

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
 Data File : BF114695.D
 Acq On : 31 May 2019 9:21
 Operator : HP/JU
 Sample : PB119779BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119779BSD

Manual Integrations
 APPROVED

mohammad
 6/3/2019 8:49:16 AM

Quant Time: May 31 14:07:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 31 12:07:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	441885	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	1802349	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	909508	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	1697997	20.00	ng	0.00
76) Chrysene-d12	13.83	240	869131	20.00	ng	0.00
87) Perylene-d12	15.22	264	870024	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	2617493	104.00	ng	0.02
7) Phenol-d6	6.35	99	3213814	105.97	ng	0.00
23) Nitrobenzene-d5	7.26	82	2320283	80.32	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	962502	111.06	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	4092426	84.41	ng	0.00
79) Terphenyl-d14	12.79	244	3998376	86.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	389621	32.259	ng	99
3) Pyridine	3.17	79	1096032	31.181	ng	99
4) n-Nitrosodimethylamine	3.10	42	439438	30.893	ng	97
6) Aniline	6.36	93	1064112	23.228	ng	98
8) 2-Chlorophenol	6.49	128	1068583	36.764	ng	100
9) Benzaldehyde	6.24	77	597430	33.420	ng	98
10) Phenol	6.36	94	1218731	33.264	ng	92
11) bis(2-Chloroethyl)ether	6.44	93	971344	34.661	ng	99
12) 1,3-Dichlorobenzene	6.64	146	1125030	33.973	ng	98
13) 1,4-Dichlorobenzene	6.72	146	1139423	34.298	ng	98
14) 1,2-Dichlorobenzene	6.87	146	1052201	34.789	ng	98
15) Benzyl Alcohol	6.85	79	875904	36.715	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1390477	32.349	ng	99
17) 2-Methylphenol	6.96	107	910831	37.050	ng	99
18) Hexachloroethane	7.22	117	425295	33.812	ng	96
19) n-Nitroso-di-n-propylamine	7.12	70	710941	33.960	ng	98
20) 3+4-Methylphenols	7.12	107	1033037	35.728	ng	# 85
22) Acetophenone	7.11	105	1406465	36.624	ng	# 99
24) Nitrobenzene	7.28	77	1085145	35.361	ng	98
25) Isophorone	7.53	82	2043090	35.240	ng	99
26) 2-Nitrophenol	7.60	139	611325	40.925	ng	97
27) 2,4-Dimethylphenol	7.64	122	1027529	41.361	ng	98
28) bis(2-Chloroethoxy)methane	7.74	93	1307818	35.436	ng	99
29) 2,4-Dichlorophenol	7.84	162	970272	38.371	ng	97
30) 1,2,4-Trichlorobenzene	7.93	180	1039093	36.068	ng	99
31) Naphthalene	8.00	128	2982319	35.923	ng	98
32) Benzoic acid	7.78	122	711055	44.066	ng	96
33) 4-Chloroaniline	8.05	127	851058	21.517	ng	98
34) Hexachlorobutadiene	8.13	225	557362	34.826	ng	99
35) Caprolactam	8.43	113	298887m	35.025	ng	
36) 4-Chloro-3-methylphenol	8.54	107	981886	38.720	ng	99
37) 2-Methylnaphthalene	8.69	142	2118131	38.400	ng	99
38) 1-Methylnaphthalene	8.79	142	2007386	38.410	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	890743	36.776	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	1126044	70.353	nq	99
43) 2,4,6-Trichlorophenol	8.97	196	726197	38.105	nq	99
44) 2,4,5-Trichlorophenol	9.01	196	730551	38.414	nq	99
46) 1,1'-Biphenyl	9.16	154	2465207	36.514	nq	99
47) 2-Chloronaphthalene	9.18	162	1986799	35.875	nq	97
48) 2-Nitroaniline	9.27	65	586963	34.345	nq	93
49) Acenaphthylene	9.59	152	3031859	35.437	nq	99
50) Dimethylphthalate	9.46	163	2282410	36.014	nq	99
51) 2,6-Dinitrotoluene	9.52	165	554560	37.658	nq	94
52) Acenaphthene	9.76	154	2074169m	39.530	nq	
53) 3-Nitroaniline	9.67	138	398714	22.122	nq	99
54) 2,4-Dinitrophenol	9.79	184	516673	88.949	nq	98
55) Dibenzofuran	9.93	168	2622364	35.110	nq	98
56) 4-Nitrophenol	9.85	139	955189	71.516	nq	97
57) 2,4-Dinitrotoluene	9.92	165	725917	38.409	nq	99
58) Fluorene	10.27	166	1860078	35.463	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	609354	39.145	nq	99
60) Diethylphthalate	10.16	149	2283579	35.279	nq	99
61) 4-Chlorophenyl-phenylether	10.27	204	938969	35.520	nq	99
62) 4-Nitroaniline	10.29	138	564374	32.135	nq	98
63) Azobenzene	10.43	77	2046620	34.438	nq	99
65) 4,6-Dinitro-2-methylphenol	10.33	198	315425	41.894	nq	92
66) n-Nitrosodiphenylamine	10.39	169	1870490	37.285	nq	100
67) 4-Bromophenyl-phenylether	10.76	248	651256	35.766	nq	99
68) Hexachlorobenzene	10.83	284	692213	35.098	nq	96
69) Atrazine	10.92	200	606034	36.948	nq	99
70) Pentachlorophenol	11.02	266	777105	68.354	nq	98
71) Phenanthrene	11.23	178	2860141	33.020	nq	99
72) Anthracene	11.28	178	2927480	33.394	nq	100
73) Carbazole	11.43	167	2620718	34.015	nq	100
74) Di-n-butylphthalate	11.77	149	3249791	32.466	nq	99
75) Fluoranthene	12.41	202	2825180	31.499	nq	99
77) Benzidine	12.53	184	1707320	47.705	nq	99
78) Pyrene	12.63	202	2832312	38.523	nq	100
80) Butylbenzylphthalate	13.26	149	1402628	37.961	nq	99
81) Benzo(a)anthracene	13.82	228	2249496	33.680	nq	99
82) 3,3'-Dichlorobenzidine	13.78	252	722005	27.992	nq	98
83) Chrysene	13.86	228	2274405	35.642	nq	99
84) Bis(2-ethylhexyl)phthalate	13.83	149	1629428	35.670	nq	99
85) Di-n-octyl phthalate	14.43	149	2757268	34.741	nq	100
86) Indeno(1,2,3-cd)pyrene	16.54	276	1968196	30.796	nq	100
88) Benzo(b)fluoranthene	14.83	252	2015670	36.784	nq	99
89) Benzo(k)fluoranthene	14.86	252	1913742	40.181	nq	99
90) Benzo(a)pyrene	15.16	252	1836406	38.148	nq	99
91) Dibenzo(a,h)anthracene	16.57	278	1642688	38.616	nq	100
92) Benzo(g,h,i)perylene	16.95	276	1668710	40.418	nq	100

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

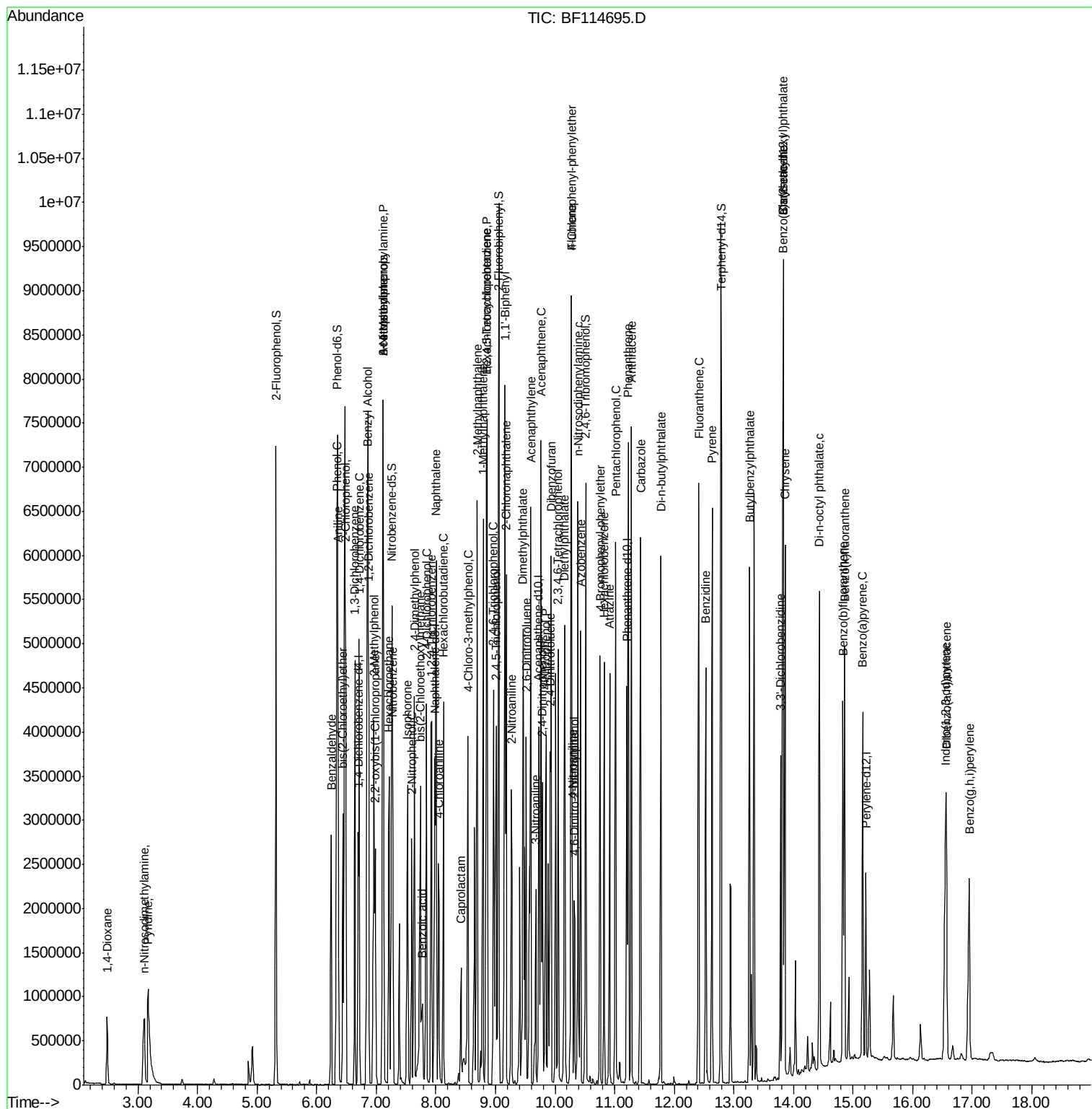
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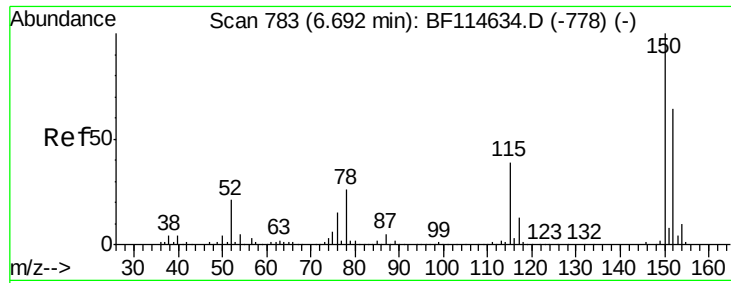
Instrument :
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#1

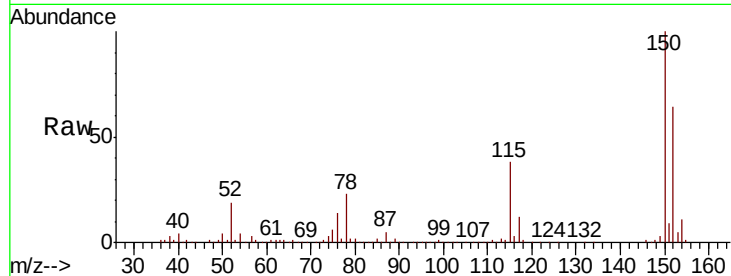
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Instrument :
BNA_F
ClientSampleId :
PB119779BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.3	186.5
115	58.8	48.8	73.2

Manual Integrations
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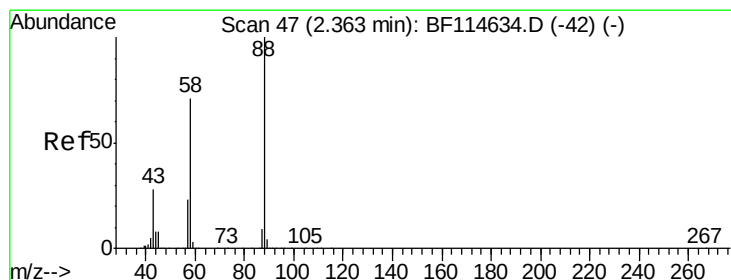
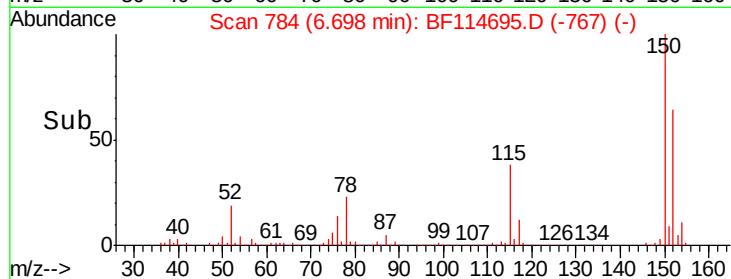
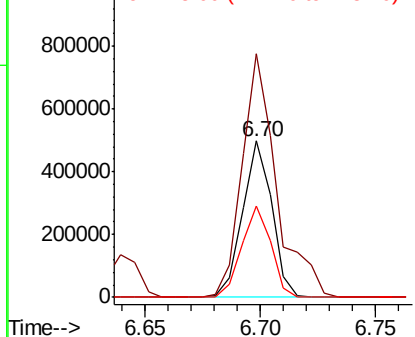


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

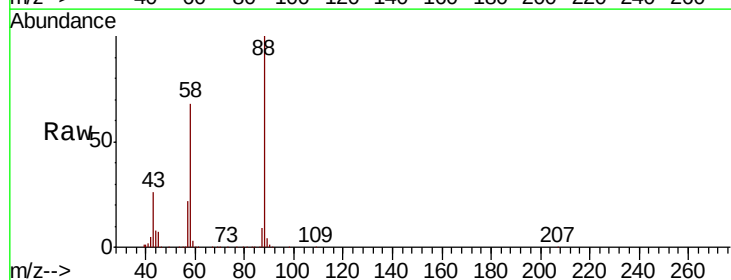
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.259 ng
RT: 2.49 min Scan# 68
Delta R.T. 0.12 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.9	55.0	82.4
43	26.7	21.0	31.4

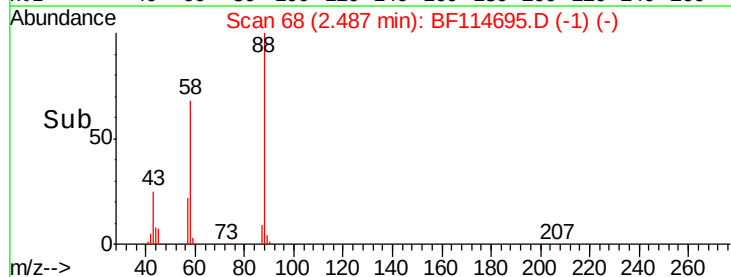
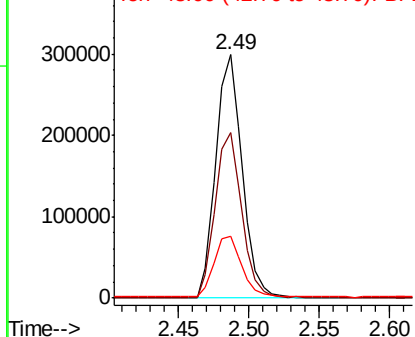


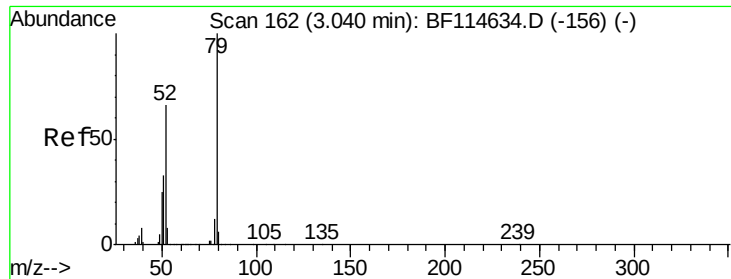
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 31.181 ng

RT: 3.17 min Scan# 184

Delta R.T. 0.11 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

Instrument :

BNA_F

ClientSampleID :

PB119779BSD

Tot Ion: 79 Resp: 1096032

Ion Ratio Lower Upper

79 100

52 64.5 51.9 77.9

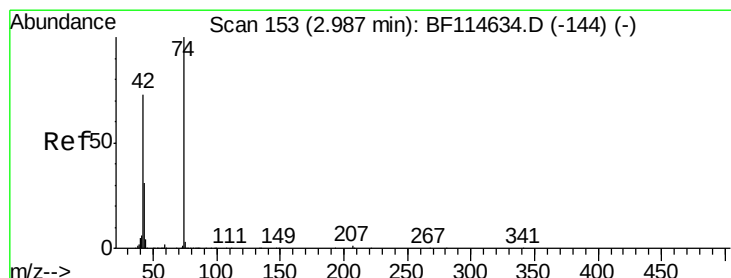
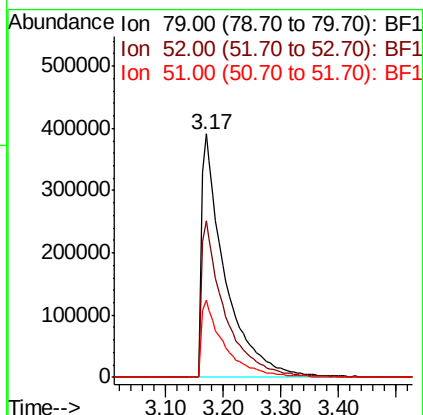
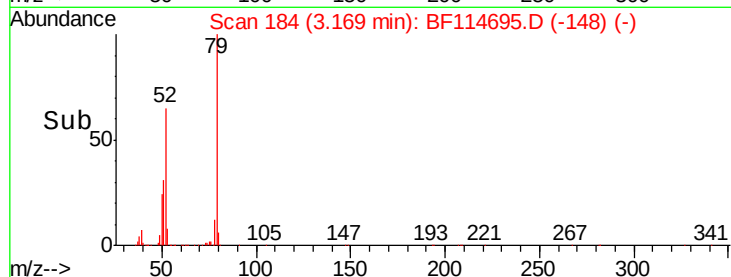
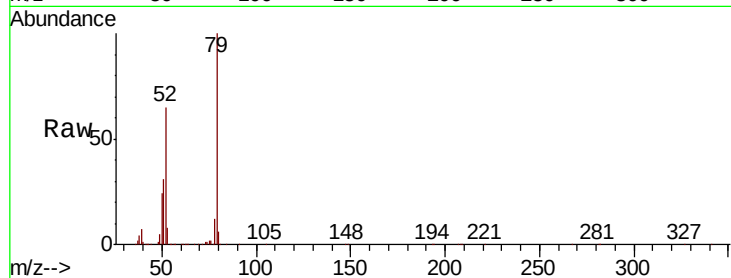
51 31.5 25.9 38.9

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 30.893 ng

RT: 3.10 min Scan# 173

Delta R.T. 0.09 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

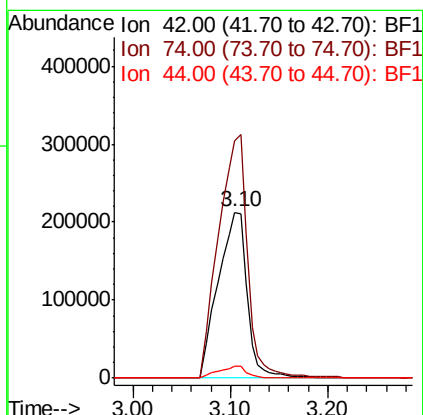
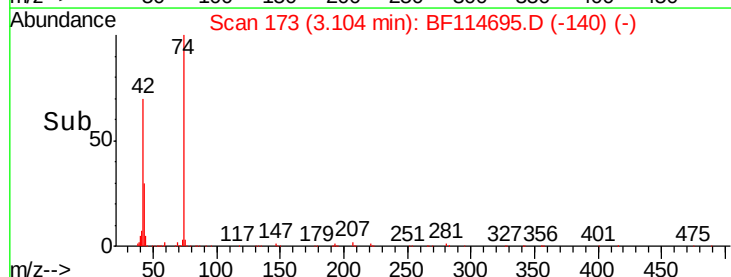
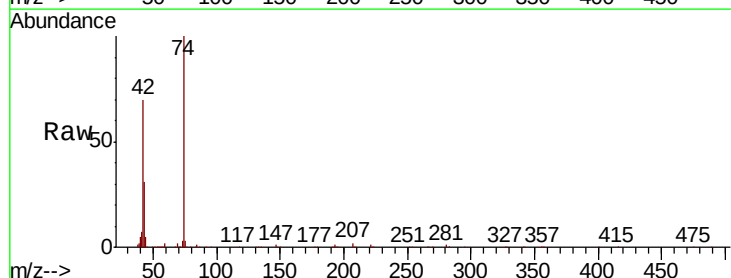
Tgt Ion: 42 Resp: 439438

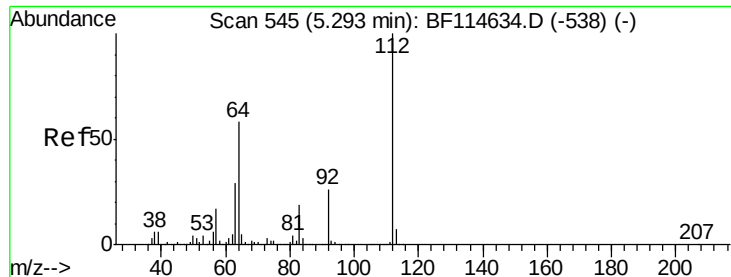
Ion Ratio Lower Upper

42 100

74 142.8 116.8 175.2

44 6.8 5.3 7.9





#5

2-Fluorophenol

Concen: 103.999 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.02 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

Instrument :

BNA_F

ClientSampleId :

PB119779BSD

Tot Ion:112 Resp: 2617493

Ion Ratio Lower Upper

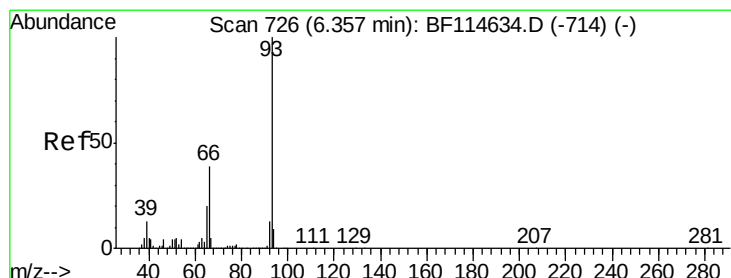
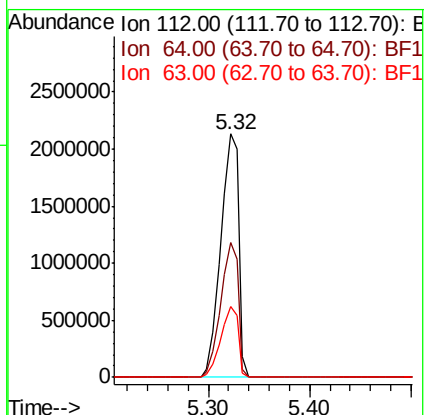
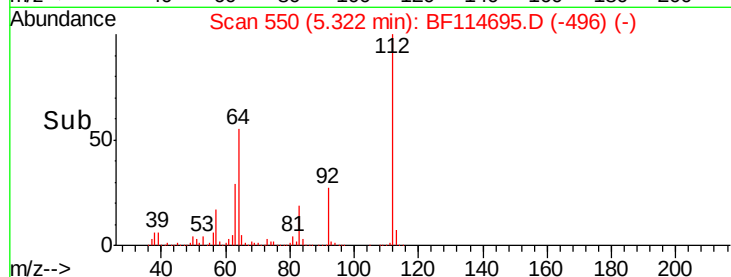
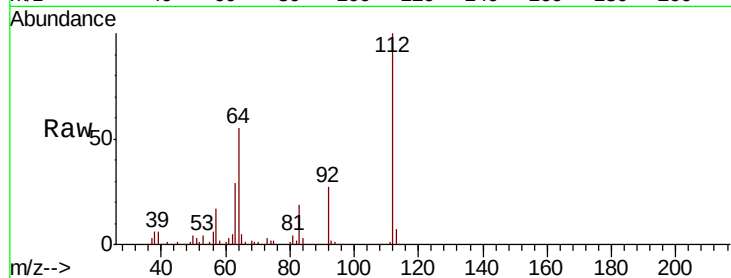
112 100

64 55.5 44.8 67.2

63 29.3 23.0 34.6

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#6

Aniline

Concen: 23.228 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

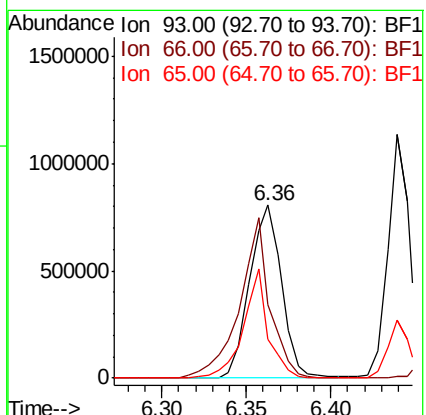
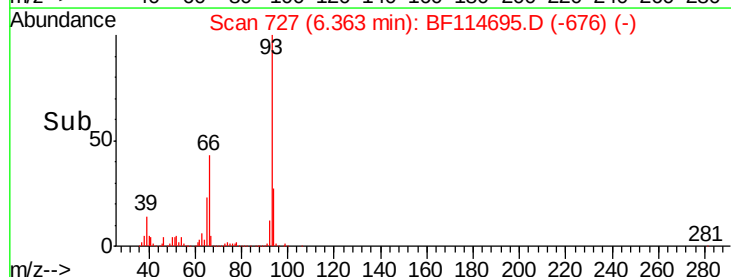
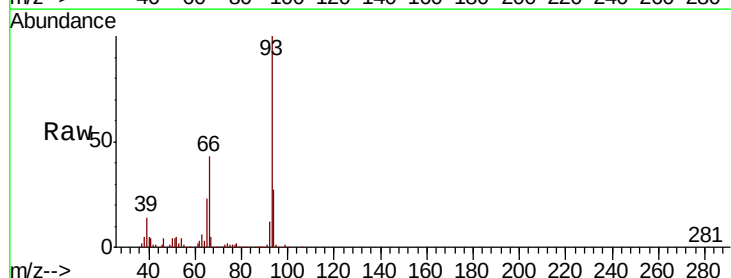
Tgt Ion: 93 Resp: 1064112

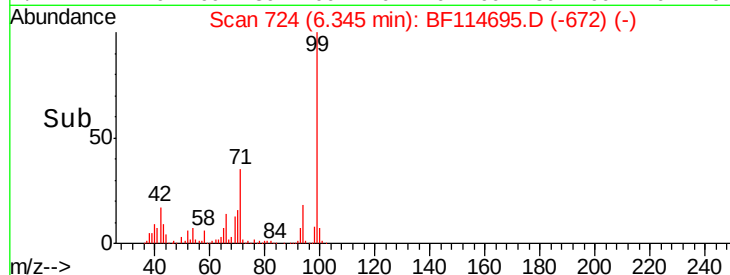
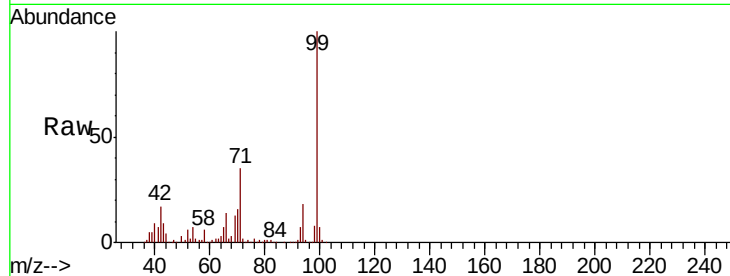
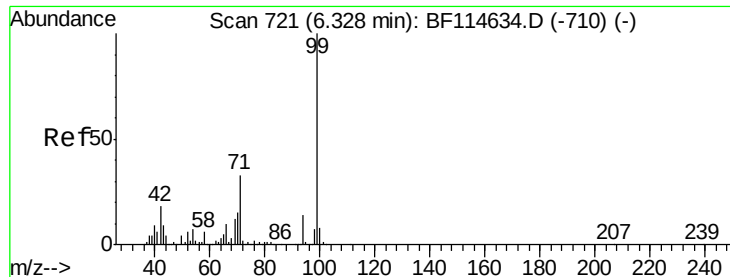
Ion Ratio Lower Upper

93 100

66 42.6 33.1 49.7

65 22.7 17.0 25.4





#7

Phenol-d6

Concen: 105.965 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

Tot Ion:	99	Resp:	3213814
Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.1	21.1
71	34.6	27.3	40.9

Instrument :

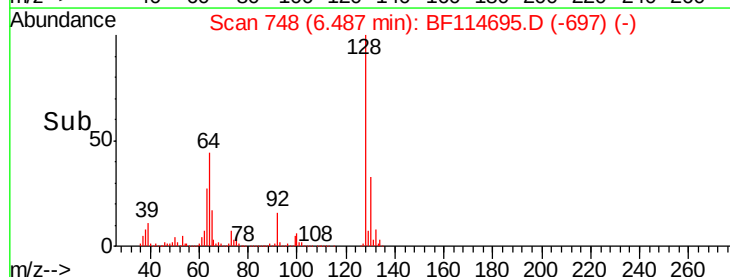
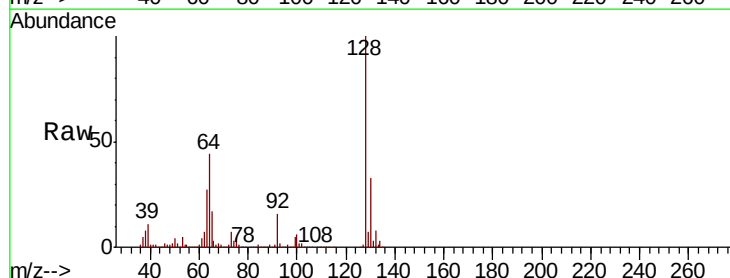
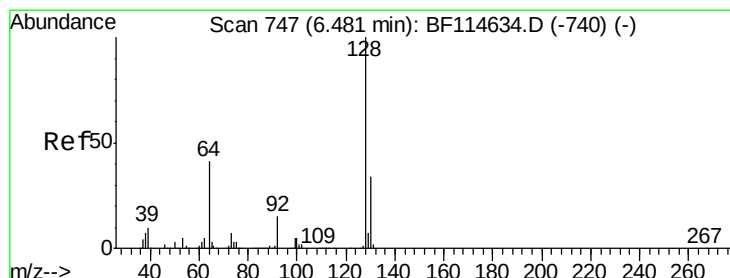
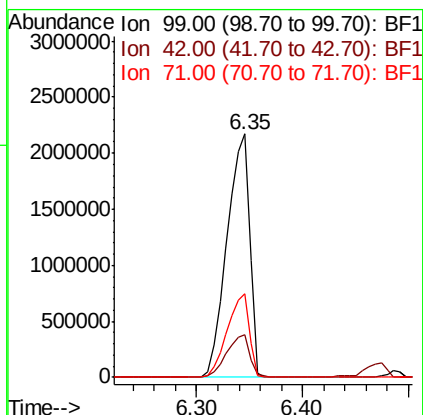
BNA_F

ClientSampled :

PB119779BSD

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#8

2-Chlorophenol

Concen: 36.764 ng

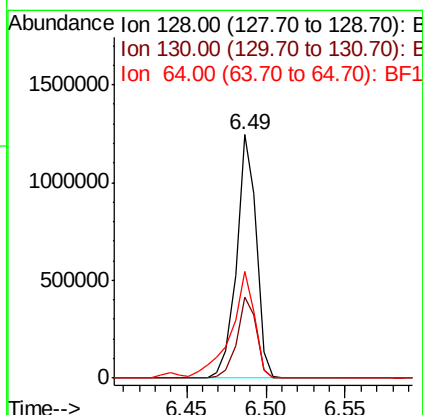
RT: 6.49 min Scan# 748

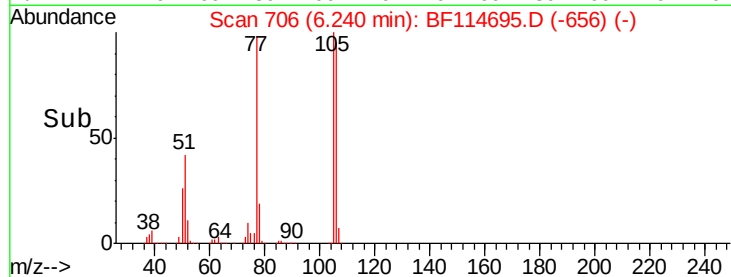
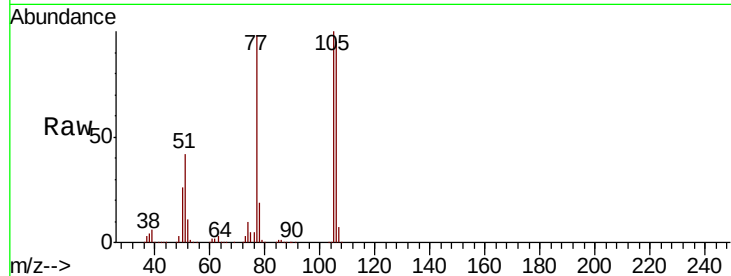
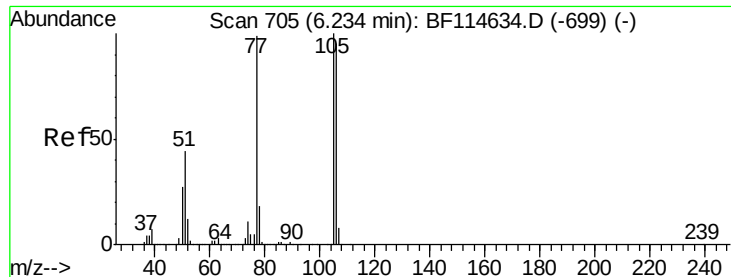
Delta R.T. -0.00 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

Tgt Ion:	128	Resp:	1068583
Ion	Ratio	Lower	Upper
128	100		
130	33.3	13.6	53.6
64	43.9	24.0	64.0





#9

Benzaldehyde

Concen: 33.420 ng

RT: 6.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

Tot Ion:	77	Resp:	597430
Ion Ratio	Lower	Upper	
77	100		
105	101.7	83.0	123.0
106	96.8	79.2	119.2

Instrument :

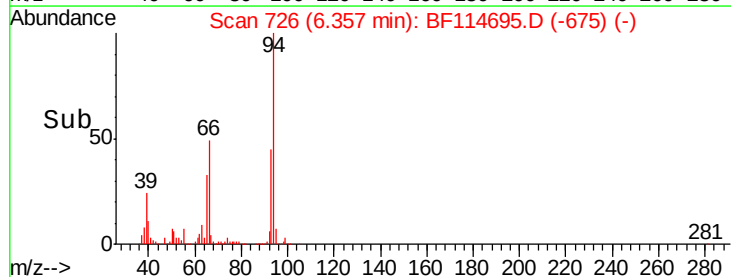
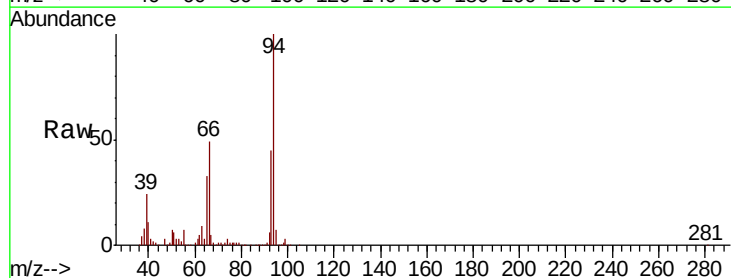
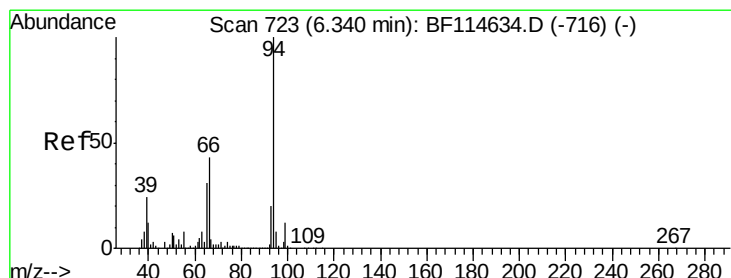
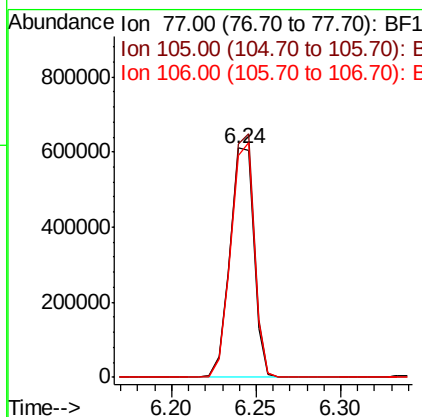
BNA_F

ClientSampleId :

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#10

Phenol

Concen: 33.264 ng

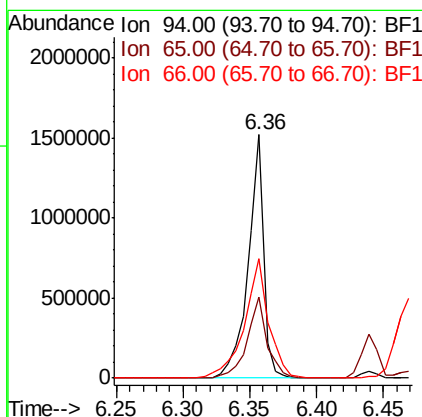
RT: 6.36 min Scan# 726

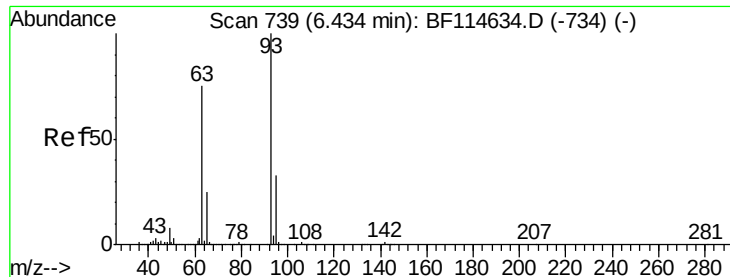
Delta R.T. -0.00 min

Lab File: BF114695.D

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Tgt Ion:	94	Resp:	1218731
Ion Ratio	Lower	Upper	
94	100		
65	33.3	16.5	56.5
66	49.1	36.3	76.3





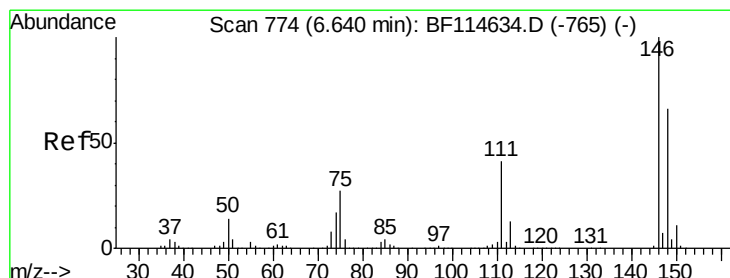
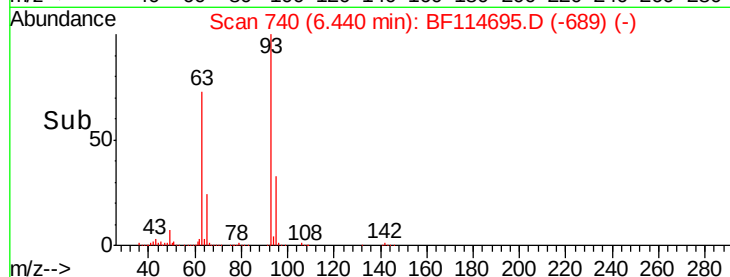
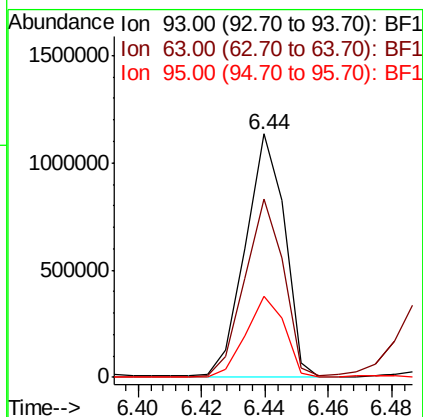
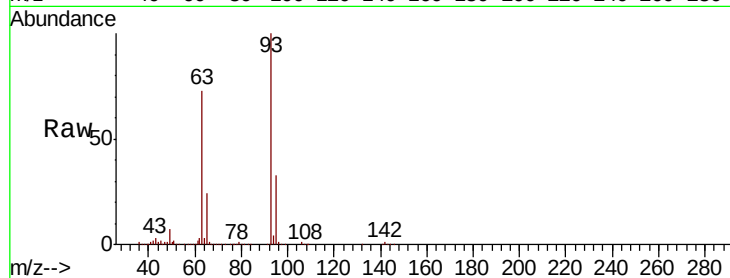
#11
bis(2-Chloroethyl)ether
Concen: 34.661 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Instrument :
BNA_F
ClientSampleId :
PB119779BSD

Tot Ion:	93	Resp:	971344
Ion Ratio	Lower	Upper	
93	100		
63	73.1	53.5	93.5
95	33.1	13.5	53.5

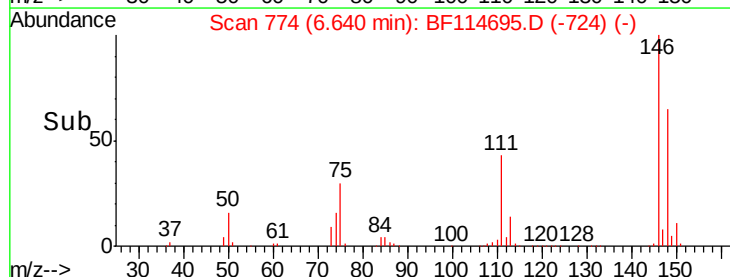
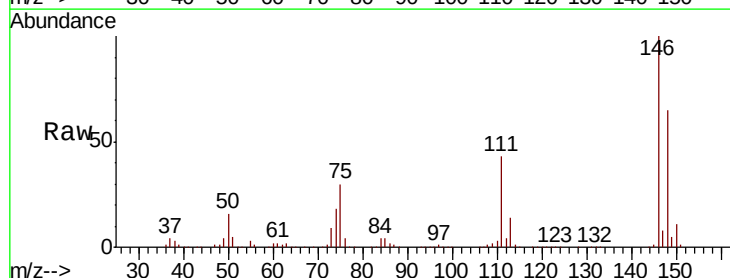
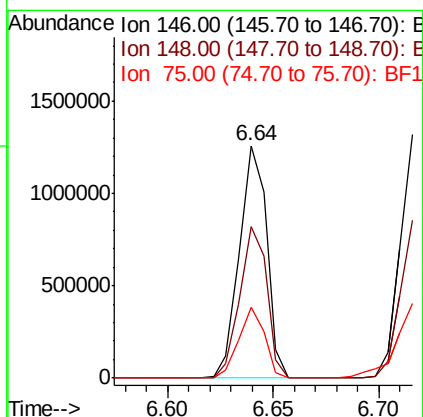
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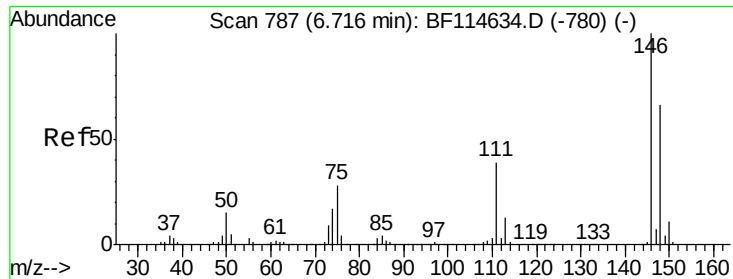
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#12
1,3-Dichlorobenzene
Concen: 33.973 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.01 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Tgt Ion:	146	Resp:	1125030
Ion Ratio	Lower	Upper	
146	100		
148	65.0	52.4	78.6
75	30.2	22.6	34.0





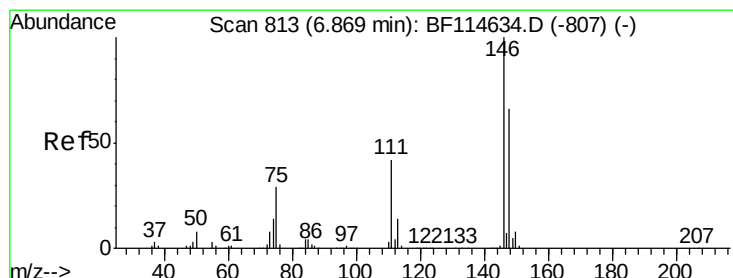
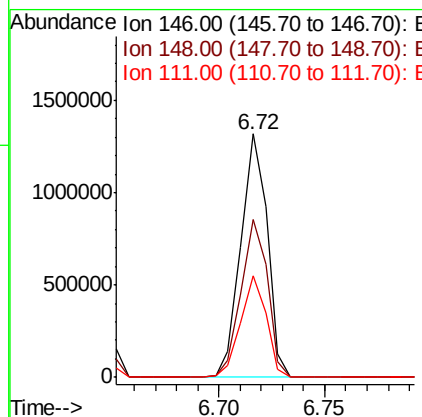
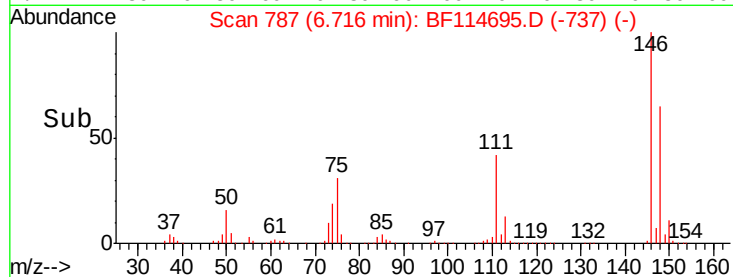
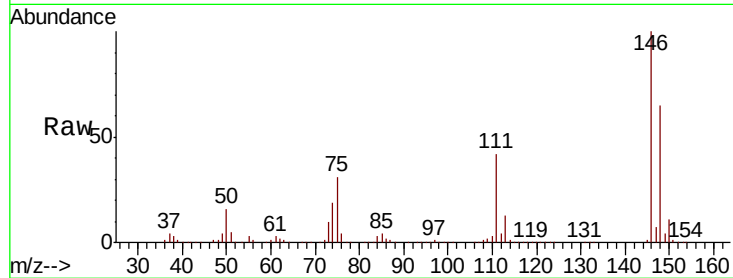
#13
 1,4-Dichlorobenzene
 Concen: 34.298 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF114695.D
 Acq: 31 May 2019 9:21

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:146 Resp: 1139423
 Ion Ratio Lower Upper
 146 100
 148 64.8 53.2 79.8
 111 41.5 31.9 47.9

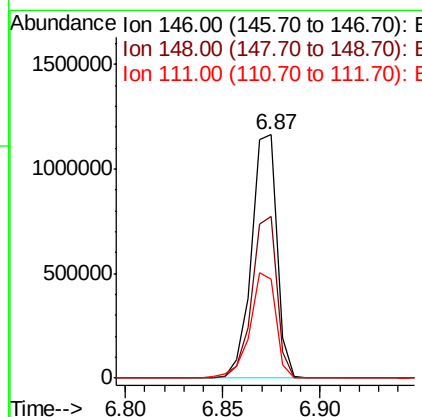
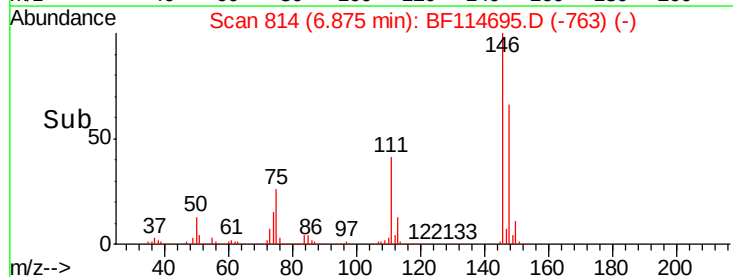
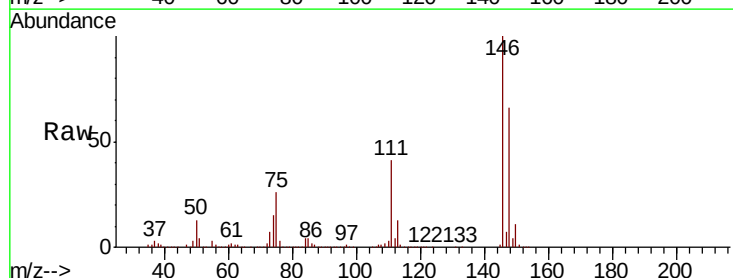
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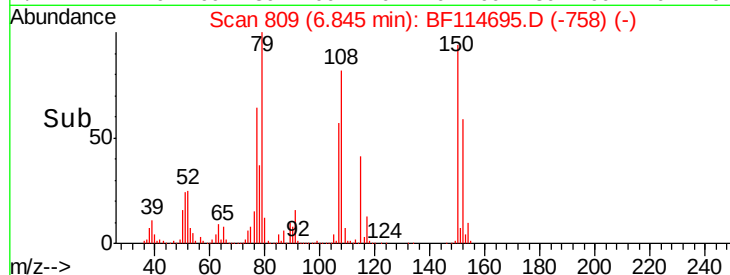
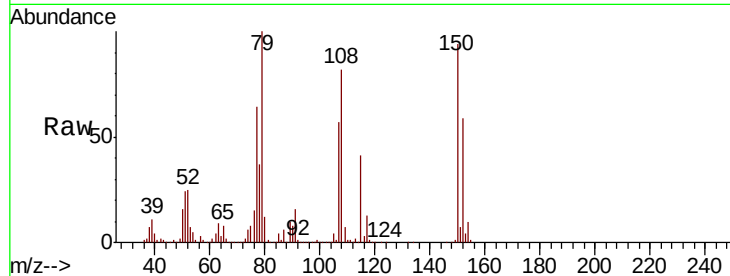
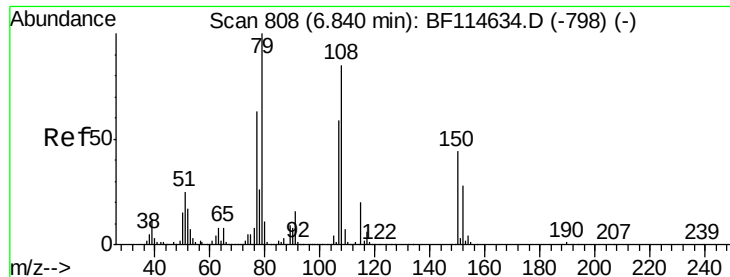
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#14
 1,2-Dichlorobenzene
 Concen: 34.789 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF114695.D
 Acq: 31 May 2019 9:21

Tgt Ion:146 Resp: 1052201
 Ion Ratio Lower Upper
 146 100
 148 66.3 52.9 79.3
 111 40.8 35.5 53.3





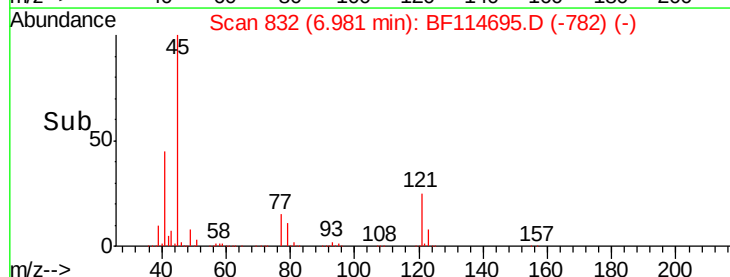
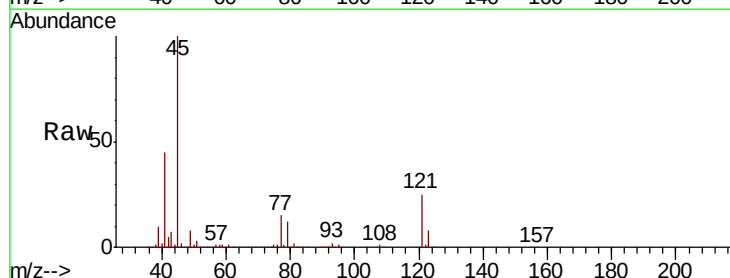
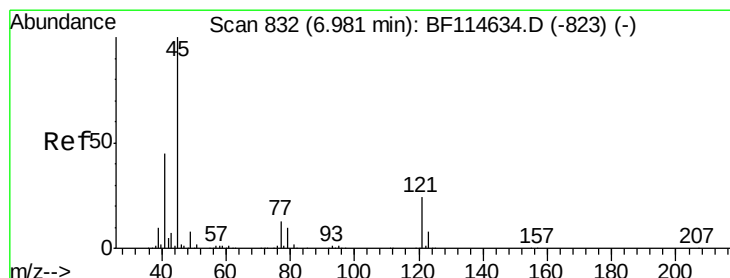
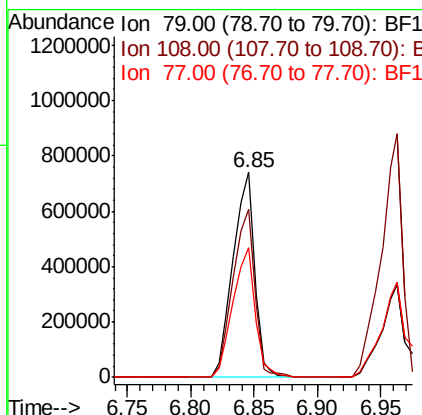
#15
Benzyl Alcohol
Concen: 36.715 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Tot Ion	Ratio	Resp	Lower	Upper
79	100	875904		
108	81.9	66.4	99.6	
77	63.6	50.9	76.3	

Instrument :
BNA_F
ClientSampleId :
PB119779BSD

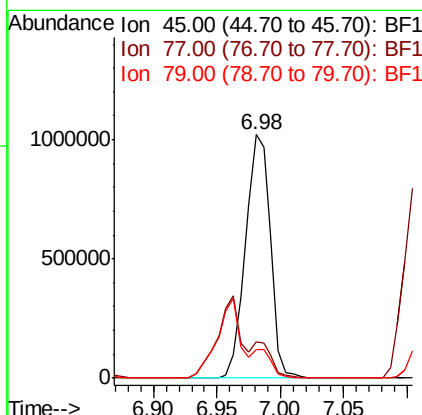
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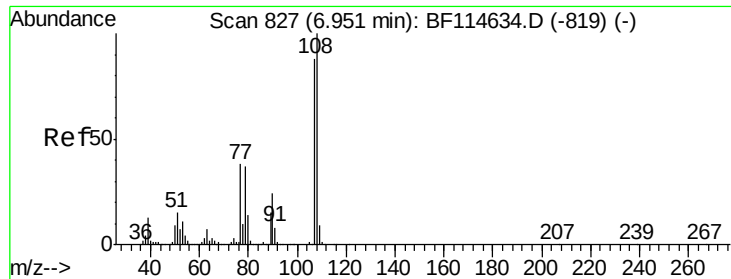
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.349 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	1390477		
77	15.0	0.0	35.3	
79	11.6	0.0	32.0	





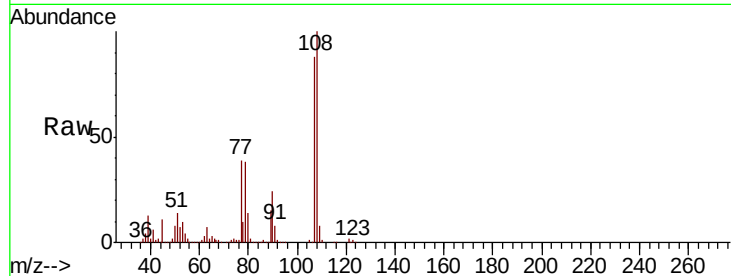
#17
2-Methylphenol
Concen: 37.050 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Instrument :
BNA_F
ClientSampleID :
PB119779BSD

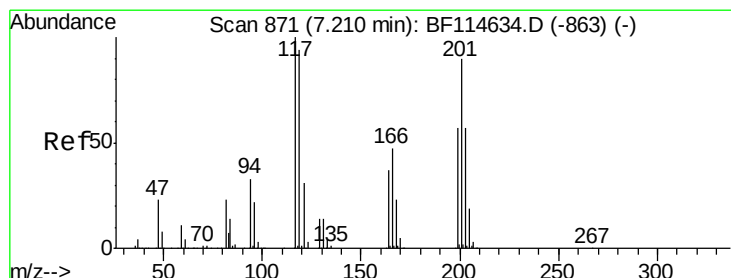
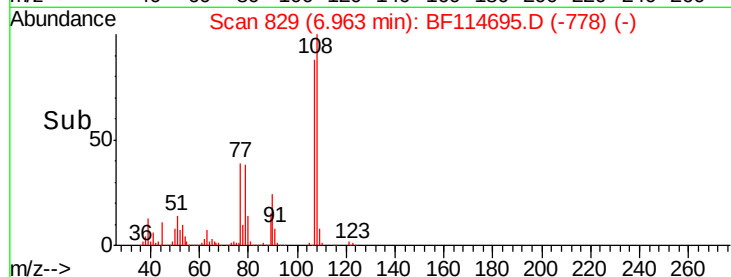
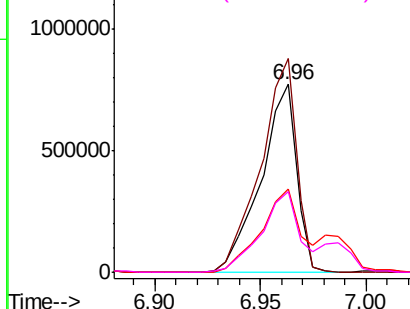
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.7	89.7	134.5	
77	44.4	34.9	52.3	
79	43.3	34.2	51.2	

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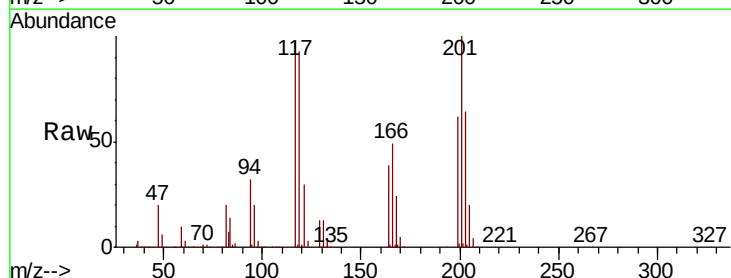


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

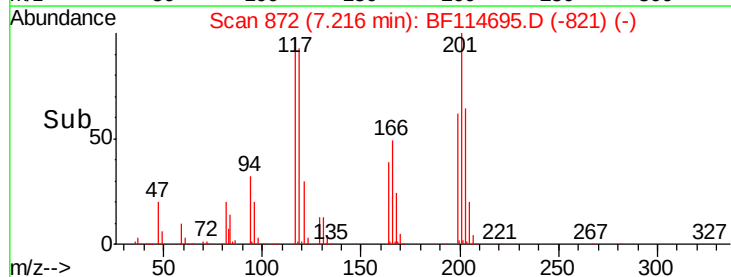
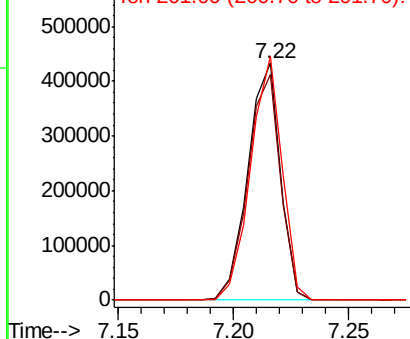


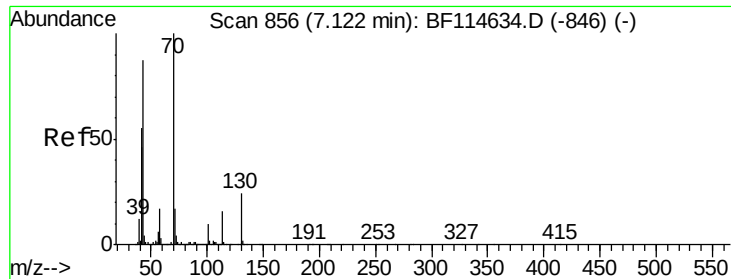
#18
Hexachloroethane
Concen: 33.812 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.6	77.9	116.9	
201	102.9	77.9	116.9	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





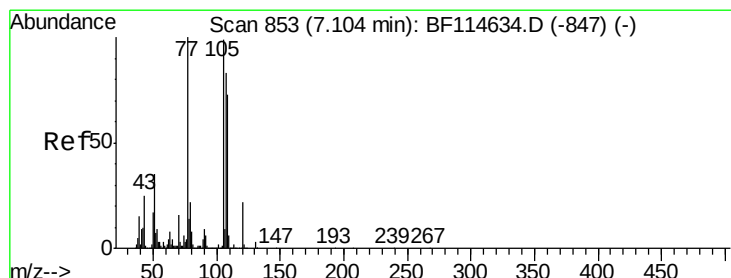
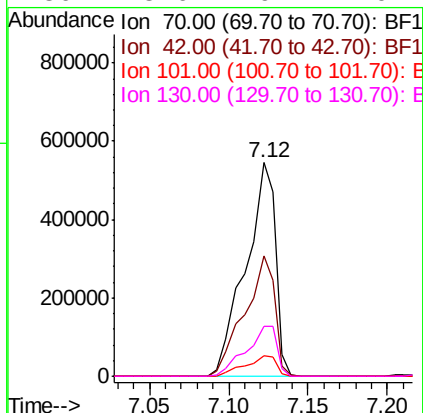
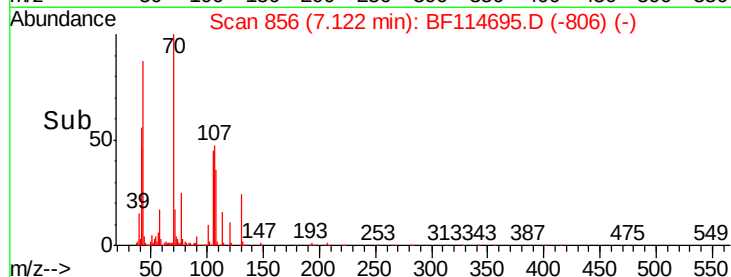
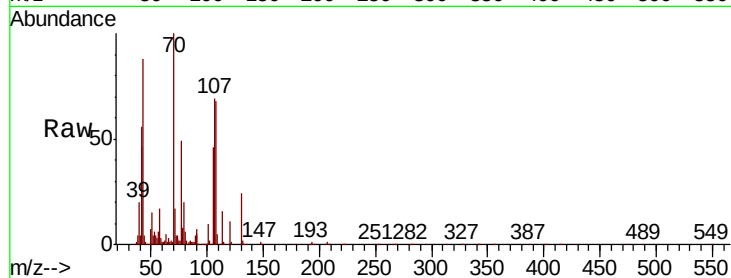
#19
n-Nitroso-di-n-propylamine
Concen: 33.960 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Instrument :
BNA_F
ClientSampleId :
PB119779BSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.3	43.9	65.9	
101	9.9	8.3	12.5	
130	23.6	19.4	29.2	

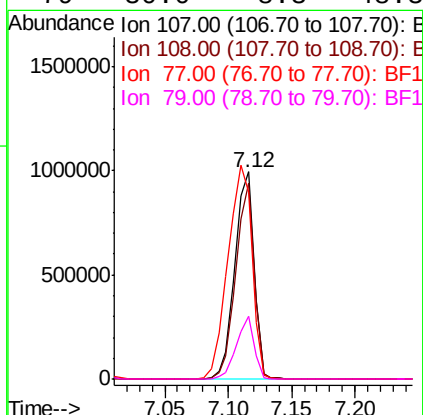
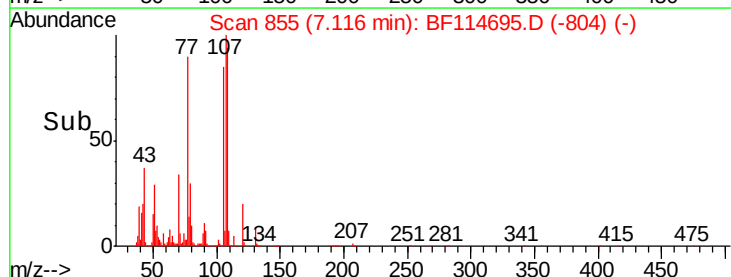
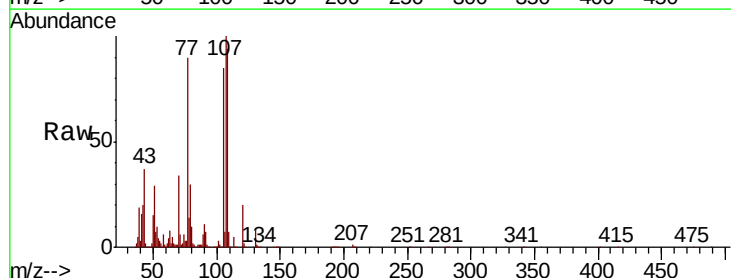
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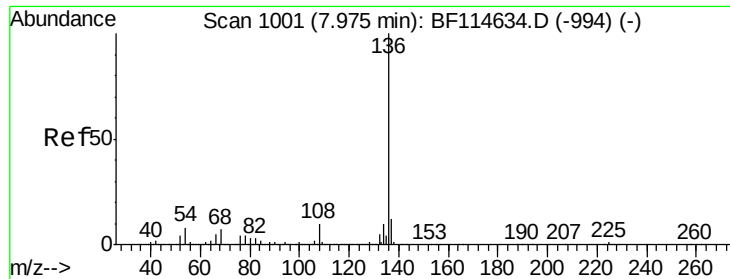
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#20
3+4-Methylphenols
Concen: 35.728 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	94.2	69.7	109.7	
77	90.5	99.5	139.5#	
79	30.0	8.3	48.3	





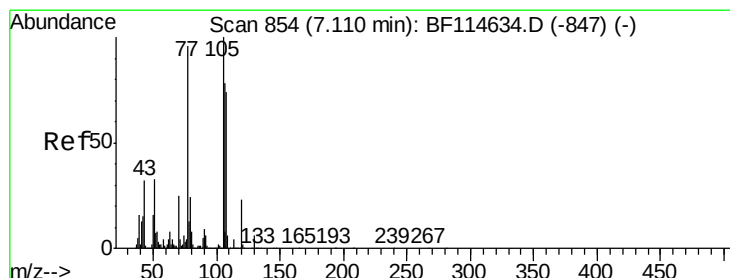
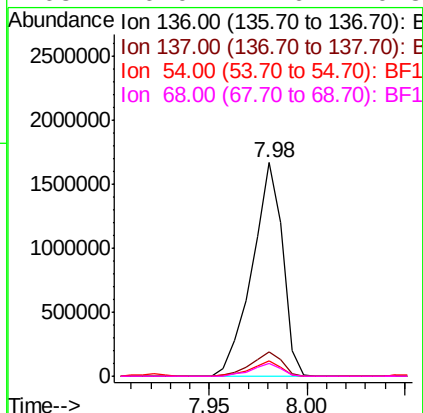
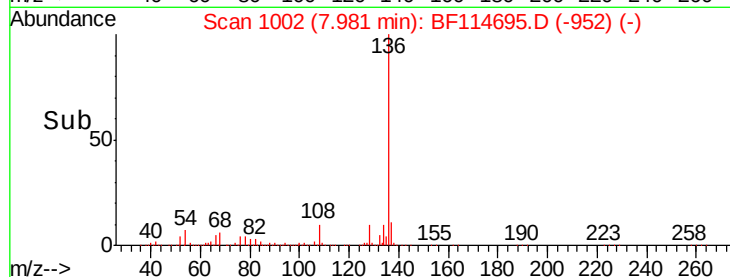
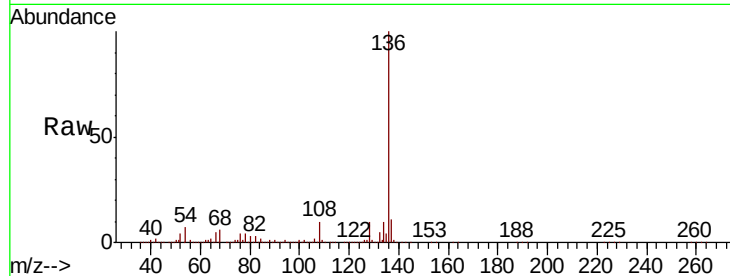
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Instrument :
BNA_F
ClientSampleId :
PB119779BSD

Tot Ion	136	Resp	1802349
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	7.2	5.2	7.8
68	6.0	4.6	6.8

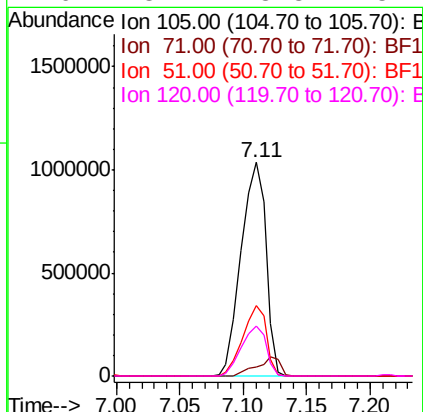
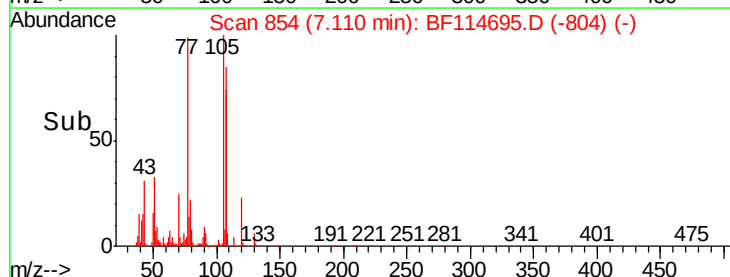
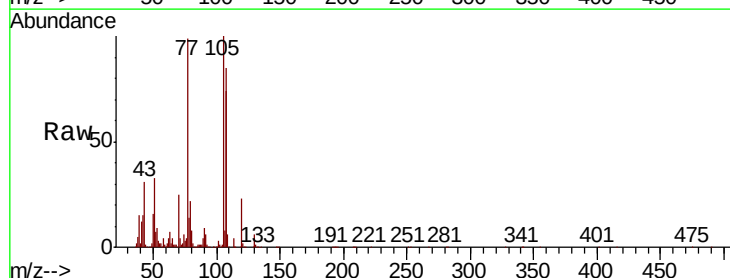
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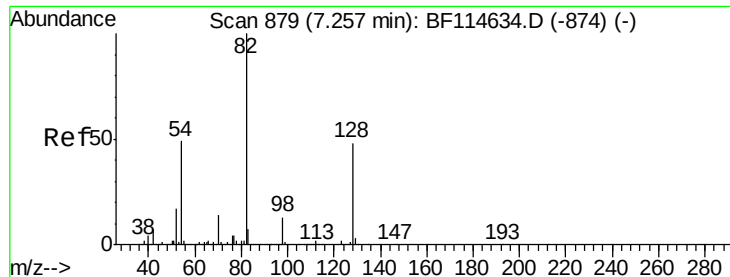
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#22
Acetophenone
Concen: 36.624 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Tgt Ion	105	Resp	1406465
Ion	Ratio	Lower	Upper
105	100		
71	4.1	2.5	3.7#
51	32.9	27.4	41.0
120	23.4	18.8	28.2





#23

Nitrobenzene-d5

Concen: 80.318 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

Instrument :

BNA_F

ClientSampleId :

PB119779BSD

Tot Ion: 82 Resp: 2320283

Ion Ratio Lower Upper

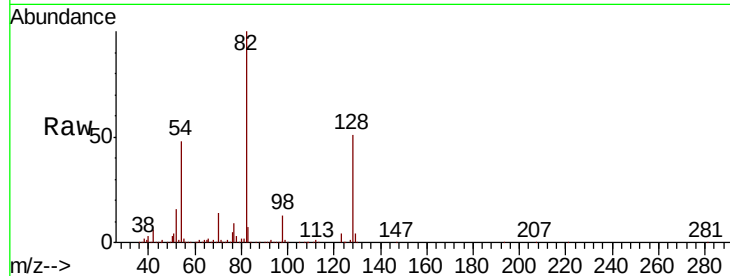
82 100

128 50.5 41.7 62.5

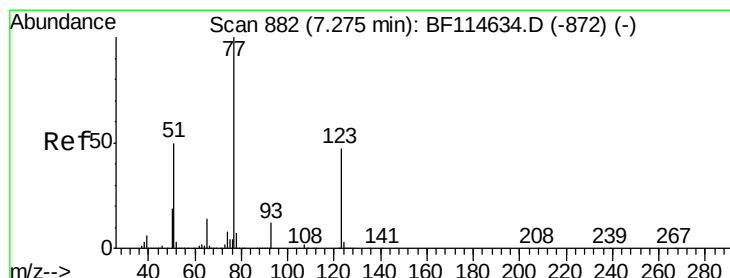
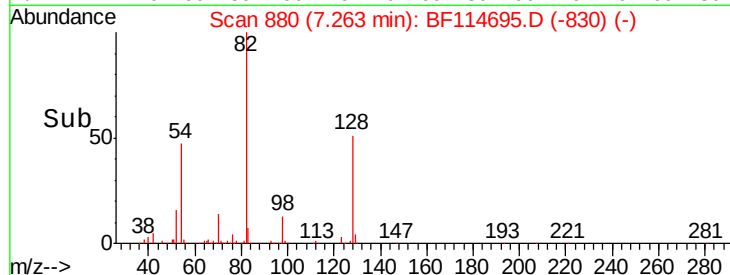
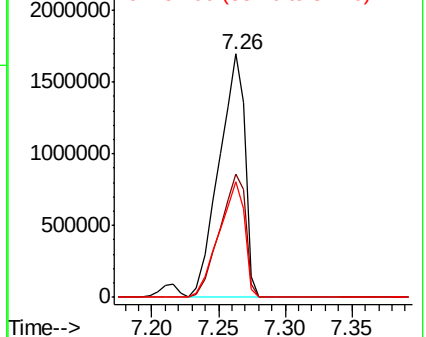
54 47.7 37.5 56.3

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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 35.361 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

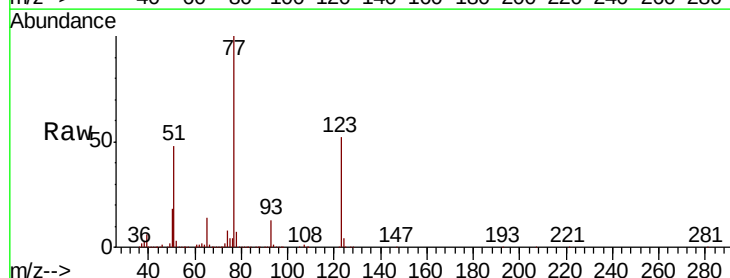
Tgt Ion: 77 Resp: 1085145

Ion Ratio Lower Upper

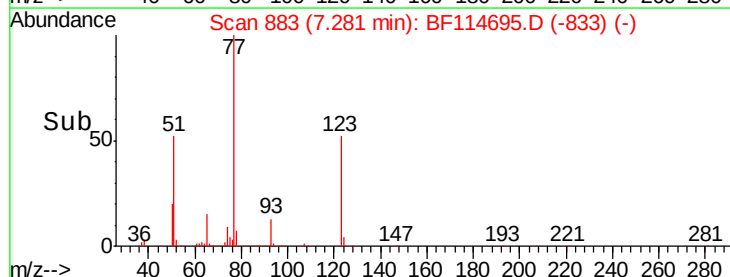
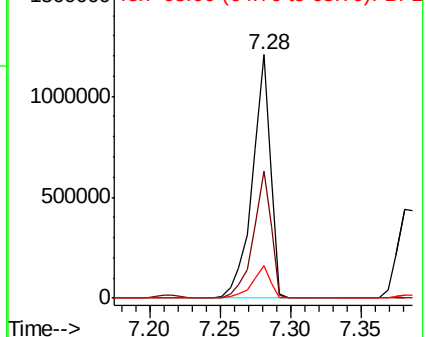
77 100

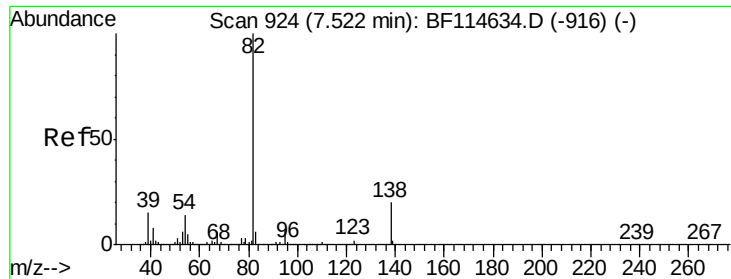
123 52.0 42.8 64.2

65 13.6 10.8 16.2



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 35.240 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.00 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

Instrument :

BNA_F

ClientSampleId :

PB119779BSD

Tot Ion: 82 Resp: 2043090

Ion Ratio Lower Upper

82 100

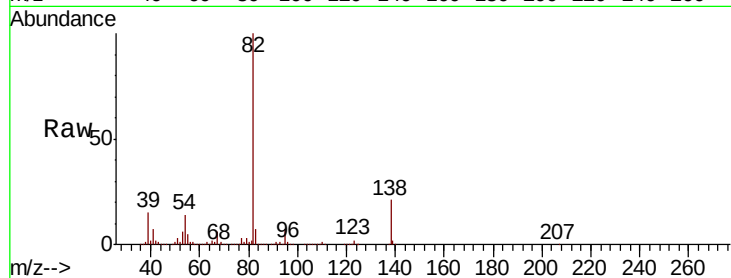
95 7.3 5.8 8.8

138 20.8 16.1 24.1

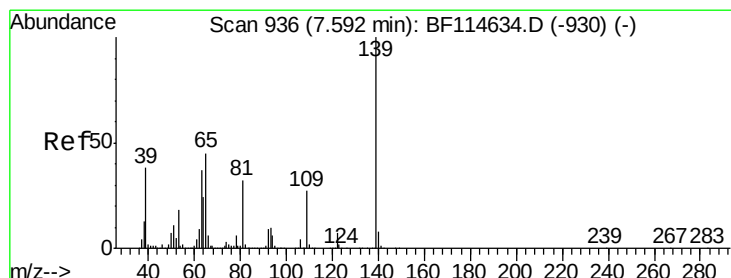
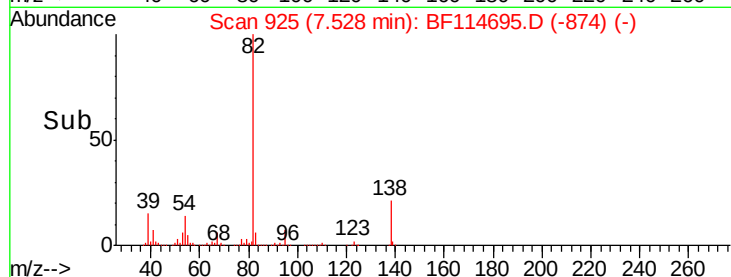
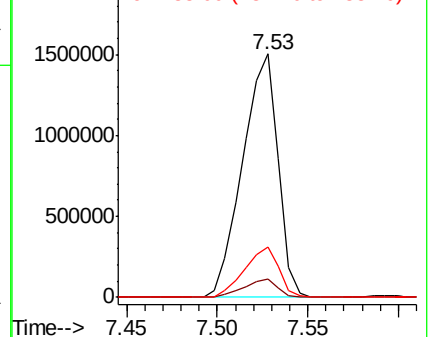
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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 40.925 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

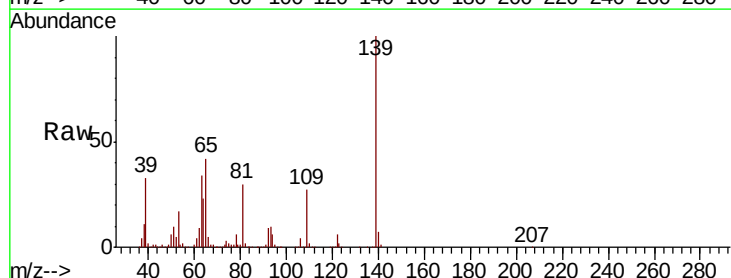
Tgt Ion: 139 Resp: 611325

Ion Ratio Lower Upper

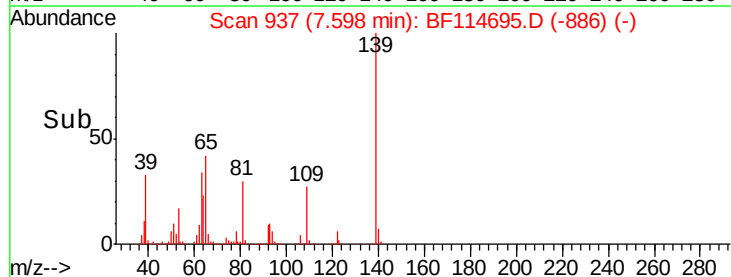
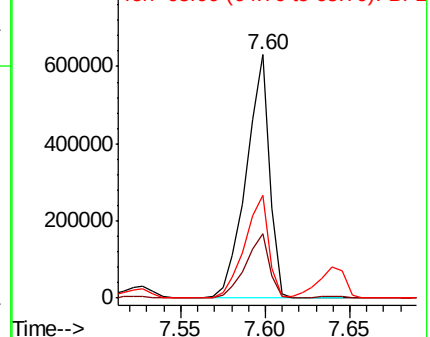
139 100

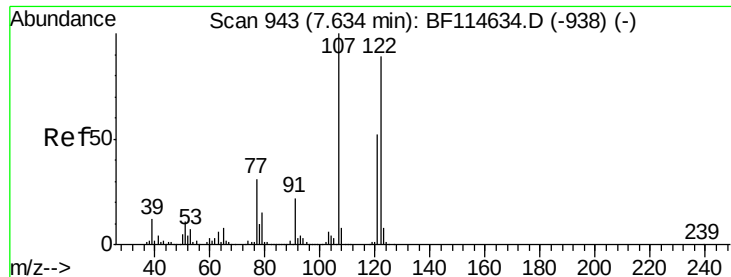
109 26.7 21.7 32.5

65 42.1 36.2 54.2



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





#27

2,4-Dimethylphenol

Concen: 41.361 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

Instrument :

BNA_F

ClientSampleId :

PB119779BSD

Tot Ion:122 Resp: 1027529

Ion Ratio Lower Upper

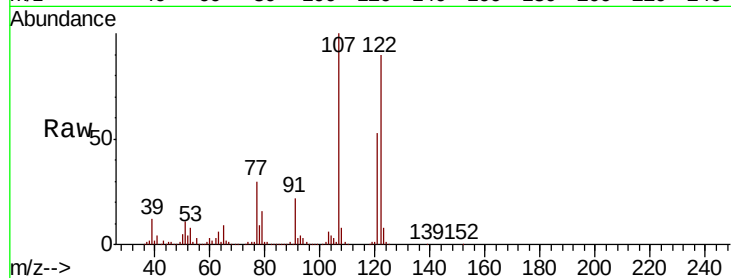
122 100

107 111.5 87.7 131.5

121 58.9 46.4 69.6

Manual Integrations
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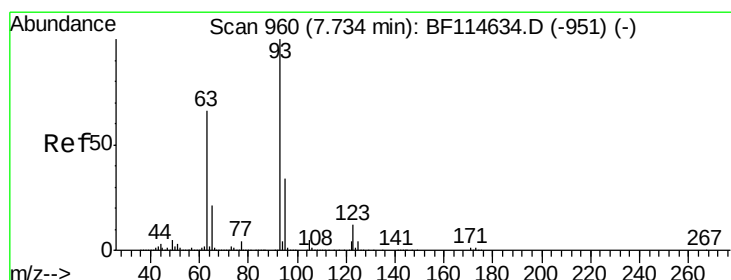
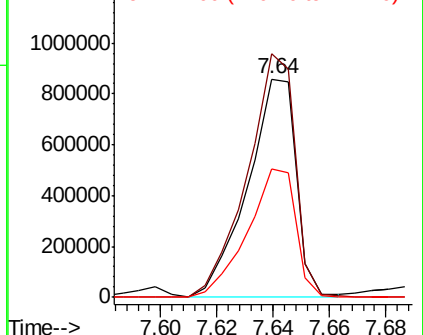
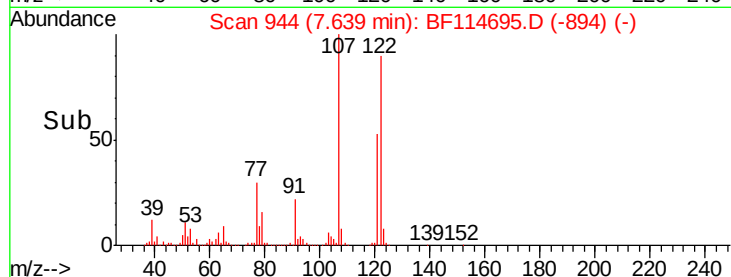
mohammad
6/3/2019 8:49:16 AM



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 35.436 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

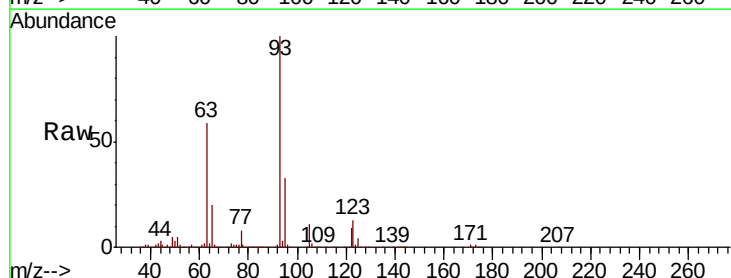
Tgt Ion: 93 Resp: 1307818

Ion Ratio Lower Upper

93 100

95 33.2 27.2 40.8

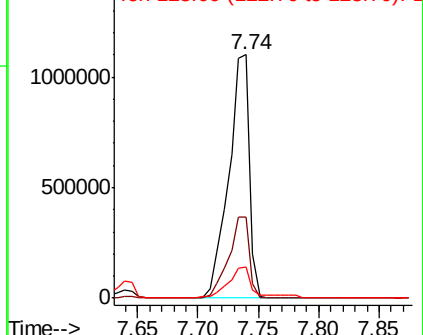
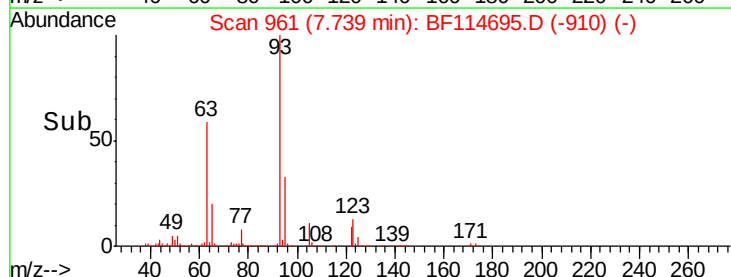
123 13.0 10.0 15.0

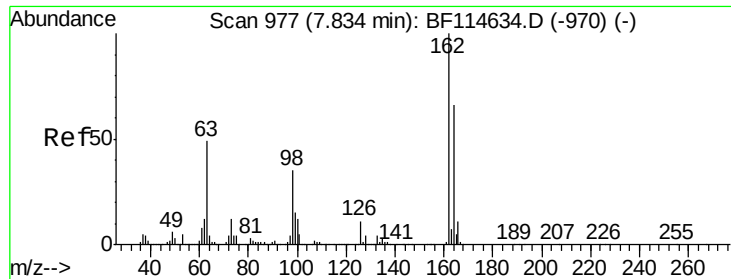


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





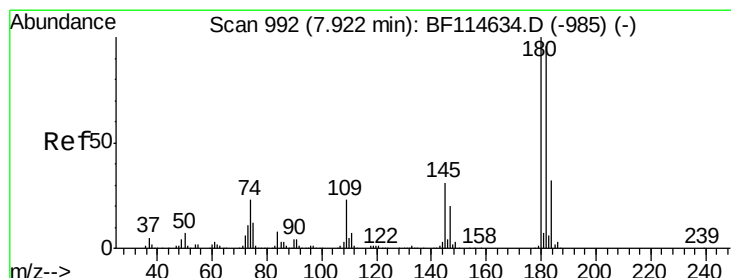
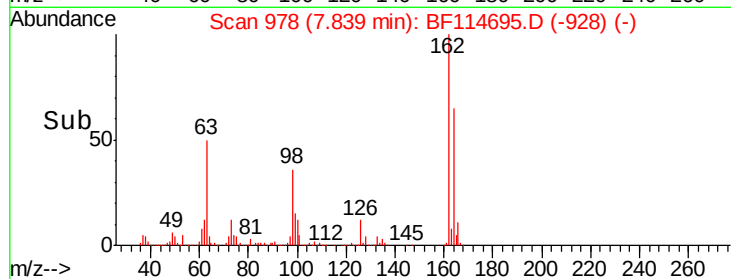
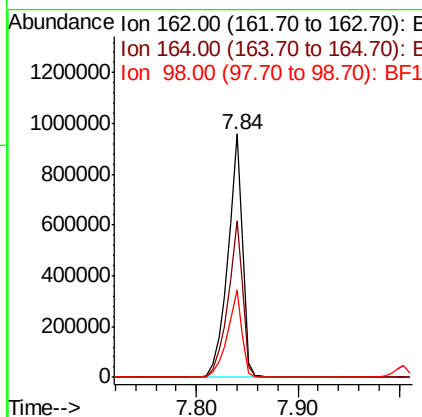
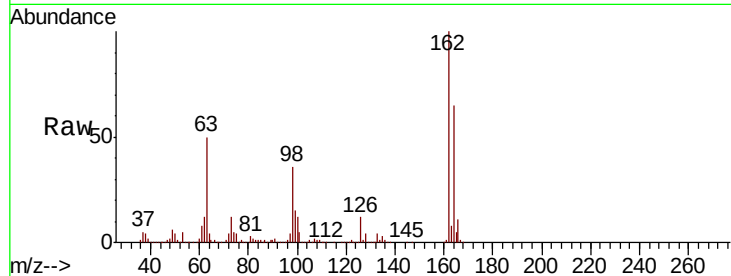
#29
 2,4-Dichlorophenol
 Concen: 38.371 ng
 RT: 7.84 min Scan# 978
 Delta R.T. -0.01 min
 Lab File: BF114695.D
 Acq: 31 May 2019 9:21

Instrument :
 BNA_F
 ClientSampleId :
 PB119779BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	970272		
164	64.5	45.9	85.9	
98	35.9	13.0	53.0	

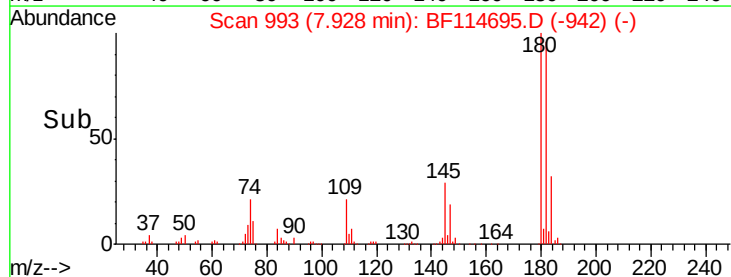
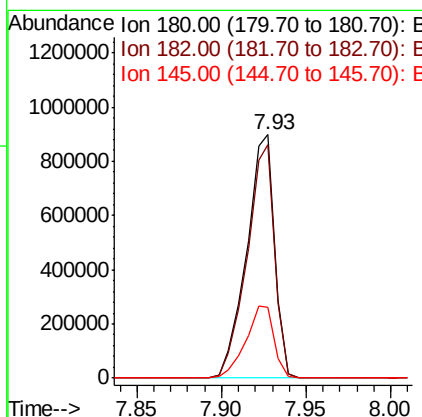
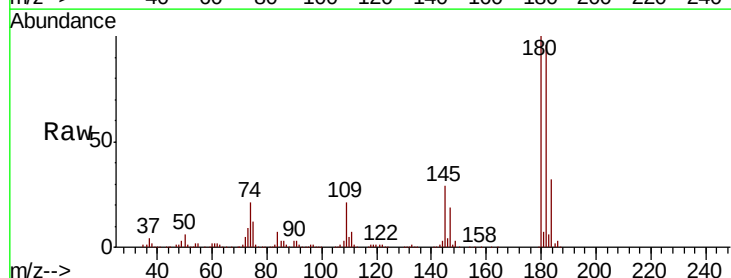
Manual Integrations
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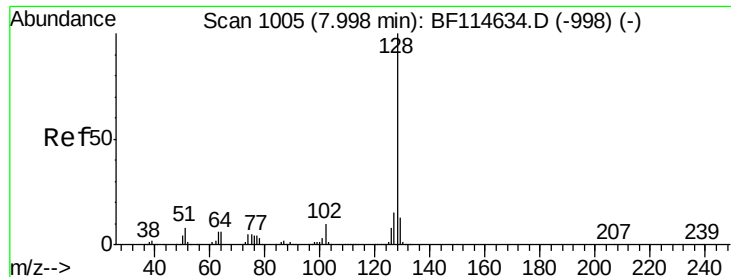
mohammad
 6/3/2019 8:49:16 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 36.068 ng
 RT: 7.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BF114695.D
 Acq: 31 May 2019 9:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	1039093		
182	95.7	75.8	113.8	
145	29.3	24.7	37.1	





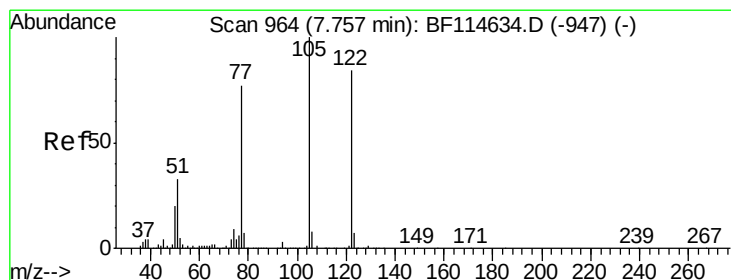
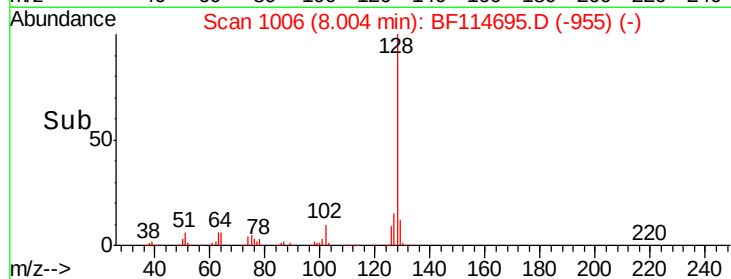
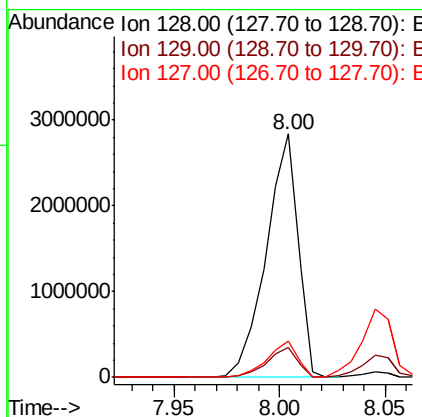
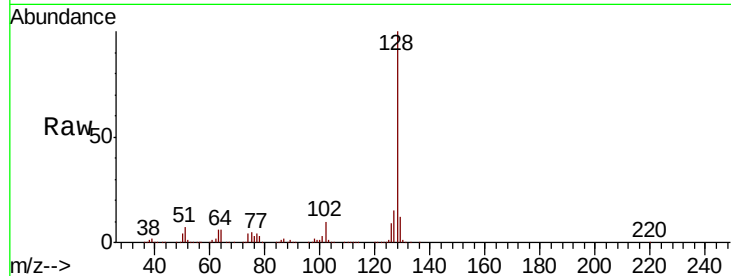
#31
Naphthalene
Concen: 35.923 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Instrument :
BNA_F
ClientSampleId :
PB119779BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.5	10.7	16.1
127	14.8	12.3	18.5

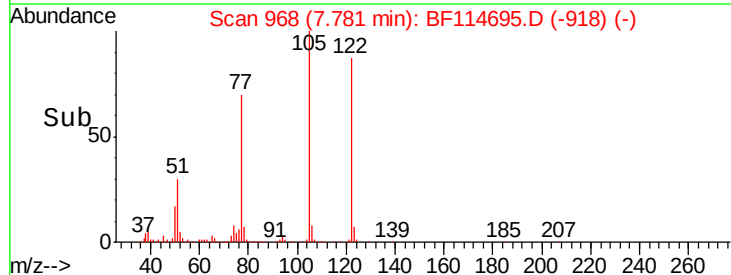
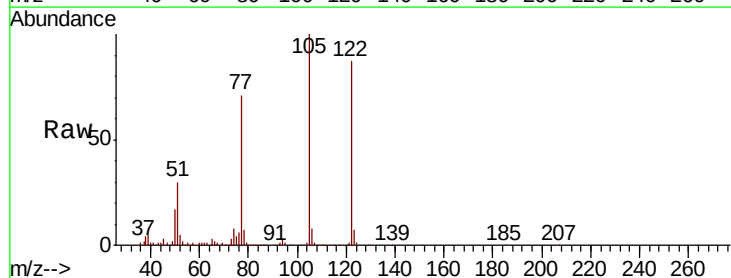
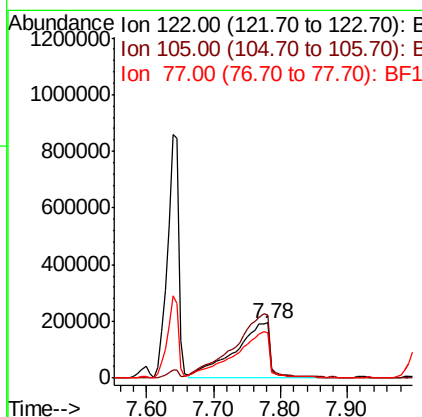
Manual Integrations
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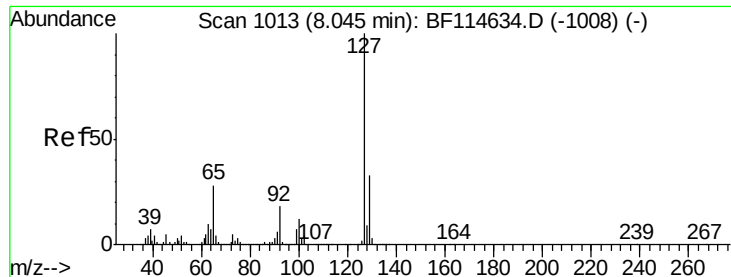
mohammad
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#32
Benzoic acid
Concen: 44.066 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Tgt Ion	Ratio	Lower	Upper
122	100		
105	114.9	99.1	139.1
77	81.0	65.3	105.3





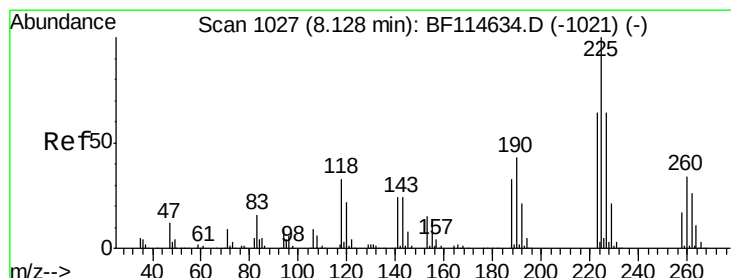
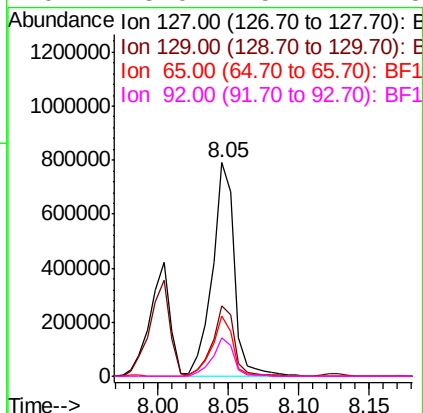
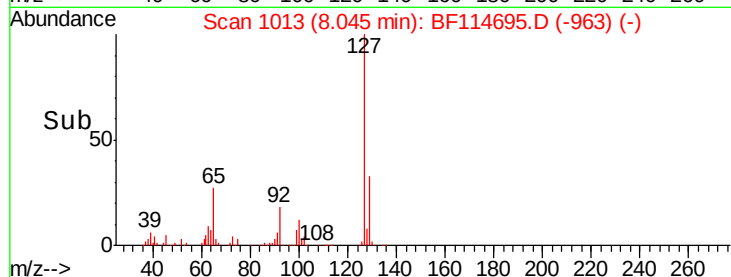
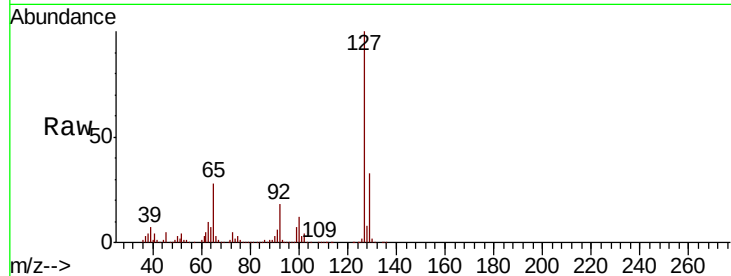
#33
4-Chloroaniline
Concen: 21.517 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Instrument :
BNA_F
ClientSampleId :
PB119779BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.0	27.0	40.4		
65	27.9	22.9	34.3		
92	18.0	15.2	22.8		

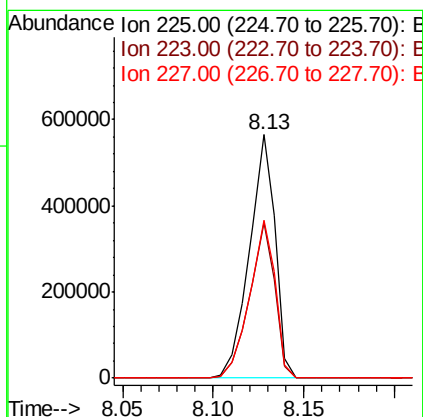
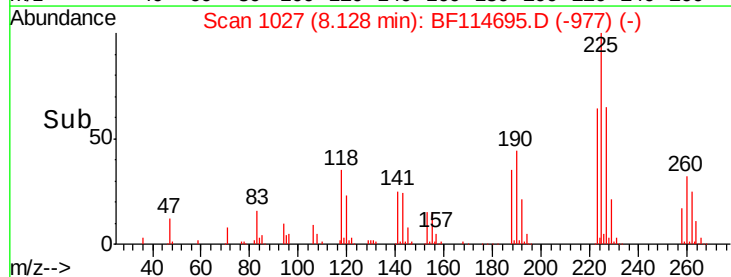
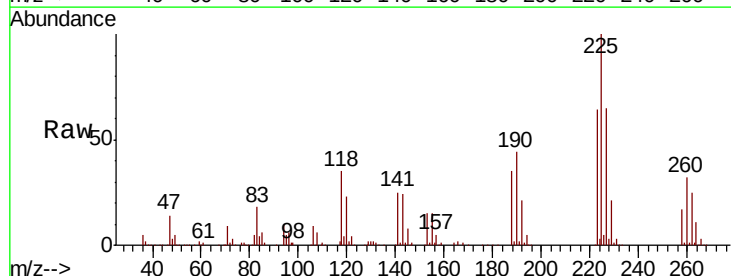
Manual Integrations
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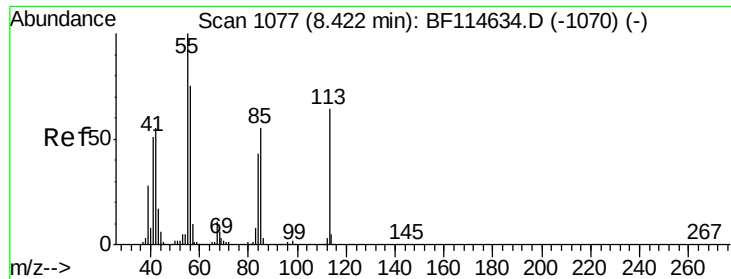
mohammad
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#34
Hexachlorobutadiene
Concen: 34.826 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.8	50.3	75.5		
227	65.0	52.4	78.6		





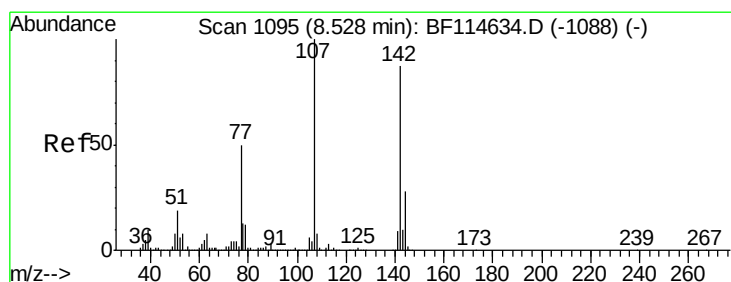
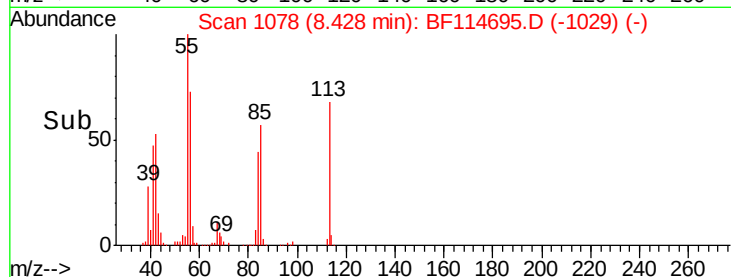
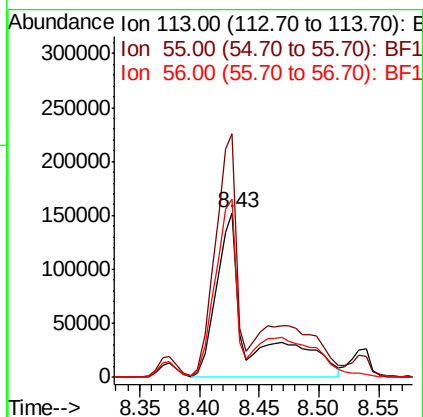
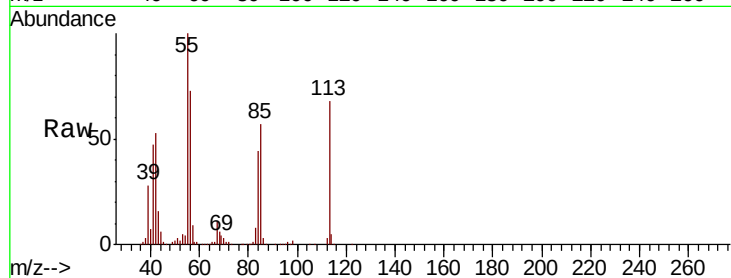
#35
 Caprolactam
 Concen: 35.025 ng/ml
 RT: 8.43 min Scan# 1078
 Delta R.T. -0.01 min
 Lab File: BF114695.D
 Acq: 31 May 2019 9:21

Instrument :
 BNA_F
 ClientSampleId :
 PB119779BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	147.7	130.4	170.4
56	107.9	91.4	131.4

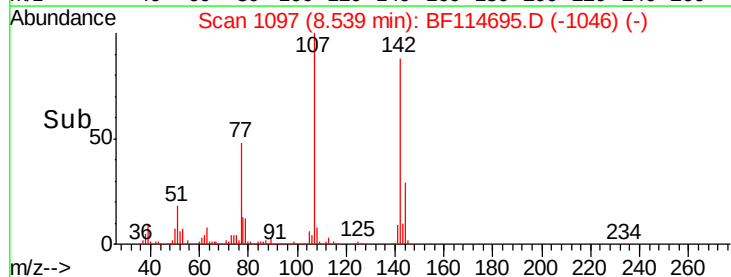
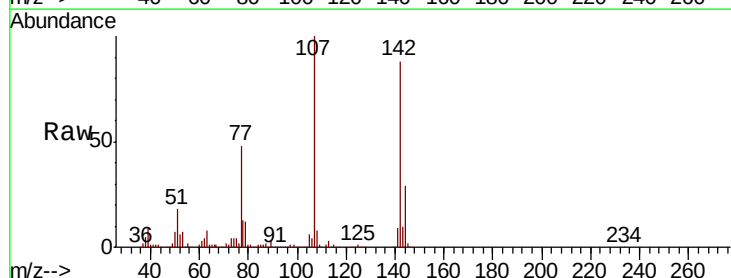
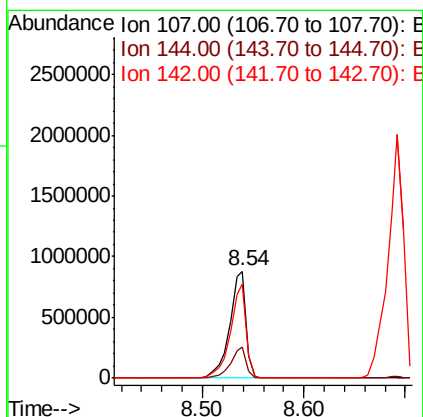
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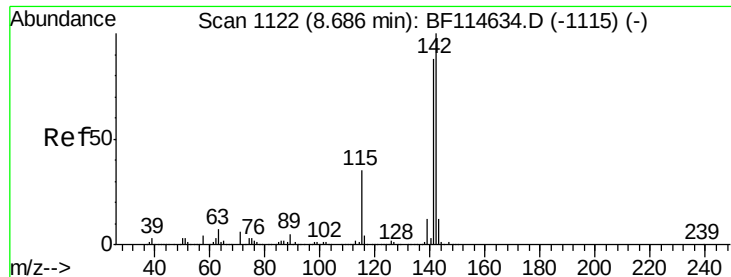
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 38.720 ng/ml
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.00 min
 Lab File: BF114695.D
 Acq: 31 May 2019 9:21

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.8	22.6	33.8
142	87.7	69.4	104.2





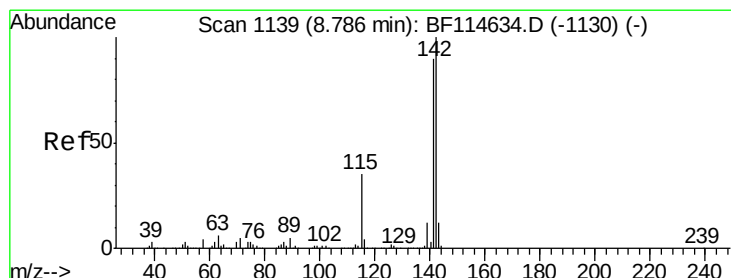
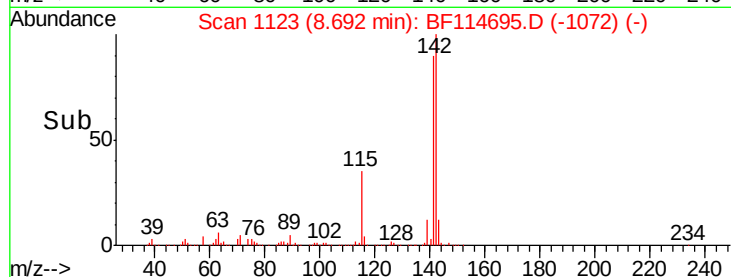
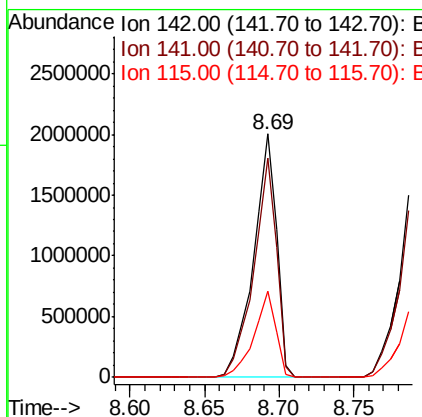
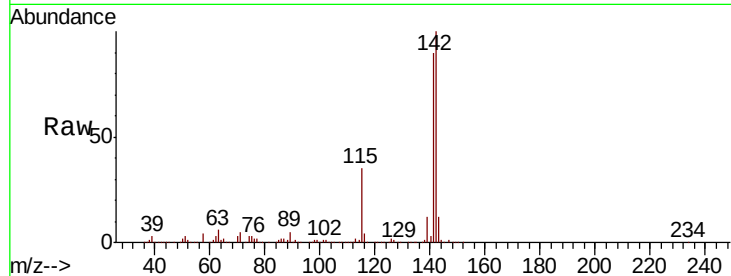
#37
2-Methylnaphthalene
Concen: 38.400 ng
RT: 8.69 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Instrument :
BNA_F
ClientSampleId :
PB119779BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.5	105.7
115	35.2	28.4	42.6

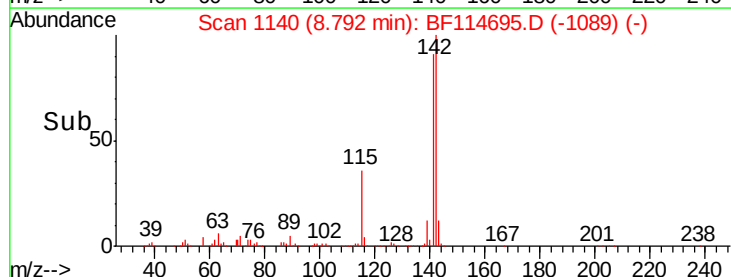
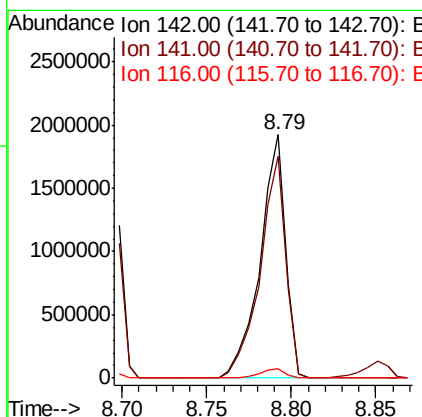
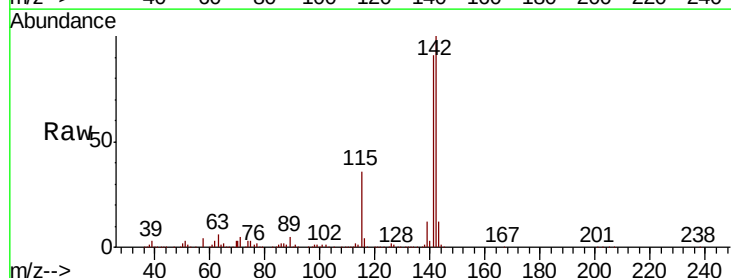
Manual Integrations
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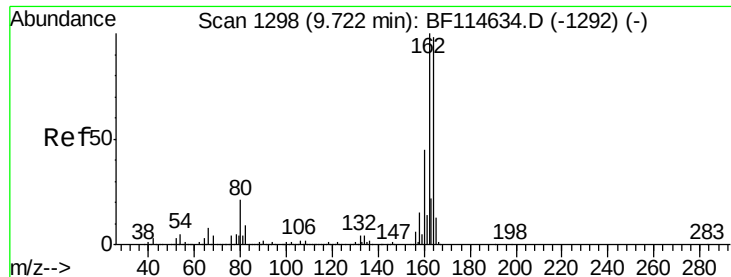
mohammad
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#38
1-Methylnaphthalene
Concen: 38.410 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.8	110.6
116	3.7	3.2	4.8





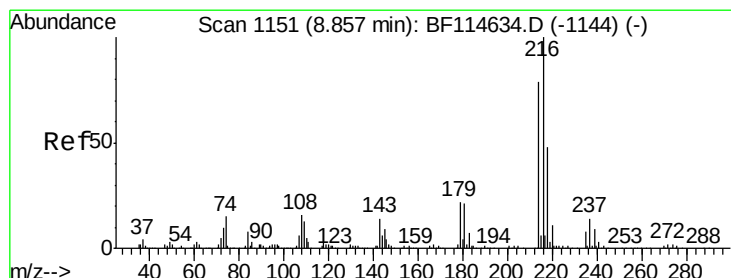
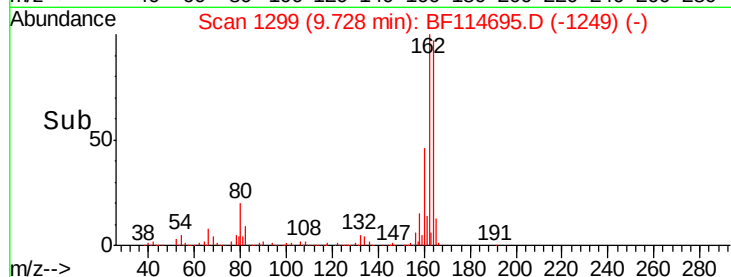
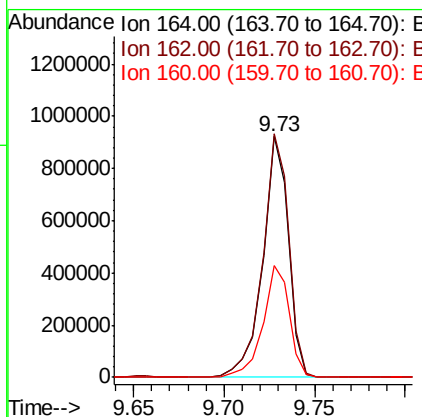
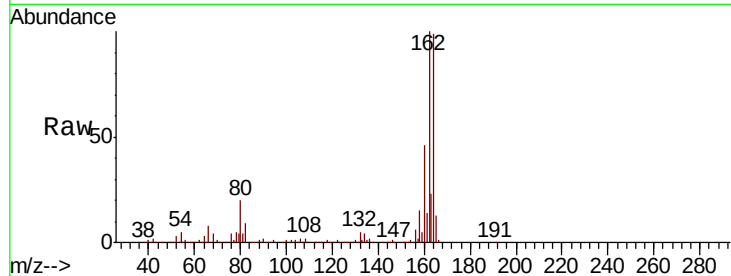
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Instrument :
BNA_F
ClientSampleId :
PB119779BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.0	83.0	124.4	
160	46.5	38.2	57.2	

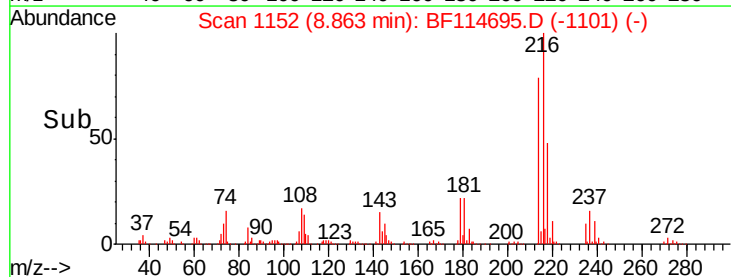
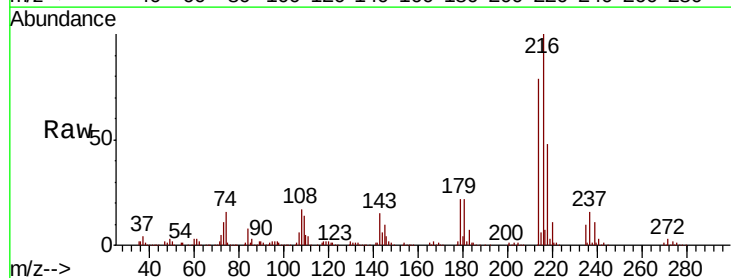
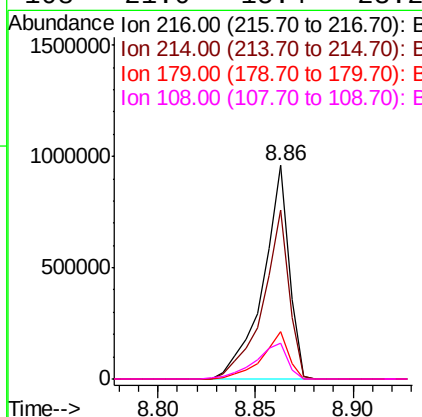
Manual Integrations
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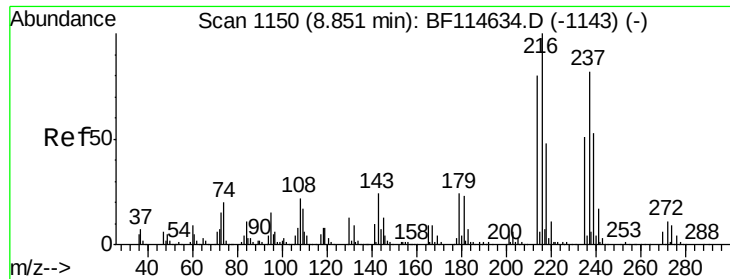
mohammad
6/3/2019 8:49:16 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.776 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.9	63.3	94.9	
179	22.4	18.1	27.1	
108	21.0	15.4	23.2	





#41

Hexachlorocyclopentadiene

Concen: 70.353 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

Instrument :

BNA_F

ClientSampleId :

PB119779BSD

Tot Ion:237 Resp: 1126044

Ion Ratio Lower Upper

237 100

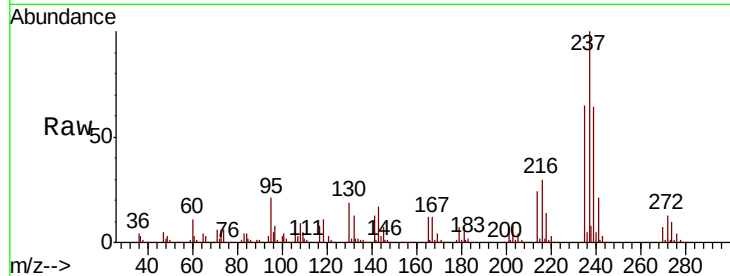
235 64.9 44.1 84.1

272 13.3 0.0 33.0

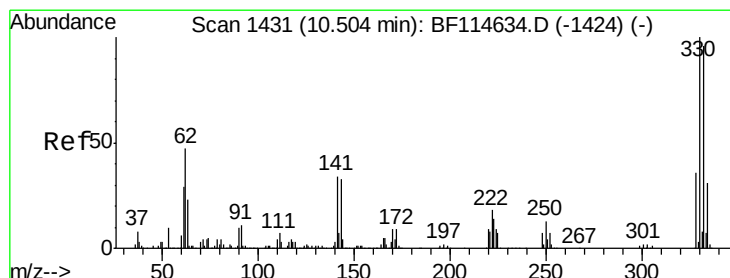
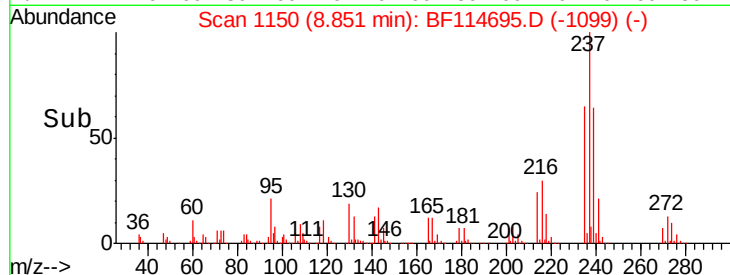
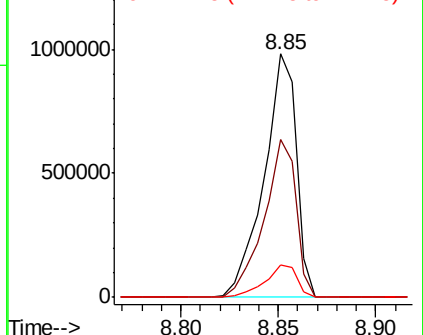
Manual Integrations
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mohammad

6/3/2019 8:49:16 AM



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: 111.064 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

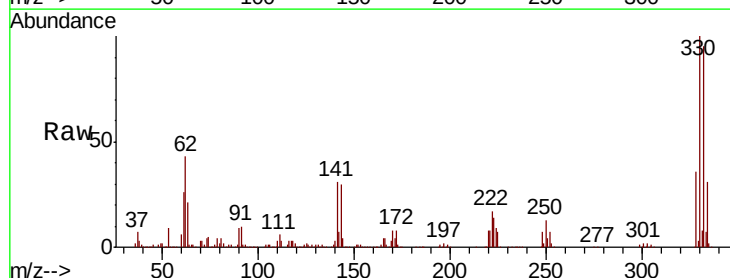
Tgt Ion:330 Resp: 962502

Ion Ratio Lower Upper

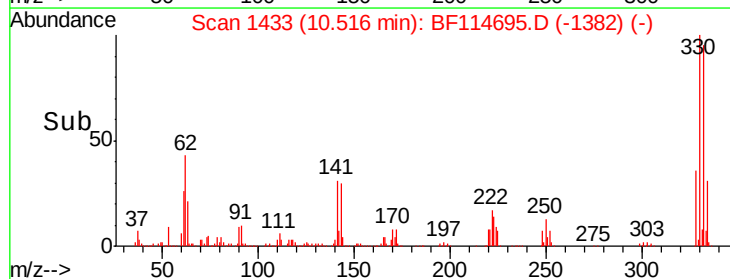
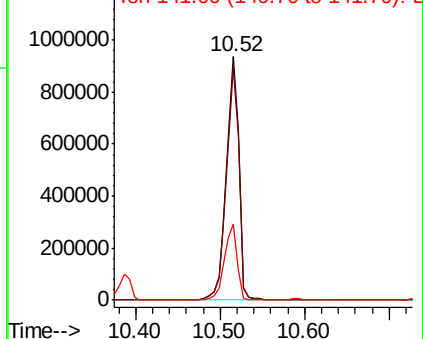
330 100

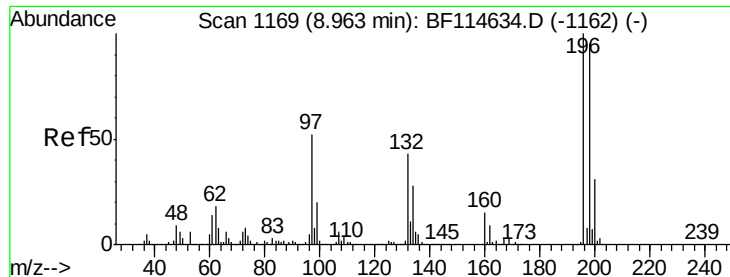
332 95.8 77.1 115.7

141 31.8 26.2 39.2



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





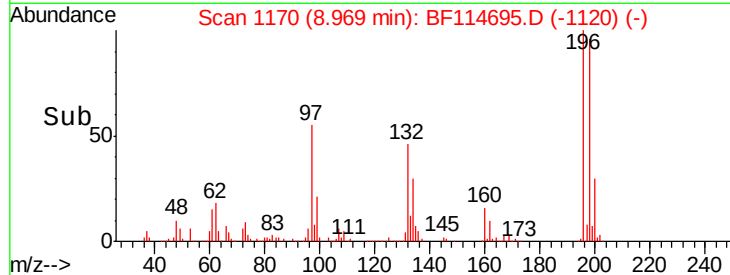
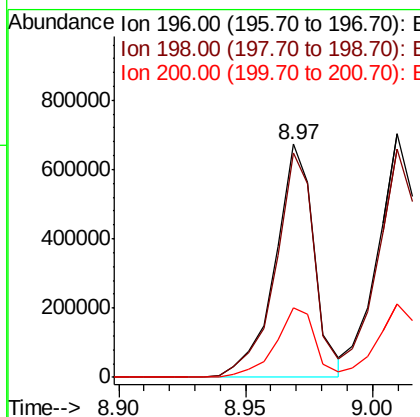
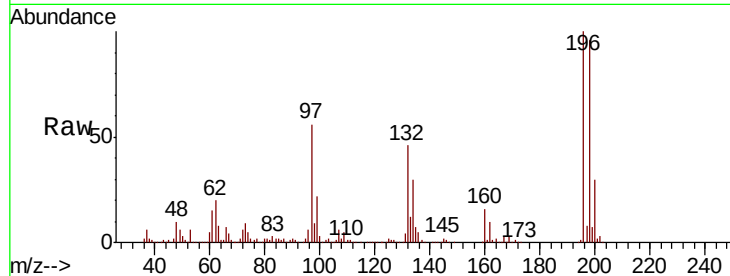
#43
 2,4,6-Trichlorophenol
 Concen: 38.105 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF114695.D
 Acq: 31 May 2019 9:21

Instrument :
 BNA_F
 ClientSampleId :
 PB119779BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	726197		
198	96.0	77.0	115.6	
200	30.0	25.4	38.0	

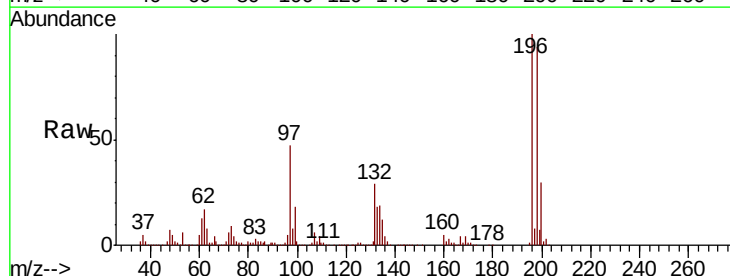
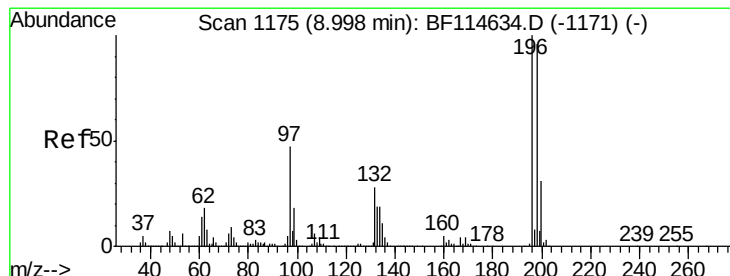
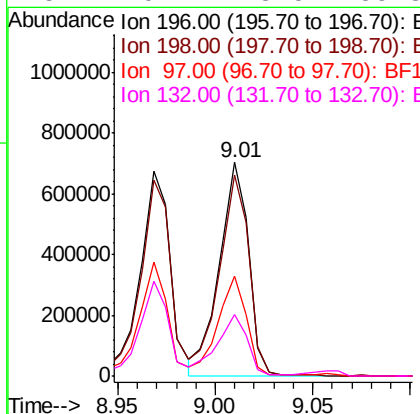
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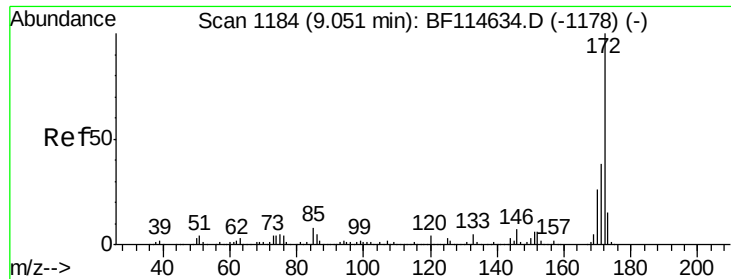
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 38.414 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BF114695.D
 Acq: 31 May 2019 9:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	730551		
198	94.0	76.3	114.5	
97	46.8	37.8	56.8	
132	29.1	23.5	35.3	





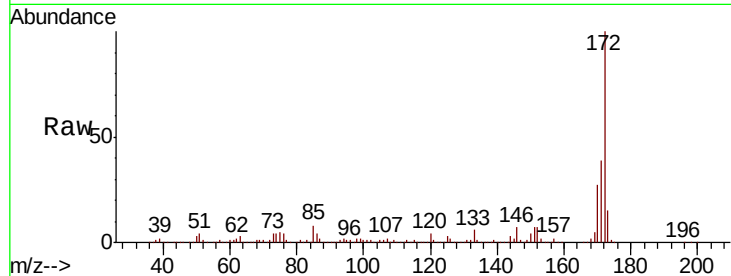
#45
2-Fluorobiphenyl
Concen: 84.414 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Instrument :
BNA_F
ClientSampleId :
PB119779BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.1	31.6	47.4
170	26.8	21.5	32.3

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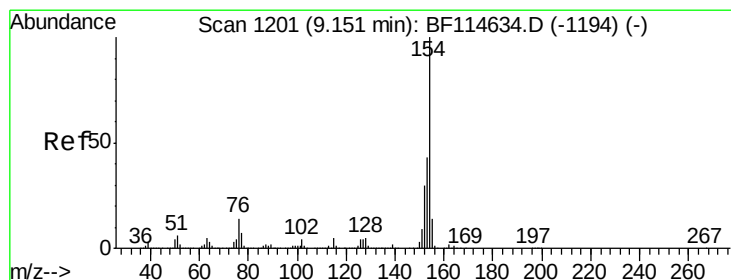
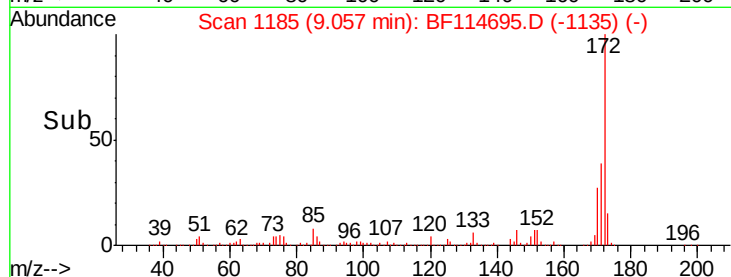
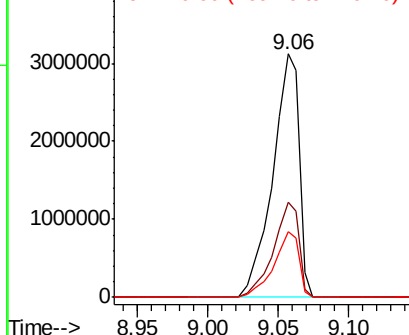


Abundance

Ion 172.00 (171.70 to 172.70): E

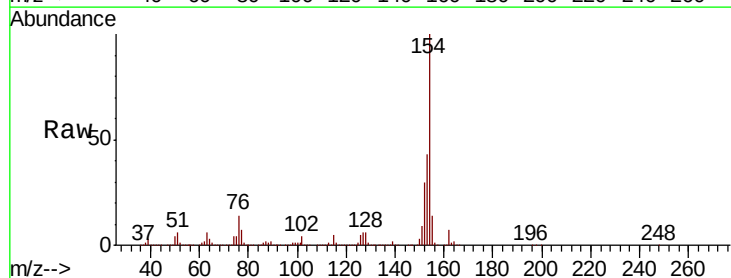
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 36.514 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.9	23.3	63.3
76	13.5	0.0	34.4

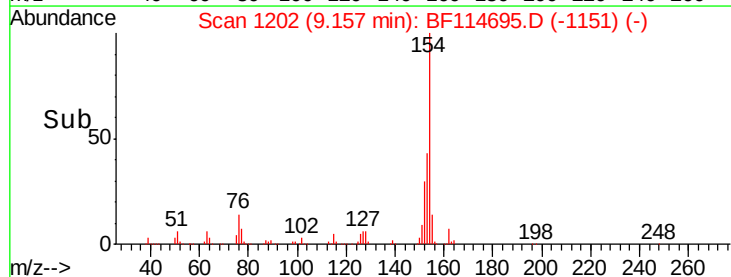
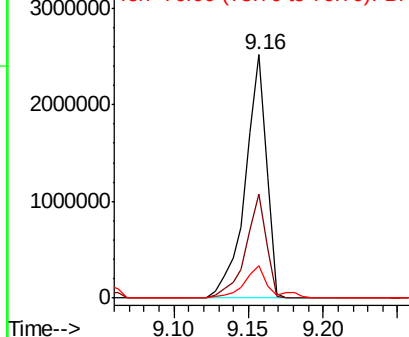


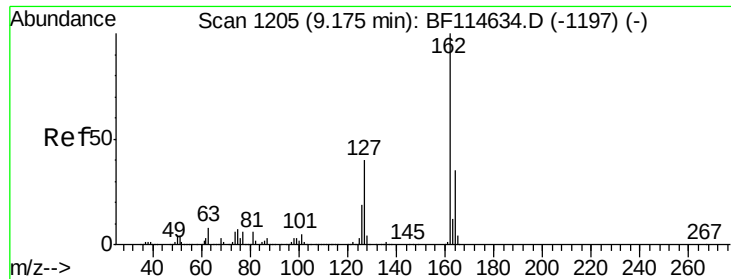
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





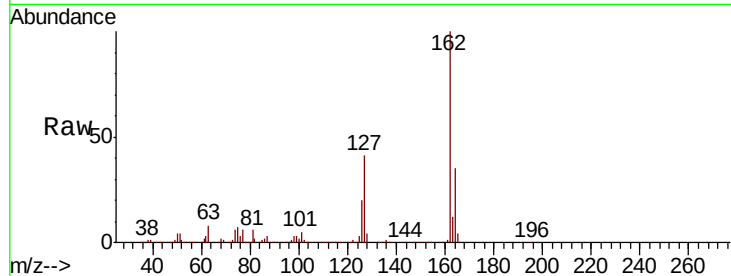
#47
 2-Chloronaphthalene
 Concen: 35.875 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF114695.D
 Acq: 31 May 2019 9:21

Instrument :
 BNA_F
 ClientSampleId :
 PB119779BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.2	34.8	52.2
164	34.6	28.5	42.7

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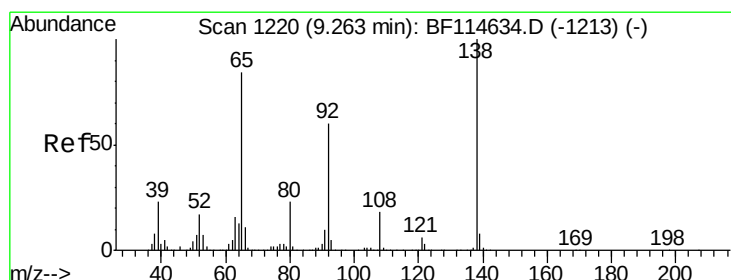
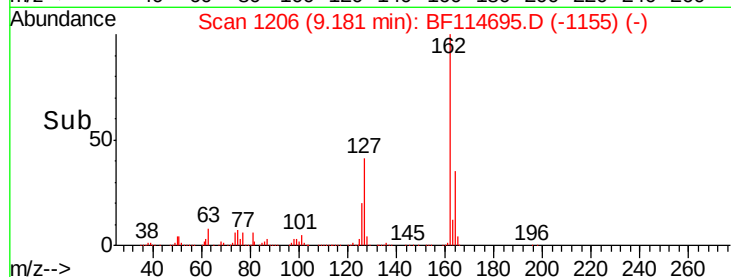
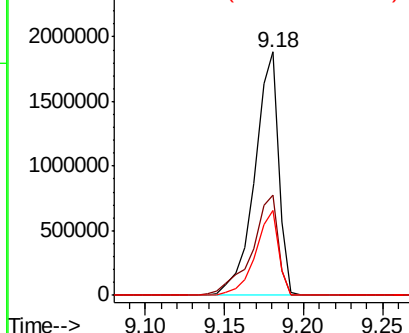


Abundance

Ion 162.00 (161.70 to 162.70): E

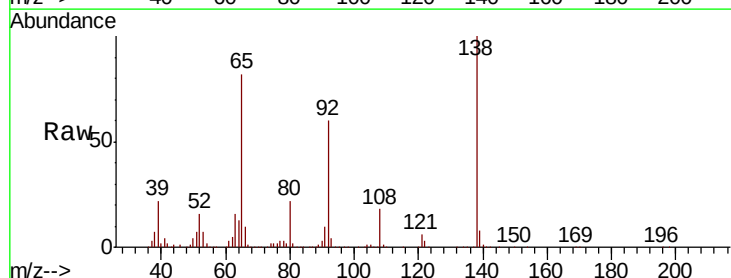
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 34.345 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF114695.D
 Acq: 31 May 2019 9:21

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.4	60.2	90.4
138	121.6	107.2	160.8

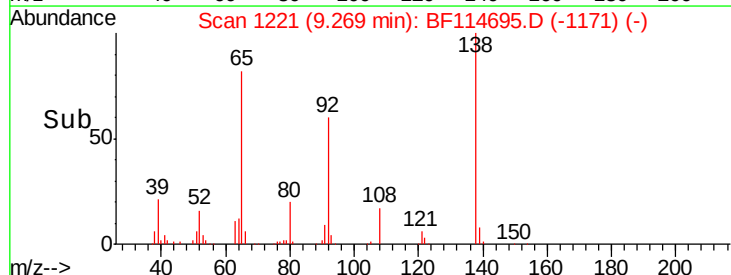
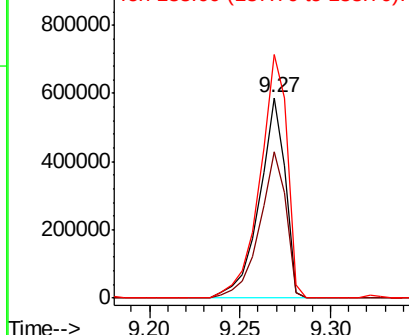


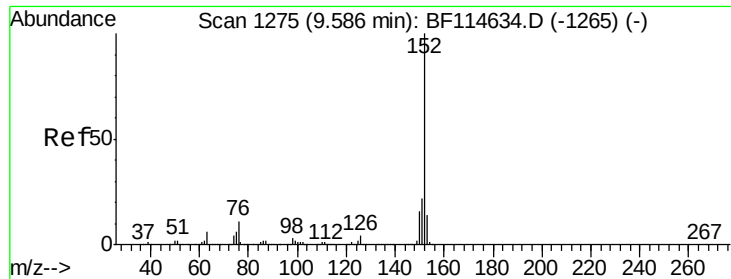
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 35.437 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

Instrument :

BNA_F

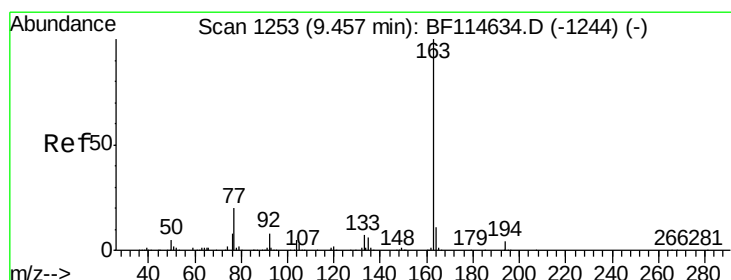
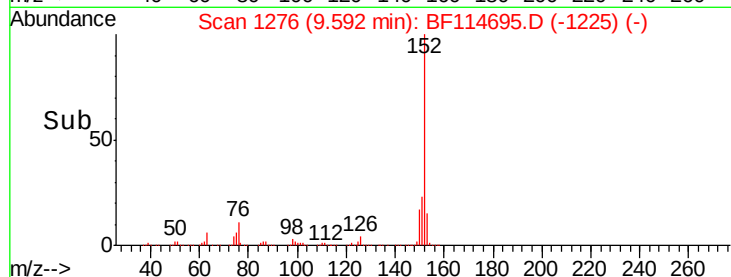
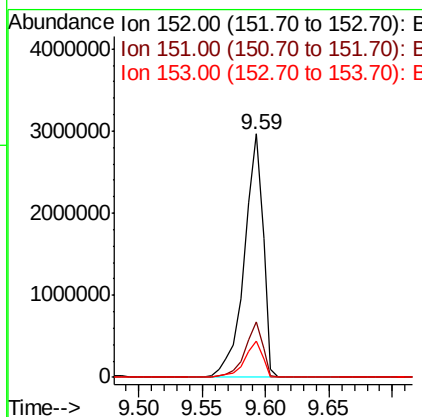
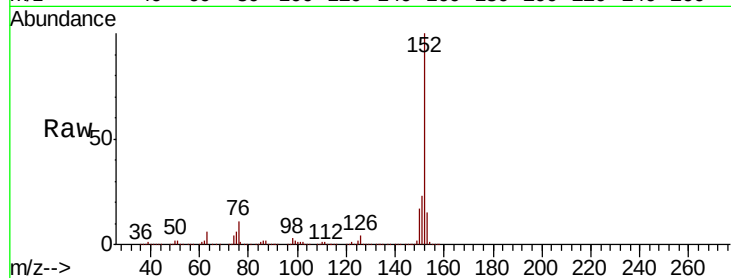
ClientSampleId :

PB119779BSD

Tot Ion:	152	Resp:	3031859
Ion	Ratio	Lower	Upper
152	100		
151	22.6	18.3	27.5
153	14.9	12.2	18.4

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#50

Dimethylphthalate

Concen: 36.014 ng

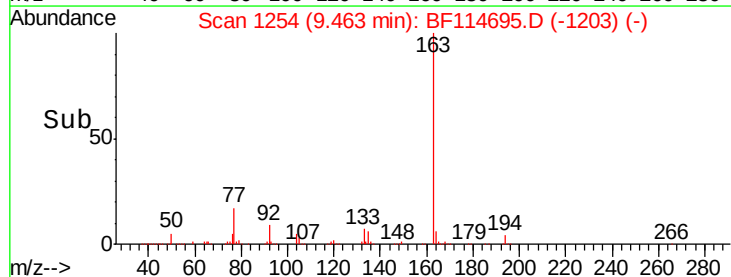
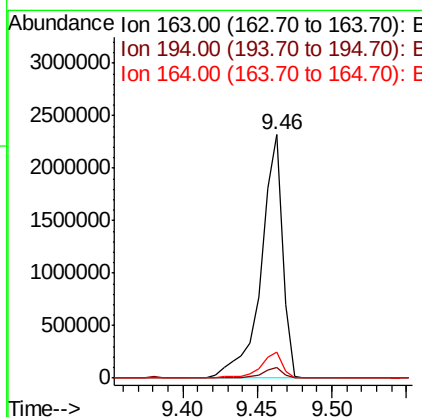
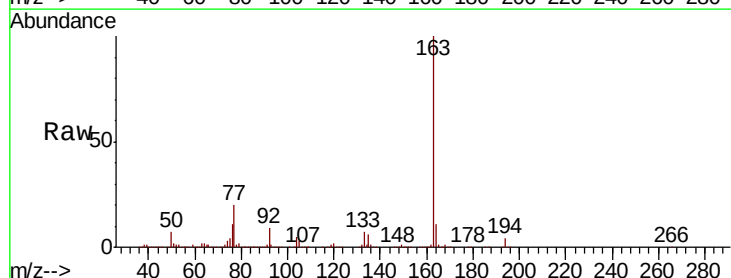
RT: 9.46 min Scan# 1254

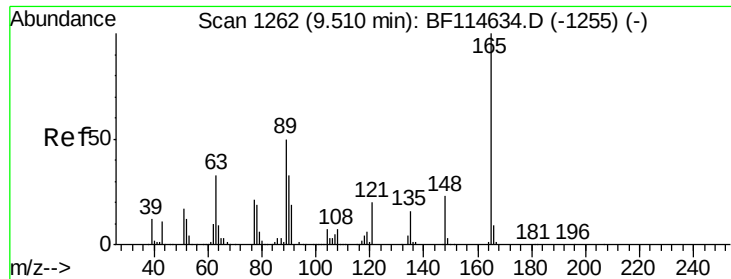
Delta R.T. -0.00 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

Tgt Ion:	163	Resp:	2282410
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.8	9.1	13.7





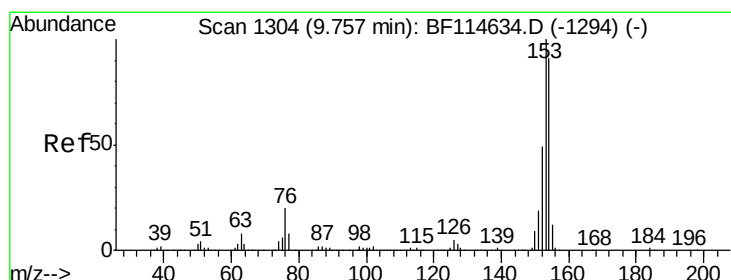
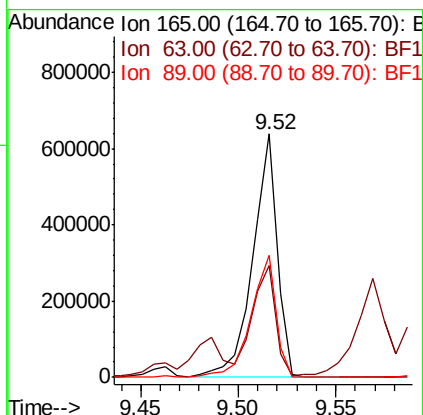
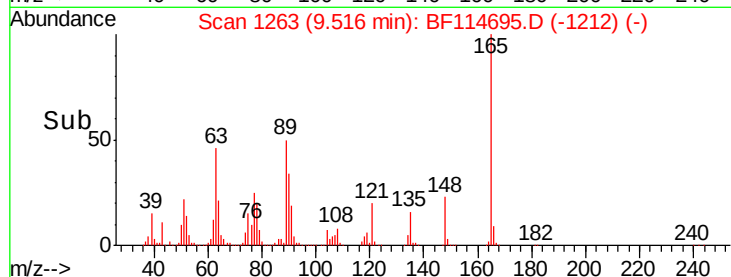
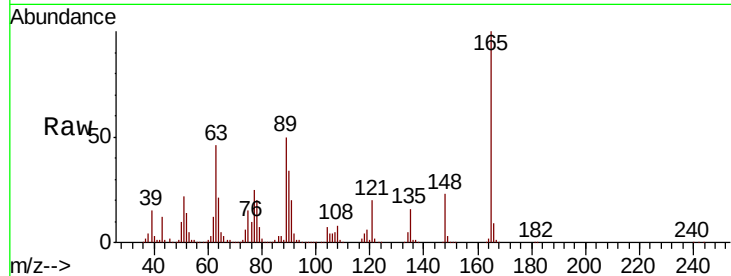
#51
 2,6-Dinitrotoluene
 Concen: 37.658 ng
 RT: 9.52 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BF114695.D
 Acq: 31 May 2019 9:21

Instrument :
 BNA_F
 ClientSampleId :
 PB119779BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	554560		
63	46.1		40.7	61.1
89	50.2		42.6	63.8

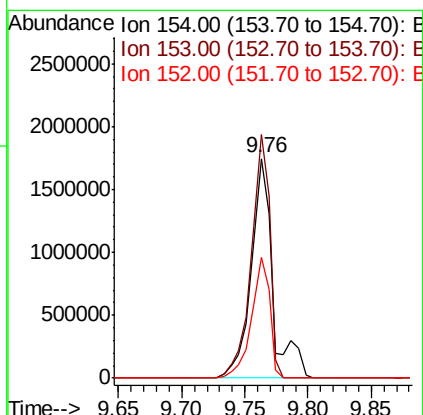
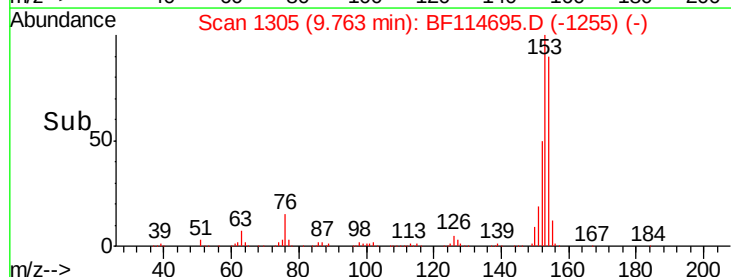
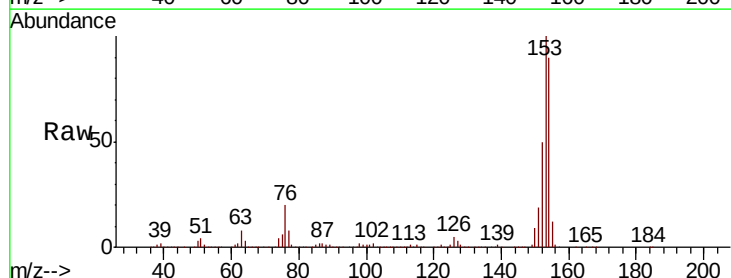
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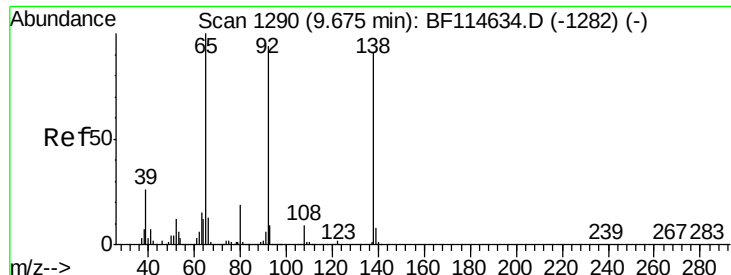
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#52
 Acenaphthene
 Concen: 39.530 ng m
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF114695.D
 Acq: 31 May 2019 9:21

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	2074169		
153	110.7		89.0	133.6
152	55.0		43.8	65.6





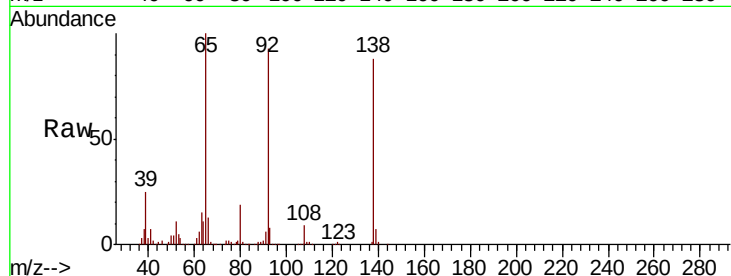
#53
 3-Nitroaniline
 Concen: 22.122 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF114695.D
 Acq: 31 May 2019 9:21

Instrument :
 BNA_F
 ClientSampleId :
 PB119779BSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	398714		
108	10.0	8.1	12.1	
92	106.1	84.2	126.4	

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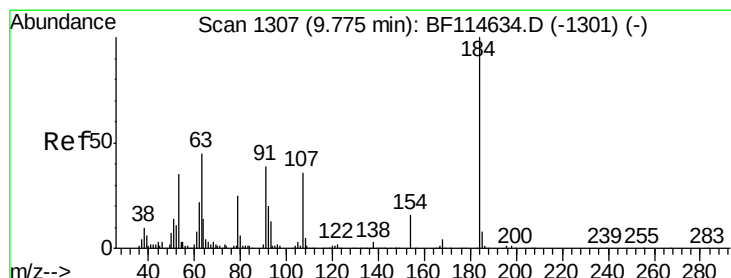
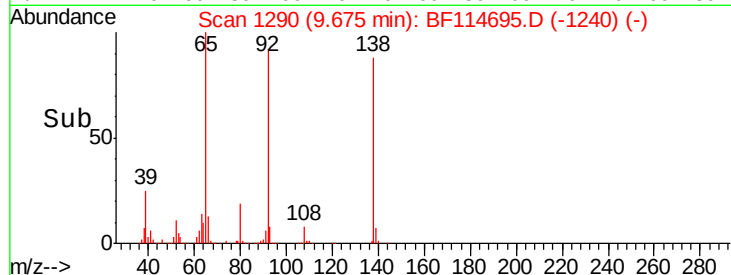
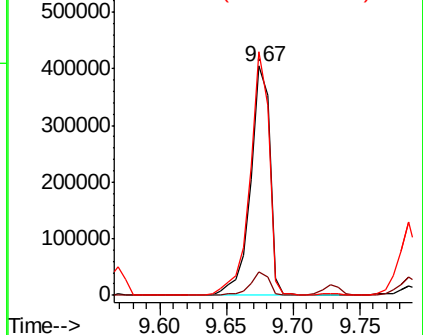


Abundance

Ion 138.00 (137.70 to 138.70): E

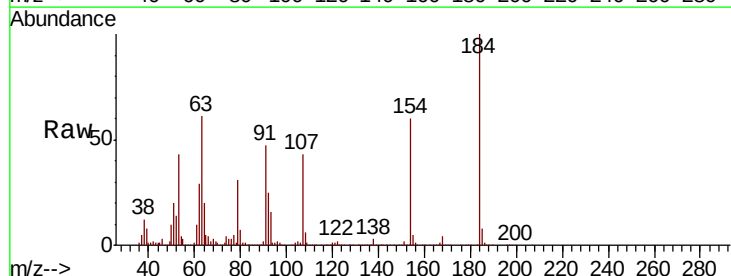
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
 2,4-Dinitrophenol
 Concen: 88.949 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.00 min
 Lab File: BF114695.D
 Acq: 31 May 2019 9:21

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	516673		
63	60.8	47.2	70.8	
154	59.6	46.7	70.1	

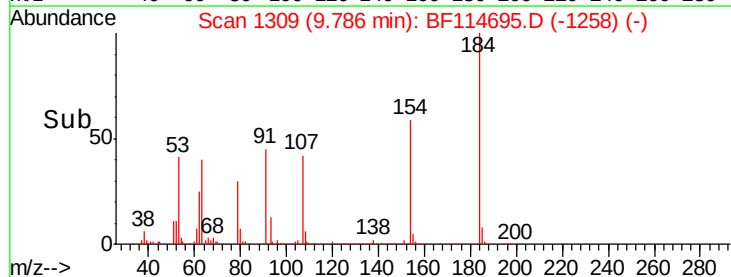
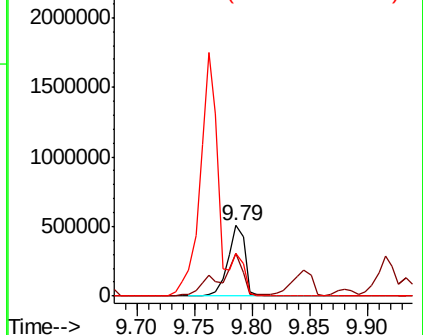


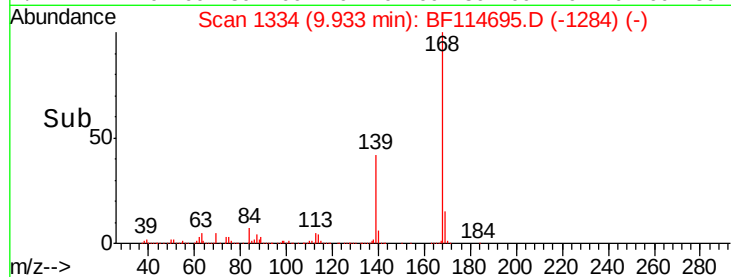
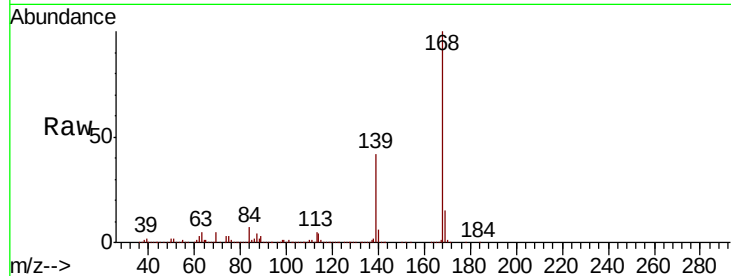
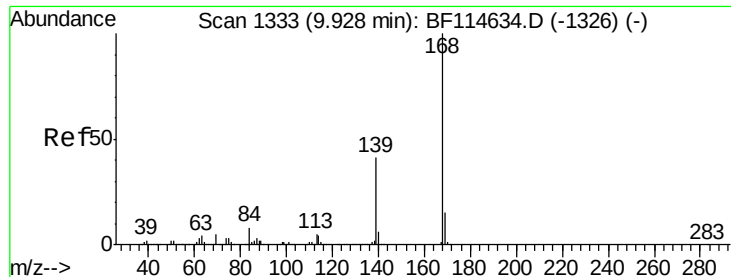
Abundance

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





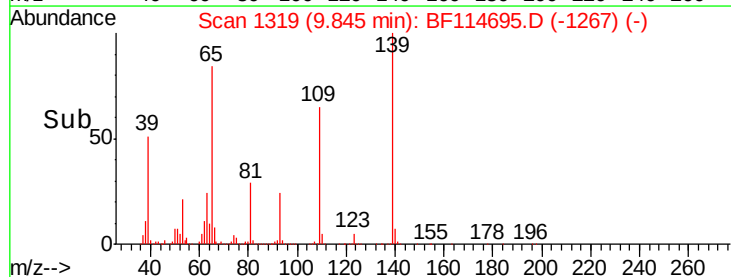
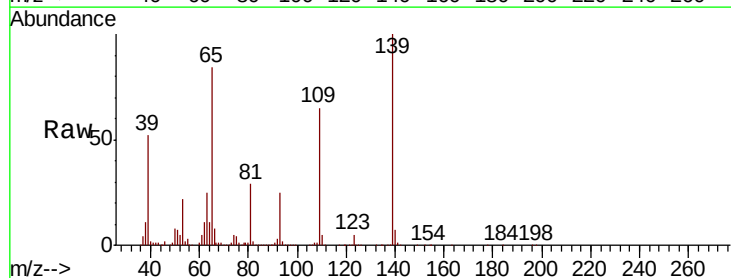
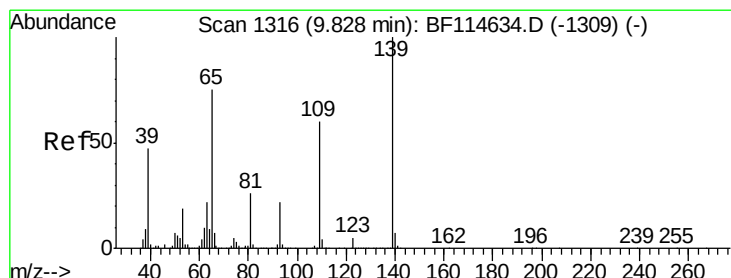
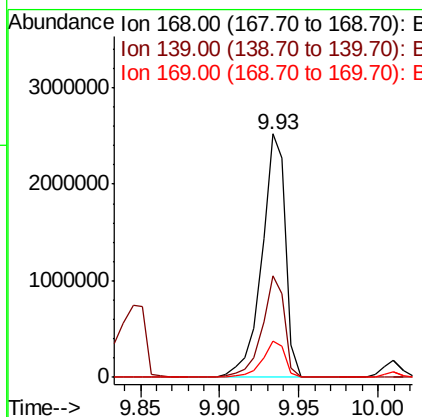
#55
Dibenzofuran
Concen: 35.110 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.7	32.2	48.4
169	15.0	11.8	17.6

Instrument :
BNA_F
ClientSampleId :
PB119779BSD

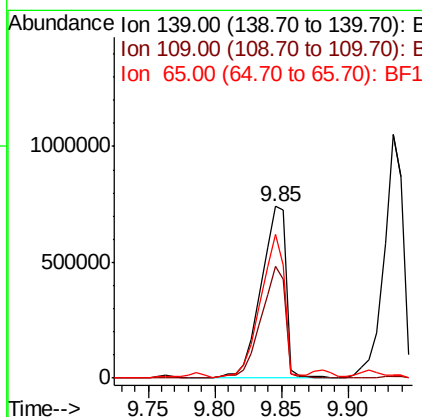
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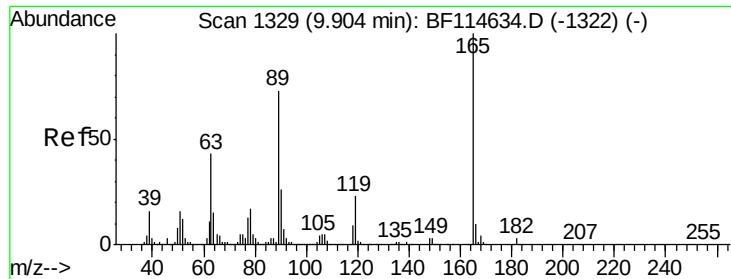
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#56
4-Nitrophenol
Concen: 71.516 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.4	41.9	81.9
65	84.1	62.7	102.7





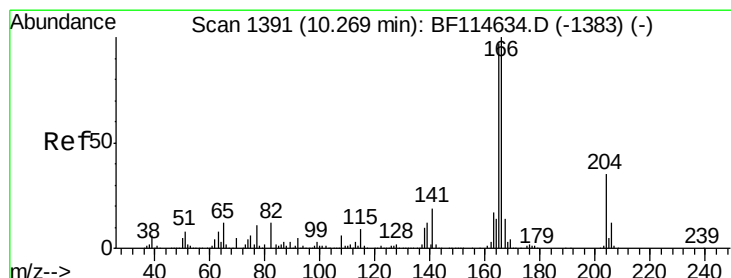
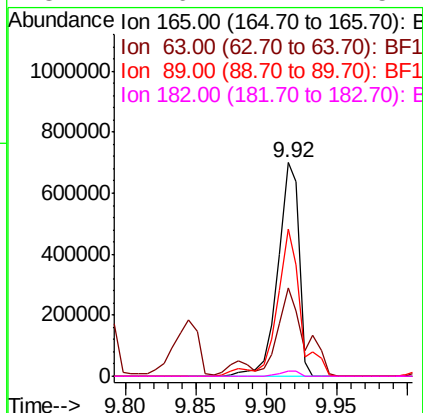
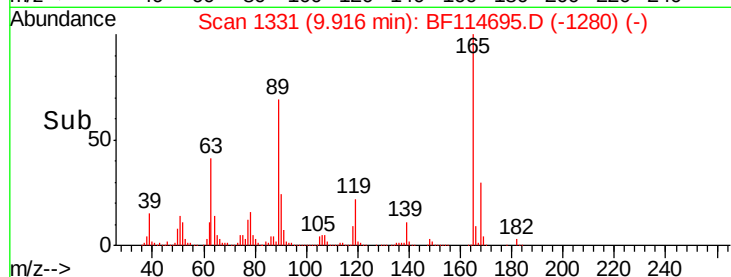
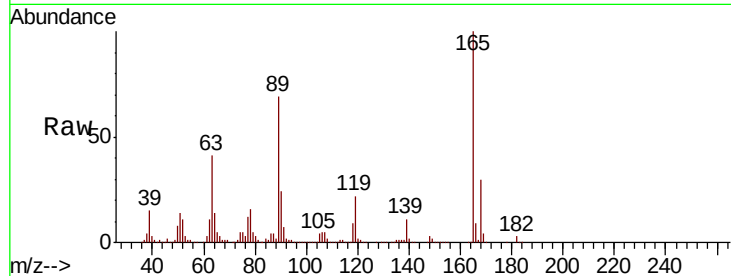
#57
2,4-Dinitrotoluene
Concen: 38.409 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Instrument :
BNA_F
ClientSampleId :
PB119779BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	725917		
63	41.3	32.5	48.7	
89	68.9	54.9	82.3	
182	2.6	2.2	3.2	

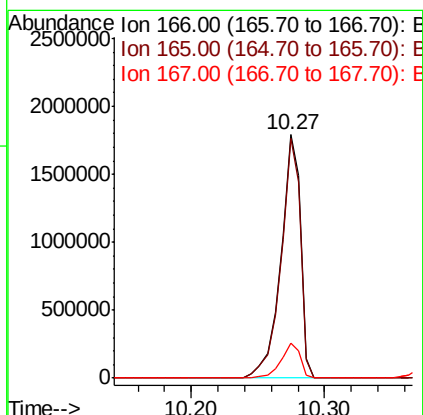
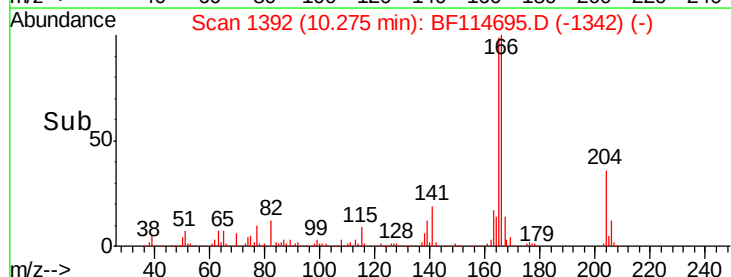
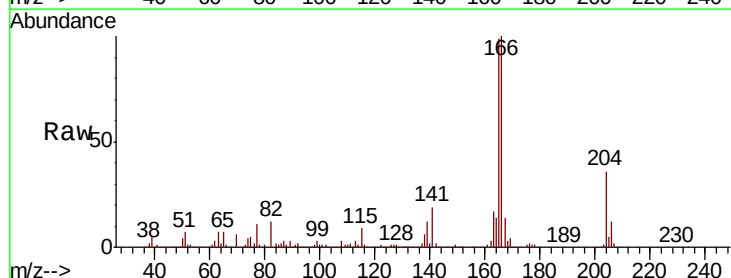
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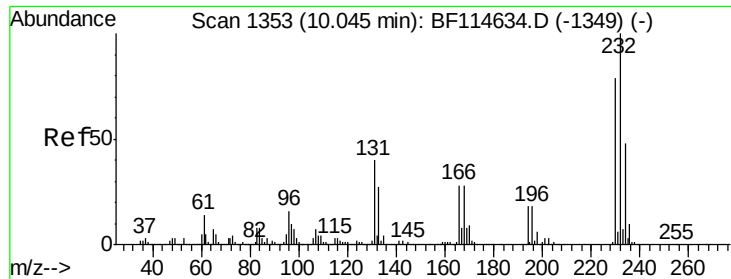
mohammad
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#58
Fluorene
Concen: 35.463 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1860078		
165	98.7	78.6	118.0	
167	14.3	10.7	16.1	





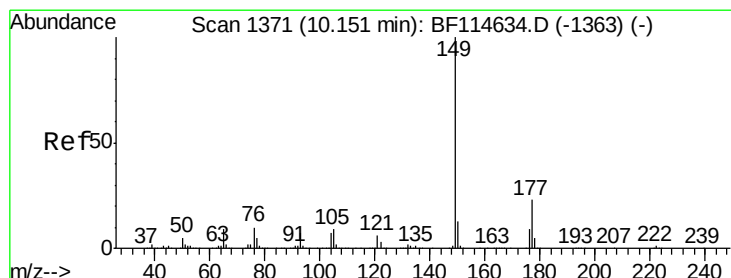
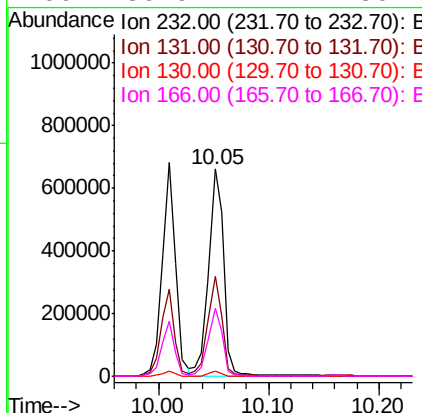
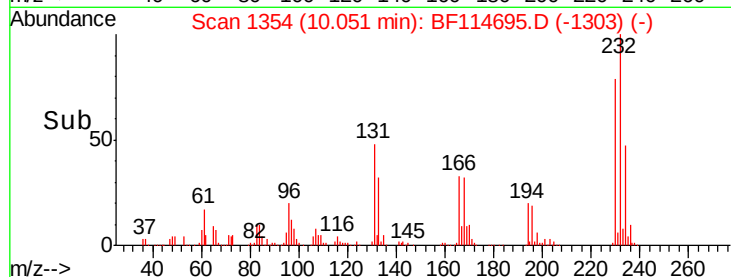
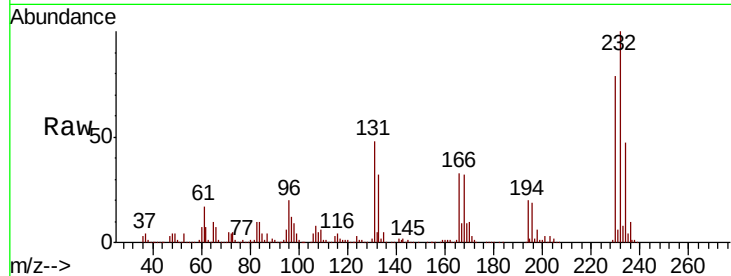
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.145 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Instrument :
BNA_F
ClientSampleId :
PB119779BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	609354		
131	45.0		36.2	54.2
130	2.1		1.8	2.6
166	30.9		24.1	36.1

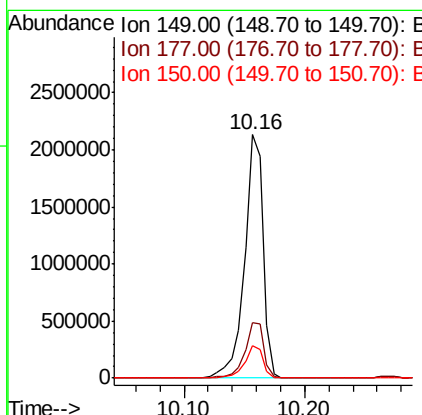
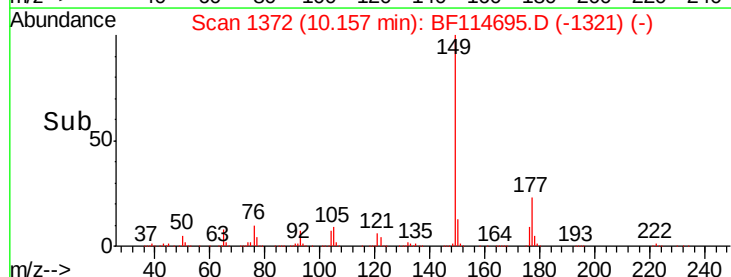
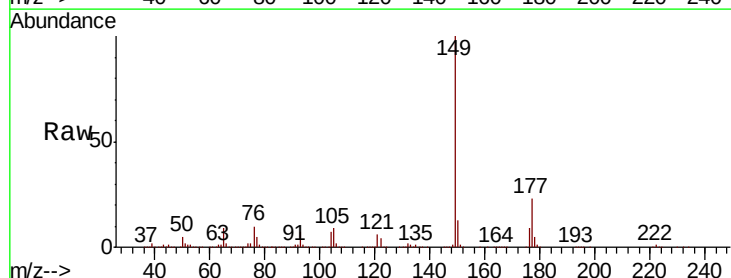
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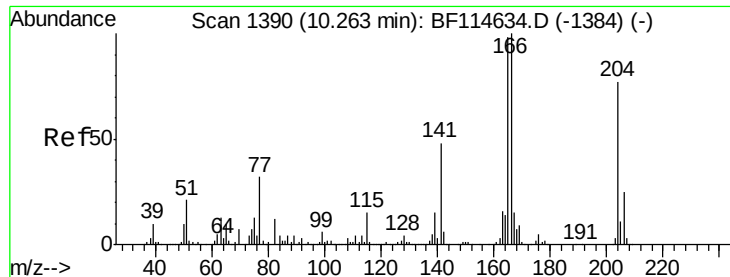
mohammad
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#60
Diethylphthalate
Concen: 35.279 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	2283579		
177	23.0		19.0	28.6
150	13.4		10.9	16.3





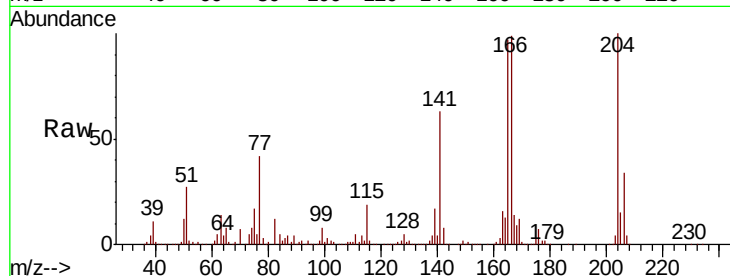
#61
4-Chlorophenyl-phenylether
Concen: 35.520 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Instrument :
BNA_F
ClientSampled :
PB119779BSD

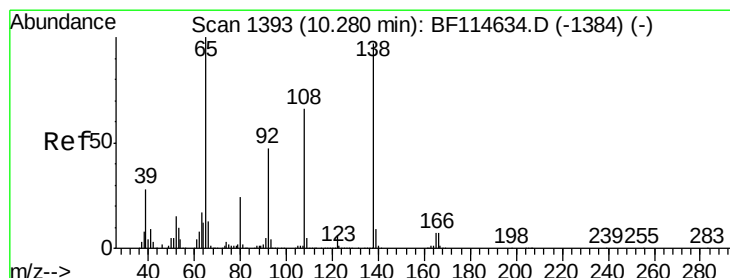
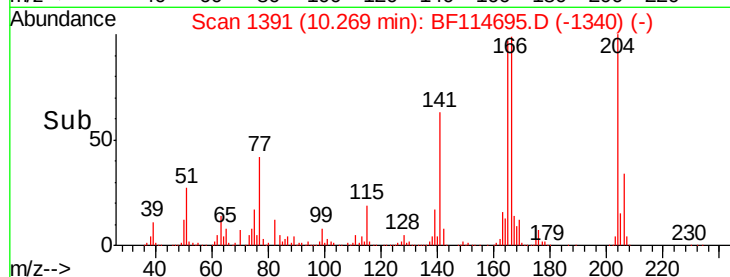
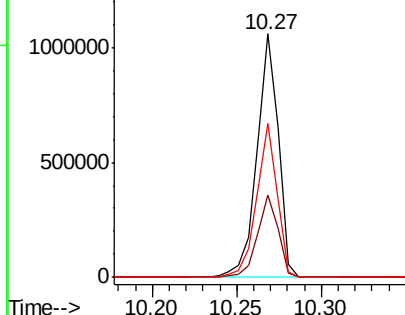
Tot Ion:	204	Resp:	938969
Ion Ratio	Lower	Upper	
204	100		
206	33.8	26.5	39.7
141	63.3	50.2	75.4

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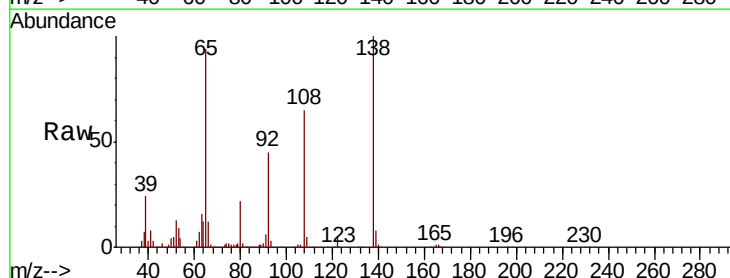


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

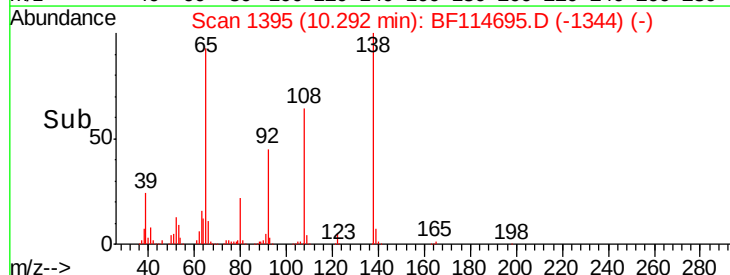
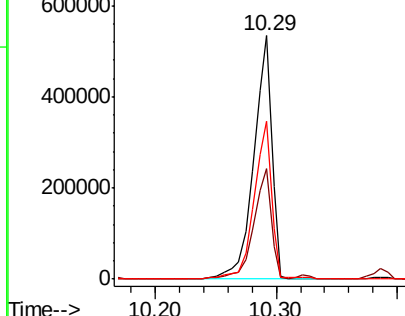


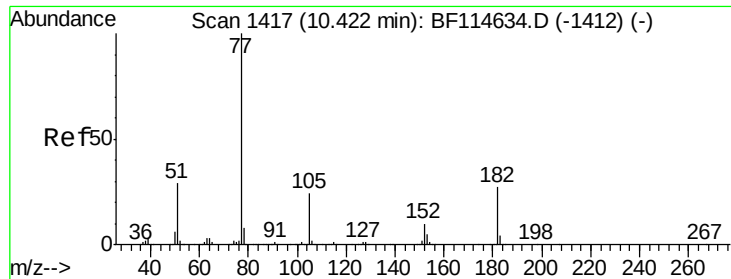
#62
4-Nitroaniline
Concen: 32.135 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Tgt Ion:	138	Resp:	564374
Ion Ratio	Lower	Upper	
138	100		
92	45.1	27.1	67.1
108	64.7	45.4	85.4



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





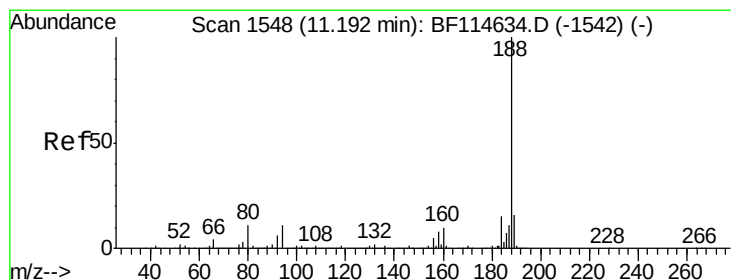
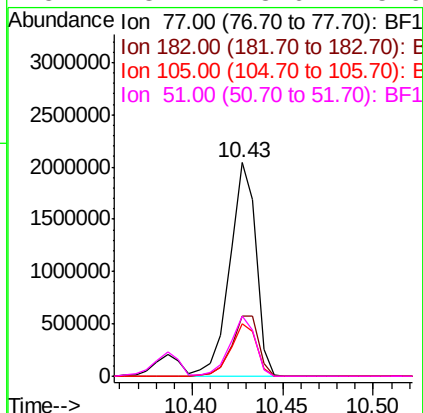
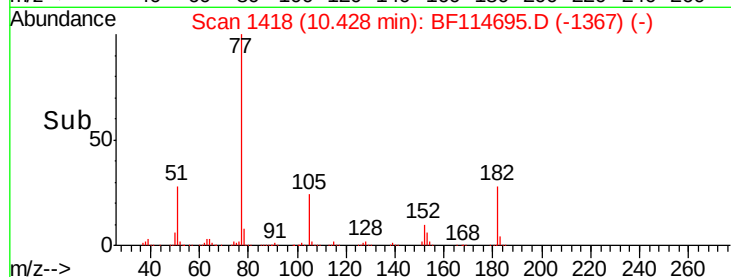
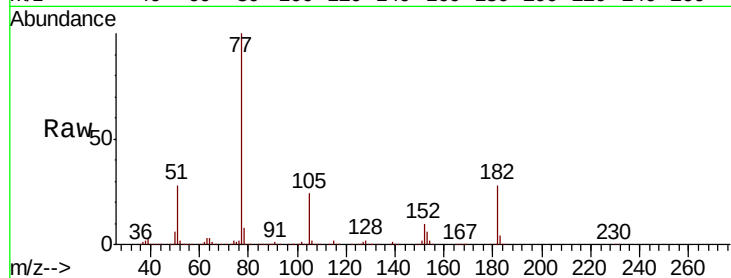
#63
Azobenzene
Concen: 34.438 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Instrument :
BNA_F
ClientSampleId :
PB119779BSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.3	8.1	48.1	
105	24.4	4.7	44.7	
51	28.1	8.6	48.6	

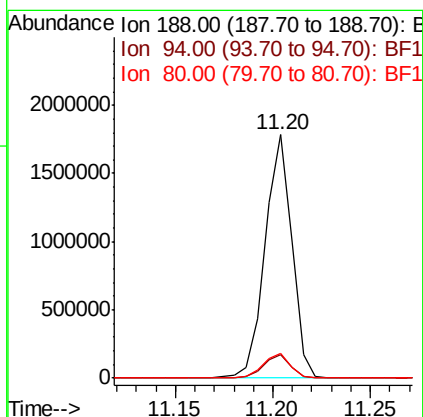
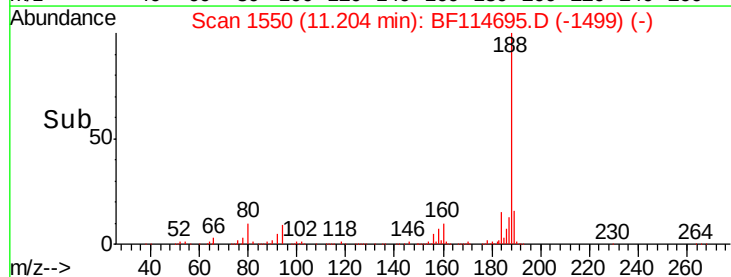
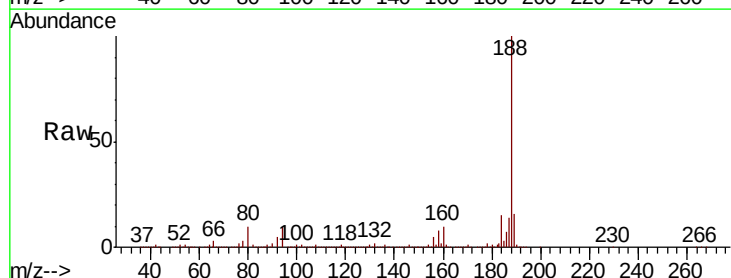
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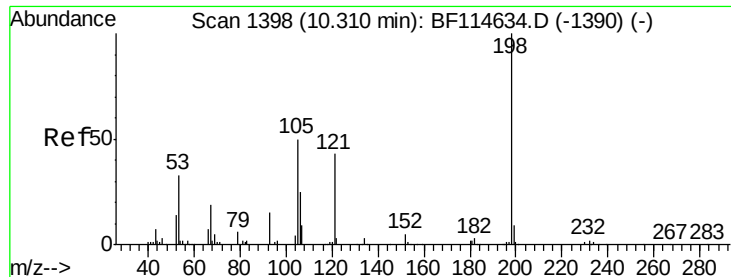
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.6	7.6	11.4	
80	10.0	8.2	12.2	





#65

4,6-Dinitro-2-methylphenol

Concen: 41.894 ng

RT: 10.33 min Scan# 1401

Delta R.T. -0.00 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

Instrument :

BNA_F

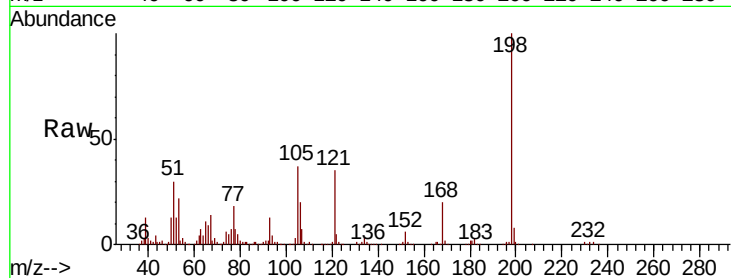
ClientSampleId :

PB119779BSD

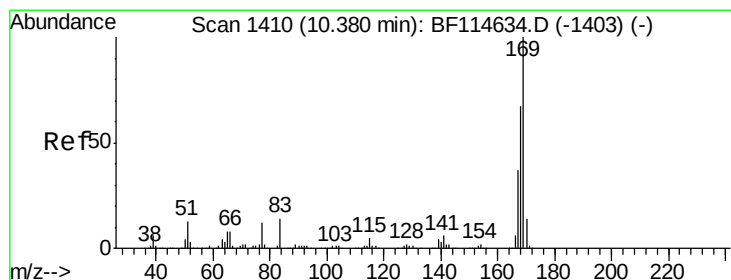
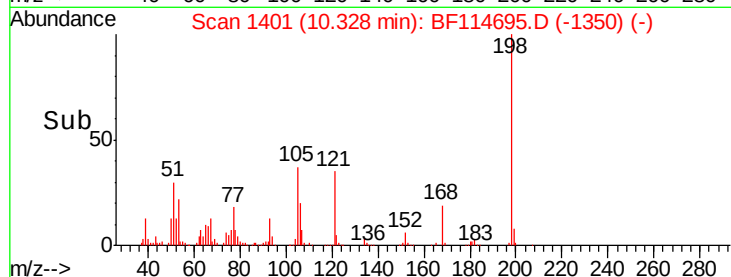
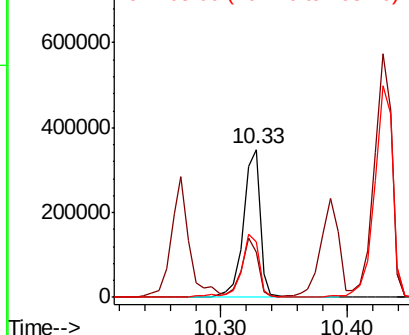
Tot Ion:	198	Resp:	315425
Ion Ratio	Lower	Upper	
198	100		
51	30.2	16.4	56.4
105	37.4	21.6	61.6

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.285 ng

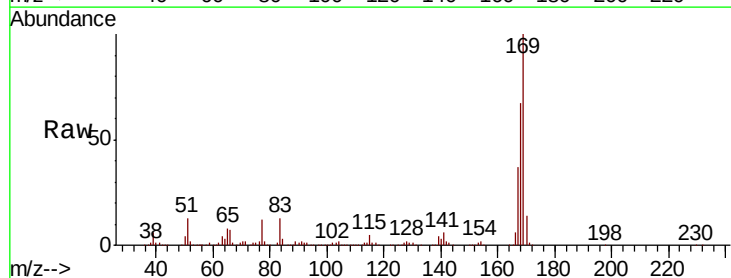
RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

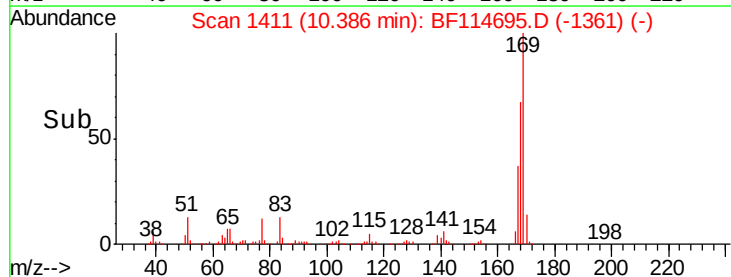
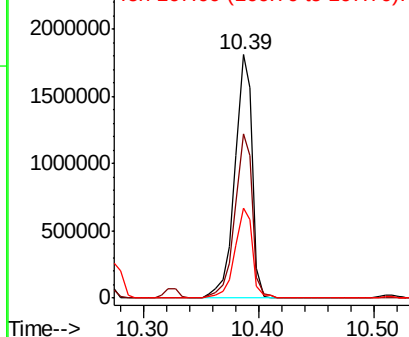
Lab File: BF114695.D

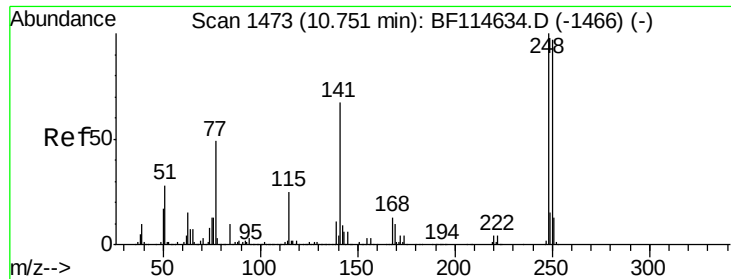
Acq: 31 May 2019 9:21

Tgt Ion:	169	Resp:	1870490
Ion Ratio	Lower	Upper	
169	100		
168	67.4	54.0	81.0
167	37.1	29.9	44.9



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





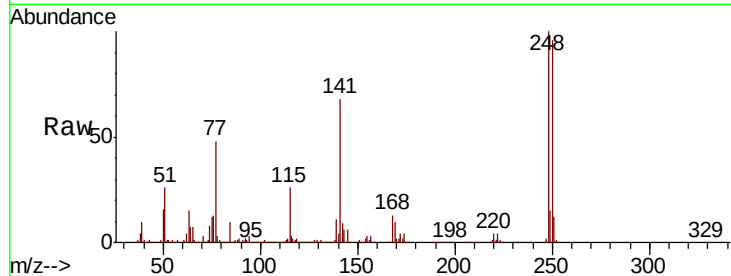
#67
4-Bromophenyl-phenylether
Concen: 35.766 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.00 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Instrument :
BNA_F
ClientSampleID :
PB119779BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.3	76.8	115.2
141	68.3	56.6	84.8

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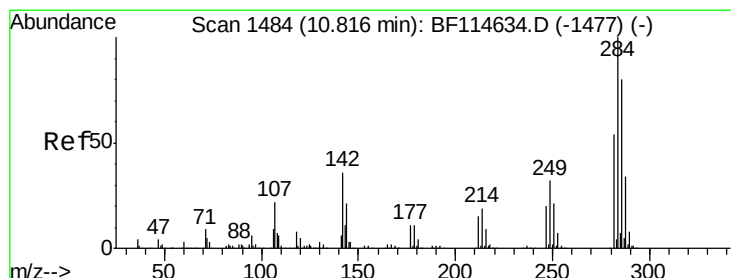
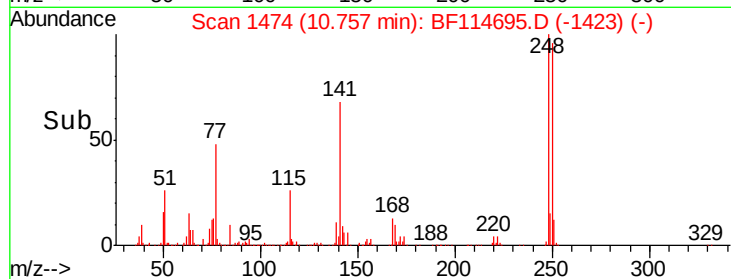
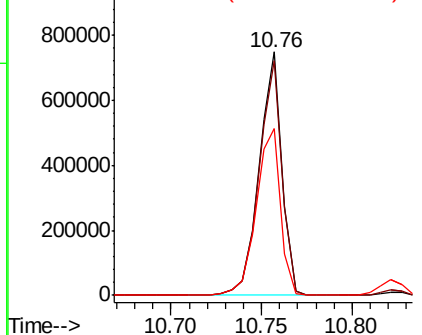


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 35.098 ng
RT: 10.83 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

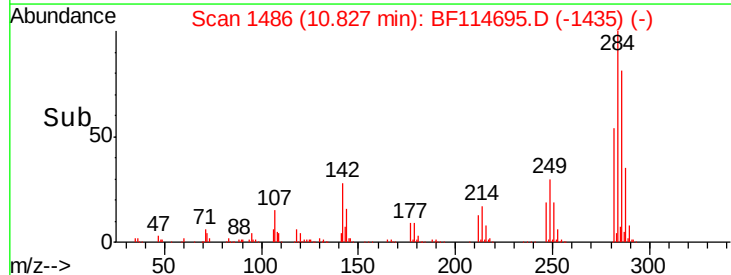
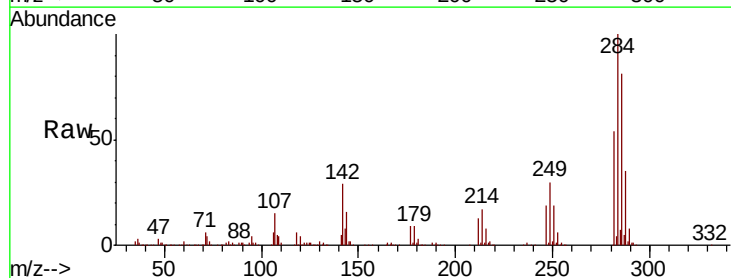
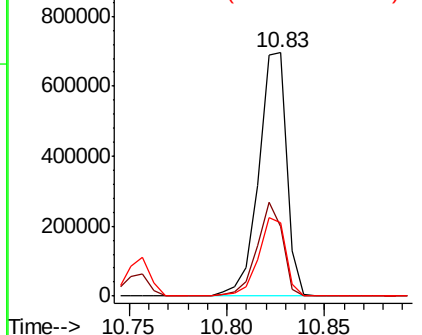
Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.7	25.0	37.6
249	30.1	25.1	37.7

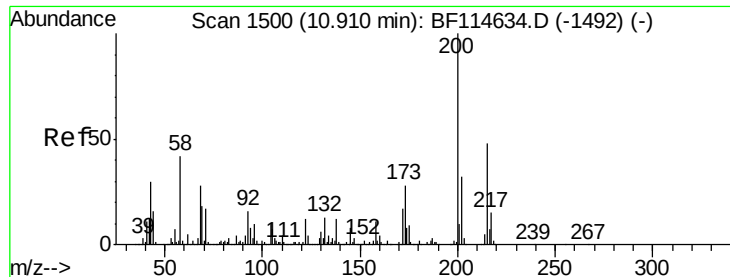
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





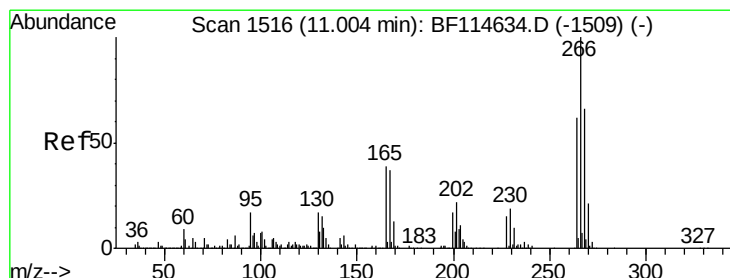
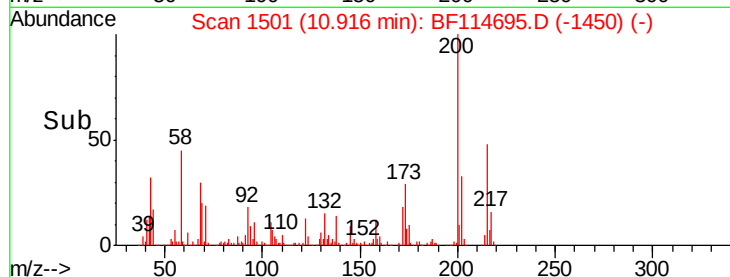
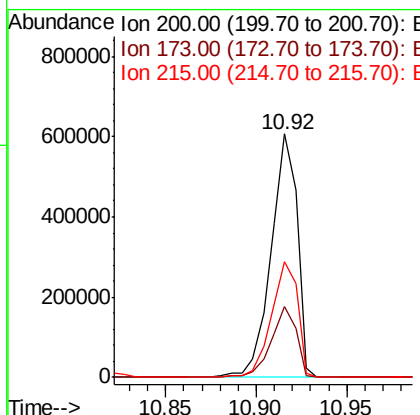
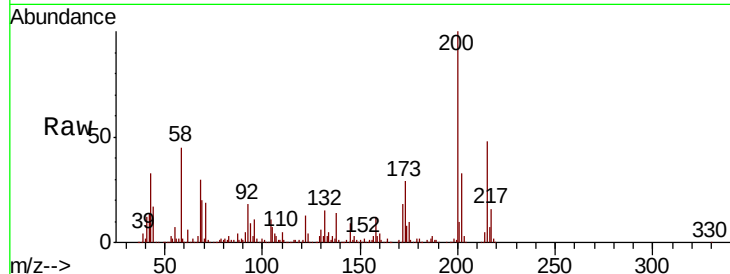
#69
Atrazine
Concen: 36.948 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Instrument :
BNA_F
ClientSampleId :
PB119779BSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	606034		
173	28.9	8.5	48.5	
215	47.7	27.2	67.2	

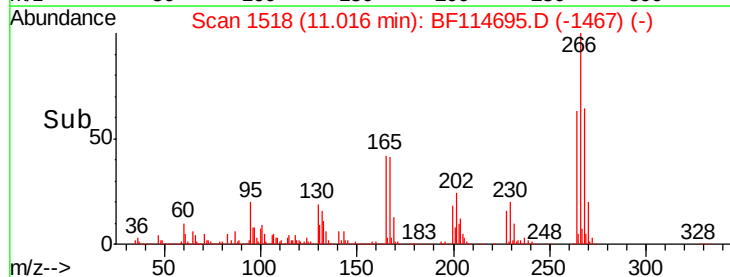
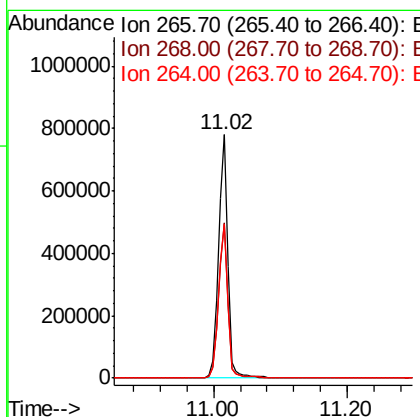
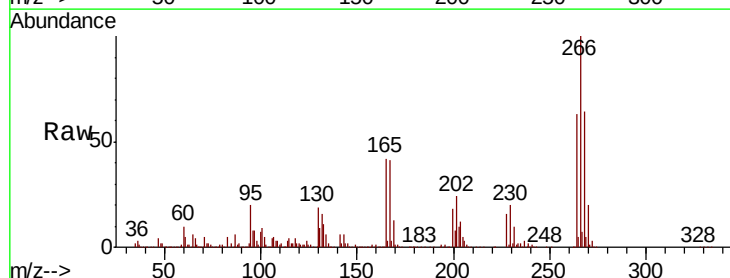
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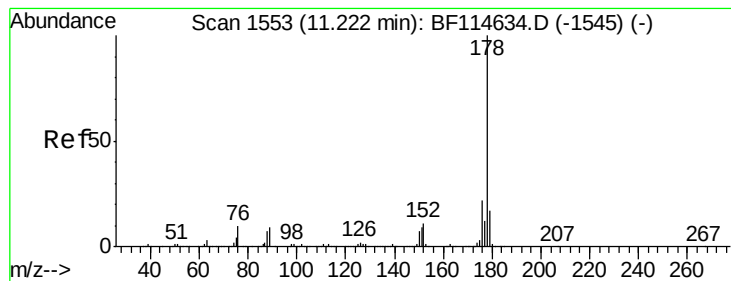
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#70
Pentachlorophenol
Concen: 68.354 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	777105		
268	63.9	52.6	78.8	
264	63.4	49.6	74.4	





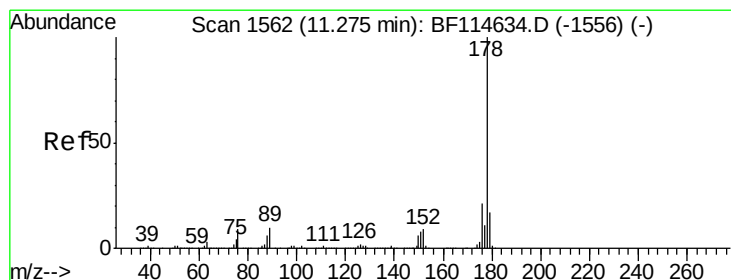
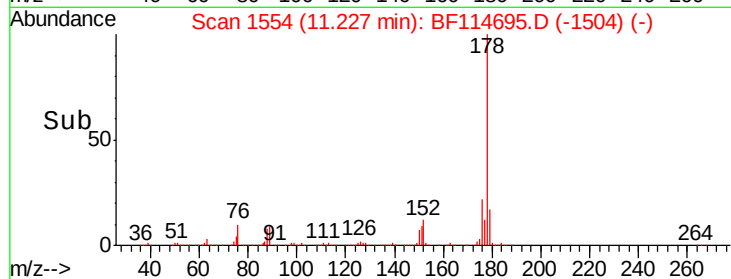
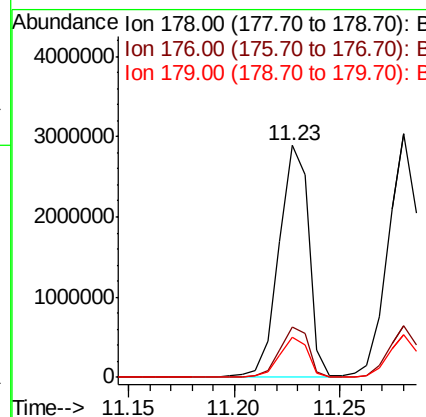
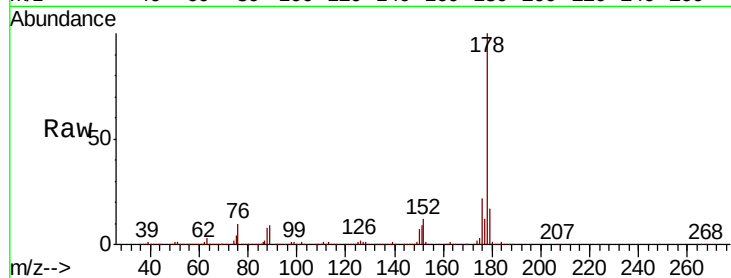
#71
Phenanthrene
Concen: 33.020 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Instrument :
BNA_F
ClientSampleId :
PB119779BSD

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	21.6	17.4	26.2	
179	17.4	13.6	20.4	

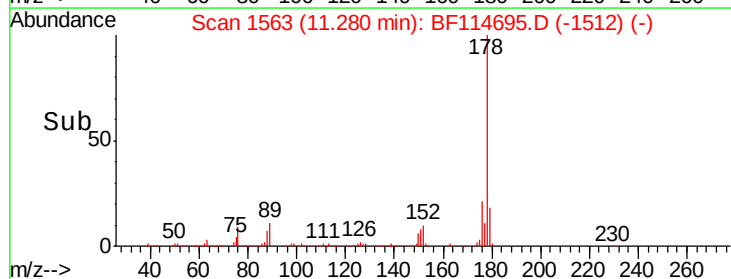
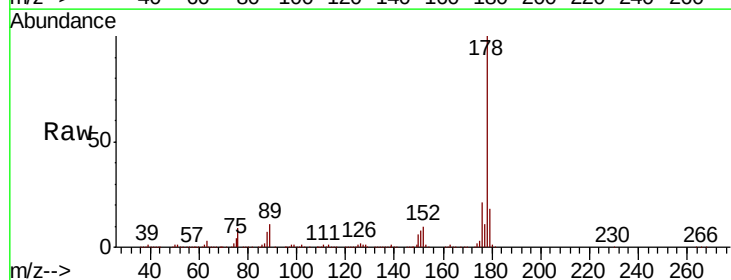
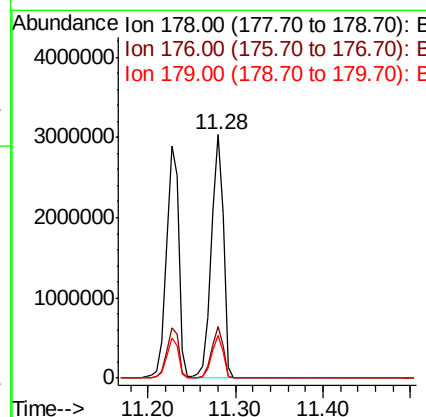
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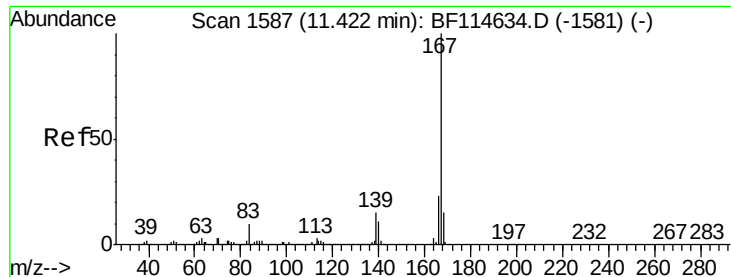
mohammad
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#72
Anthracene
Concen: 33.394 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.00 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Tgt Ion	Ion	Ratio	Lower	Upper
178	100			
176	21.2	17.1	25.7	
179	17.7	14.2	21.2	





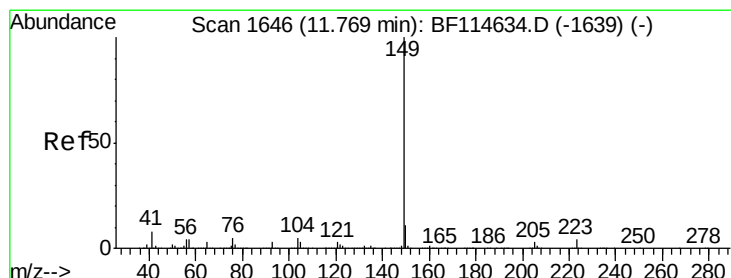
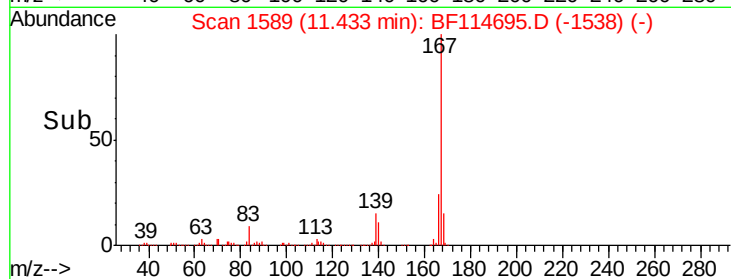
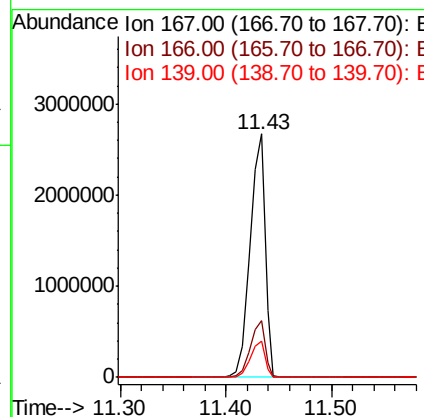
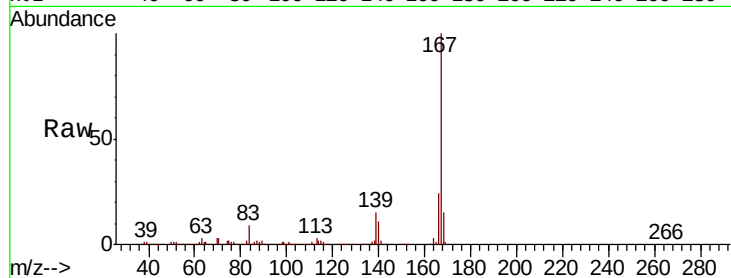
#73
 Carbazole
 Concen: 34.015 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: BF114695.D
 Acq: 31 May 2019 9:21

Instrument :
 BNA_F
 ClientSampleId :
 PB119779BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.5	19.0	28.4
139	14.7	11.9	17.9

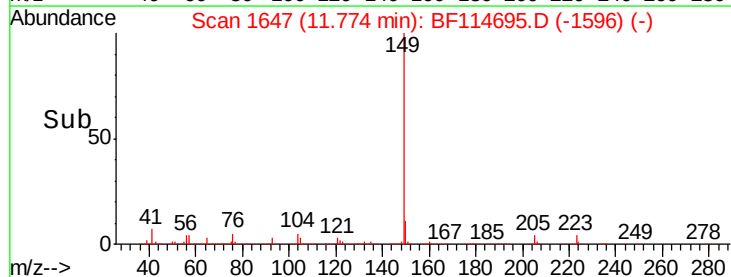
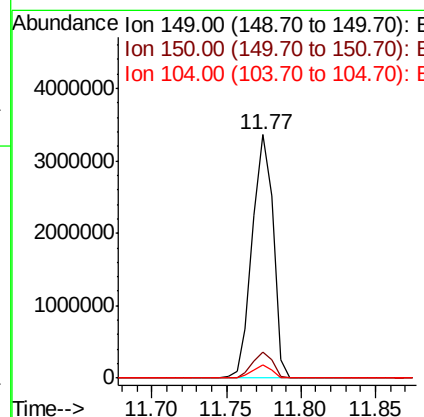
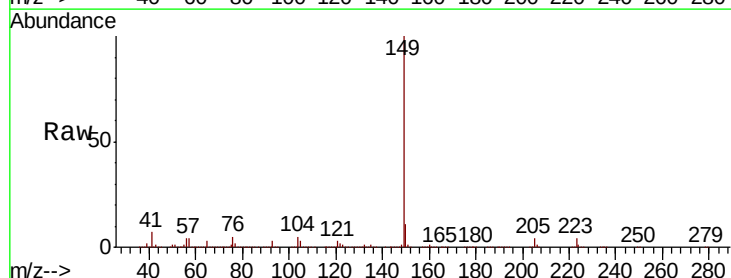
Manual Integrations
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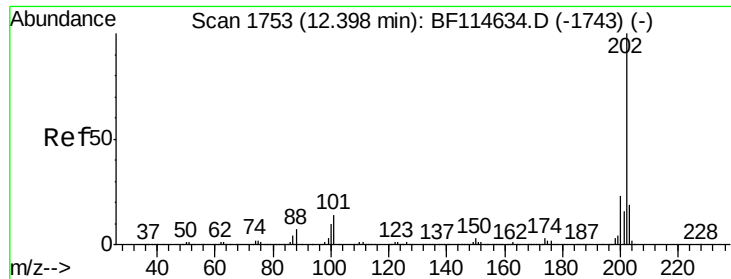
mohammad
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#74
 Di-n-butylphthalate
 Concen: 32.466 ng
 RT: 11.77 min Scan# 1647
 Delta R.T. -0.00 min
 Lab File: BF114695.D
 Acq: 31 May 2019 9:21

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.8	9.0	13.6
104	5.3	4.6	6.8





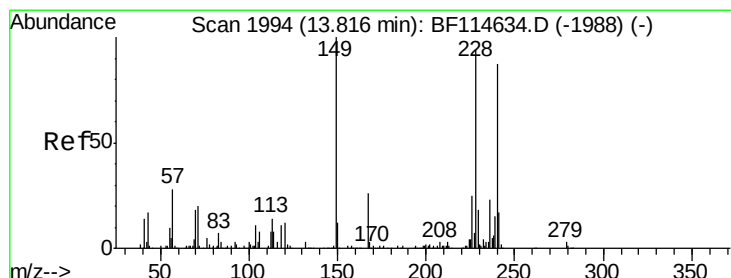
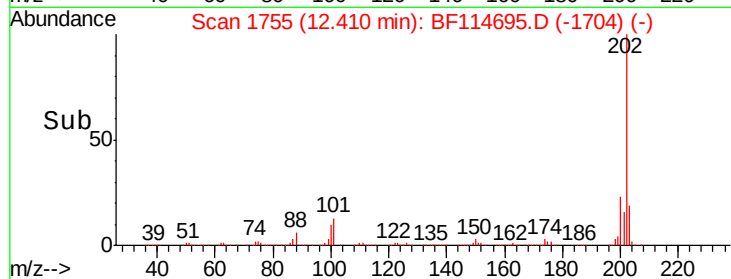
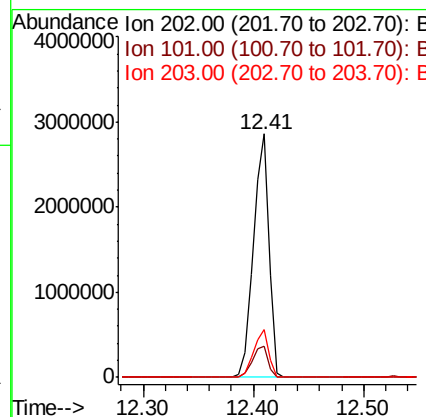
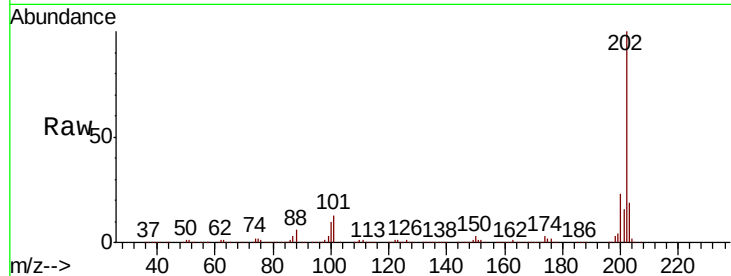
#75
Fluoranthene
Concen: 31.499 ng
RT: 12.41 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Instrument :
BNA_F
ClientSampleId :
PB119779BSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	2825180		
101	13.0		0.0	33.5
203	19.4		0.1	40.1

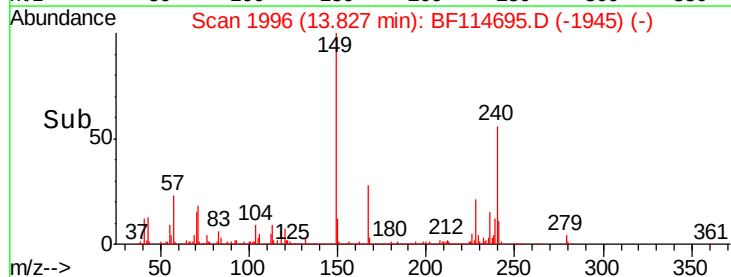
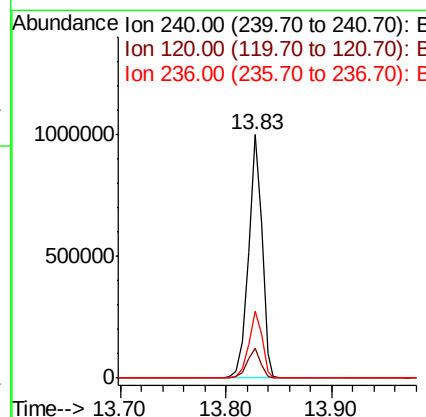
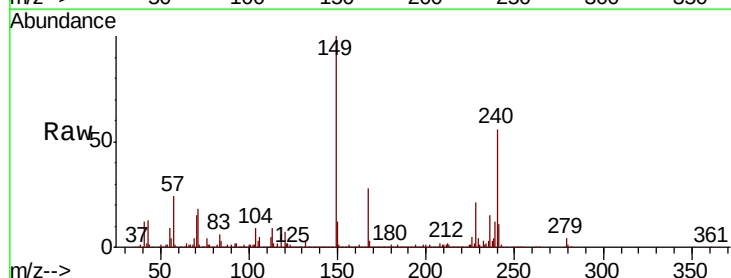
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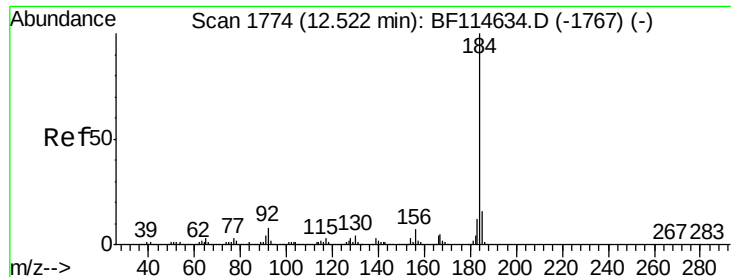
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	869131		
120	12.5		10.8	16.2
236	27.4		21.9	32.9





#77

Benzidine

Concen: 47.705 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.00 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

Instrument :

BNA_F

ClientSampleId :

PB119779BSD

Tot Ion:184 Resp: 1707320

Ion Ratio Lower Upper

184 100

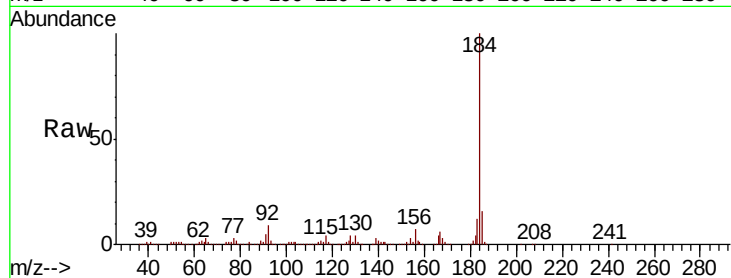
185 15.6 12.7 19.1

183 12.4 9.8 14.6

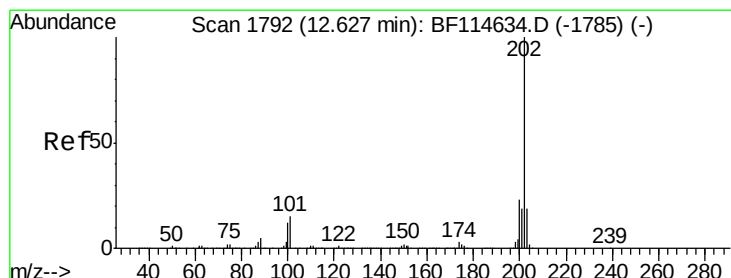
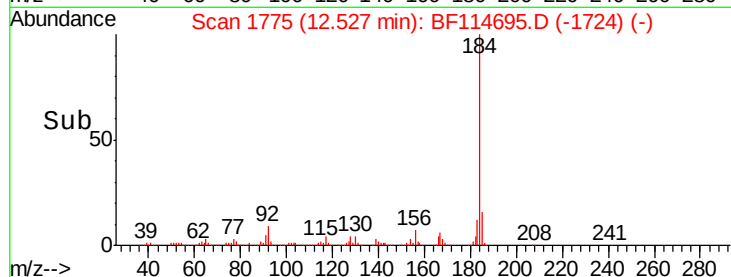
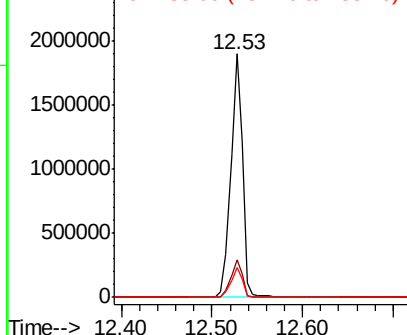
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.523 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

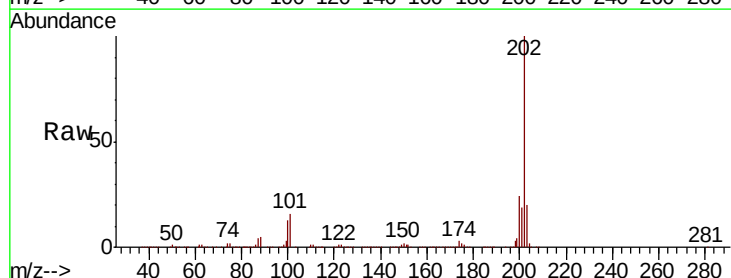
Tgt Ion:202 Resp: 2832312

Ion Ratio Lower Upper

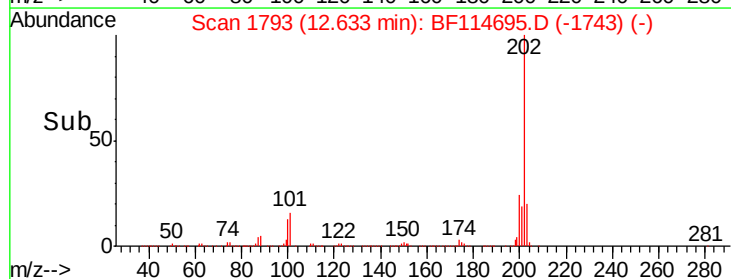
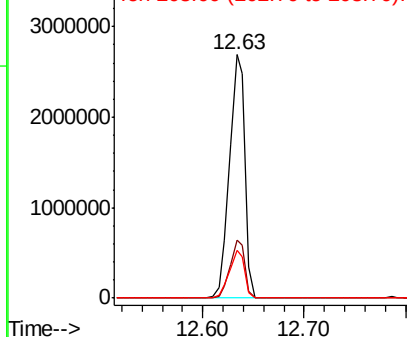
202 100

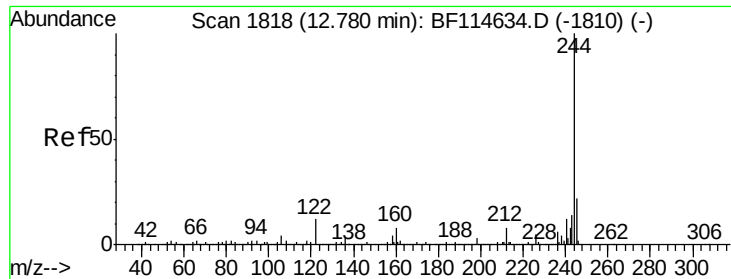
200 23.8 19.0 28.4

203 19.7 15.5 23.3



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





#79

Terphenyl-d14

Concen: 86.495 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

Instrument :

BNA_F

ClientSampleId :

PB119779BSD

Tot Ion:244 Resp: 3998376

Ion Ratio Lower Upper

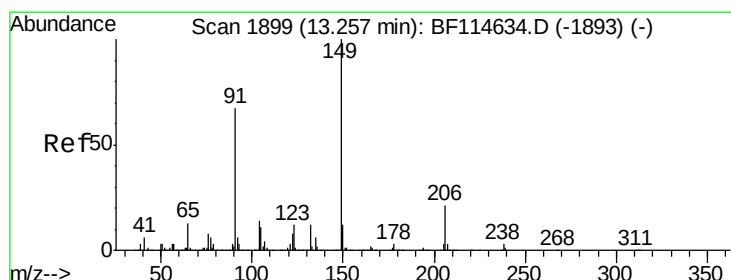
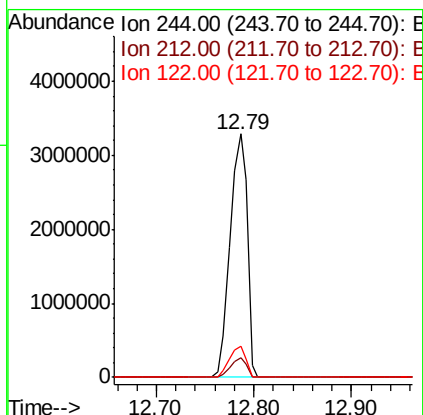
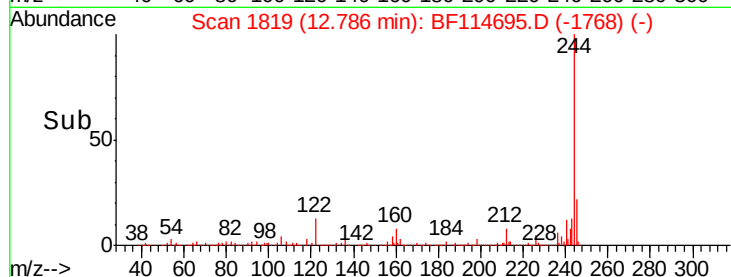
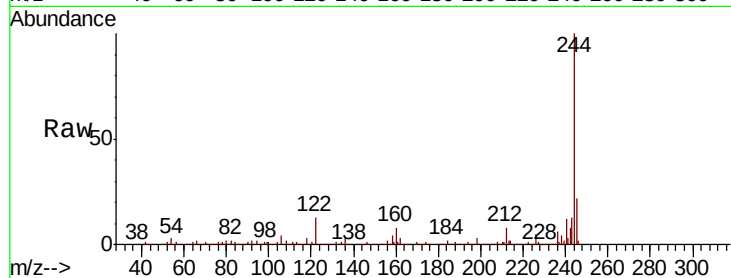
244 100

212 7.9 6.3 9.5

122 12.7 10.2 15.2

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#80

Butylbenzylphthalate

Concen: 37.961 ng

RT: 13.26 min Scan# 1900

Delta R.T. -0.00 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

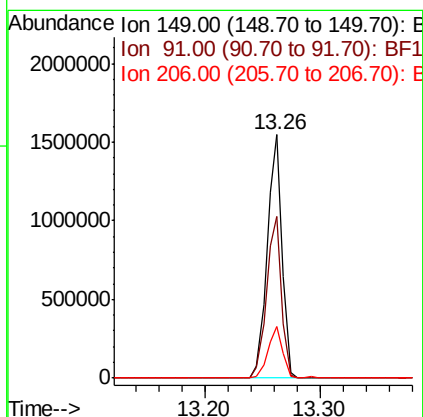
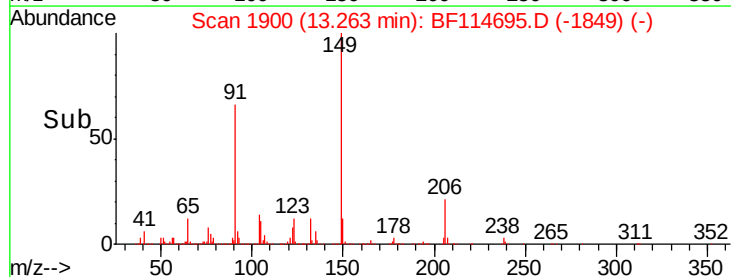
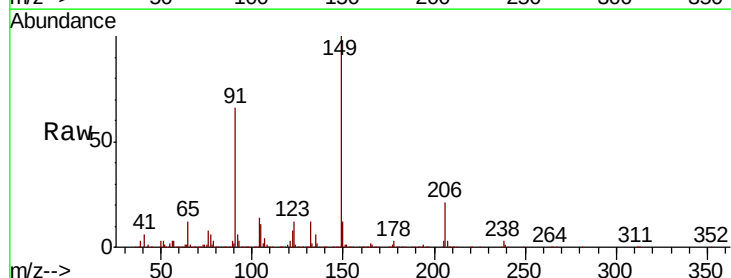
Tgt Ion:149 Resp: 1402628

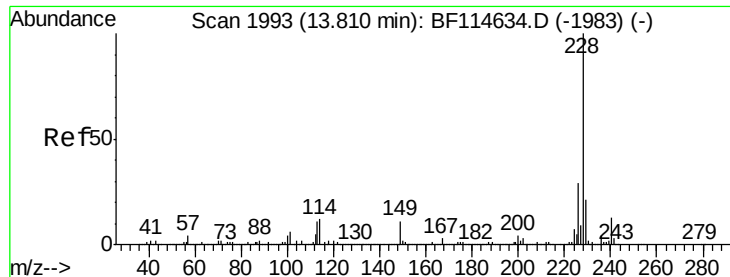
Ion Ratio Lower Upper

149 100

91 66.2 53.6 80.4

206 21.2 17.1 25.7





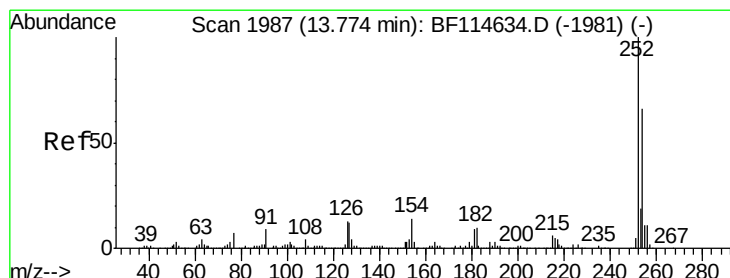
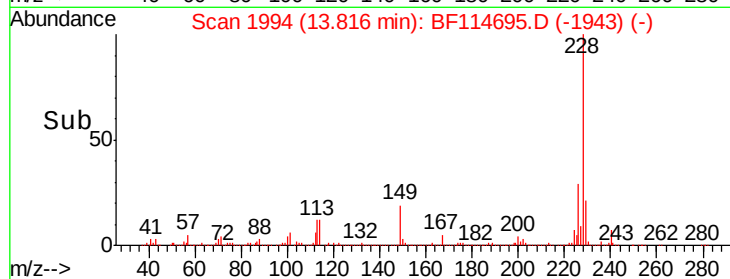
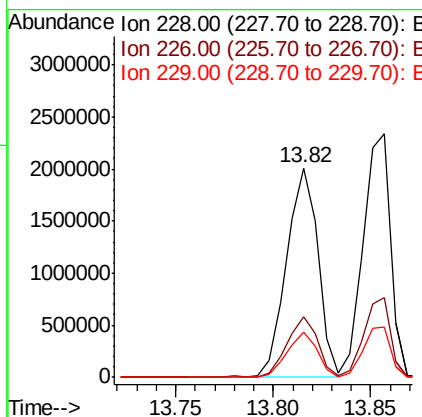
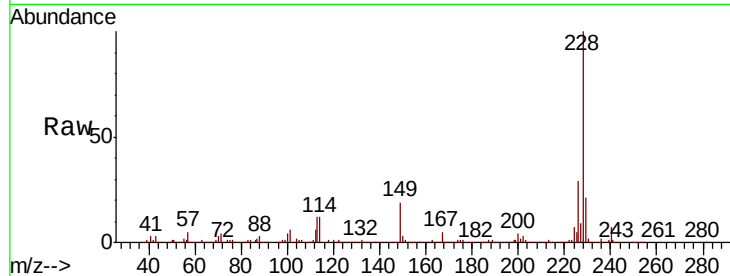
#81
Benzo(a)anthracene
Concen: 33.680 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Instrument :
BNA_F
ClientSampleId :
PB119779BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.8	34.2
229	21.3	17.0	25.6

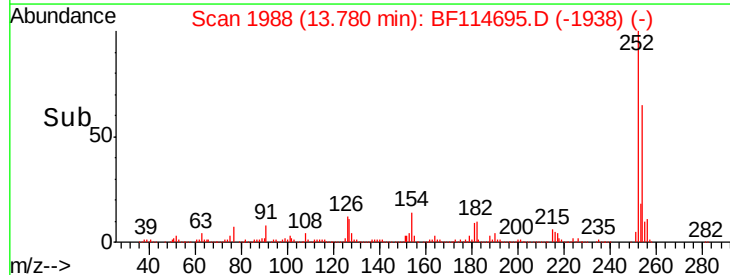
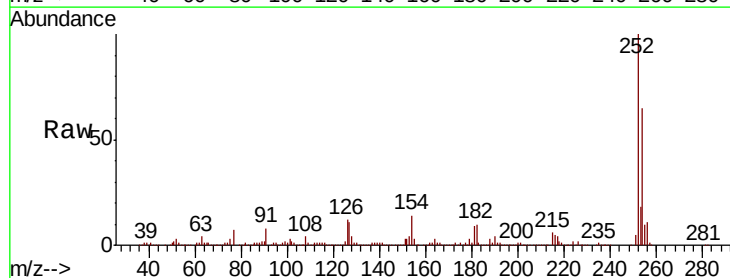
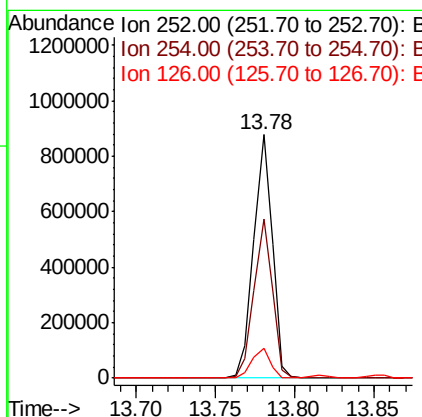
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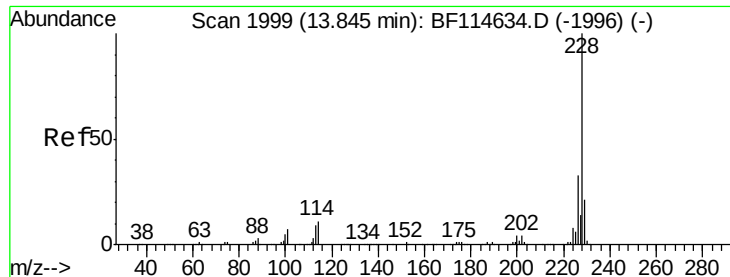
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#82
3,3'-Dichlorobenzidine
Concen: 27.992 ng
RT: 13.78 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.4	51.7	77.5
126	12.2	8.2	12.2





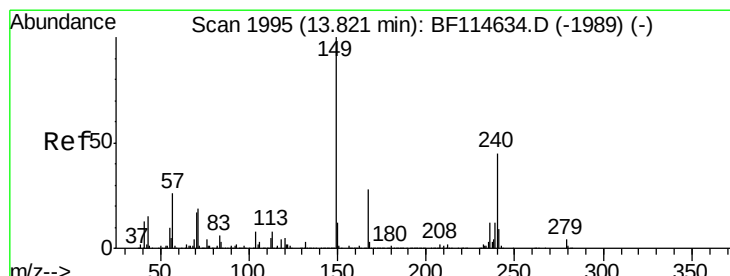
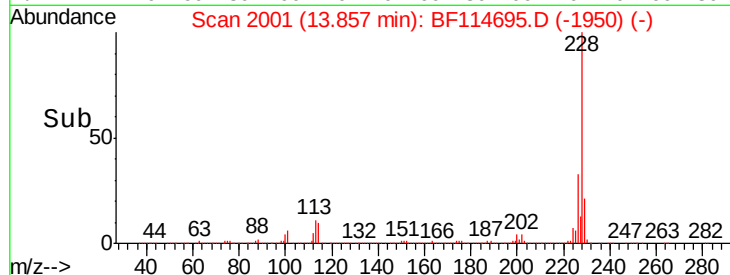
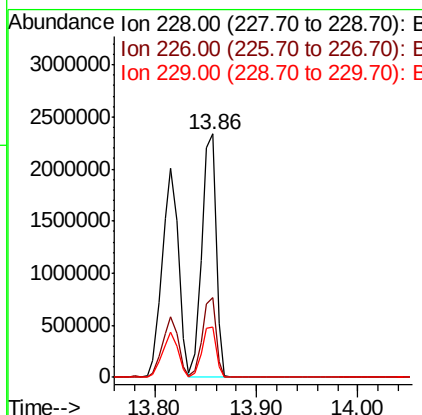
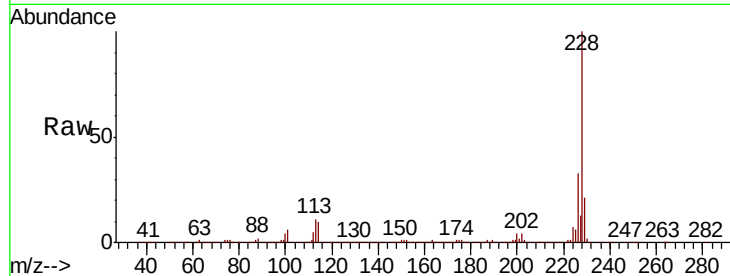
#83
Chrysene
Concen: 35.642 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Instrument :
BNA_F
ClientSampleId :
PB119779BSD

Tot Ion:228 Resp: 2274405
Ion Ratio Lower Upper
228 100
226 32.5 26.6 39.8
229 20.9 17.4 26.2

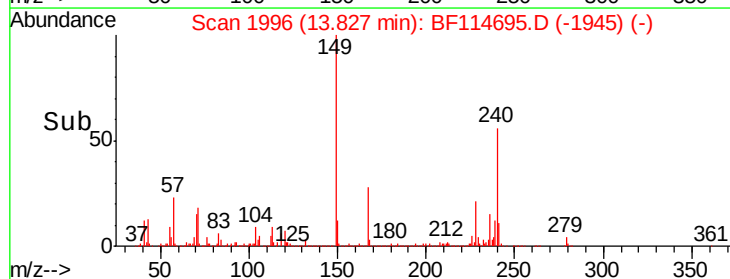
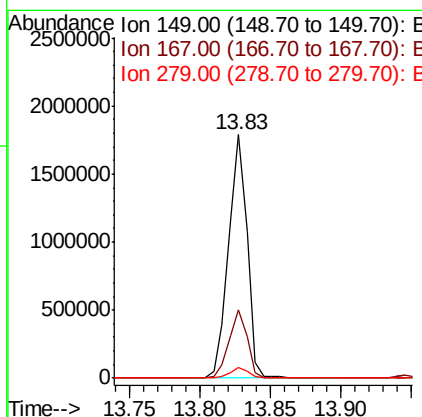
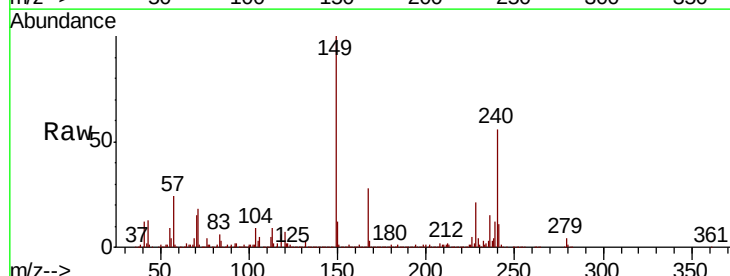
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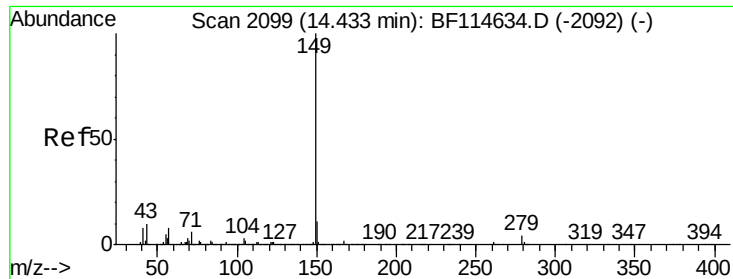
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#84
Bis(2-ethylhexyl)phthalate
Concen: 35.670 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Tgt Ion:149 Resp: 1629428
Ion Ratio Lower Upper
149 100
167 27.8 22.9 34.3
279 4.1 3.4 5.0





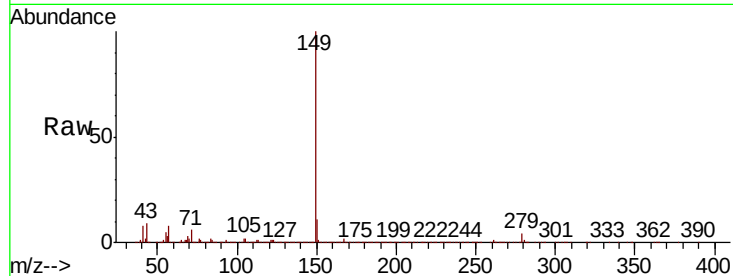
#85
Di-n-octyl phthalate
Concen: 34.741 ng
RT: 14.43 min Scan# 2099
Delta R.T. -0.00 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Instrument :
BNA_F
ClientSampleId :
PB119779BSD

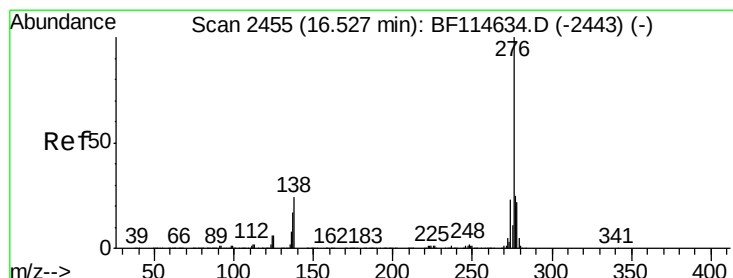
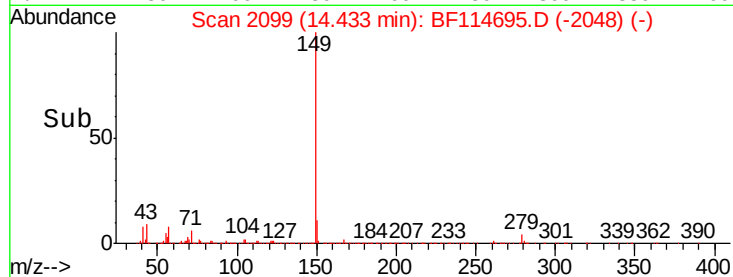
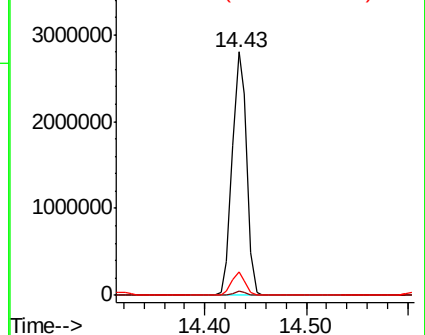
Tot Ion:149 Resp: 2757268
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 9.0 7.2 10.8

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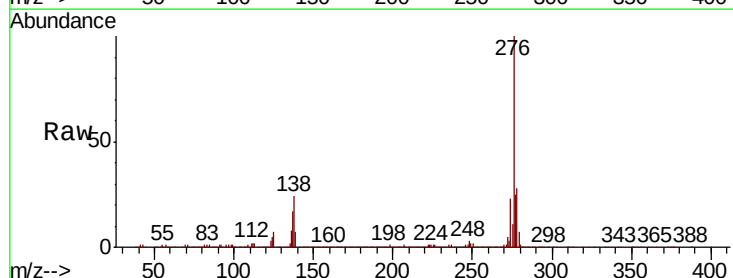


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

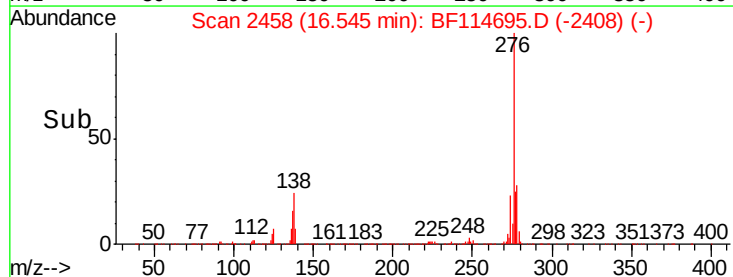
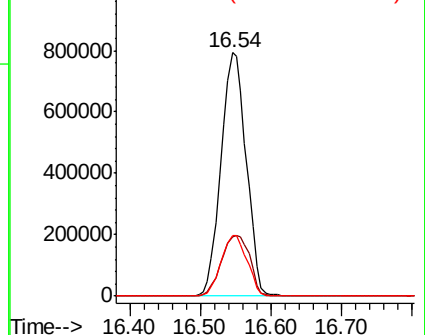


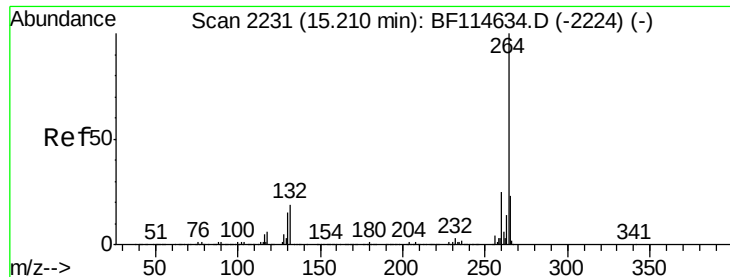
#86
Indeno(1,2,3-cd)pyrene
Concen: 30.796 ng
RT: 16.54 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Tgt Ion:276 Resp: 1968196
Ion Ratio Lower Upper
276 100
138 27.6 22.1 33.1
277 25.6 20.5 30.7



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





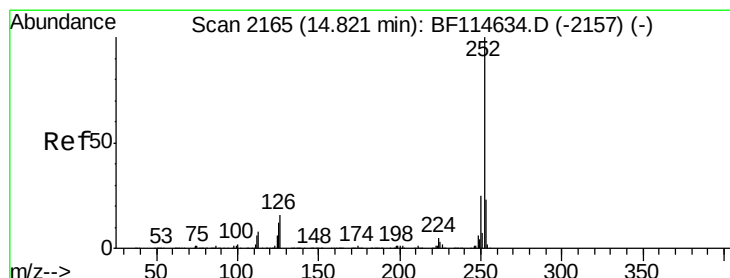
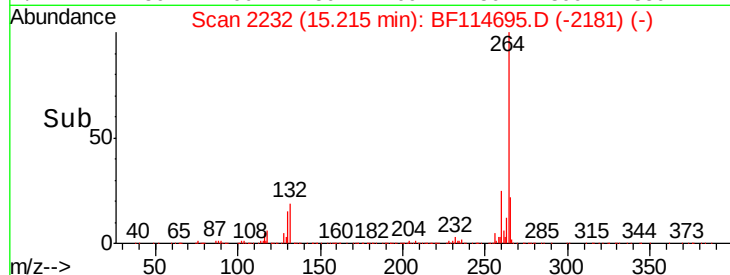
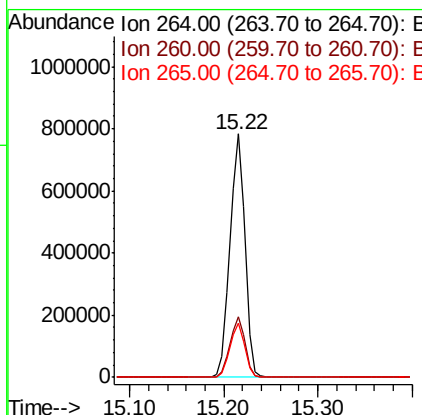
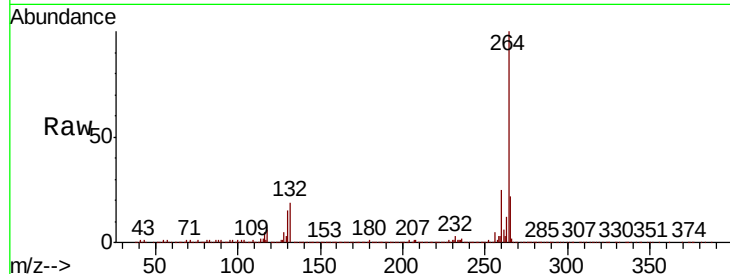
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Instrument :
BNA_F
ClientSampleID :
PB119779BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.3	30.5
265	22.5	18.0	27.0

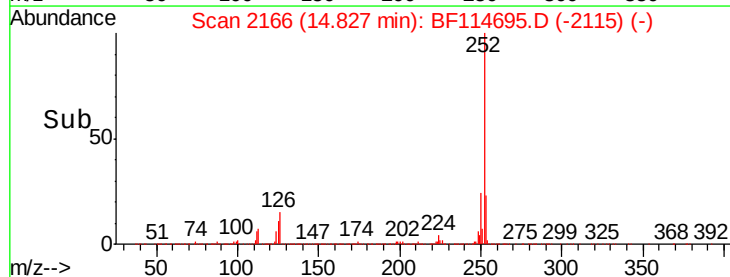
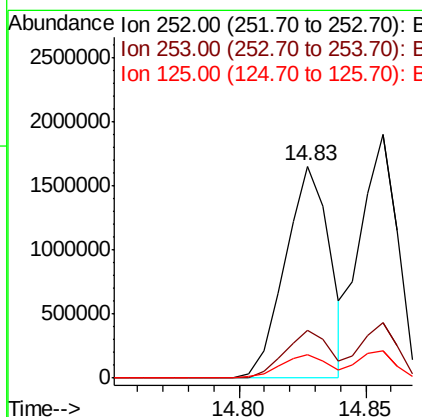
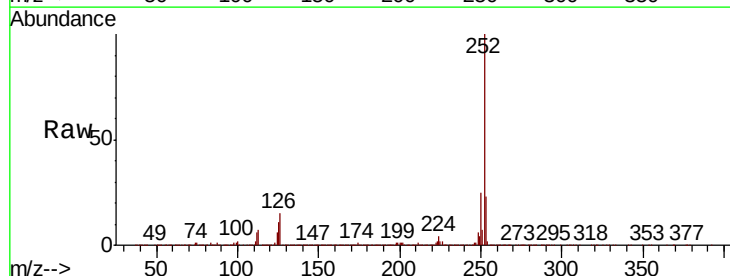
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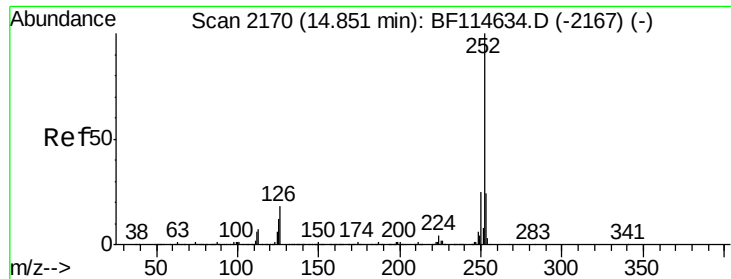
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#88
Benzo(b)fluoranthene
Concen: 36.784 ng
RT: 14.83 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.6	27.8
125	11.2	9.4	14.0





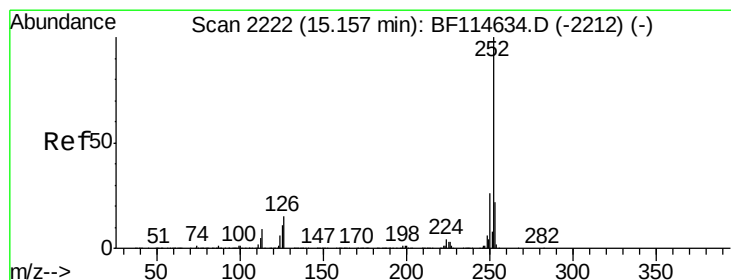
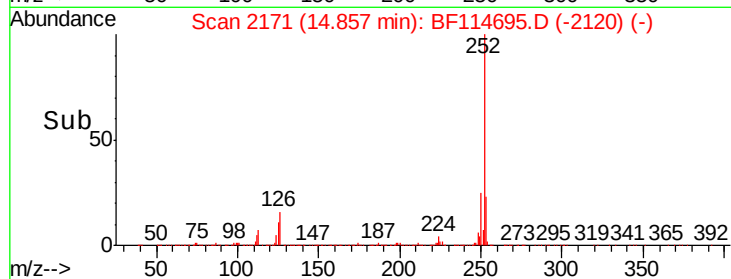
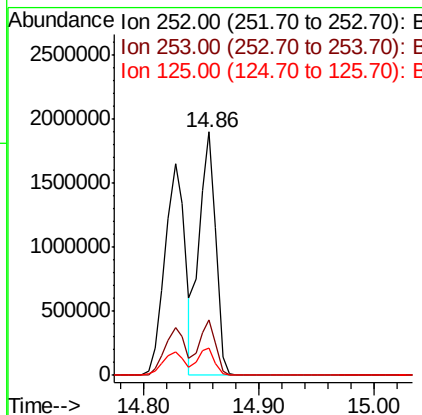
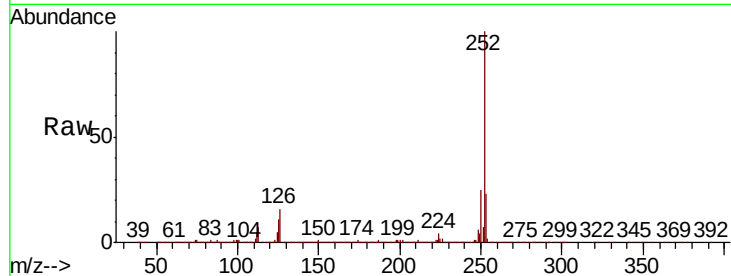
#89
Benzo(k)fluoranthene
Concen: 40.181 ng
RT: 14.86 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Instrument :
BNA_F
ClientSampleId :
PB119779BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.6	27.8
125	11.3	9.1	13.7

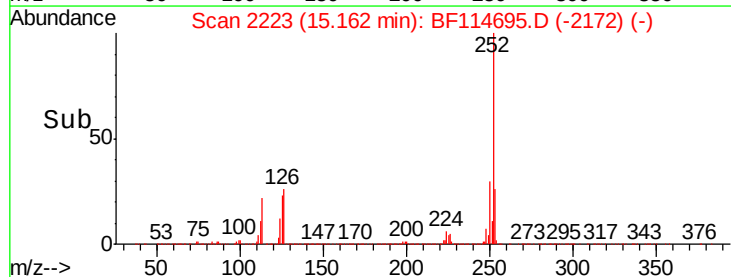
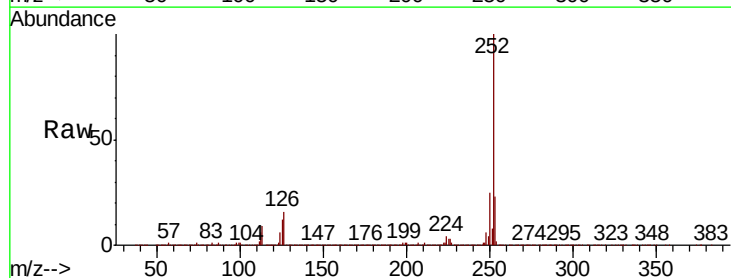
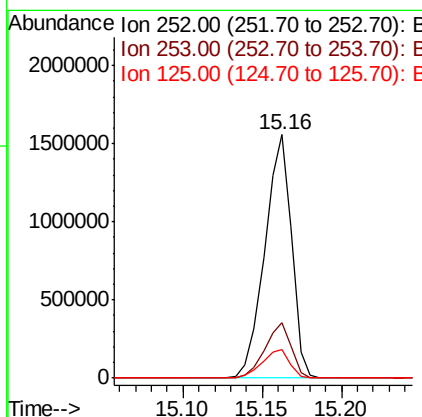
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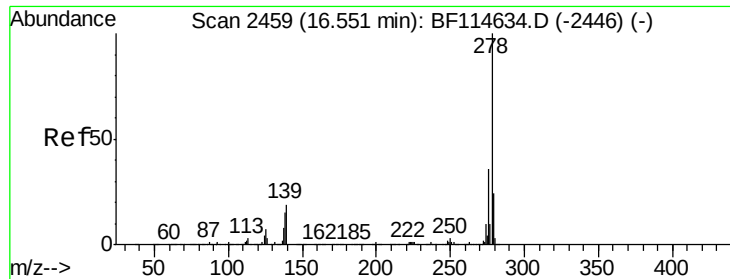
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#90
Benzo(a)pyrene
Concen: 38.148 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.00 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.5	27.7
125	11.8	9.9	14.9





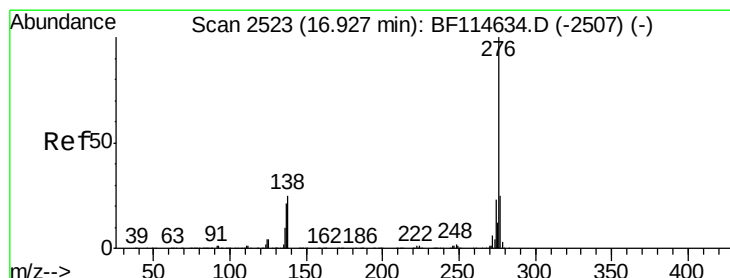
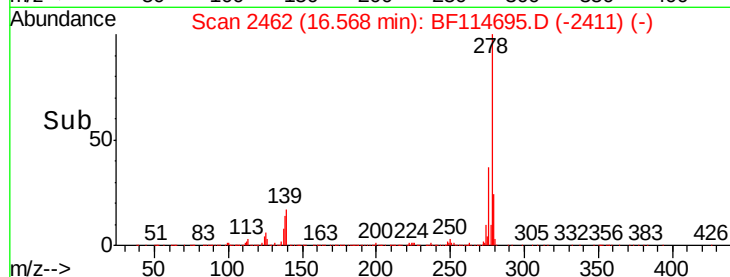
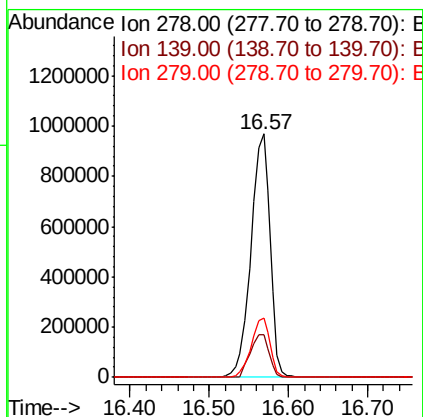
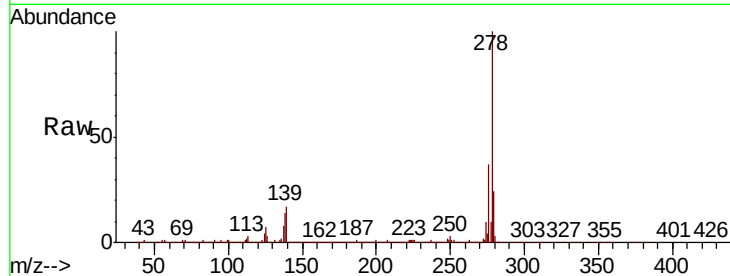
#91
Dibenzo(a,h)anthracene
Concen: 38.616 ng
RT: 16.57 min Scan# 2462
Delta R.T. -0.00 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Instrument :
BNA_F
ClientSampleId :
PB119779BSD

Tot Ion:278 Resp: 1642688
Ion Ratio Lower Upper
278 100
139 17.3 13.8 20.6
279 24.3 19.6 29.4

Manual Integrations
APPROVED

mohammad
6/3/2019 8:49:16 AM



#92
Benzo(g,h,i)perylene
Concen: 40.418 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.00 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Tgt Ion:276 Resp: 1668710
Ion Ratio Lower Upper
276 100
277 23.7 19.3 28.9
138 24.3 19.5 29.3

