

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
 Data File : BF116720.D
 Acq On : 1 Sep 2019 2:46
 Operator : HP/JU
 Sample : K4517-23MSD
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T2-S-A1-A4MSD

Manual Integrations
 APPROVED

mohammad
 9/5/2019 9:23:47 AM

Quant Time: Sep 01 04:43:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	118603	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	476846	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	248510	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	418336	20.00	ng	0.00
76) Chrysene-d12	14.00	240	257951	20.00	ng	0.00
87) Perylene-d12	15.44	264	282404	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	932353	127.35	ng	0.01
7) Phenol-d6	6.48	99	1186016	123.37	ng	0.00
23) Nitrobenzene-d5	7.41	82	845944	101.28	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	279135	168.02	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1422010	96.53	ng	0.00
79) Terphenyl-d14	12.95	244	1456759	104.47	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.70	88	137660	40.734	ng	# 86
3) Pyridine	3.46	79	187216	19.133	ng	97
4) n-Nitrosodimethylamine	3.34	42	145165	43.203	ng	78
6) Aniline	6.51	93	132004	9.914	ng	97
8) 2-Chlorophenol	6.63	128	392807	49.151	ng	96
9) Benzaldehyde	6.39	77	36897	5.826	ng	99
10) Phenol	6.49	94	435082	40.872	ng	96
11) bis(2-Chloroethyl)ether	6.58	93	390246	47.082	ng	98
12) 1,3-Dichlorobenzene	6.79	146	407328	45.096	ng	95
13) 1,4-Dichlorobenzene	6.86	146	415193	46.171	ng	100
14) 1,2-Dichlorobenzene	7.02	146	387465	46.495	ng	94
15) Benzyl Alcohol	6.99	79	355958	45.616	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	443055	45.560	ng	99
17) 2-Methylphenol	7.10	107	331758	47.421	ng	96
18) Hexachloroethane	7.36	117	156785	44.876	ng	91
19) n-Nitroso-di-n-propylamine	7.26	70	297035	46.928	ng	94
20) 3+4-Methylphenols	7.25	107	403478	49.602	ng	# 80
22) Acetophenone	7.25	105	566539	49.350	ng	98
24) Nitrobenzene	7.43	77	452745	53.294	ng	94
25) Isophorone	7.66	82	835032	49.335	ng	99
26) 2-Nitrophenol	7.74	139	195208	61.806	ng	96
27) 2,4-Dimethylphenol	7.78	122	362705	56.862	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	507454	49.061	ng	99
29) 2,4-Dichlorophenol	7.99	162	329681	53.781	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	325638	48.976	ng	95
31) Naphthalene	8.15	128	1159063	51.117	ng	99
32) Benzoic acid	7.89	122	181759	50.466	ng	91
33) 4-Chloroaniline	8.19	127	28136	2.726	ng	98
34) Hexachlorobutadiene	8.27	225	171537	47.317	ng	98
35) Caprolactam	8.56	113	102293m	44.589	ng	
36) 4-Chloro-3-methylphenol	8.68	107	388248	55.106	ng	96
37) 2-Methylnaphthalene	8.84	142	796052	52.766	ng	97
38) 1-Methylnaphthalene	8.94	142	744490	52.276	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	287437	48.250	ng	# 97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	243138	70.677	nq	95
43) 2,4,6-Trichlorophenol	9.12	196	216844	53.100	nq	96
44) 2,4,5-Trichlorophenol	9.16	196	238956	56.363	nq	96
46) 1,1'-Biphenyl	9.30	154	941915	49.950	nq	97
47) 2-Chloronaphthalene	9.33	162	740154	49.556	nq	99
48) 2-Nitroaniline	9.42	65	246376	57.059	nq	99
49) Acenaphthylene	9.75	152	1186381	52.548	nq	99
50) Dimethylphthalate	9.60	163	879790	51.279	nq	99
51) 2,6-Dinitrotoluene	9.66	165	202870	61.974	nq	93
52) Acenaphthene	9.92	154	745213	53.720	nq	99
53) 3-Nitroaniline	9.82	138	46599	11.359	nq	89
54) 2,4-Dinitrophenol	9.93	184	109957	93.010	nq	88
55) Dibenzofuran	10.09	168	1047894	53.585	nq	97
56) 4-Nitrophenol	9.99	139	324233	115.269	nq	89
57) 2,4-Dinitrotoluene	10.07	165	275155	68.744	nq	92
58) Fluorene	10.43	166	797949	53.551	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	178978	58.494	nq	96
60) Diethylphthalate	10.30	149	903227	52.555	nq	99
61) 4-Chlorophenyl-phenylether	10.42	204	348785	53.454	nq	96
62) 4-Nitroaniline	10.45	138	202547	50.877	nq	93
63) Azobenzene	10.58	77	948291	52.917	nq	95
65) 4,6-Dinitro-2-methylphenol	10.47	198	85731	54.457	nq	91
66) n-Nitrosodiphenylamine	10.54	169	732577	50.621	nq	97
67) 4-Bromophenyl-phenylether	10.91	248	214941	50.577	nq	100
68) Hexachlorobenzene	10.98	284	220889	49.679	nq	96
69) Atrazine	11.06	200	172366	42.527	nq	97
70) Pentachlorophenol	11.17	266	232103	107.910	nq	97
71) Phenanthrene	11.39	178	1190613	51.127	nq	99
72) Anthracene	11.44	178	1230530	52.493	nq	99
73) Carbazole	11.59	167	1170022	52.397	nq	100
74) Di-n-butylphthalate	11.92	149	1514442	52.904	nq	99
75) Fluoranthene	12.57	202	1176449	51.406	nq	97
78) Pyrene	12.80	202	1157864	50.495	nq	99
80) Butylbenzylphthalate	13.42	149	632905	56.758	nq	100
81) Benzo(a)anthracene	13.99	228	825484	50.564	nq	99
82) 3,3'-Dichlorobenzidine	13.94	252	93674	16.979	nq	99
83) Chrysene	14.02	228	853090	50.721	nq	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	836233	60.751	nq	98
85) Di-n-octyl phthalate	14.59	149	1418386	62.967	nq	97
86) Indeno(1,2,3-cd)pyrene	16.89	276	821808	60.831	nq	# 93
88) Benzo(b)fluoranthene	15.03	252	854445m	50.044	nq	
89) Benzo(k)fluoranthene	15.06	252	778462	50.006	nq	98
90) Benzo(a)pyrene	15.39	252	793195	53.398	nq	97
91) Dibenzo(a,h)anthracene	16.91	278	690972	53.143	nq	# 93
92) Benzo(g,h,i)perylene	17.33	276	635722	47.941	nq	# 93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

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Instrument :

BNA_F

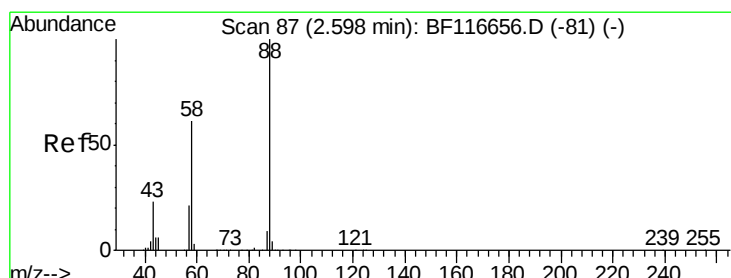
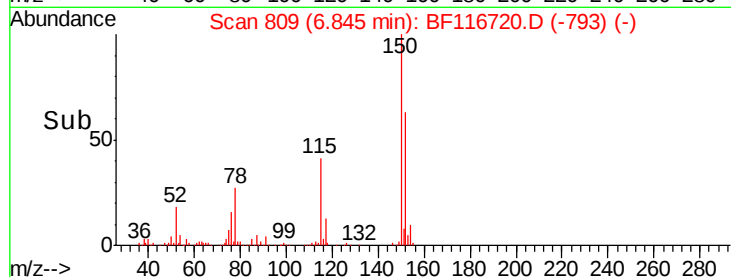
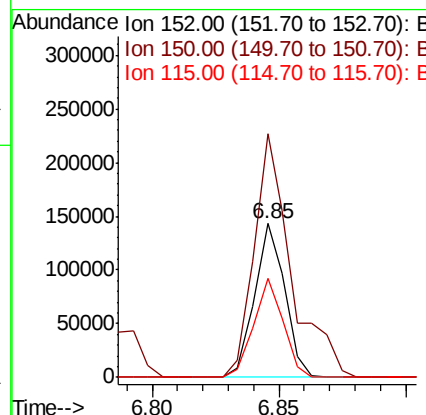
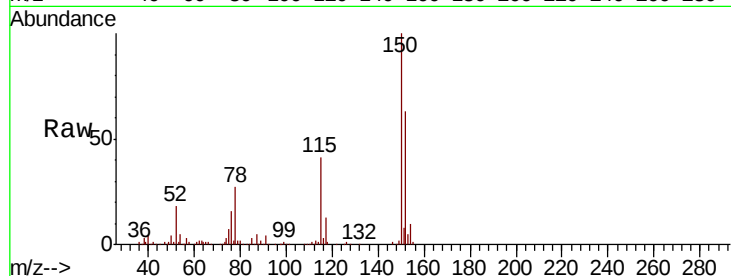
ClientSampleId :

T2-S-A1-A4MSD

Tot Ion:	152	Resp:	118603
Ion Ratio	Lower	Upper	
152	100		
150	158.2	124.4	186.6
115	64.3	49.9	74.9

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#2

1,4-Dioxane

Concen: 40.734 ng

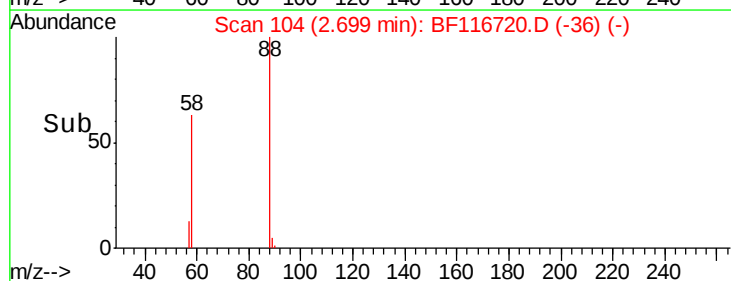
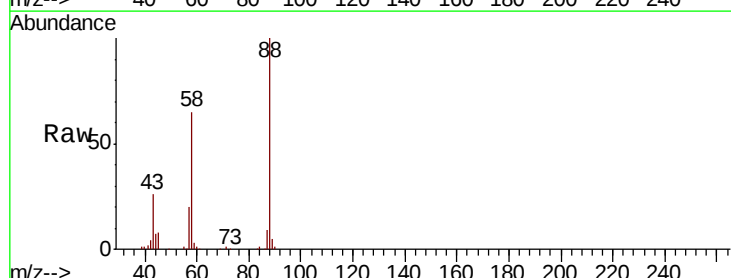
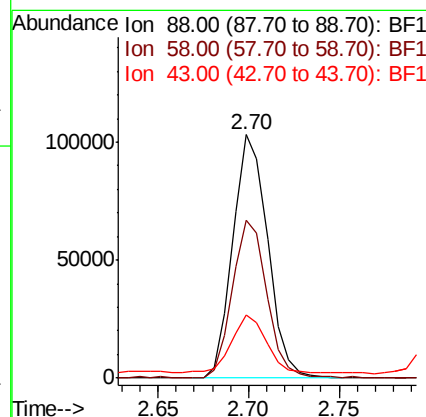
RT: 2.70 min Scan# 104

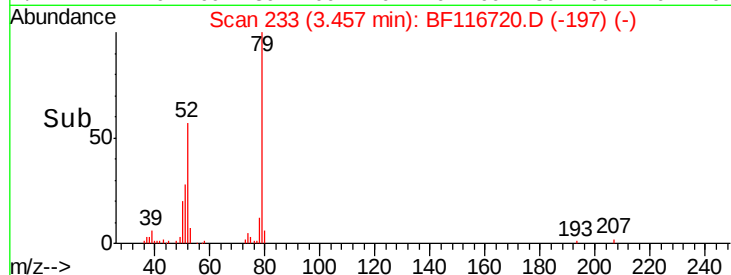
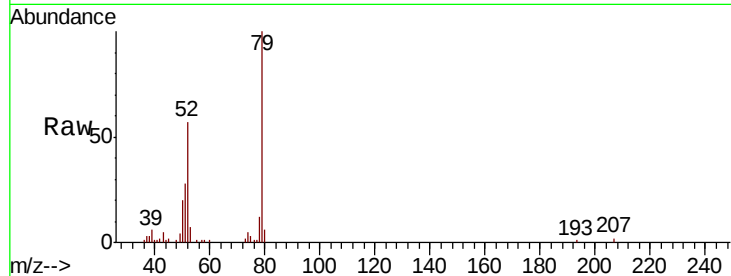
Delta R.T. 0.10 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

Tgt Ion:	88	Resp:	137660
Ion Ratio	Lower	Upper	
88	100		
58	64.9	51.7	77.5
43	0.0	19.8	29.8#





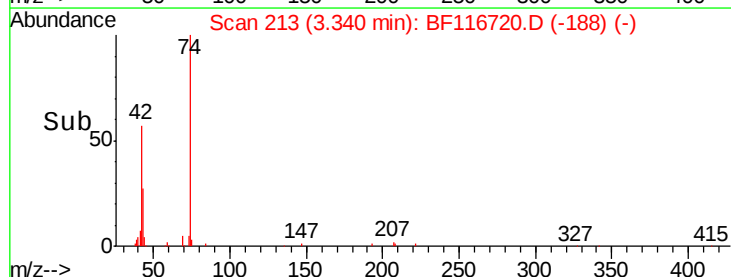
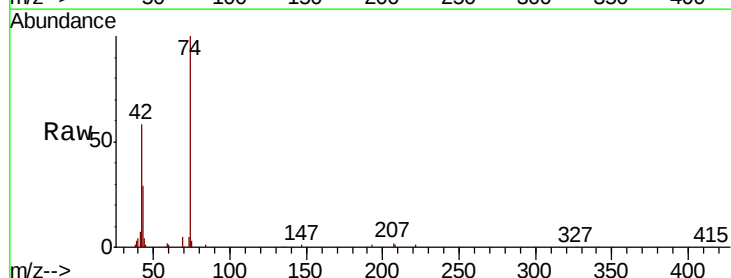
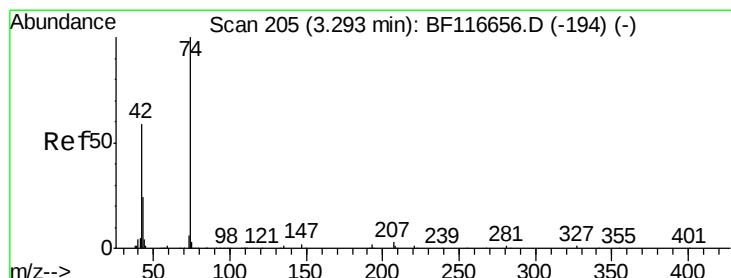
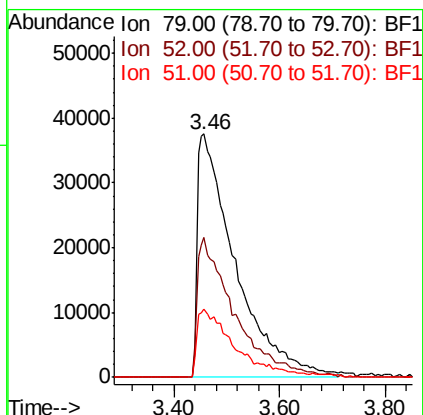
#3
Pvridine
Concen: 19.133 ng
RT: 3.46 min Scan# 233
Delta R.T. 0.11 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Tot Ion	Ratio	Lower	Upper
79	100		
52	57.4	47.4	71.0
51	28.2	24.1	36.1

Instrument :
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ClientSampleId :
T2-S-A1-A4MSD

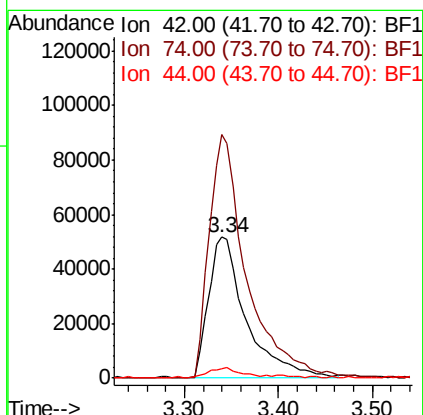
Manual Integrations
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#4
n-Nitrosodimethylamine
Concen: 43.203 ng
RT: 3.34 min Scan# 213
Delta R.T. 0.05 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Tgt Ion	Ratio	Lower	Upper
42	100		
74	173.0	115.6	173.4
44	6.7	4.6	7.0





#5

2-Fluorophenol

Concen: 127.355 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

Instrument :

BNA_F

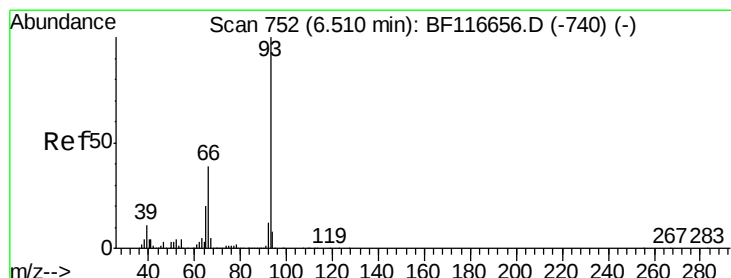
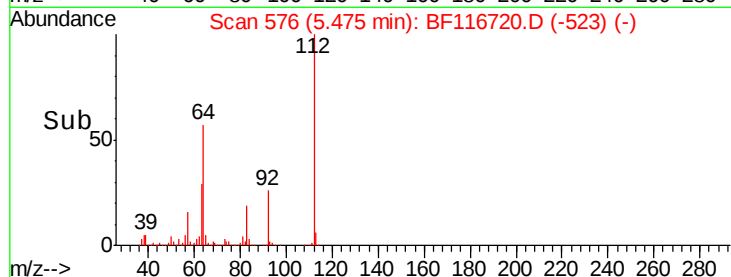
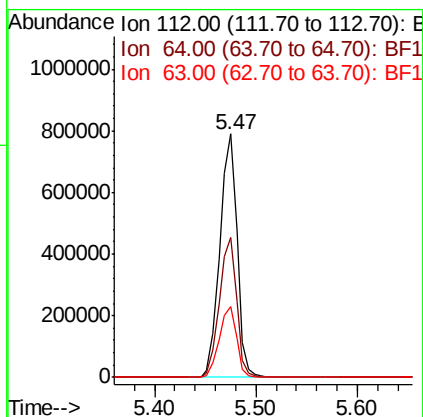
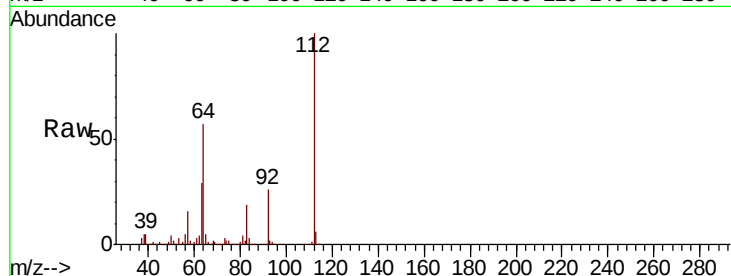
ClientSampleId :

T2-S-A1-A4MSD

Tot Ion:	112	Resp:	932353
Ion Ratio	Lower	Upper	
112	100		
64	57.4	47.1	70.7
63	29.1	24.9	37.3

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#6

Aniline

Concen: 9.914 ng

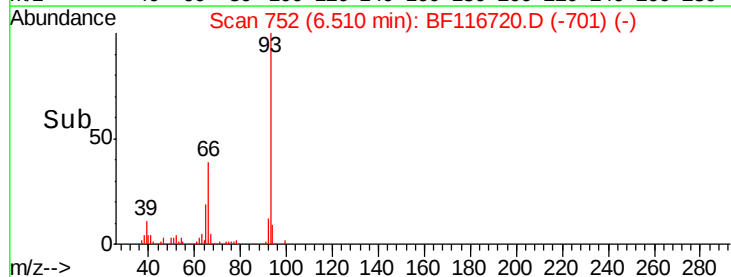
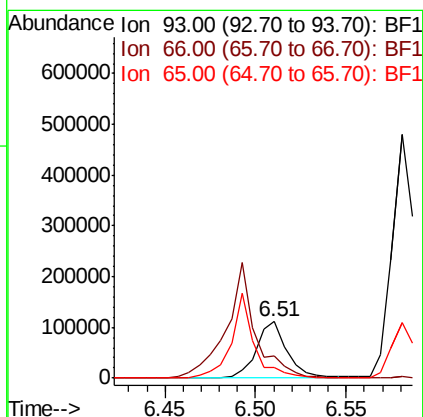
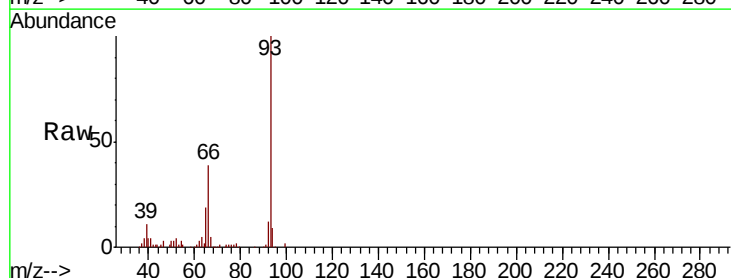
RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

Tgt Ion:	93	Resp:	132004
Ion Ratio	Lower	Upper	
93	100		
66	39.0	32.7	49.1
65	18.7	16.3	24.5





#7

Phenol-d6

Concen: 123.374 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

Instrument :

BNA_F

ClientSampleId :

T2-S-A1-A4MSD

Tot Ion: 99 Resp: 1186016

Ion Ratio Lower Upper

99 100

42 15.5 13.7 20.5

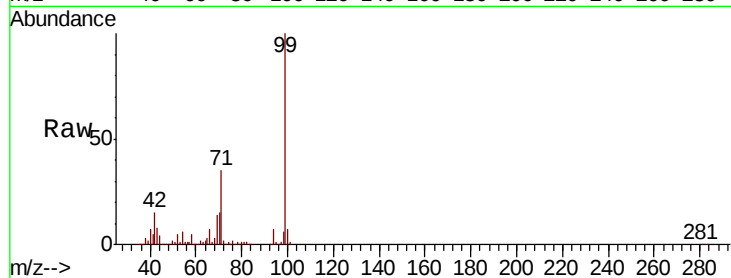
71 35.1 30.8 46.2

Manual Integrations

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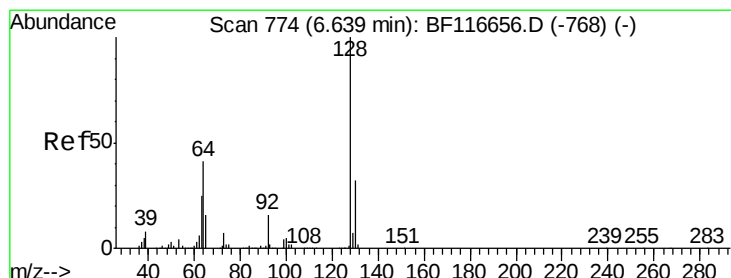
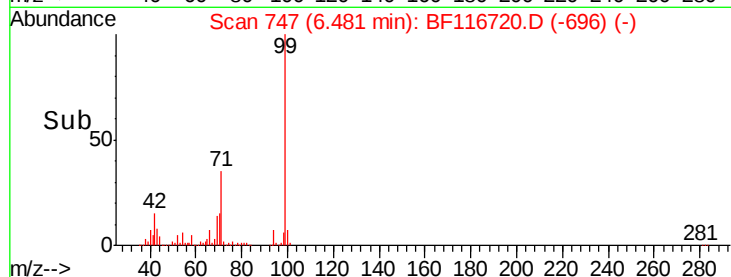
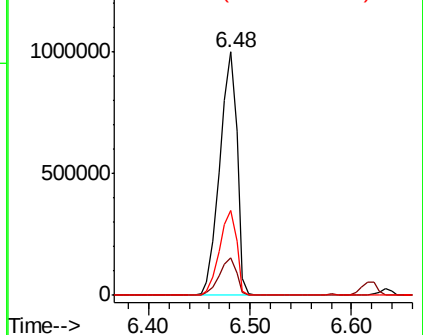
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 49.151 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

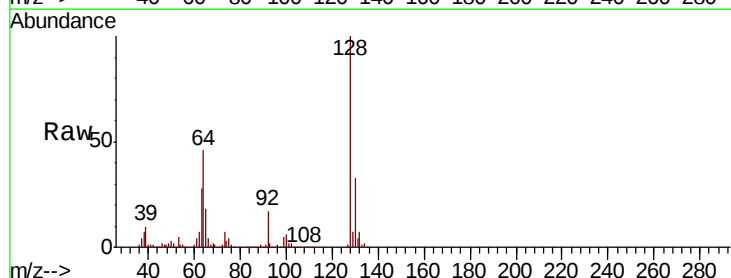
Tgt Ion: 128 Resp: 392807

Ion Ratio Lower Upper

128 100

130 32.9 12.3 52.3

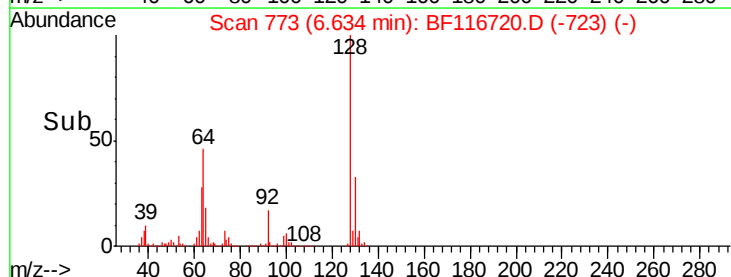
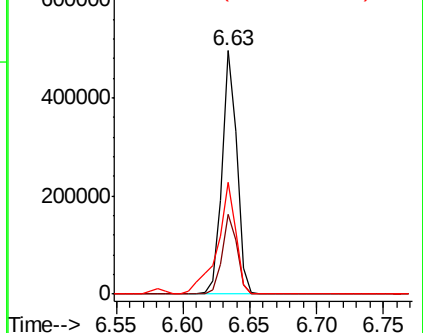
64 45.9 22.5 62.5



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





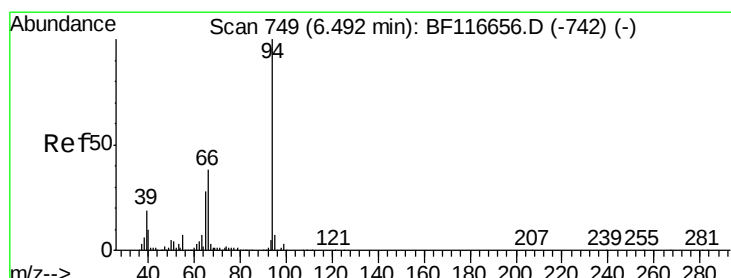
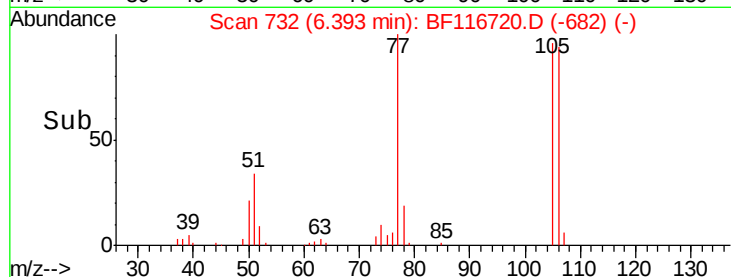
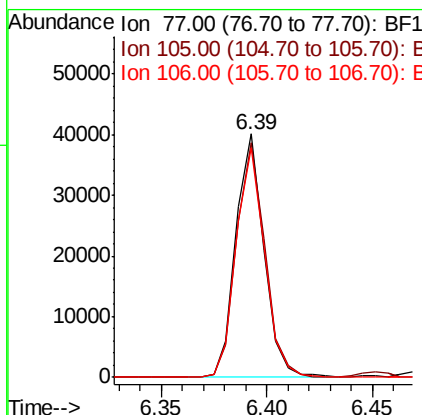
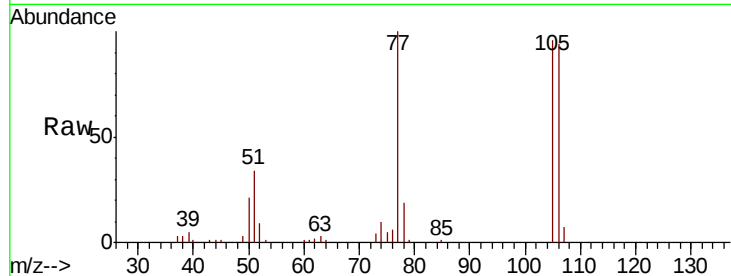
#9
Benzaldehyde
Concen: 5.826 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	96.5	76.7	116.7
106	94.5	73.1	113.1

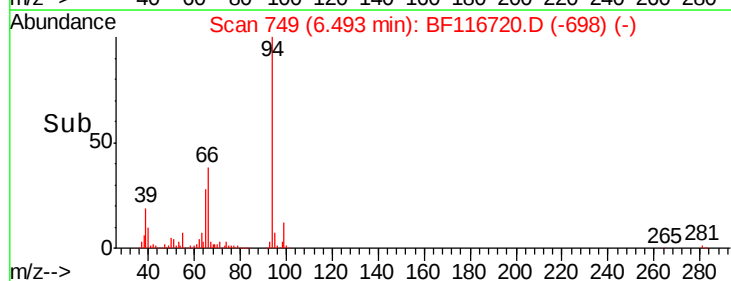
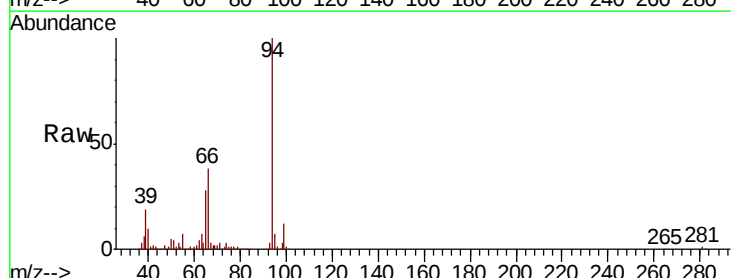
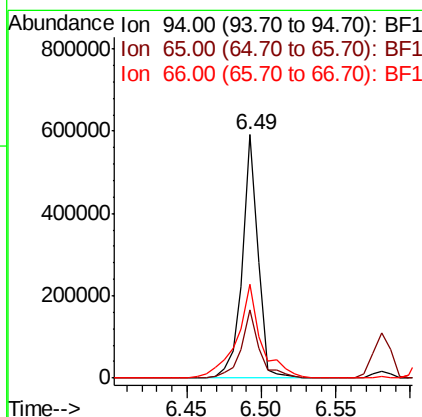
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#10
Phenol
Concen: 40.872 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.3	10.8	50.8
66	38.3	21.1	61.1





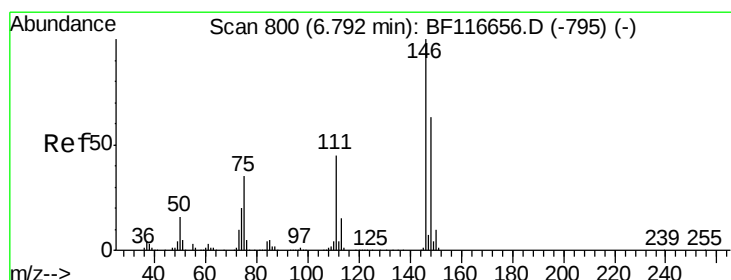
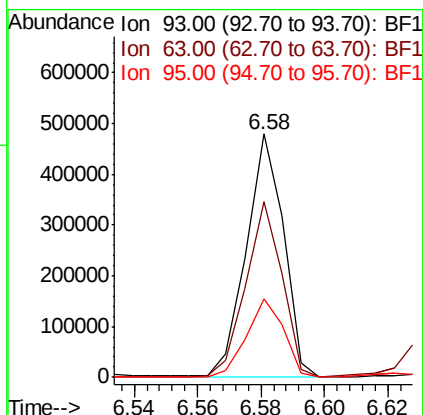
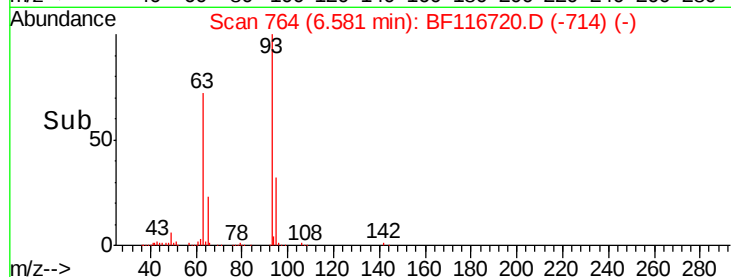
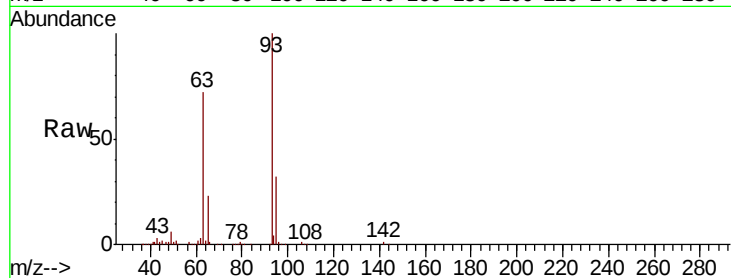
#11
bis(2-Chloroethyl)ether
Concen: 47.082 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	72.0	49.9	89.9	
95	32.3	12.7	52.7	

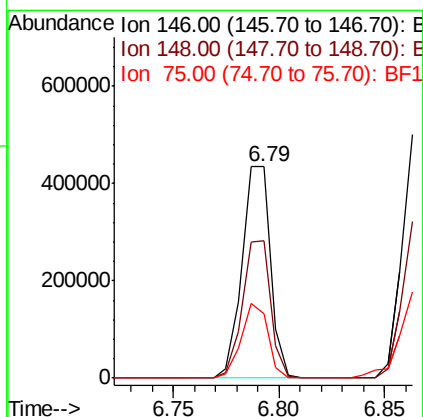
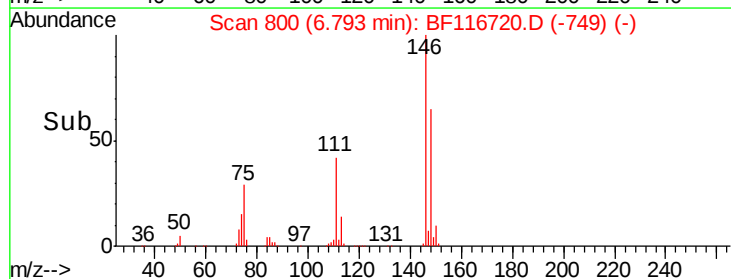
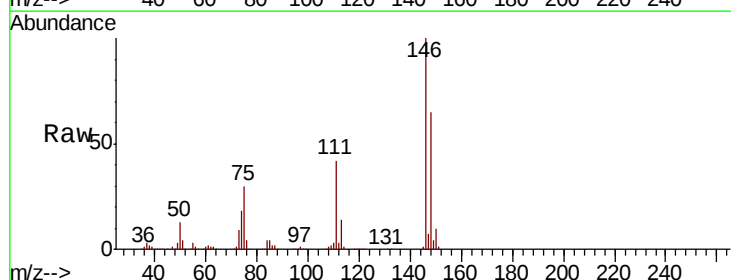
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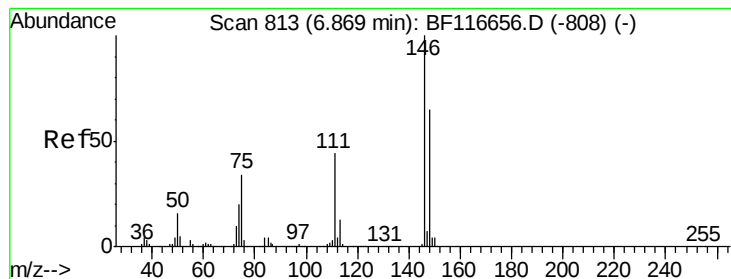
mohammad
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#12
1,3-Dichlorobenzene
Concen: 45.096 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	65.0	51.4	77.0	
75	30.4	29.6	44.4	





#13

1,4-Dichlorobenzene

Concen: 46.171 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

Instrument :

BNA_F

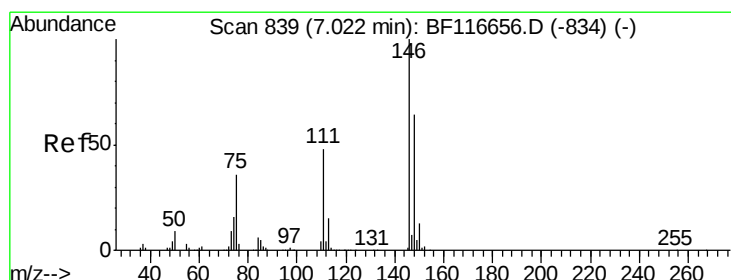
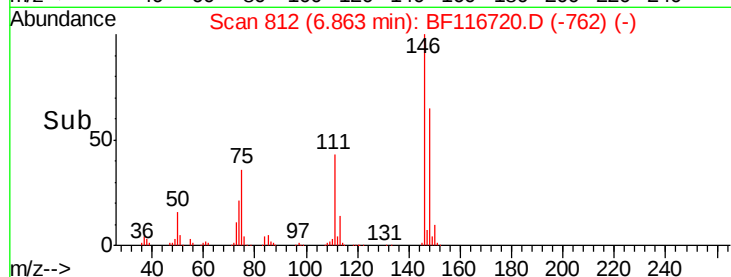
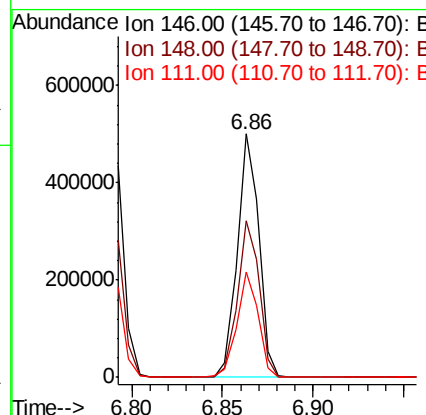
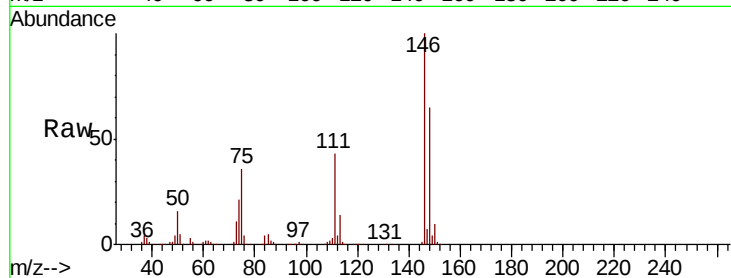
ClientSampleId :

T2-S-A1-A4MSD

Tot Ion:	146	Resp:	415193
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.4	77.2
111	43.3	34.8	52.2

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#14

1,2-Dichlorobenzene

Concen: 46.495 ng

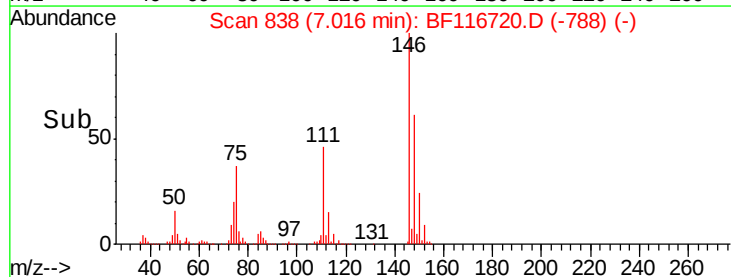
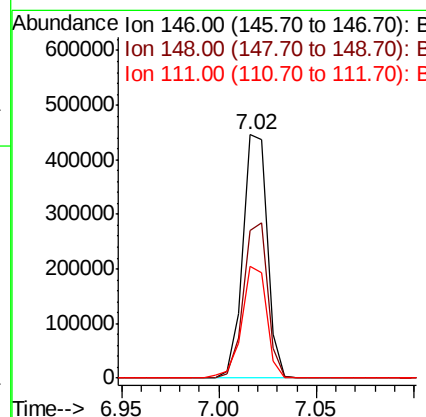
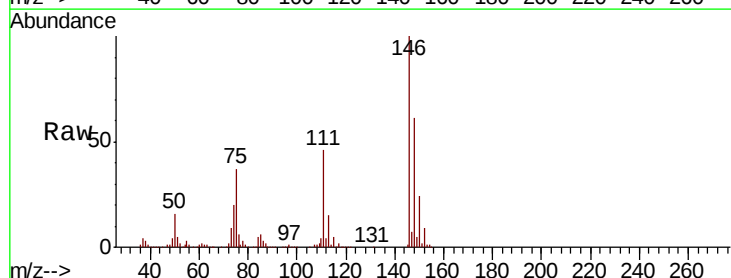
RT: 7.02 min Scan# 838

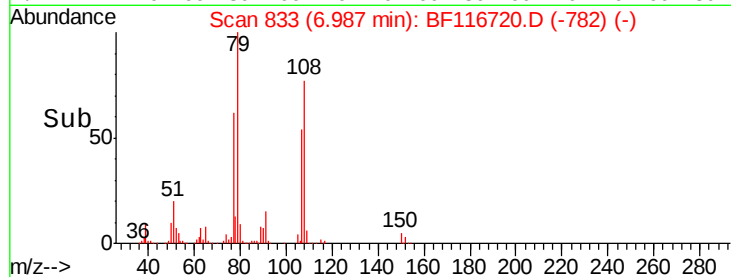
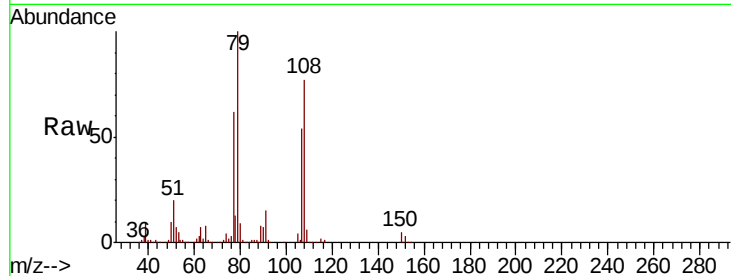
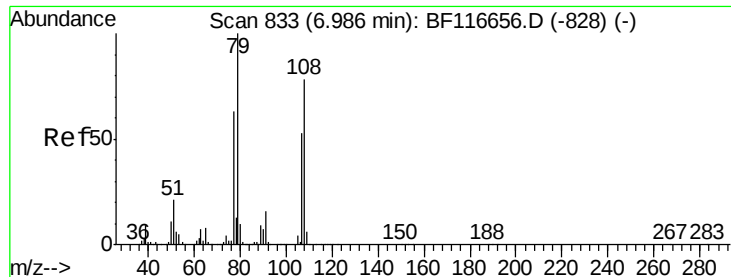
Delta R.T. -0.01 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

Tgt Ion:	146	Resp:	387465
Ion Ratio	Lower	Upper	
146	100		
148	60.9	52.6	78.8
111	46.1	34.2	51.4





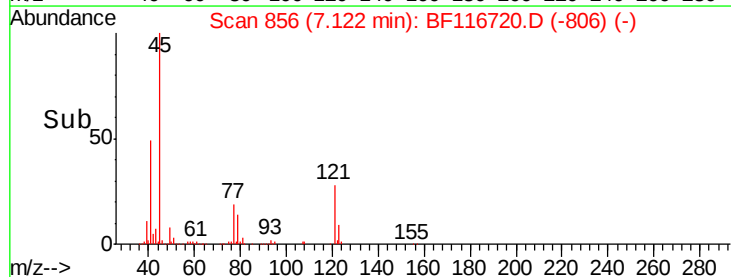
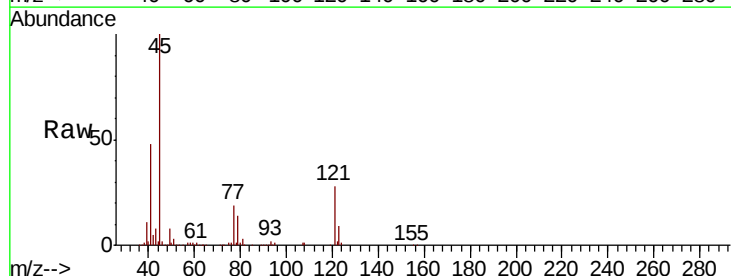
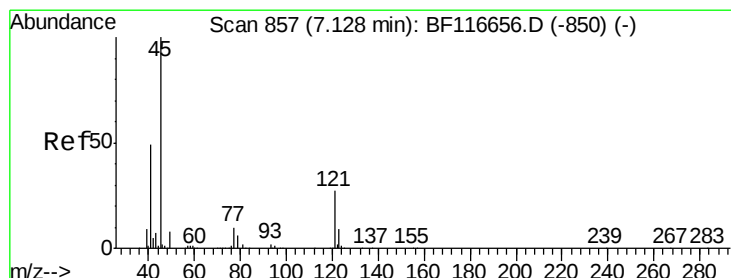
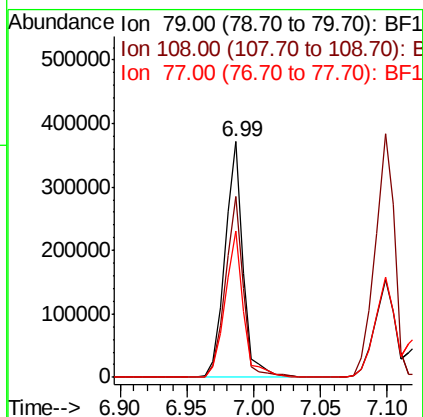
#15
Benzyl Alcohol
Concen: 45.616 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Tot Ion	79	Resp	355958
Ion Ratio	Lower	Upper	
79	100		
108	77.1	59.2	88.8
77	62.4	53.0	79.4

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MSD

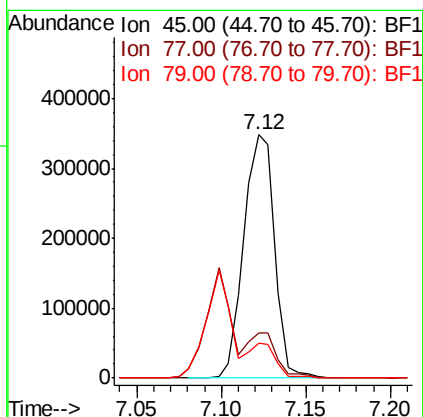
Manual Integrations
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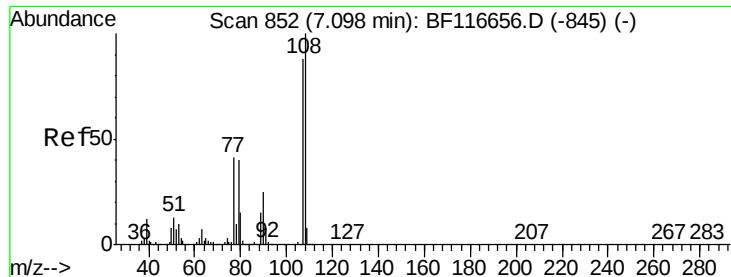
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.560 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Tgt Ion	45	Resp	443055
Ion Ratio	Lower	Upper	
45	100		
77	18.7	0.0	38.2
79	14.4	0.0	33.9





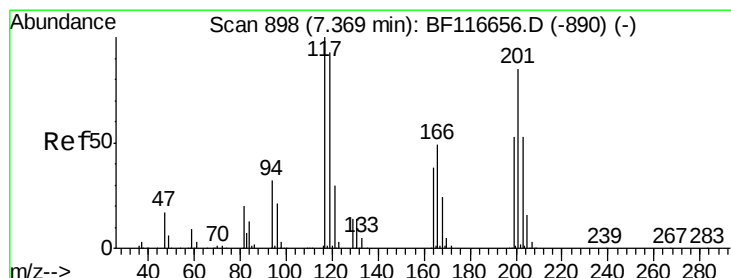
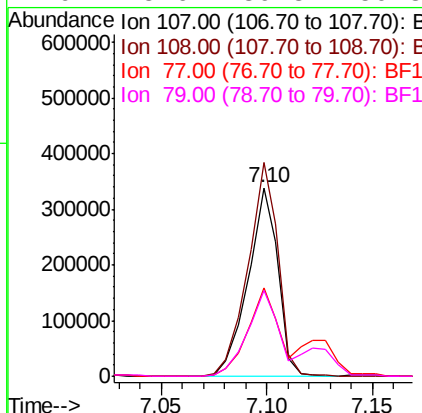
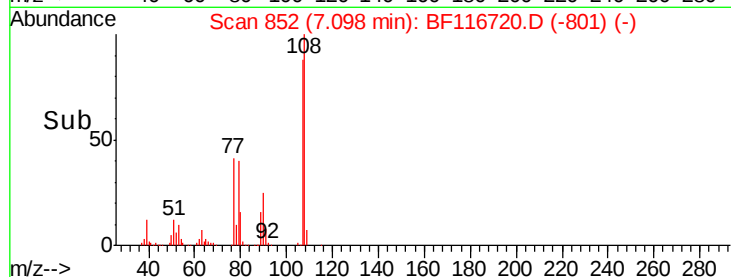
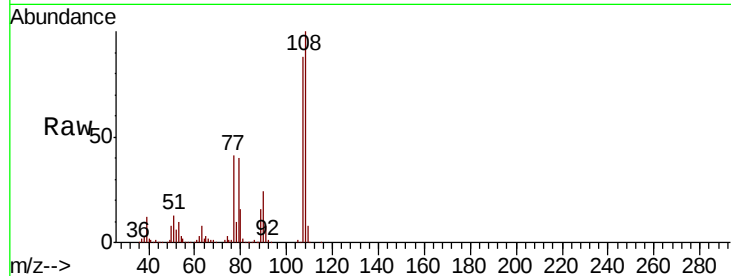
#17
2-Methylphenol
Concen: 47.421 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	113.2	88.3	132.5		
77	46.7	39.9	59.9		
79	45.6	39.8	59.8		

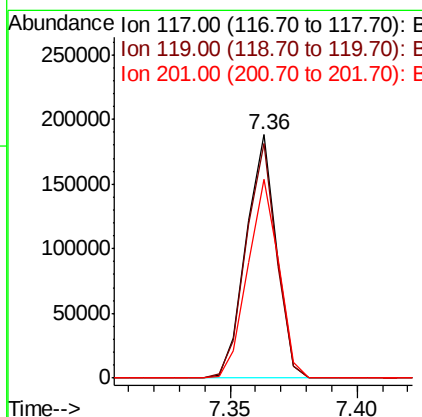
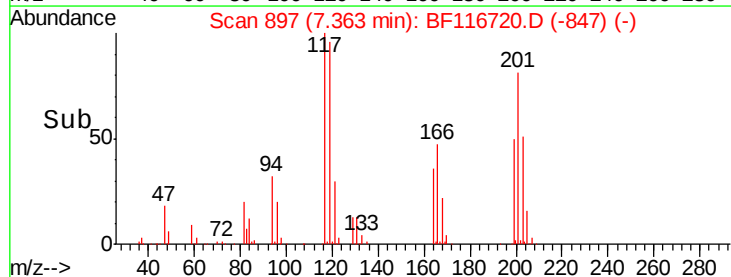
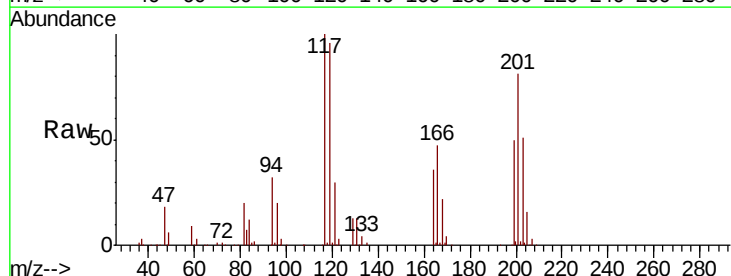
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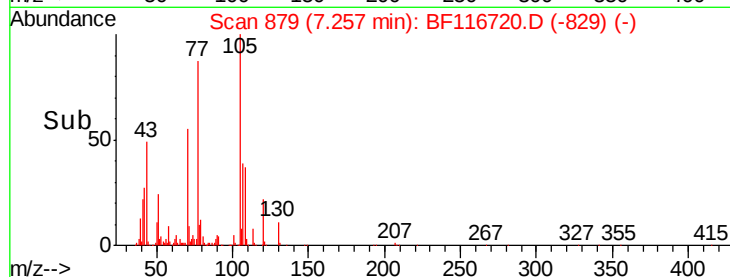
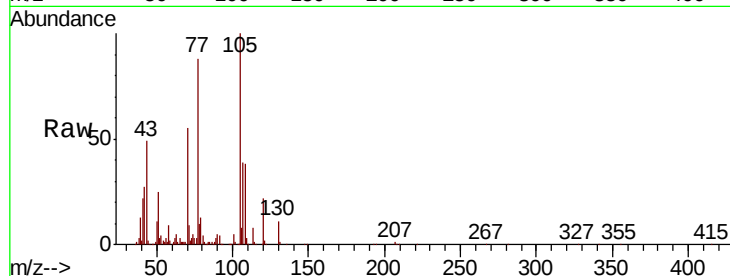
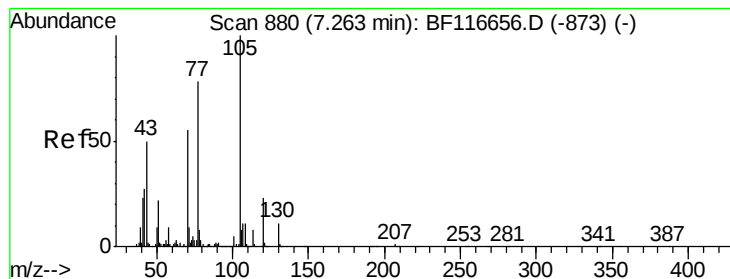
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#18
Hexachloroethane
Concen: 44.876 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	96.3	76.9	115.3		
201	81.5	79.4	119.0		





#19

n-Nitroso-di-n-propylamine

Concen: 46.928 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		297035		
42	48.2	43.5	65.3		
101	8.9	7.8	11.6		
130	20.3	16.6	24.8		

Instrument :

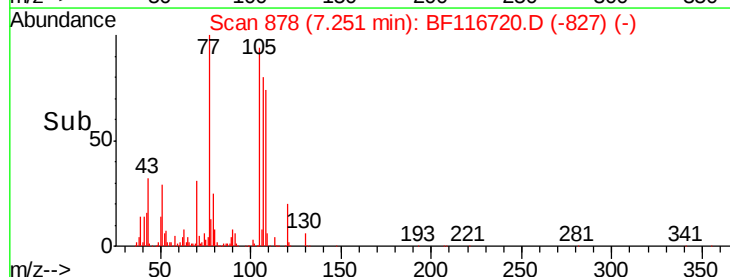
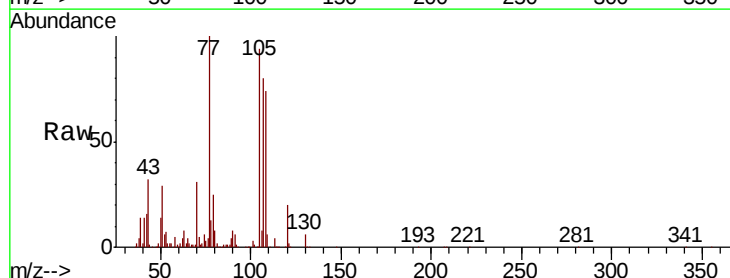
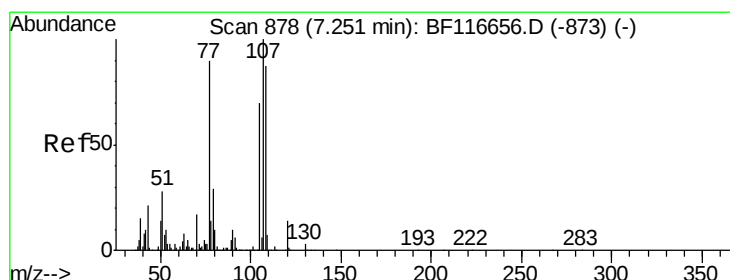
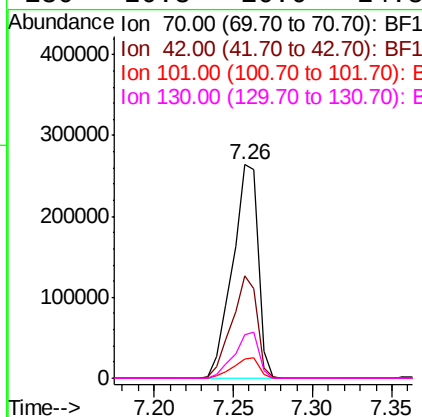
BNA_F

ClientSampleId :

T2-S-A1-A4MSD

Manual Integrations
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#20

3+4-Methylphenols

Concen: 49.602 ng

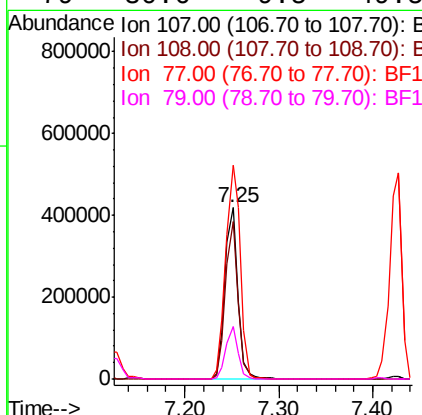
RT: 7.25 min Scan# 878

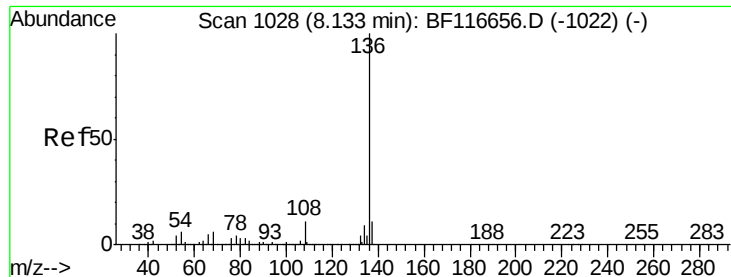
Delta R.T. 0.00 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		403478		
108	91.9	65.5	105.5		
77	124.8	69.4	109.4#		
79	30.6	9.5	49.5		





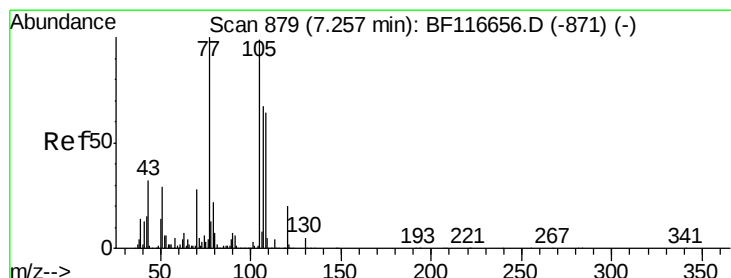
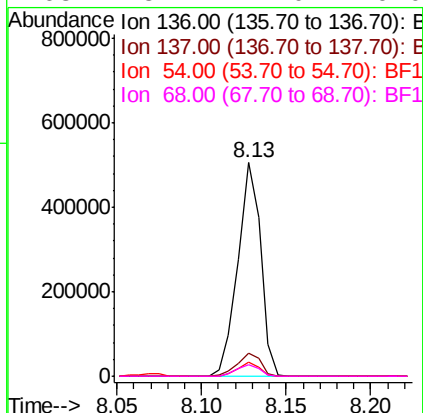
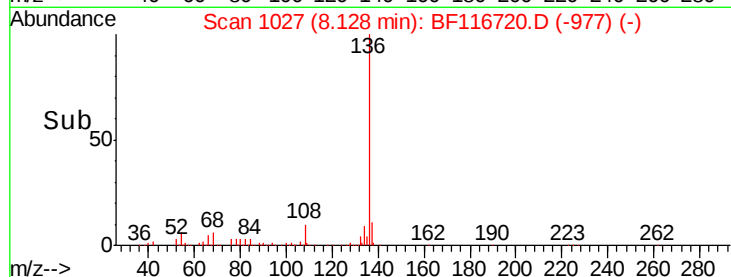
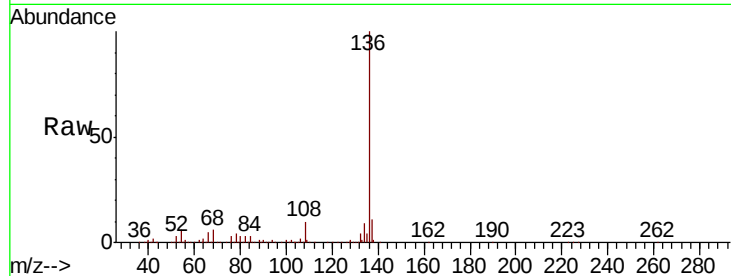
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	476846		
137	10.6	8.9	13.3	
54	6.3	4.8	7.2	
68	5.7	4.0	6.0	

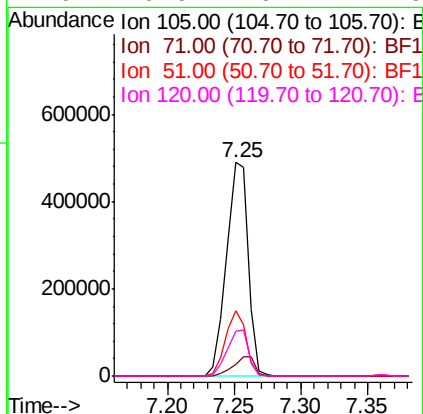
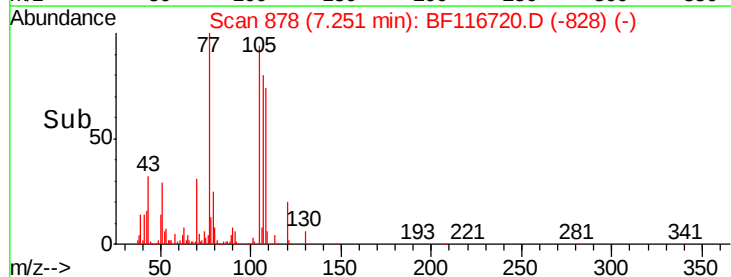
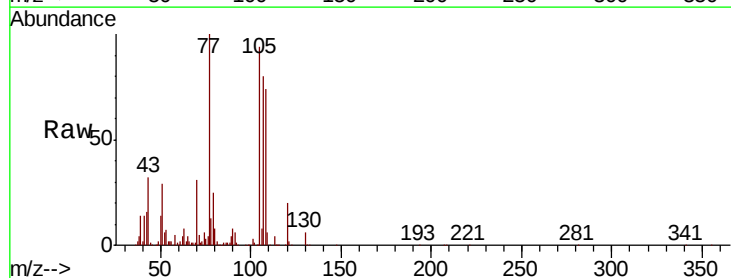
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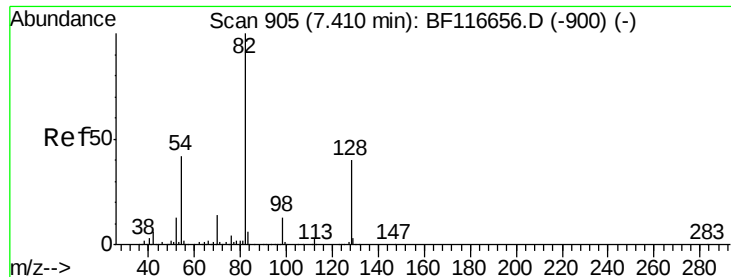
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#22
Acetophenone
Concen: 49.350 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	566539		
71	5.6	4.2	6.4	
51	30.7	25.8	38.8	
120	20.9	16.4	24.6	





#23

Nitrobenzene-d5

Concen: 101.275 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.00 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

Instrument :

BNA_F

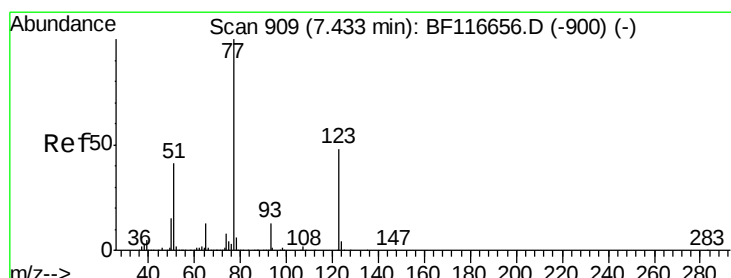
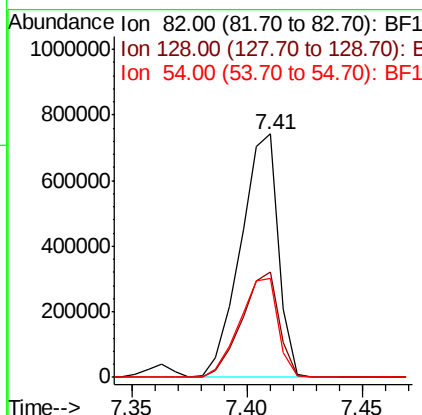
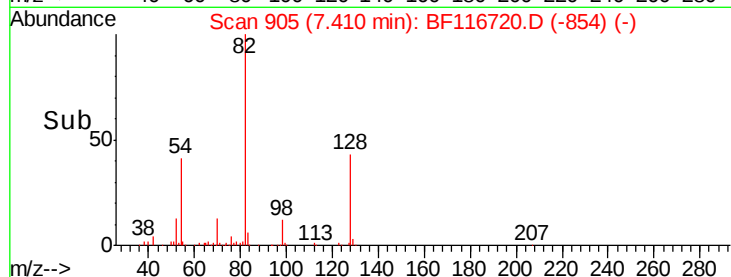
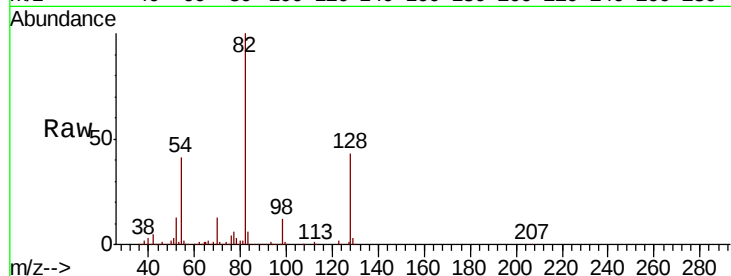
ClientSampleId :

T2-S-A1-A4MSD

Tot Ion:	82	Resp:	845944
Ion Ratio	Lower	Upper	
82	100		
128	43.2	32.8	49.2
54	40.9	36.9	55.3

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#24

Nitrobenzene

Concen: 53.294 ng

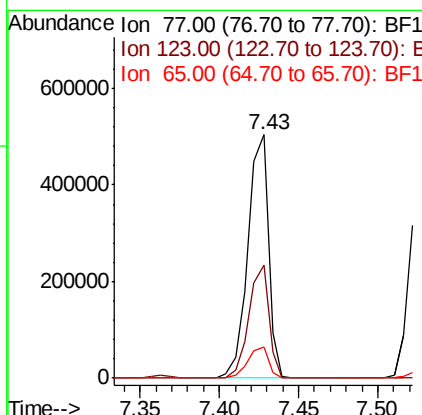
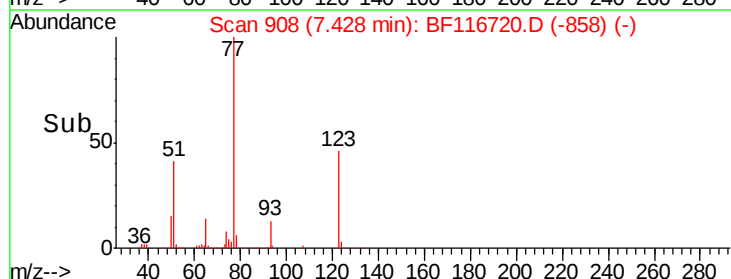
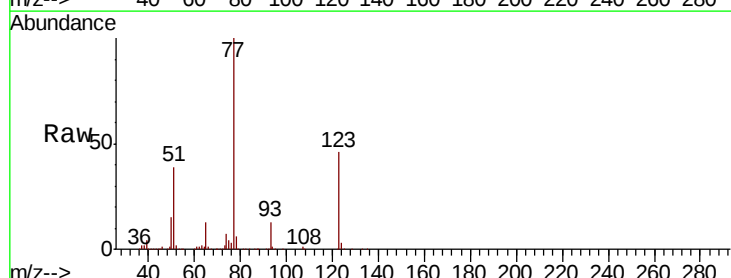
RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

Tgt Ion:	77	Resp:	452745
Ion Ratio	Lower	Upper	
77	100		
123	46.2	33.1	49.7
65	13.0	10.6	15.8





#25

Isophorone

Concen: 49.335 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

Instrument :

BNA_F

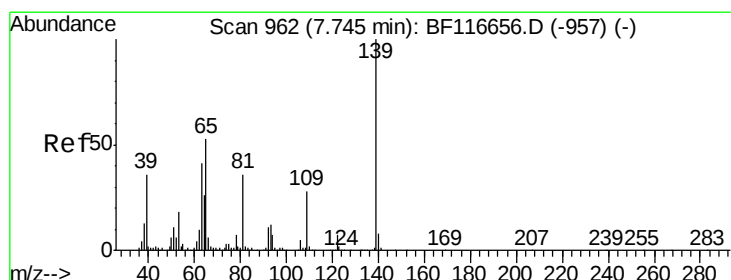
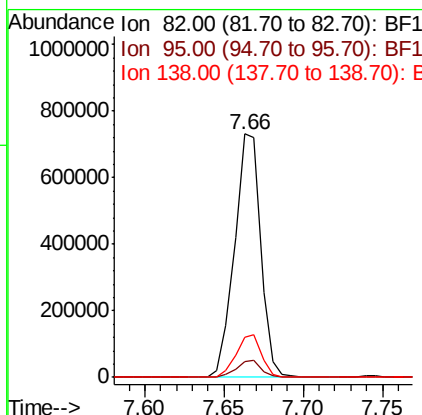
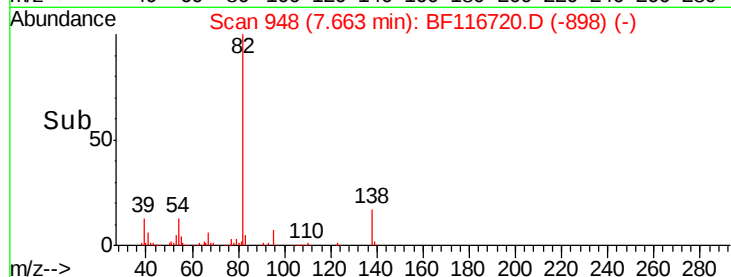
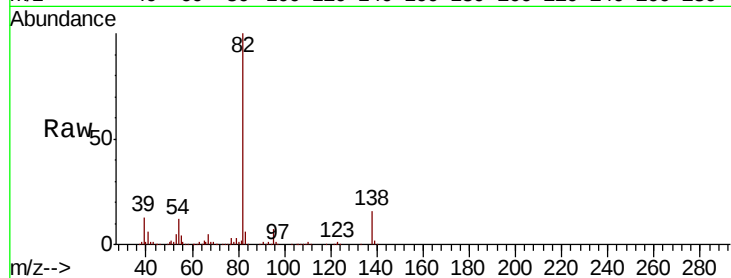
ClientSampleId :

T2-S-A1-A4MSD

Tot Ion:	82	Resp:	835032
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.8	8.6
138	16.3	13.5	20.3

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#26

2-Nitrophenol

Concen: 61.806 ng

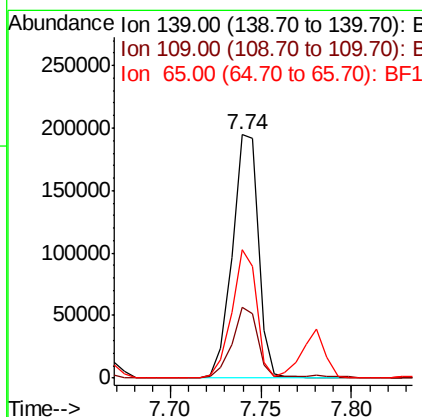
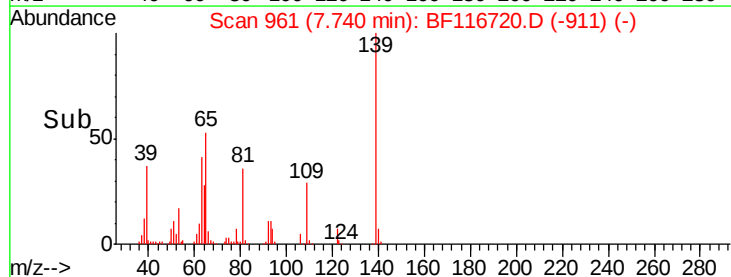
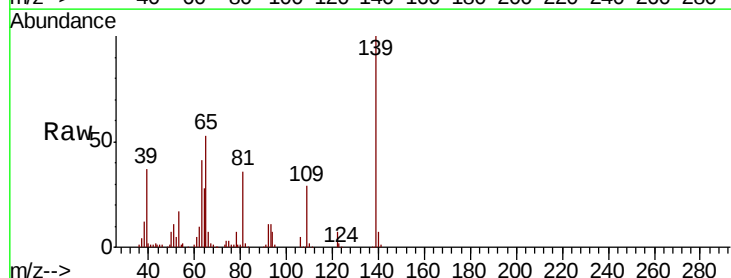
RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

Tgt Ion:	139	Resp:	195208
Ion Ratio	Lower	Upper	
139	100		
109	29.0	27.1	40.7
65	52.9	43.0	64.6





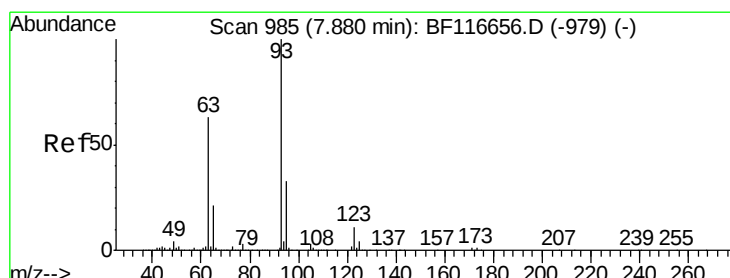
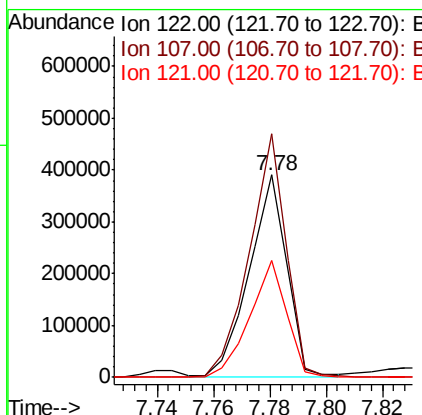
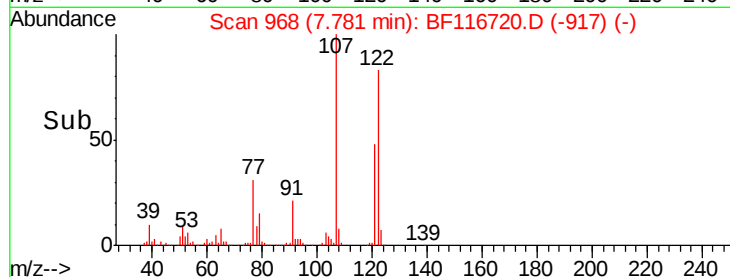
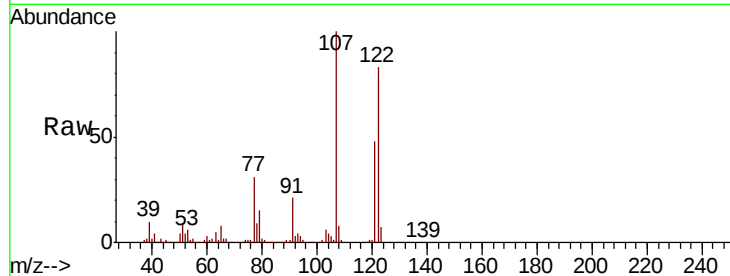
#27
2,4-Dimethylphenol
Concen: 56.862 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	362705		
107	120.2	98.1	147.1	
121	57.6	47.3	70.9	

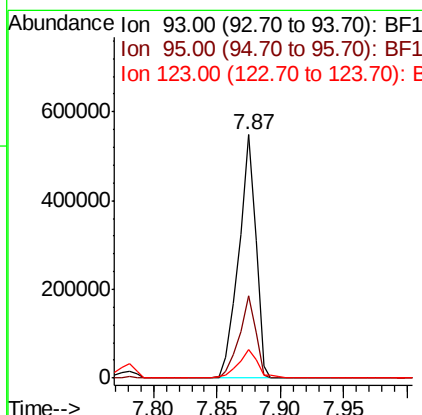
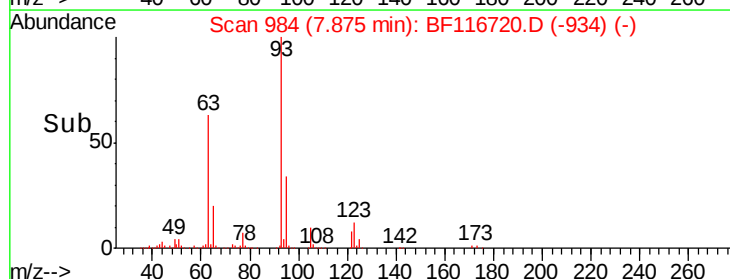
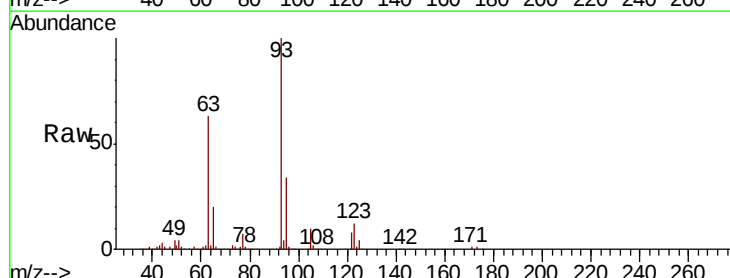
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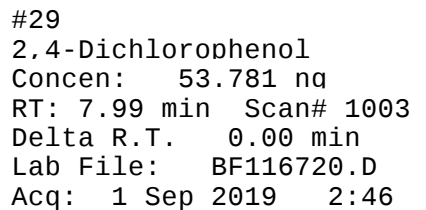
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 49.061 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	507454		
95	33.8	26.4	39.6	
123	11.7	9.8	14.8	



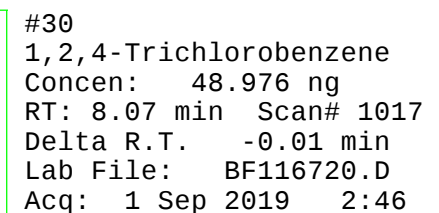
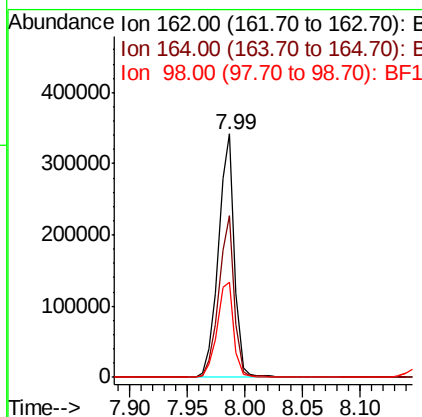


Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MSD

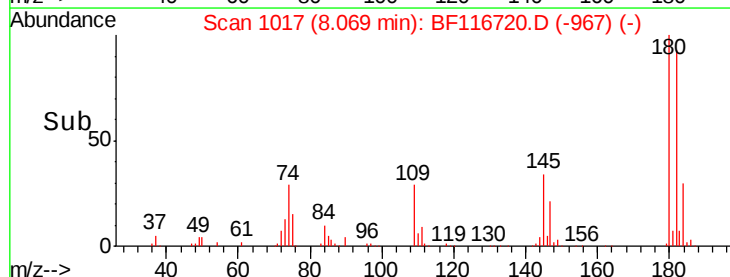
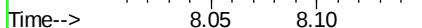
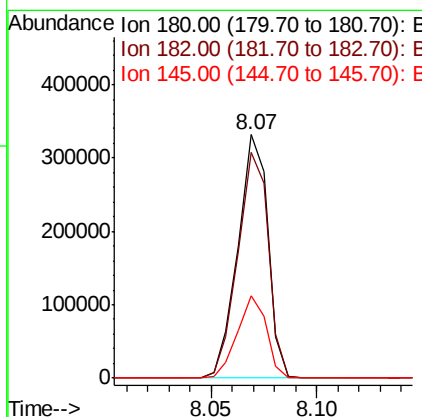
Manual Integrations
APPROVED

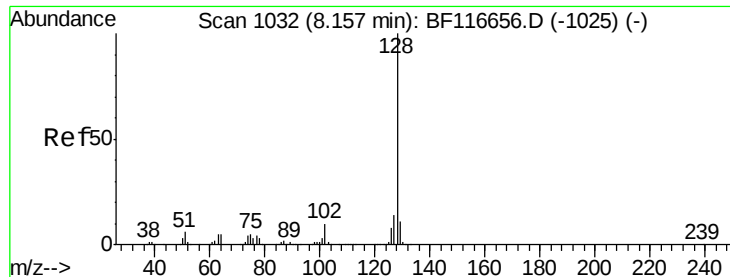
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Tqt	Ion:162	Resp:	329681
Ion	Ratio	Lower	Upper
162	100		
164	66.2	43.4	83.4
98	39.1	18.1	58.1



Tgt	Ion:180	Resp:	325638
Ion	Ratio	Lower	Upper
180	100		
182	92.6	78.6	118.0
145	33.8	25.7	38.5





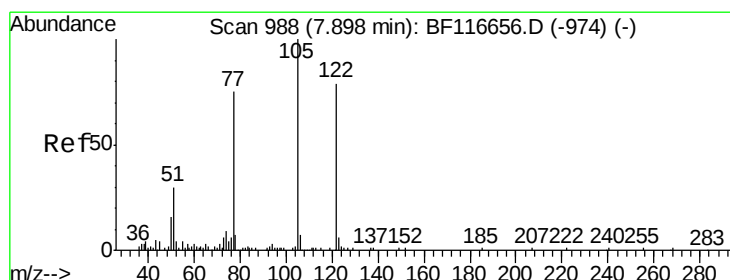
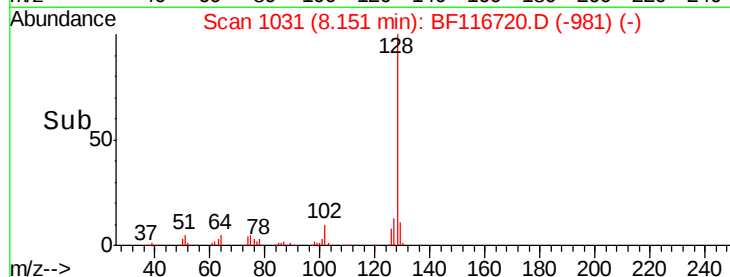
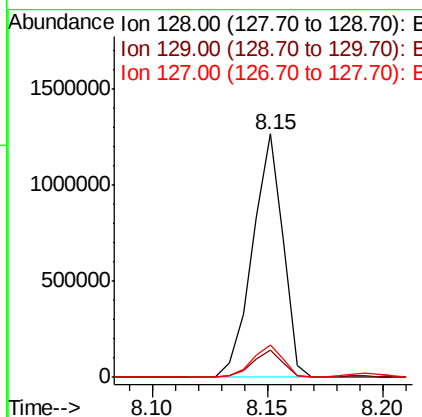
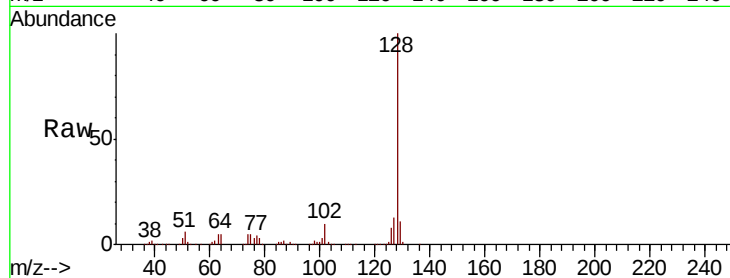
#31
Naphthalene
Concen: 51.117 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	13.0
127	13.3	10.4	15.6

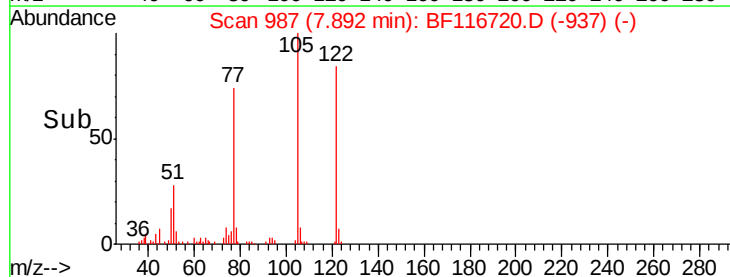
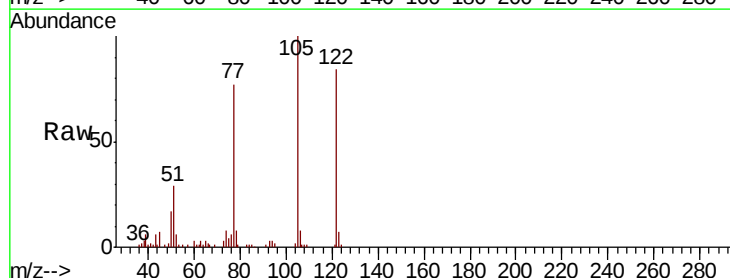
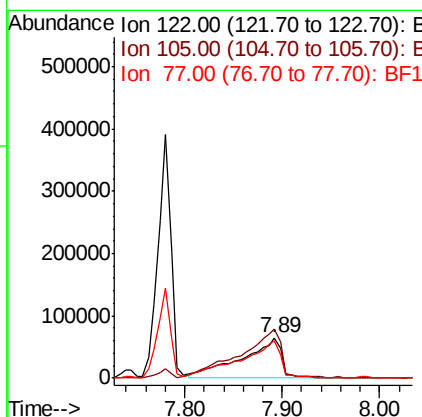
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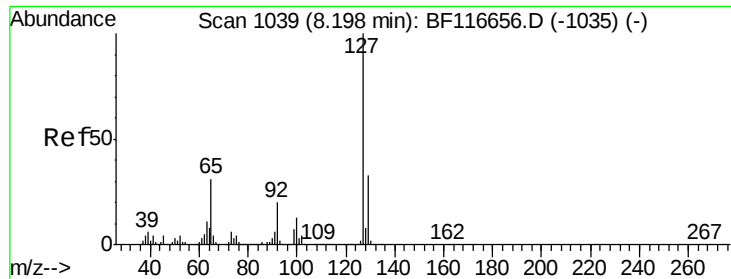
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#32
Benzoic acid
Concen: 50.466 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.7	110.0	150.0
77	92.2	81.7	121.7





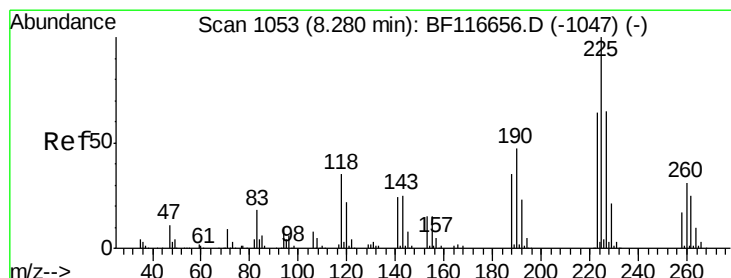
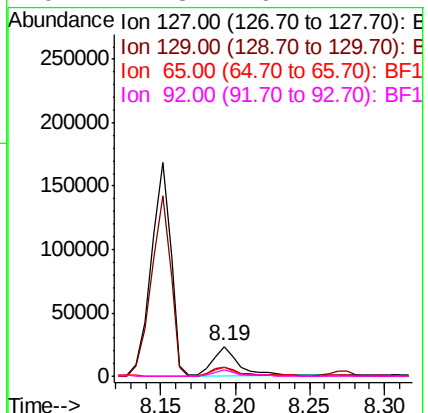
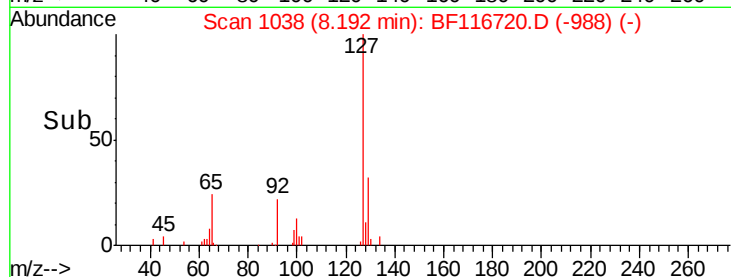
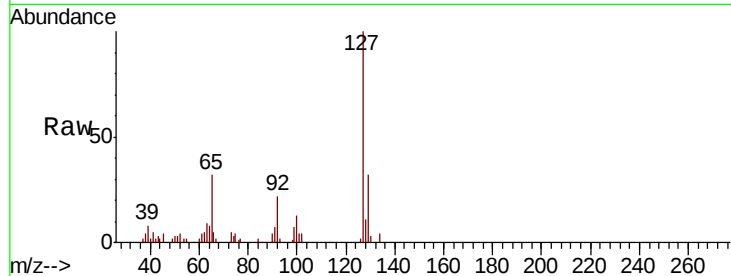
#33
4-Chloroaniline
Concen: 2.726 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		28136		
129	31.8	26.2	39.2		
65	31.6	26.0	39.0		
92	22.3	16.1	24.1		

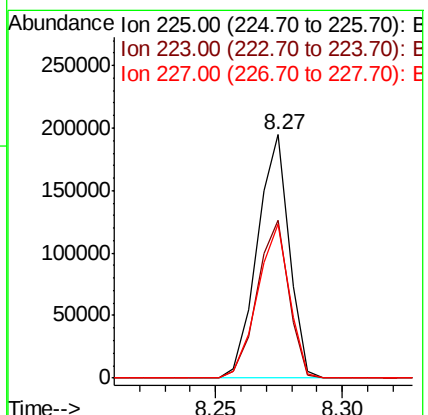
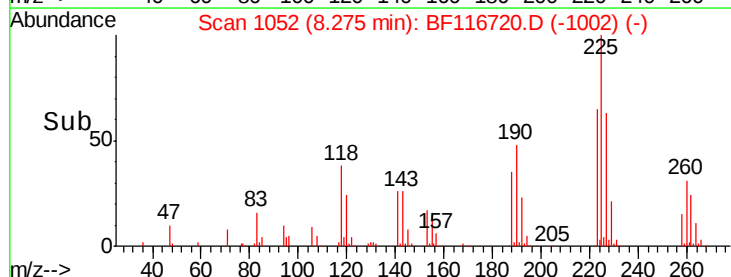
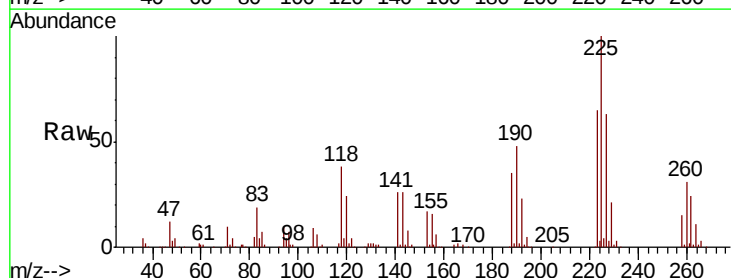
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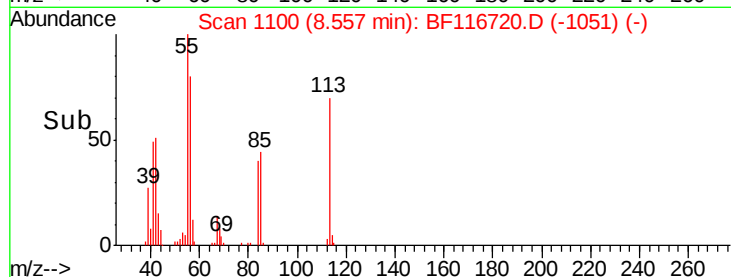
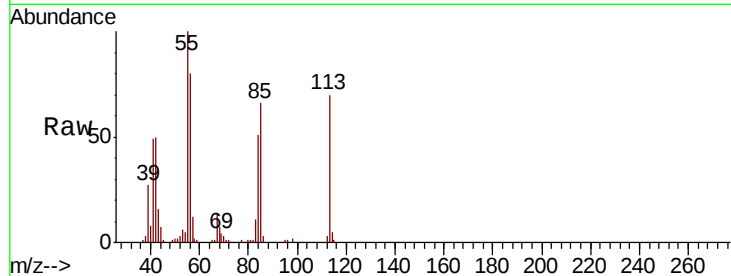
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#34
Hexachlorobutadiene
Concen: 47.317 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		171537		
223	64.7	49.4	74.2		
227	63.4	51.0	76.4		





#35

Caprolactam

Concen: 44.589 ng/ml

RT: 8.56 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

Tot Ion:	113	Resp:	102293
Ion Ratio	Lower	Upper	
113	100		
55	143.6	124.3	164.3
56	114.3	94.6	134.6

Instrument :

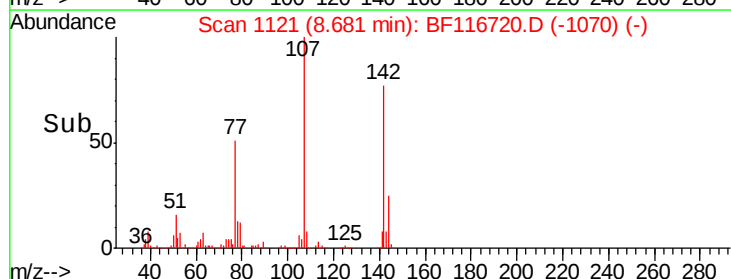
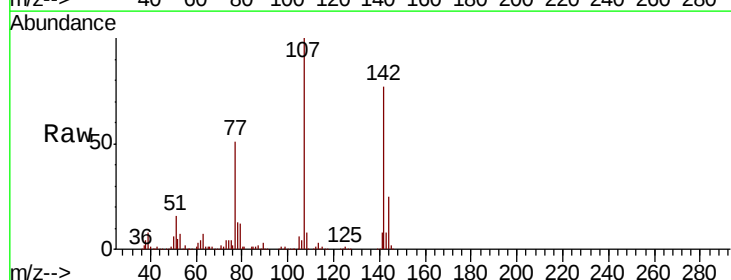
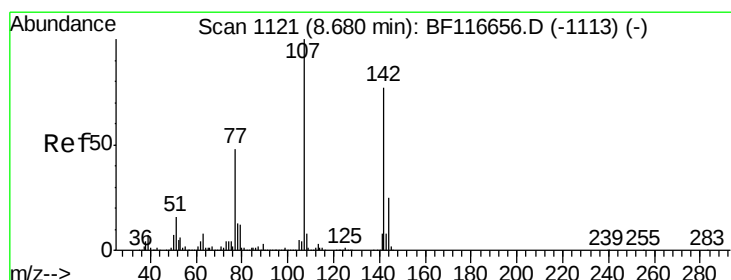
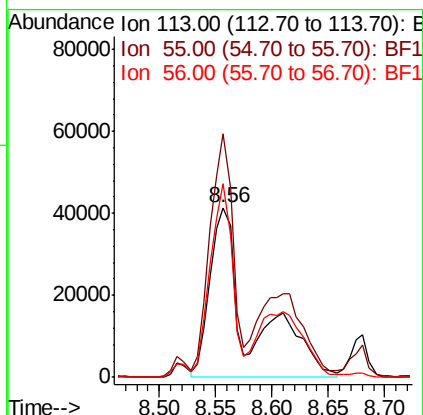
BNA_F

ClientSampleId :

T2-S-A1-A4MSD

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#36

4-Chloro-3-methylphenol

Concen: 55.106 ng/ml

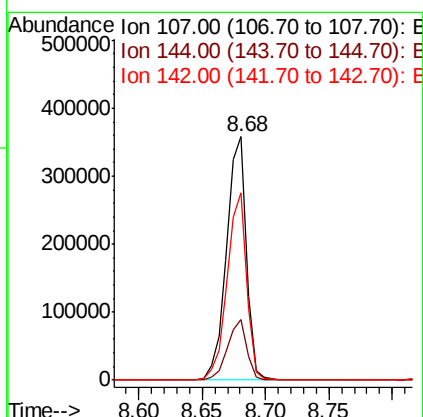
RT: 8.68 min Scan# 1121

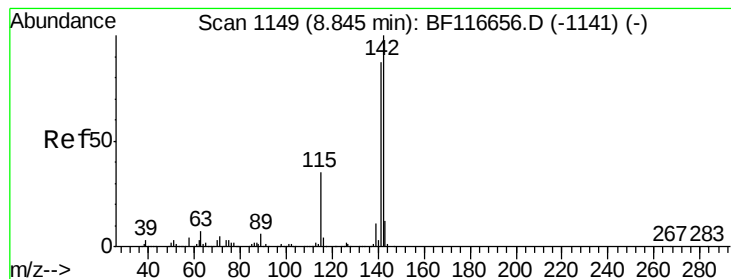
Delta R.T. 0.00 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

Tgt Ion:	107	Resp:	388248
Ion Ratio	Lower	Upper	
107	100		
144	24.9	18.6	27.8
142	76.8	58.5	87.7





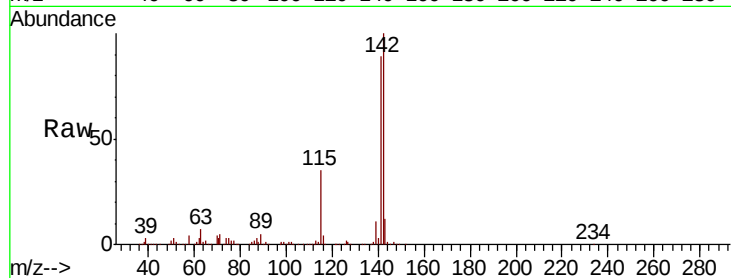
#37
2-Methylnaphthalene
Concen: 52.766 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	796052		
141	88.7	72.6	109.0	
115	34.9	29.8	44.6	

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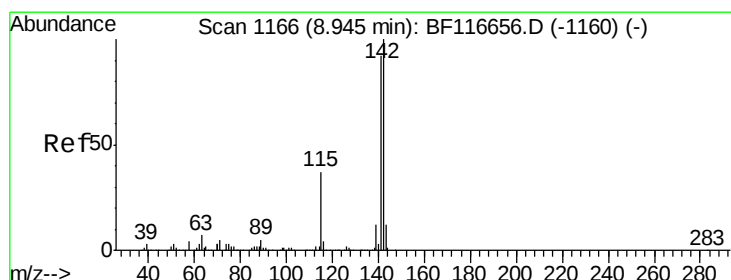
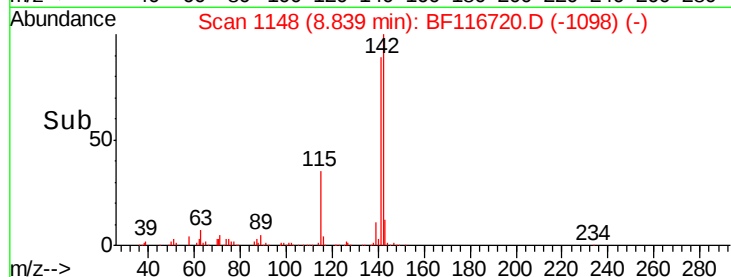
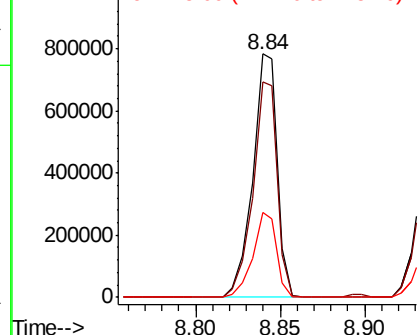


Abundance

Ion 142.00 (141.70 to 142.70): E

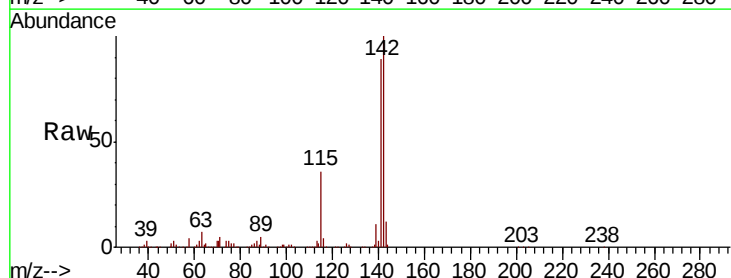
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 52.276 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	744490		
141	89.1	73.9	110.9	
116	3.6	3.0	4.6	

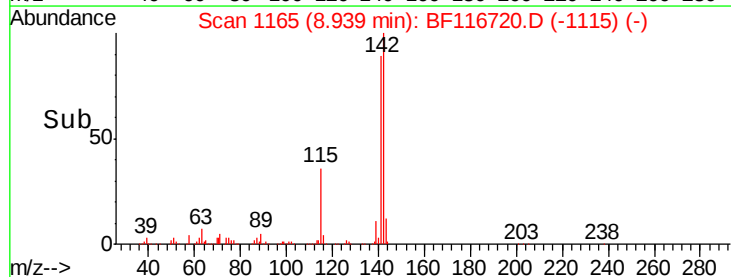
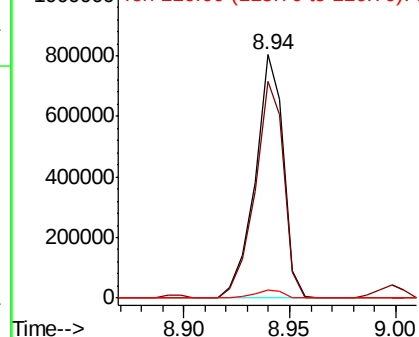


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





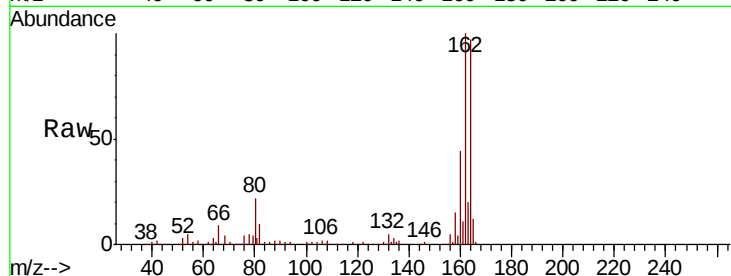
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	248510		
162	102.8	81.4	122.0	
160	45.3	35.4	53.2	

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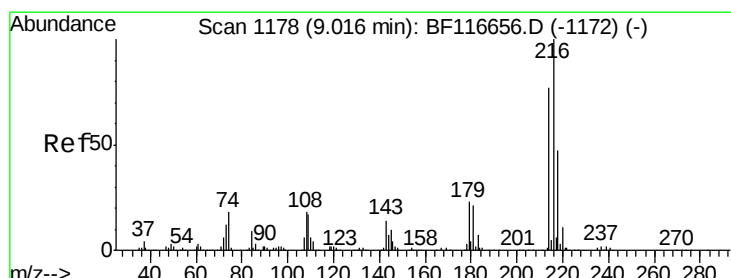
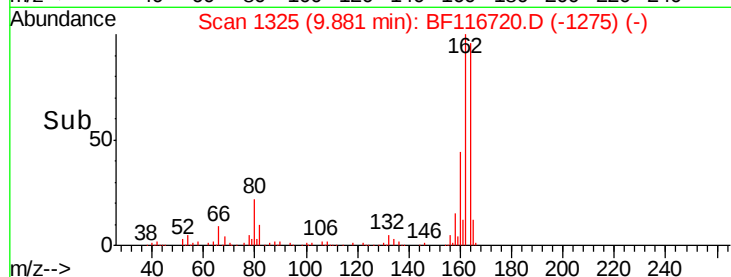
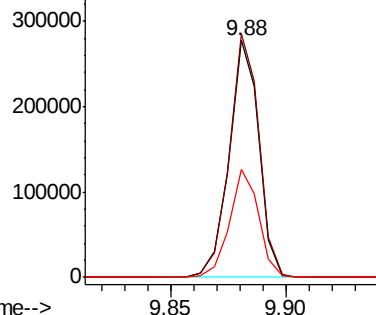


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.250 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	287437		
214	80.9	62.7	94.1	
179	24.2	19.3	28.9	
108	25.2	16.6	25.0	#

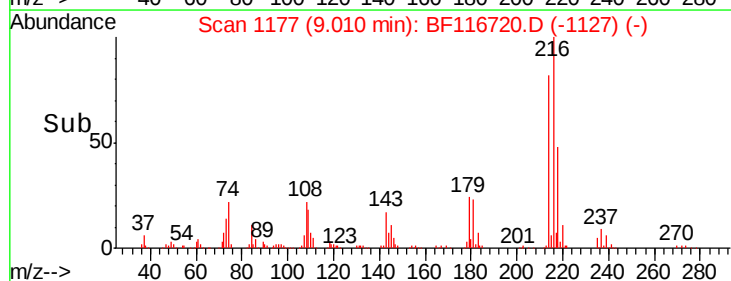
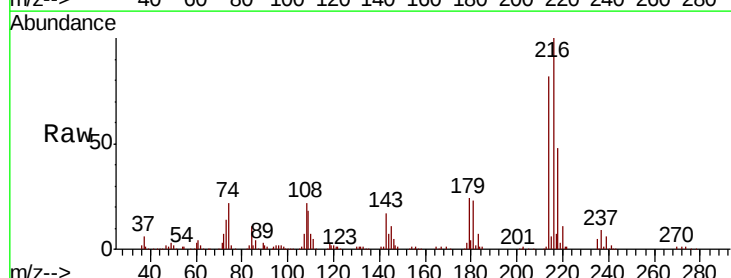
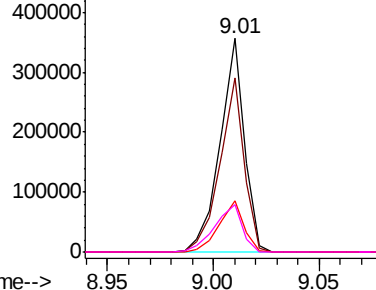
Abundance

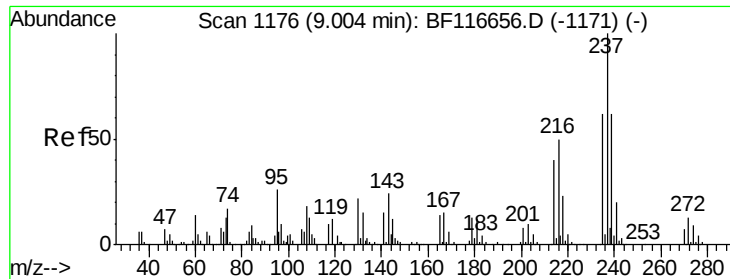
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 70.677 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

Instrument :

BNA_F

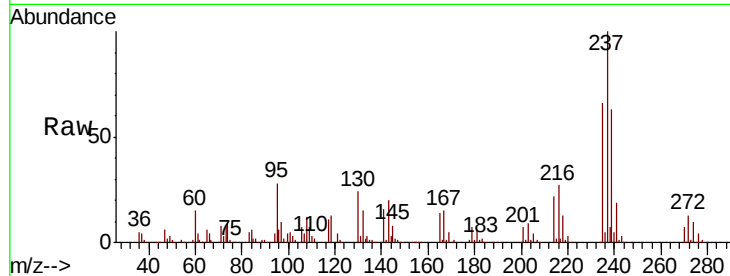
ClientSampleId :

T2-S-A1-A4MSD

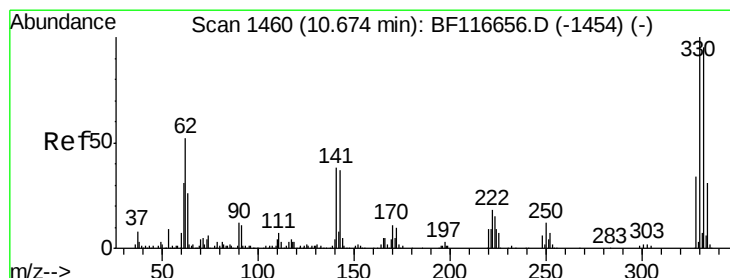
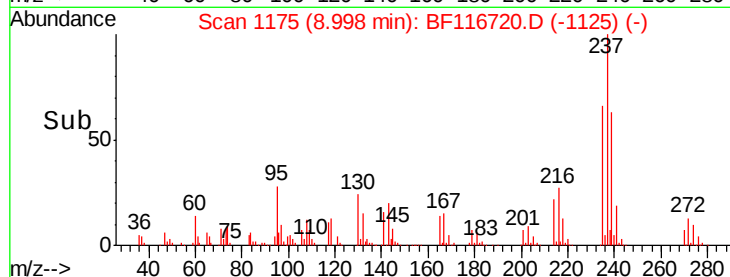
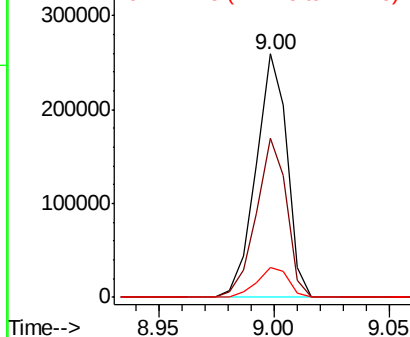
Tot Ion:	237	Resp:	243138
Ion Ratio	Lower	Upper	
237	100		
235	65.5	41.4	81.4
272	12.5	0.0	32.8

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



#42

2,4,6-Tribromophenol

Concen: 168.018 ng

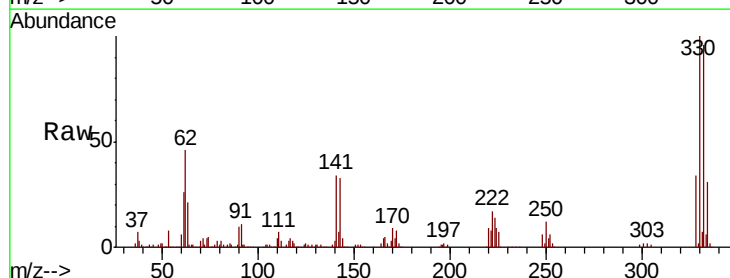
RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

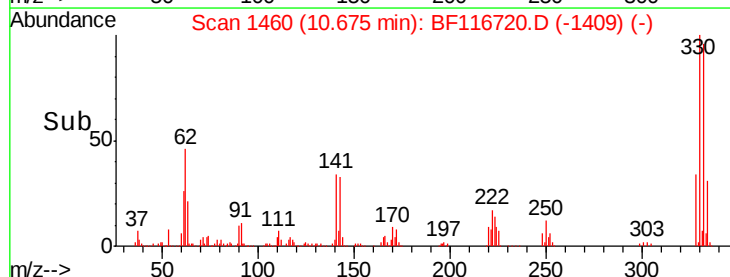
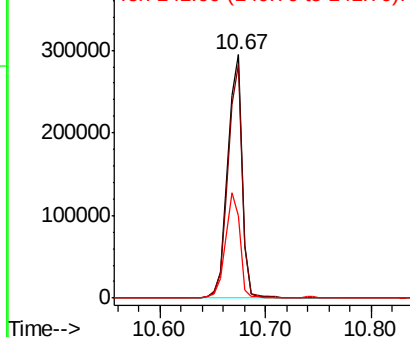
Lab File: BF116720.D

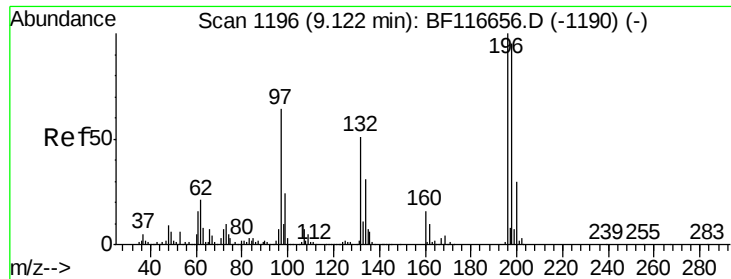
Acq: 1 Sep 2019 2:46

Tgt Ion:	330	Resp:	279135
Ion Ratio	Lower	Upper	
330	100		
332	95.0	76.9	115.3
141	43.4	31.4	47.2



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





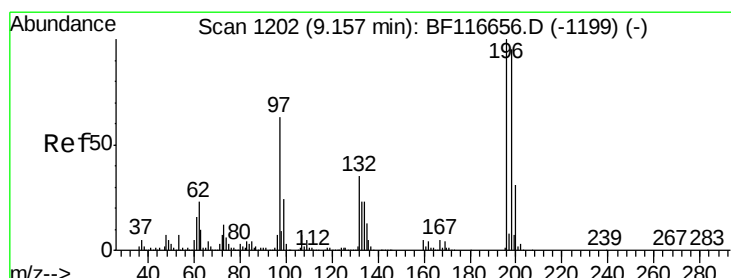
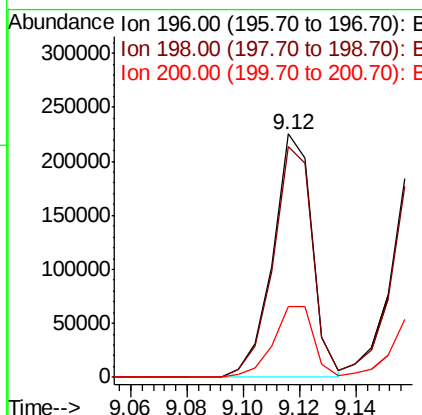
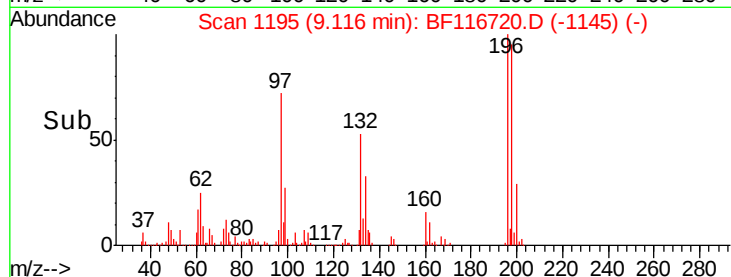
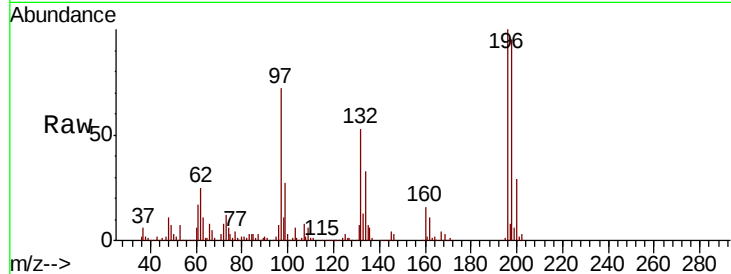
#43
 2,4,6-Trichlorophenol
 Concen: 53.100 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF116720.D
 Acq: 1 Sep 2019 2:46

Instrument :
 BNA_F
 ClientSampleId :
 T2-S-A1-A4MSD

Tot Ion:	196	Resp:	216844
Ion Ratio	Lower	Upper	
196	100		
198	94.8	79.1	118.7
200	29.2	24.0	36.0

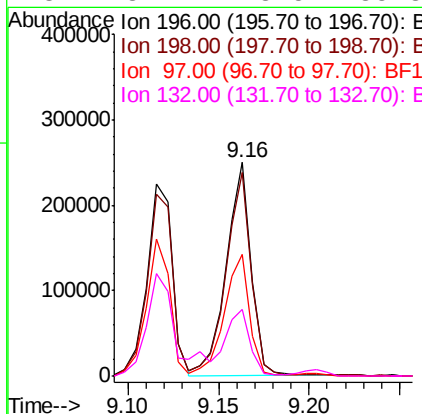
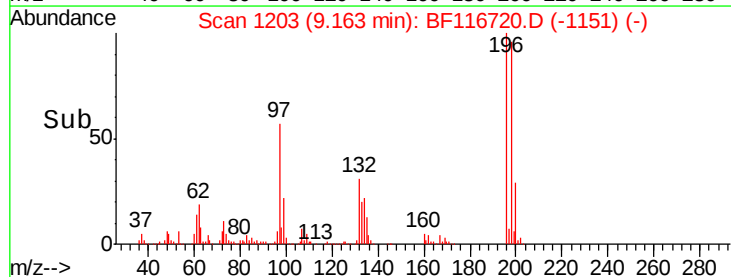
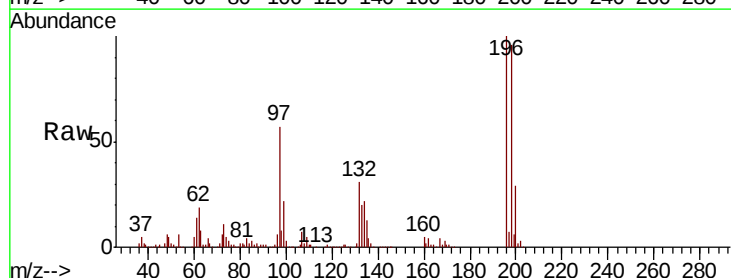
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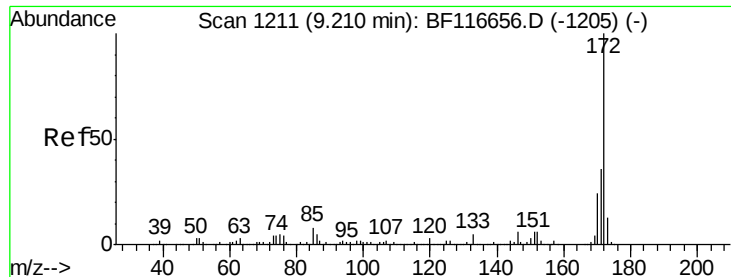
mohammad
 9/5/2019 9:23:47 AM



#44
 2,4,5-Trichlorophenol
 Concen: 56.363 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.01 min
 Lab File: BF116720.D
 Acq: 1 Sep 2019 2:46

Tgt Ion:	196	Resp:	238956
Ion Ratio	Lower	Upper	
196	100		
198	95.6	78.1	117.1
97	57.1	41.6	62.4
132	31.1	23.5	35.3





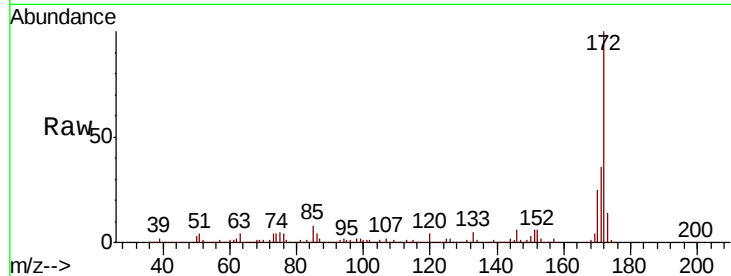
#45
2-Fluorobiphenyl
Concen: 96.527 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	27.8	41.6
170	24.5	18.9	28.3

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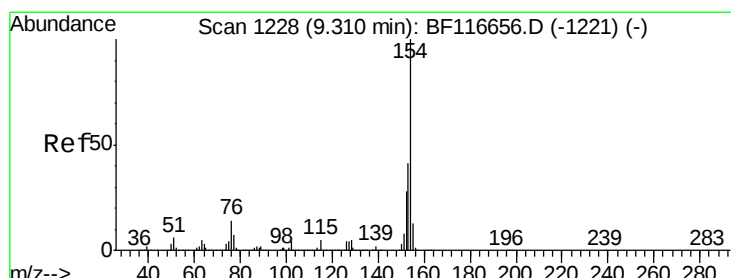
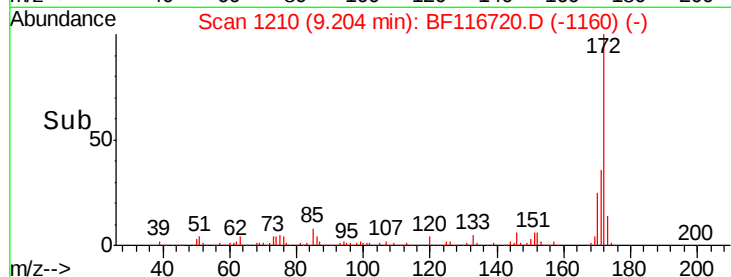
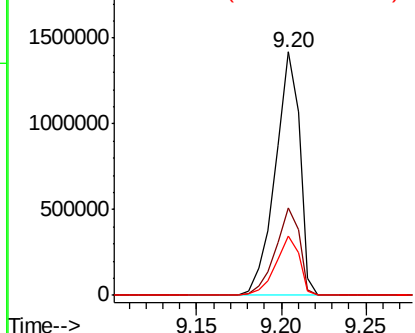


Abundance

Ion 172.00 (171.70 to 172.70): E

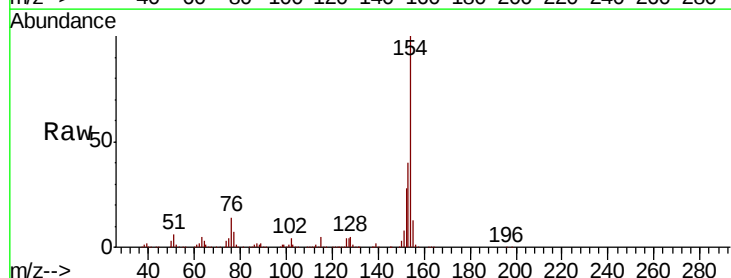
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 49.950 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	21.2	61.2
76	14.0	0.0	30.9

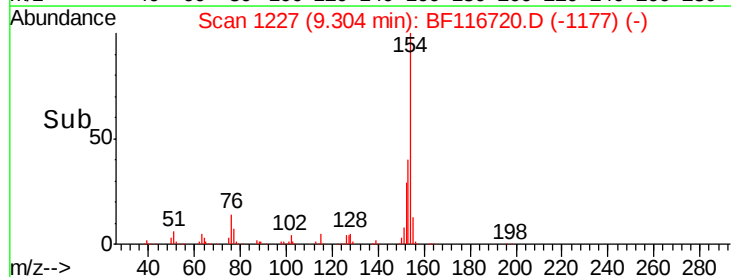
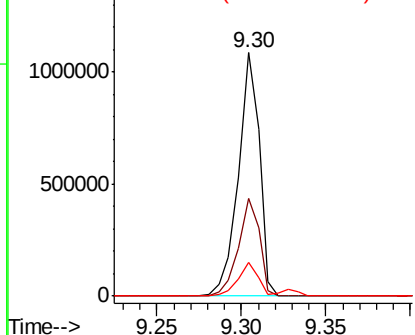


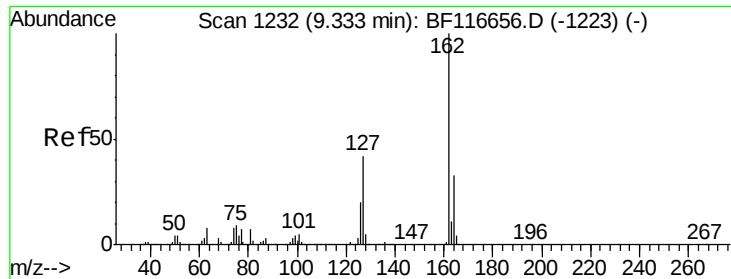
Abundance

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





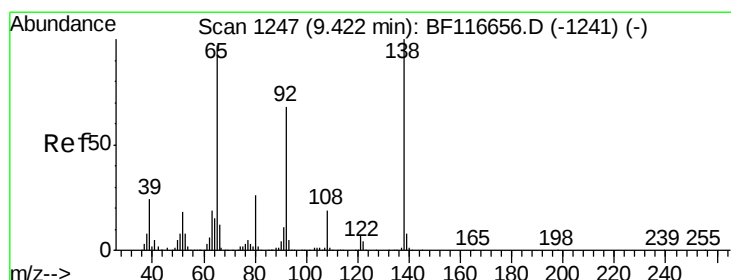
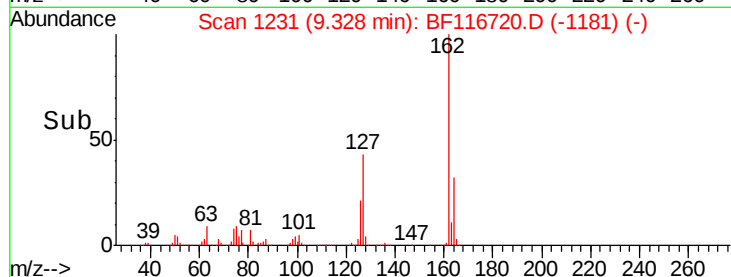
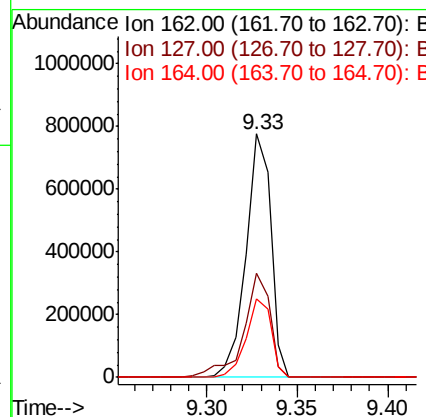
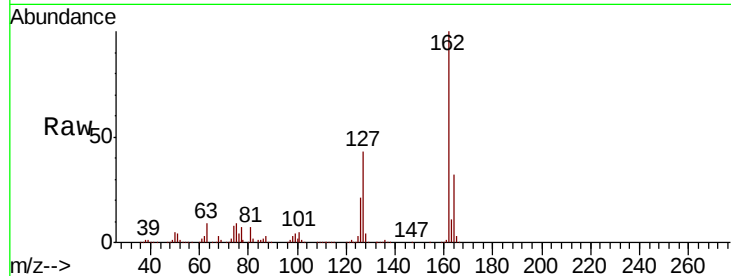
#47
2-Chloronaphthalene
Concen: 49.556 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	740154		
127	42.5	33.4	50.2	
164	32.3	26.6	39.8	

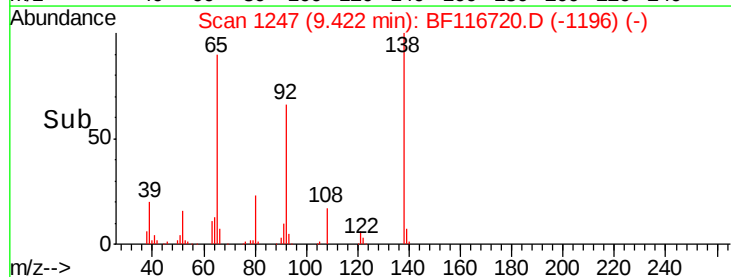
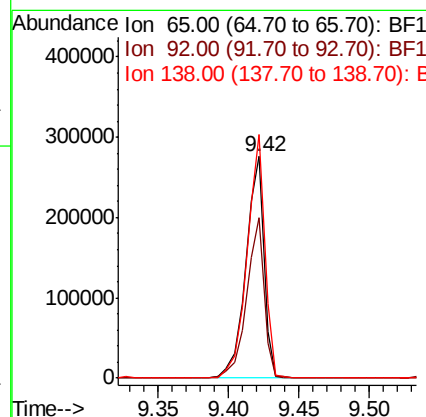
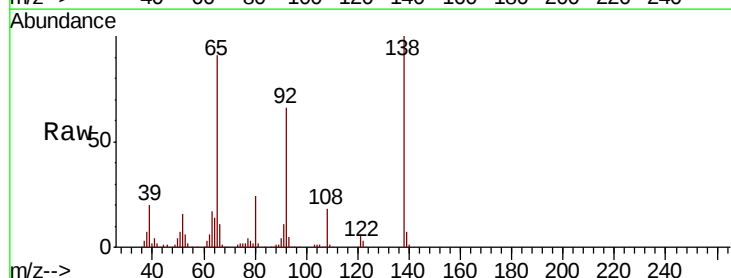
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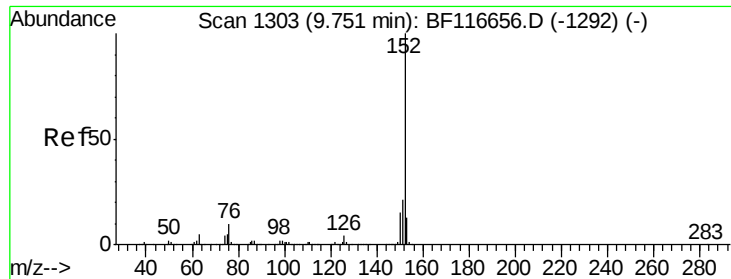
mohammad
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#48
2-Nitroaniline
Concen: 57.059 ng
RT: 9.42 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	246376		
92	72.7	57.1	85.7	
138	110.0	88.2	132.2	





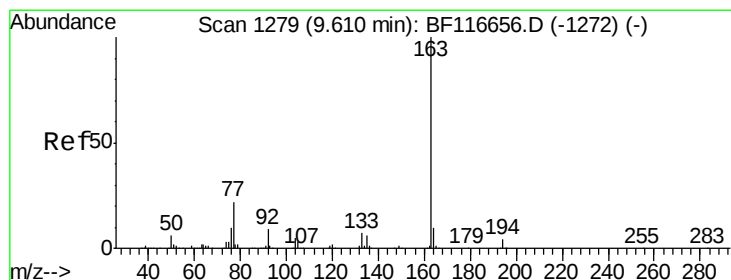
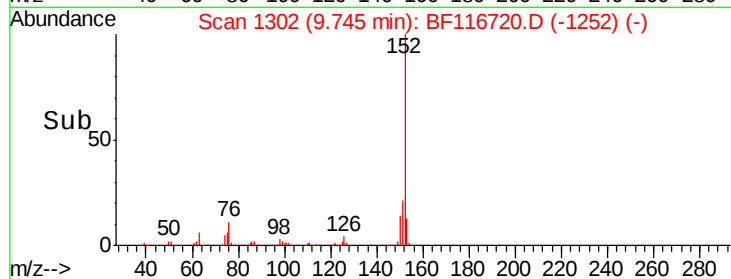
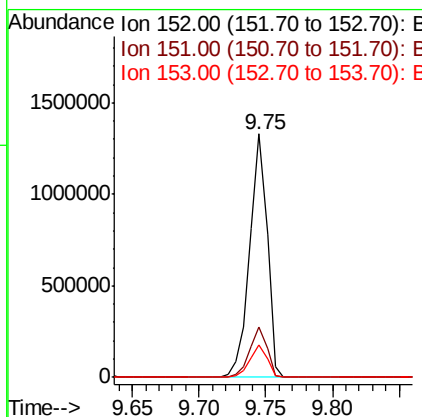
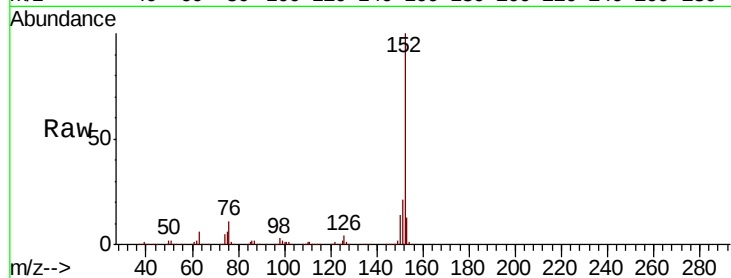
#49
Acenaphthylene
Concen: 52.548 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		1186381		
151	20.5			15.9	23.9
153	13.3			10.9	16.3

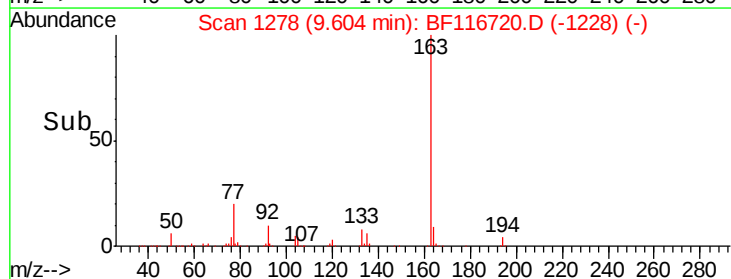
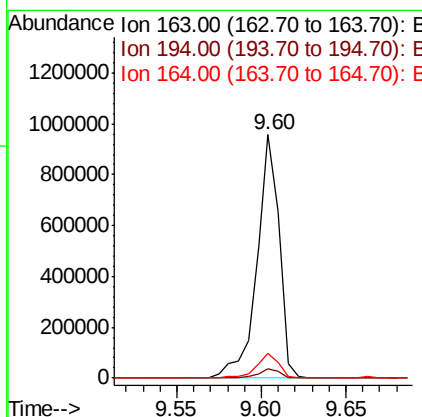
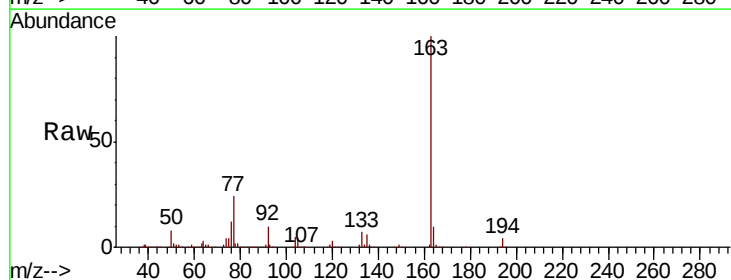
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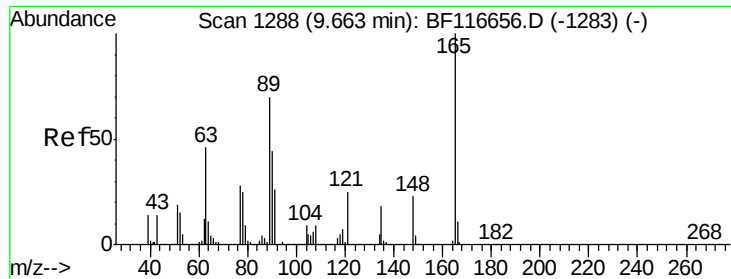
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#50
Dimethylphthalate
Concen: 51.279 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		879790		
194	3.6			2.8	4.2
164	10.2			8.6	12.8





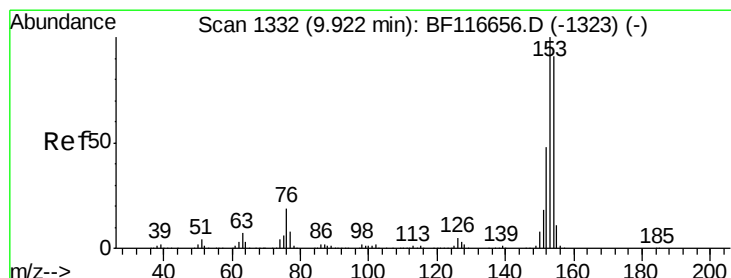
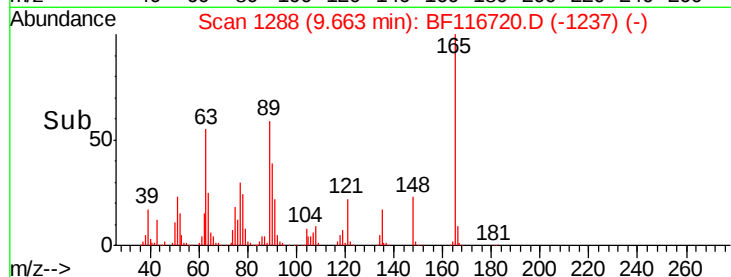
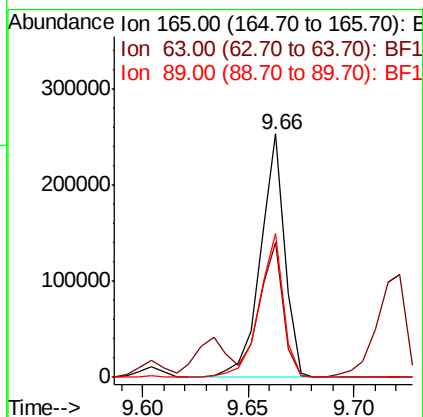
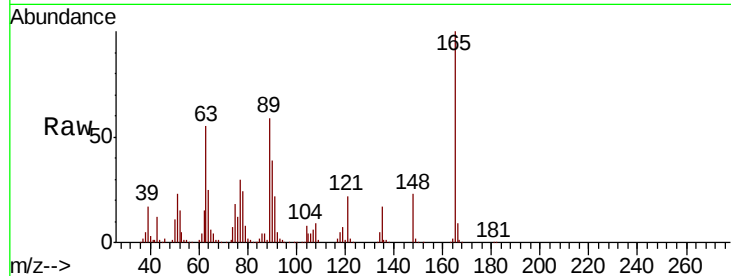
#51
2,6-Dinitrotoluene
Concen: 61.974 ng
RT: 9.66 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	202870		
63	55.2	47.3	70.9	
89	59.3	52.5	78.7	

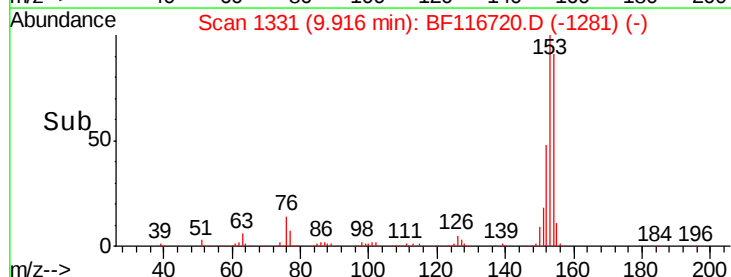
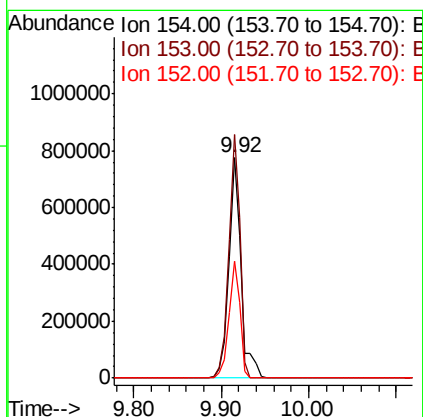
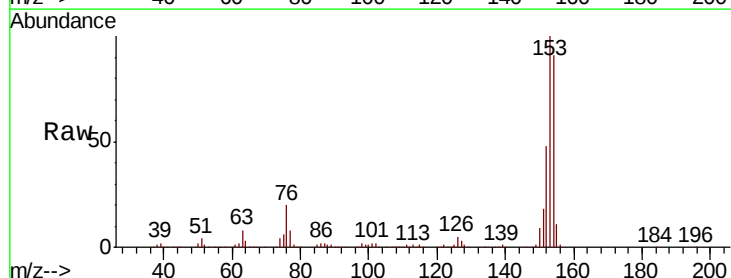
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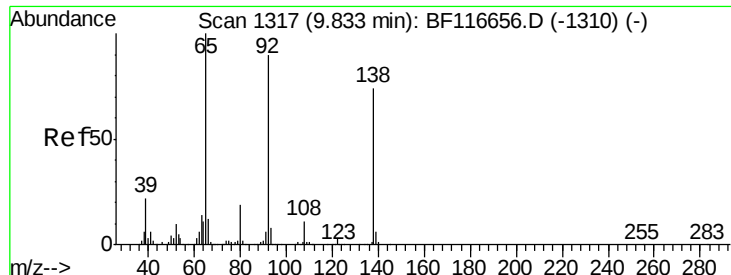
mohammad
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#52
Acenaphthene
Concen: 53.720 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	745213		
153	110.4	89.5	134.3	
152	53.2	41.9	62.9	





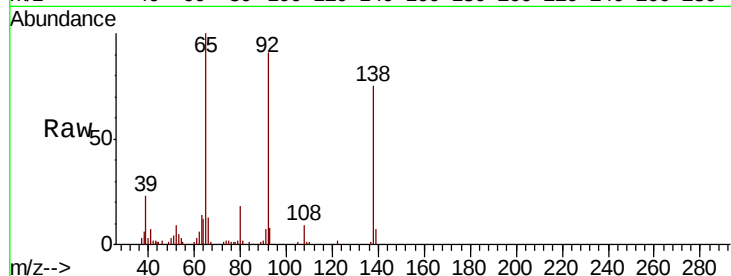
#53
3-Nitroaniline
Concen: 11.359 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.5	8.5	12.7
92	121.0	87.2	130.8

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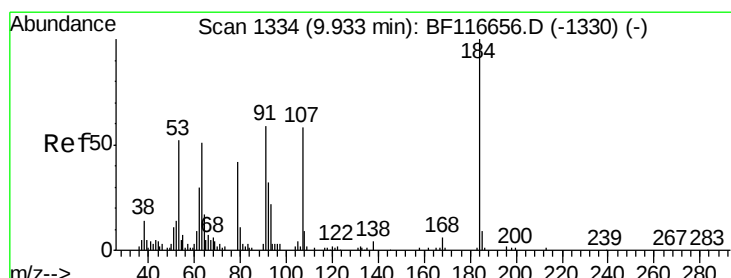
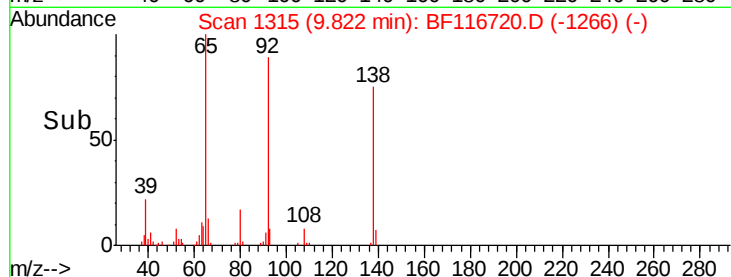
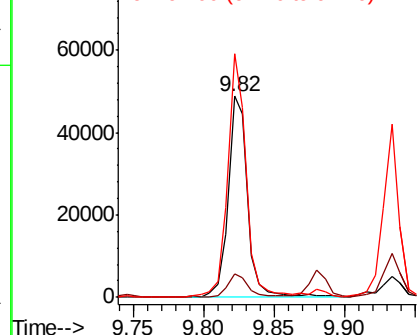


Abundance

Ion 138.00 (137.70 to 138.70): E

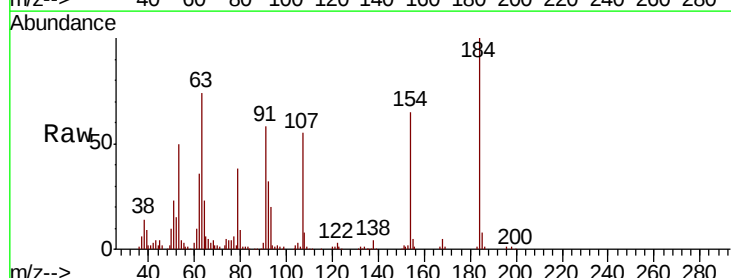
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 93.010 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Tgt Ion	Ratio	Lower	Upper
184	100		
63	74.0	52.2	78.2
154	65.0	60.8	91.2

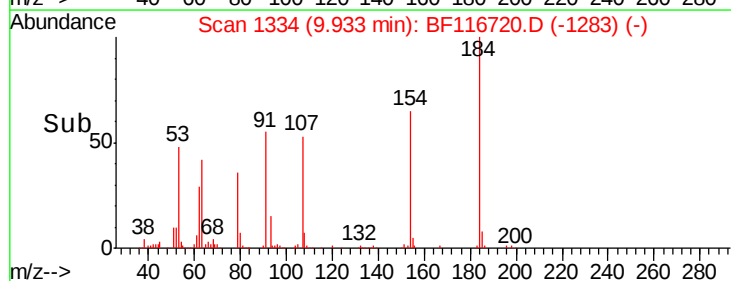
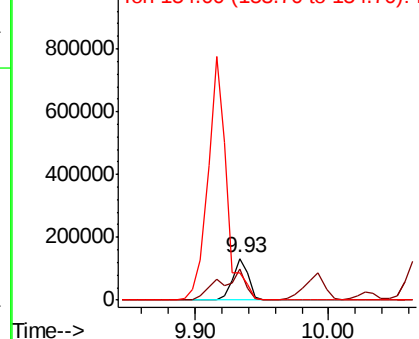


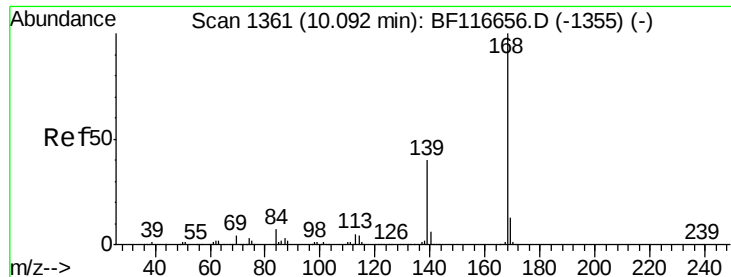
Abundance

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: 53.585 ng

RT: 10.09 min Scan# 1360

Delta R.T. -0.01 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

Instrument :

BNA_F

ClientSampleId :

T2-S-A1-A4MSD

Tot Ion:168 Resp: 1047894

Ion Ratio Lower Upper

168 100

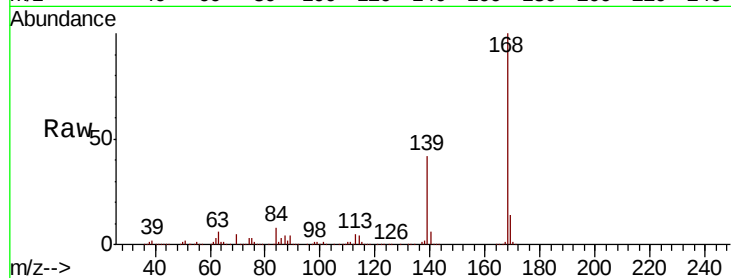
139 41.7 31.5 47.3

169 13.6 10.3 15.5

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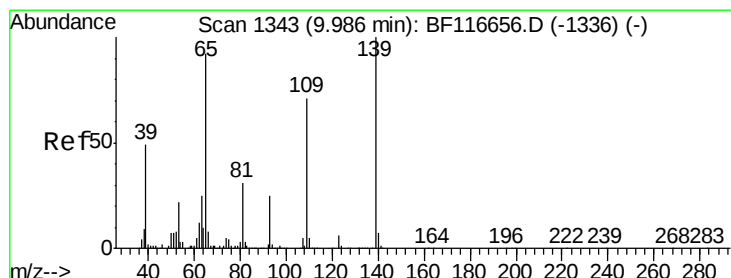
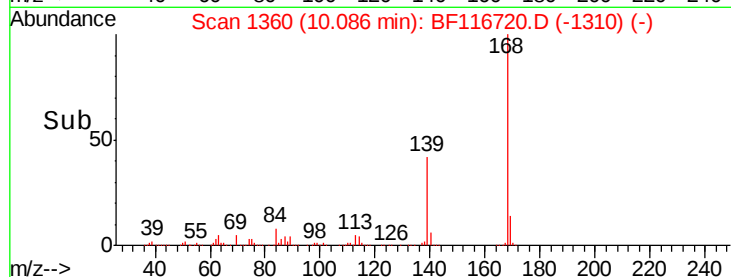
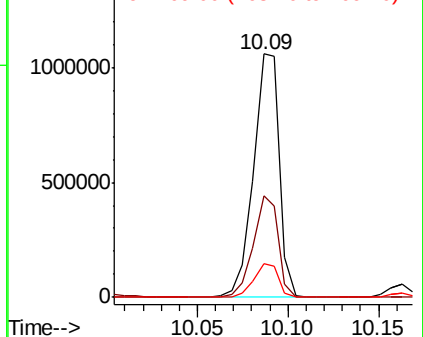
9/5/2019 9:23:47 AM



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 115.269 ng

RT: 9.99 min Scan# 1344

Delta R.T. 0.01 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

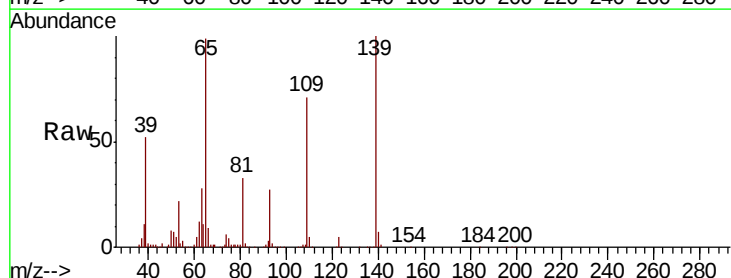
Tgt Ion:139 Resp: 324233

Ion Ratio Lower Upper

139 100

109 71.4 61.7 101.7

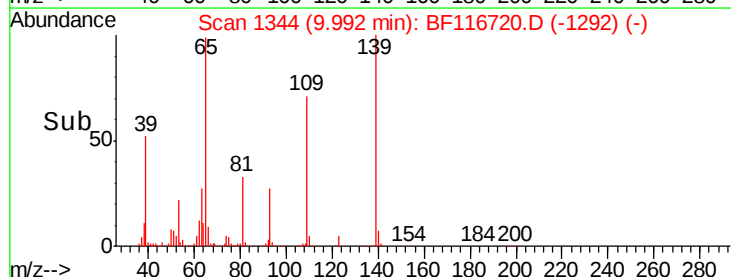
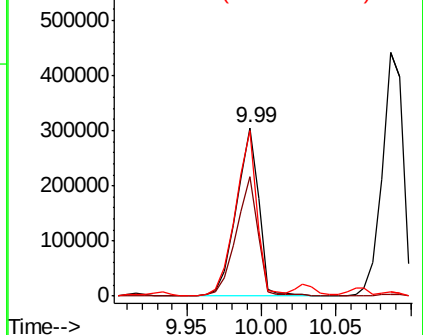
65 98.5 89.1 129.1

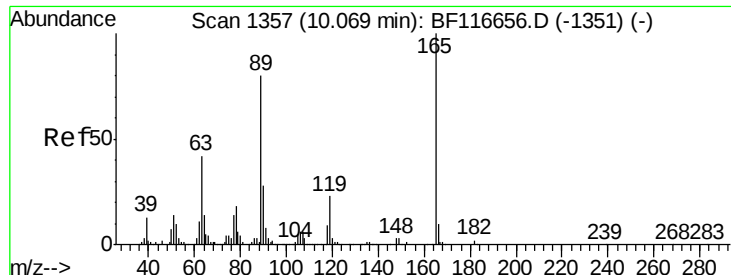


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





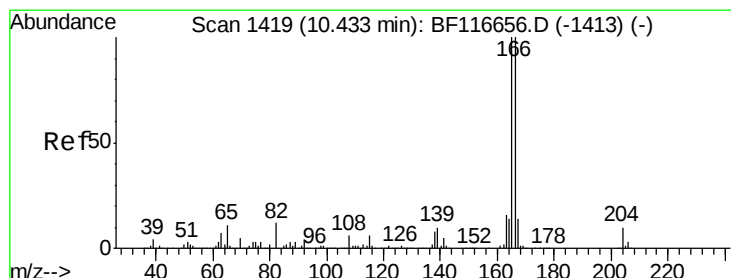
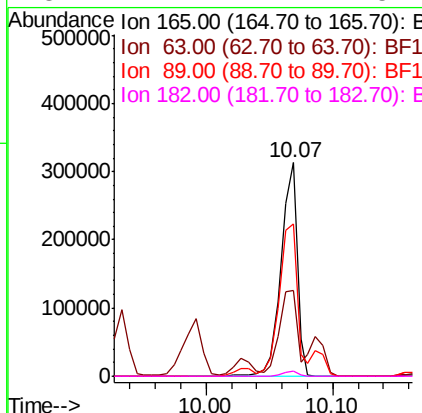
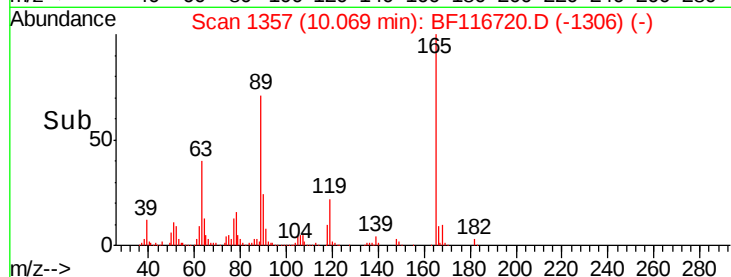
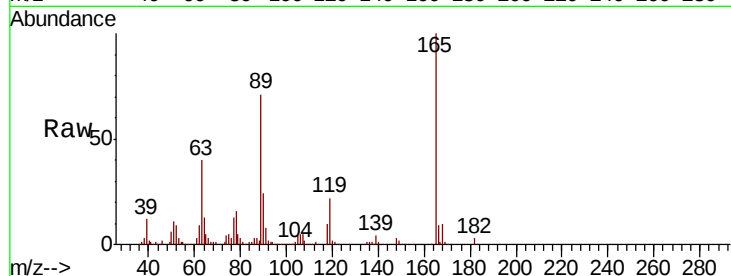
#57
2,4-Dinitrotoluene
Concen: 68.744 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	275155		
63	40.1	36.4	54.6	
89	71.4	62.6	94.0	
182	2.7	2.1	3.1	

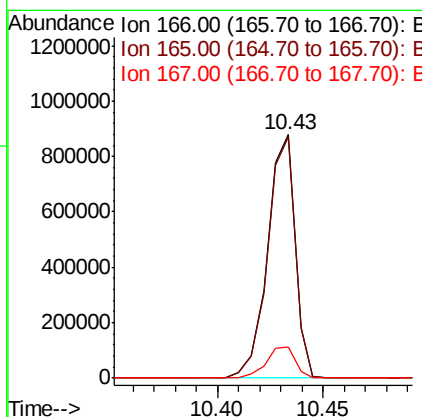
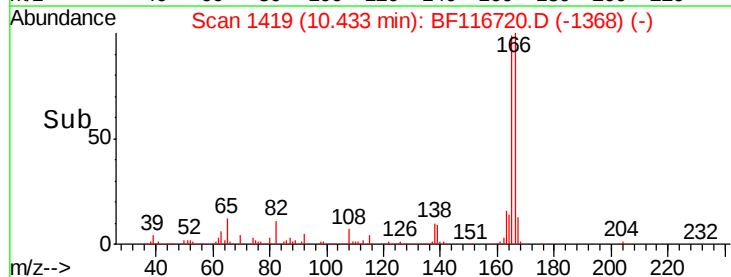
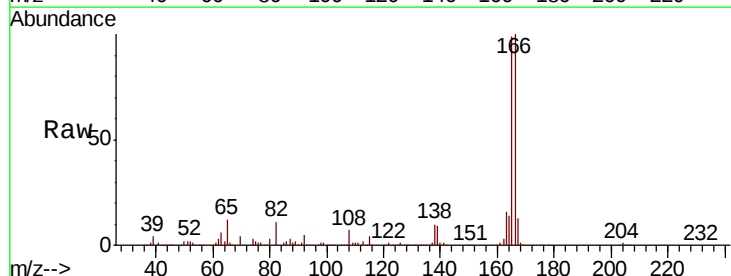
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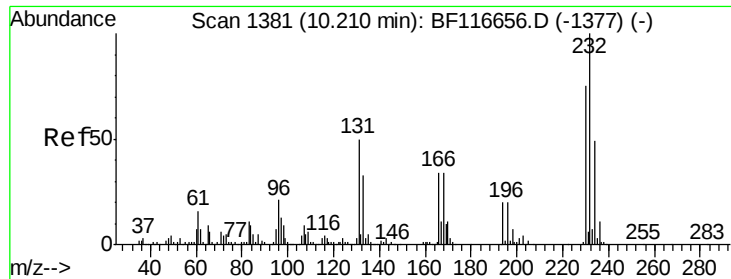
mohammad
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#58
Fluorene
Concen: 53.551 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	797949		
165	98.8	78.8	118.2	
167	13.0	10.0	15.0	





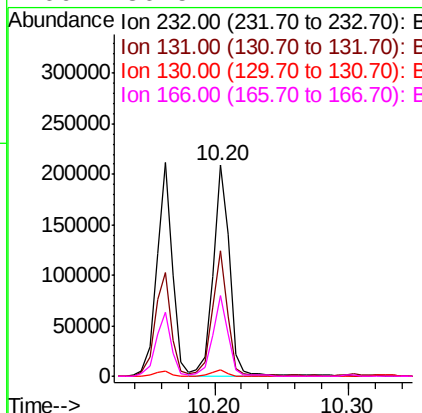
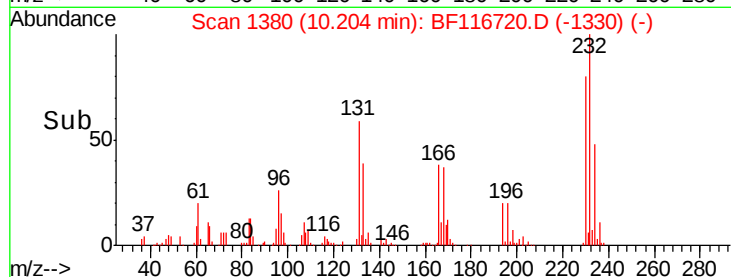
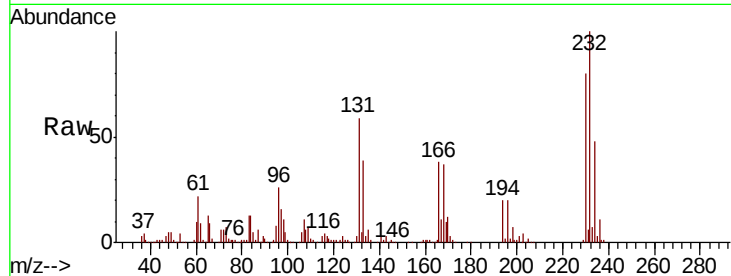
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 58.494 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF116720.D
 Acq: 1 Sep 2019 2:46

Instrument :
 BNA_F
 ClientSampleId :
 T2-S-A1-A4MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	178978		
131	56.7	42.7	64.1	
130	2.6	1.9	2.9	
166	36.5	27.4	41.2	

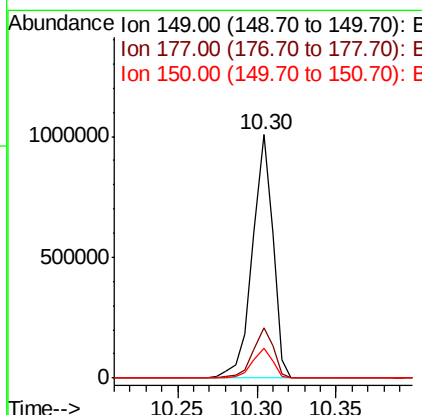
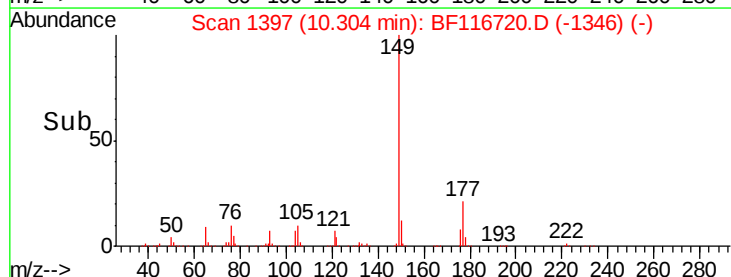
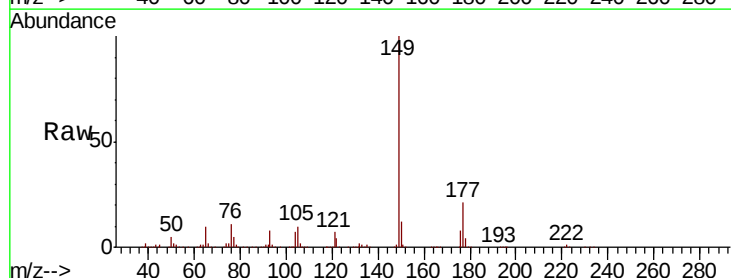
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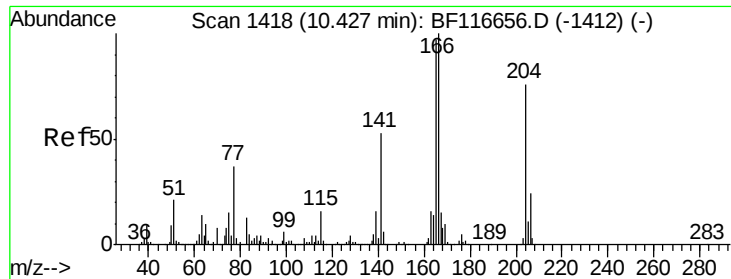
mohammad
 9/5/2019 9:23:47 AM



#60
 Diethylphthalate
 Concen: 52.555 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: BF116720.D
 Acq: 1 Sep 2019 2:46

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	903227		
177	20.6	17.2	25.8	
150	12.4	9.7	14.5	





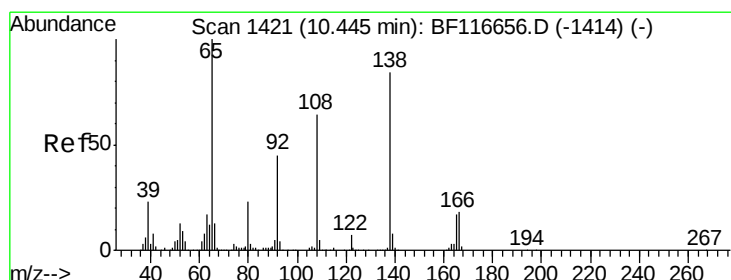
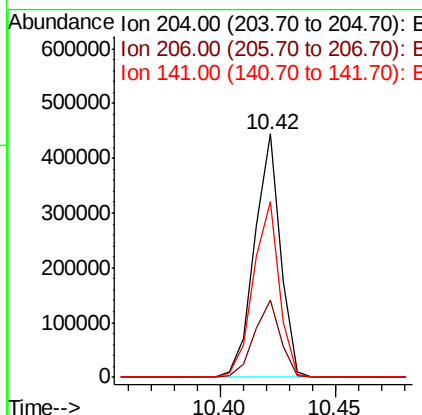
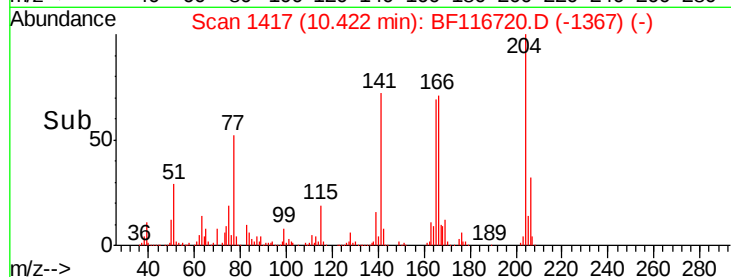
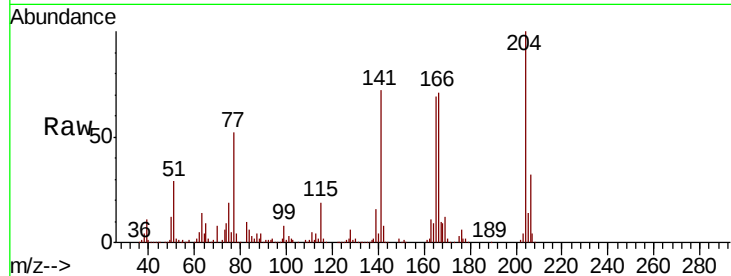
#61
4-Chlorophenyl-phenylether
Concen: 53.454 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	348785		
206	31.7	25.4	38.2	
141	72.1	53.8	80.8	

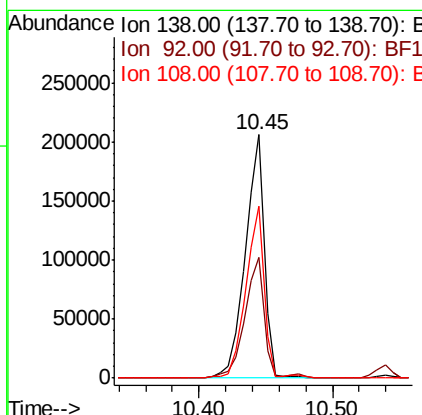
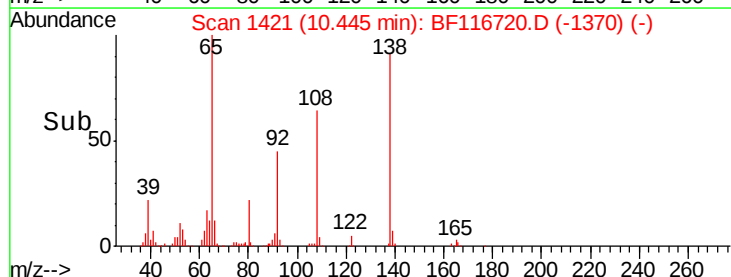
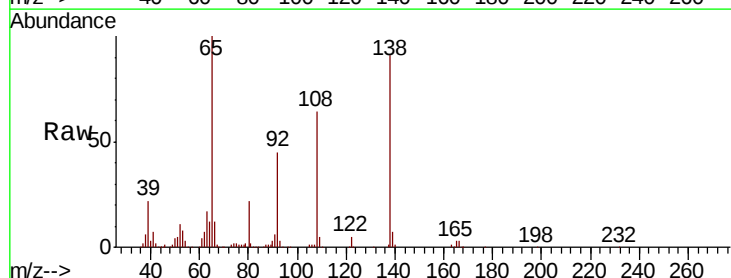
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#62
4-Nitroaniline
Concen: 50.877 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	202547		
92	49.5	28.7	68.7	
108	70.6	60.4	100.4	





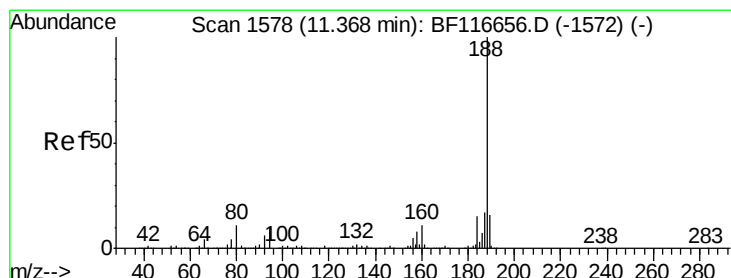
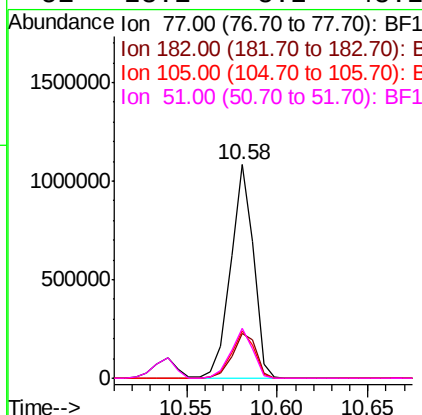
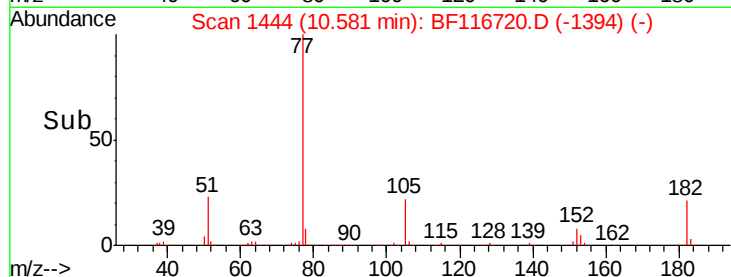
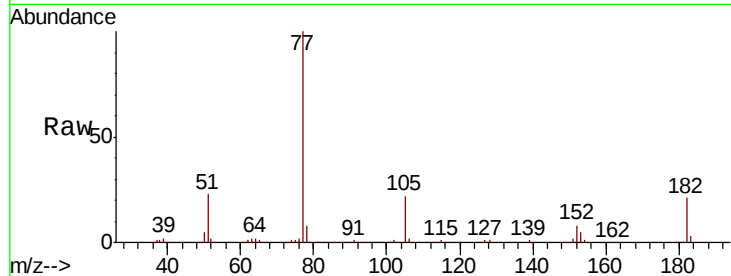
#63
Azobenzene
Concen: 52.917 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	21.1	1.2	41.2		
105	22.2	0.6	40.6		
51	23.1	8.2	48.2		

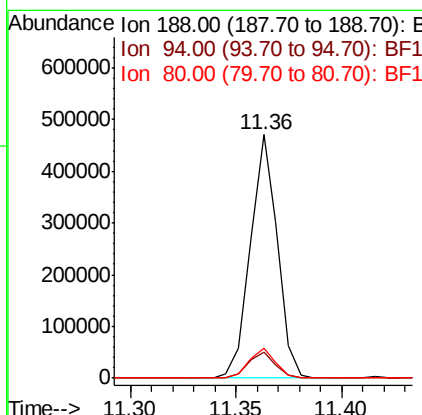
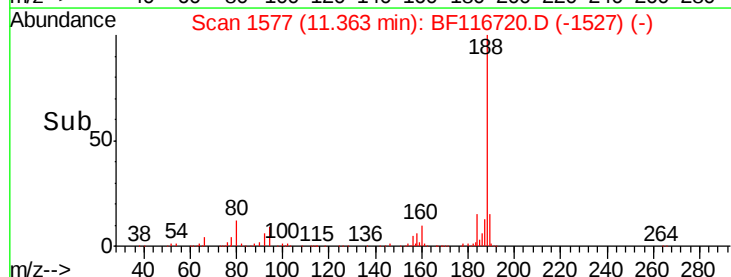
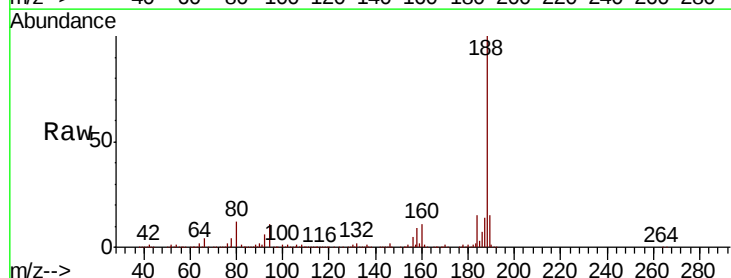
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	10.8	7.3	10.9		
80	12.5	8.4	12.6		





#65

4,6-Dinitro-2-methylphenol

Concen: 54.457 ng

RT: 10.47 min Scan# 1426

Delta R.T. 0.00 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

Instrument :

BNA_F

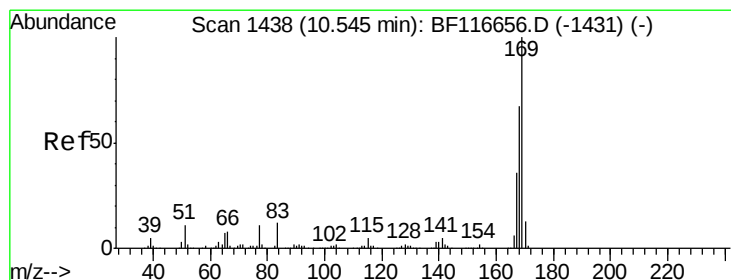
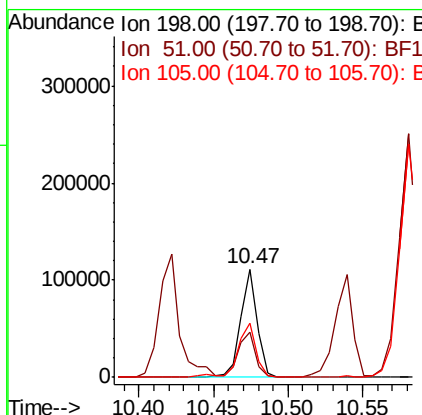
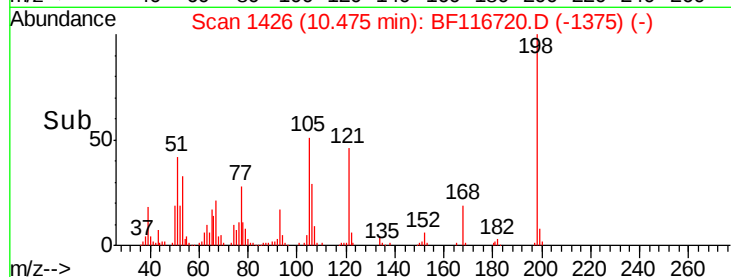
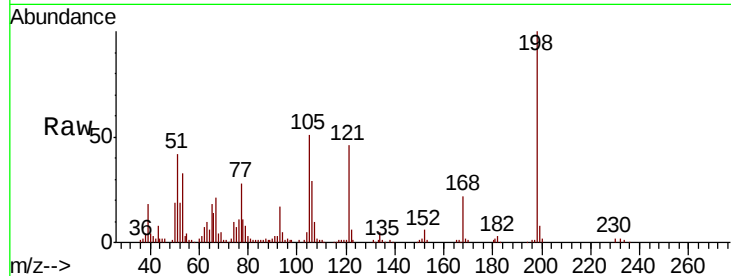
ClientSampleId :

T2-S-A1-A4MSD

Tot Ion:	198	Resp:	85731
Ion Ratio	Lower	Upper	
198	100		
51	42.1	18.4	58.4
105	50.6	22.9	62.9

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#66

n-Nitrosodiphenylamine

Concen: 50.621 ng

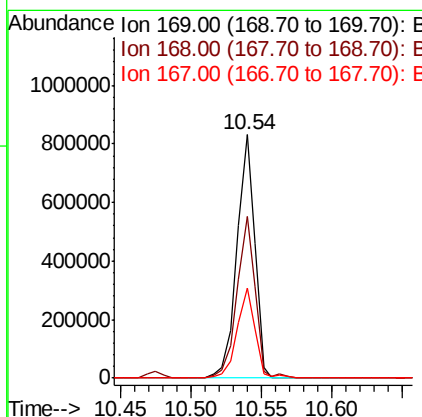
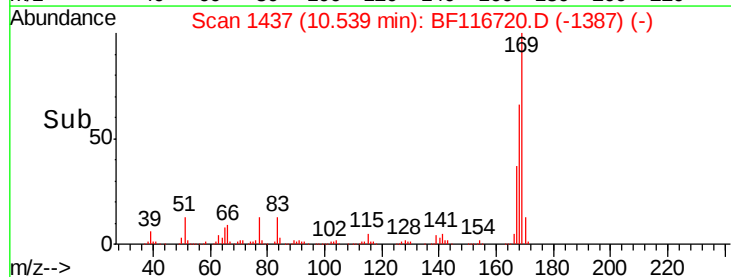
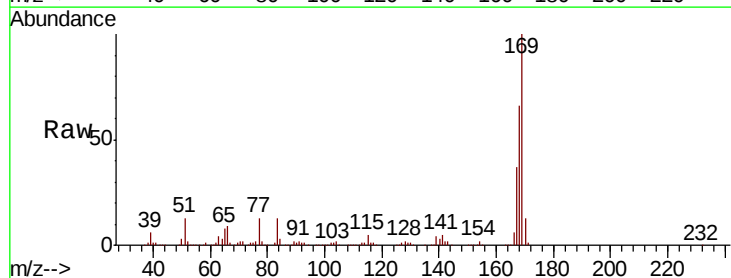
RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

Tgt Ion:	169	Resp:	732577
Ion Ratio	Lower	Upper	
169	100		
168	66.4	55.8	83.6
167	36.7	29.4	44.2





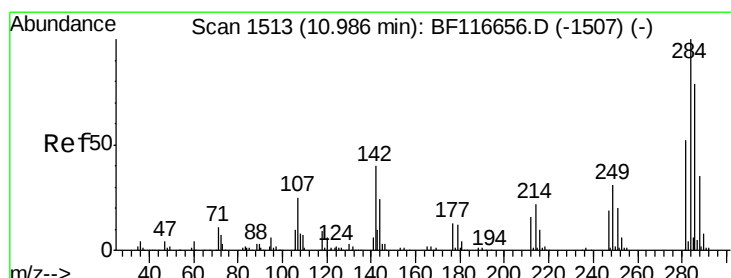
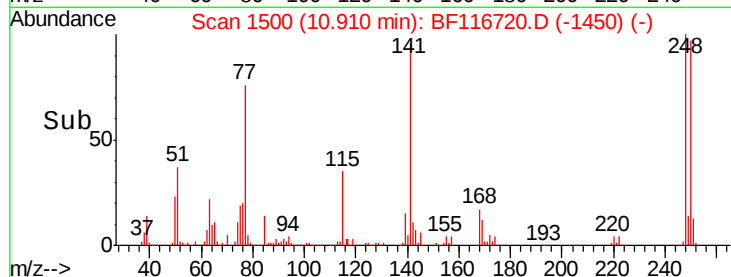
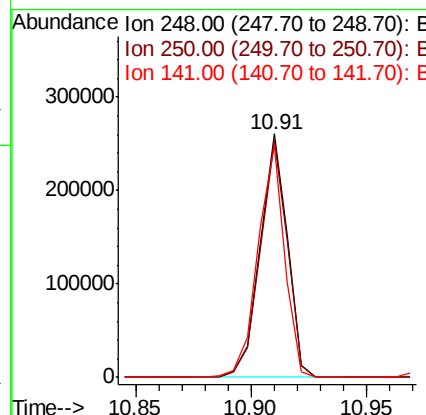
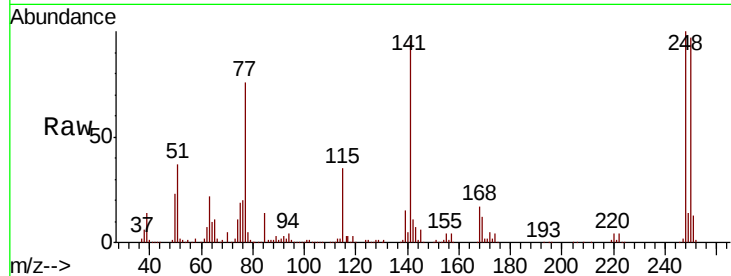
#67
4-Bromophenyl-phenylether
Concen: 50.577 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	77.8	116.8
141	95.5	75.9	113.9

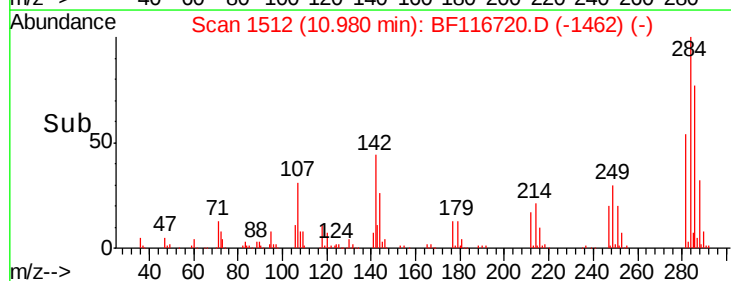
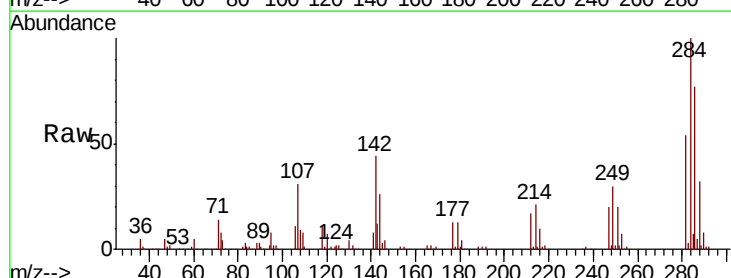
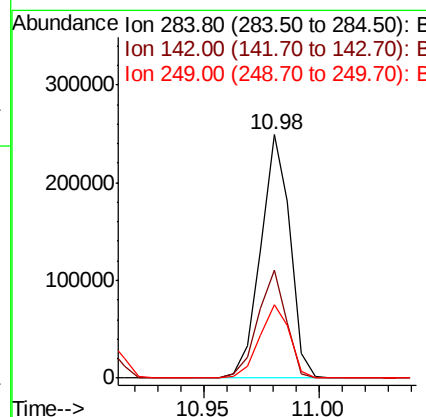
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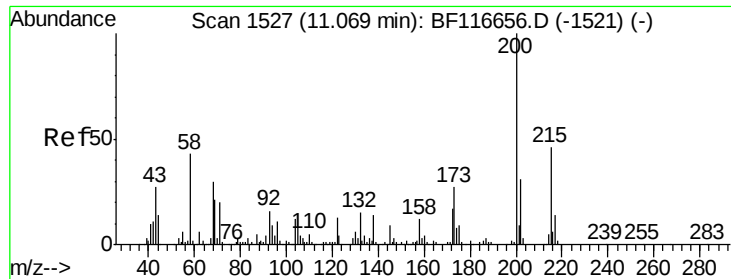
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#68
Hexachlorobenzene
Concen: 49.679 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Tgt Ion	Ratio	Lower	Upper
284	100		
142	44.3	34.0	51.0
249	30.0	26.4	39.6





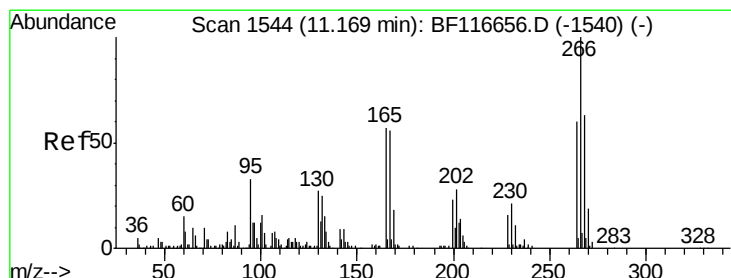
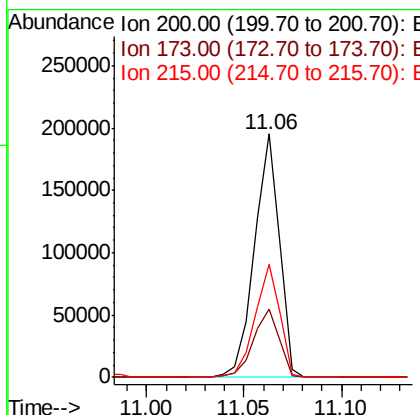
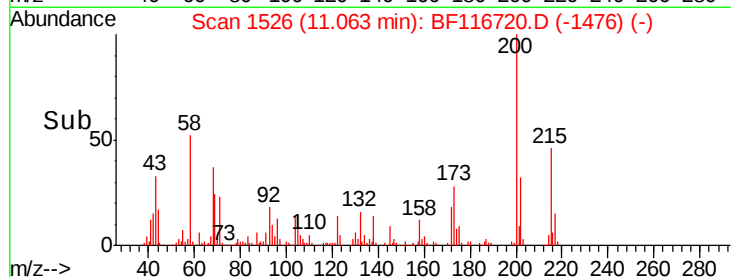
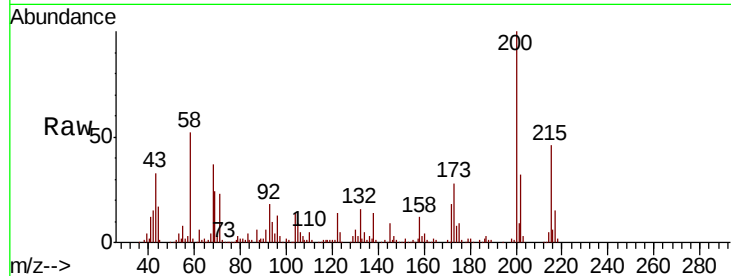
#69
Atrazine
Concen: 42.527 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.3	6.2	46.2
215	46.2	24.3	64.3

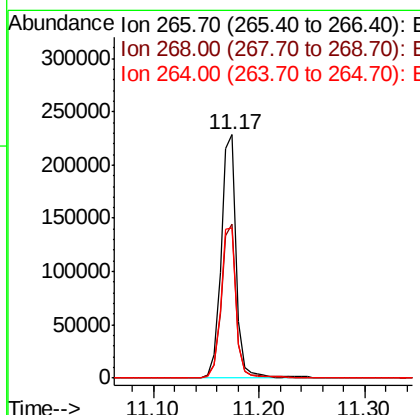
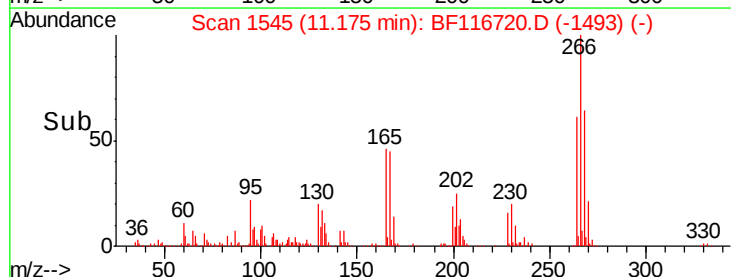
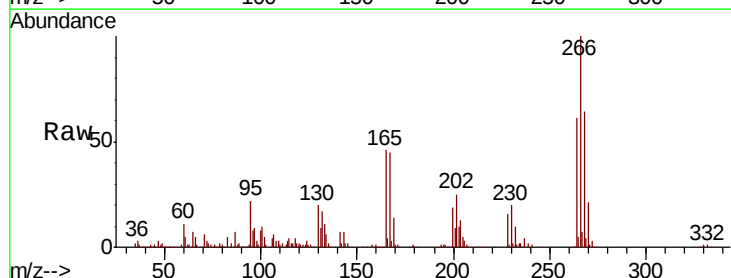
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#70
Pentachlorophenol
Concen: 107.910 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.5	51.2	76.8
264	61.4	51.9	77.9





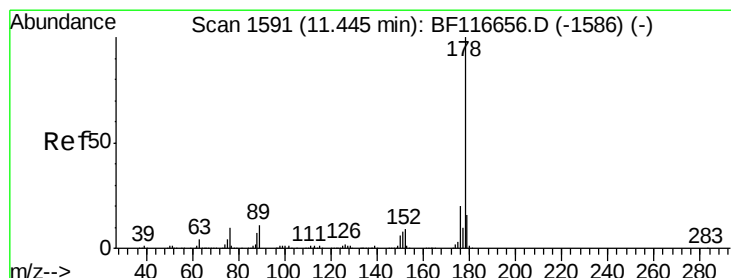
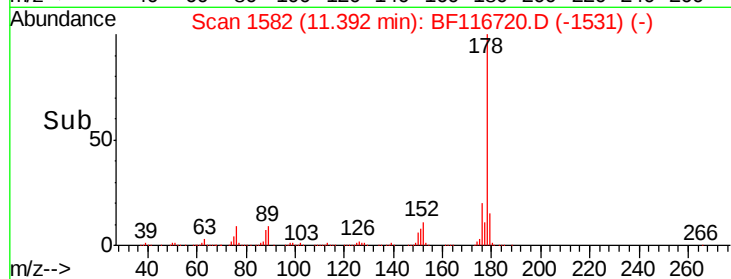
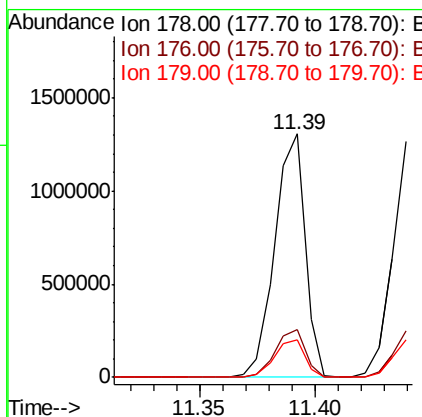
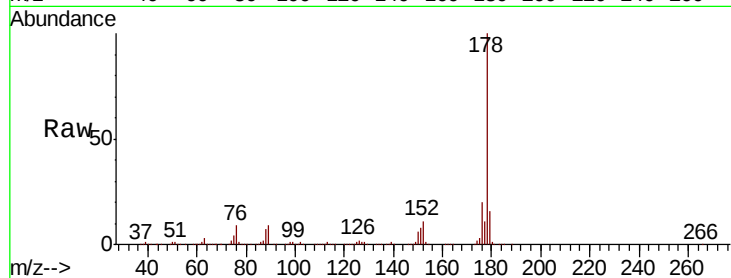
#71
Phenanthrene
Concen: 51.127 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MSD

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	19.6	15.4	23.0	
179	15.6	12.2	18.2	

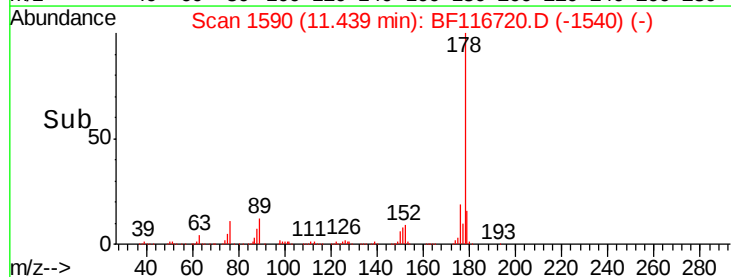
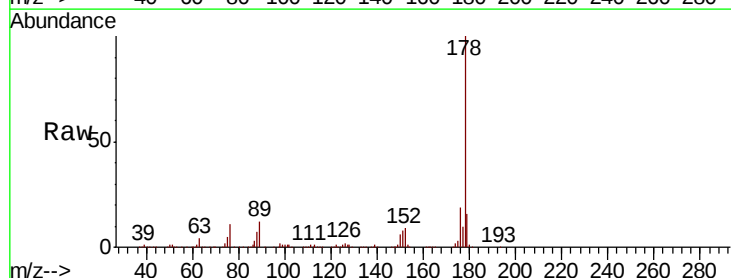
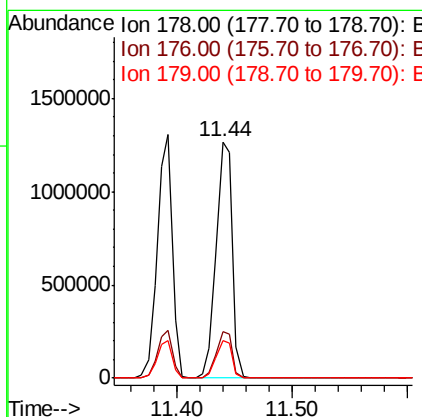
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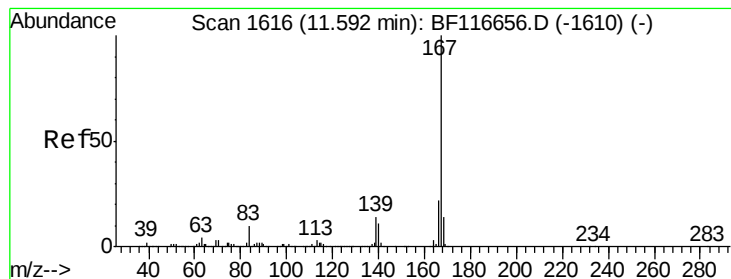
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#72
Anthracene
Concen: 52.493 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Tgt Ion	Ion	Ratio	Lower	Upper
178	100			
176	19.4	15.4	23.0	
179	16.1	12.5	18.7	





#73

Carbazole

Concen: 52.397 ng

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

Instrument :

BNA_F

ClientSampleId :

T2-S-A1-A4MSD

Tot Ion:167 Resp: 1170022

Ion Ratio Lower Upper

167 100

166 22.0 17.8 26.6

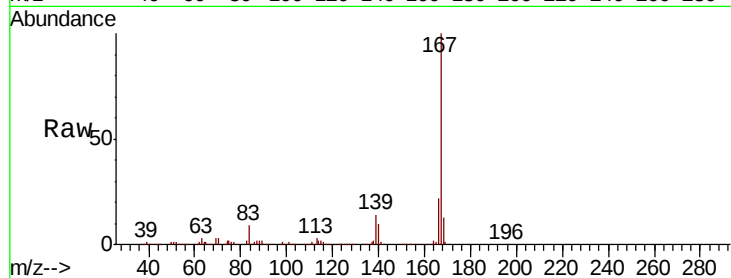
139 13.7 11.1 16.7

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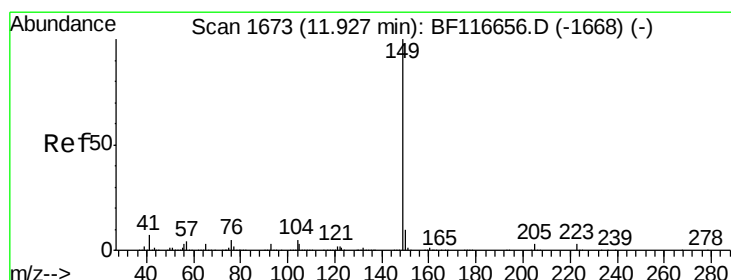
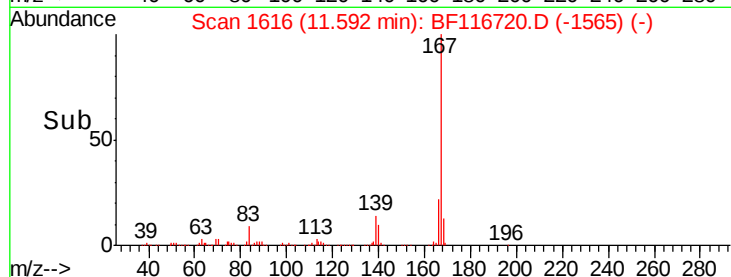
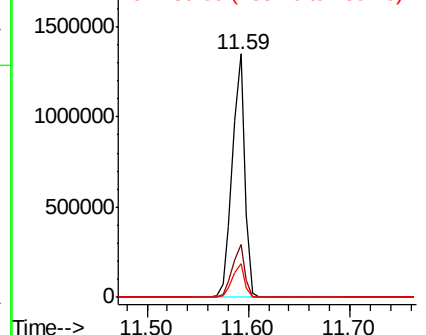
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 52.904 ng

RT: 11.92 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

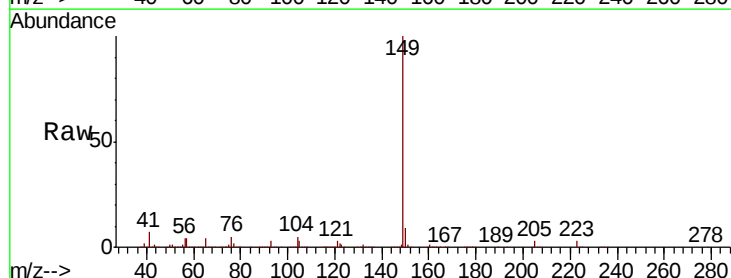
Tgt Ion:149 Resp: 1514442

Ion Ratio Lower Upper

149 100

150 9.4 7.2 10.8

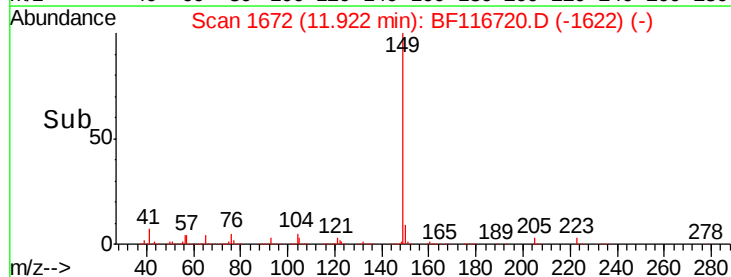
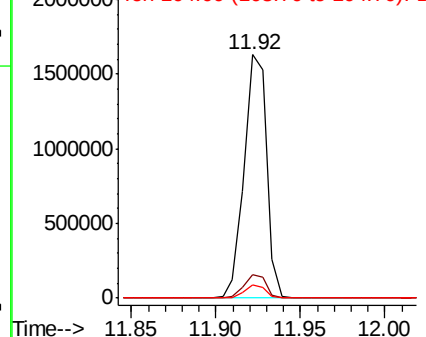
104 5.4 4.2 6.2

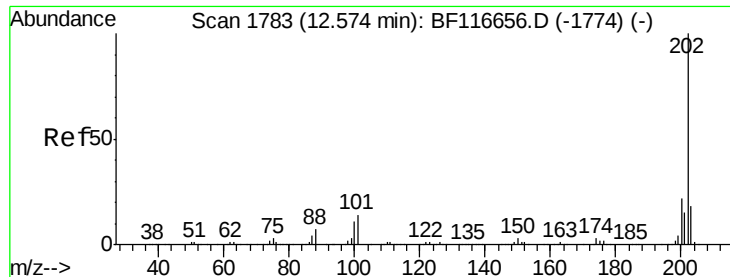


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 51.406 ng

RT: 12.57 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

Instrument :

BNA_F

ClientSampleId :

T2-S-A1-A4MSD

Tot Ion:202 Resp: 1176449

Ion Ratio Lower Upper

202 100

101 13.4 0.0 31.3

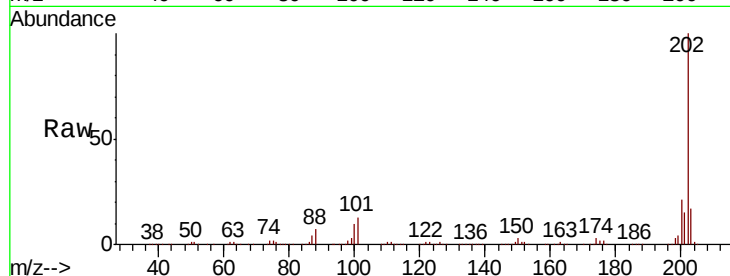
203 17.3 0.0 37.6

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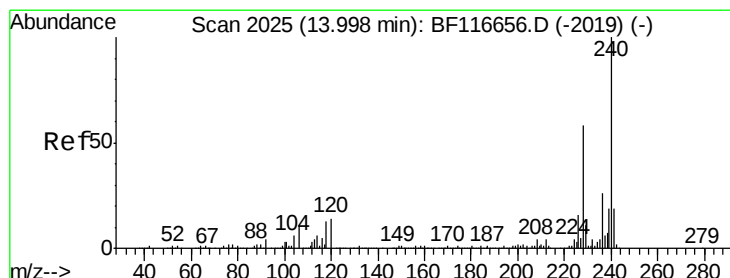
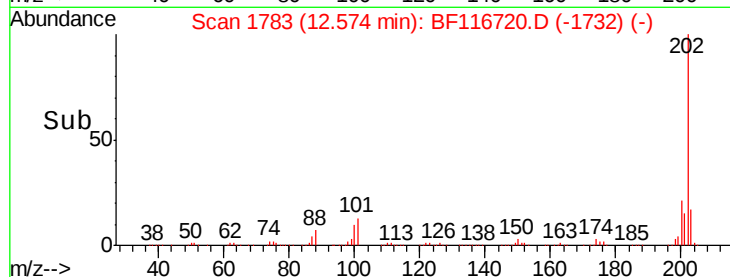
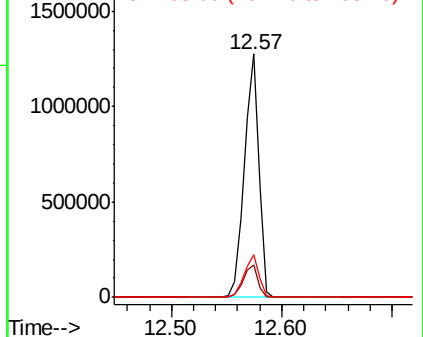
9/5/2019 9:23:47 AM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

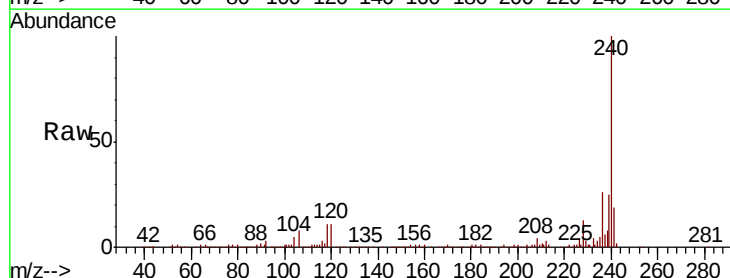
Tgt Ion:240 Resp: 257951

Ion Ratio Lower Upper

240 100

120 11.5 9.1 13.7

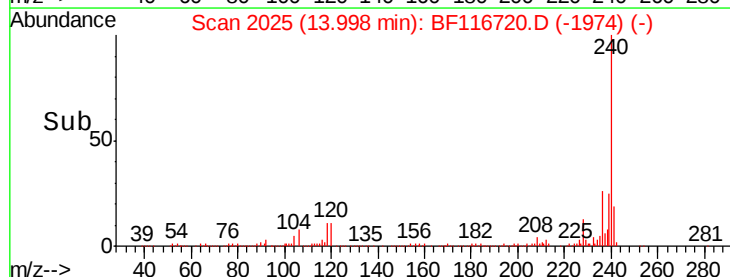
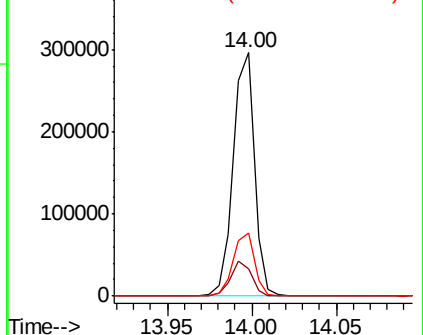
236 26.0 21.1 31.7

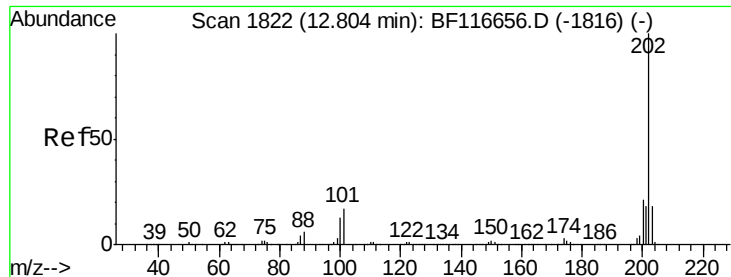


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





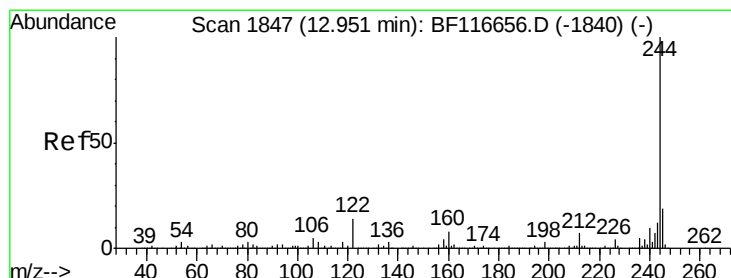
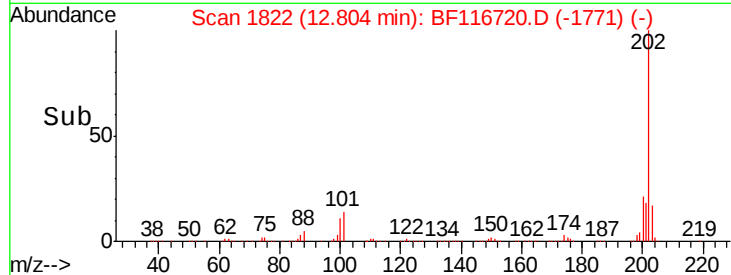
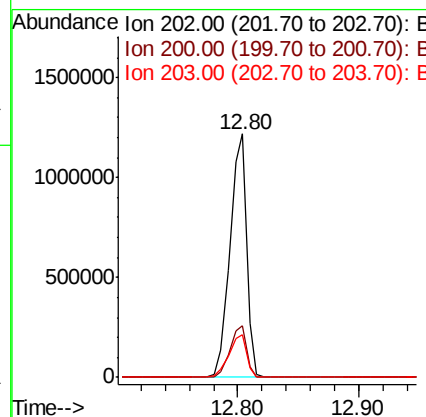
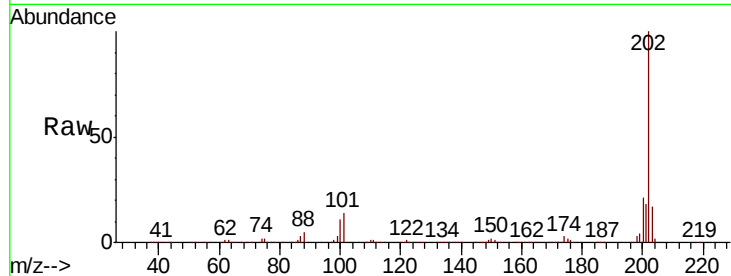
#78
Pvrene
Concen: 50.495 ng
RT: 12.80 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.5	24.7
203	17.3	13.7	20.5

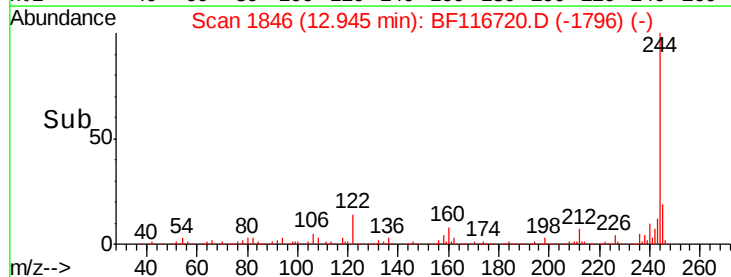
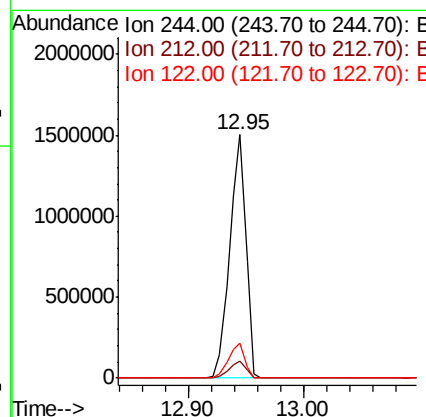
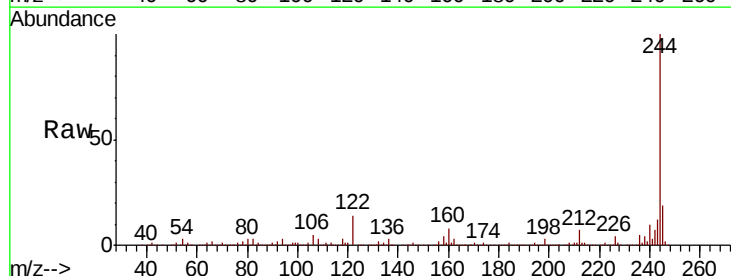
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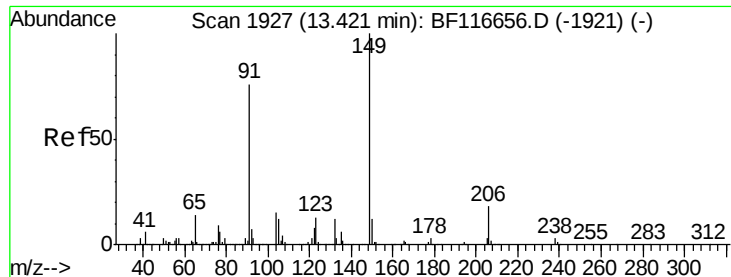
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#79
Terphenyl-d14
Concen: 104.474 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	14.5	10.2	15.4





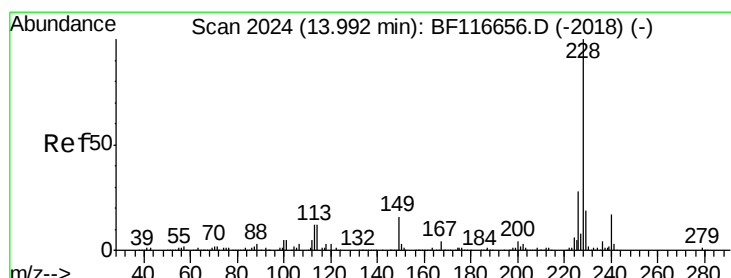
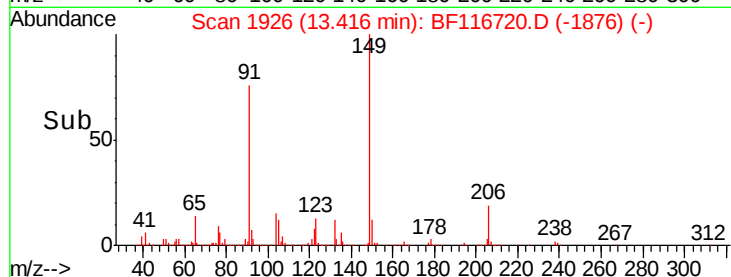
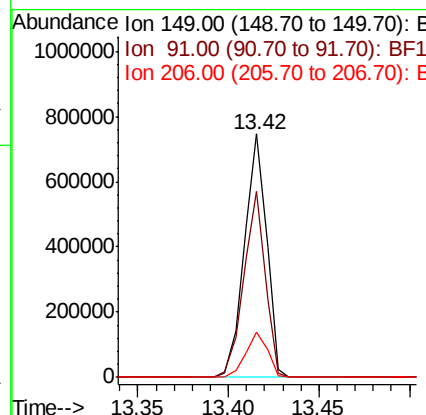
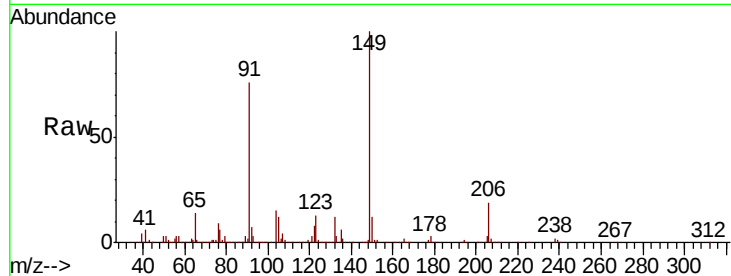
#80
Butylbenzylphthalate
Concen: 56.758 ng
RT: 13.42 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	632905		
91	76.3	61.0	91.4	
206	18.6	14.8	22.2	

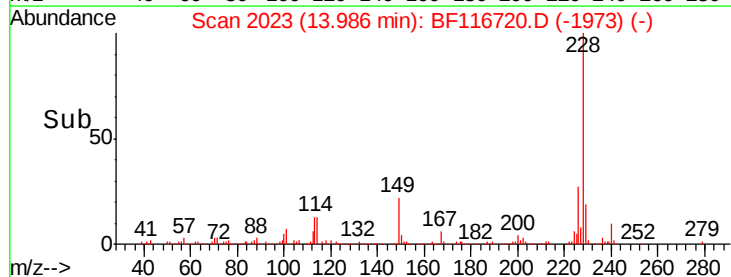
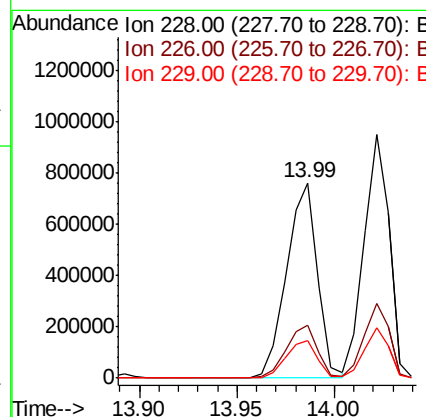
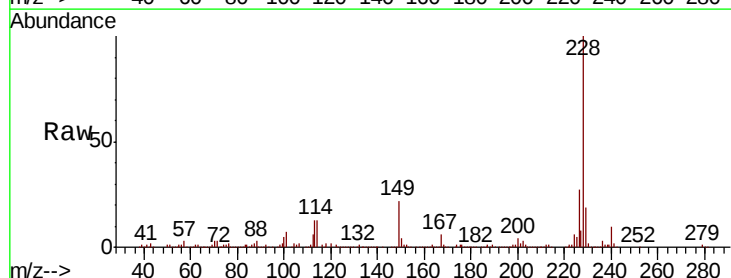
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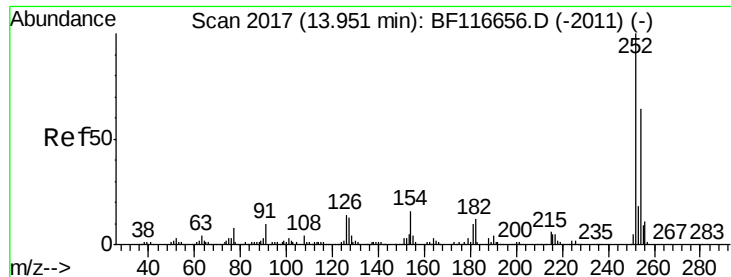
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#81
Benzo(a)anthracene
Concen: 50.564 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	825484		
226	27.1	22.0	33.0	
229	19.4	16.4	24.6	





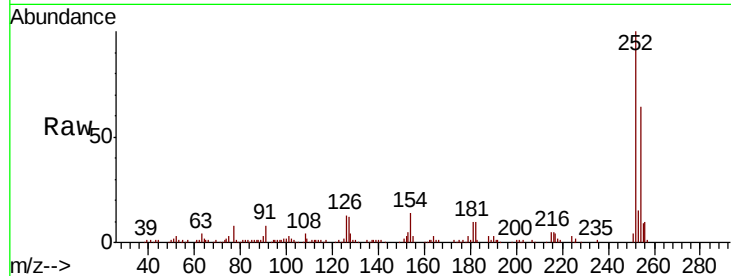
#82
 3,3'-Dichlorobenzidine
 Concen: 16.979 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.01 min
 Lab File: BF116720.D
 Acq: 1 Sep 2019 2:46

Instrument :
 BNA_F
 ClientSampleId :
 T2-S-A1-A4MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.7	50.1	75.1
126	12.5	10.6	16.0

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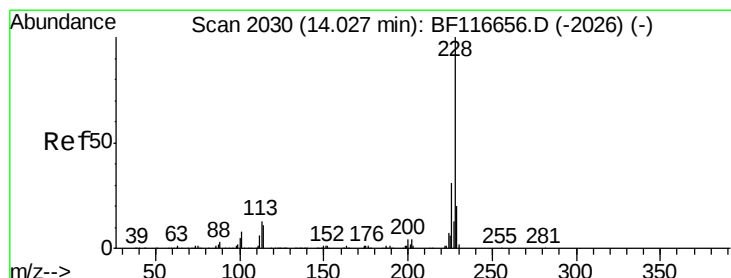
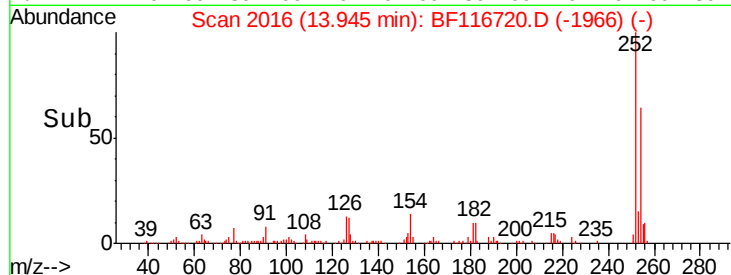
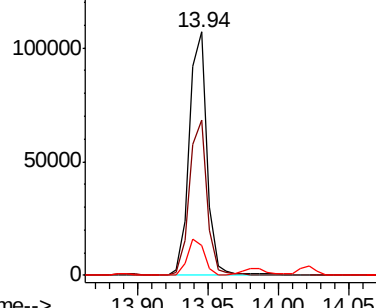


Abundance

Ion 252.00 (251.70 to 252.70): E

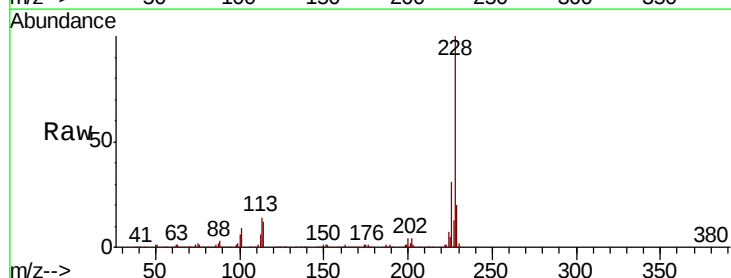
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83
 Chrysene
 Concen: 50.721 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF116720.D
 Acq: 1 Sep 2019 2:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.0	36.0
229	20.5	15.4	23.0

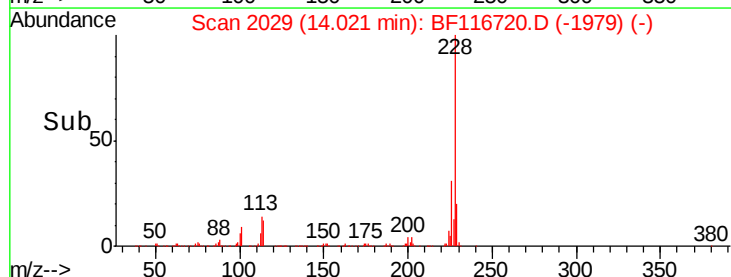
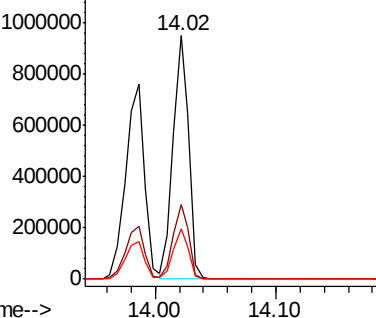


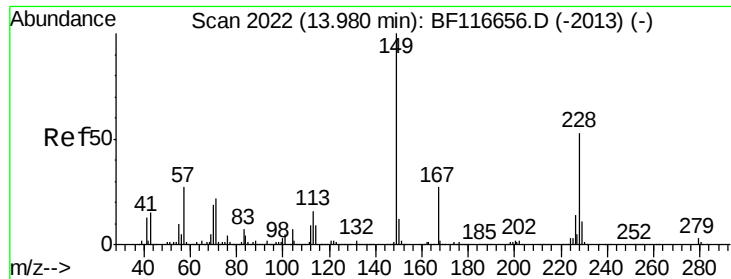
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 60.751 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

Instrument :

BNA_F

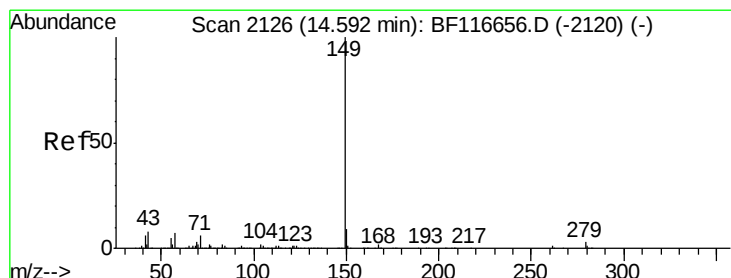
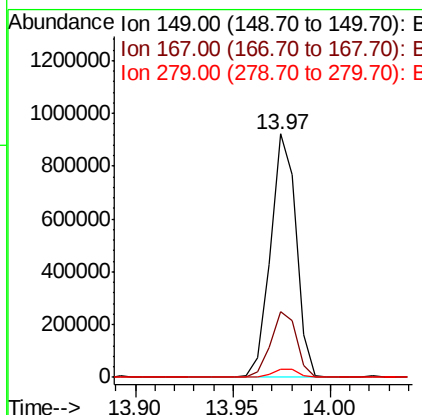
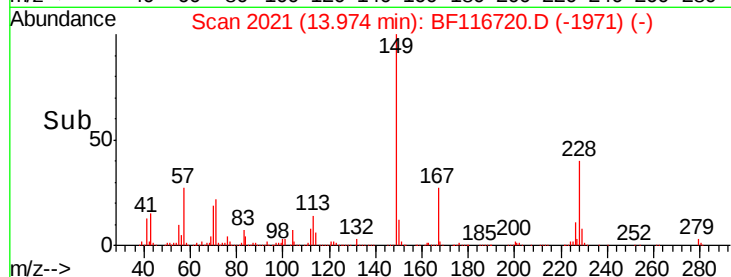
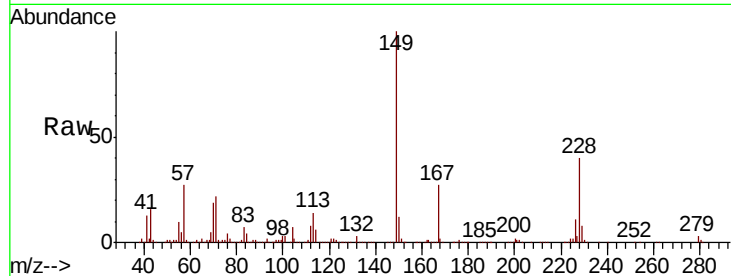
ClientSampleId :

T2-S-A1-A4MSD

Tot Ion:	149	Resp:	836233
Ion Ratio	Lower	Upper	
149	100		
167	27.1	21.0	31.4
279	3.1	2.8	4.2

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#85

Di-n-octyl phthalate

Concen: 62.967 ng

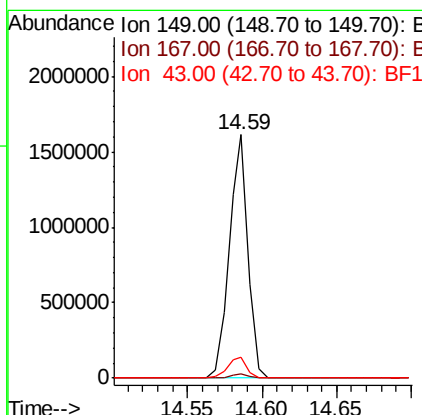
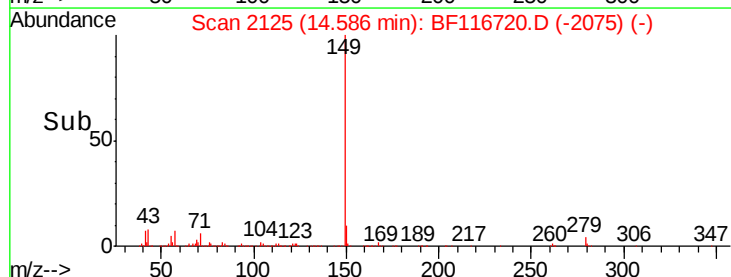
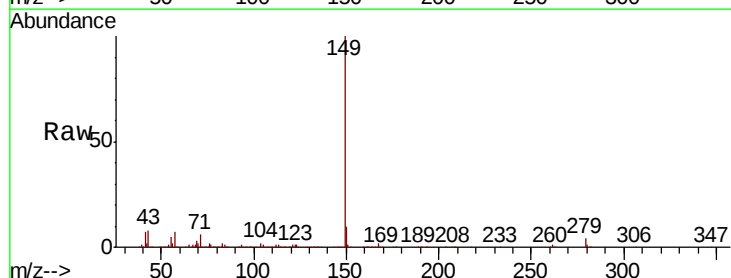
RT: 14.59 min Scan# 2125

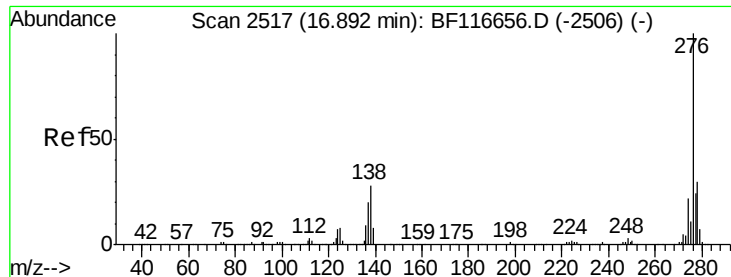
Delta R.T. -0.01 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

Tgt Ion:	149	Resp:	1418386
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	8.7	7.8	11.8





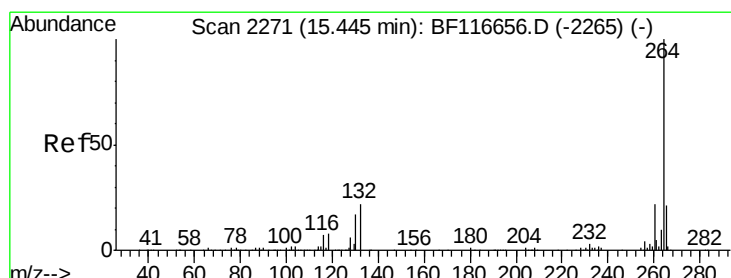
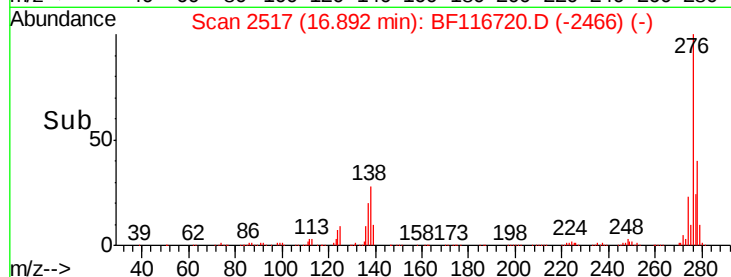
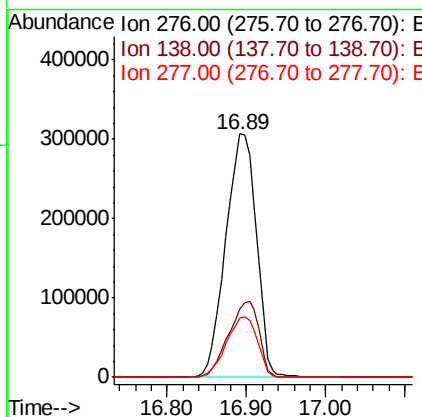
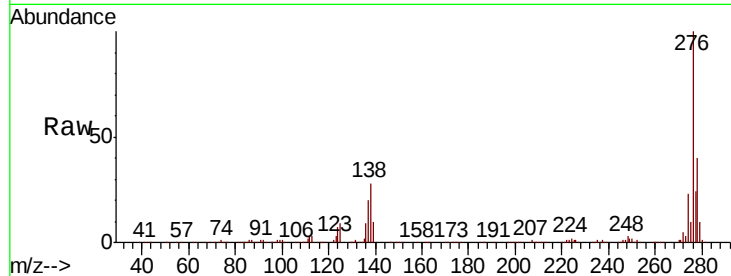
#86
Indeno(1,2,3-cd)pyrene
Concen: 60.831 ng
RT: 16.89 min Scan# 2517
Delta R.T. 0.00 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.0	19.4	29.2
277	25.0	20.5	30.7

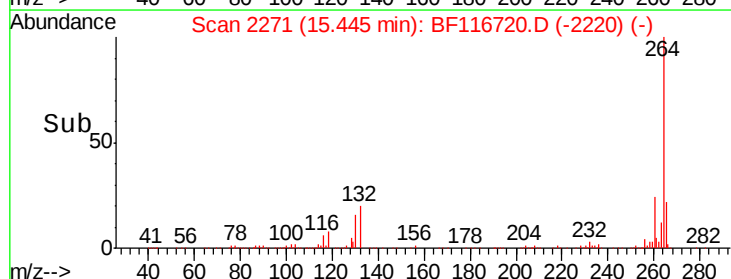
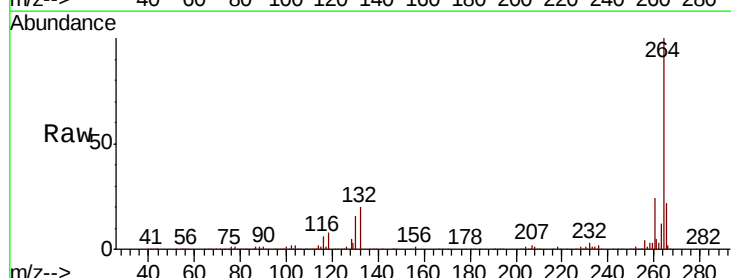
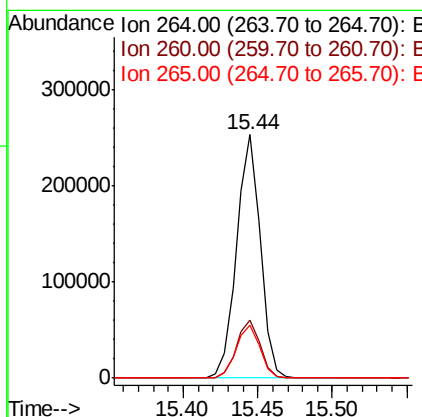
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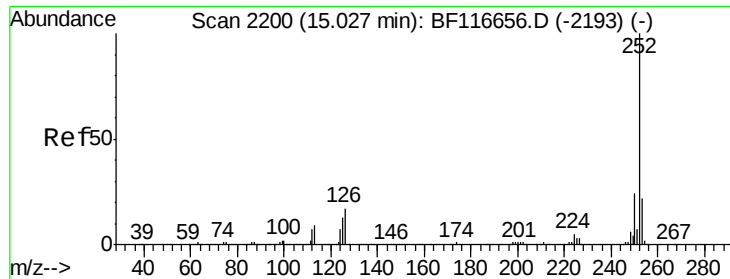
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.3	27.5
265	21.7	16.5	24.7





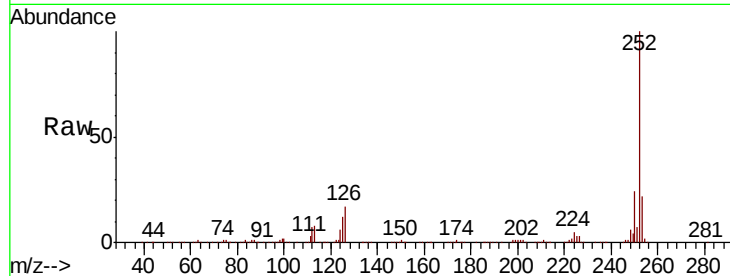
#88
Benzo(b)fluoranthene
Concen: 50.044 ng m
RT: 15.03 min Scan# 2200
Delta R.T. 0.00 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MSD

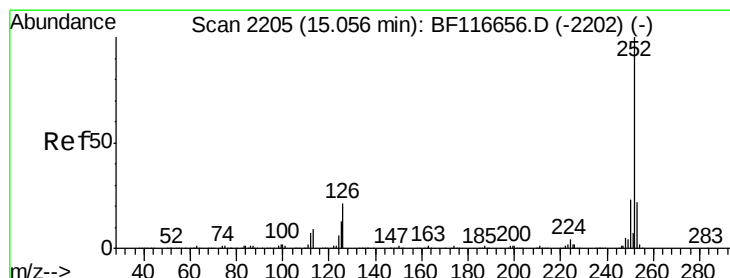
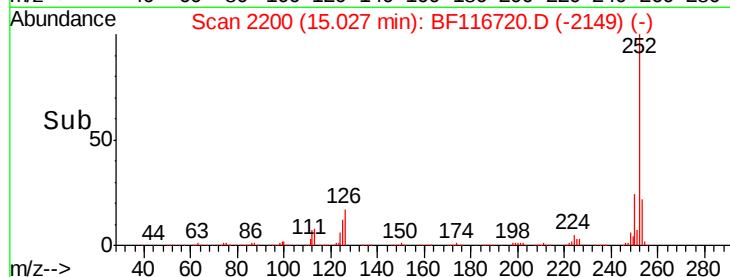
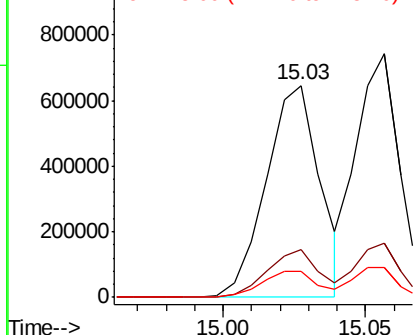
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	12.4	8.2	12.2#

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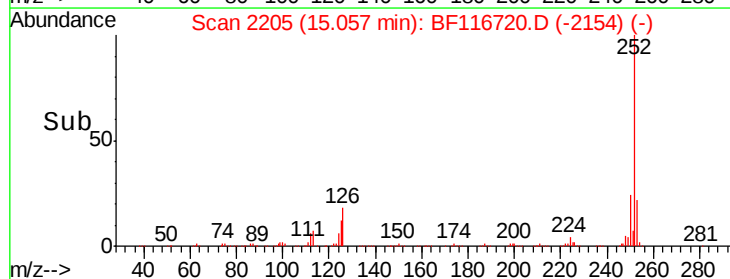
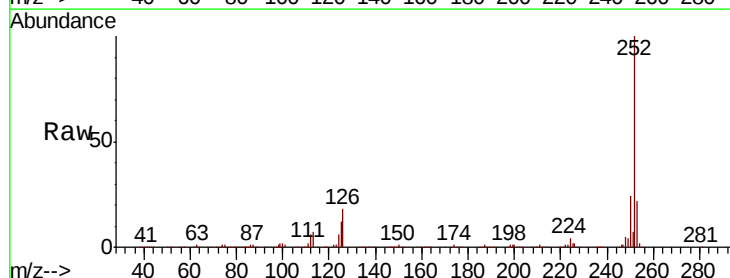
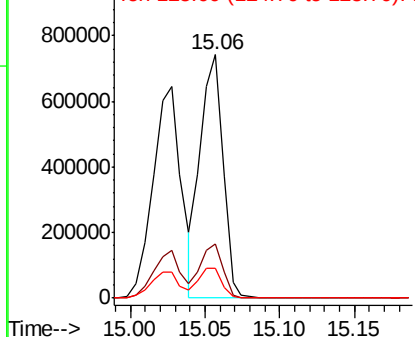
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

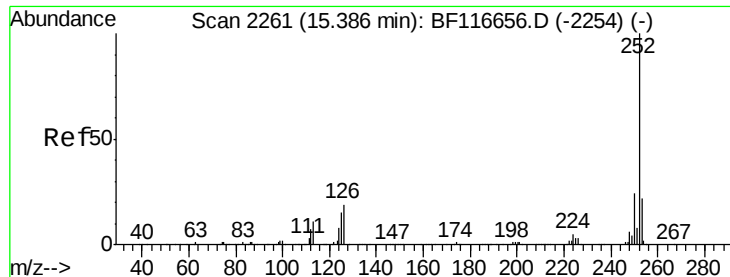


#89
Benzo(k)fluoranthene
Concen: 50.006 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	12.2	8.6	13.0

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





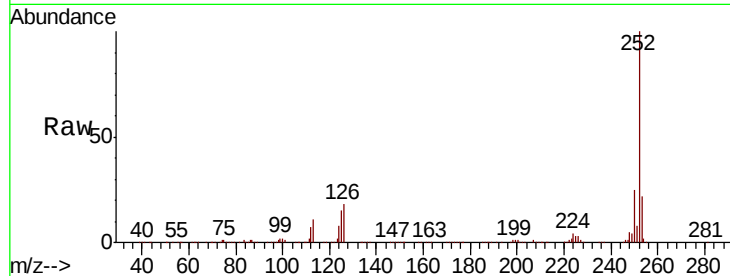
#90
Benzo(a)pyrene
Concen: 53.398 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MSD

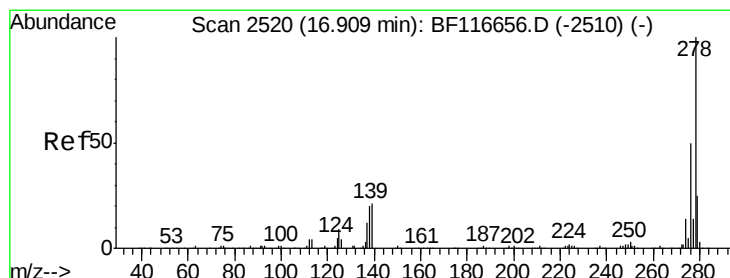
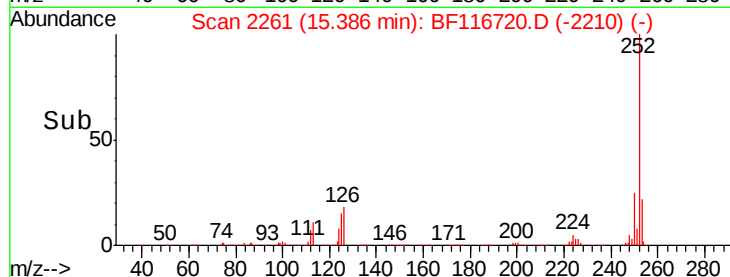
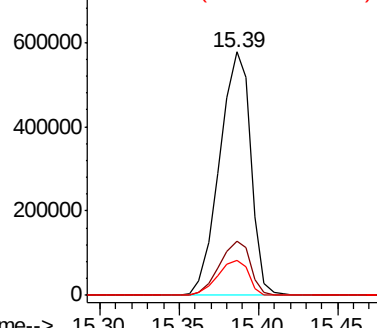
Tot Ion:	252	Resp:	793195
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.1	27.1
125	14.5	9.8	14.8

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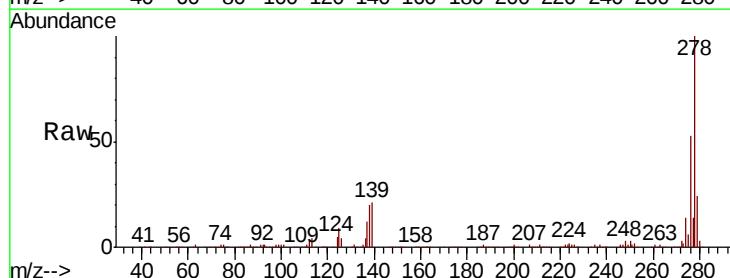


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

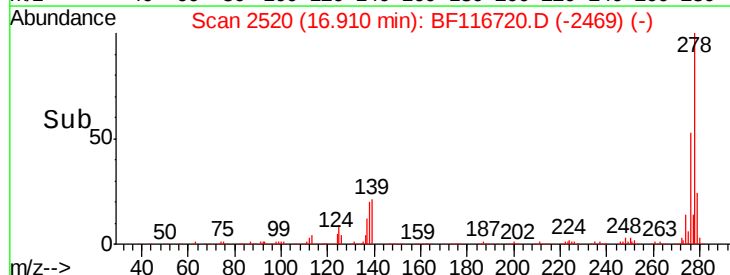
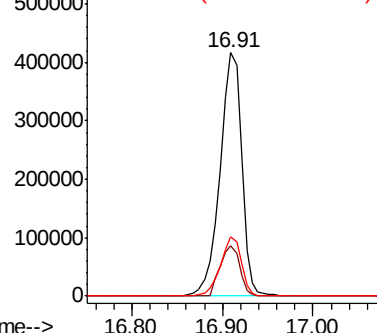


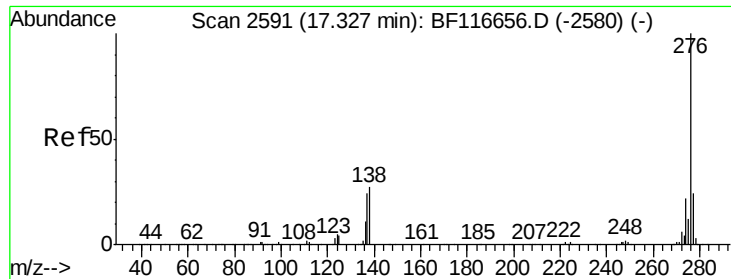
#91
Dibenzo(a,h)anthracene
Concen: 53.143 ng
RT: 16.91 min Scan# 2520
Delta R.T. 0.00 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Tgt Ion:	278	Resp:	690972
Ion Ratio	Lower	Upper	
278	100		
139	20.8	12.4	18.6#
279	24.4	18.2	27.4



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





#92
 Benzo(a,h,i)perylene
 Concen: 47.941 ng
 RT: 17.33 min Scan# 2592
 Delta R.T. 0.01 min
 Lab File: BF116720.D
 Acq: 1 Sep 2019 2:46

Instrument :
 BNA_F
 ClientSampleId :
 T2-S-A1-A4MSD

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
277	23.5	18.5	27.7	
138	26.6	16.2	24.2	

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