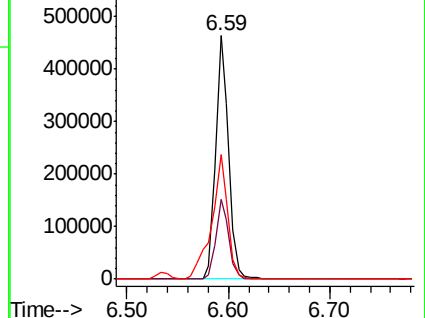
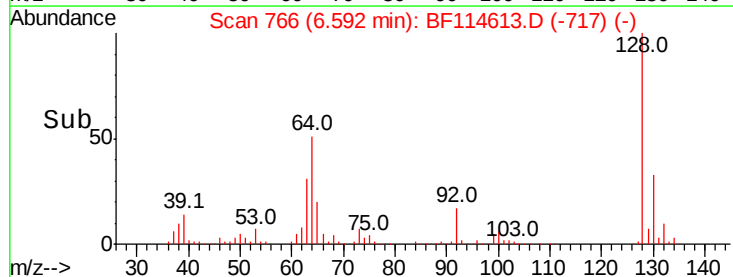
64 51.4 35.9 75.9

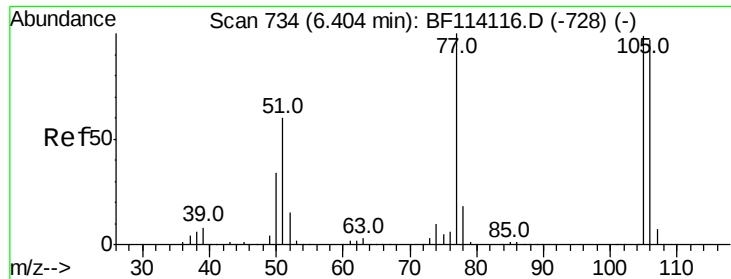


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





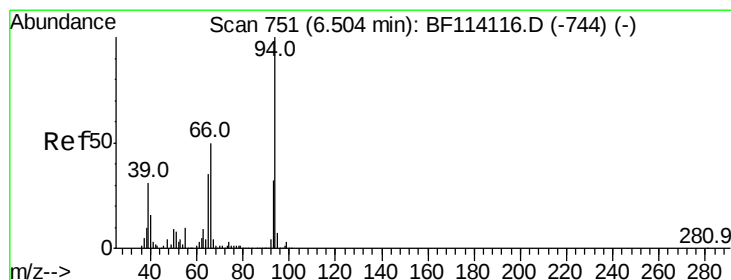
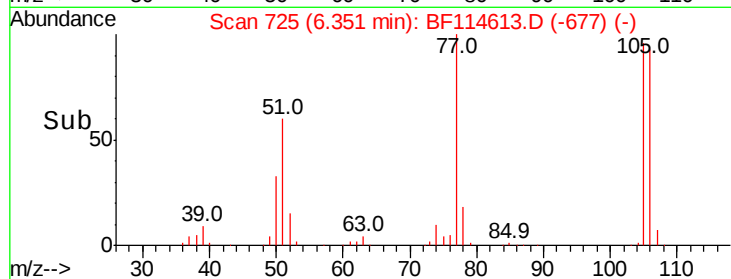
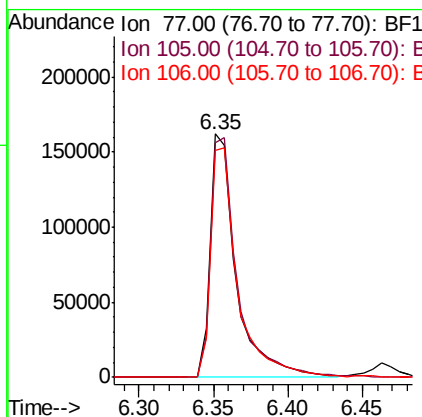
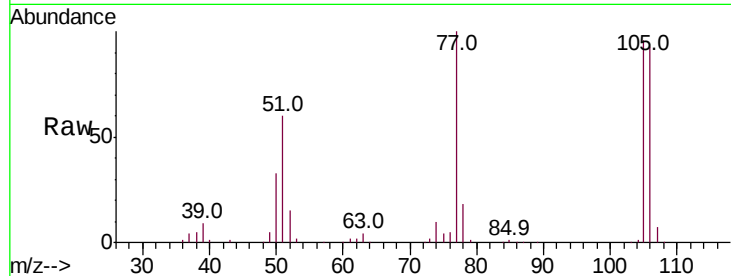
#9
Benzaldehyde
Concen: 27.258 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.02 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Instrument :
BNA_F
ClientSampleId :
PB119919BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	96.4	79.3	119.3
106	93.4	77.0	117.0

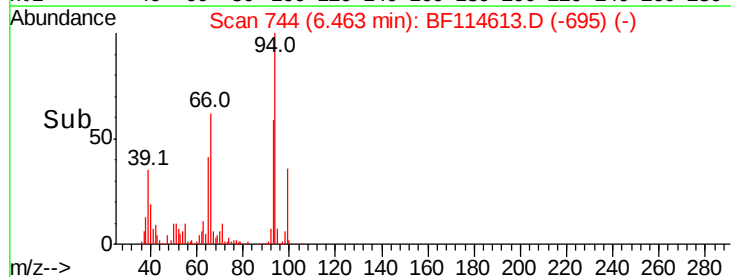
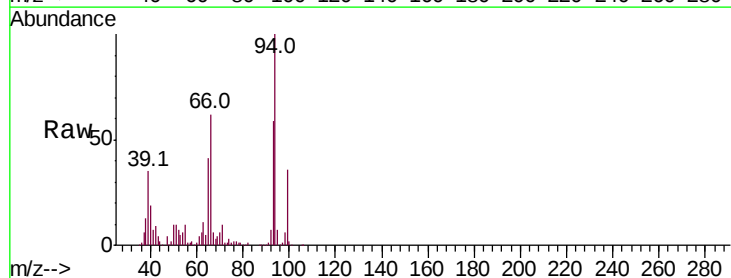
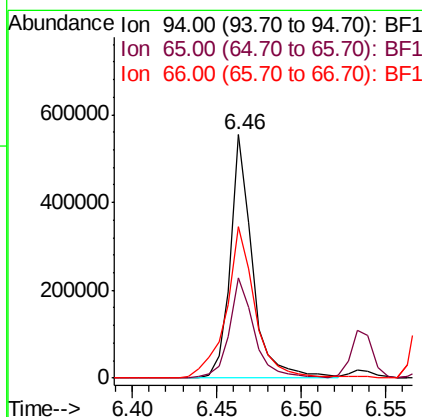
Manual Integrations
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#10
Phenol
Concen: 41.272 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Tgt Ion	Ratio	Lower	Upper
94	100		
65	41.1	14.7	54.7
66	62.1	29.6	69.6





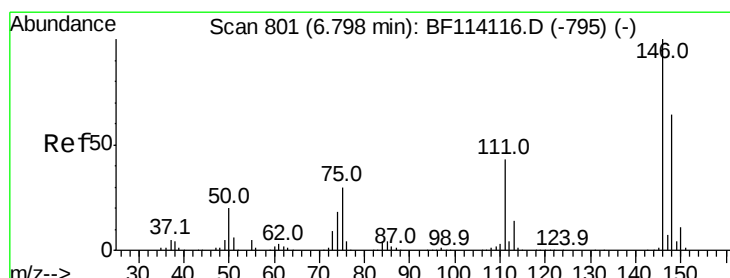
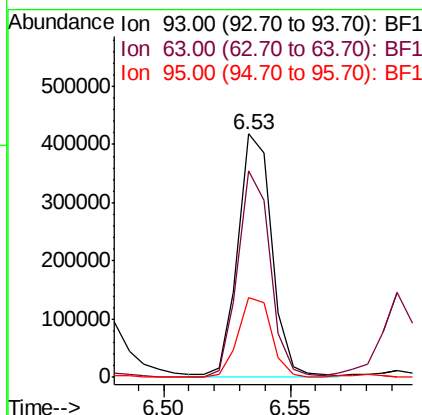
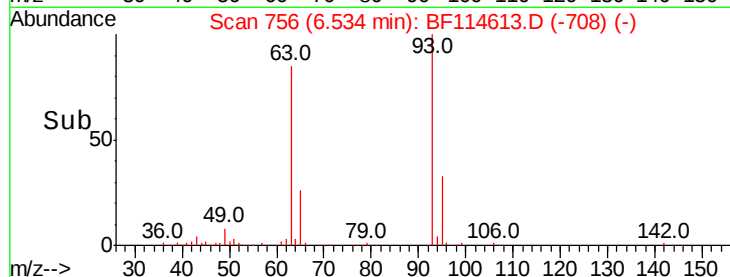
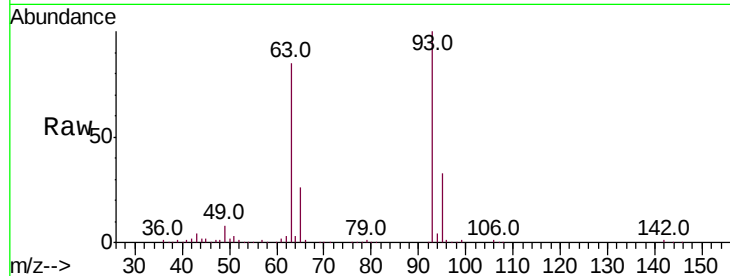
#11
bis(2-Chloroethyl)ether
Concen: 42.338 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Instrument :
BNA_F
ClientSampleId :
PB119919BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	391183		
63	84.8	63.6	103.6	
95	32.8	13.1	53.1	

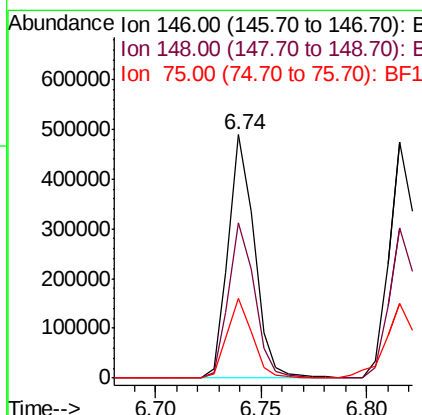
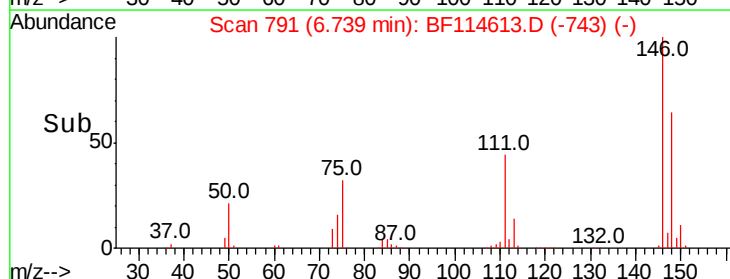
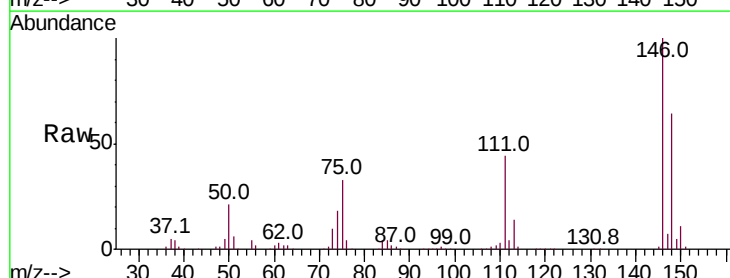
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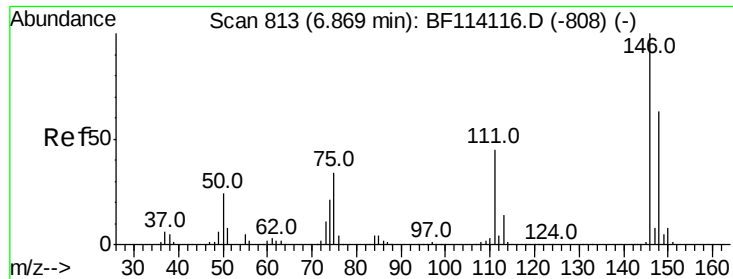
mohammad
5/27/2019 3:50:10 AM



#12
1,3-Dichlorobenzene
Concen: 40.094 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.02 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	420274		
148	63.7	51.6	77.4	
75	32.5	24.2	36.2	





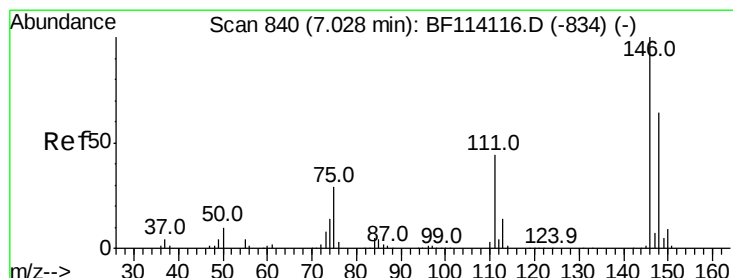
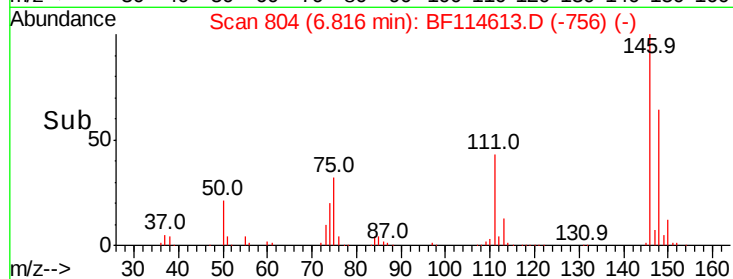
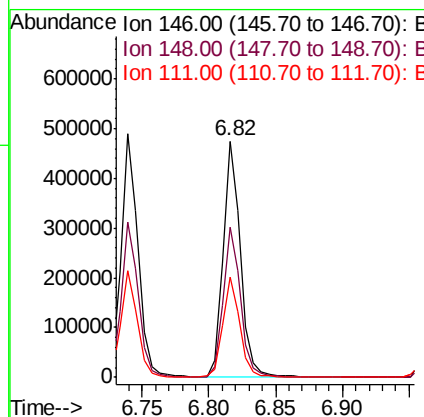
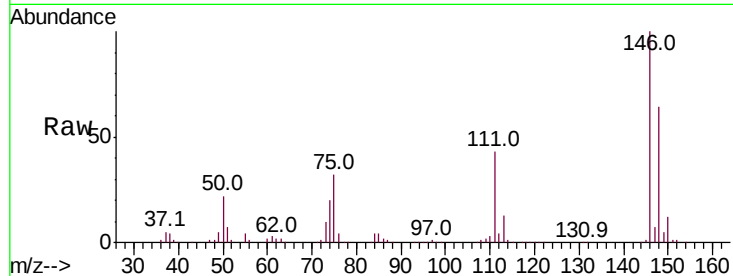
#13
1,4-Dichlorobenzene
Concen: 41.214 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Instrument :
BNA_F
ClientSampleId :
PB119919BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.2	75.2
111	42.6	35.8	53.6

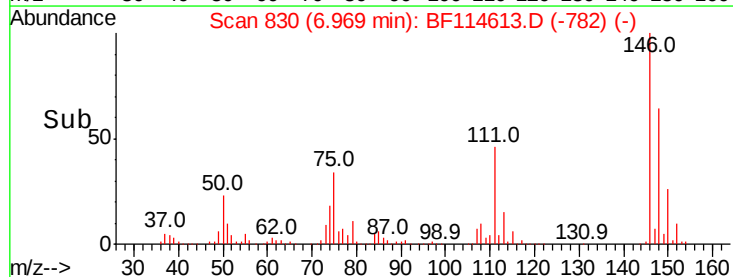
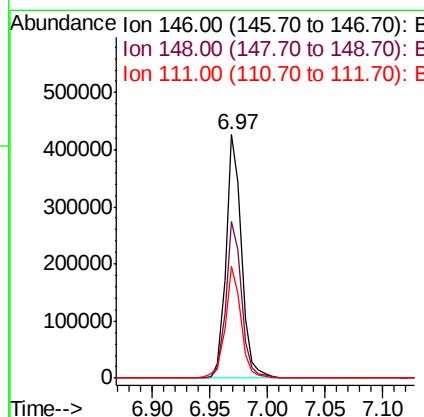
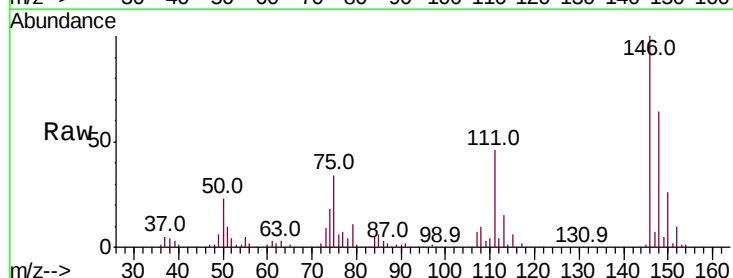
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#14
1,2-Dichlorobenzene
Concen: 41.335 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.02 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.1	76.7
111	45.9	35.3	52.9





#15

Benzyl Alcohol

Concen: 40.339 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

Instrument :

BNA_F

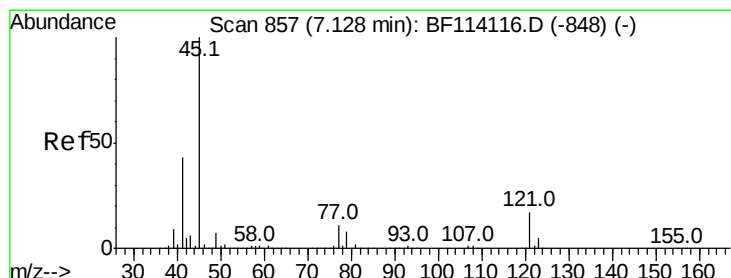
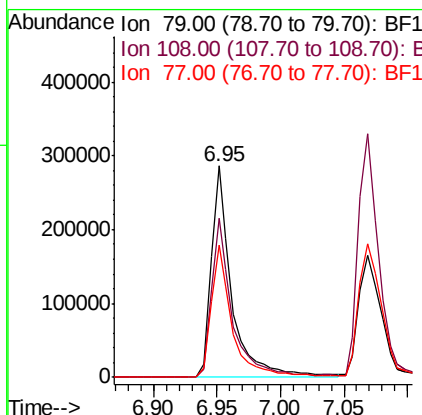
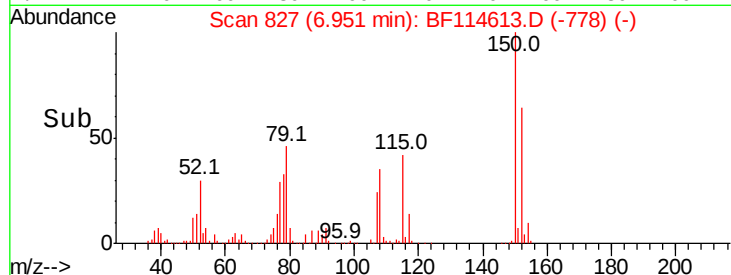
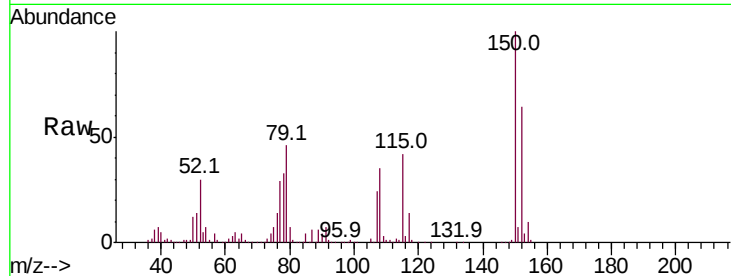
ClientSampleId :

PB119919BS

Tot Ion:	79	Resp:	325494
Ion Ratio	Lower	Upper	
79	100		
108	75.5	62.1	93.1
77	62.5	51.0	76.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.601 ng

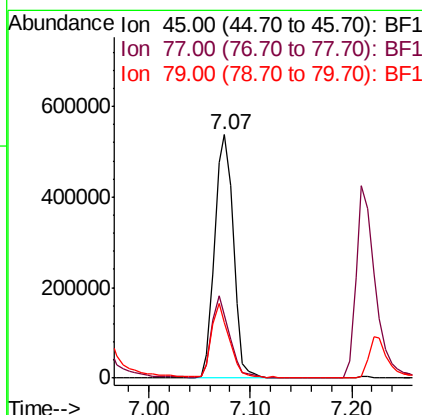
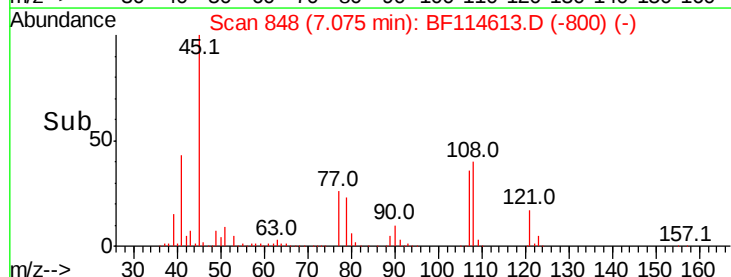
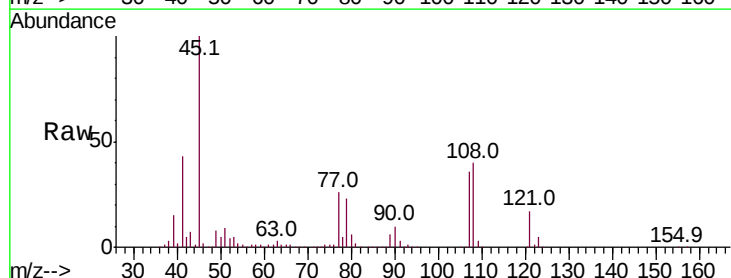
RT: 7.07 min Scan# 848

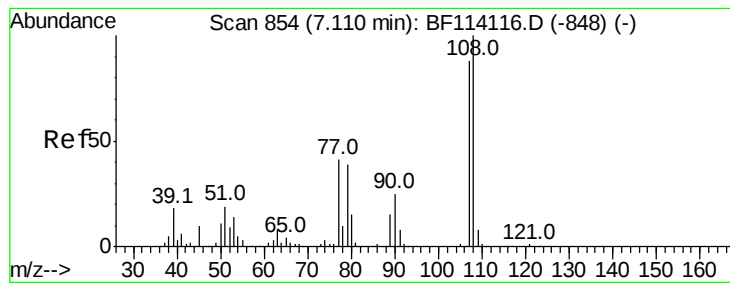
Delta R.T. -0.02 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

Tgt Ion:	45	Resp:	691537
Ion Ratio	Lower	Upper	
45	100		
77	26.1	0.0	31.1
79	23.0	0.0	28.4





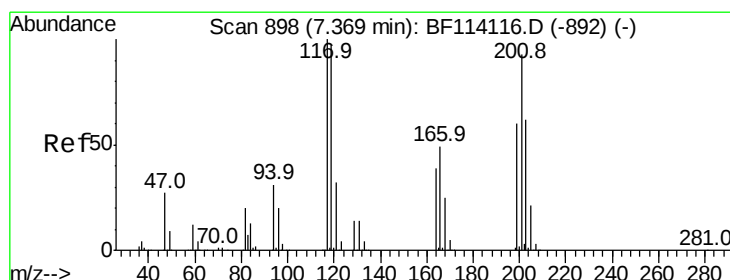
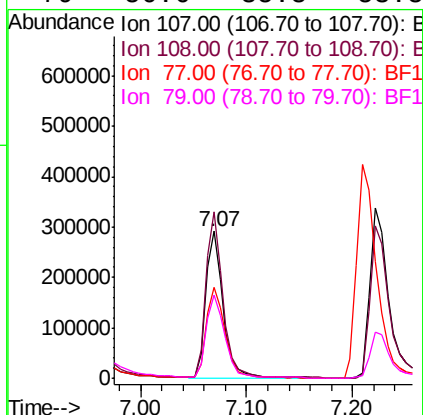
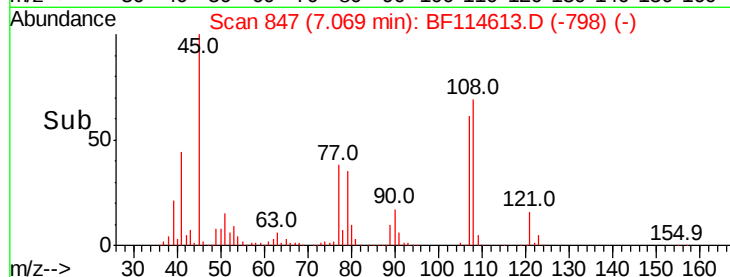
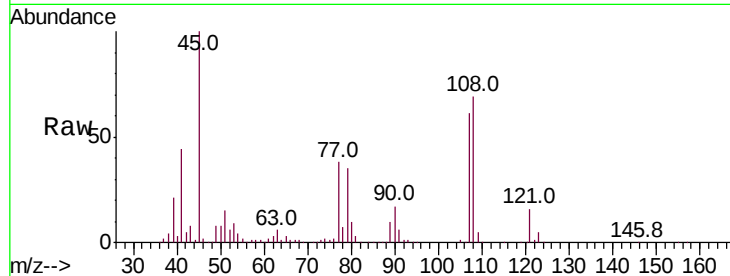
#17
2-Methylphenol
Concen: 42.927 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Instrument :
BNA_F
ClientSampleId :
PB119919BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.3	90.5	135.7	
77	62.4	37.0	55.4	
79	56.6	35.8	53.8	

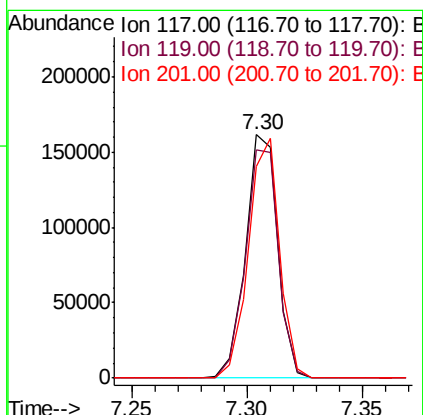
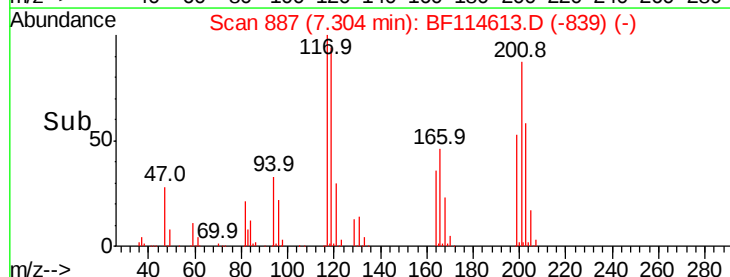
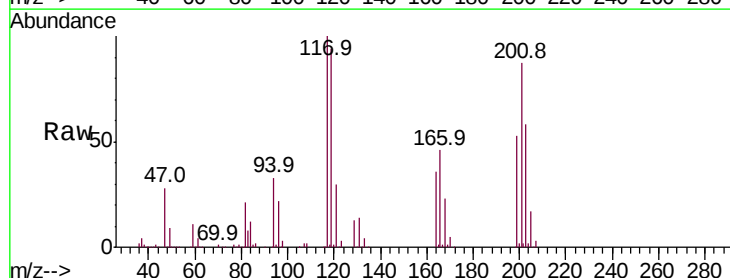
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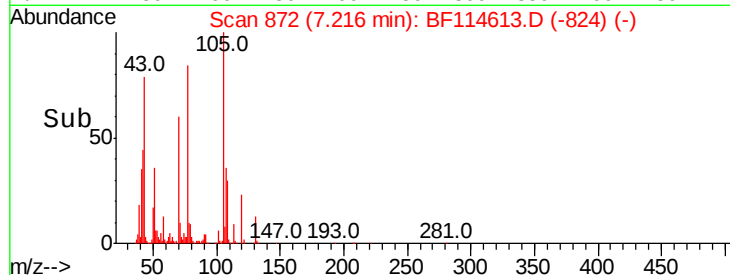
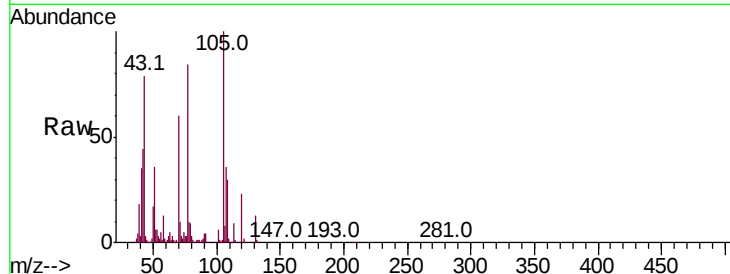
mohammad
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#18
Hexachloroethane
Concen: 39.760 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.5	77.4	116.2	
201	86.8	74.5	111.7	





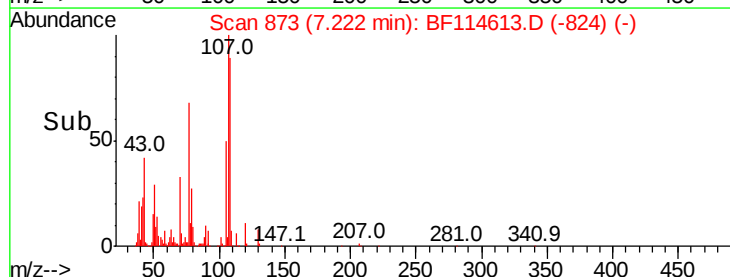
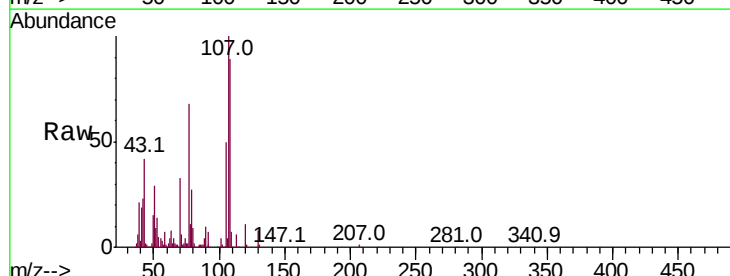
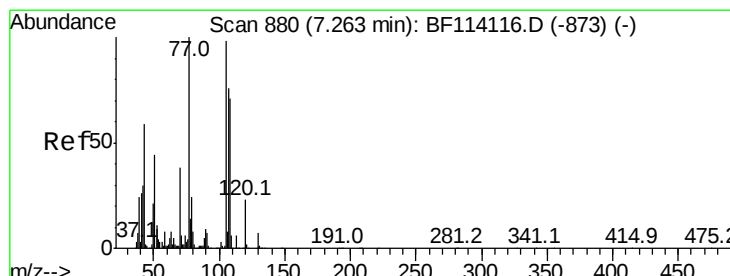
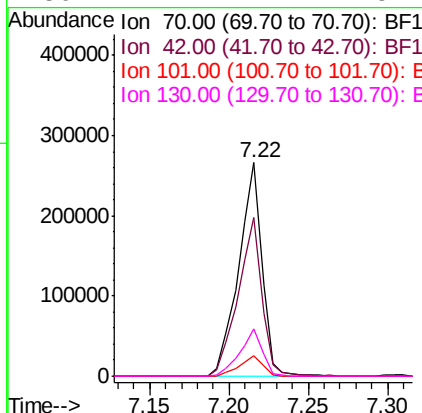
#19
n-Nitroso-di-n-propylamine
Concen: 41.566 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Instrument :
BNA_F
ClientSampleId :
PB119919BS

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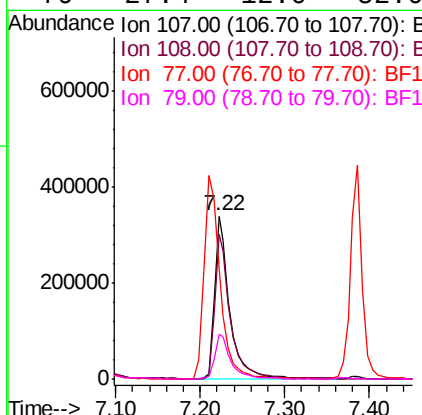
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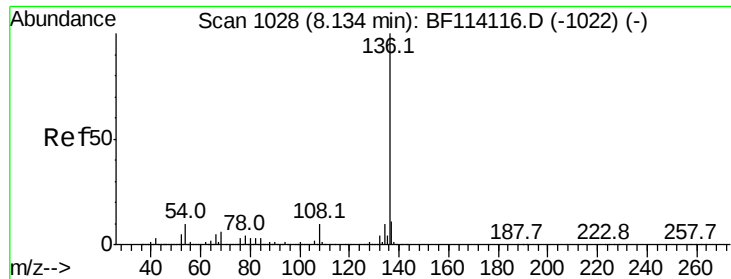
Tot Ion	Ratio	Lower	Upper
70	100		
42	74.0	58.6	87.8
101	9.4	7.8	11.8
130	22.1	17.1	25.7



#20
3+4-Methylphenols
Concen: 48.208 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.9	73.8	113.8
77	67.9	111.5	151.5#
79	27.4	12.0	52.0





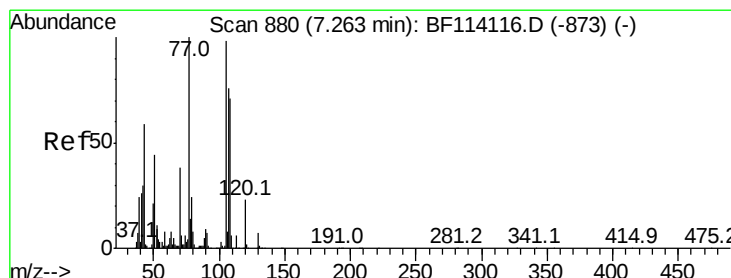
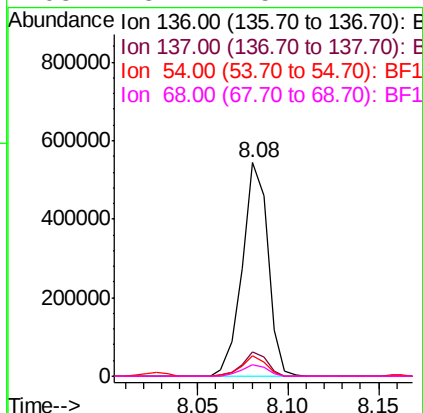
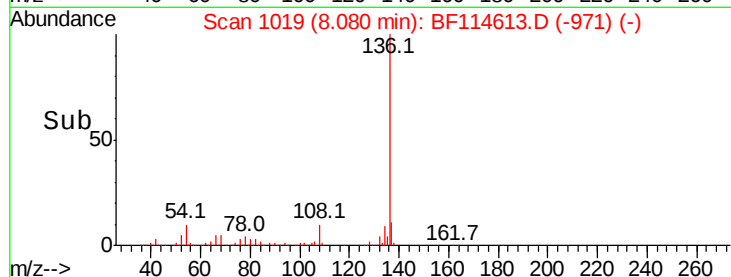
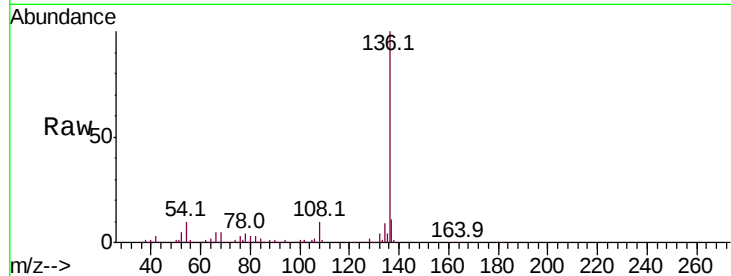
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Instrument :
BNA_F
ClientSampleId :
PB119919BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.5	8.8	13.2	
54	9.5	7.8	11.8	
68	5.4	5.1	7.7	

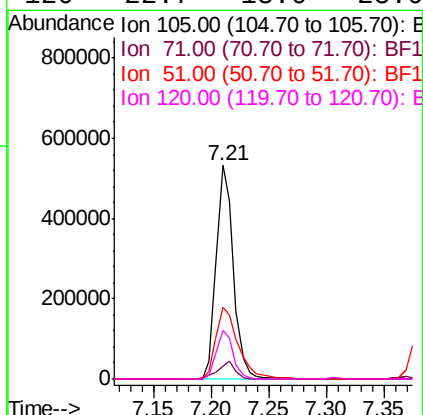
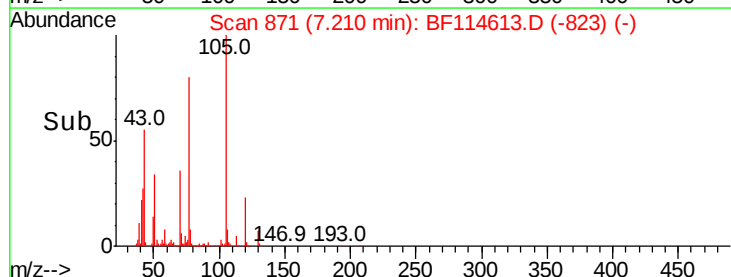
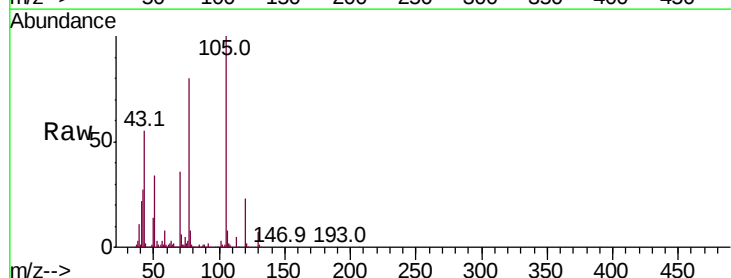
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5/27/2019 3:50:10 AM



#22
Acetophenone
Concen: 46.259 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.02 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.0	5.3	7.9	
51	33.7	36.2	54.4	
120	22.7	18.6	28.0	





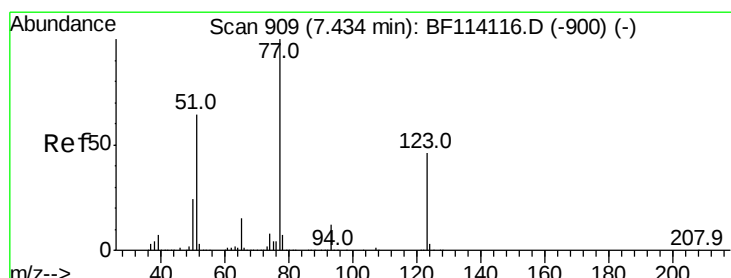
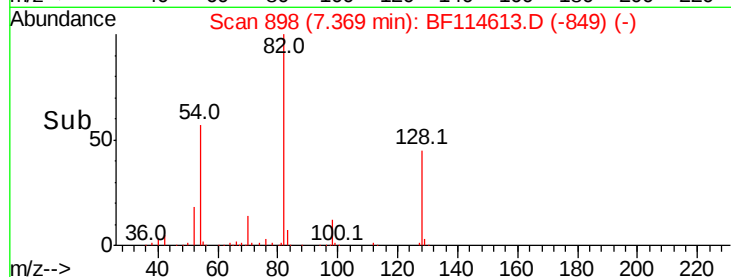
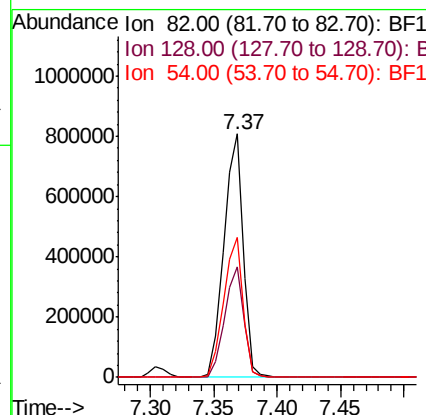
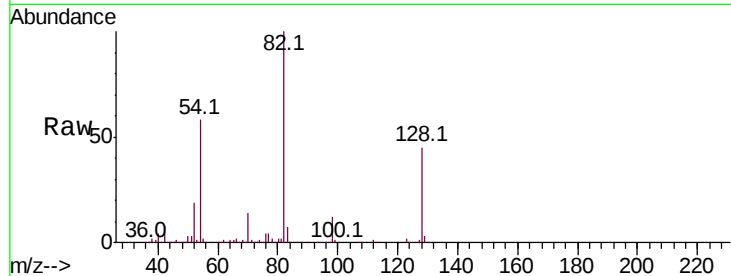
#23
 Nitrobenzene-d5
 Concen: 90.225 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF114613.D
 Acq: 25 May 2019 19:23

Instrument :
 BNA_F
 ClientSampleID :
 PB119919BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.4	35.5	53.3
54	57.7	48.5	72.7

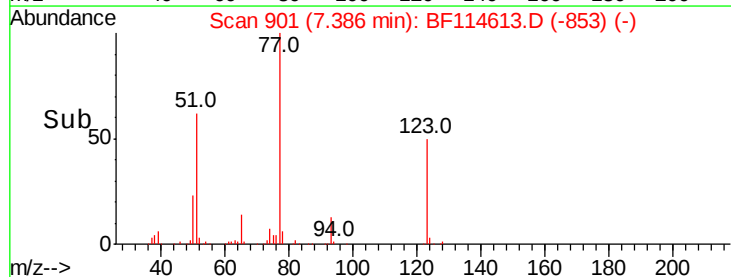
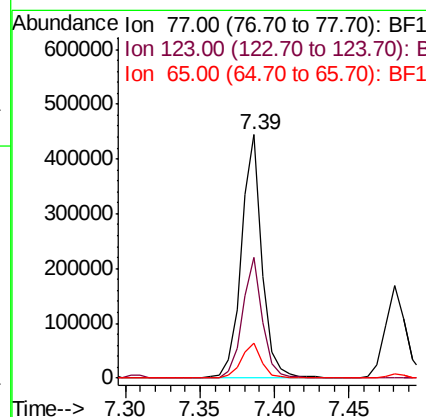
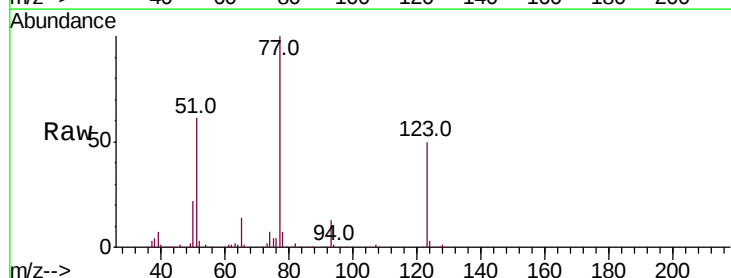
Manual Integrations
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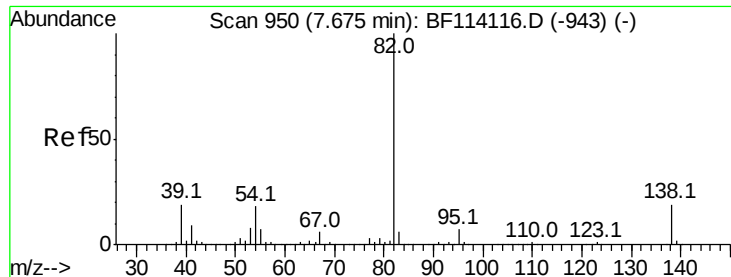
mohammad
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#24
 Nitrobenzene
 Concen: 43.928 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.02 min
 Lab File: BF114613.D
 Acq: 25 May 2019 19:23

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.8	36.9	55.3
65	14.4	11.8	17.6





#25

Isophorone

Concen: 43.259 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.02 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

Instrument :

BNA_F

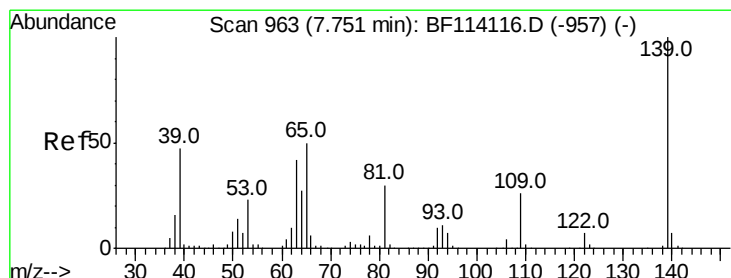
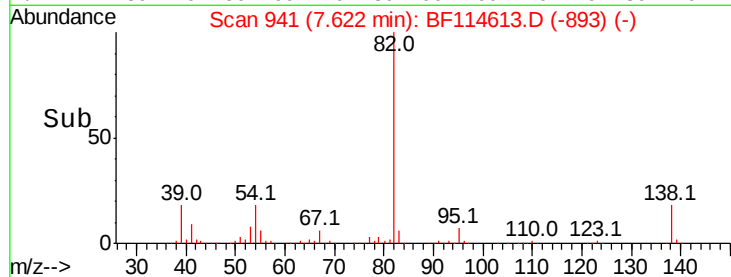
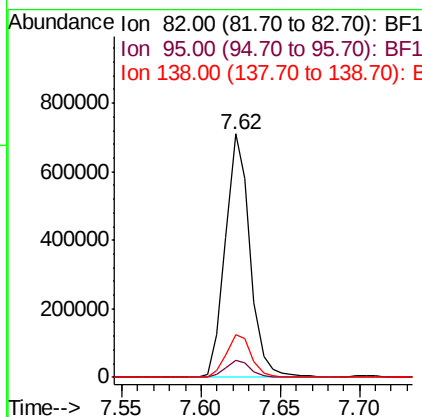
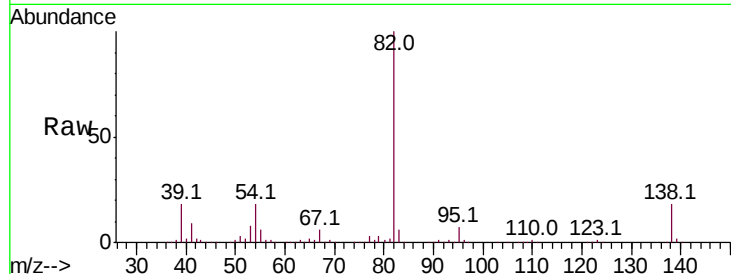
ClientSampleId :

PB119919BS

Tot Ion:	82	Resp:	766929
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.6	8.4
138	17.8	14.8	22.2

Manual Integrations
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#26

2-Nitrophenol

Concen: 46.833 ng

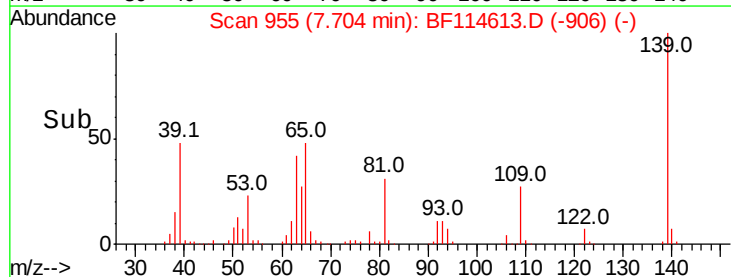
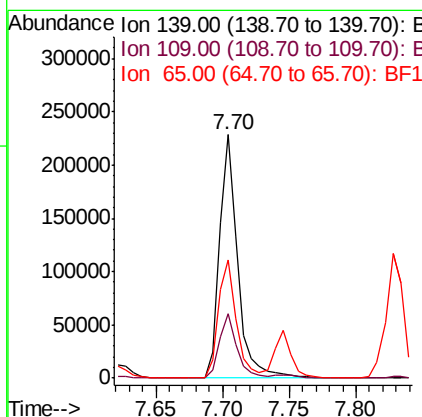
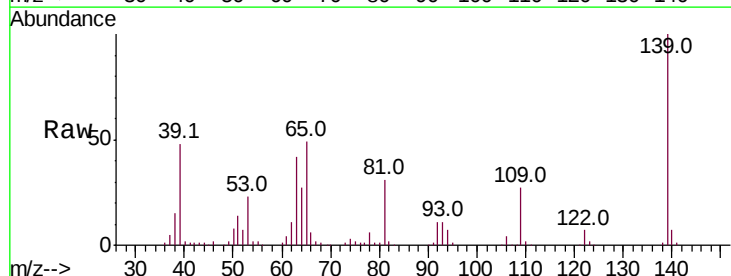
RT: 7.70 min Scan# 955

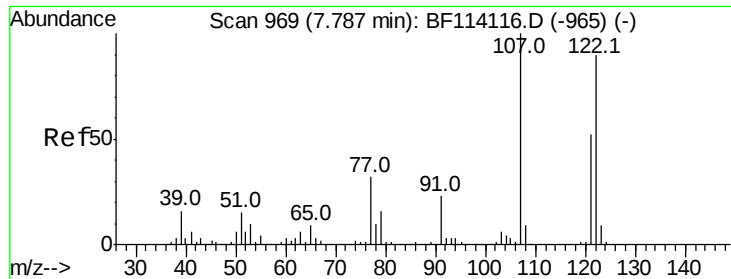
Delta R.T. -0.01 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

Tgt Ion:	139	Resp:	221225
Ion Ratio	Lower	Upper	
139	100		
109	26.6	20.7	31.1
65	48.7	40.2	60.2





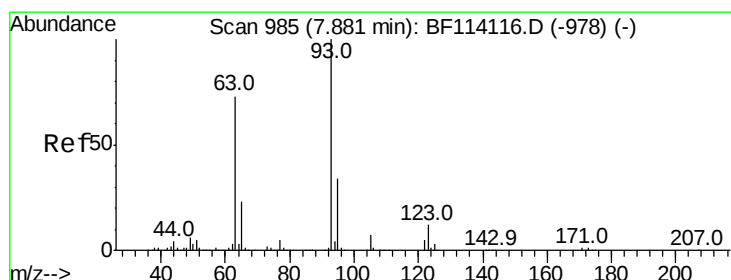
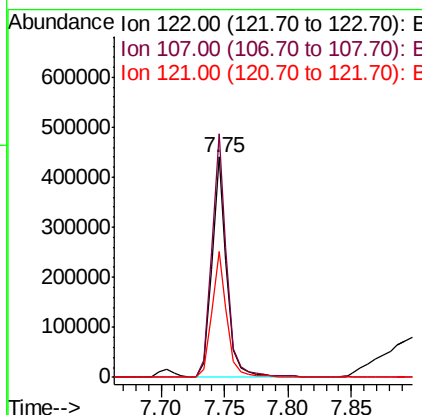
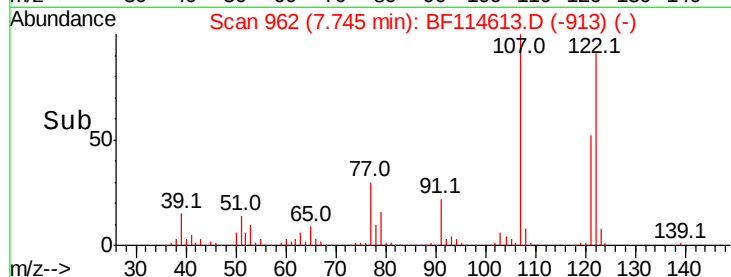
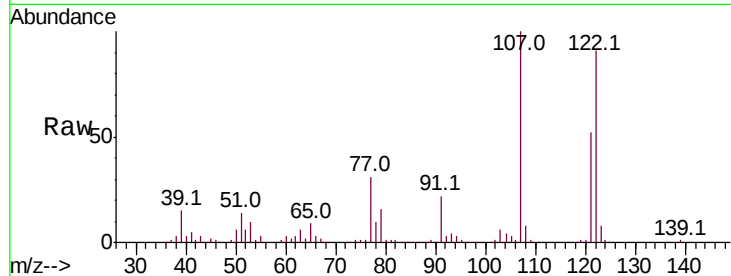
#27
2,4-Dimethylphenol
Concen: 48.626 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Instrument :
BNA_F
ClientSampleId :
PB119919BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	360757		
107	110.4	88.4	132.6	
121	56.9	45.9	68.9	

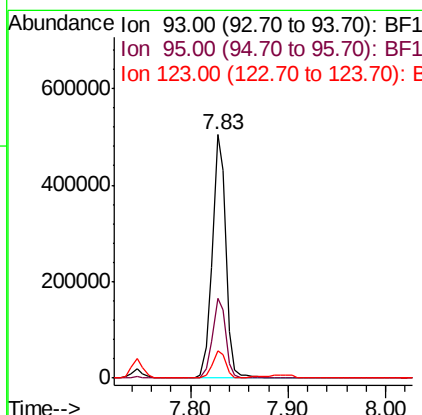
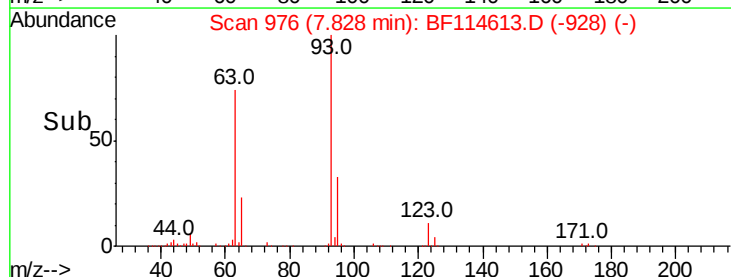
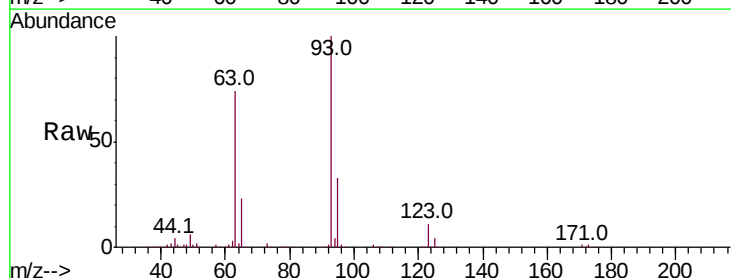
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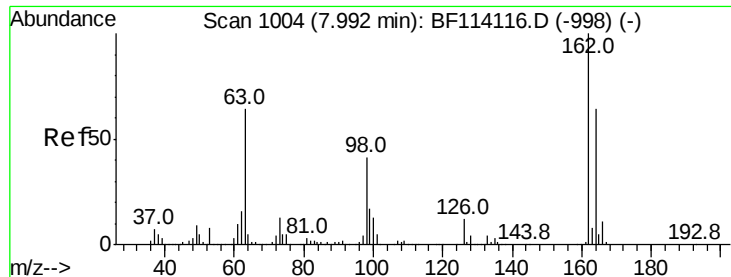
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 42.295 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.02 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	486531		
95	33.0	26.8	40.2	
123	11.3	9.5	14.3	





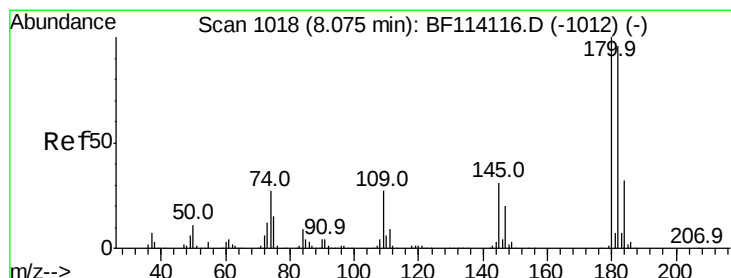
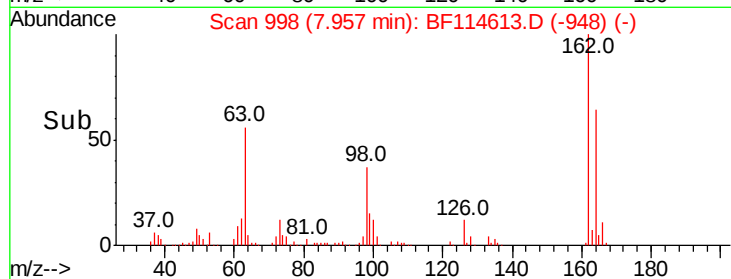
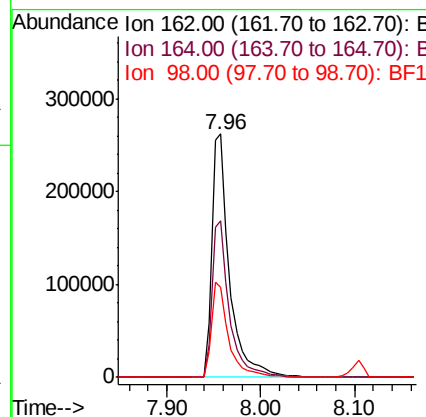
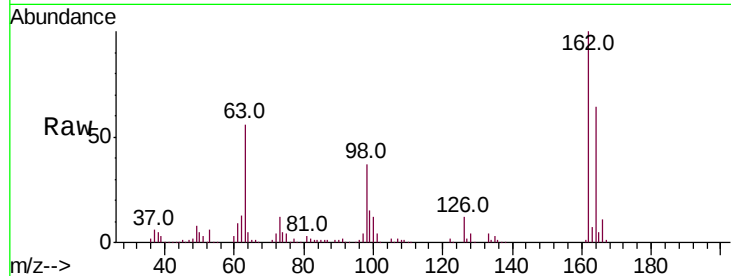
#29
2,4-Dichlorophenol
Concen: 46.511 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Instrument :
BNA_F
ClientSampleId :
PB119919BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	343599		
164	64.5	43.6	83.6	
98	37.2	20.6	60.6	

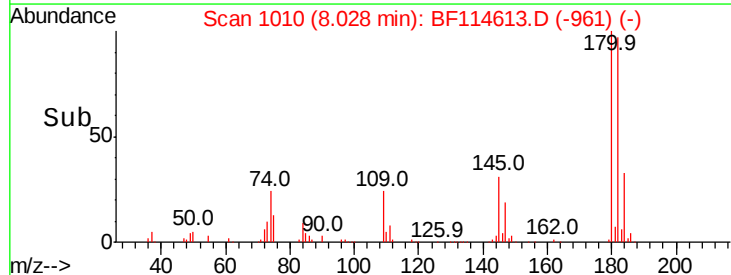
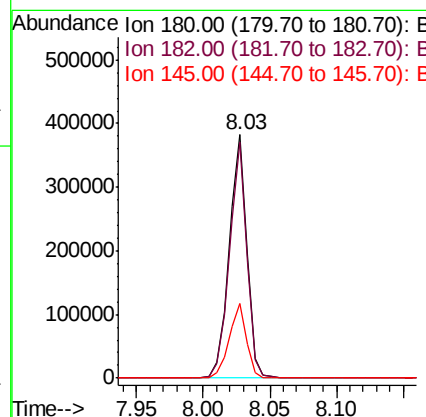
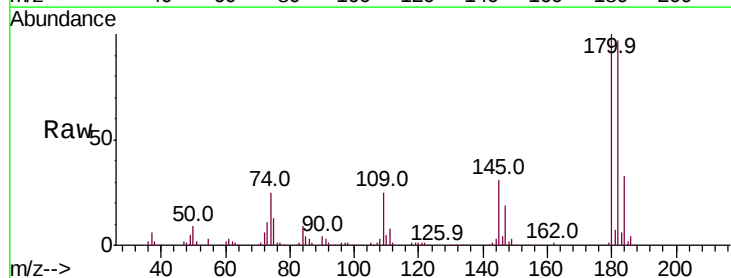
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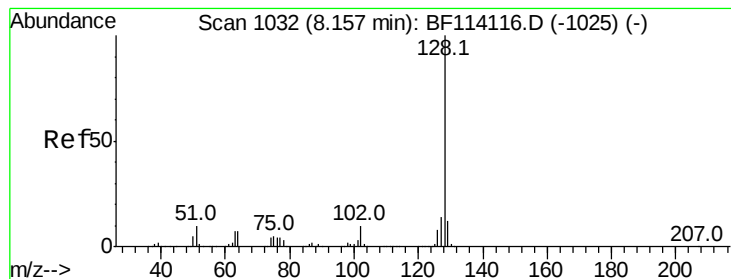
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 42.808 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	359608		
182	96.9	76.6	114.8	
145	30.7	25.1	37.7	





#31

Naphthalene

Concen: 46.263 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

Instrument :

BNA_F

ClientSampleId :

PB119919BS

Tot Ion:128 Resp: 1159324

Ion Ratio Lower Upper

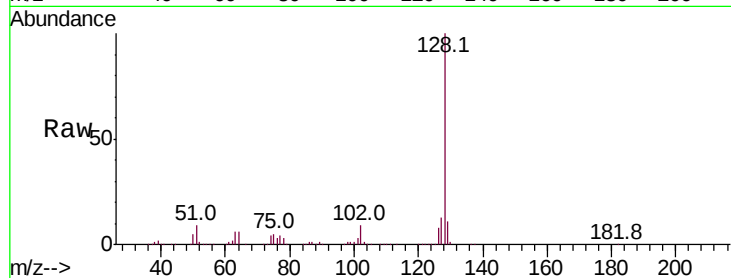
128 100

129 11.1 9.6 14.4

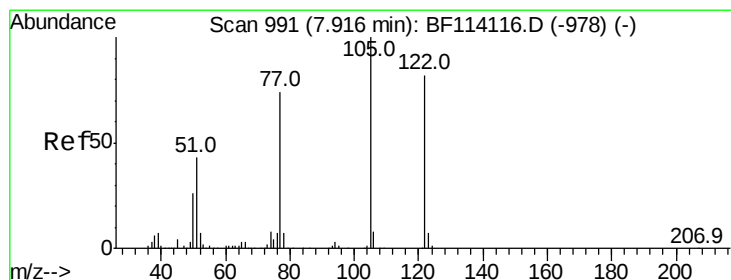
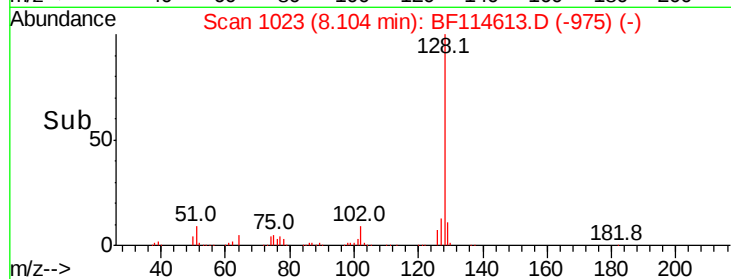
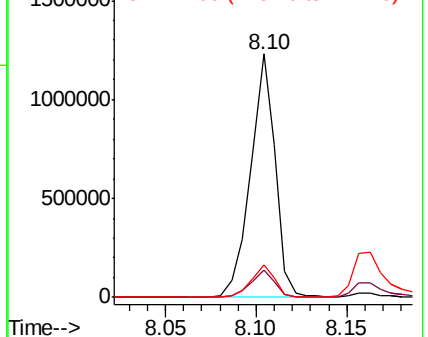
127 13.3 11.3 16.9

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



#32

Benzoic acid

Concen: 37.731 ng m

RT: 7.90 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

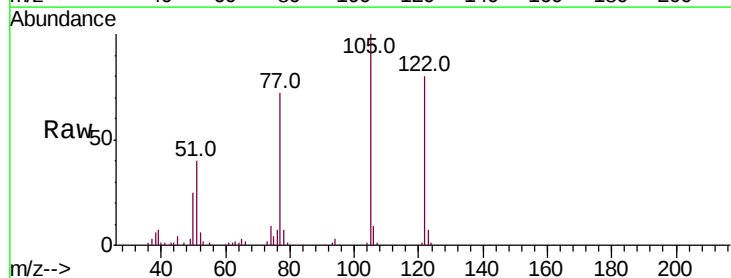
Tgt Ion:122 Resp: 190287

Ion Ratio Lower Upper

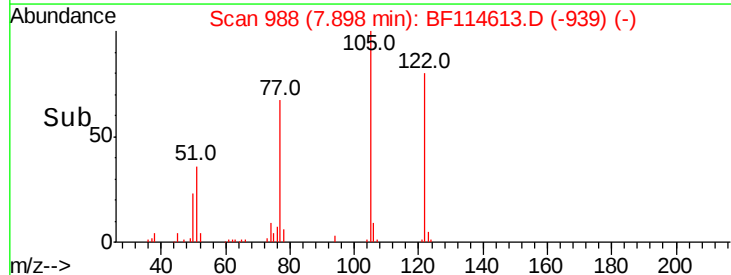
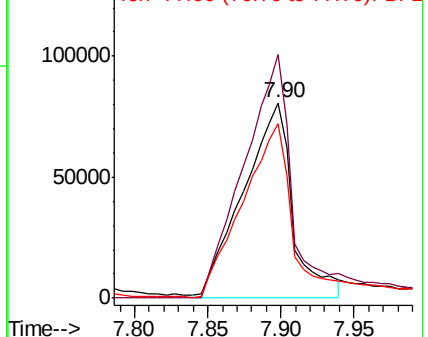
122 100

105 124.7 99.9 139.9

77 89.2 69.4 109.4



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





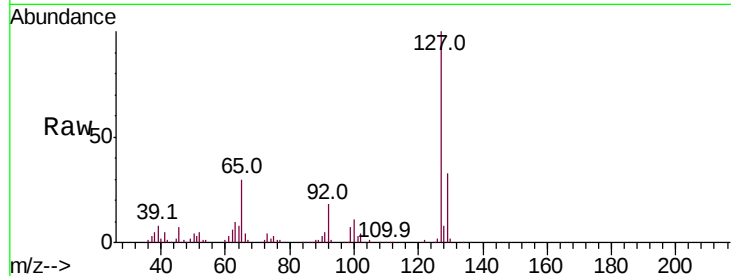
#33
4-Chloroaniline
Concen: 26.581 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Instrument :
BNA_F
ClientSampleId :
PB119919BS

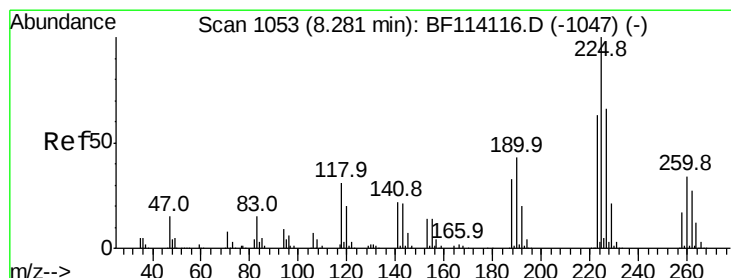
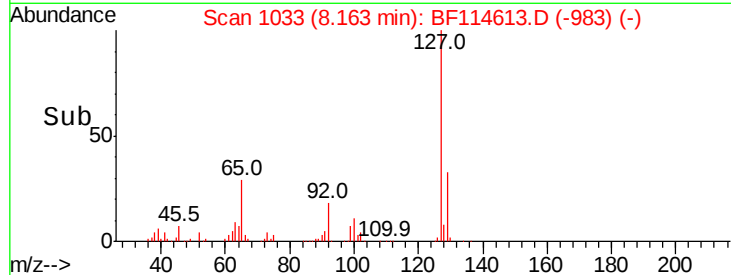
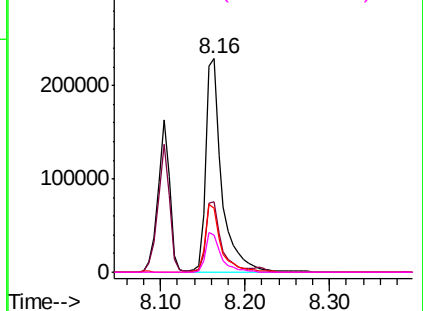
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.2	26.7	40.1	
65	29.7	25.4	38.0	
92	17.6	15.4	23.2	

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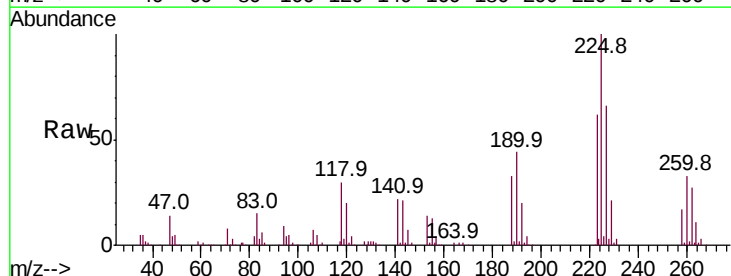


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

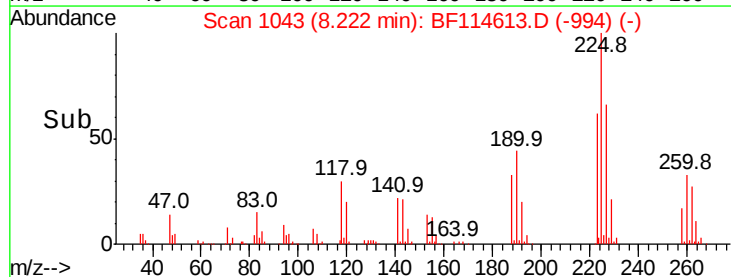
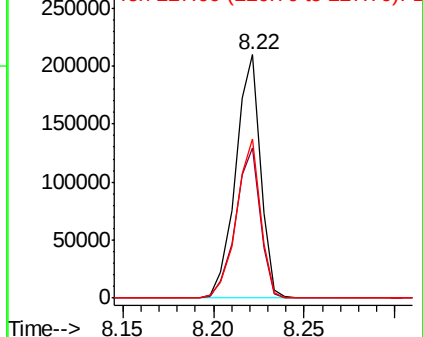


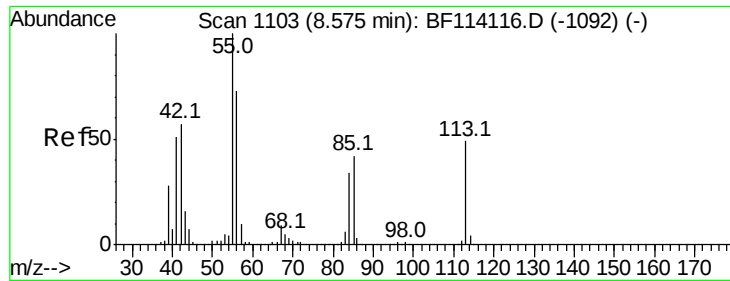
#34
Hexachlorobutadiene
Concen: 41.802 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.6	50.2	75.2	
227	65.5	52.6	79.0	



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





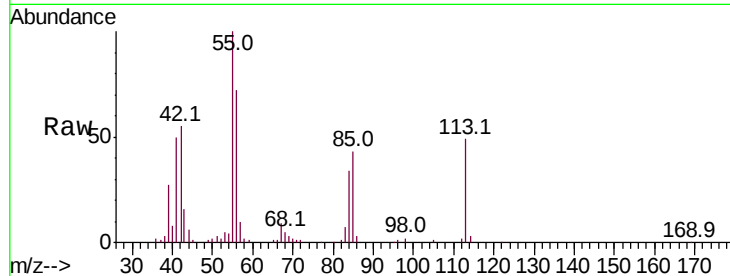
#35
 Caprolactam
 Concen: 46.275 ng/ml
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.02 min
 Lab File: BF114613.D
 Acq: 25 May 2019 19:23

Instrument :
 BNA_F
 ClientSampled :
 PB119919BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	203.3	183.5	223.5
56	147.1	128.8	168.8

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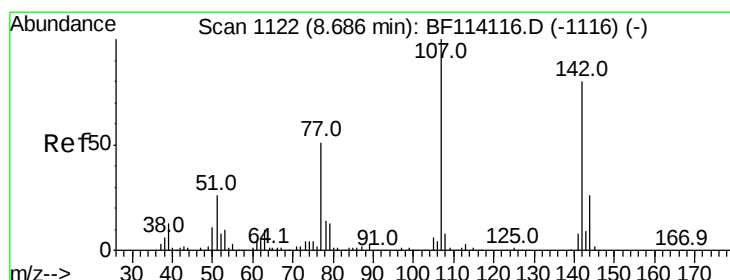
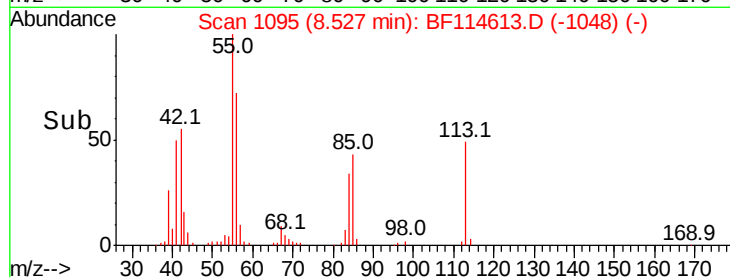
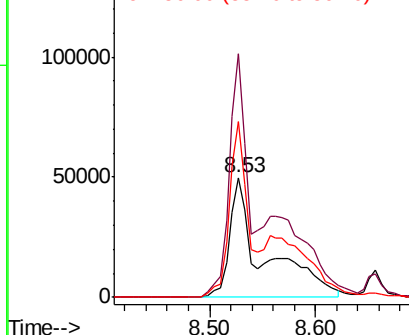


Abundance

Ion 113.00 (112.70 to 113.70): E

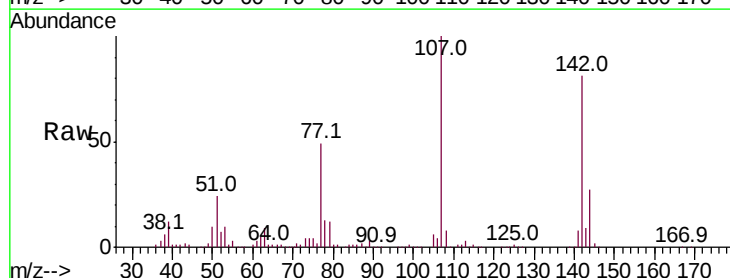
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
 4-Chloro-3-methylphenol
 Concen: 48.037 ng/ml
 RT: 8.66 min Scan# 1117
 Delta R.T. -0.01 min
 Lab File: BF114613.D
 Acq: 25 May 2019 19:23

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.8	20.4	30.6
142	80.7	64.2	96.4

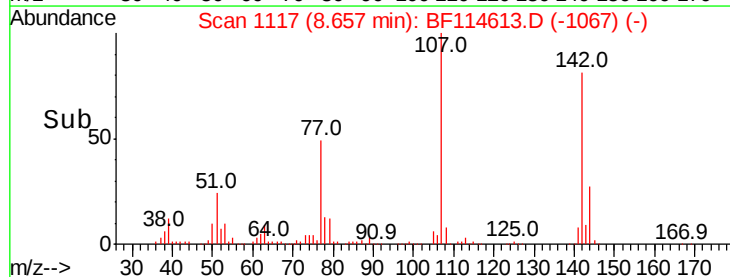
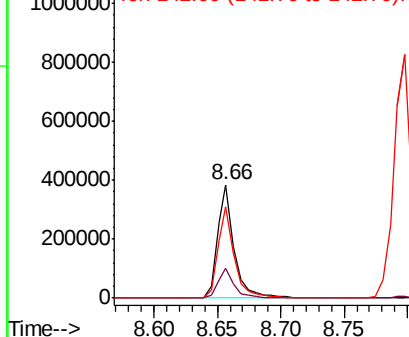


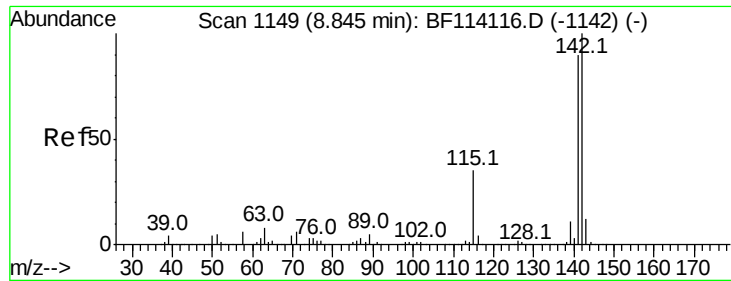
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





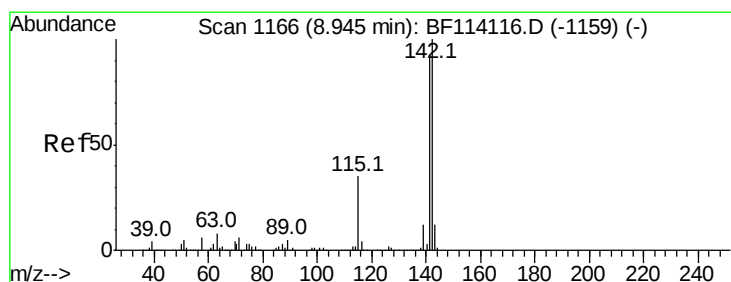
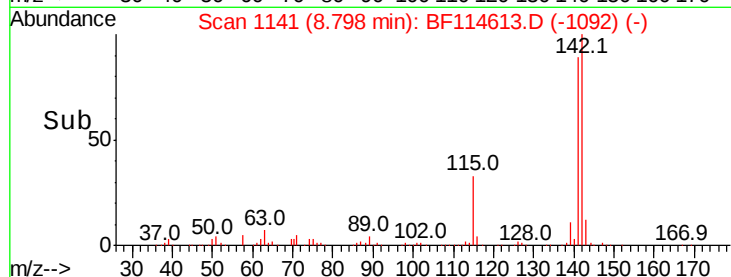
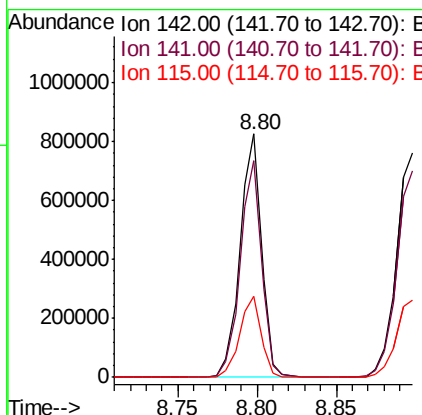
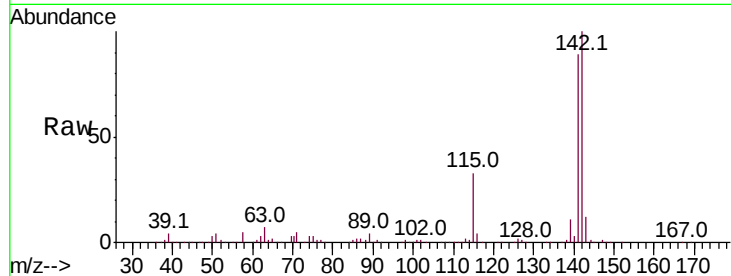
#37
2-Methylnaphthalene
Concen: 47.711 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Instrument :
BNA_F
ClientSampled :
PB119919BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	72.1	108.1
115	33.2	28.0	42.0

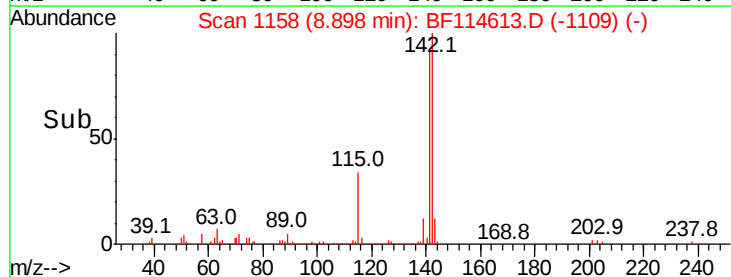
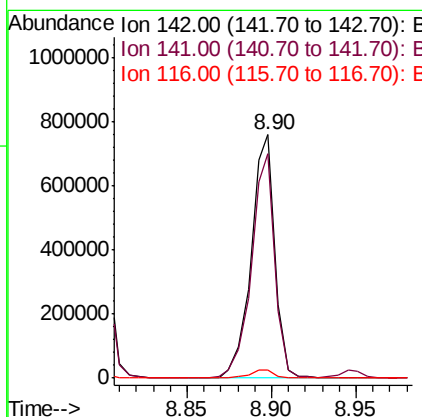
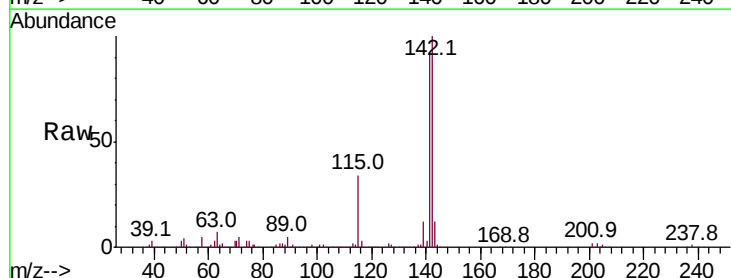
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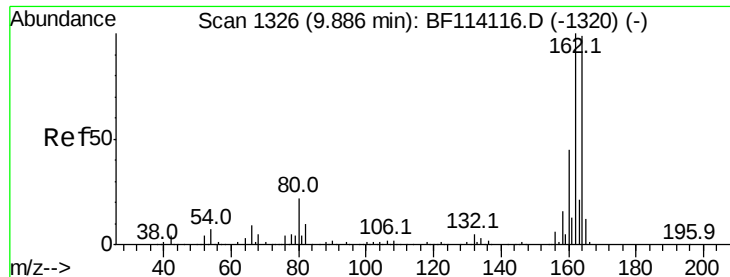
mohammad
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#38
1-Methylnaphthalene
Concen: 48.709 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.4	110.0
116	3.5	3.1	4.7





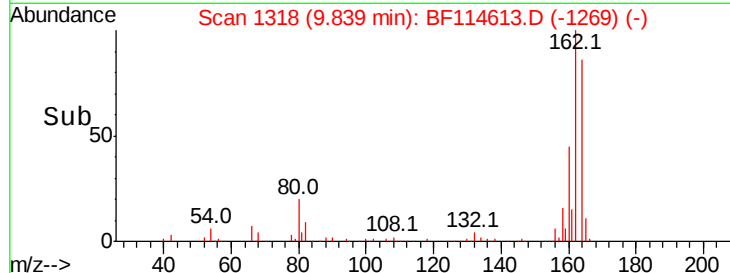
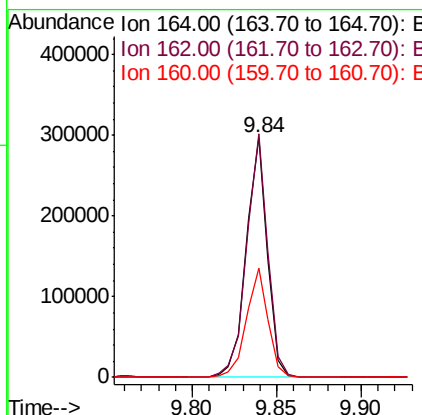
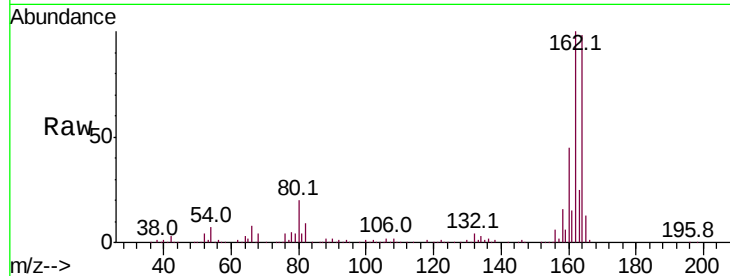
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF114613.D
 Acq: 25 May 2019 19:23

Instrument :
 BNA_F
 ClientSampleId :
 PB119919BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	259687		
162	101.7	80.6	120.8	
160	45.4	36.5	54.7	

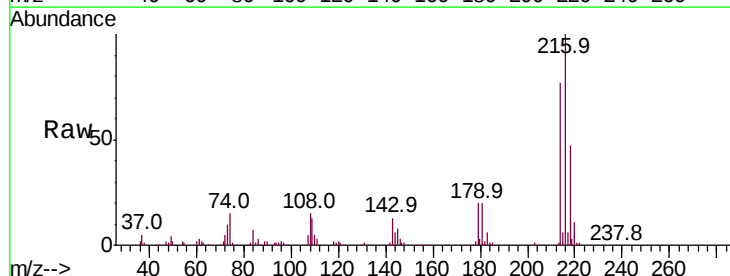
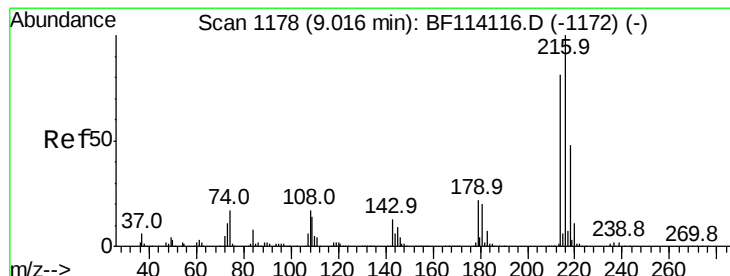
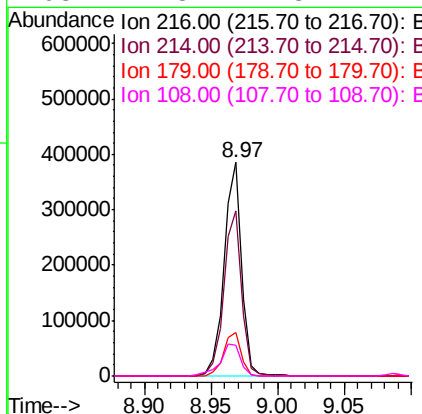
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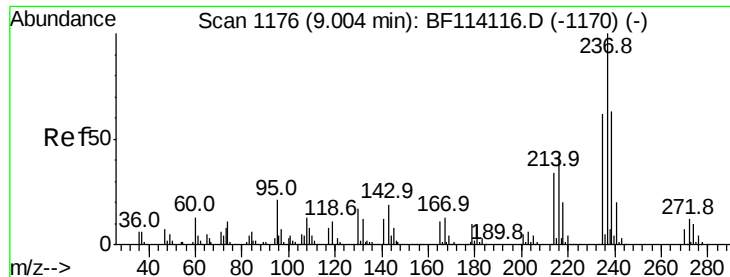
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.446 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF114613.D
 Acq: 25 May 2019 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	357498		
214	78.6	63.9	95.9	
179	21.0	17.0	25.6	
108	17.8	14.8	22.2	





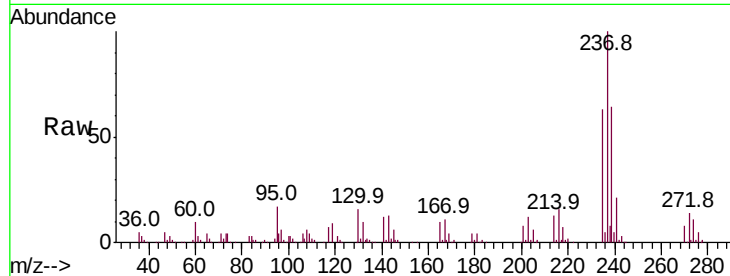
#41
Hexachlorocyclopentadiene
Concen: 43.766 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Instrument :
BNA_F
ClientSampleId :
PB119919BS

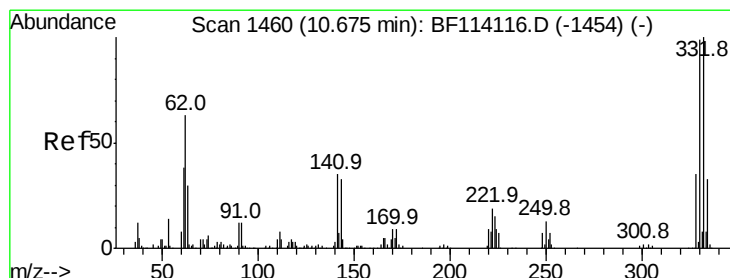
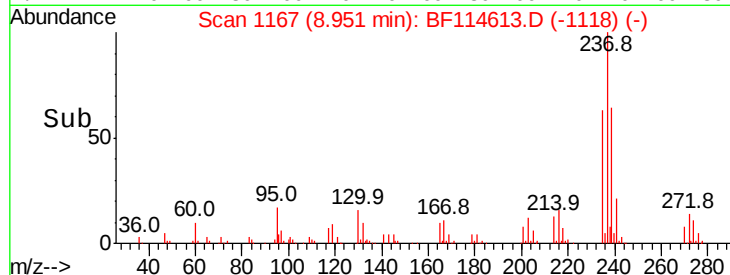
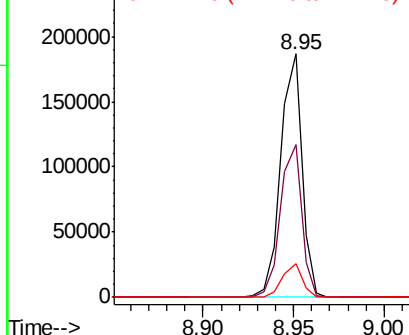
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.8	42.0	82.0
272	13.6	0.0	32.4

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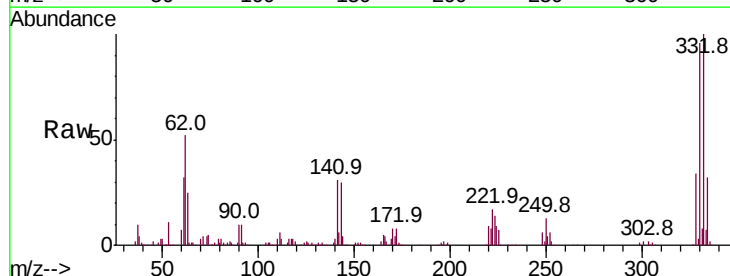


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

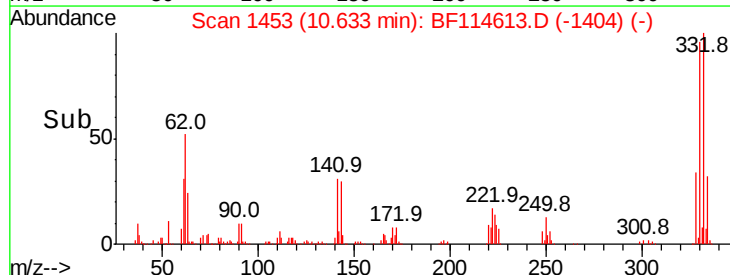
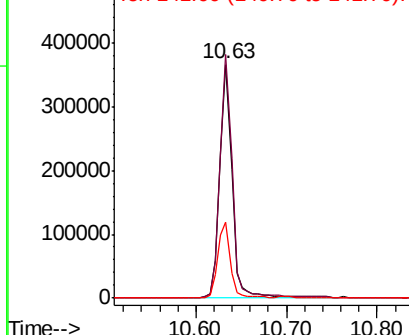


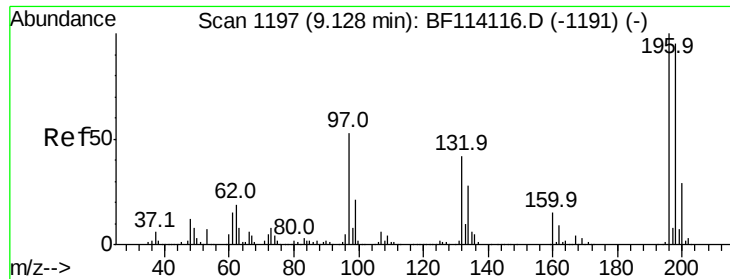
#42
2,4,6-Tribromophenol
Concen: 129.228 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	103.8	81.4	122.2
141	33.3	26.6	40.0



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





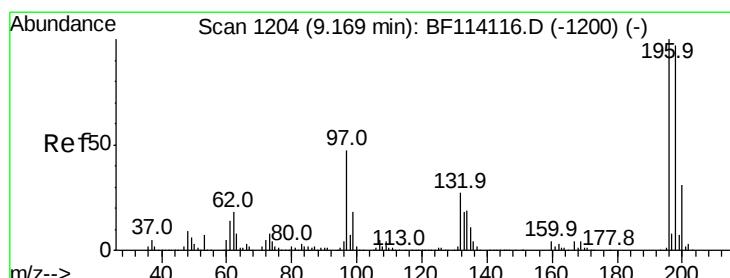
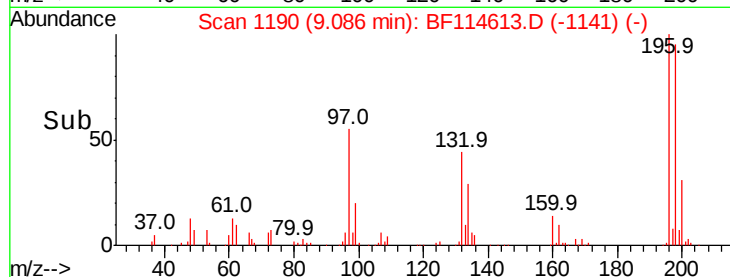
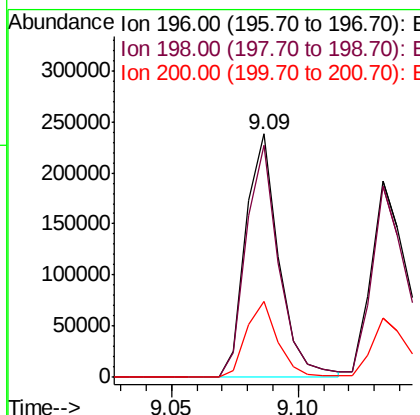
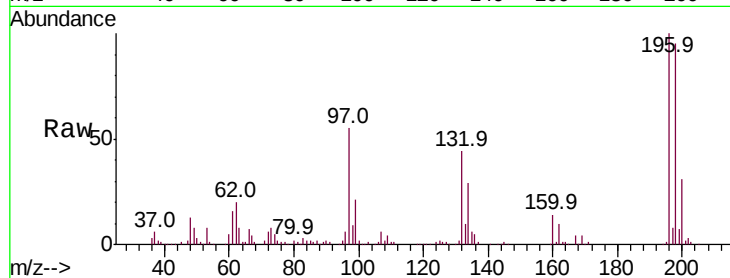
#43
 2,4,6-Trichlorophenol
 Concen: 40.187 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF114613.D
 Acq: 25 May 2019 19:23

Instrument :
 BNA_F
 ClientSampleId :
 PB119919BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	217443		
198	95.4	75.9	113.9	
200	31.3	23.5	35.3	

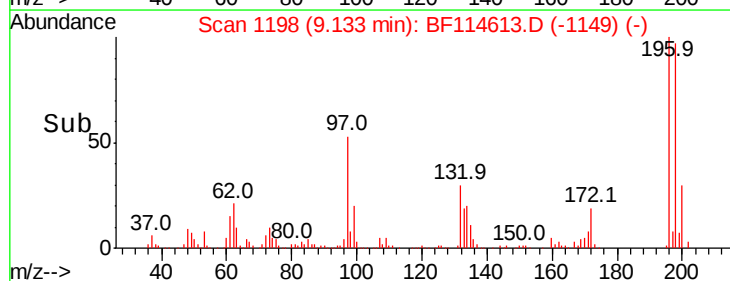
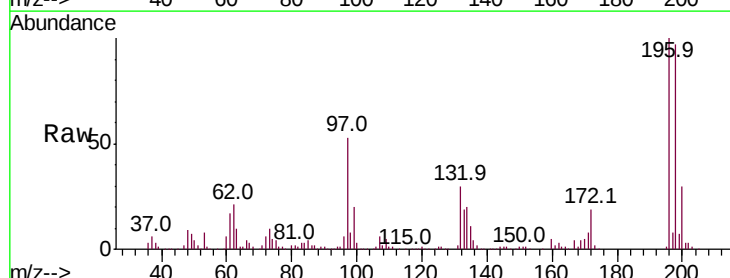
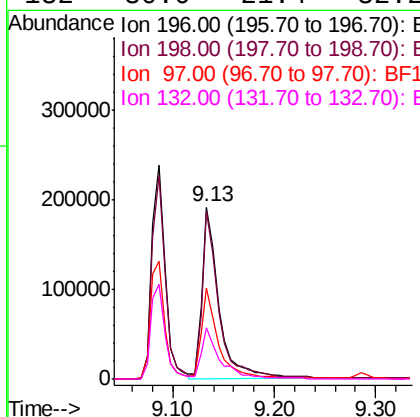
Manual Integrations
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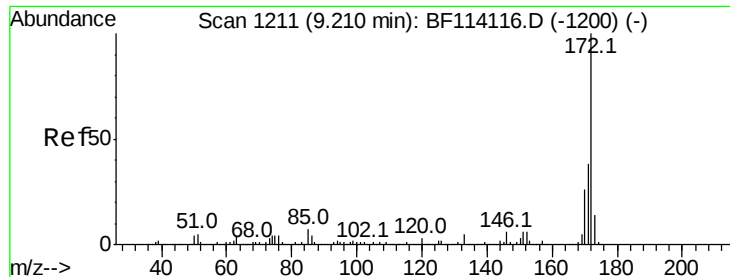
mohammad
 5/27/2019 3:50:10 AM



#44
 2,4,5-Trichlorophenol
 Concen: 40.485 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF114613.D
 Acq: 25 May 2019 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	224649		
198	97.3	77.7	116.5	
97	53.2	38.2	57.2	
132	30.0	21.4	32.2	





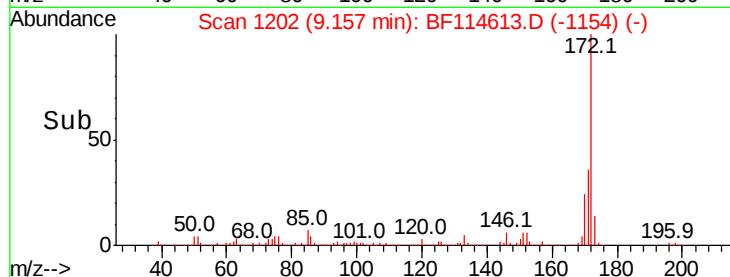
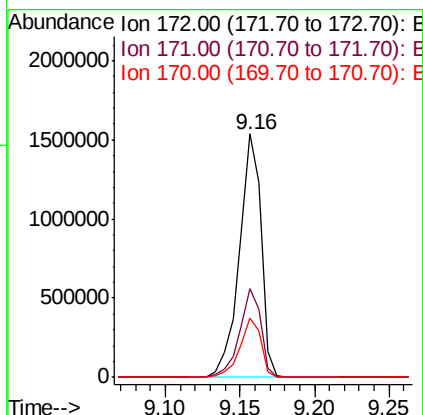
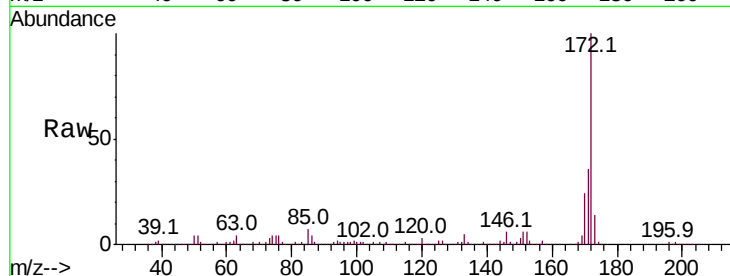
#45
2-Fluorobiphenyl
Concen: 91.052 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Instrument :
BNA_F
ClientSampleId :
PB119919BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.7	46.1
170	24.3	20.5	30.7

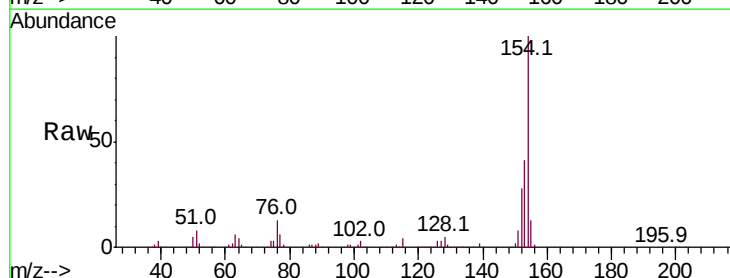
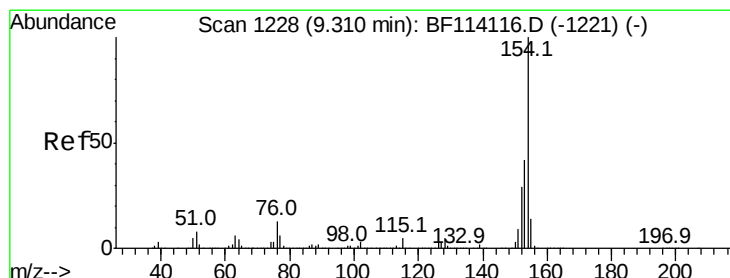
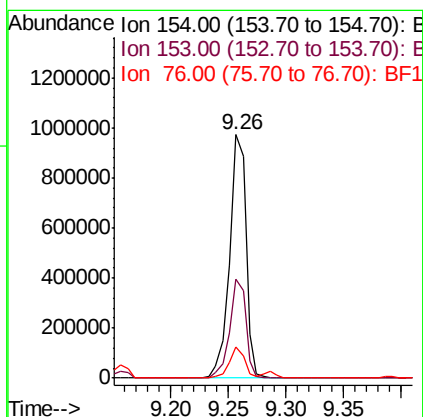
Manual Integrations
APPROVED

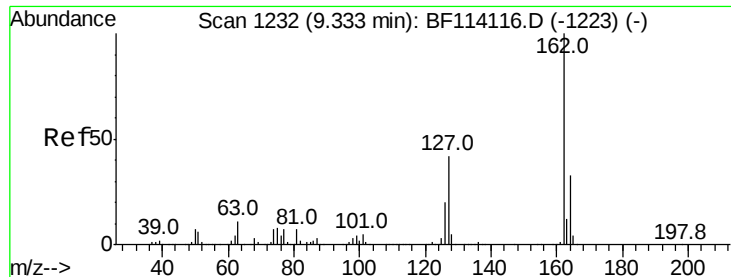
mohammad
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#46
1,1'-Biphenyl
Concen: 45.833 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.02 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.9	61.9
76	12.6	0.0	32.8





#47

2-Chloronaphthalene

Concen: 43.012 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.01 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

Instrument :

BNA_F

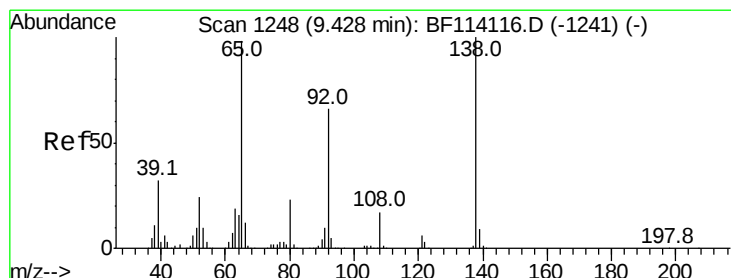
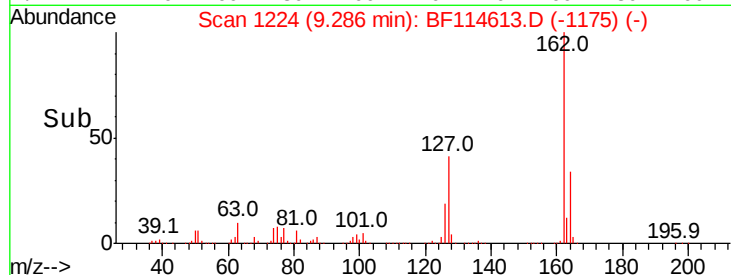
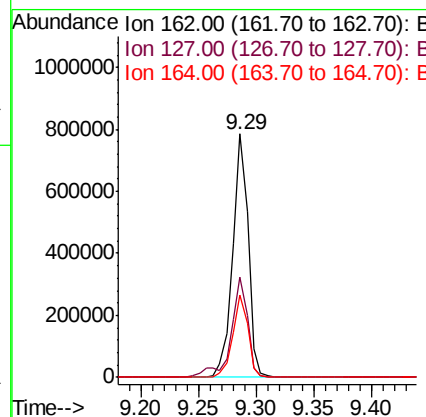
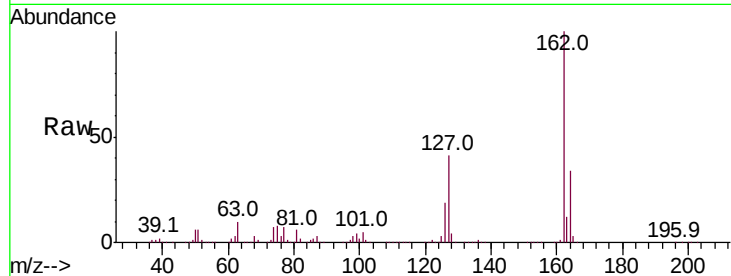
ClientSampleId :

PB119919BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.3	34.0	51.0	
164	33.9	26.7	40.1	

Manual Integrations
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#48

2-Nitroaniline

Concen: 40.908 ng

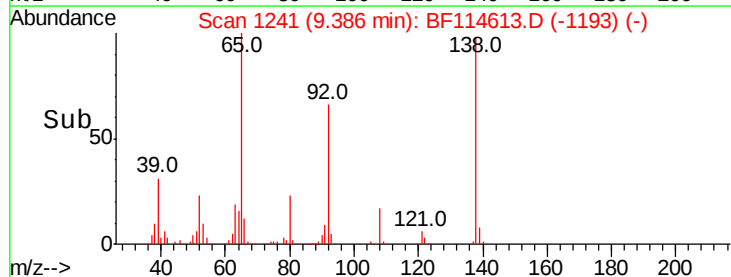
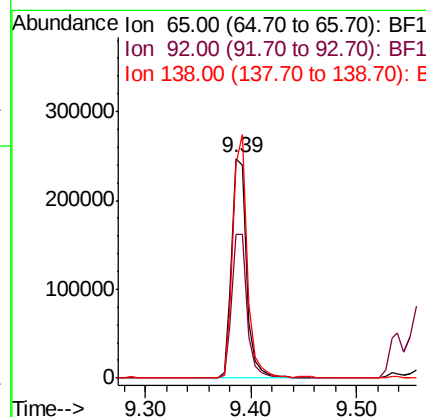
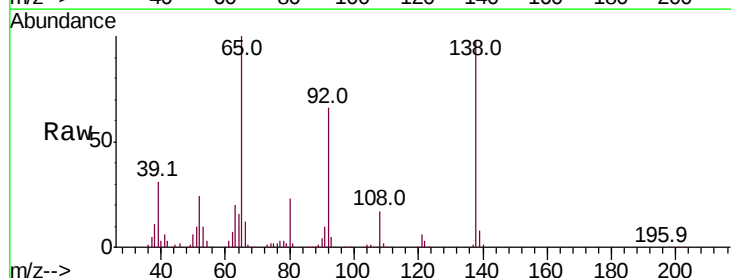
RT: 9.39 min Scan# 1241

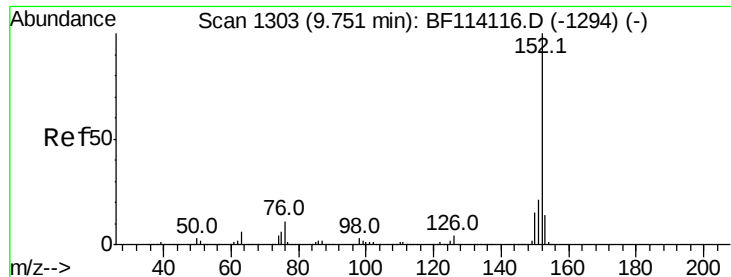
Delta R.T. -0.02 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	65.7	53.9	80.9	
138	97.6	81.4	122.0	





#49

Acenaphthylene

Concen: 45.044 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

Instrument :

BNA_F

ClientSampleId :

PB119919BS

Tot Ion:152 Resp: 1156707

Ion Ratio Lower Upper

152 100

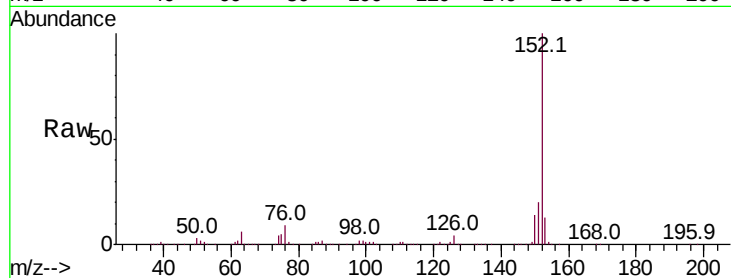
151 20.0 16.8 25.2

153 12.6 11.4 17.2

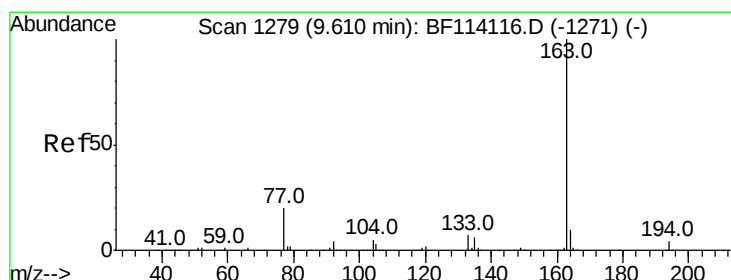
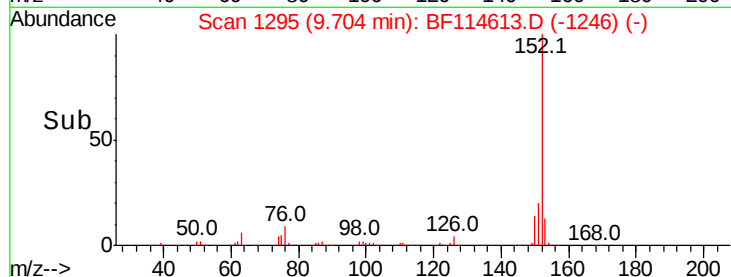
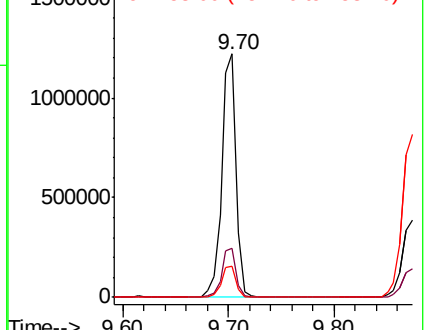
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.606 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

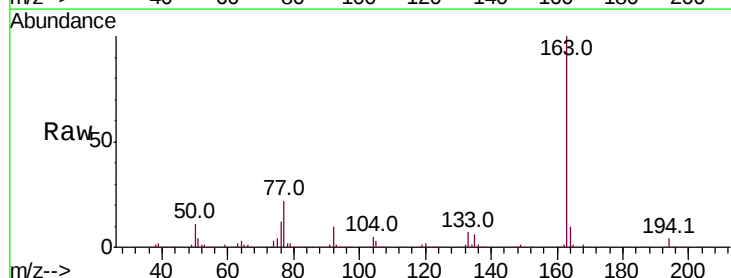
Tgt Ion:163 Resp: 812213

Ion Ratio Lower Upper

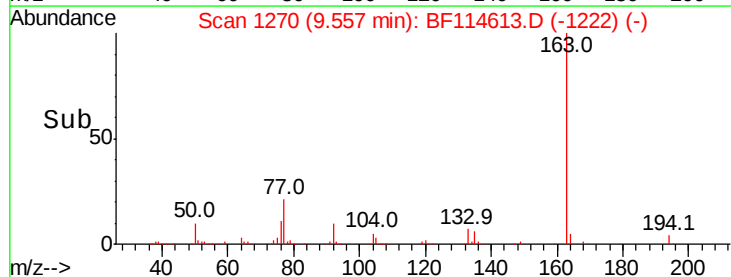
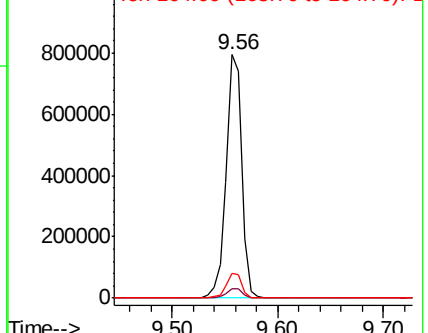
163 100

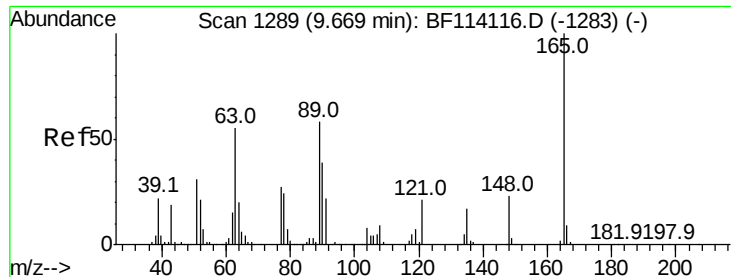
194 3.9 3.4 5.0

164 10.3 8.2 12.2



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





#51

2,6-Dinitrotoluene

Concen: 43.432 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

Instrument :

BNA_F

ClientSampleId :

PB119919BS

Tot Ion:165 Resp: 183642

Ion Ratio Lower Upper

165 100

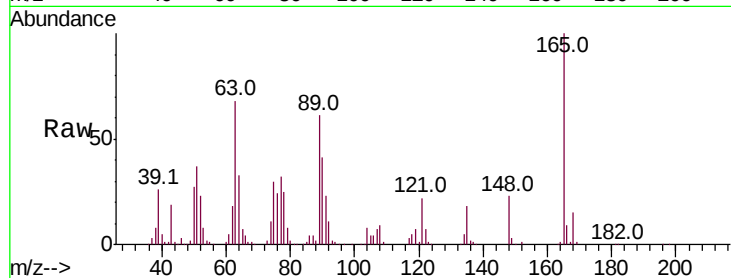
63 67.6 50.2 75.4

89 60.6 46.6 69.8

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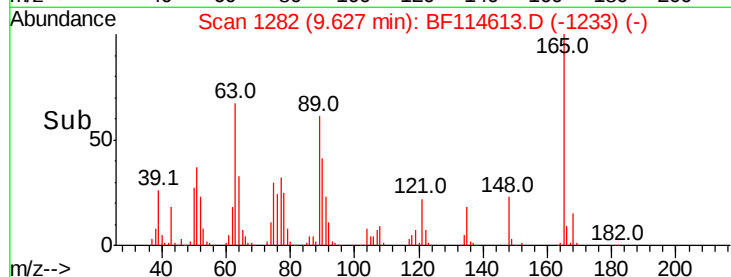


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Time-->

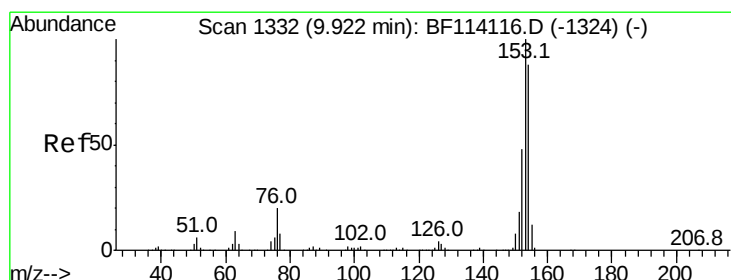


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Time-->



#52

Acenaphthene

Concen: 42.952 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

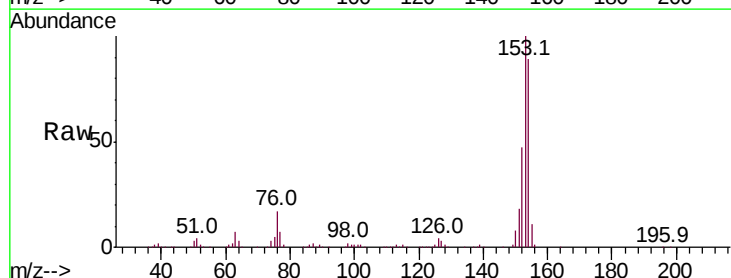
Tgt Ion:154 Resp: 676840

Ion Ratio Lower Upper

154 100

153 112.0 90.5 135.7

152 53.0 43.4 65.2

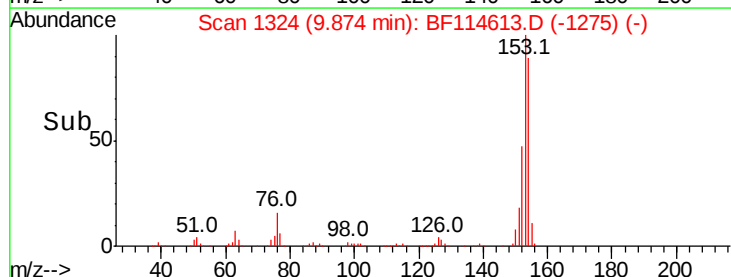


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->

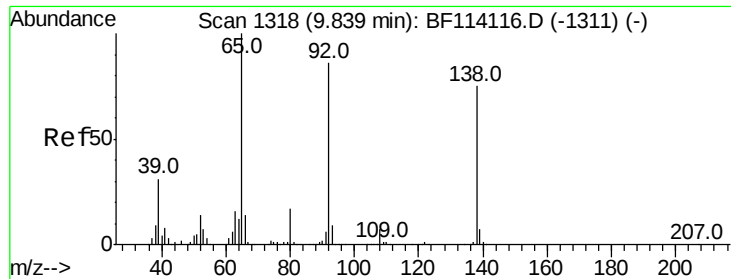


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



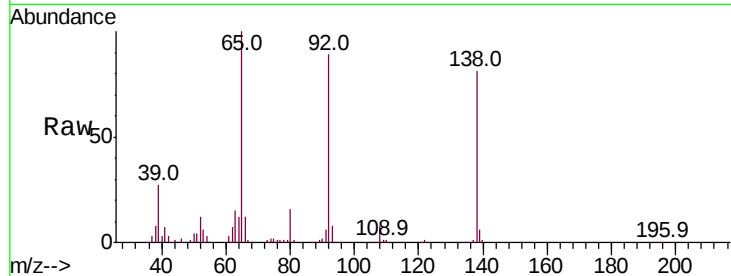
#53
3-Nitroaniline
Concen: 28.386 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Instrument :
BNA_F
ClientSampleId :
PB119919BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	7.8	11.6
92	110.0	91.2	136.8

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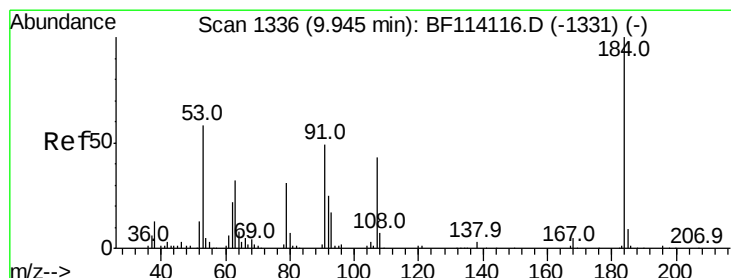
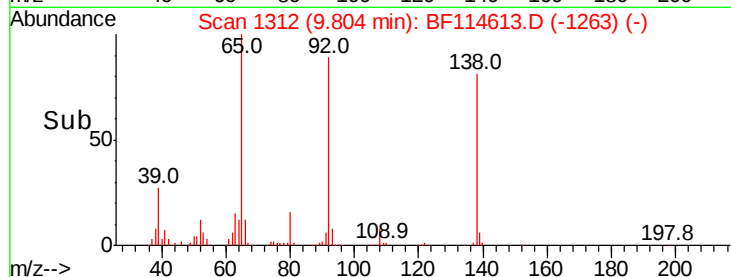
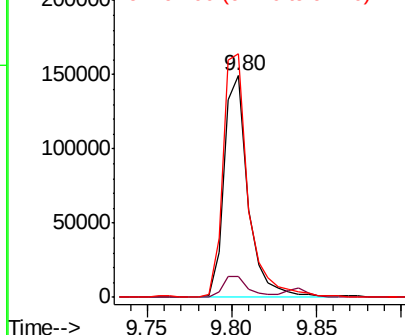


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 70.999 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

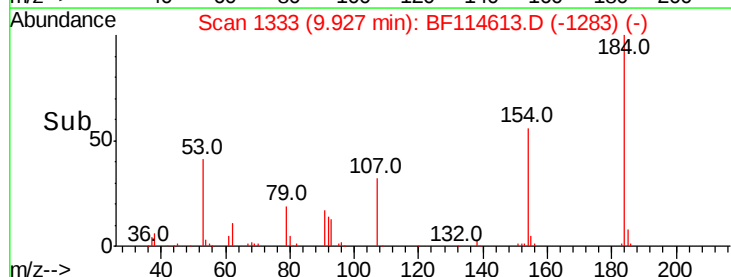
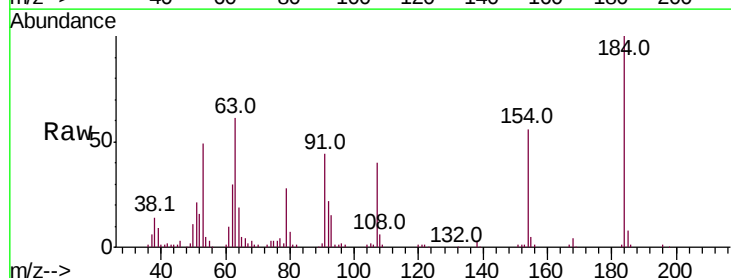
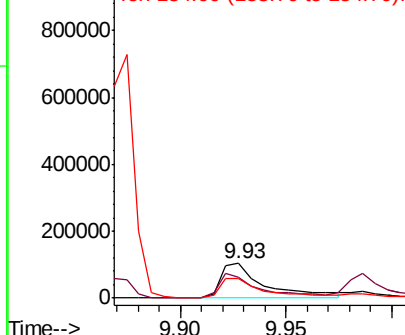
Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.5	55.6	83.4
154	56.4	46.0	69.0

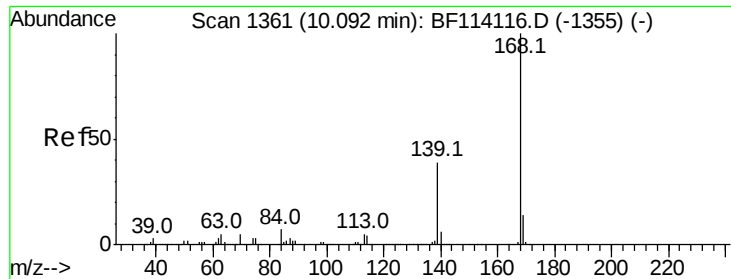
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





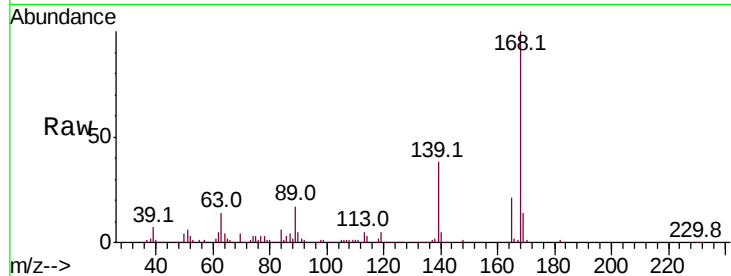
#55
Dibenzofuran
Concen: 42.476 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Instrument :
BNA_F
ClientSampled :
PB119919BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.4	31.1	46.7
169	14.0	11.4	17.0

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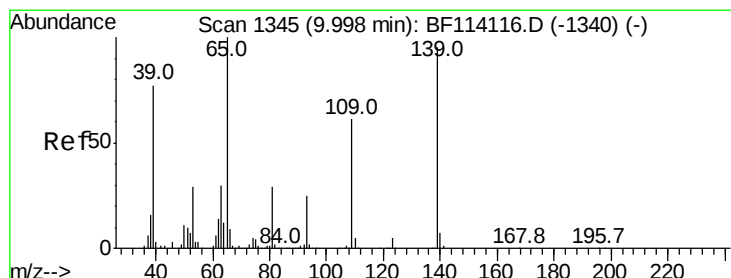
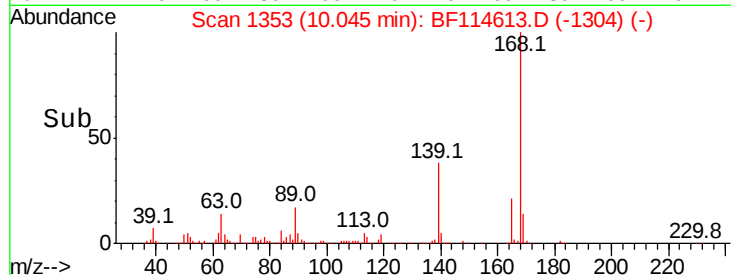
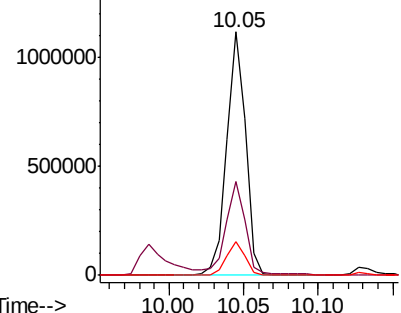


Abundance

Ion 168.00 (167.70 to 168.70): E

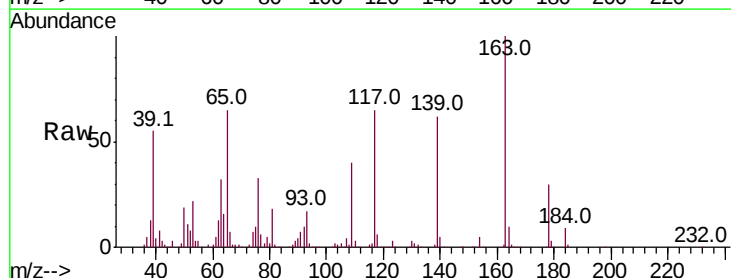
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 50.181 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.5	43.9	83.9
65	105.2	85.7	125.7

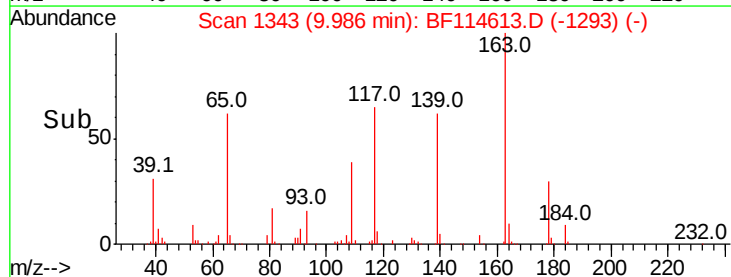
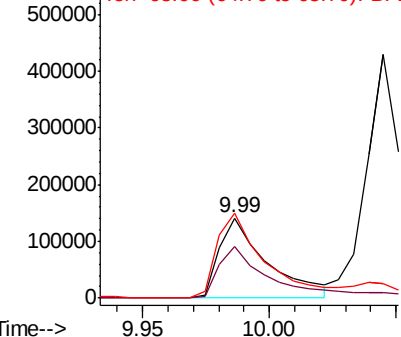


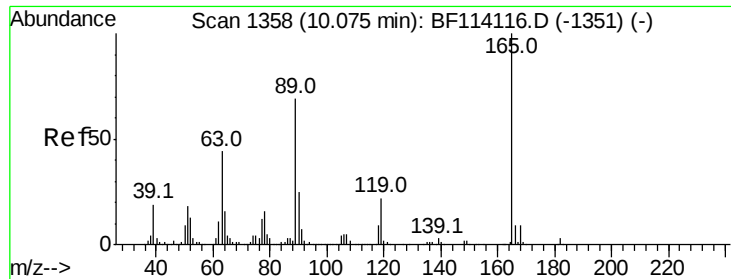
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





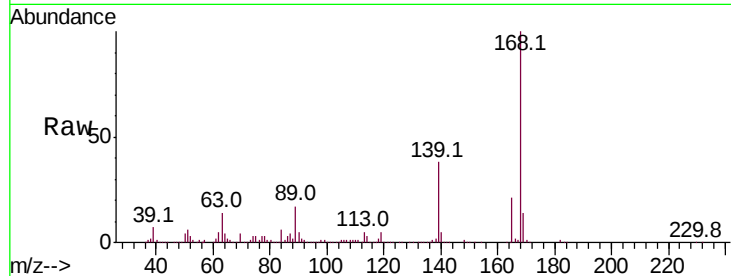
#57
2,4-Dinitrotoluene
Concen: 40.093 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Instrument :
BNA_F
ClientSampleId :
PB119919BS

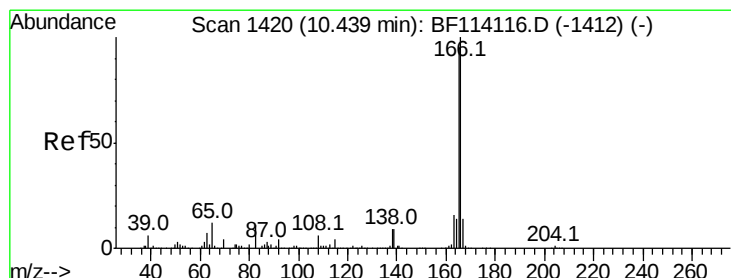
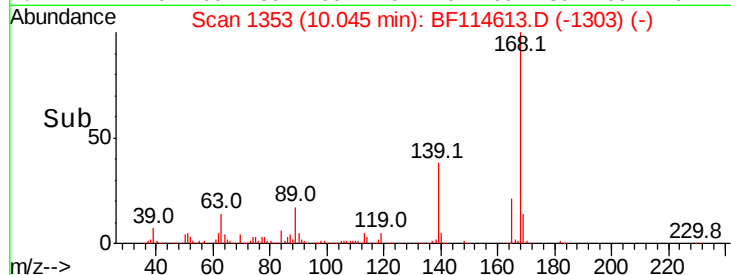
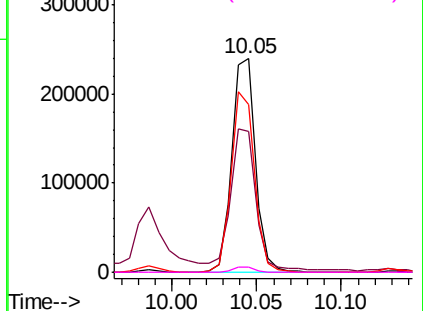
Tot Ion	Ratio	Resp	Lower	Upper
165	100	230091		
63	66.2	35.5	53.3#	
89	78.6	55.2	82.8	
182	2.5	2.2	3.2	

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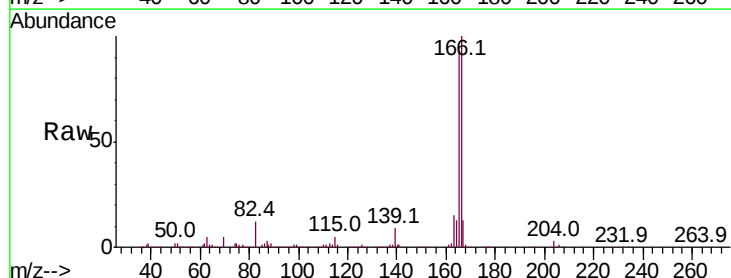


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

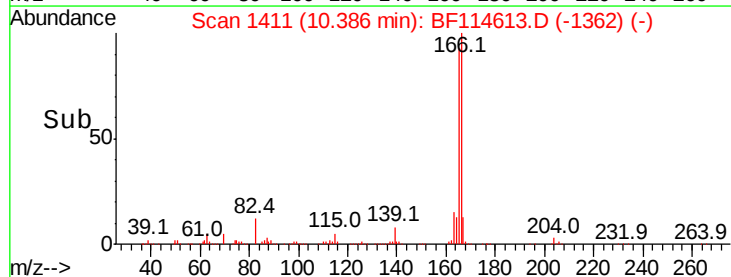
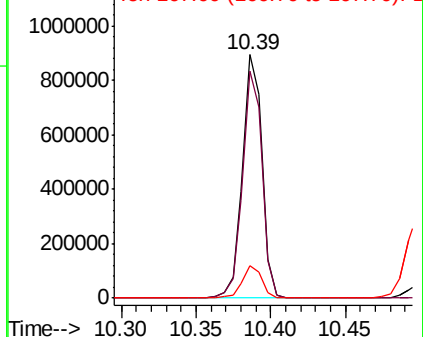


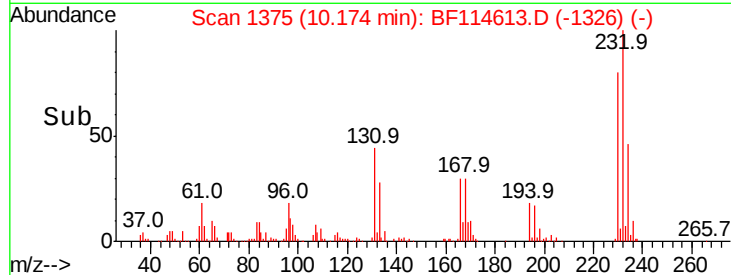
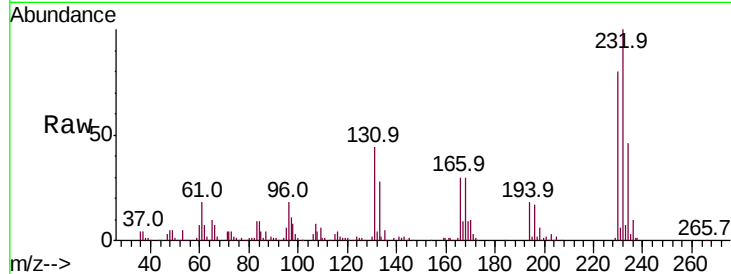
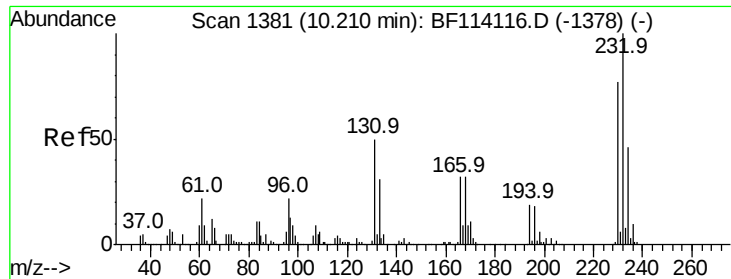
#58
Fluorene
Concen: 45.424 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	810725		
165	93.0	76.1	114.1	
167	13.5	11.1	16.7	



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





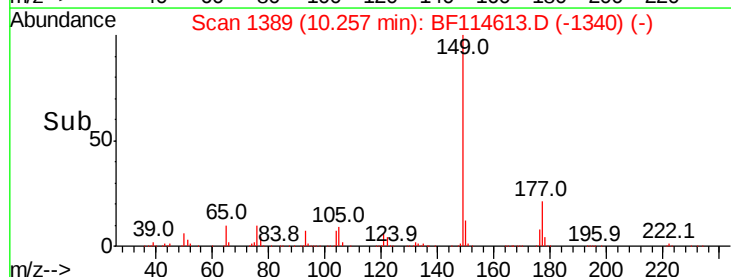
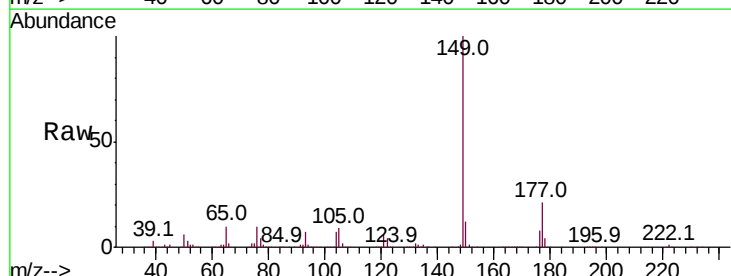
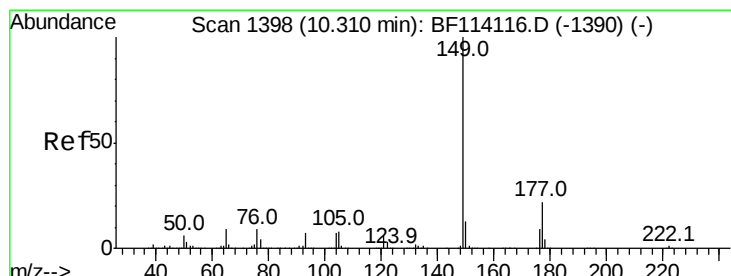
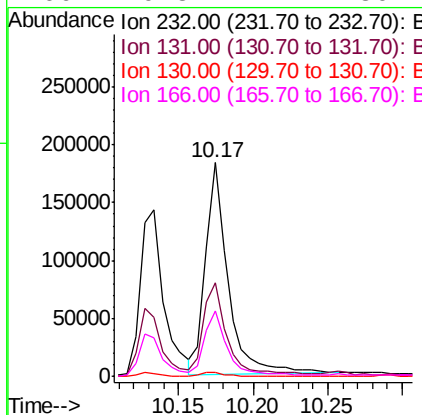
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.018 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Instrument :
BNA_F
ClientSampleId :
PB119919BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	191601		
131	44.2	35.6	53.4	
130	2.1	1.6	2.4	
166	29.8	24.1	36.1	

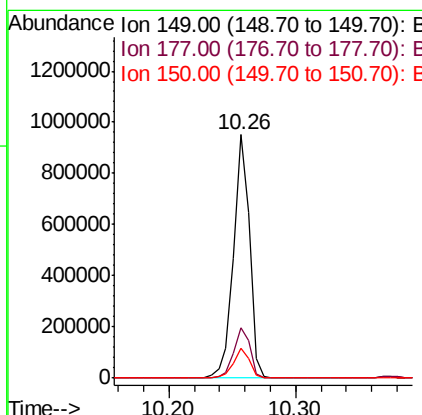
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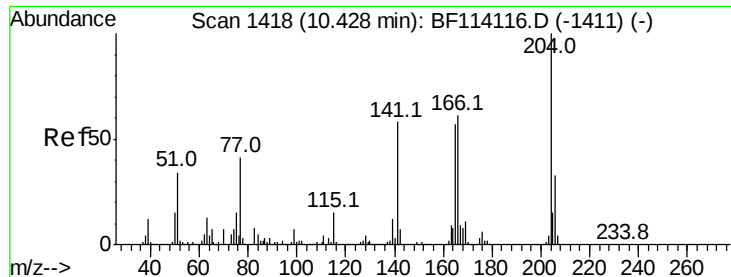
mohammad
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#60
Diethylphthalate
Concen: 42.366 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	820616		
177	20.8	17.8	26.6	
150	12.5	10.2	15.2	





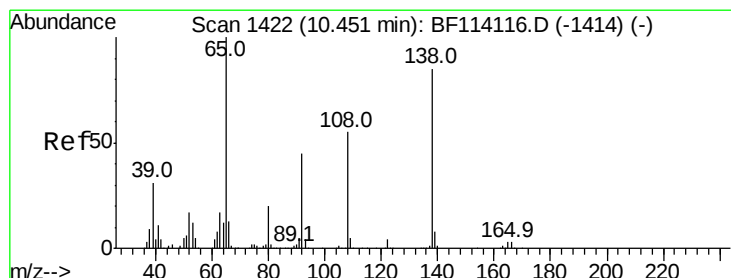
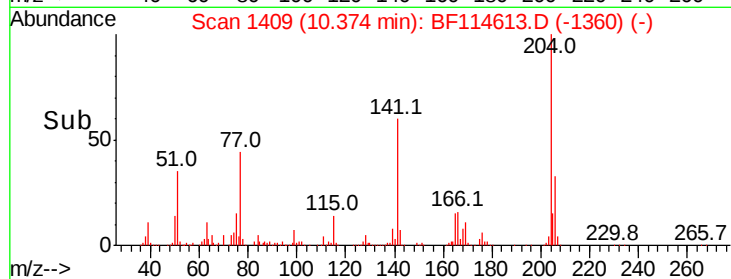
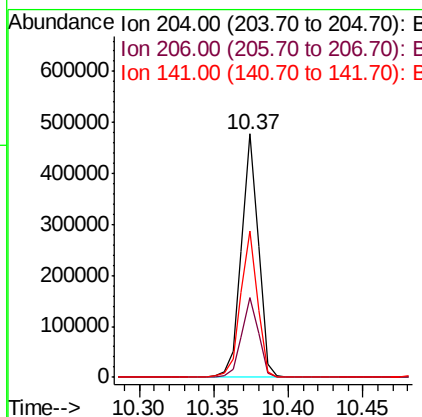
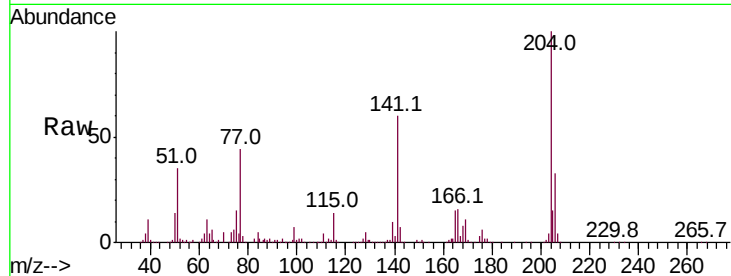
#61
4-Chlorophenyl-phenylether
Concen: 43.420 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Instrument :
BNA_F
ClientSampleId :
PB119919BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.6	39.8
141	60.0	46.4	69.6

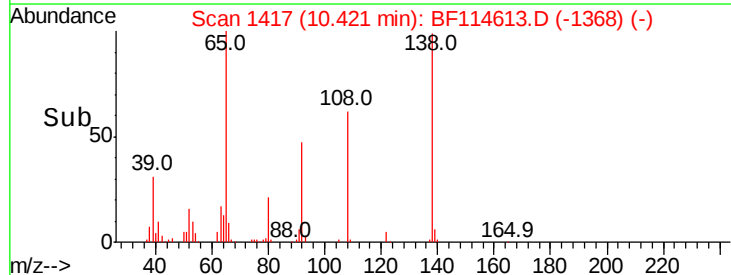
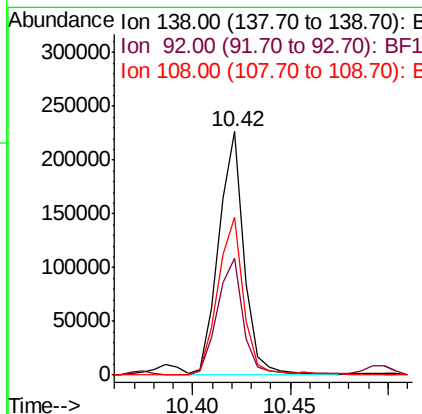
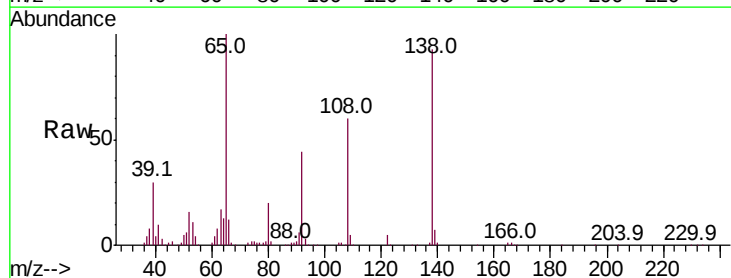
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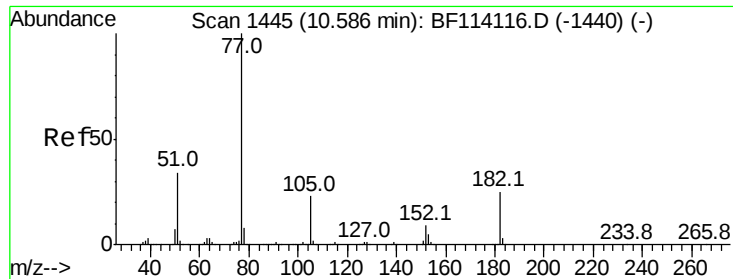
mohammad
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#62
4-Nitroaniline
Concen: 36.518 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.8	33.0	73.0
108	64.8	44.9	84.9





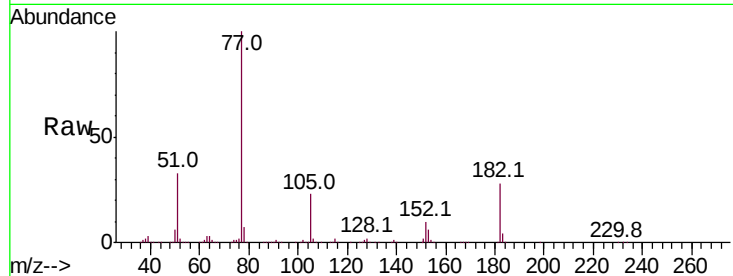
#63
Azobenzene
Concen: 42.354 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Instrument :
BNA_F
ClientSampled :
PB119919BS

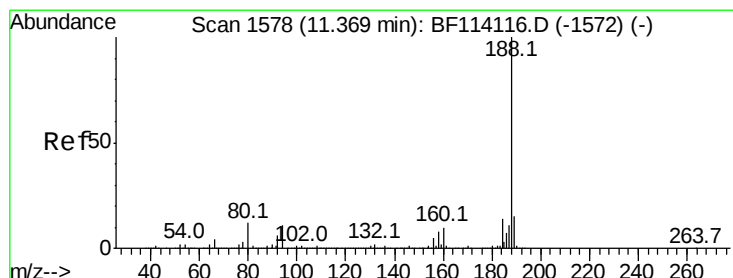
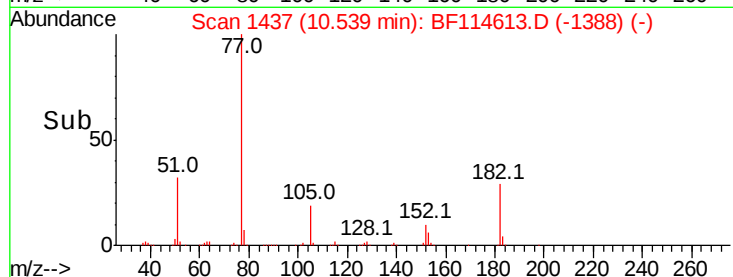
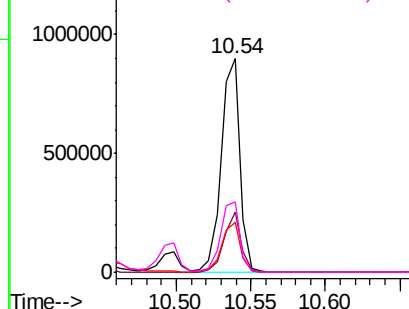
Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	28.0	4.7	44.7	
105	23.3	2.9	42.9	
51	32.7	14.6	54.6	

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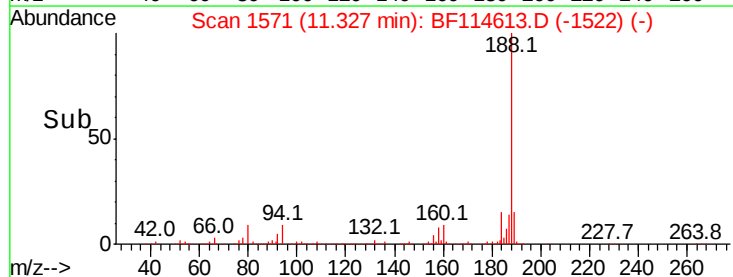
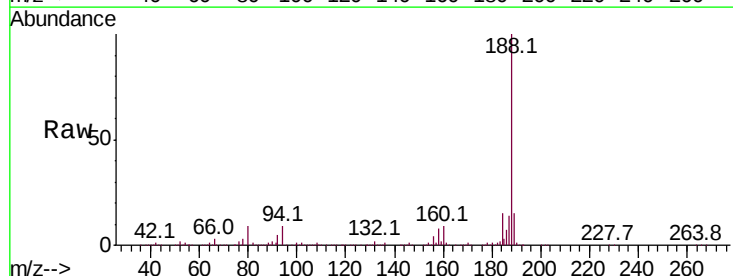
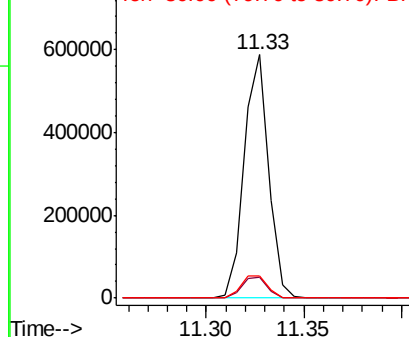
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

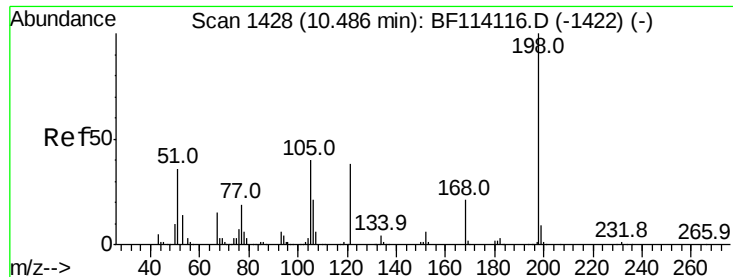


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.6	8.4	12.6	
80	9.3	9.2	13.8	

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





#65

4,6-Dinitro-2-methylphenol

Concen: 43.770 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

Instrument :

BNA_F

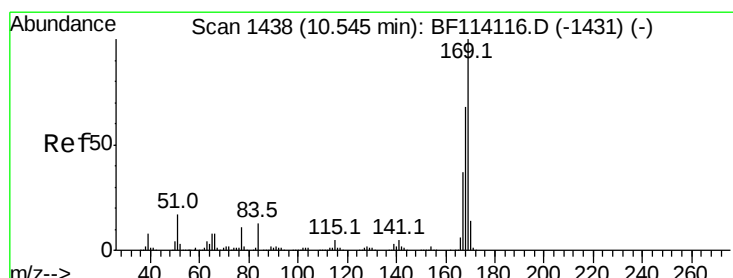
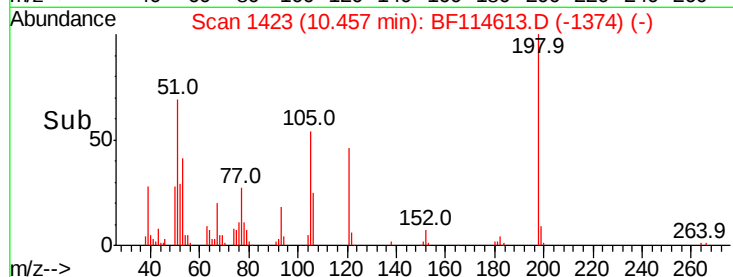
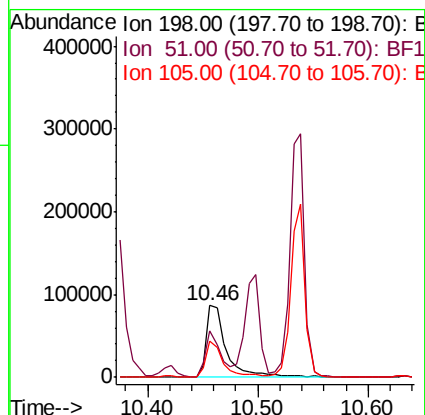
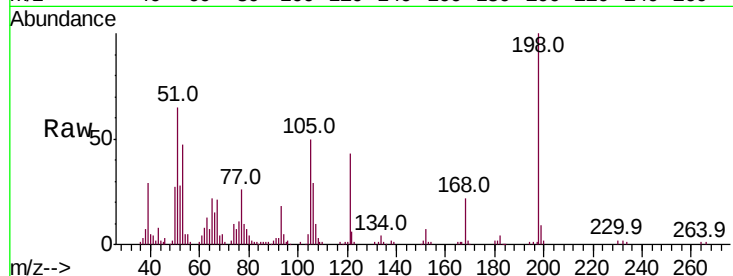
ClientSampleId :

PB119919BS

Tot Ion:	198	Resp:	107370
Ion Ratio	Lower	Upper	
198	100		
51	64.9	28.0	68.0
105	49.8	21.1	61.1

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#66

n-Nitrosodiphenylamine

Concen: 45.906 ng

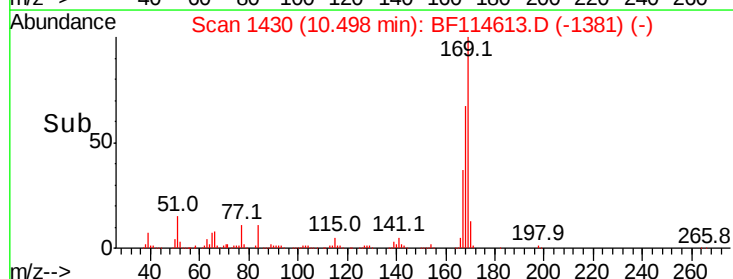
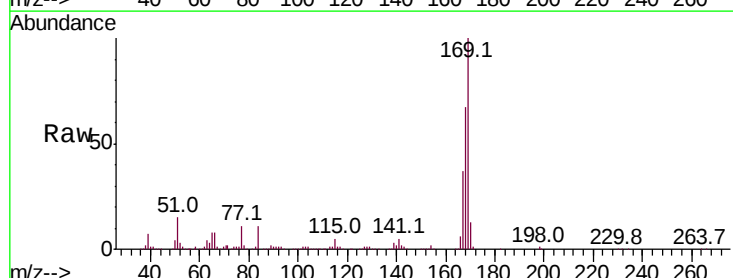
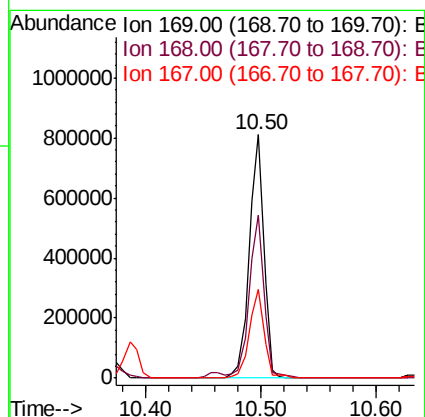
RT: 10.50 min Scan# 1430

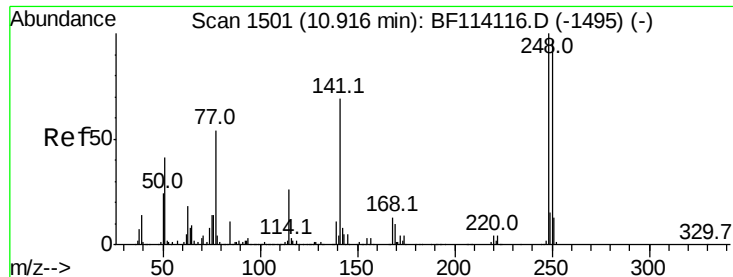
Delta R.T. -0.01 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

Tgt Ion:	169	Resp:	711273
Ion Ratio	Lower	Upper	
169	100		
168	66.9	54.2	81.2
167	36.6	29.8	44.8





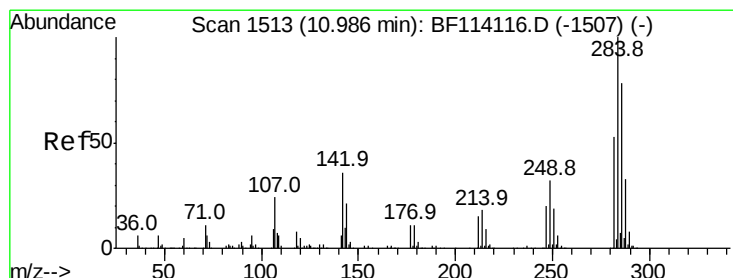
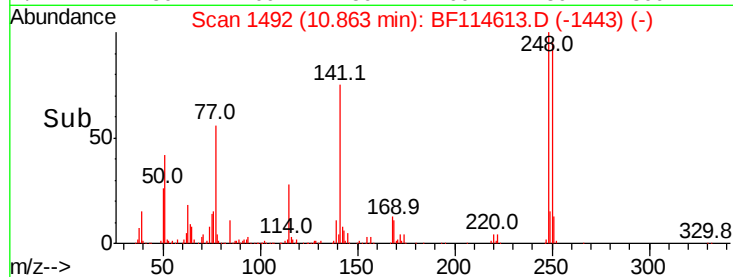
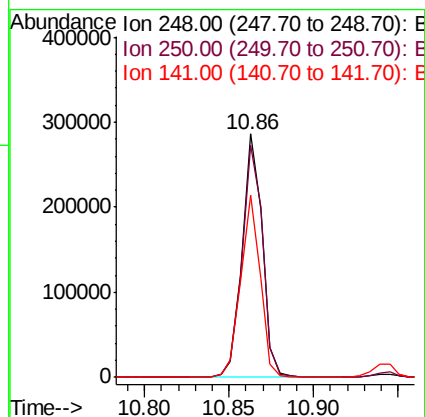
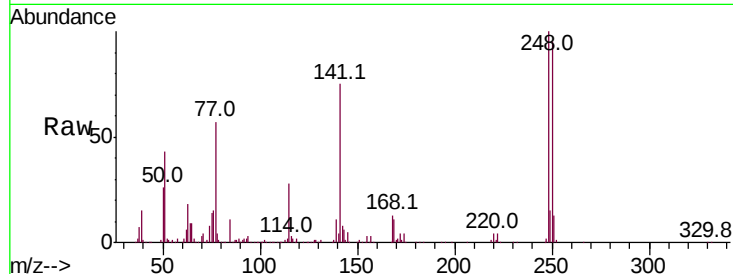
#67
4-Bromophenyl-phenylether
Concen: 41.975 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Instrument :
BNA_F
ClientSampleId :
PB119919BS

Tot Ion:	248	Resp:	235941
Ion Ratio	Lower	Upper	
248	100		
250	95.1	77.4	116.2
141	74.7	55.6	83.4

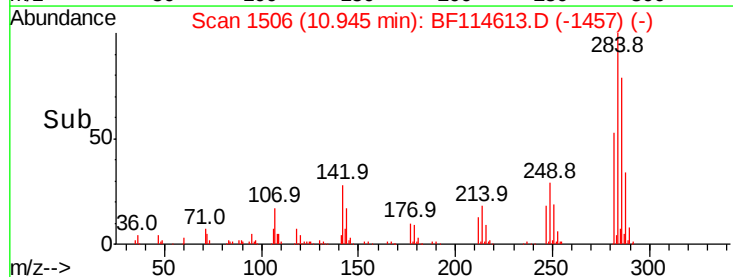
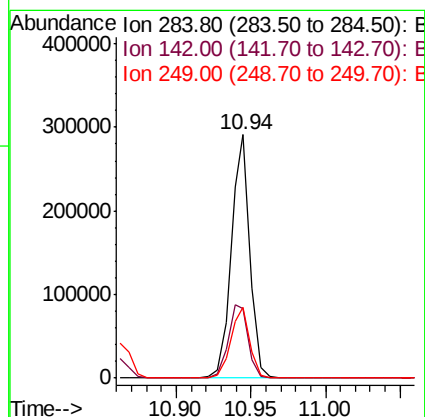
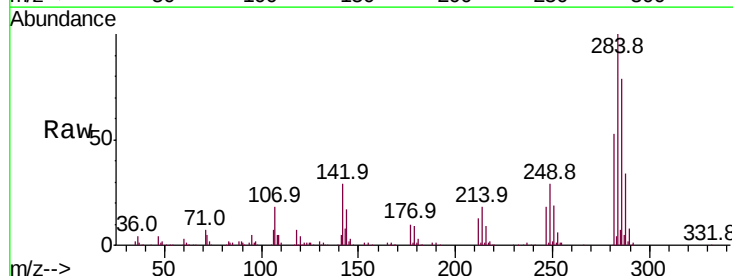
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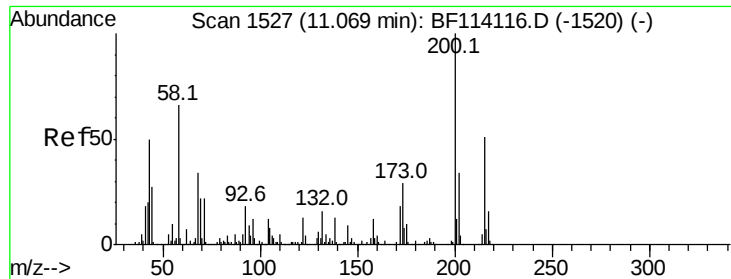
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#68
Hexachlorobenzene
Concen: 41.114 ng
RT: 10.94 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Tgt Ion:	284	Resp:	255657
Ion Ratio	Lower	Upper	
284	100		
142	28.5	28.4	42.6
249	29.1	25.2	37.8





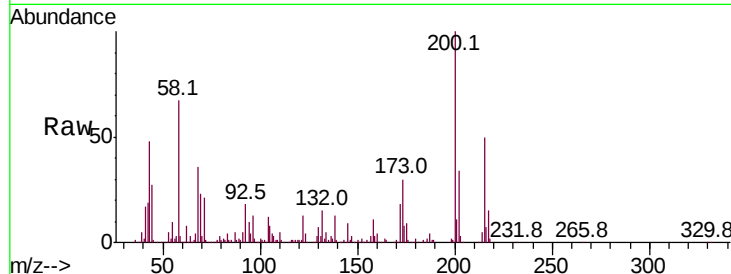
#69
Atrazine
Concen: 43.055 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.02 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Instrument :
BNA_F
ClientSampleId :
PB119919BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	30.2	8.9	48.9	
215	49.7	30.7	70.7	

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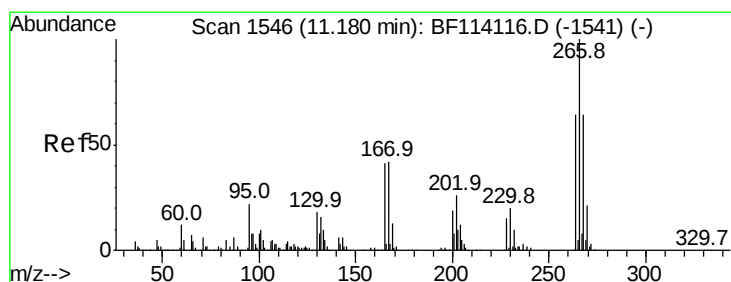
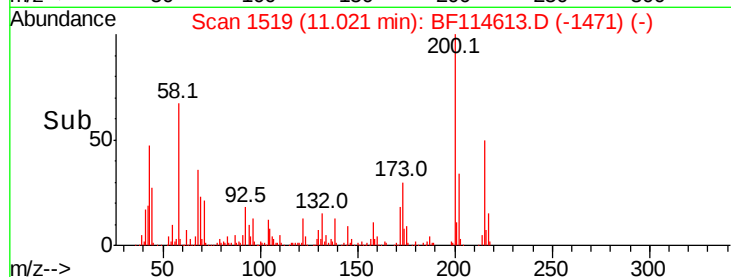
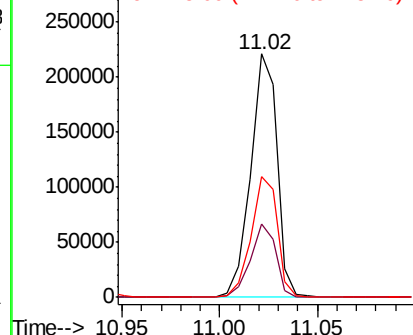


Abundance

Ion 200.00 (199.70 to 200.70): E

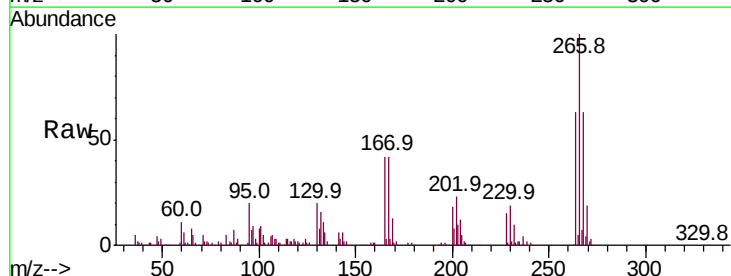
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 55.995 ng
RT: 11.14 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	63.5	51.1	76.7	
264	63.2	51.1	76.7	

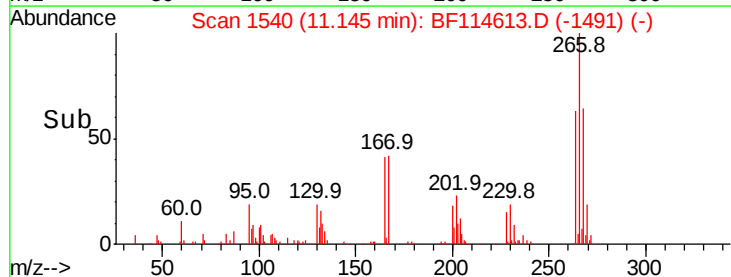
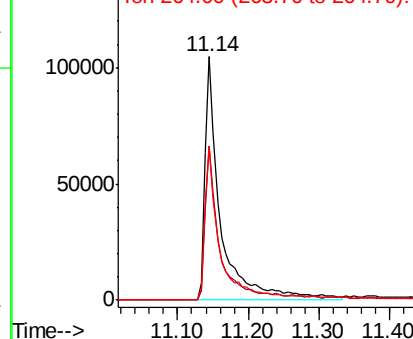


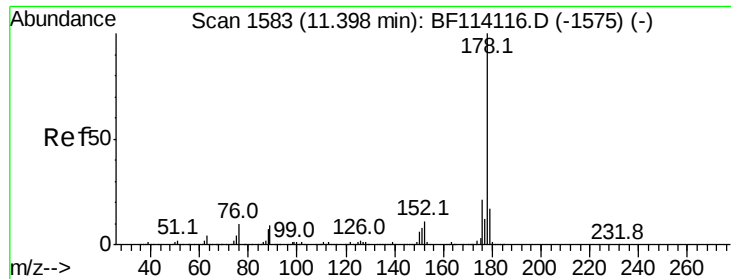
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





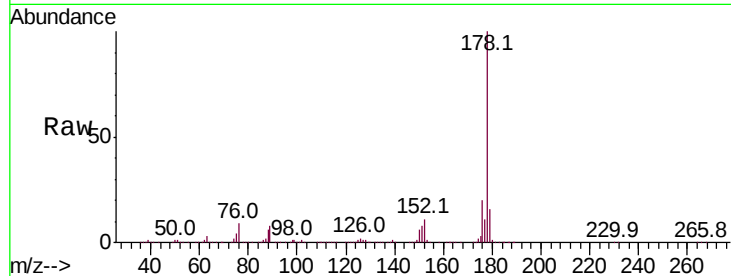
#71
 Phenanthrene
 Concen: 45.516 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. -0.01 min
 Lab File: BF114613.D
 Acq: 25 May 2019 19:23

Instrument :
 BNA_F
 ClientSampleId :
 PB119919BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.4	24.6
179	16.0	13.2	19.8

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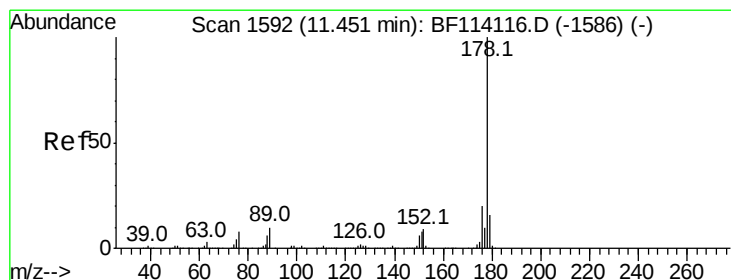
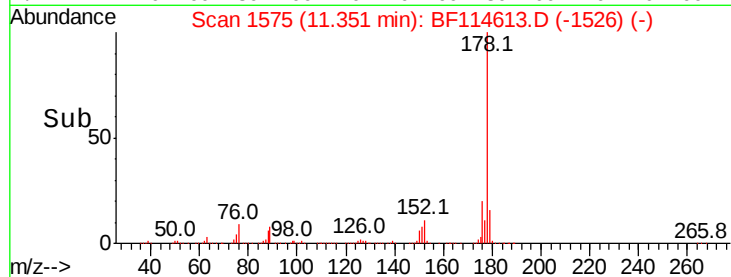
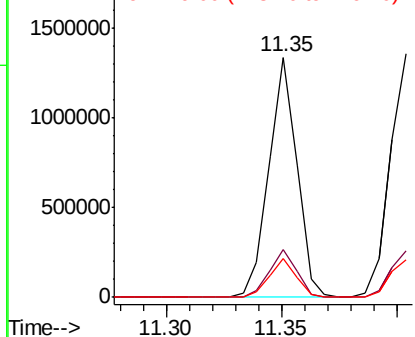


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
 Anthracene
 Concen: 47.480 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF114613.D
 Acq: 25 May 2019 19:23

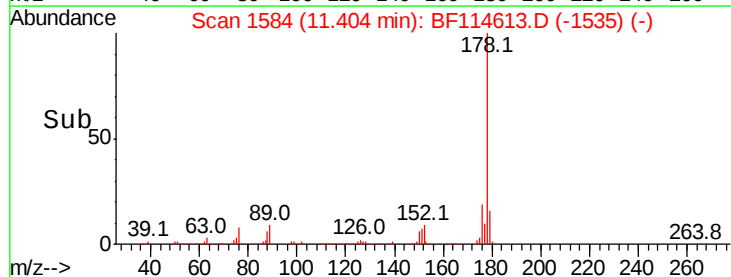
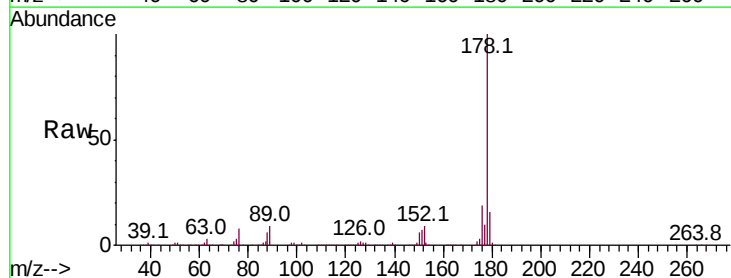
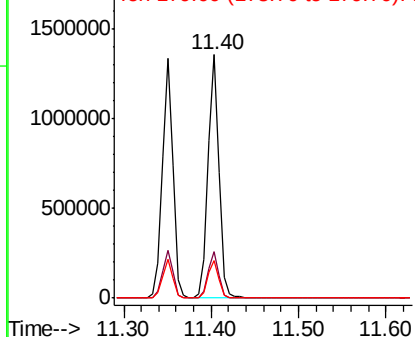
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.6	13.0	19.4

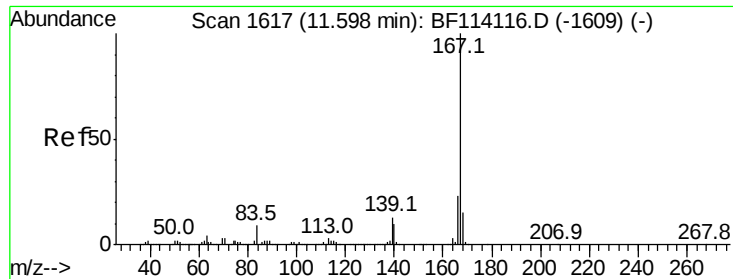
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





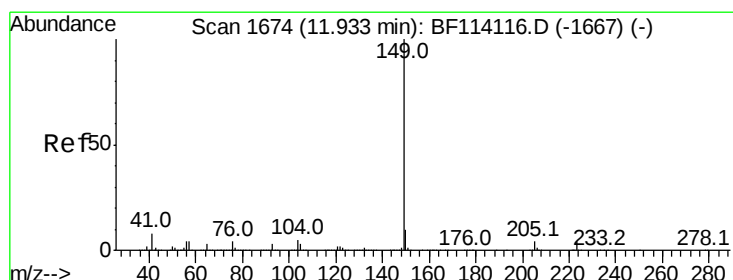
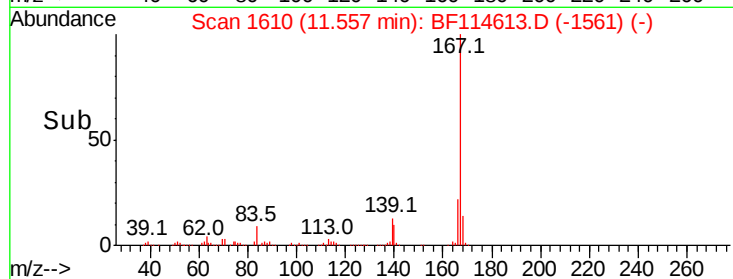
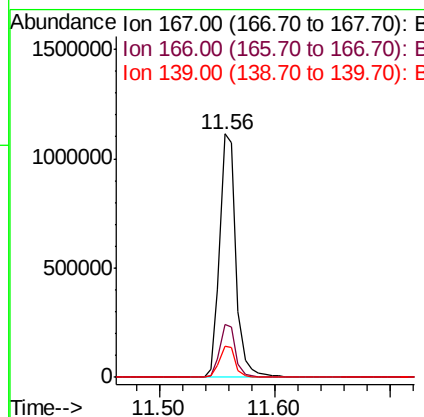
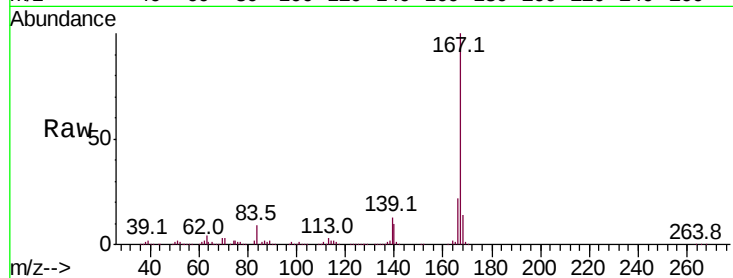
#73
 Carbazole
 Concen: 45.892 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF114613.D
 Acq: 25 May 2019 19:23

Instrument :
 BNA_F
 ClientSampleId :
 PB119919BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.2	27.2
139	12.9	10.6	16.0

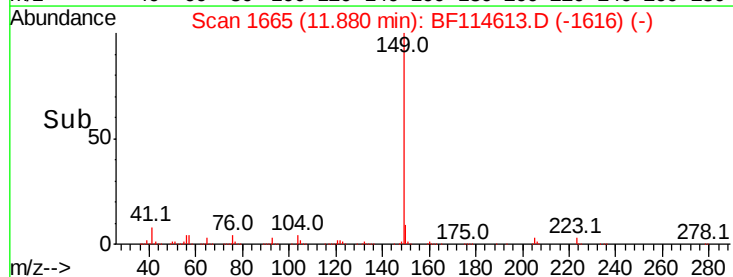
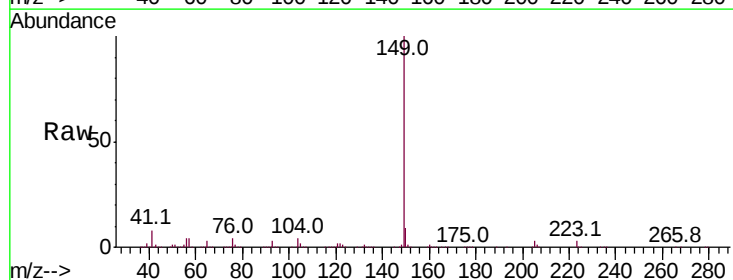
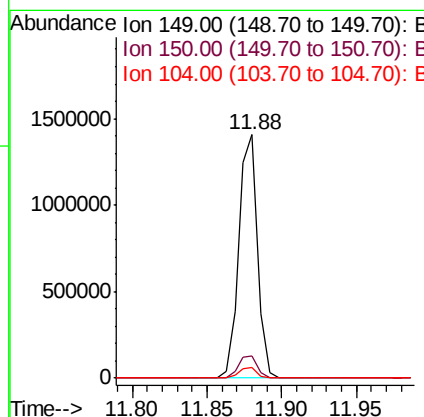
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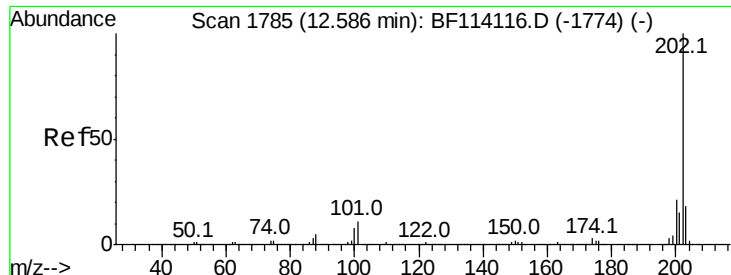
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#74
 Di-n-butylphthalate
 Concen: 45.058 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BF114613.D
 Acq: 25 May 2019 19:23

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.7	11.5
104	4.3	3.6	5.4





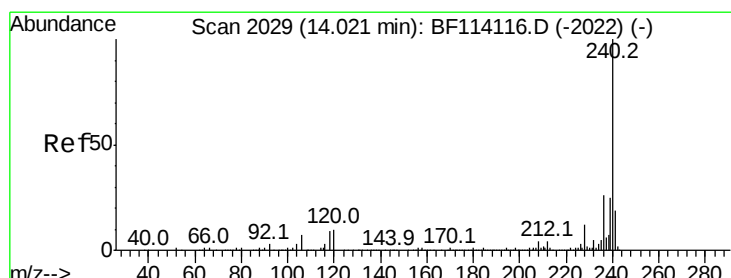
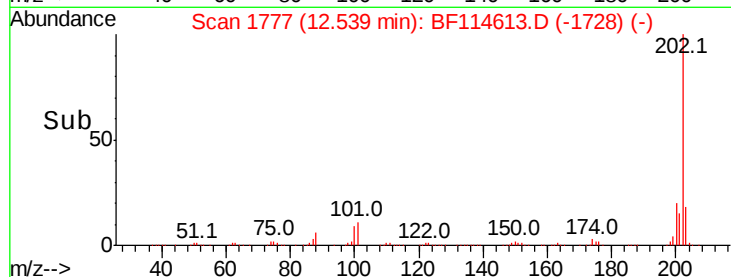
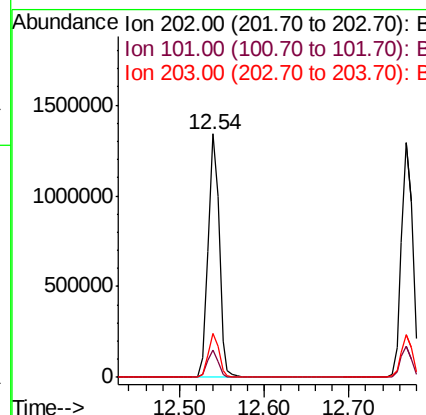
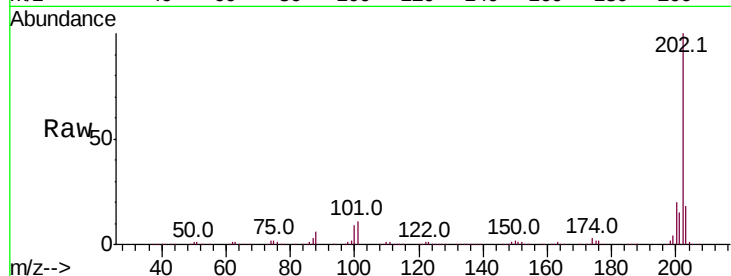
#75
Fluoranthene
 Concen: 45.168 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BF114613.D
 Acq: 25 May 2019 19:23

Instrument :
 BNA_F
 ClientSampleId :
 PB119919BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.0
203	18.3	0.0	38.4

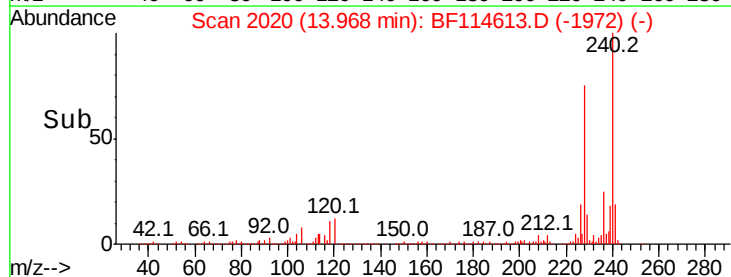
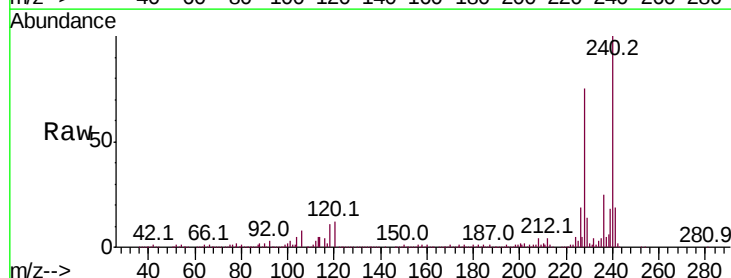
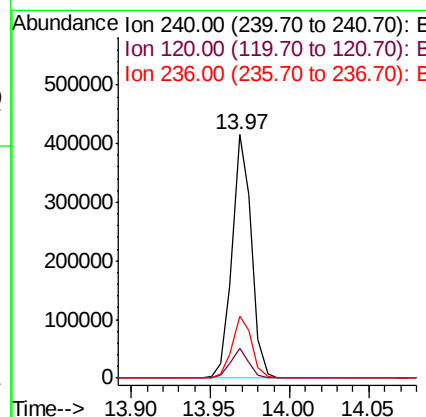
Manual Integrations
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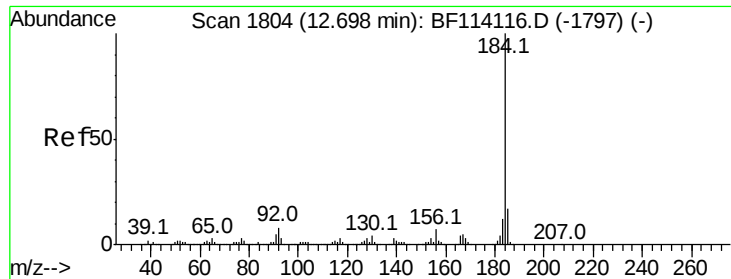
mohammad
 5/27/2019 3:50:10 AM



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.02 min
 Lab File: BF114613.D
 Acq: 25 May 2019 19:23

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.0	8.3	12.5
236	25.4	20.8	31.2





#77

Benzidine

Concen: 38.179 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

Instrument :

BNA_F

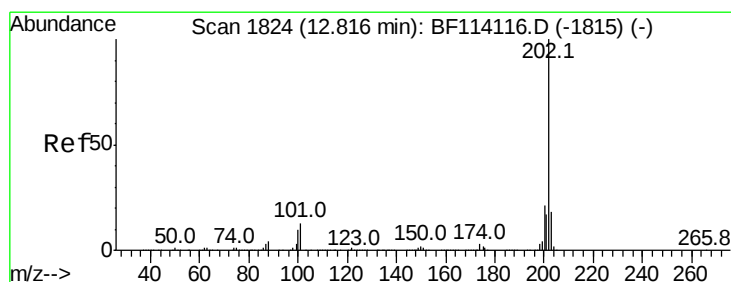
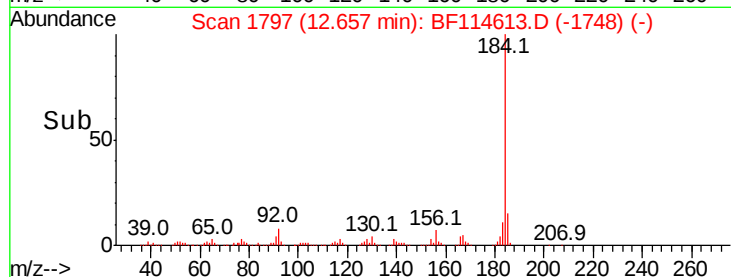
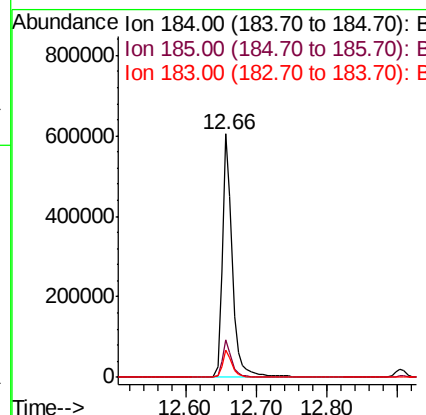
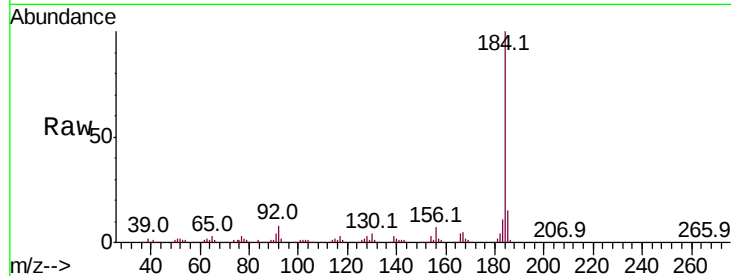
ClientSampleId :

PB119919BS

Tot Ion:	184	Resp:	597441
Ion Ratio	Lower	Upper	
184	100		
185	15.3	13.6	20.4
183	11.1	9.2	13.8

Manual Integrations
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#78

Pyrene

Concen: 43.313 ng

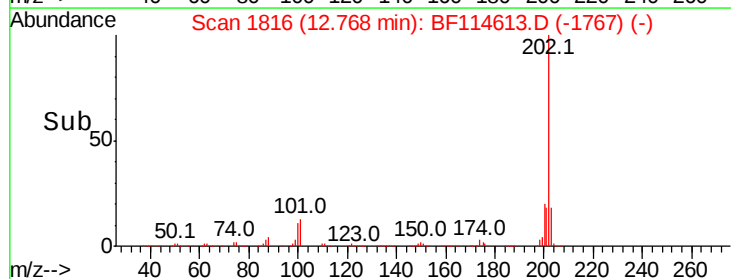
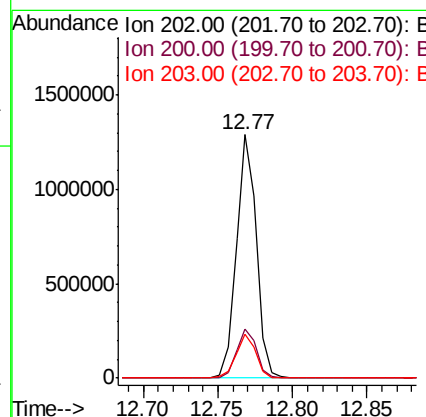
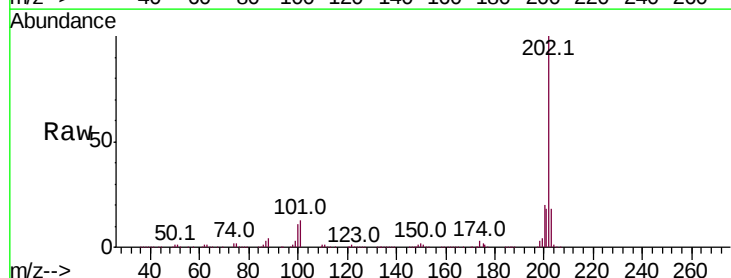
RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

Tgt Ion:	202	Resp:	1214677
Ion Ratio	Lower	Upper	
202	100		
200	19.9	16.9	25.3
203	18.1	14.5	21.7





#79

Terphenyl-d14

Concen: 92.818 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

Instrument :

BNA_F

ClientSampleId :

PB119919BS

Tot Ion:244 Resp: 1569652

Ion Ratio Lower Upper

244 100

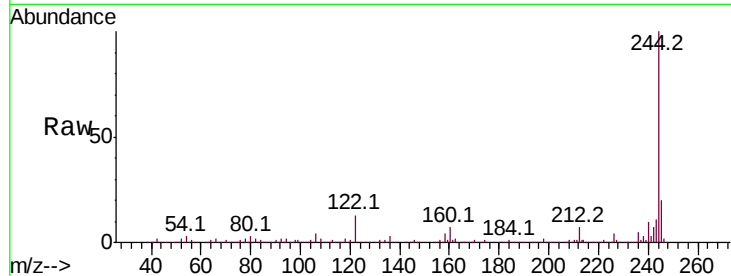
212 7.0 5.8 8.6

122 13.0 9.4 14.2

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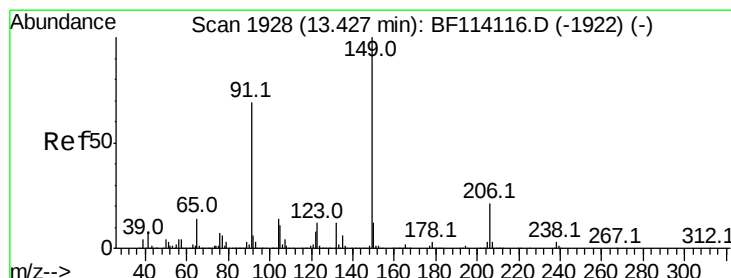
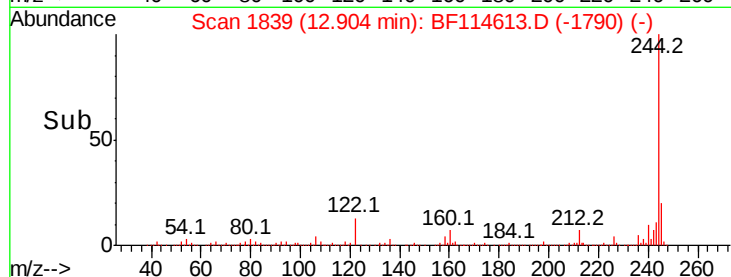
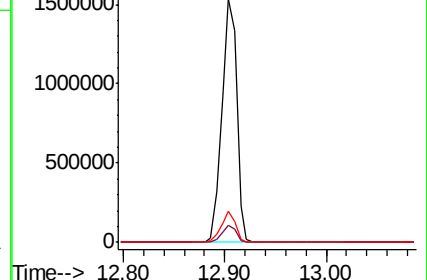
5/27/2019 3:50:10 AM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.891 ng

RT: 13.37 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

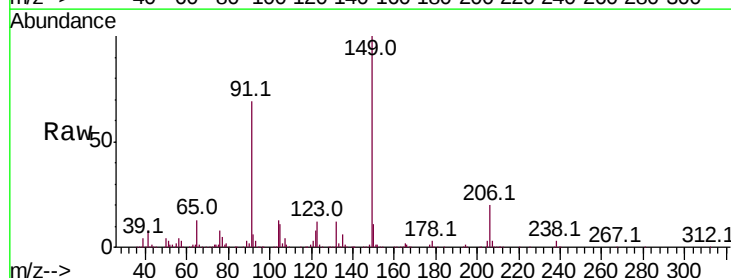
Tgt Ion:149 Resp: 529894

Ion Ratio Lower Upper

149 100

91 68.8 55.0 82.4

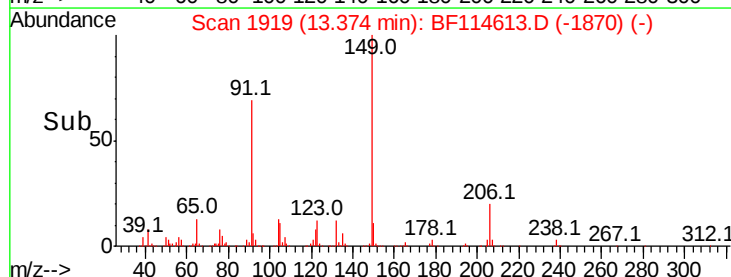
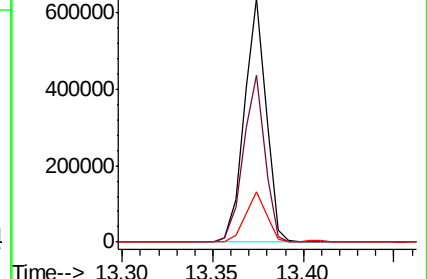
206 20.5 16.9 25.3

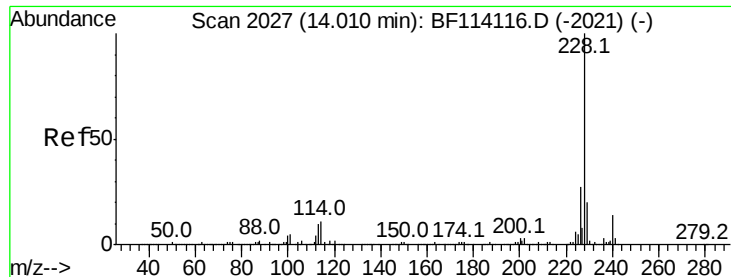


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.613 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.02 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

Instrument :

BNA_F

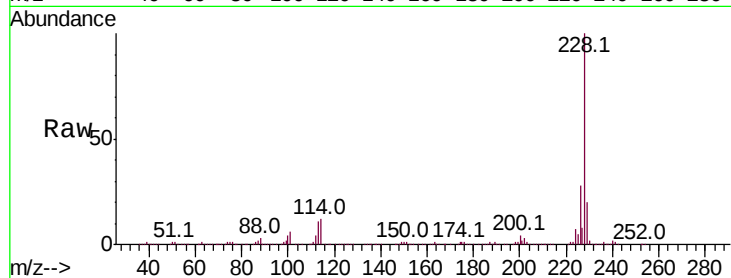
ClientSampleId :

PB119919BS

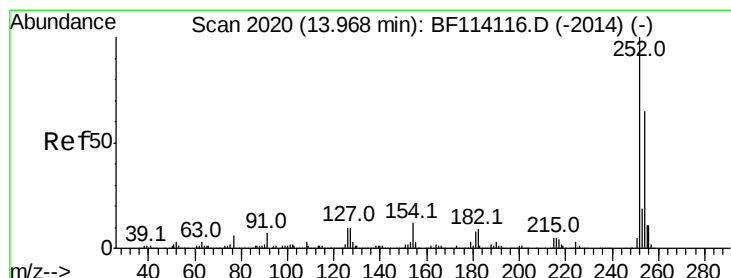
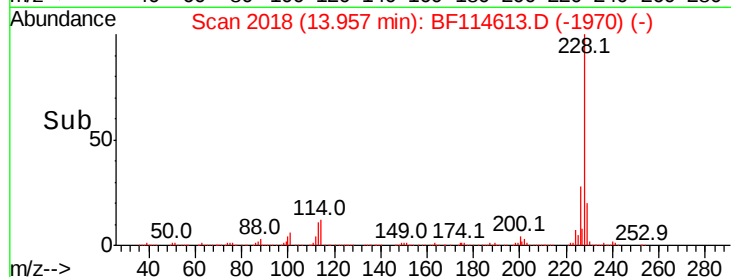
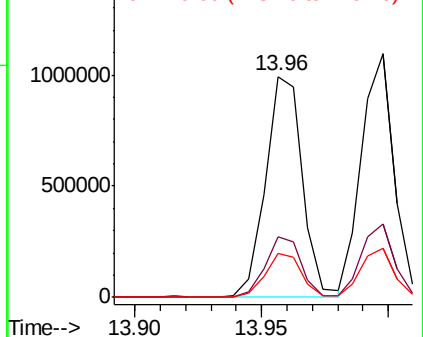
Tot Ion:	228	Resp:	1005939
Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.2	33.2
229	20.1	16.4	24.6

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



#82

3,3'-Dichlorobenzidine

Concen: 32.151 ng

RT: 13.92 min Scan# 2011

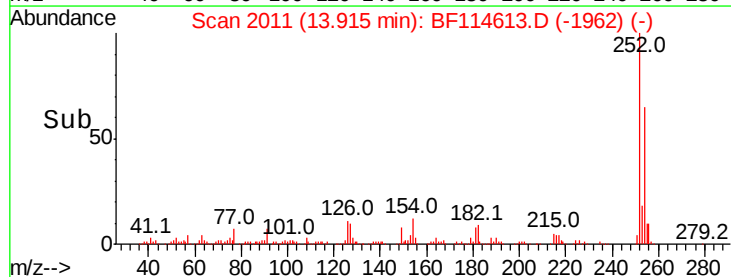
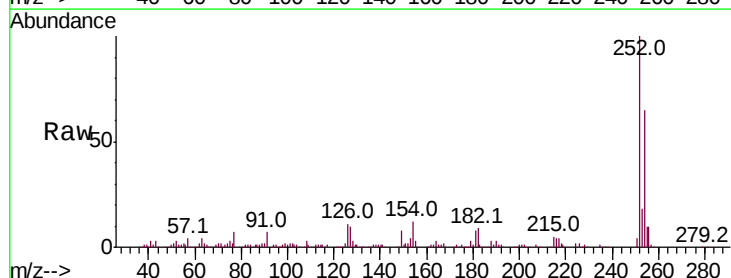
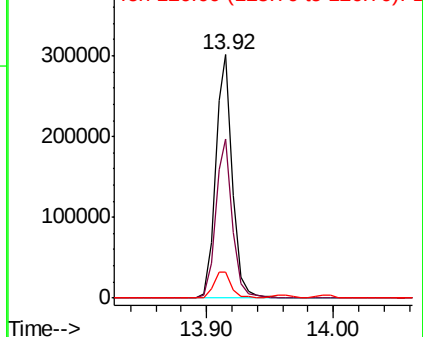
Delta R.T. -0.01 min

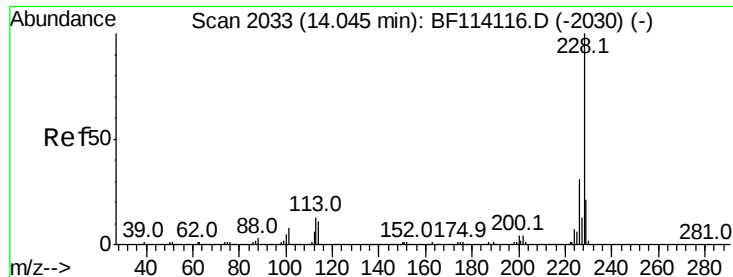
Lab File: BF114613.D

Acq: 25 May 2019 19:23

Tgt Ion:	252	Resp:	281227
Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.9	77.9
126	10.5	7.9	11.9

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





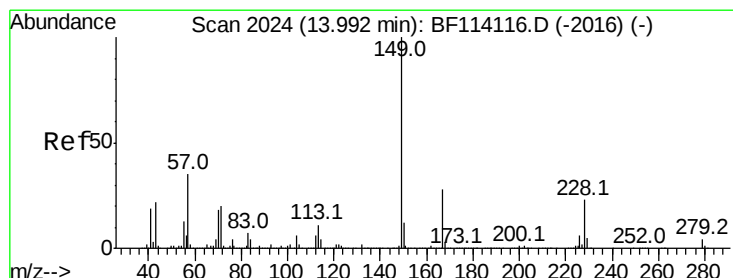
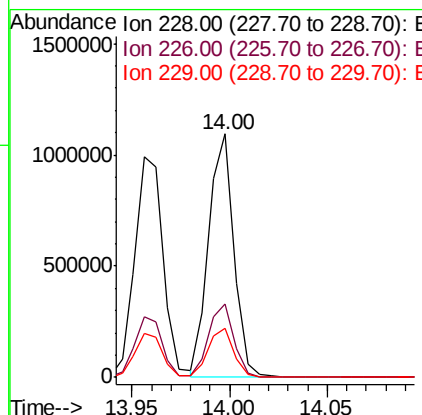
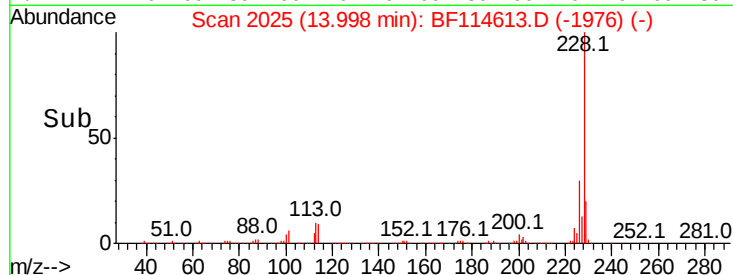
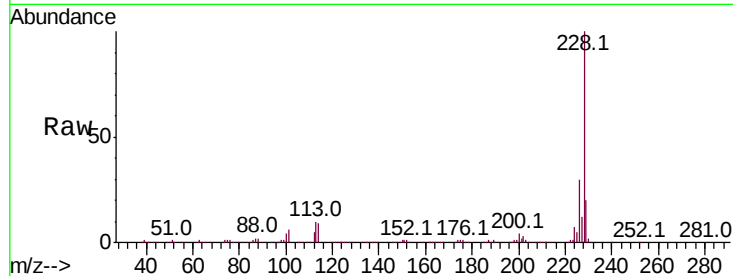
#83
 Chrvsene
 Concen: 44.378 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF114613.D
 Acq: 25 May 2019 19:23

Instrument :
 BNA_F
 ClientSampleId :
 PB119919BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	20.0	17.0	25.6

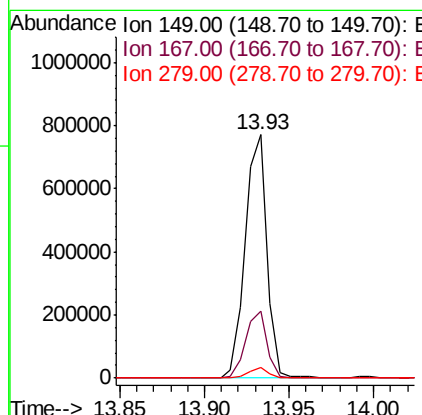
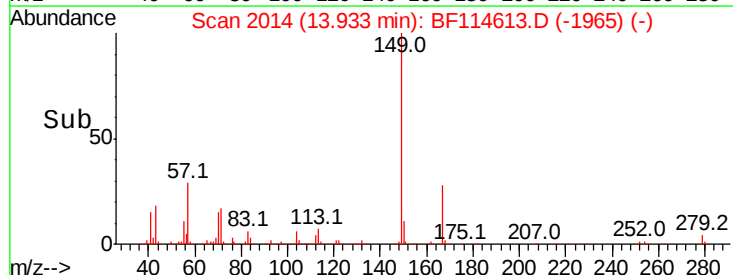
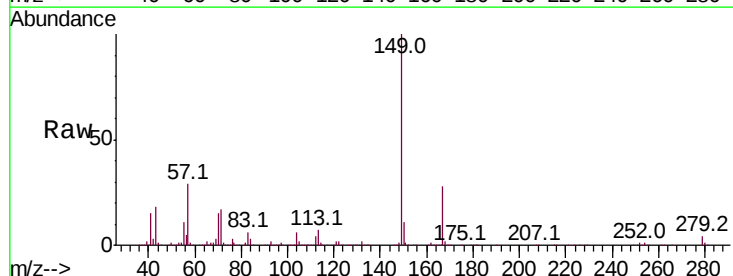
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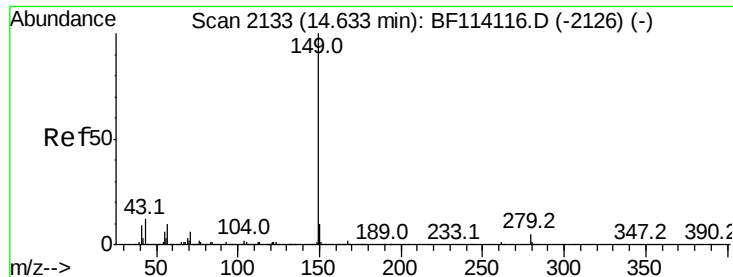
mohammad
 5/27/2019 3:50:10 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.989 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF114613.D
 Acq: 25 May 2019 19:23

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.6	33.8
279	4.2	3.0	4.6





#85

Di-n-octyl phthalate

Concen: 46.316 ng

RT: 14.54 min Scan# 2117

Delta R.T. -0.02 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

Instrument :

BNA_F

ClientSampleId :

PB119919BS

Tot Ion:149 Resp: 1159121

Ion Ratio Lower Upper

149 100

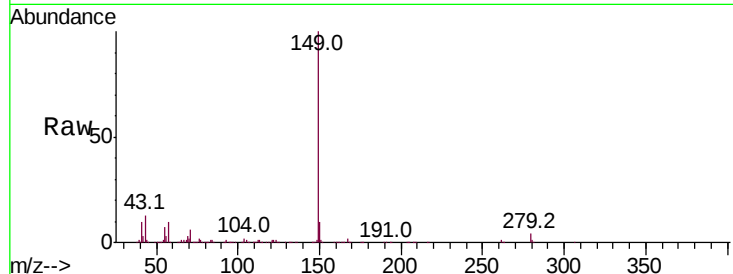
167 1.6 1.3 1.9

43 11.9 10.1 15.1

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mohammad

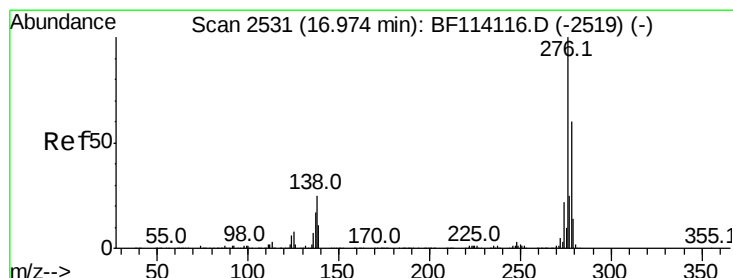
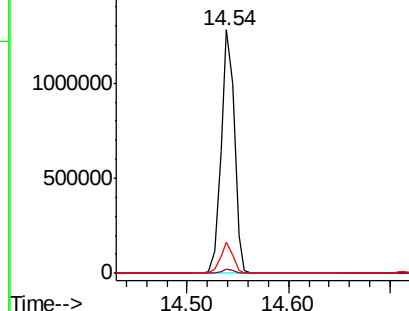
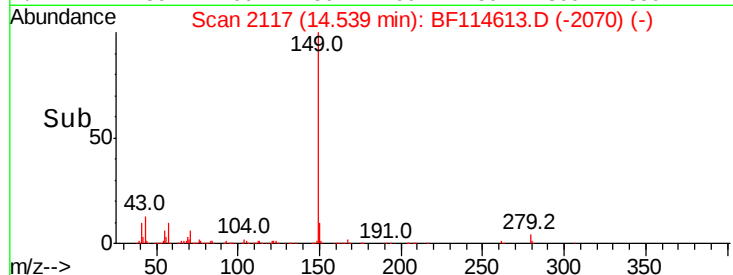
5/27/2019 3:50:10 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.953 ng

RT: 16.90 min Scan# 2518

Delta R.T. -0.03 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

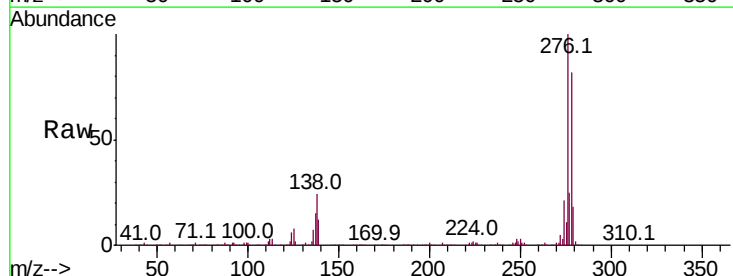
Tgt Ion:276 Resp: 956272

Ion Ratio Lower Upper

276 100

138 24.7 20.2 30.2

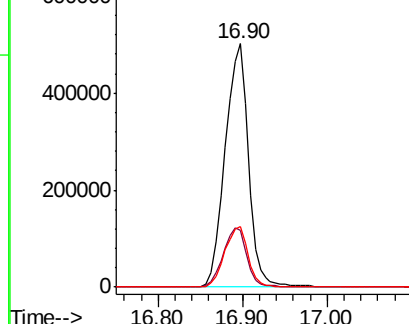
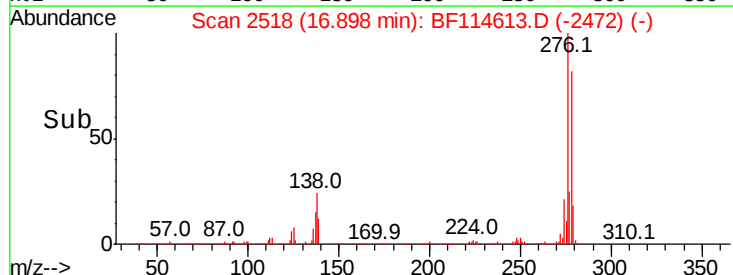
277 24.9 20.0 30.0

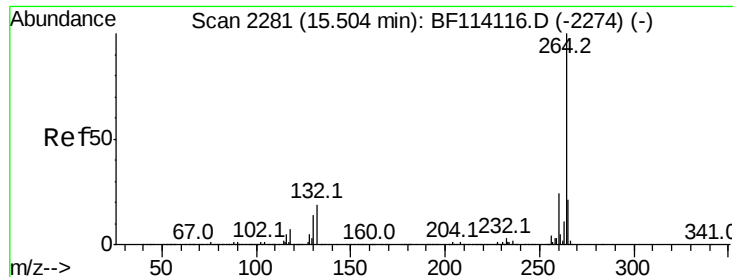


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





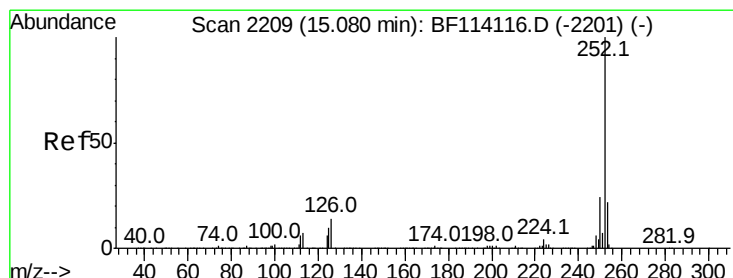
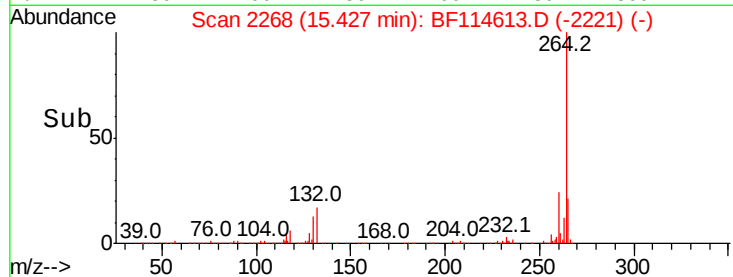
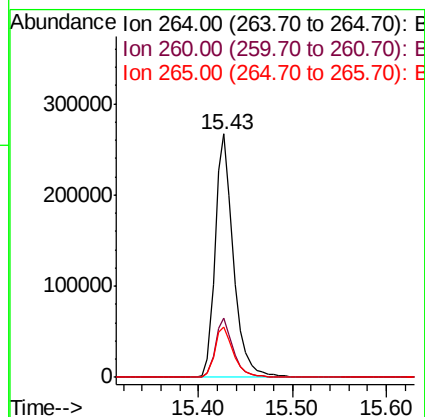
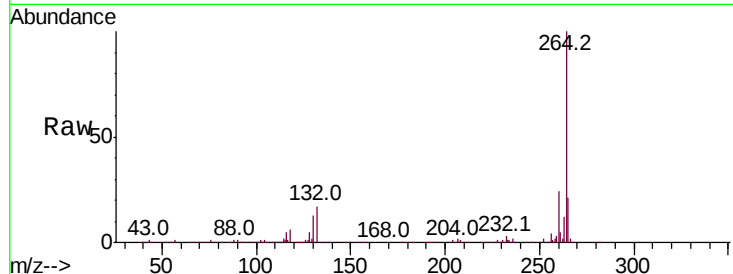
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Instrument :
BNA_F
ClientSampleId :
PB119919BS

Tot Ion:	264	Resp:	366137
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.4	29.0
265	20.8	16.9	25.3

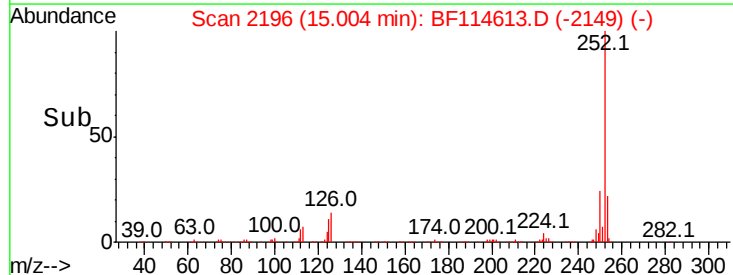
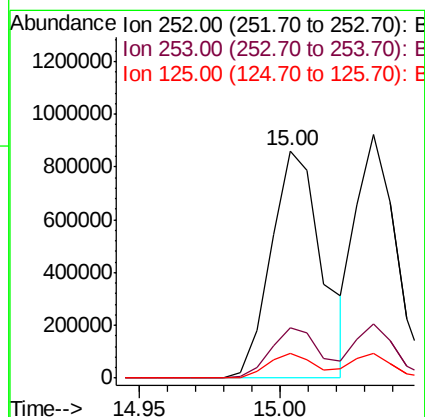
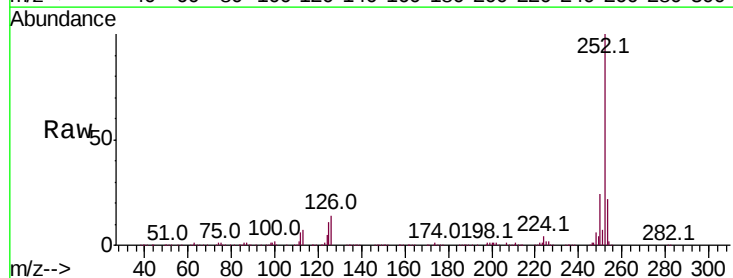
Manual Integrations
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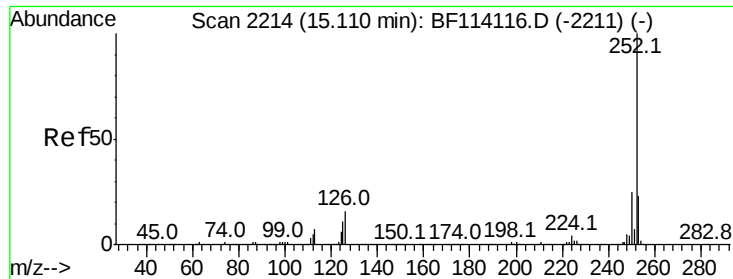
mohammad
5/27/2019 3:50:10 AM



#88
Benzo(b)fluoranthene
Concen: 46.053 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Tgt Ion:	252	Resp:	1080258
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.8	26.8
125	10.7	8.3	12.5





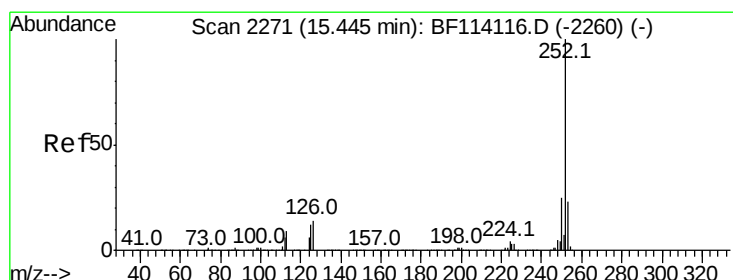
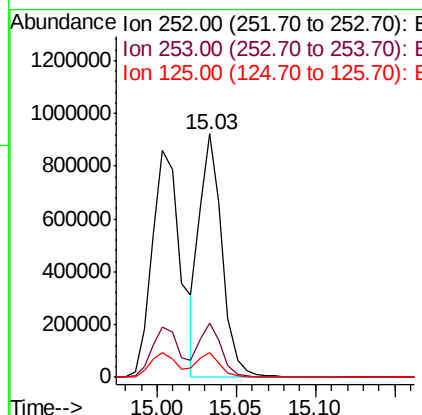
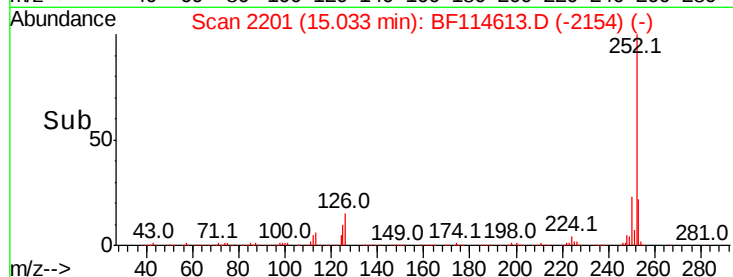
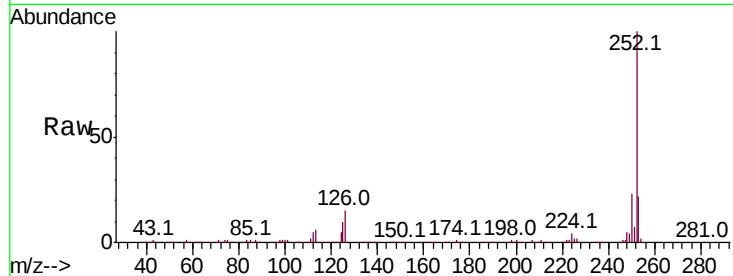
#89
Benzo(k)fluoranthene
Concen: 42.291 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Instrument :
BNA_F
ClientSampleId :
PB119919BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	10.0	8.6	13.0

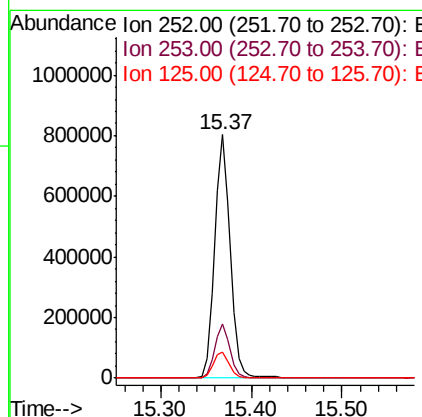
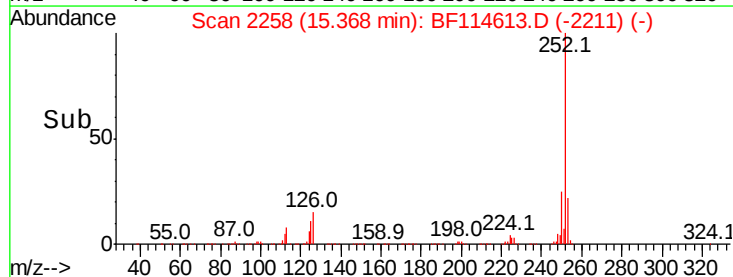
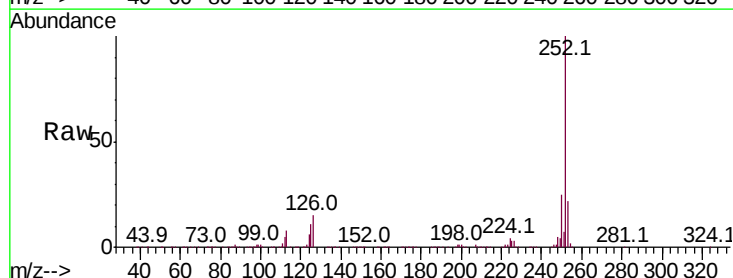
Manual Integrations
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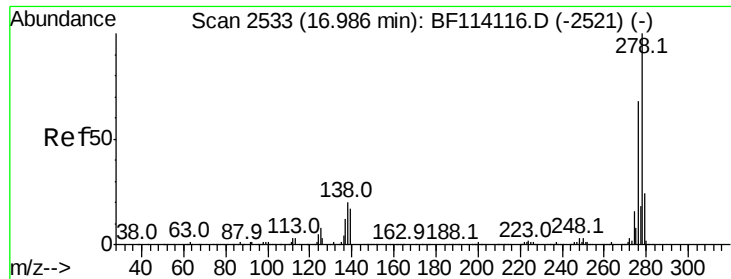
mohammad
5/27/2019 3:50:10 AM



#90
Benzo(a)pyrene
Concen: 46.337 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	10.9	9.5	14.3





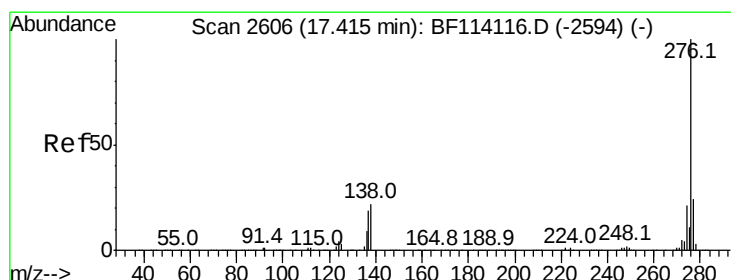
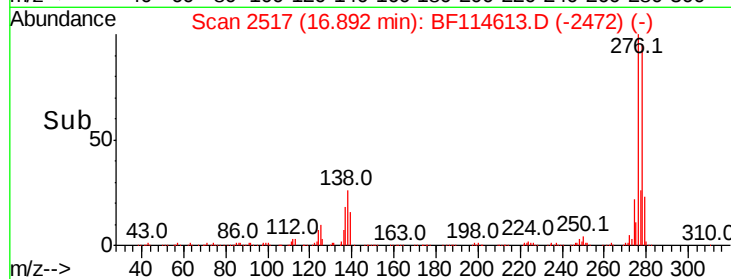
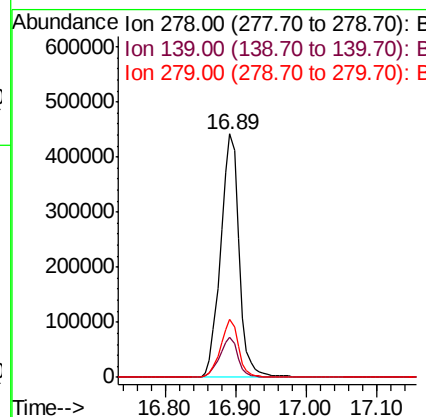
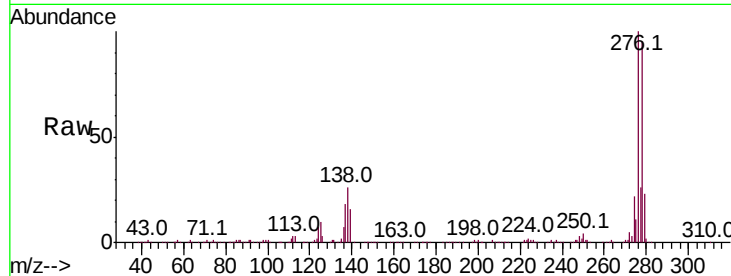
#91
Dibenzo(a,h)anthracene
Concen: 46.955 ng
RT: 16.89 min Scan# 2517
Delta R.T. -0.04 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Instrument :
BNA_F
ClientSampleId :
PB119919BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.6	13.5	20.3
279	23.9	19.0	28.6

Manual Integrations
APPROVED

mohammad
5/27/2019 3:50:10 AM



#92
Benzo(g,h,i)perylene
Concen: 46.757 ng
RT: 17.33 min Scan# 2591
Delta R.T. -0.04 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.0	28.4
138	21.3	17.8	26.6

