

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
 Data File : BF116719.D
 Acq On : 1 Sep 2019 2:19
 Operator : HP/JU
 Sample : K4517-23MS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T2-S-A1-A4MS

Manual Integrations
 APPROVED

mohammad
 9/5/2019 9:23:45 AM

Quant Time: Sep 01 04:45:43 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	119280	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	494090	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	265490	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	453593	20.00	ng	0.00
76) Chrysene-d12	14.00	240	283822	20.00	ng	0.00
87) Perylene-d12	15.44	264	294556	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	909341	123.51	ng	0.01
7) Phenol-d6	6.48	99	1202992	124.43	ng	0.00
23) Nitrobenzene-d5	7.41	82	849139	98.11	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	287271	161.86	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1450571	92.17	ng	0.00
79) Terphenyl-d14	12.94	244	1599227	104.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	135564	39.886	ng	# 85
3) Pyridine	3.42	79	278349	28.285	ng	97
4) n-Nitrosodimethylamine	3.35	42	144022	42.619	ng	78
6) Aniline	6.51	93	183323	13.690	ng	98
8) 2-Chlorophenol	6.63	128	388273	48.308	ng	94
9) Benzaldehyde	6.39	77	34745	5.455	ng	94
10) Phenol	6.49	94	437833	40.897	ng	96
11) bis(2-Chloroethyl)ether	6.58	93	387343	46.467	ng	98
12) 1,3-Dichlorobenzene	6.79	146	396529	43.652	ng	96
13) 1,4-Dichlorobenzene	6.86	146	408570	45.177	ng	99
14) 1,2-Dichlorobenzene	7.02	146	378678	45.182	ng	99
15) Benzyl Alcohol	6.99	79	373332	47.571	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	434418	44.418	ng	100
17) 2-Methylphenol	7.10	107	328179	46.643	ng	95
18) Hexachloroethane	7.36	117	151197	43.031	ng	89
19) n-Nitroso-di-n-propylamine	7.26	70	291174	45.741	ng	91
20) 3+4-Methylphenols	7.25	107	398044	48.656	ng	# 82
22) Acetophenone	7.26	105	549718	46.213	ng	# 90
24) Nitrobenzene	7.43	77	449123	51.022	ng	94
25) Isophorone	7.67	82	835610	47.646	ng	97
26) 2-Nitrophenol	7.75	139	191314	58.459	ng	89
27) 2,4-Dimethylphenol	7.78	122	359299	54.362	ng	97
28) bis(2-Chloroethoxy)methane	7.87	93	507099	47.316	ng	99
29) 2,4-Dichlorophenol	7.99	162	335289	52.787	ng	100
30) 1,2,4-Trichlorobenzene	8.07	180	322928	46.874	ng	98
31) Naphthalene	8.15	128	1142151	48.614	ng	99
32) Benzoic acid	7.89	122	151564	40.613	ng	95
33) 4-Chloroaniline	8.19	127	58371	5.458	ng	95
34) Hexachlorobutadiene	8.27	225	168687	44.907	ng	99
35) Caprolactam	8.56	113	107411m	45.186	ng	
36) 4-Chloro-3-methylphenol	8.68	107	400421	54.850	ng	96
37) 2-Methylnaphthalene	8.84	142	794317	50.813	ng	97
38) 1-Methylnaphthalene	8.94	142	752549	50.997	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	296667	46.614	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	247191	67.260	nq	98
43) 2,4,6-Trichlorophenol	9.12	196	219910	50.407	nq	98
44) 2,4,5-Trichlorophenol	9.16	196	249525	55.092	nq	95
46) 1,1'-Biphenyl	9.30	154	963395	47.821	nq	97
47) 2-Chloronaphthalene	9.33	162	749989	47.003	nq	98
48) 2-Nitroaniline	9.42	65	254389	55.147	nq	100
49) Acenaphthylene	9.75	152	1211949	50.247	nq	99
50) Dimethylphthalate	9.60	163	912281	49.772	nq	99
51) 2,6-Dinitrotoluene	9.66	165	206014	58.910	nq	96
52) Acenaphthene	9.92	154	766345	51.710	nq	99
53) 3-Nitroaniline	9.83	138	108789	24.823	nq	96
54) 2,4-Dinitrophenol	9.93	184	104035	83.406	nq	88
55) Dibenzofuran	10.09	168	1070891	51.258	nq	98
56) 4-Nitrophenol	9.99	139	344355	114.593	nq	87
57) 2,4-Dinitrotoluene	10.07	165	284426	66.515	nq	95
58) Fluorene	10.43	166	820557	51.546	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	182480m	55.825	nq	
60) Diethylphthalate	10.30	149	944998	51.469	nq	98
61) 4-Chlorophenyl-phenylether	10.42	204	354382	50.838	nq	96
62) 4-Nitroaniline	10.45	138	242950	57.122	nq	92
63) Azobenzene	10.58	77	994927	51.968	nq	95
65) 4,6-Dinitro-2-methylphenol	10.47	198	84875	50.371	nq	84
66) n-Nitrosodiphenylamine	10.54	169	784750	50.012	nq	96
67) 4-Bromophenyl-phenylether	10.91	248	223680	48.543	nq	99
68) Hexachlorobenzene	10.98	284	231061	47.927	nq	97
69) Atrazine	11.06	200	183949	41.857	nq	97
70) Pentachlorophenol	11.17	266	237731	101.935	nq	99
71) Phenanthrene	11.39	178	1239329	49.083	nq	99
72) Anthracene	11.44	178	1284604	50.540	nq	100
73) Carbazole	11.59	167	1233408	50.943	nq	99
74) Di-n-butylphthalate	11.93	149	1569187	50.556	nq	99
75) Fluoranthene	12.57	202	1258641	50.722	nq	98
78) Pyrene	12.80	202	1243787	49.298	nq	98
80) Butylbenzylphthalate	13.42	149	672268	54.793	nq	99
81) Benzo(a)anthracene	13.99	228	880880	49.039	nq	99
82) 3,3'-Dichlorobenzidine	13.94	252	195129	32.144	nq	98
83) Chrysene	14.02	228	919263	49.673	nq	98
84) Bis(2-ethylhexyl)phthalate	13.98	149	913576	60.320	nq	98
85) Di-n-octyl phthalate	14.59	149	1562928	63.059	nq	97
86) Indeno(1,2,3-cd)pyrene	16.90	276	833267	56.057	nq	# 93
88) Benzo(b)fluoranthene	15.03	252	860057m	48.295	nq	
89) Benzo(k)fluoranthene	15.06	252	804736	49.561	nq	98
90) Benzo(a)pyrene	15.39	252	811153	52.354	nq	# 96
91) Dibenzo(a,h)anthracene	16.91	278	708063	52.211	nq	# 94
92) Benzo(g,h,i)perylene	17.33	276	661042	47.794	nq	# 93

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

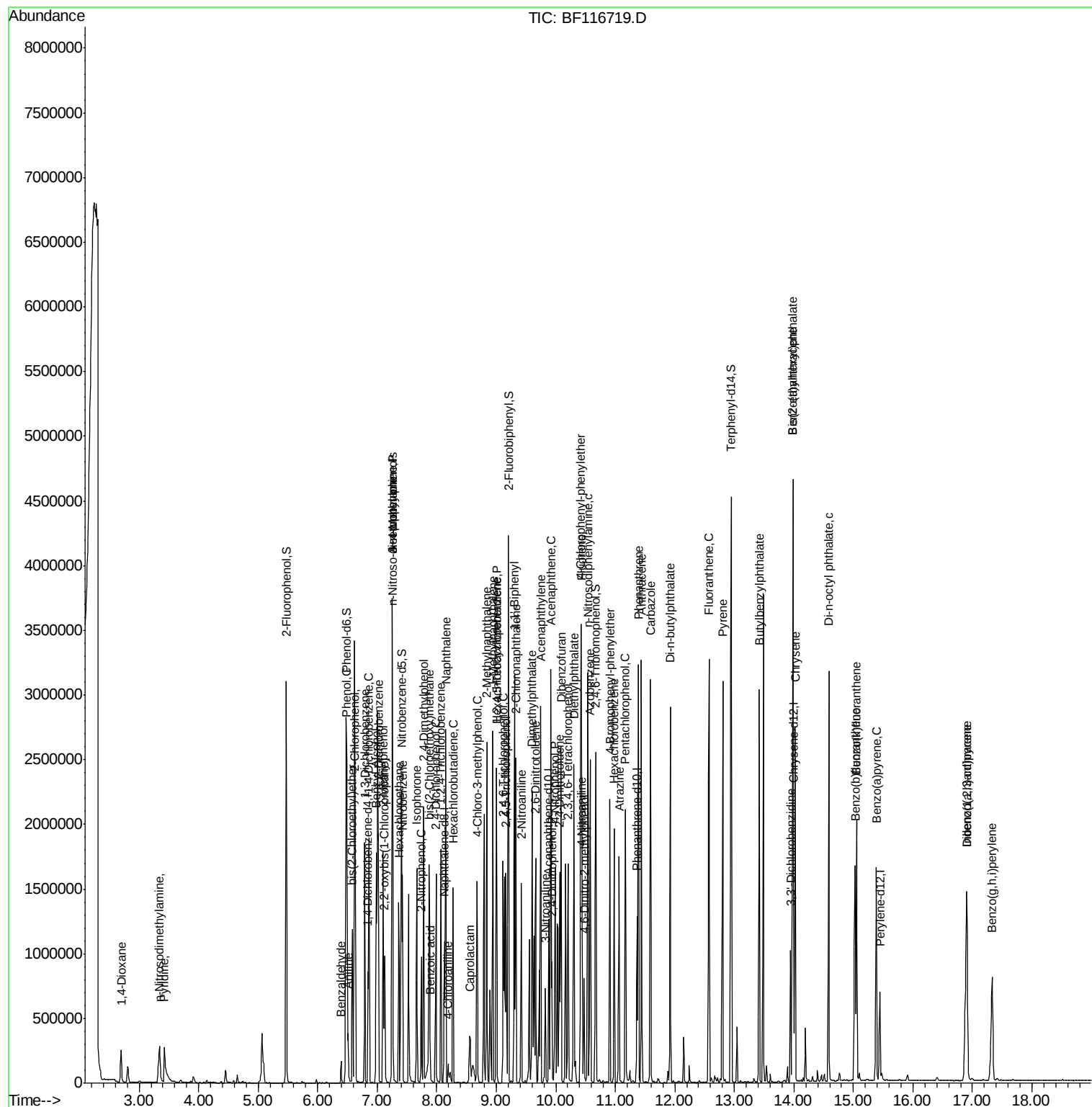
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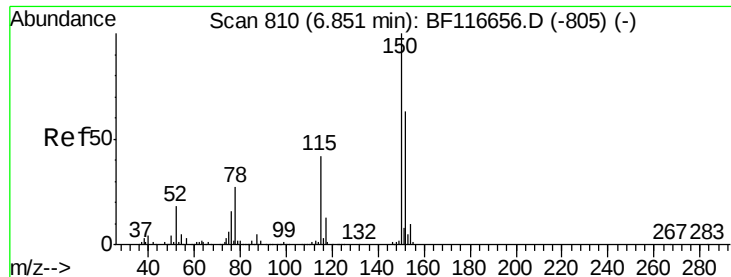
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#1

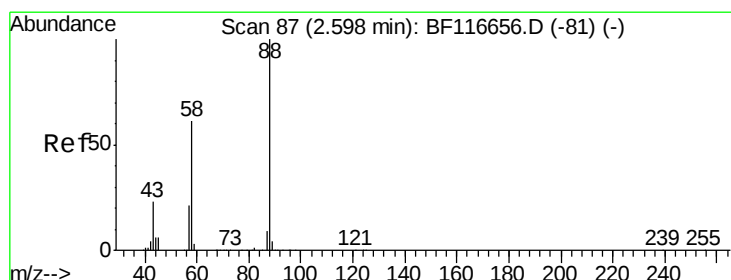
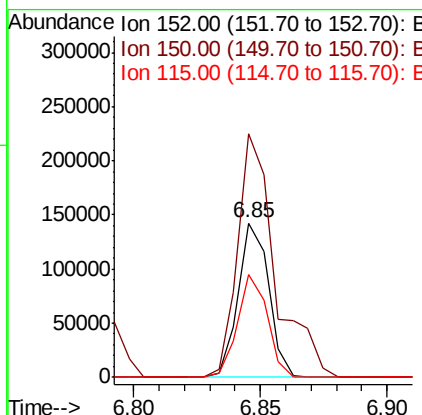
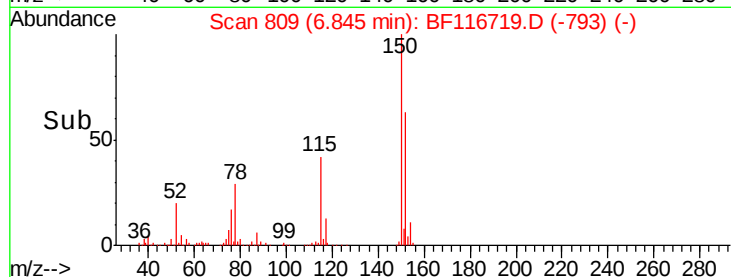
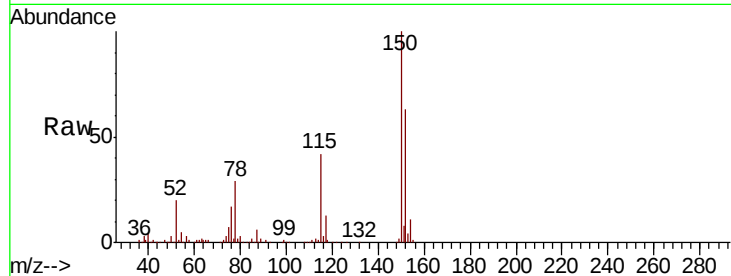
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116719.D
Acq: 1 Sep 2019 2:19

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.4	186.6
115	66.3	49.9	74.9

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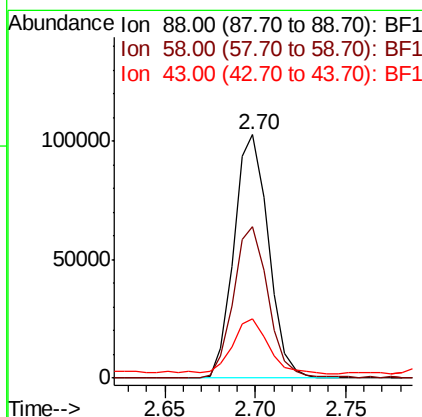
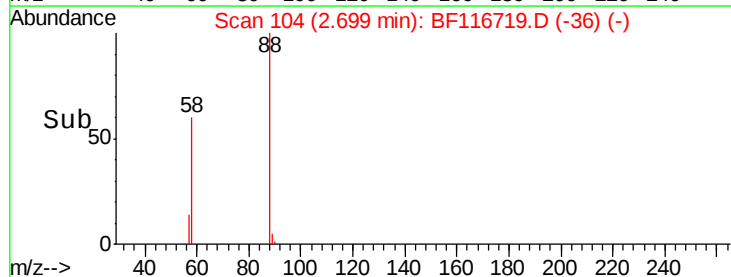
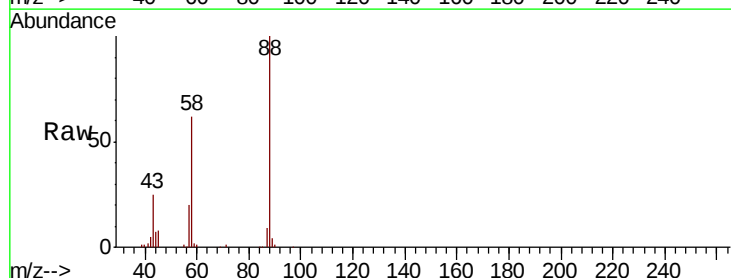
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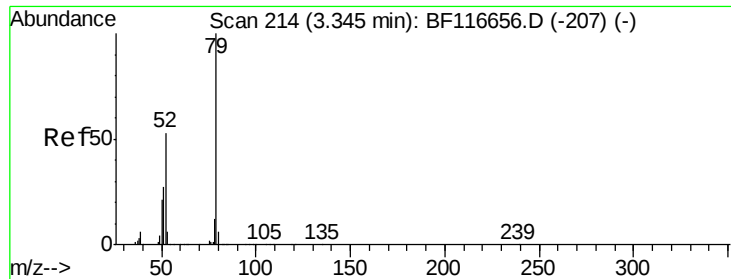


#2

1,4-Dioxane
Concen: 39.886 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.10 min
Lab File: BF116719.D
Acq: 1 Sep 2019 2:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.4	51.7	77.5
43	0.0	19.8	29.8





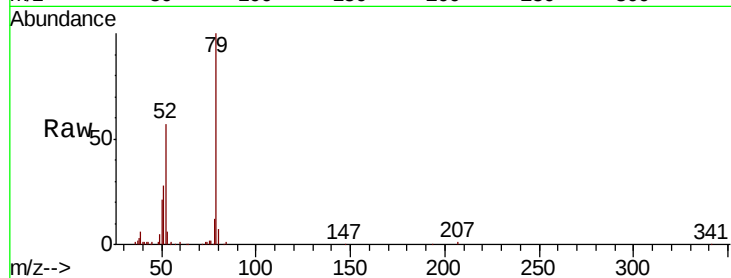
#3
 Pvridine
 Concen: 28.285 ng
 RT: 3.42 min Scan# 227
 Delta R.T. 0.08 min
 Lab File: BF116719.D
 Acq: 1 Sep 2019 2:19

Instrument :
 BNA_F
 ClientSampleId :
 T2-S-A1-A4MS

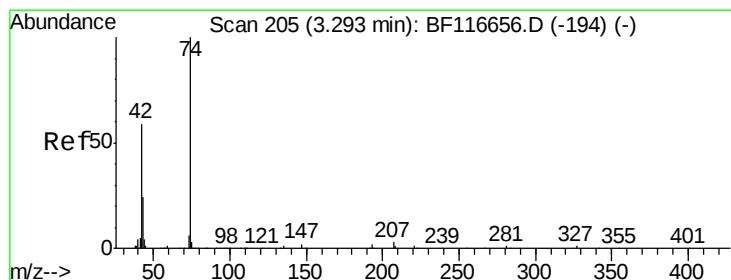
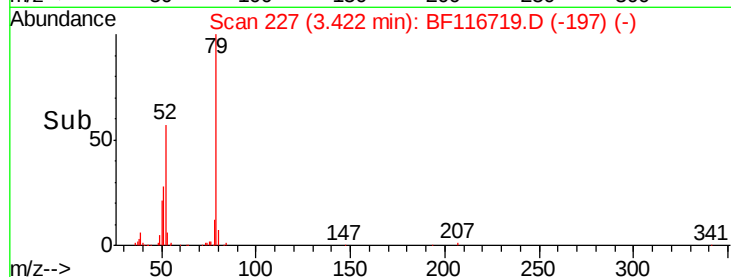
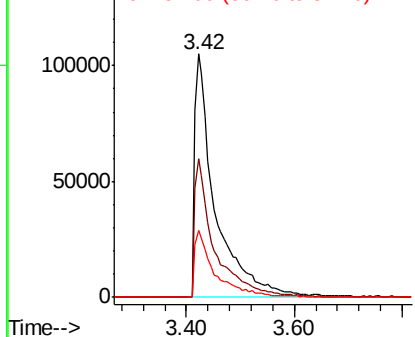
Tot Ion	Ratio	Resp	Lower	Upper
79	100	278349		
52	57.1		47.4	71.0
51	27.5		24.1	36.1

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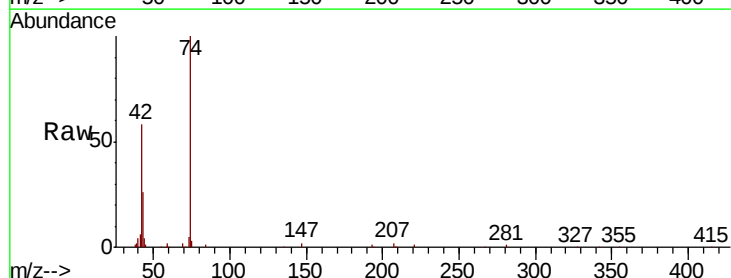


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

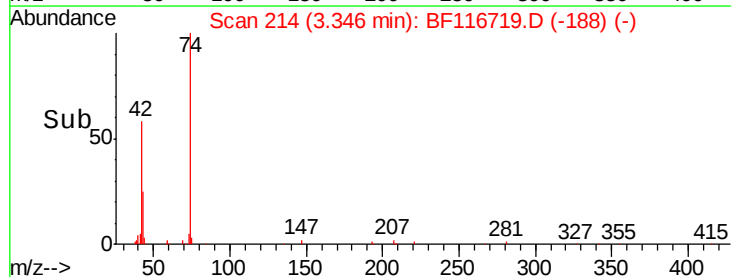
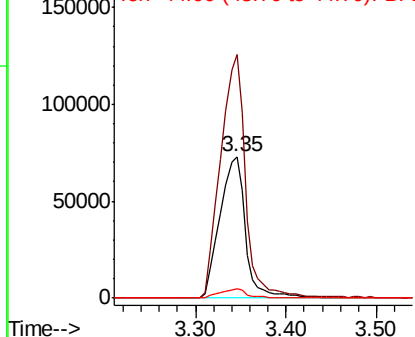


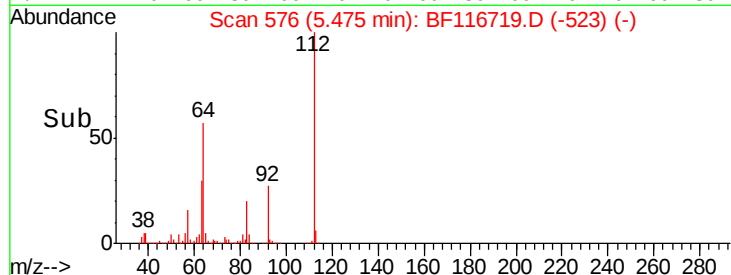
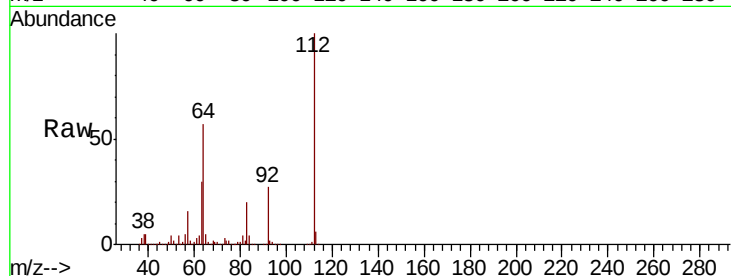
#4
 n-Nitrosodimethylamine
 Concen: 42.619 ng
 RT: 3.35 min Scan# 214
 Delta R.T. 0.05 min
 Lab File: BF116719.D
 Acq: 1 Sep 2019 2:19

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	144022		
74	172.3		115.6	173.4
44	6.5		4.6	7.0



Abundance Ion 42.00 (41.70 to 42.70): BF1
 Ion 74.00 (73.70 to 74.70): BF1
 Ion 44.00 (43.70 to 44.70): BF1





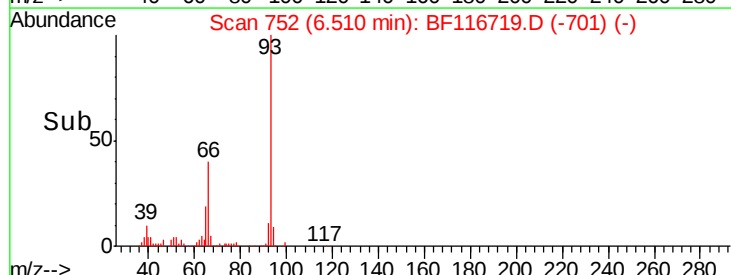
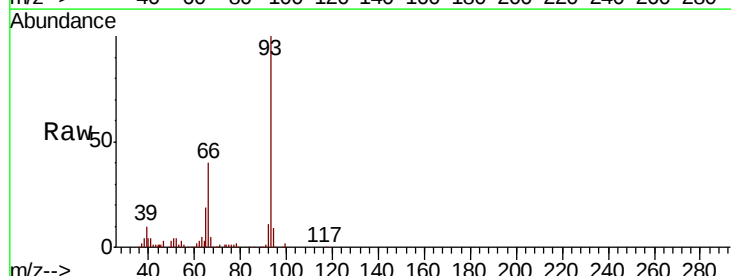
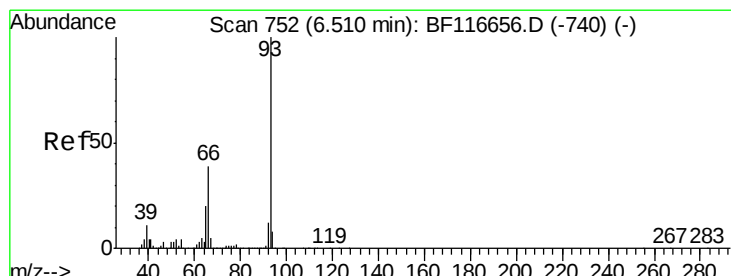
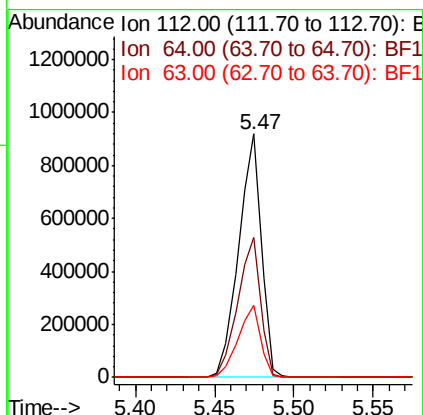
#5
2-Fluorophenol
Concen: 123.506 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF116719.D
Acq: 1 Sep 2019 2:19

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		909341		
64	57.4	47.1	70.7		
63	29.7	24.9	37.3		

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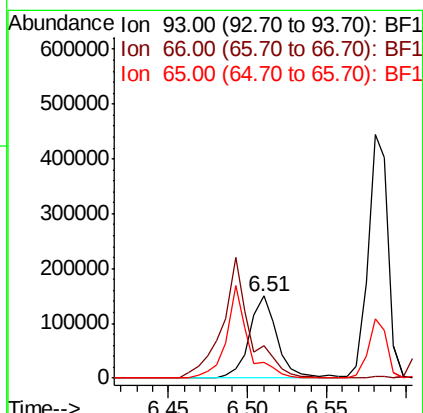
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#6
Aniline
Concen: 13.690 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF116719.D
Acq: 1 Sep 2019 2:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		183323		
66	39.6	32.7	49.1		
65	19.1	16.3	24.5		





#7

Phenol-d6

Concen: 124.430 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF116719.D

Acq: 1 Sep 2019 2:19

Instrument :

BNA_F

ClientSampleId :

T2-S-A1-A4MS

Tot Ion: 99 Resp: 1202992

Ion Ratio Lower Upper

99 100

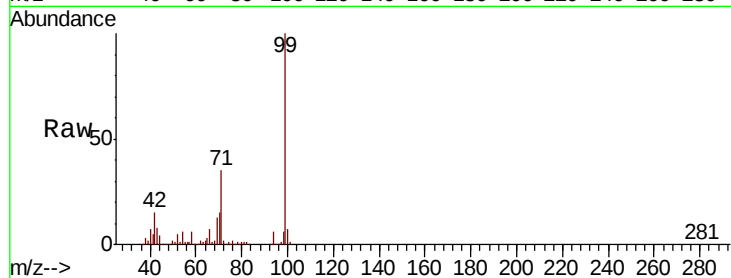
42 15.4 13.7 20.5

71 35.5 30.8 46.2

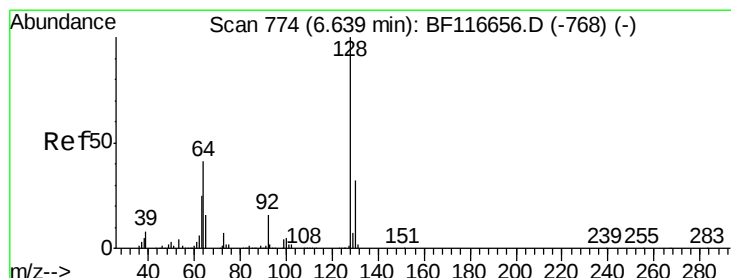
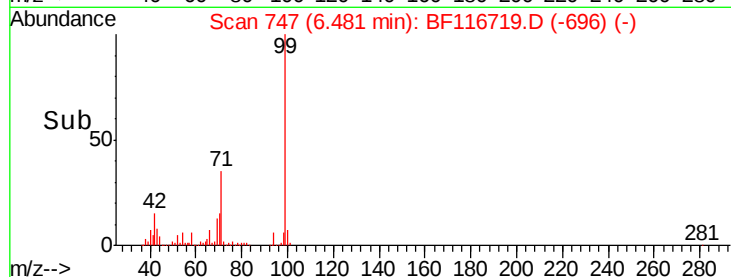
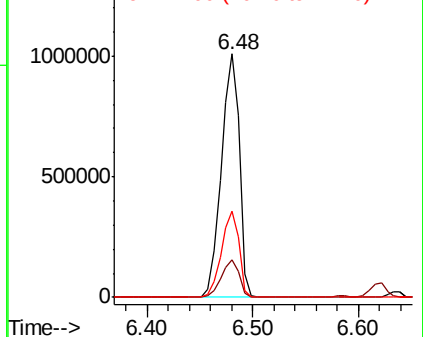
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 48.308 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF116719.D

Acq: 1 Sep 2019 2:19

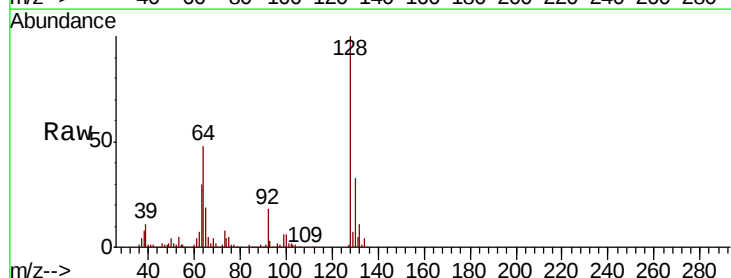
Tgt Ion: 128 Resp: 388273

Ion Ratio Lower Upper

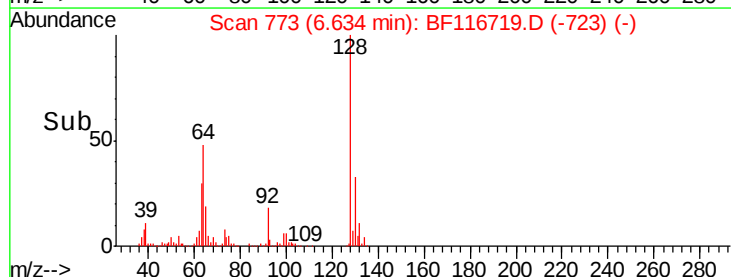
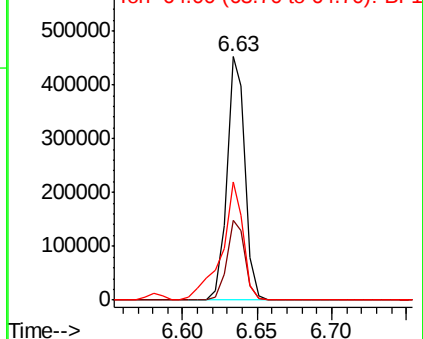
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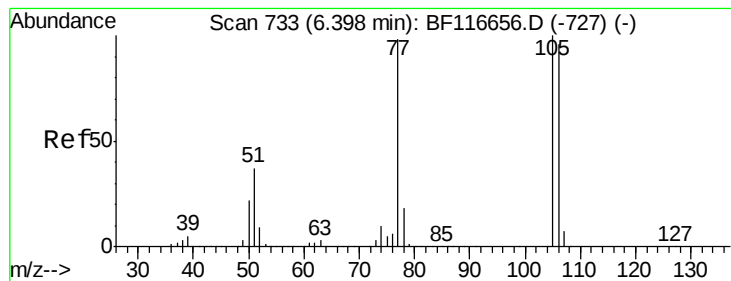
130 32.5 12.3 52.3

64 48.5 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: 5.455 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF116719.D

Acq: 1 Sep 2019 2:19

Instrument :

BNA_F

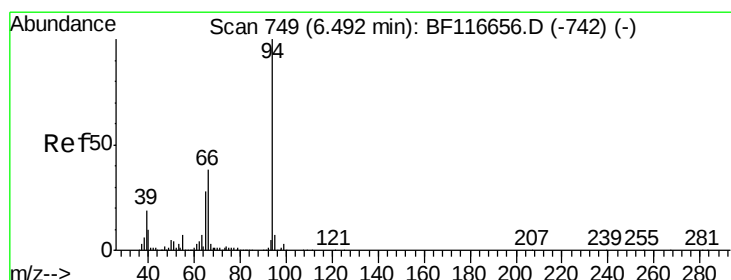
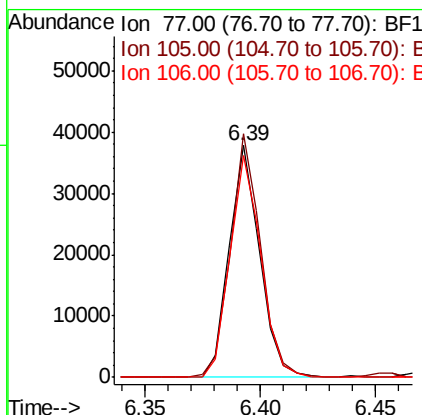
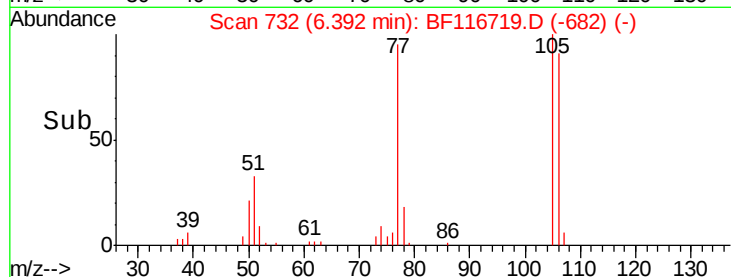
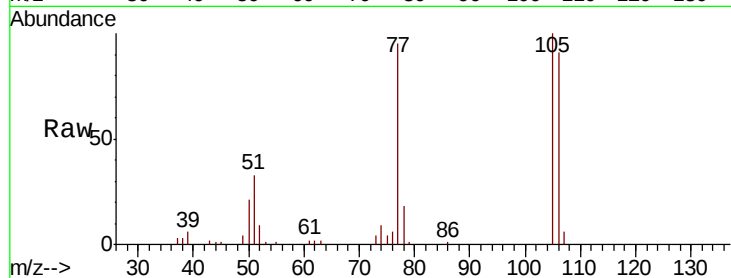
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	105.0	76.7	116.7		
106	95.5	73.1	113.1		

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#10

Phenol

Concen: 40.897 ng

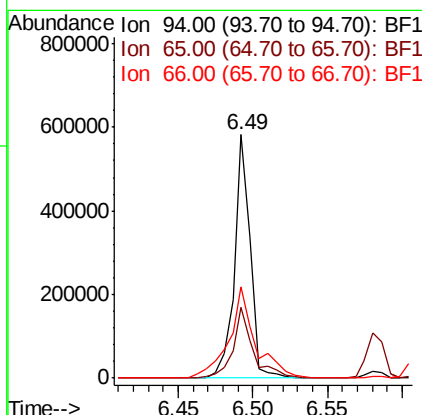
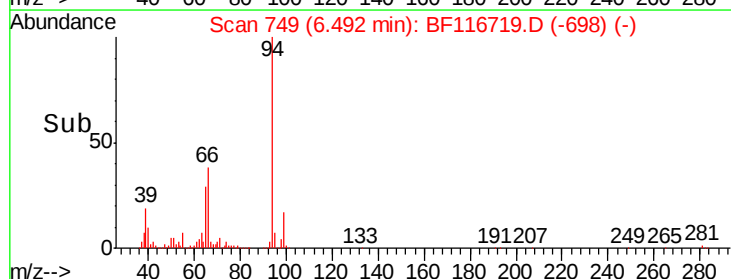
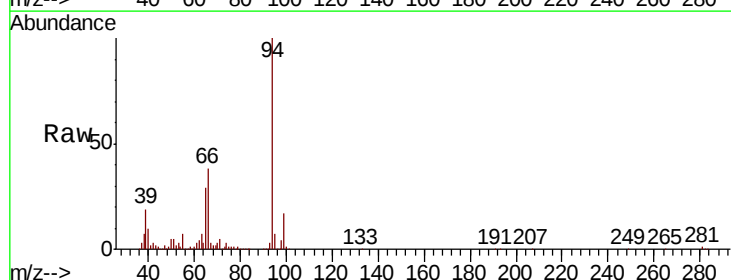
RT: 6.49 min Scan# 749

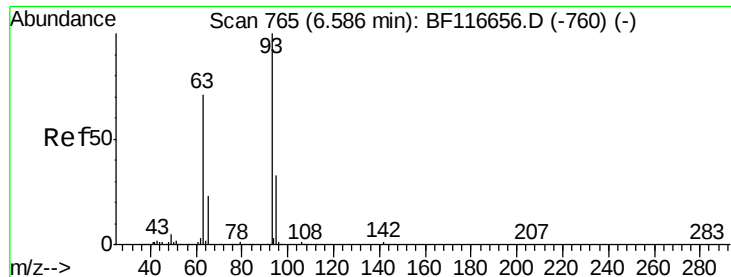
Delta R.T. 0.00 min

Lab File: BF116719.D

Acq: 1 Sep 2019 2:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	29.1	10.8	50.8		
66	37.7	21.1	61.1		





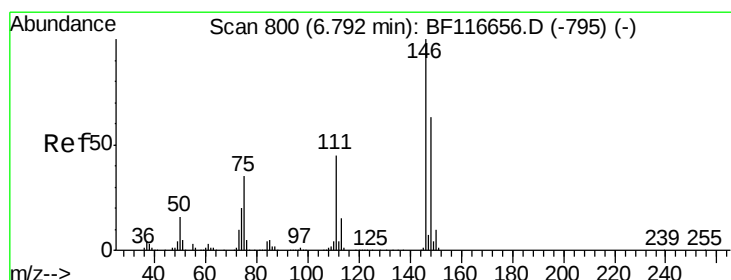
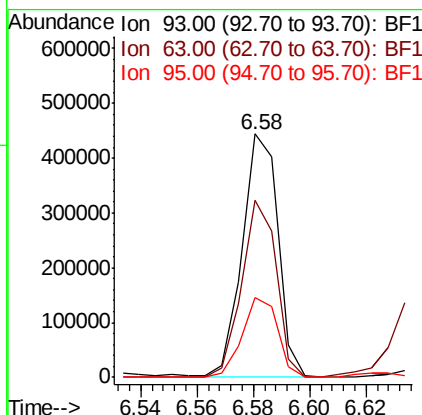
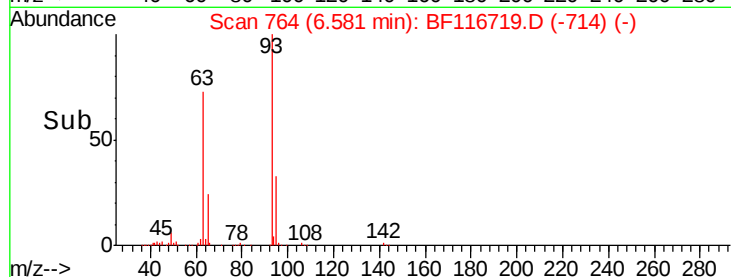
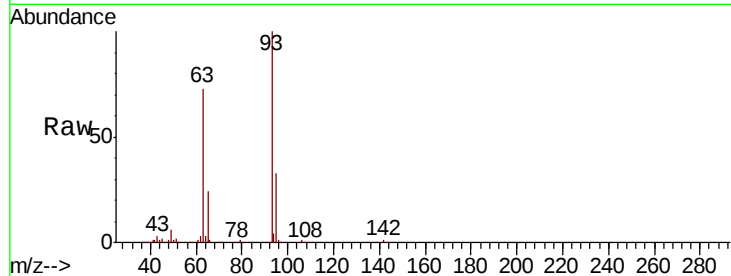
#11
bis(2-Chloroethyl)ether
Concen: 46.467 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF116719.D
Acq: 1 Sep 2019 2:19

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		387343		
63	72.8	49.9	89.9		
95	32.6	12.7	52.7		

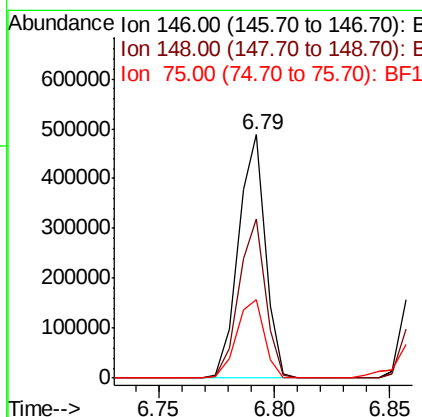
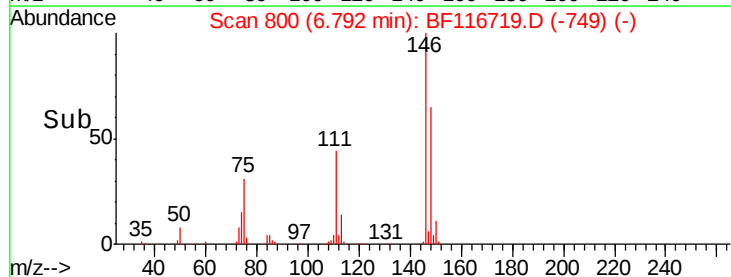
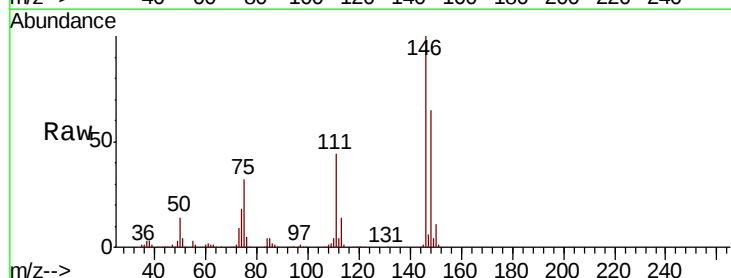
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#12
1,3-Dichlorobenzene
Concen: 43.652 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF116719.D
Acq: 1 Sep 2019 2:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		396529		
148	65.3	51.4	77.0		
75	32.1	29.6	44.4		





#13

1,4-Dichlorobenzene

Concen: 45.177 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF116719.D

Acq: 1 Sep 2019 2:19

Instrument :

BNA_F

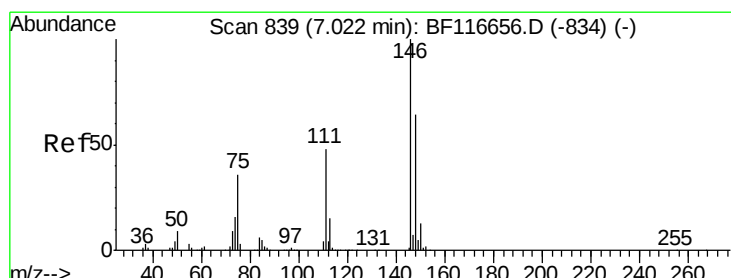
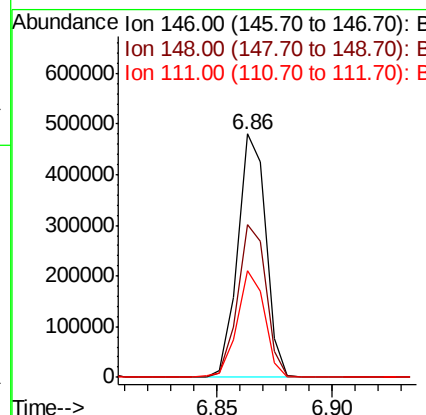
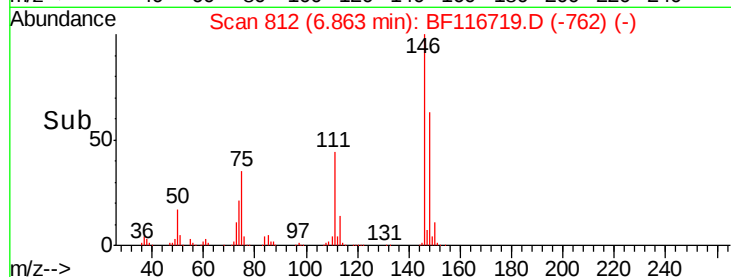
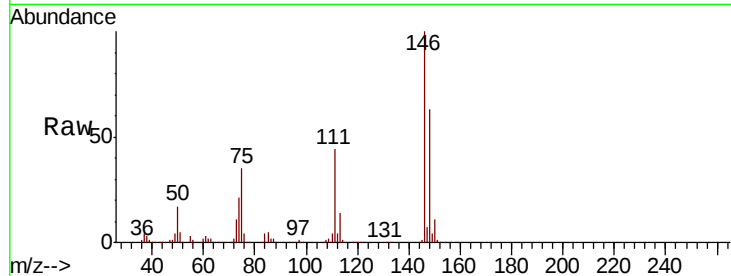
ClientSampleId :

T2-S-A1-A4MS

Tot Ion:	146	Resp:	408570
Ion Ratio	Lower	Upper	
146	100		
148	62.7	51.4	77.2
111	43.7	34.8	52.2

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#14

1,2-Dichlorobenzene

Concen: 45.182 ng

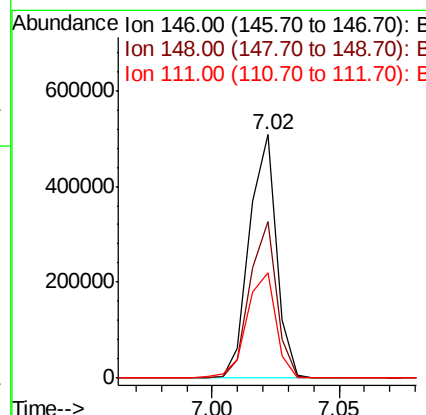
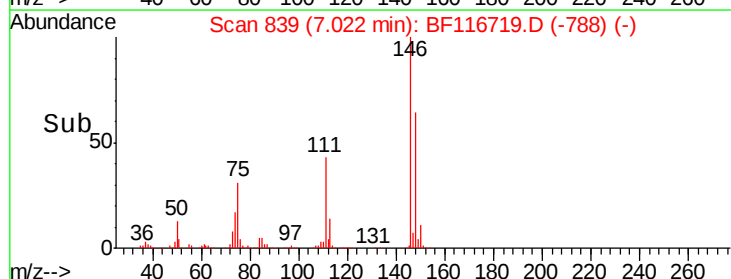
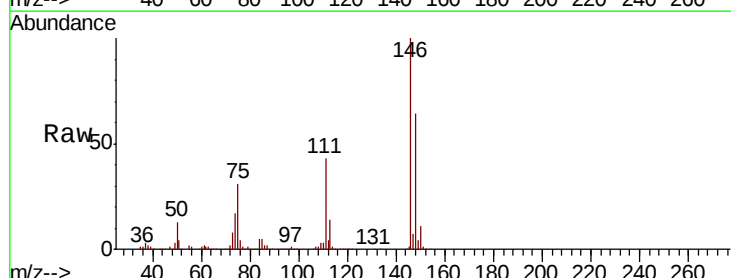
RT: 7.02 min Scan# 839

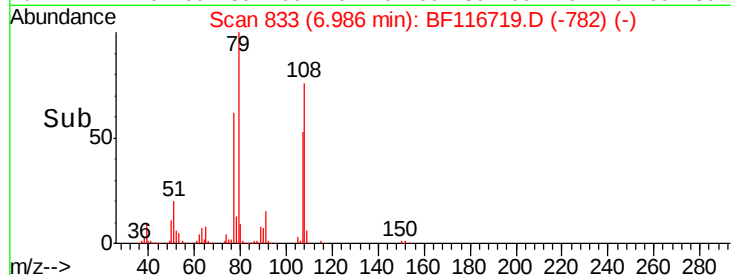
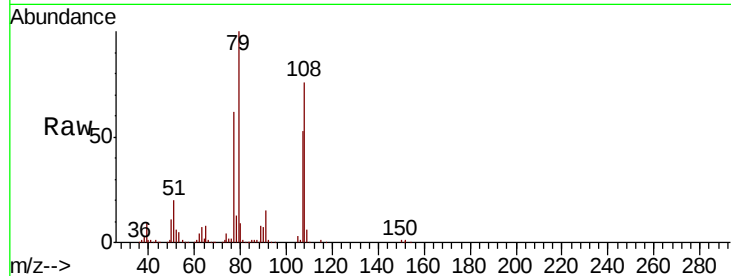
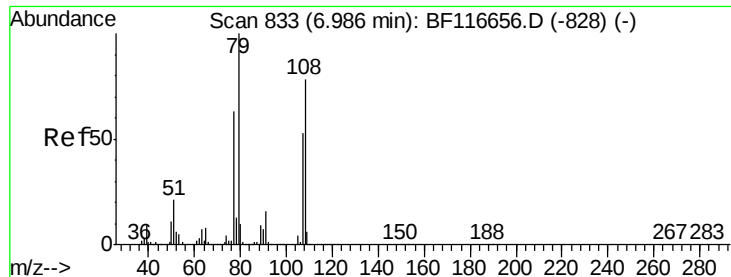
Delta R.T. 0.00 min

Lab File: BF116719.D

Acq: 1 Sep 2019 2:19

Tgt Ion:	146	Resp:	378678
Ion Ratio	Lower	Upper	
146	100		
148	64.3	52.6	78.8
111	43.2	34.2	51.4





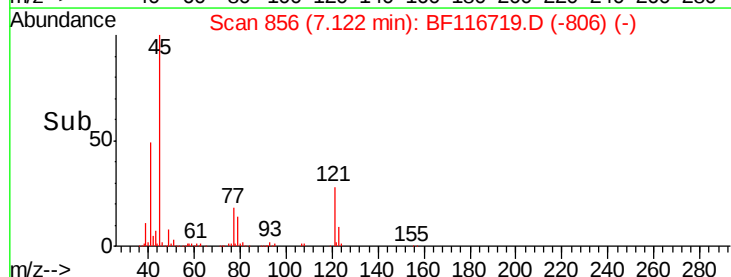
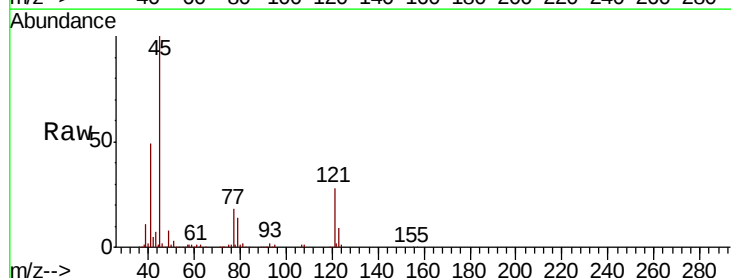
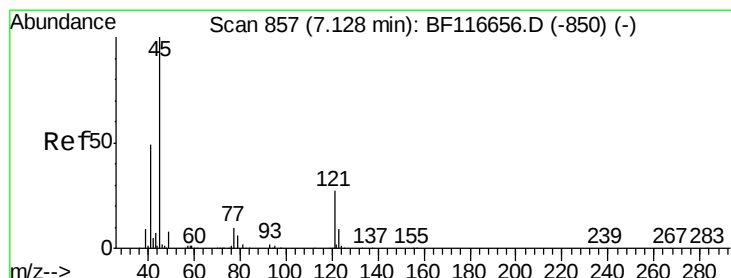
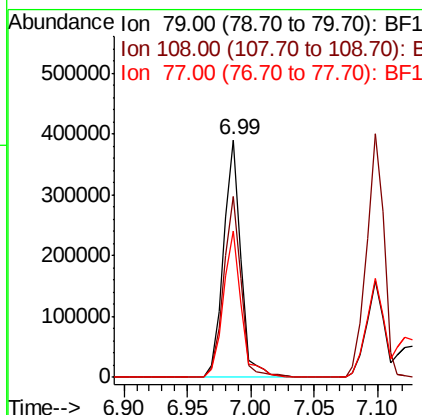
#15
Benzyl Alcohol
Concen: 47.571 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF116719.D
Acq: 1 Sep 2019 2:19

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	76.0	59.2	88.8	
77	61.8	53.0	79.4	

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MS

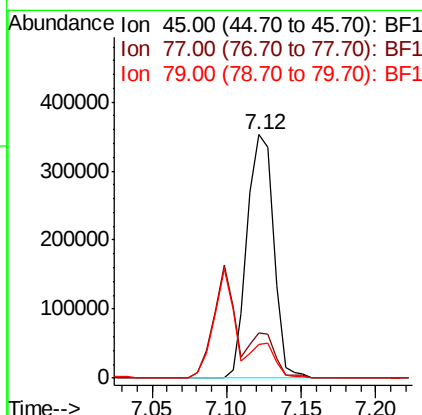
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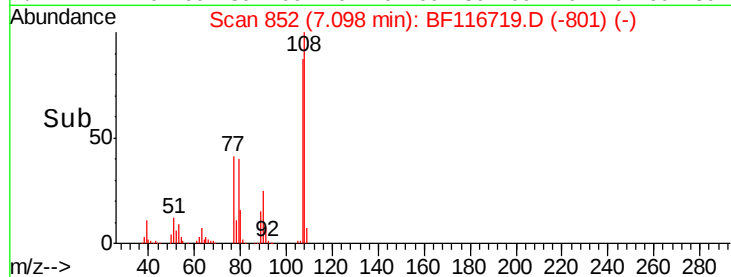
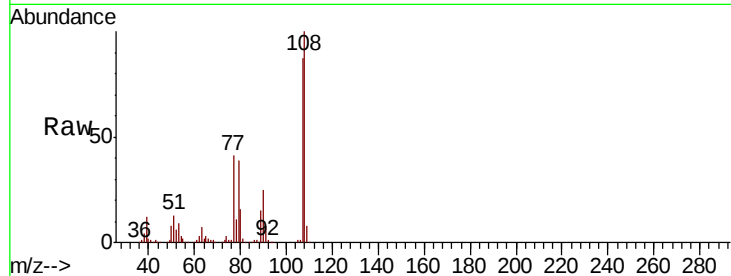
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.418 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF116719.D
Acq: 1 Sep 2019 2:19

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	18.5	0.0	38.2	
79	14.0	0.0	33.9	





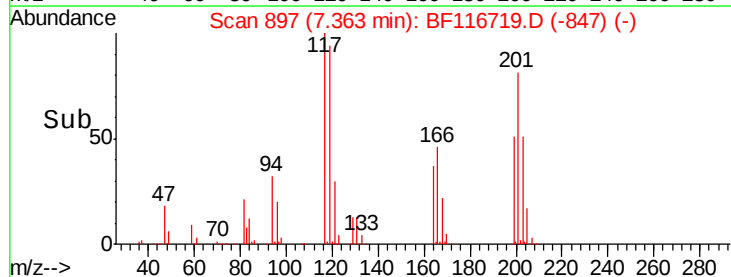
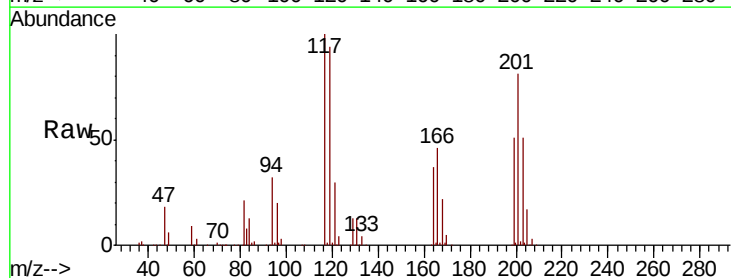
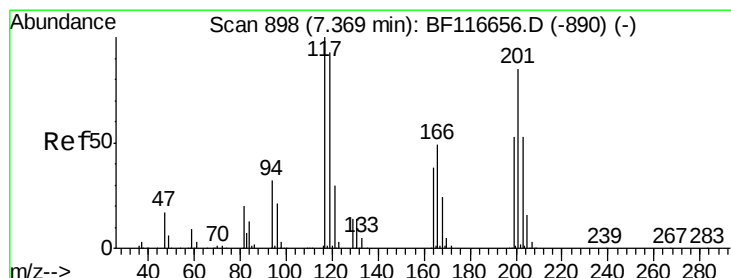
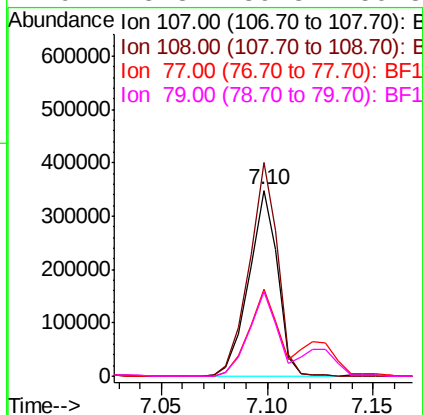
#17
2-Methylphenol
Concen: 46.643 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF116719.D
Acq: 1 Sep 2019 2:19

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	108	114.8	88.3	132.5	
77	77	46.7	39.9	59.9	
79	79	45.3	39.8	59.8	

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MS

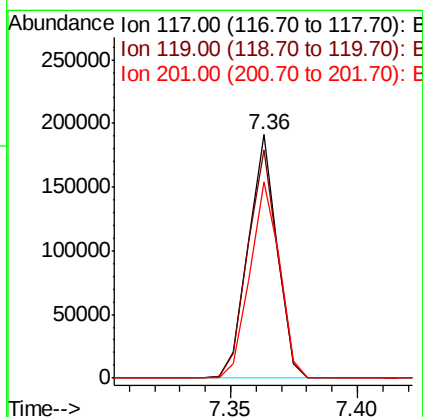
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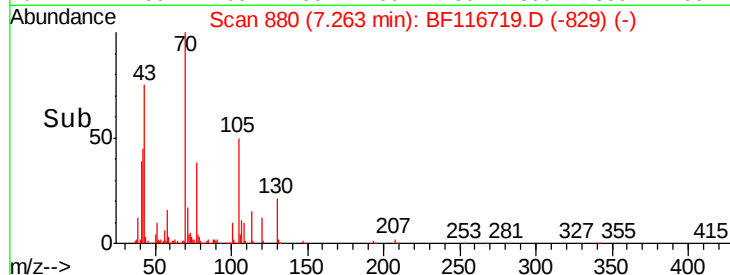
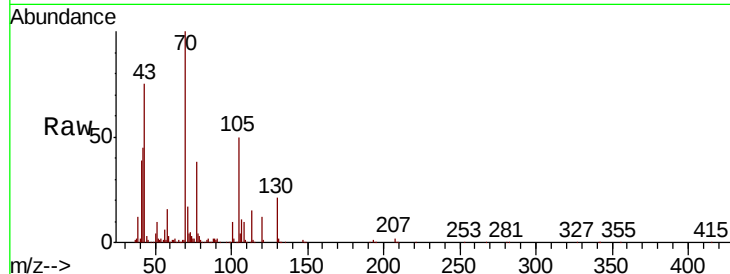
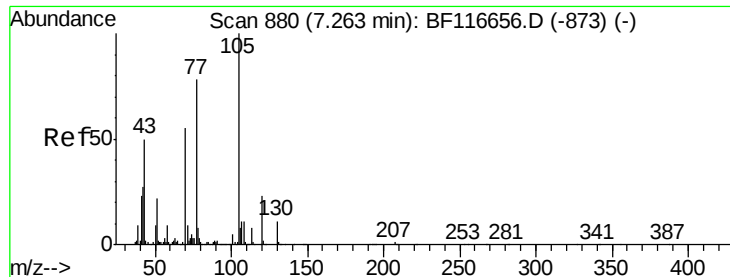
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#18
Hexachloroethane
Concen: 43.031 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF116719.D
Acq: 1 Sep 2019 2:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	119	93.8	76.9	115.3	
201	201	80.8	79.4	119.0	





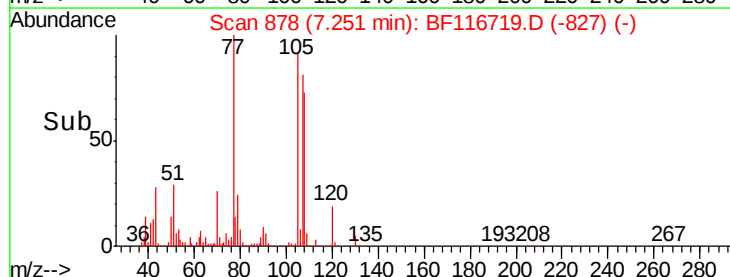
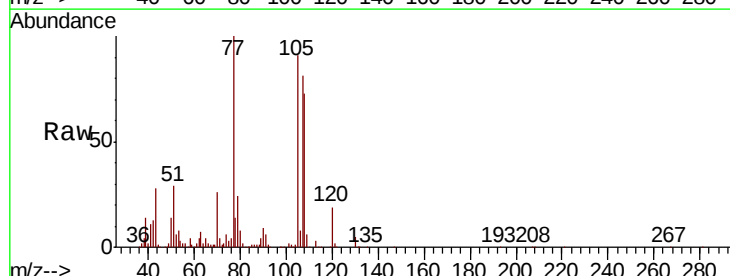
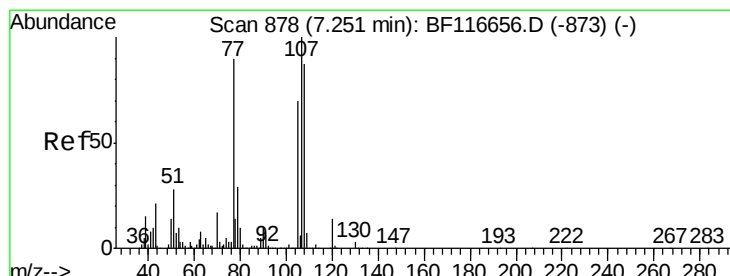
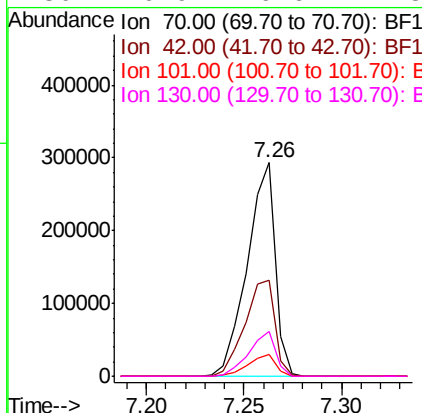
#19
n-Nitroso-di-n-propylamine
Concen: 45.741 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF116719.D
Acq: 1 Sep 2019 2:19

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	44.8	43.5	65.3
101	10.0	7.8	11.6
130	20.9	16.6	24.8

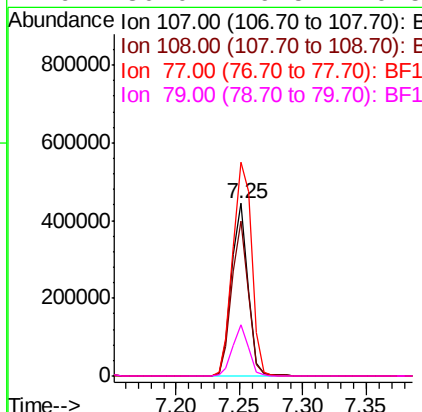
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#20
3+4-Methylphenols
Concen: 48.656 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF116719.D
Acq: 1 Sep 2019 2:19

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.9	65.5	105.5
77	124.0	69.4	109.4#
79	30.0	9.5	49.5





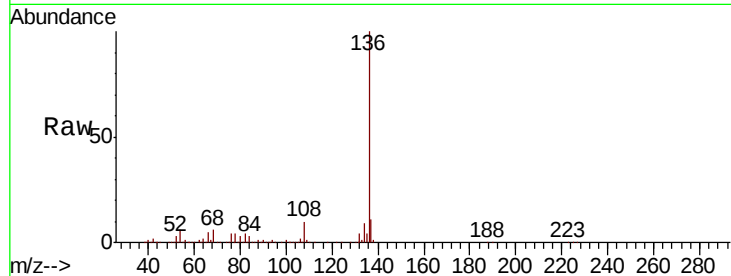
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116719.D
Acq: 1 Sep 2019 2:19

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	494090		
137	10.9	8.9	13.3	
54	6.3	4.8	7.2	
68	5.9	4.0	6.0	

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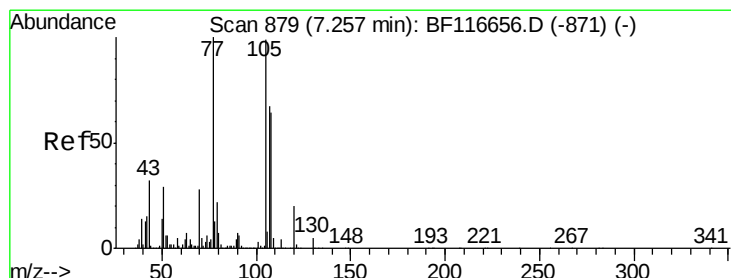
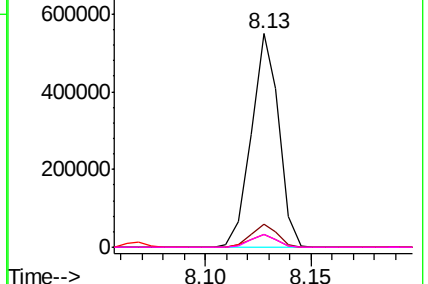
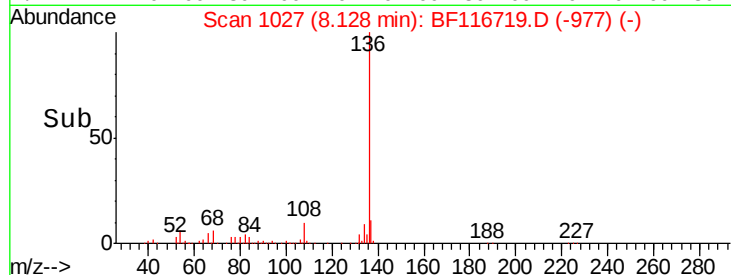
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

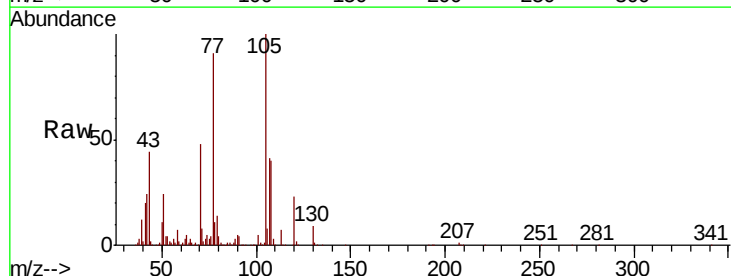
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 46.213 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF116719.D
Acq: 1 Sep 2019 2:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	549718		
71	8.0	4.2	6.4#	
51	24.3	25.8	38.8#	
120	22.6	16.4	24.6	



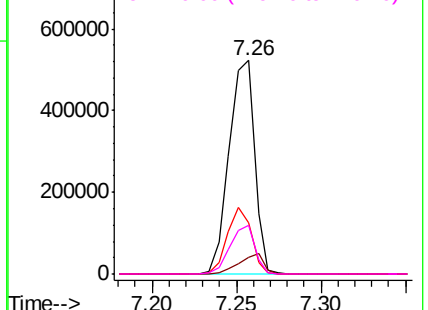
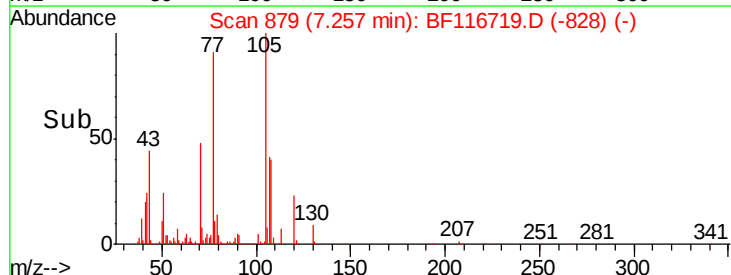
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 98.110 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.00 min

Lab File: BF116719.D

Acq: 1 Sep 2019 2:19

Instrument :

BNA_F

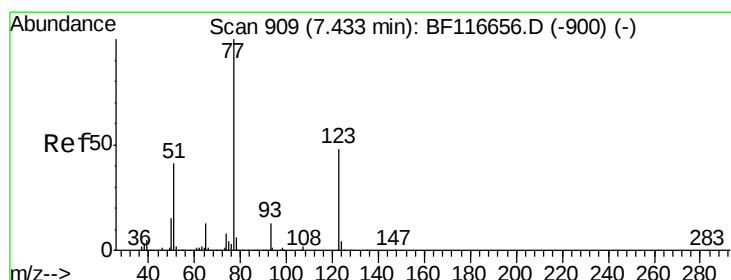
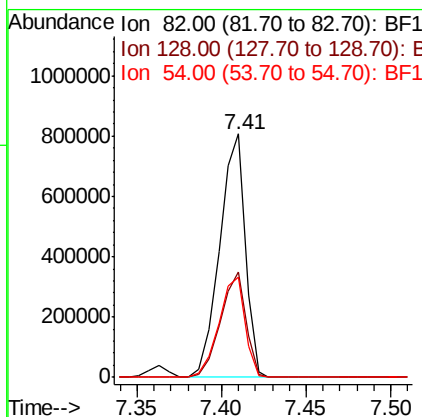
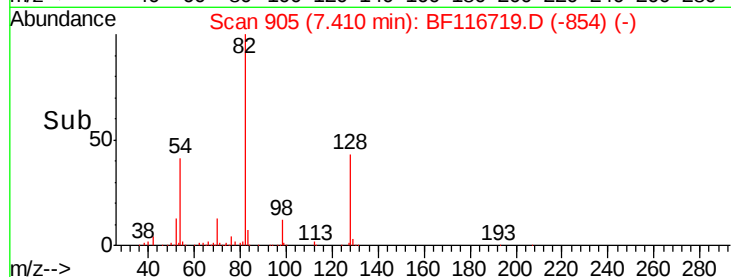
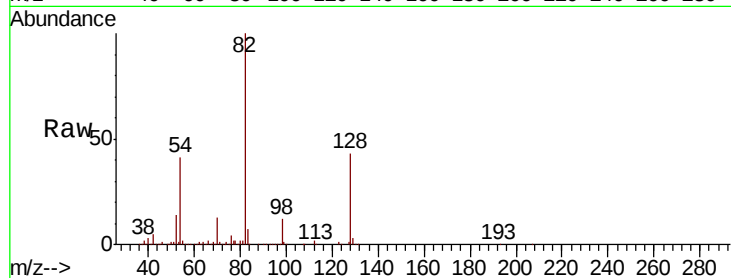
ClientSampleId :

T2-S-A1-A4MS

Tot Ion:	82	Resp:	849139
Ion Ratio	Lower	Upper	
82	100		
128	43.4	32.8	49.2
54	41.4	36.9	55.3

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#24

Nitrobenzene

Concen: 51.022 ng

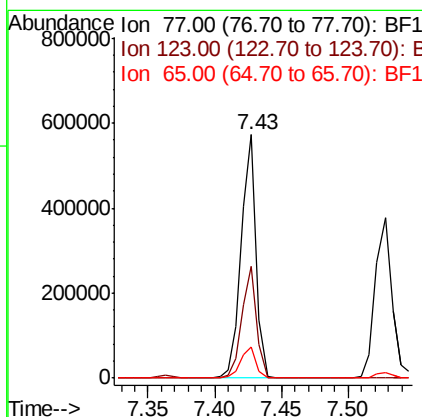
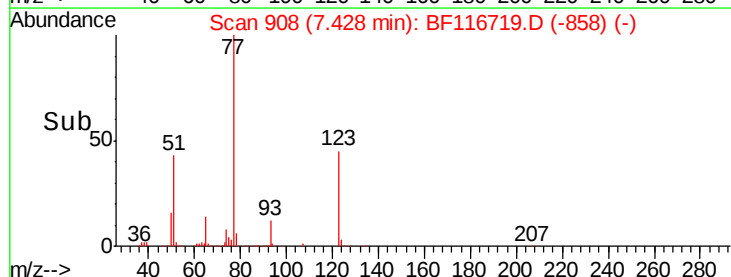
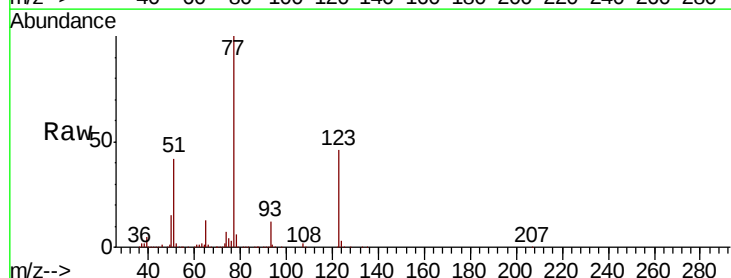
RT: 7.43 min Scan# 908

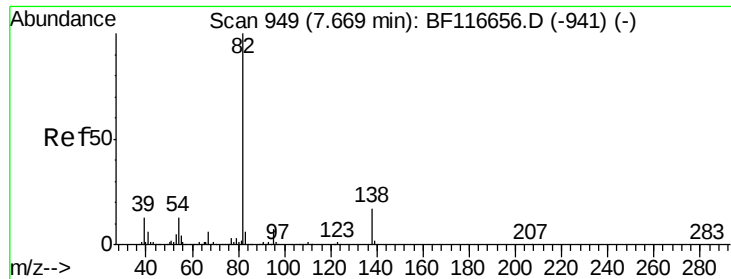
Delta R.T. -0.01 min

Lab File: BF116719.D

Acq: 1 Sep 2019 2:19

Tgt Ion:	77	Resp:	449123
Ion Ratio	Lower	Upper	
77	100		
123	45.9	33.1	49.7
65	13.1	10.6	15.8





#25

Isophorone

Concen: 47.646 ng

RT: 7.67 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF116719.D

Acq: 1 Sep 2019 2:19

Instrument :

BNA_F

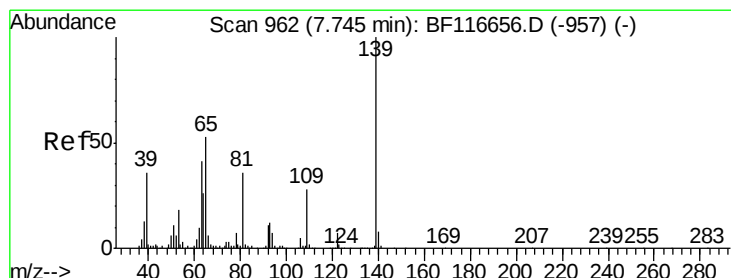
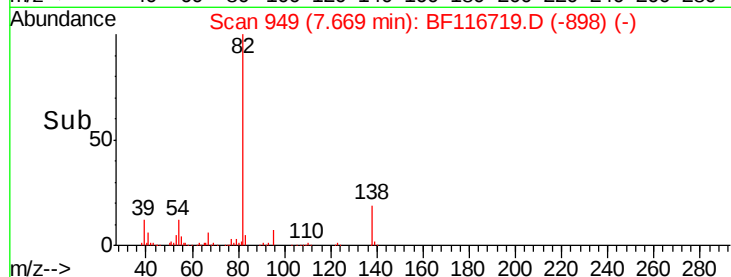
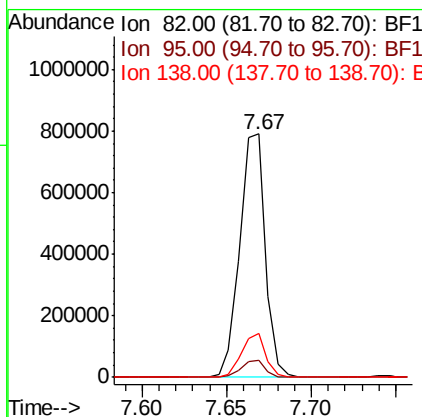
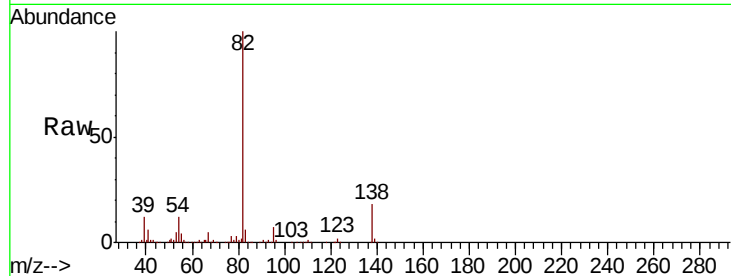
ClientSampleId :

T2-S-A1-A4MS

Tot Ion:	82	Resp:	835610
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.8	8.6
138	18.2	13.5	20.3

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#26

2-Nitrophenol

Concen: 58.459 ng

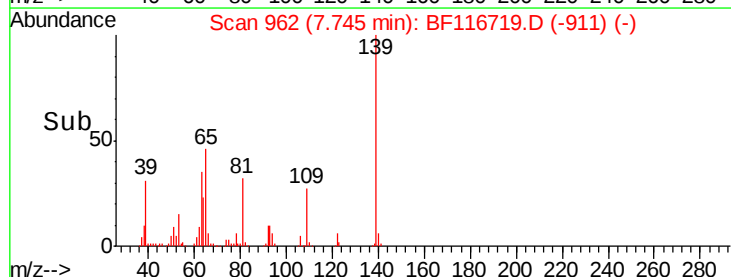
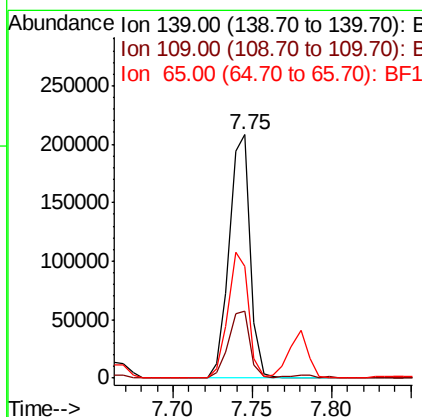
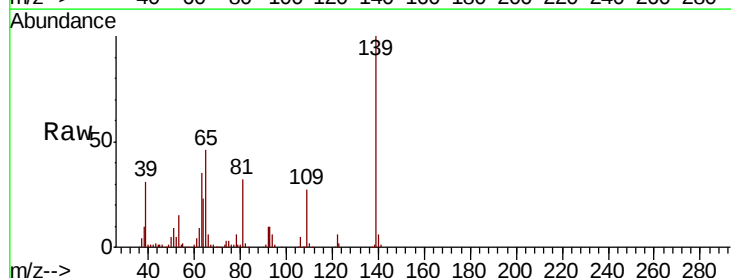
RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF116719.D

Acq: 1 Sep 2019 2:19

Tgt Ion:	139	Resp:	191314
Ion Ratio	Lower	Upper	
139	100		
109	27.3	27.1	40.7
65	45.7	43.0	64.6





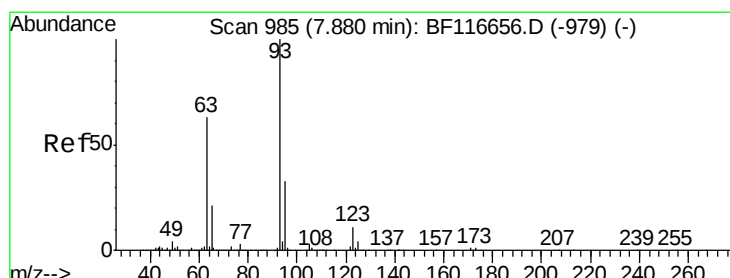
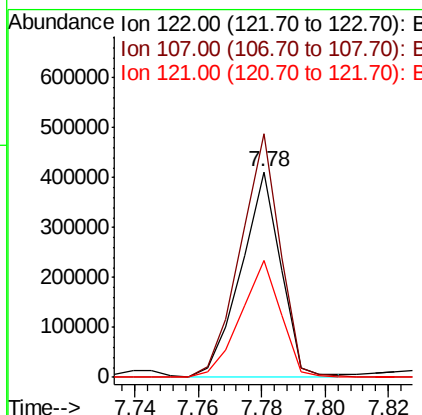
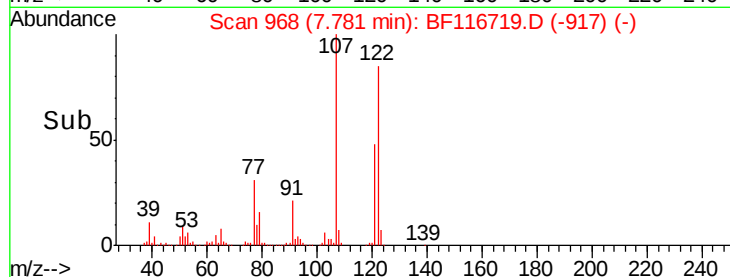
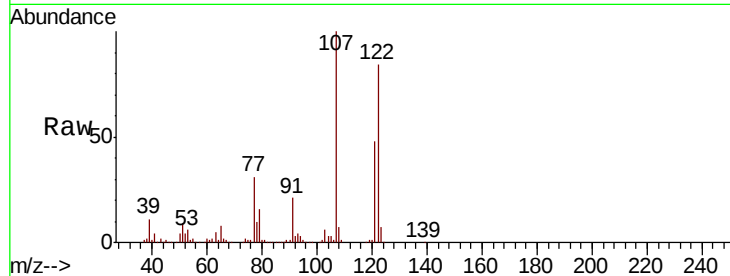
#27
2,4-Dimethylphenol
Concen: 54.362 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF116719.D
Acq: 1 Sep 2019 2:19

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	118.4	98.1	147.1	
121	56.9	47.3	70.9	

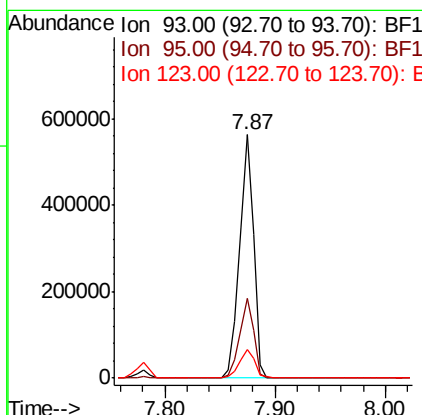
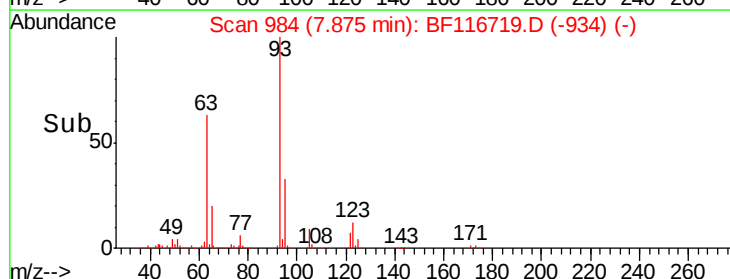
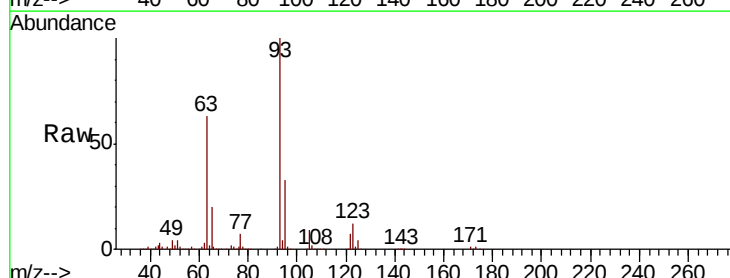
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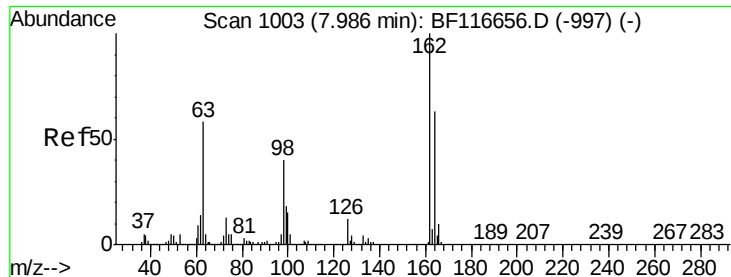
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 47.316 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF116719.D
Acq: 1 Sep 2019 2:19

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	32.8	26.4	39.6	
123	11.7	9.8	14.8	





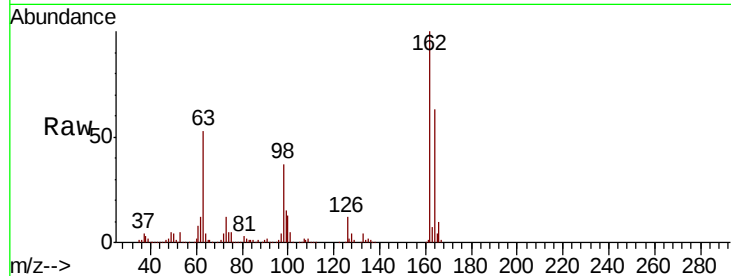
#29
2,4-Dichlorophenol
Concen: 52.787 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF116719.D
Acq: 1 Sep 2019 2:19

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MS

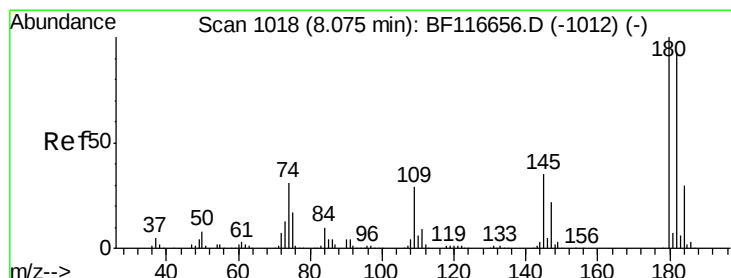
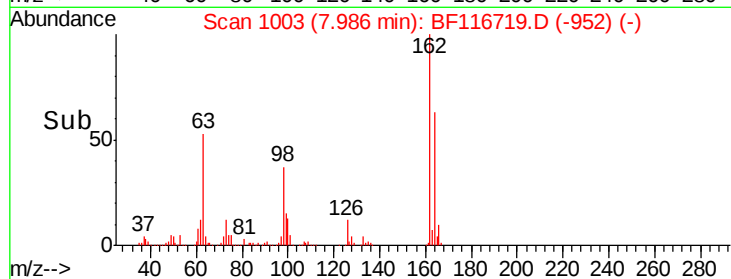
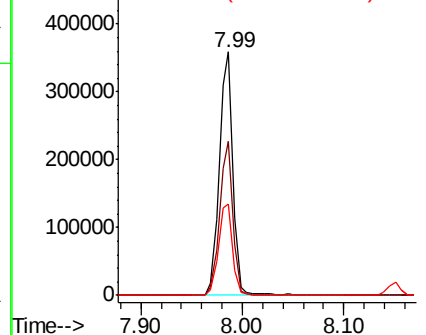
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		335289		
164	63.4	43.4		83.4	
98	37.4	18.1		58.1	

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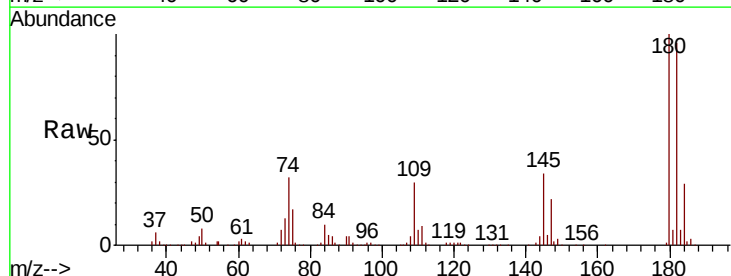


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

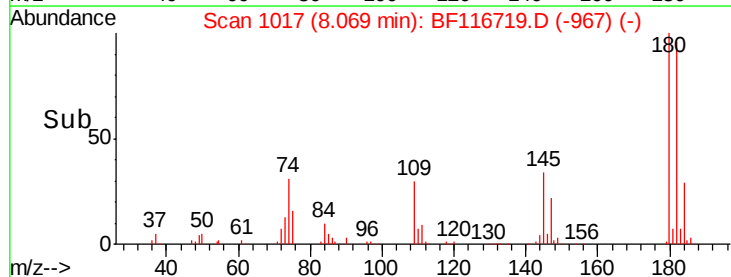
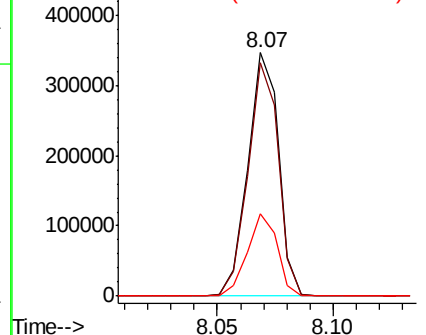


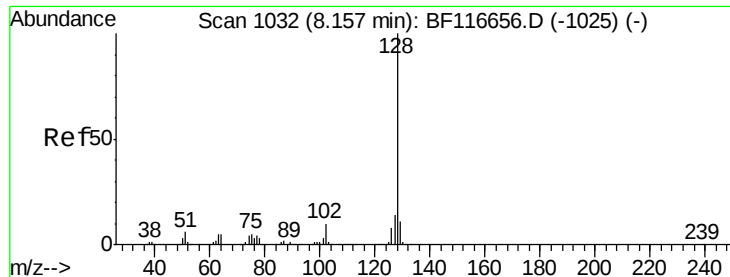
#30
1,2,4-Trichlorobenzene
Concen: 46.874 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF116719.D
Acq: 1 Sep 2019 2:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		322928		
182	96.1	78.6		118.0	
145	33.7	25.7		38.5	



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





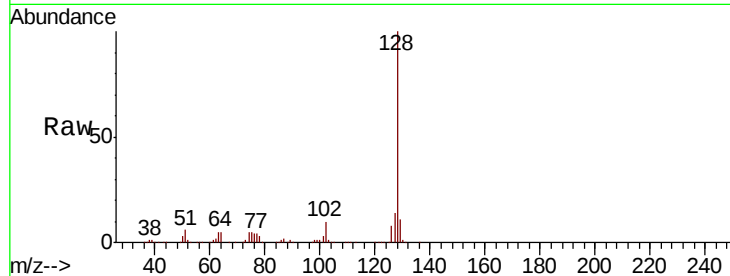
#31
Naphthalene
Concen: 48.614 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF116719.D
Acq: 1 Sep 2019 2:19

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	13.0
127	13.7	10.4	15.6

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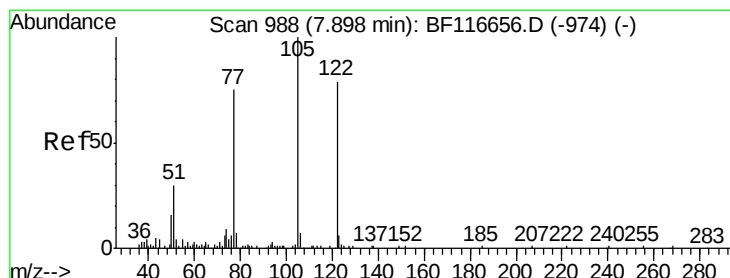
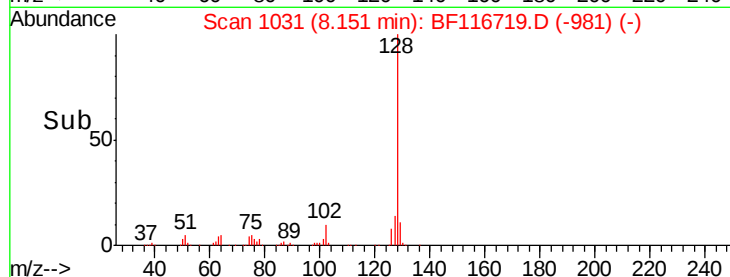
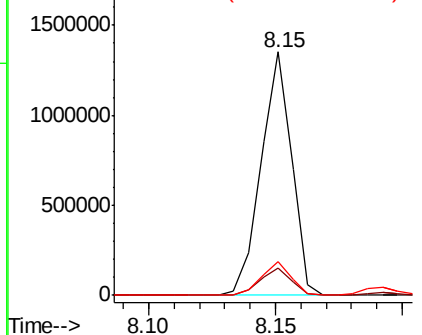


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 40.613 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF116719.D
Acq: 1 Sep 2019 2:19

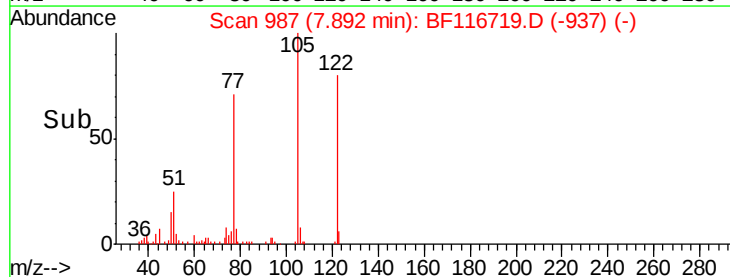
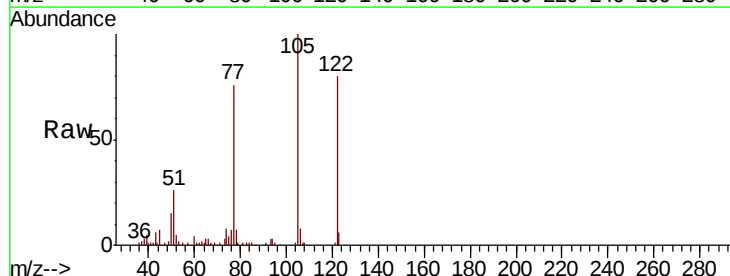
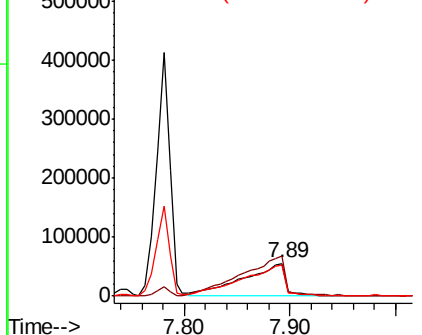
Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.2	110.0	150.0
77	94.7	81.7	121.7

Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





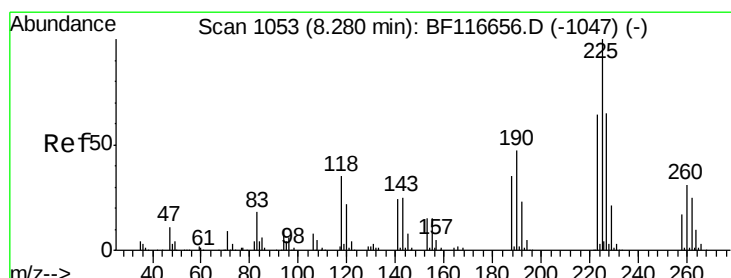
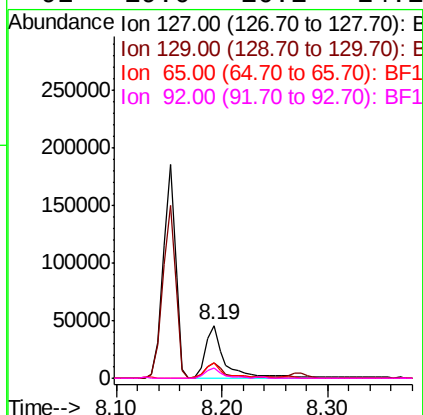
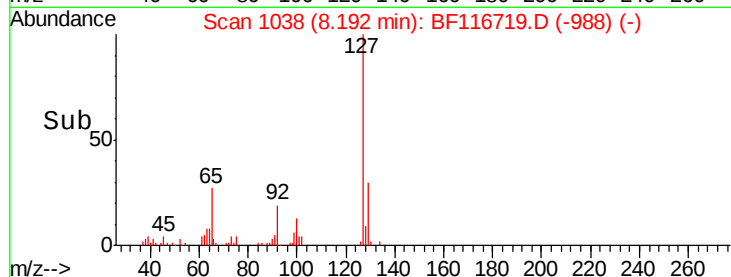
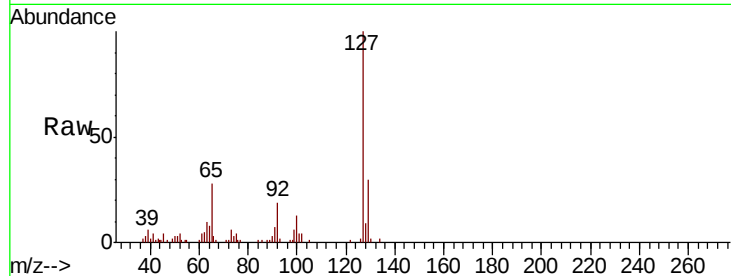
#33
4-Chloroaniline
Concen: 5.458 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF116719.D
Acq: 1 Sep 2019 2:19

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		58371		
129	30.2	26.2	39.2		
65	28.2	26.0	39.0		
92	19.0	16.1	24.1		

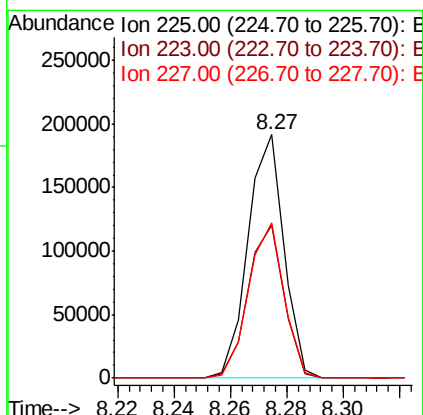
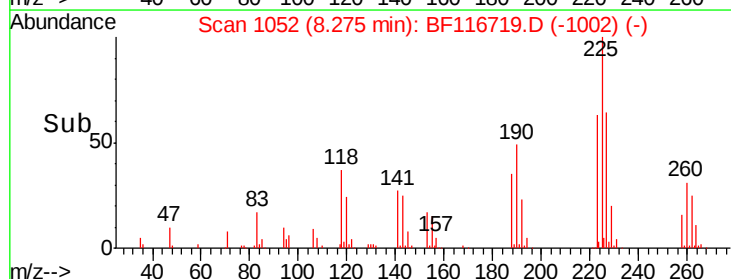
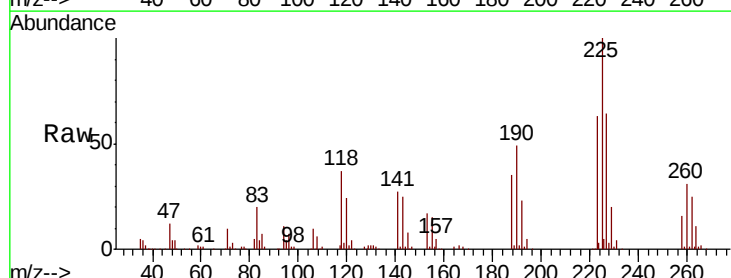
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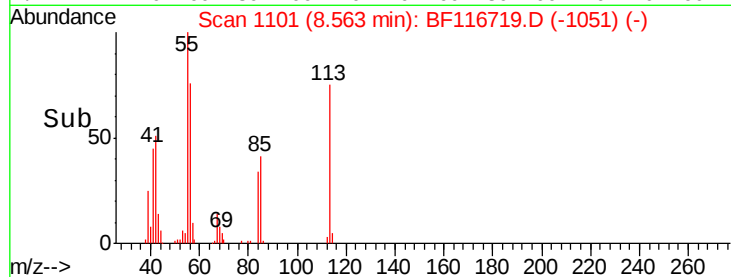
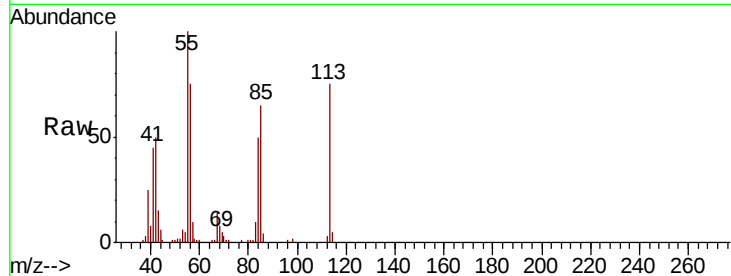
mohammad
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#34
Hexachlorobutadiene
Concen: 44.907 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF116719.D
Acq: 1 Sep 2019 2:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		168687		
223	62.8	49.4	74.2		
227	63.9	51.0	76.4		





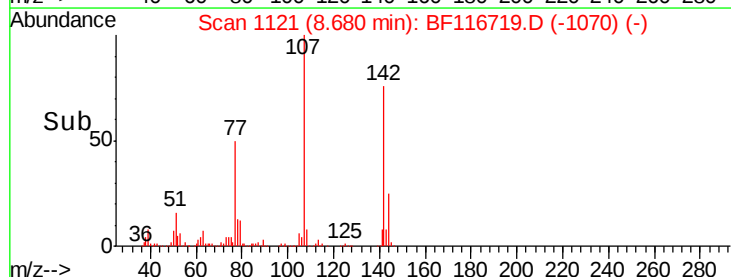
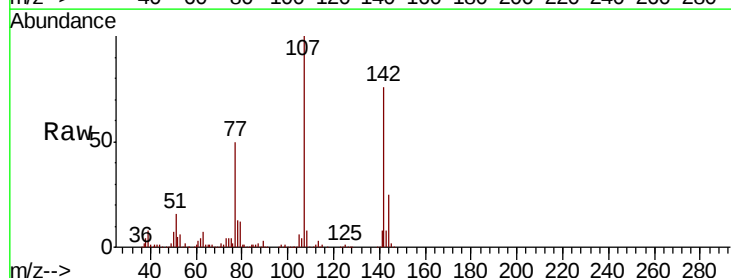
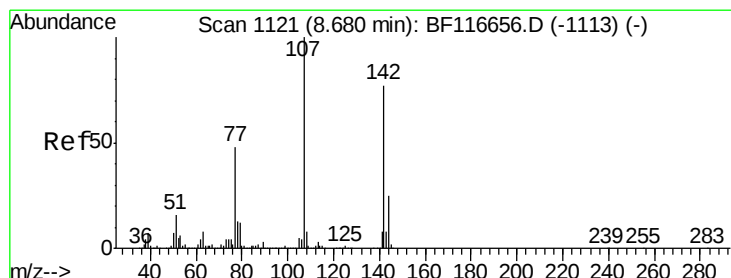
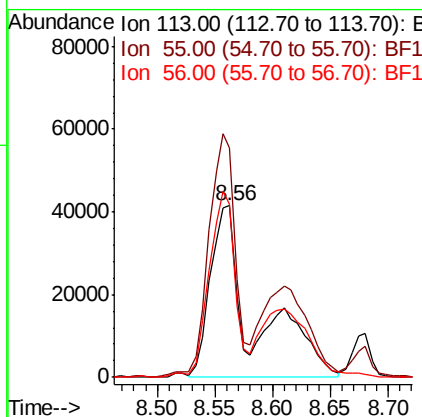
#35
Caprolactam
Concen: 45.186 ng/ml
RT: 8.56 min Scan# 1101
Delta R.T. -0.01 min
Lab File: BF116719.D
Acq: 1 Sep 2019 2:19

Tot Ion	Ratio	Resp	Lower	Upper
113	100	107411		
55	133.8	124.3	164.3	
56	100.9	94.6	134.6	

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MS

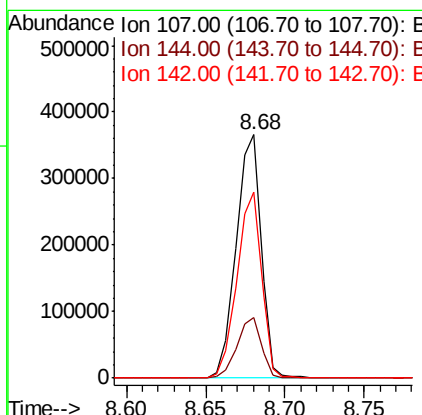
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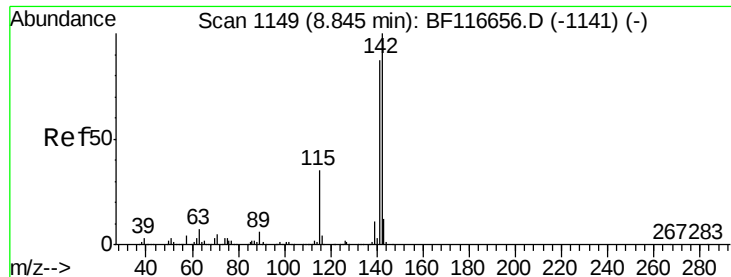
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 54.850 ng/ml
RT: 8.68 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BF116719.D
Acq: 1 Sep 2019 2:19

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	400421		
144	25.0	18.6	27.8	
142	76.2	58.5	87.7	





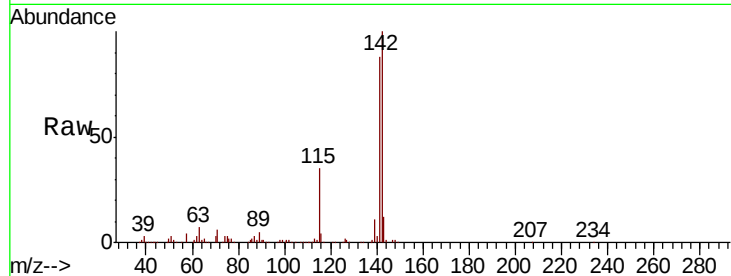
#37
2-Methylnaphthalene
Concen: 50.813 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF116719.D
Acq: 1 Sep 2019 2:19

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	72.6	109.0
115	35.3	29.8	44.6

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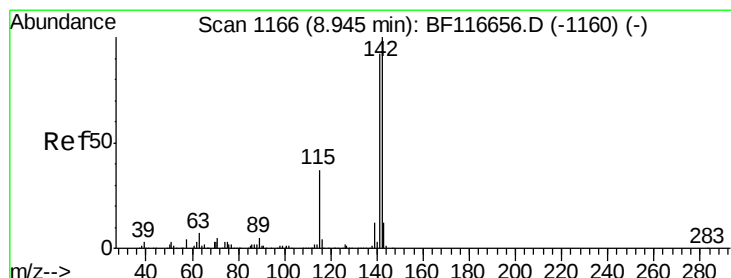
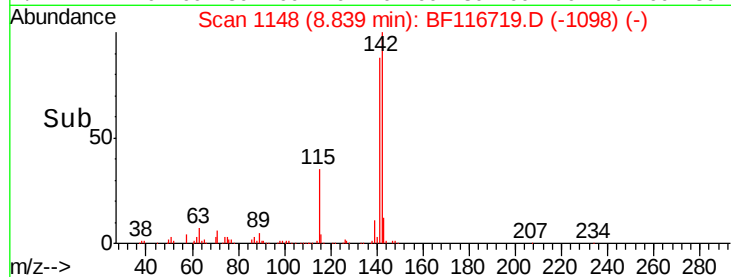
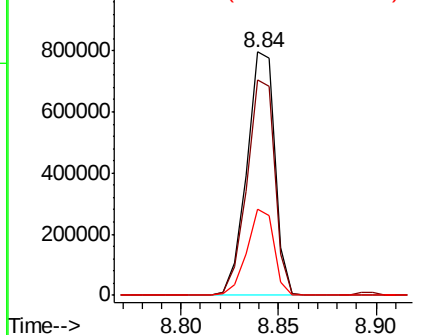


Abundance

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: 50.997 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF116719.D
Acq: 1 Sep 2019 2:19

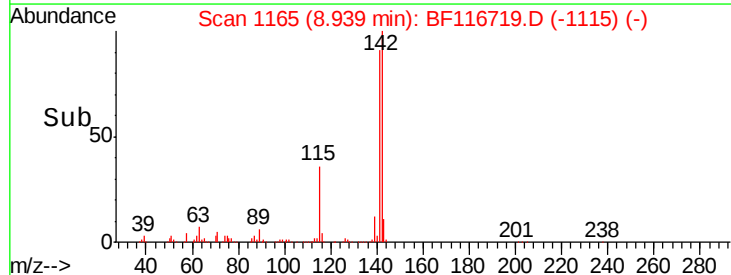
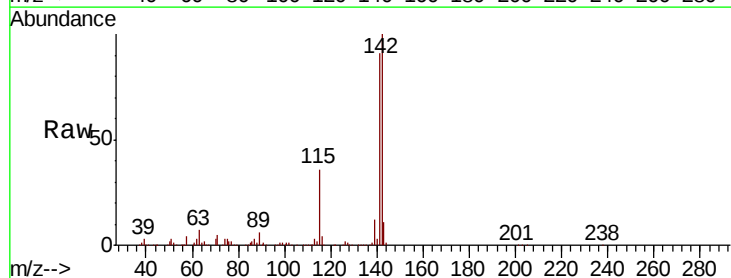
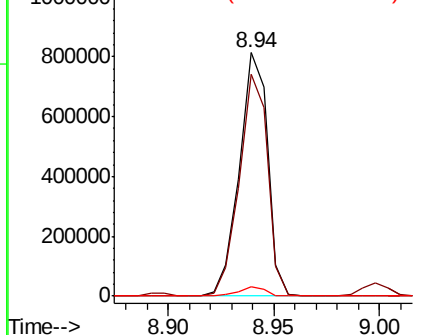
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	73.9	110.9
116	3.9	3.0	4.6

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





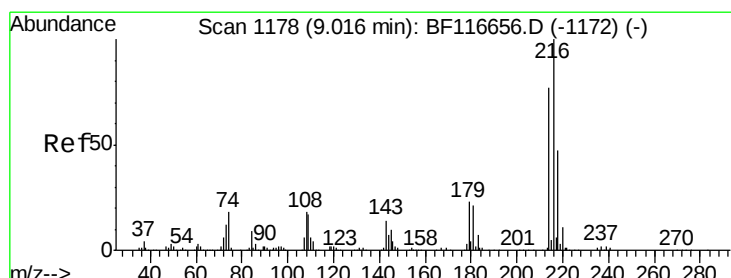
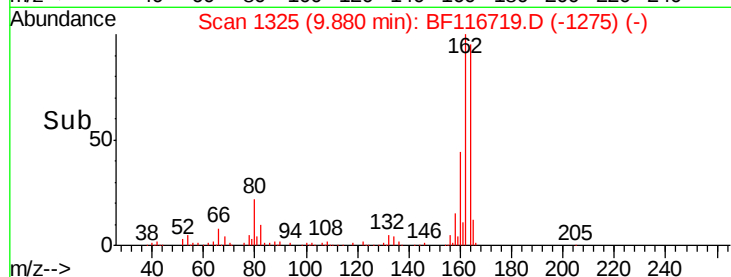
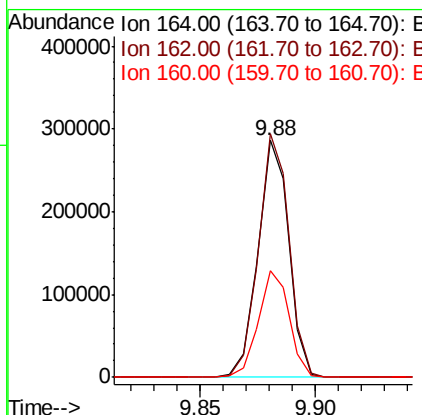
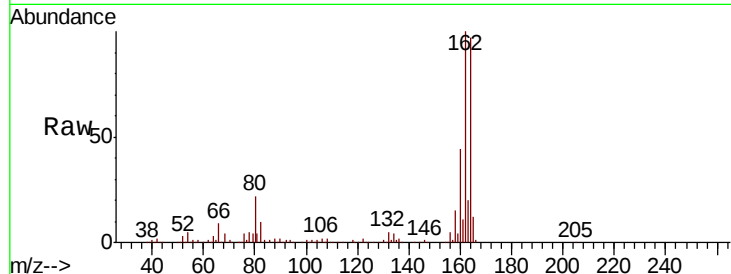
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116719.D
Acq: 1 Sep 2019 2:19

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	265490		
162	102.7	81.4	122.0	
160	44.8	35.4	53.2	

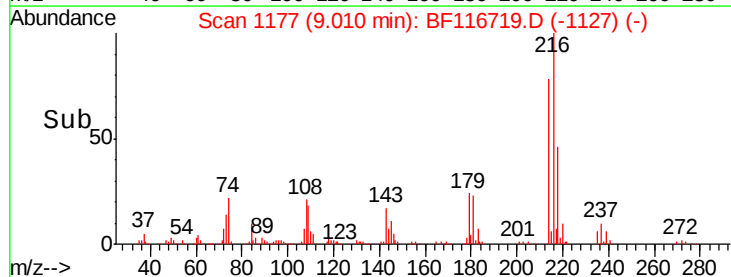
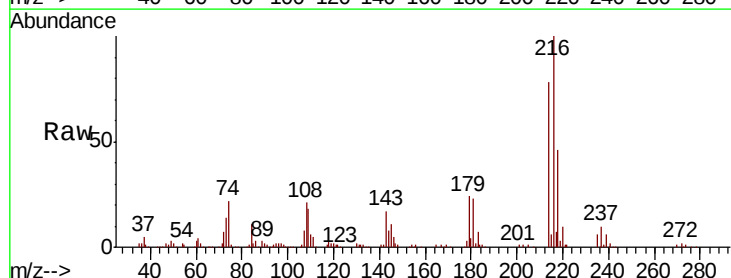
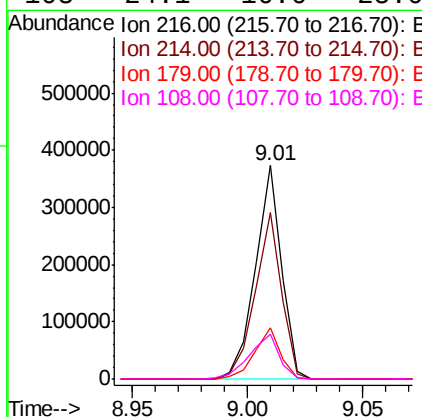
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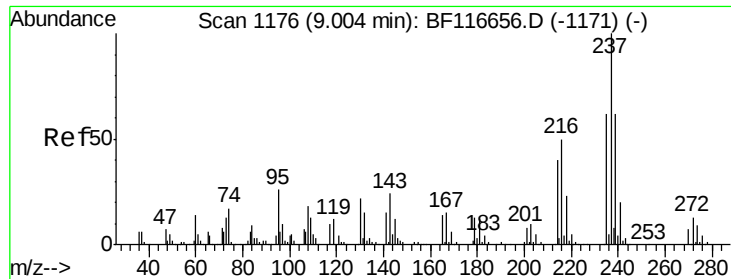
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.614 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF116719.D
Acq: 1 Sep 2019 2:19

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	296667		
214	78.7	62.7	94.1	
179	23.5	19.3	28.9	
108	24.1	16.6	25.0	





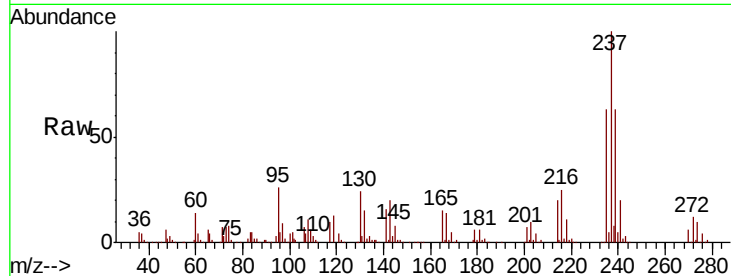
#41
Hexachlorocyclopentadiene
Concen: 67.260 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF116719.D
Acq: 1 Sep 2019 2:19

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MS

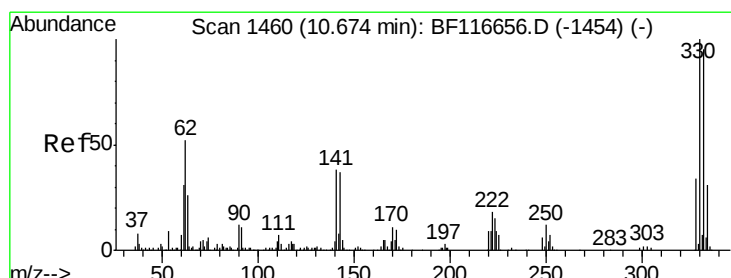
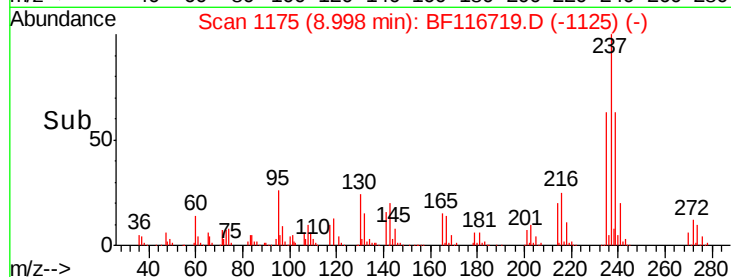
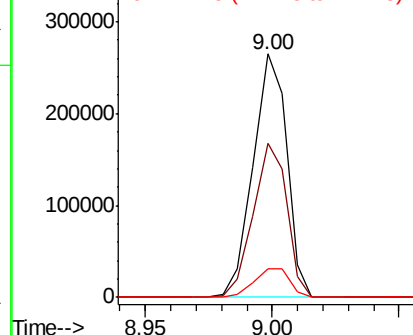
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.2	41.4	81.4
272	11.6	0.0	32.8

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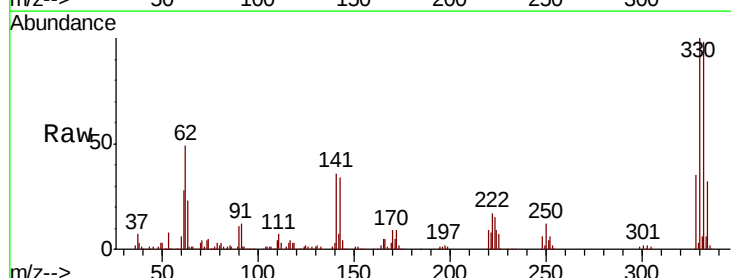


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

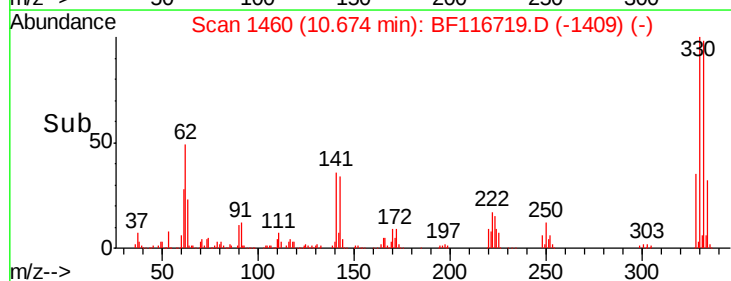
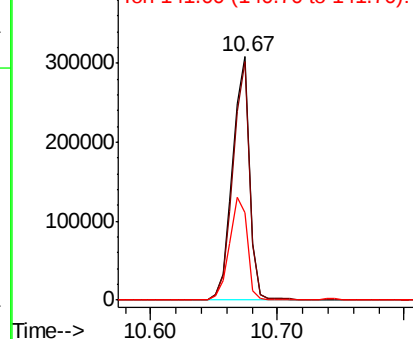


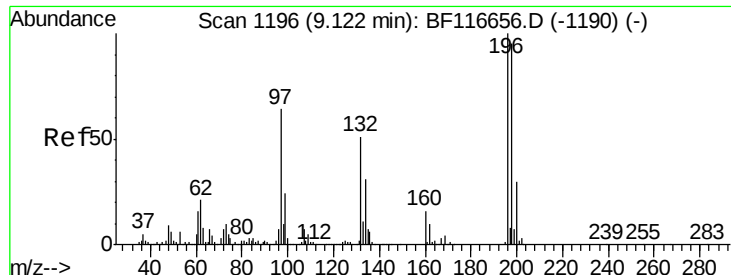
#42
2,4,6-Tribromophenol
Concen: 161.856 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BF116719.D
Acq: 1 Sep 2019 2:19

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.0	76.9	115.3
141	44.6	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





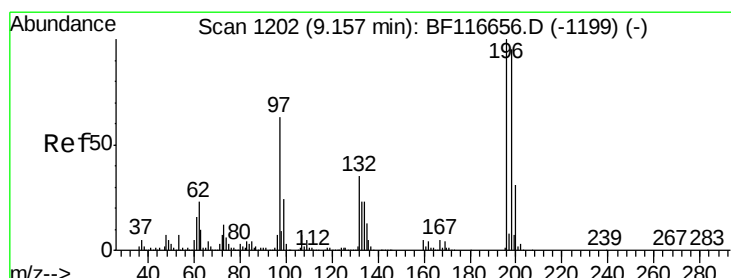
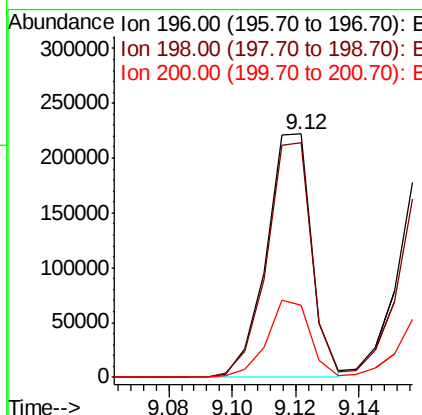
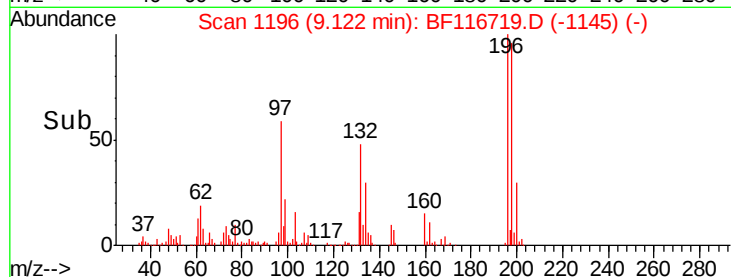
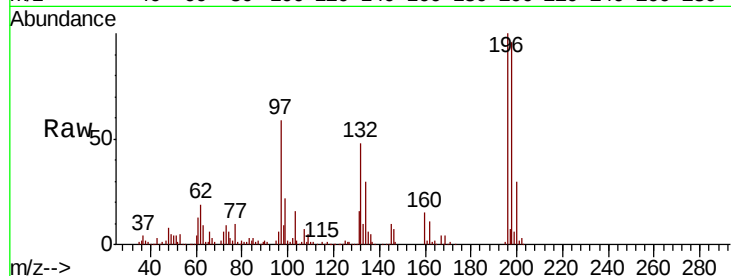
#43
 2,4,6-Trichlorophenol
 Concen: 50.407 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF116719.D
 Acq: 1 Sep 2019 2:19

Instrument :
 BNA_F
 ClientSampleId :
 T2-S-A1-A4MS

Tot Ion:	196	Resp:	219910
Ion Ratio		Lower	Upper
196	100		
198	96.5	79.1	118.7
200	29.6	24.0	36.0

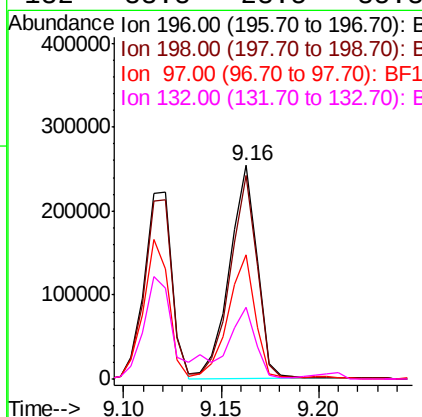
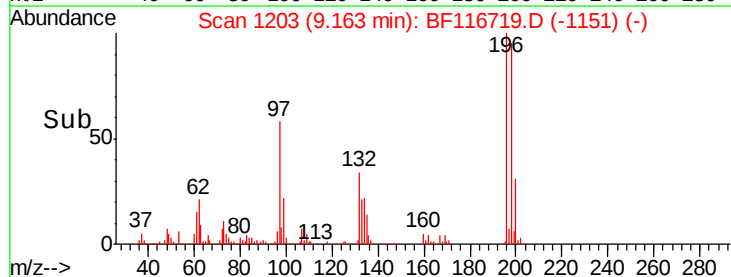
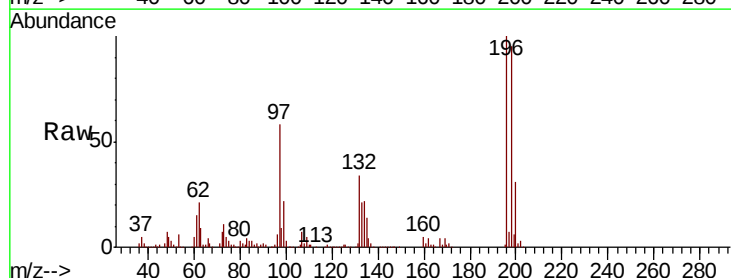
Manual Integrations
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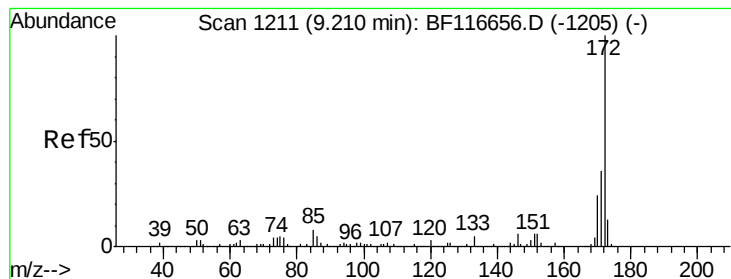
mohammad
 9/5/2019 9:23:45 AM



#44
 2,4,5-Trichlorophenol
 Concen: 55.092 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.01 min
 Lab File: BF116719.D
 Acq: 1 Sep 2019 2:19

Tgt Ion:	196	Resp:	249525
Ion Ratio		Lower	Upper
196	100		
198	95.4	78.1	117.1
97	58.2	41.6	62.4
132	33.8	23.5	35.3





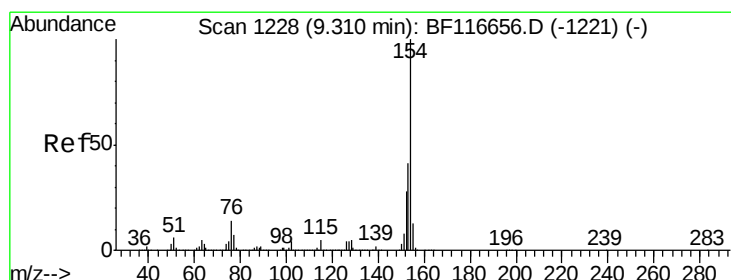
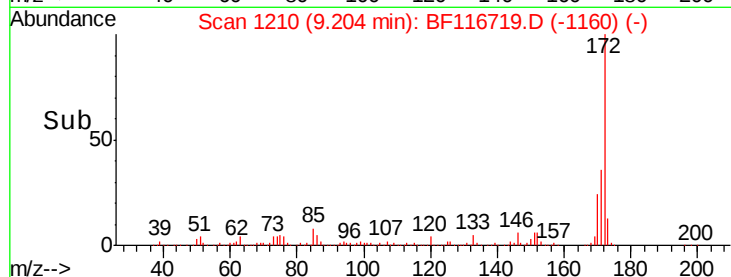
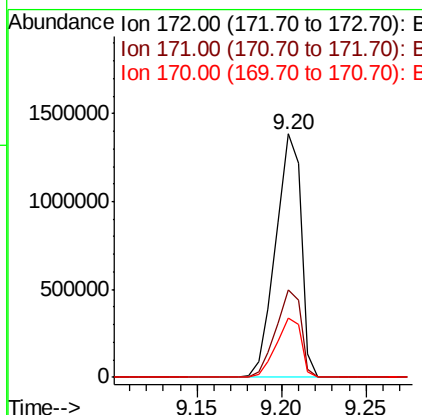
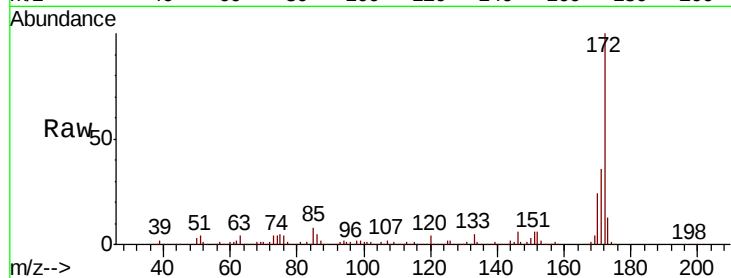
#45
2-Fluorobiphenyl
Concen: 92.168 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF116719.D
Acq: 1 Sep 2019 2:19

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	27.8	41.6
170	24.4	18.9	28.3

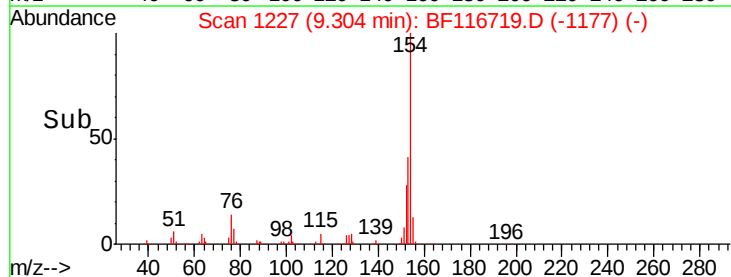
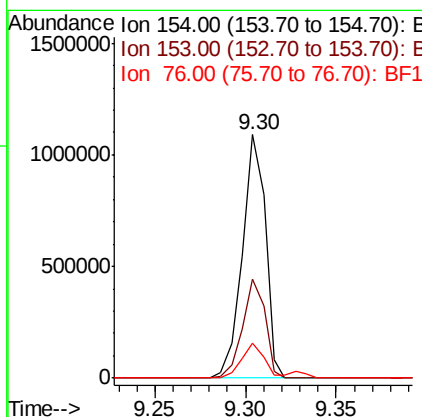
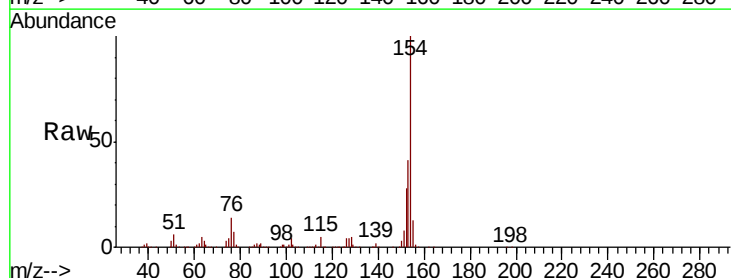
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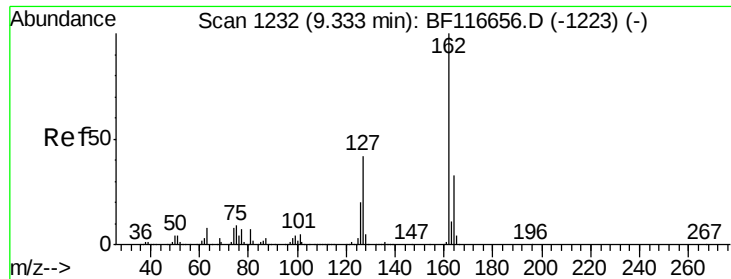
mohammad
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#46
1,1'-Biphenyl
Concen: 47.821 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF116719.D
Acq: 1 Sep 2019 2:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.2	61.2
76	14.3	0.0	30.9





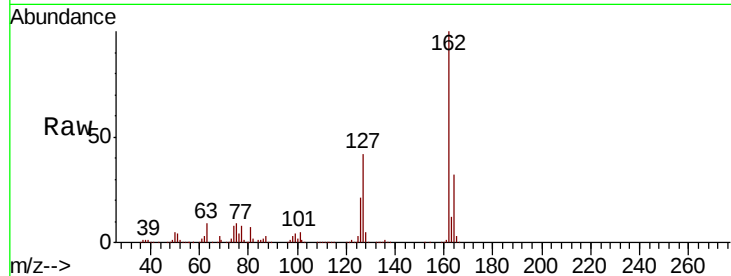
#47
2-Chloronaphthalene
Concen: 47.003 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF116719.D
Acq: 1 Sep 2019 2:19

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	42.5	33.4	50.2
164	31.8	26.6	39.8

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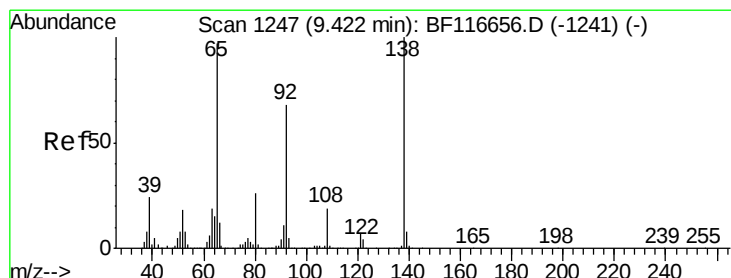
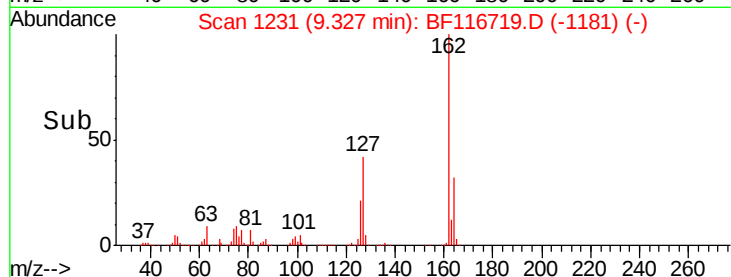
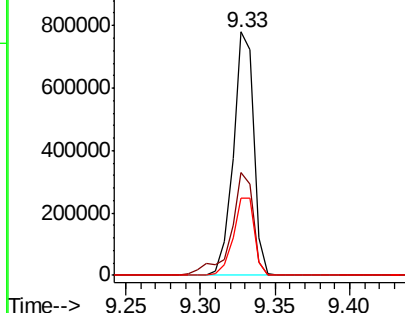


Abundance

Ion 162.00 (161.70 to 162.70): E

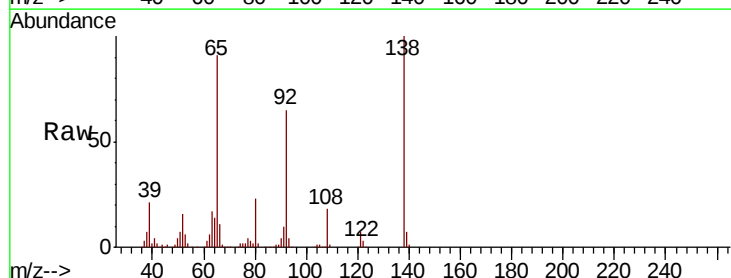
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 55.147 ng
RT: 9.42 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BF116719.D
Acq: 1 Sep 2019 2:19

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	71.5	57.1	85.7
138	110.1	88.2	132.2

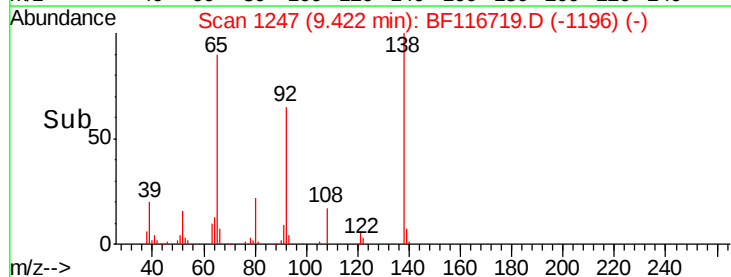
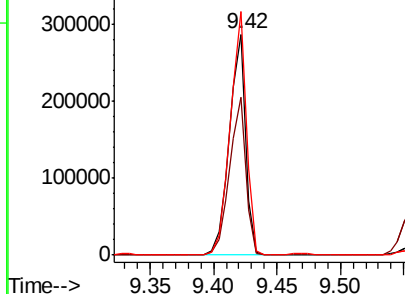


Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





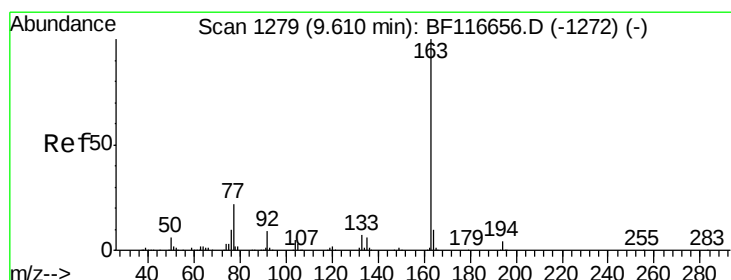
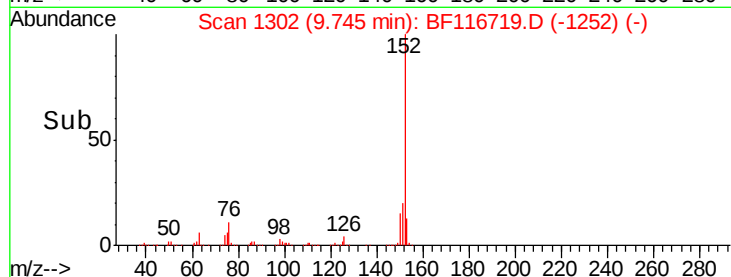
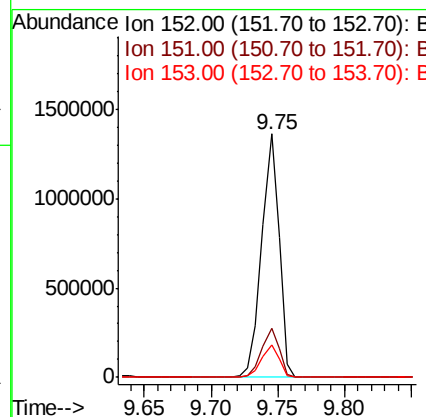
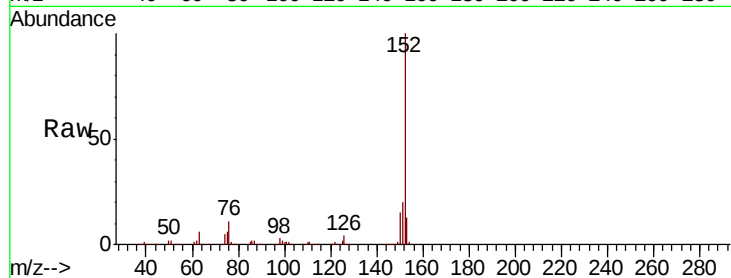
#49
Acenaphthylene
Concen: 50.247 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF116719.D
Acq: 1 Sep 2019 2:19

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.9	23.9
153	13.5	10.9	16.3

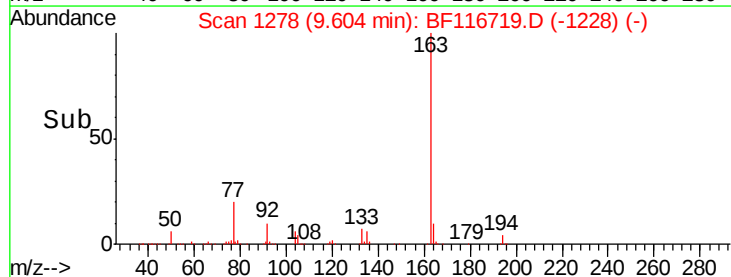
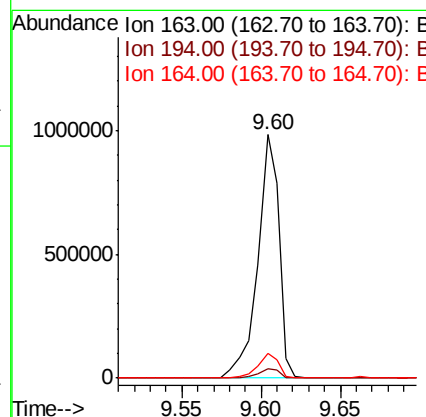
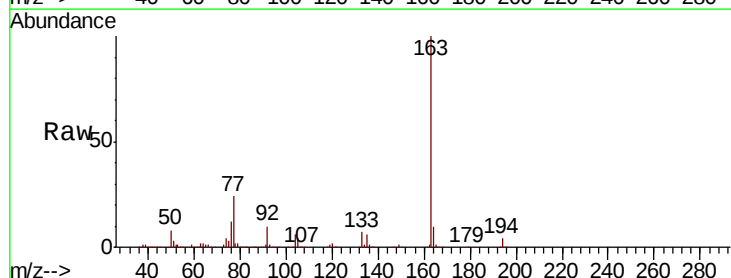
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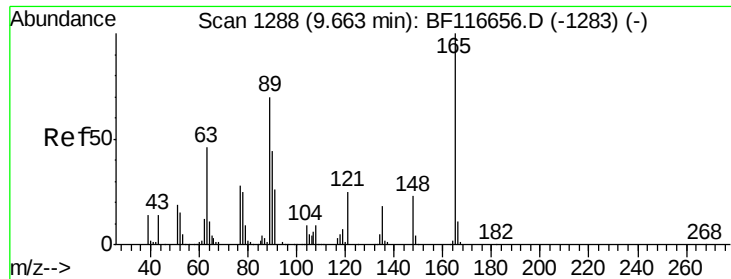
mohammad
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#50
Dimethylphthalate
Concen: 49.772 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF116719.D
Acq: 1 Sep 2019 2:19

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.8	4.2
164	10.0	8.6	12.8





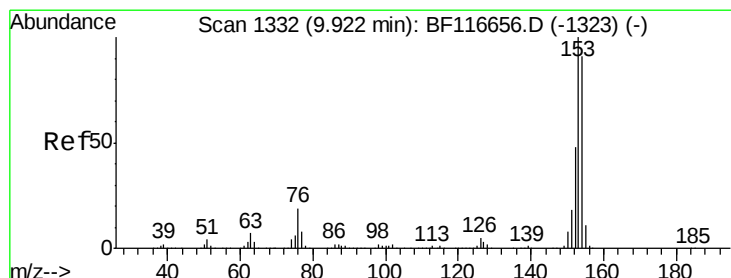
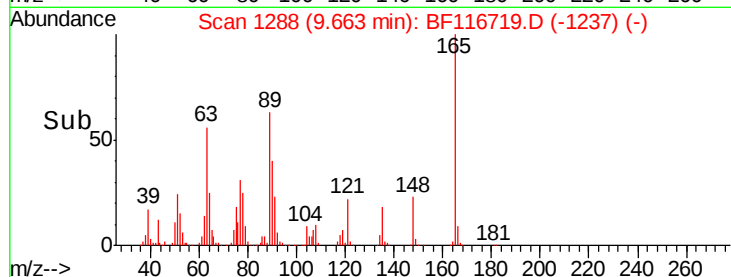
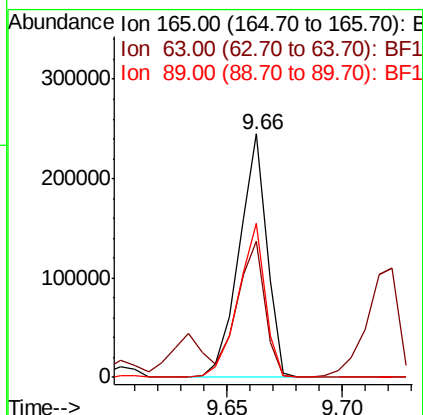
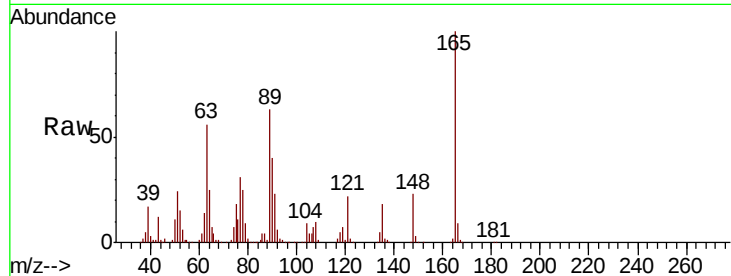
#51
 2,6-Dinitrotoluene
 Concen: 58.910 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: BF116719.D
 Acq: 1 Sep 2019 2:19

Instrument :
 BNA_F
 ClientSampleId :
 T2-S-A1-A4MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		206014		
63	56.0	47.3	70.9		
89	63.1	52.5	78.7		

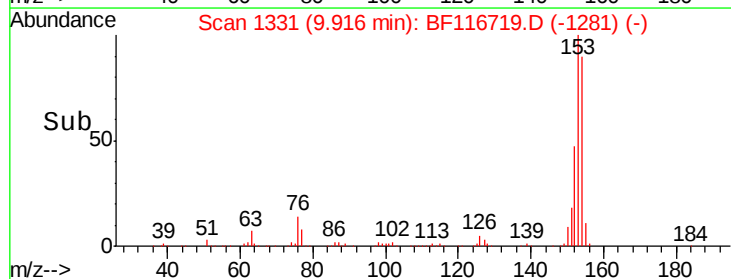
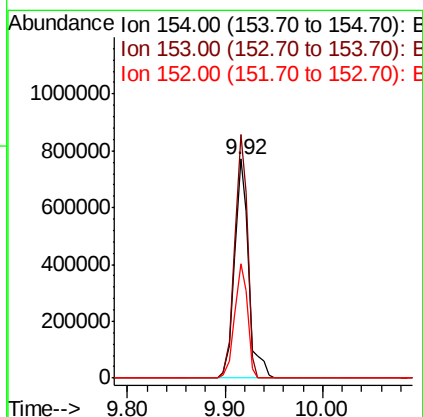
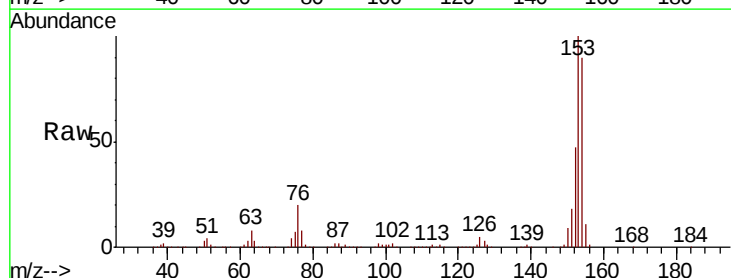
Manual Integrations
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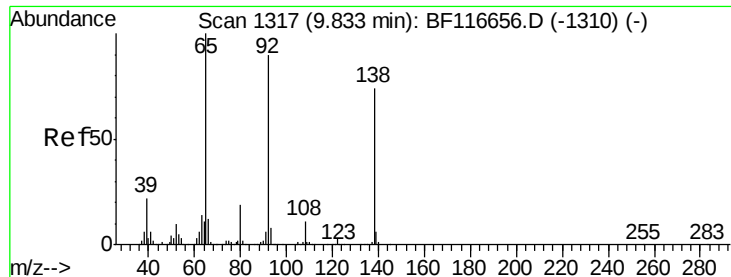
mohammad
 9/5/2019 9:23:45 AM



#52
 Acenaphthene
 Concen: 51.710 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF116719.D
 Acq: 1 Sep 2019 2:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100		766345		
153	111.1	89.5	134.3		
152	52.5	41.9	62.9		





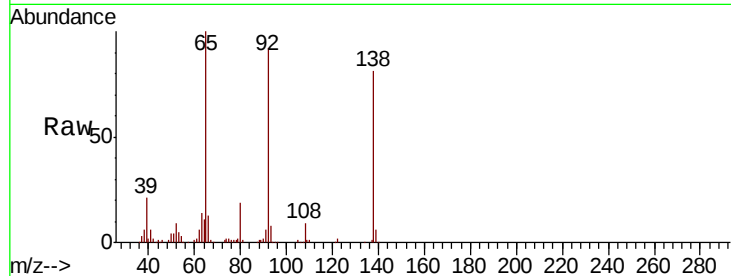
#53
3-Nitroaniline
Concen: 24.823 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF116719.D
Acq: 1 Sep 2019 2:19

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	108789		
108	11.5		8.5	12.7
92	113.9		87.2	130.8

Manual Integrations
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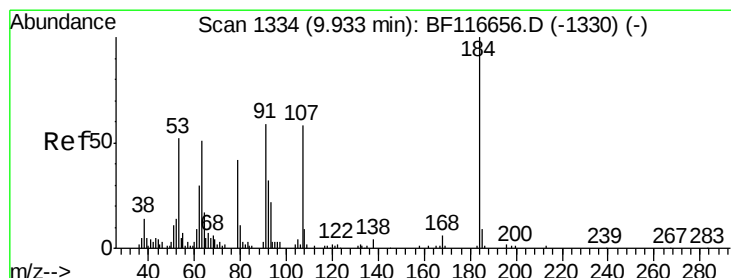
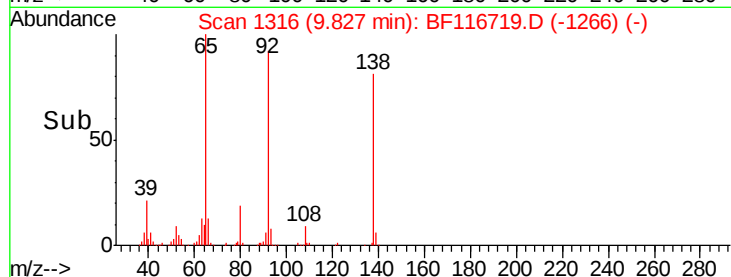
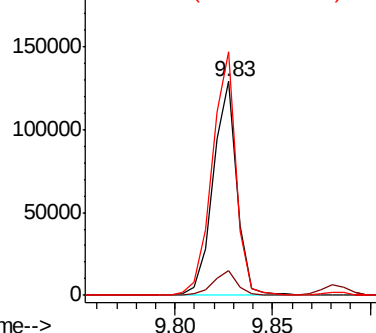


Abundance

Ion 138.00 (137.70 to 138.70): E

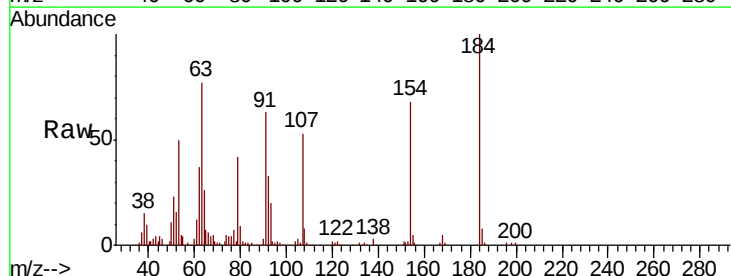
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 83.406 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF116719.D
Acq: 1 Sep 2019 2:19

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	104035		
63	77.2		52.2	78.2
154	67.6		60.8	91.2

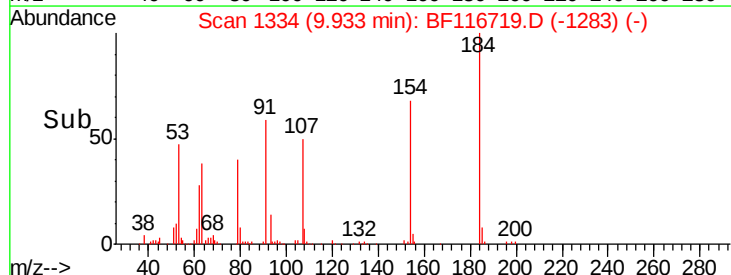
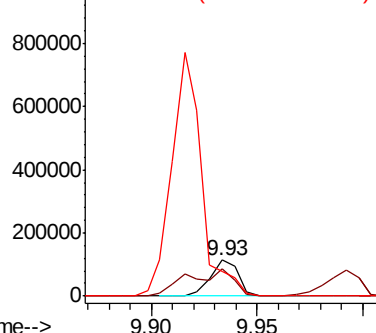


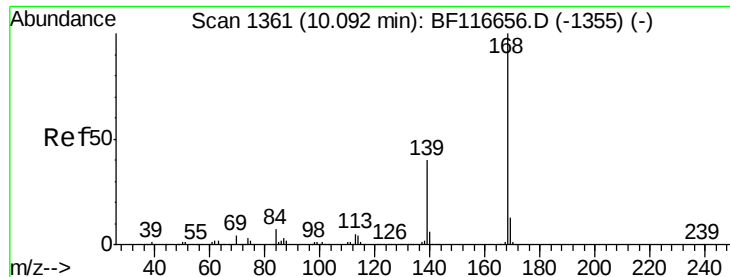
Abundance

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: 51.258 ng

RT: 10.09 min Scan# 1361

Delta R.T. 0.00 min

Lab File: BF116719.D

Acq: 1 Sep 2019 2:19

Instrument :

BNA_F

ClientSampleId :

T2-S-A1-A4MS

Tot Ion:168 Resp: 1070891

Ion Ratio Lower Upper

168 100

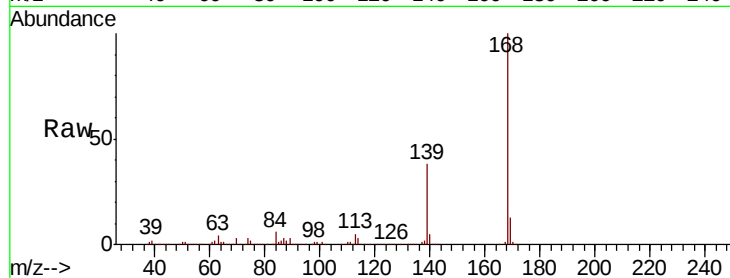
139 37.7 31.5 47.3

169 13.2 10.3 15.5

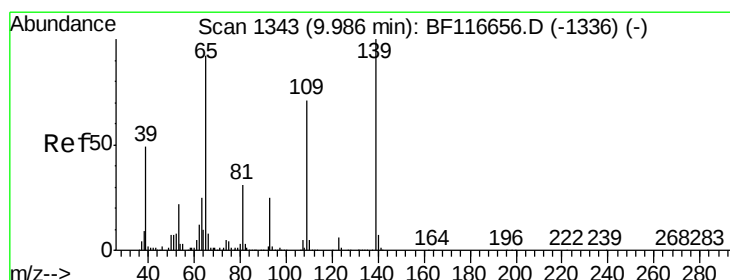
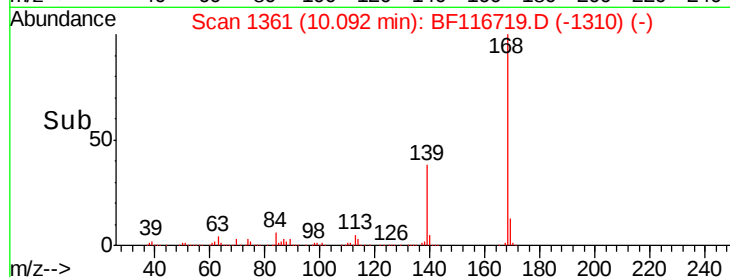
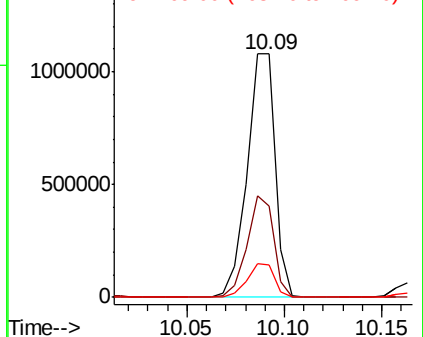
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Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 114.593 ng

RT: 9.99 min Scan# 1344

Delta R.T. 0.01 min

Lab File: BF116719.D

Acq: 1 Sep 2019 2:19

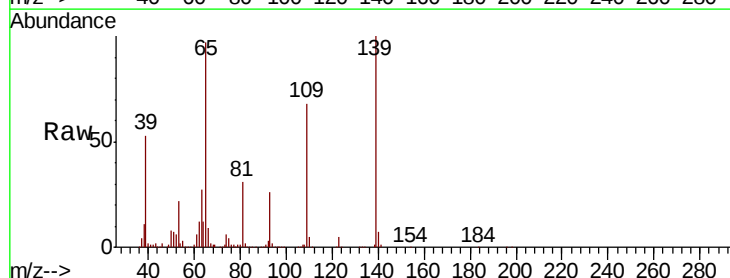
Tgt Ion:139 Resp: 344355

Ion Ratio Lower Upper

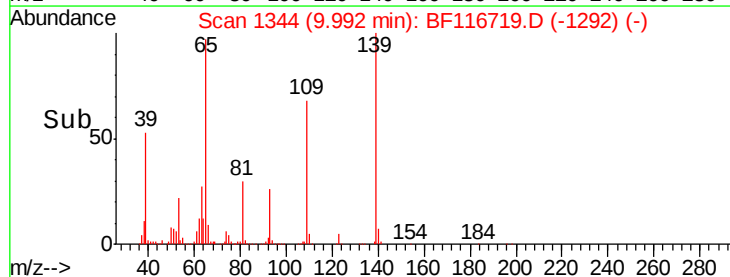
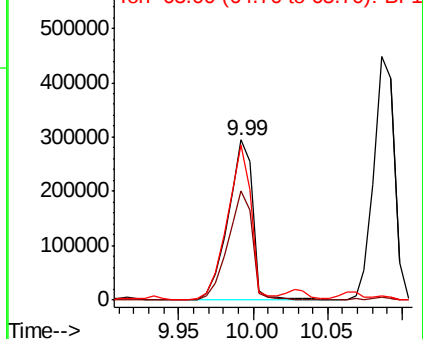
139 100

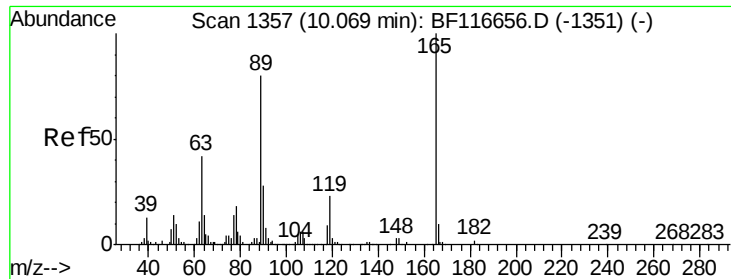
109 67.9 61.7 101.7

65 97.0 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





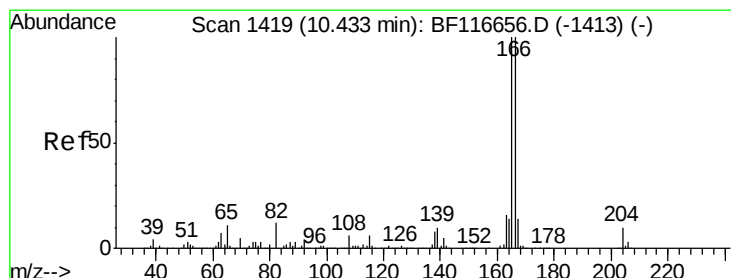
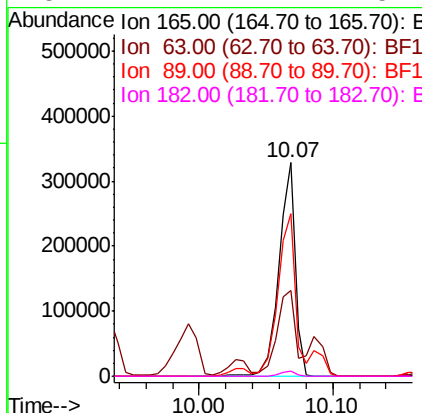
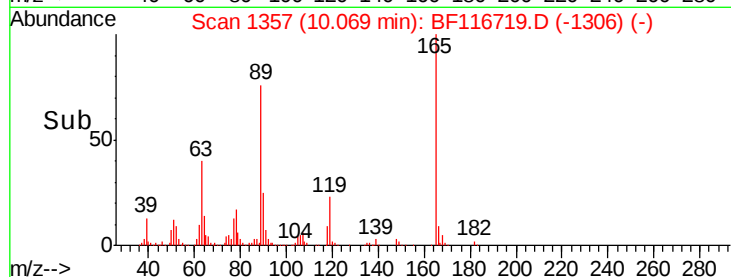
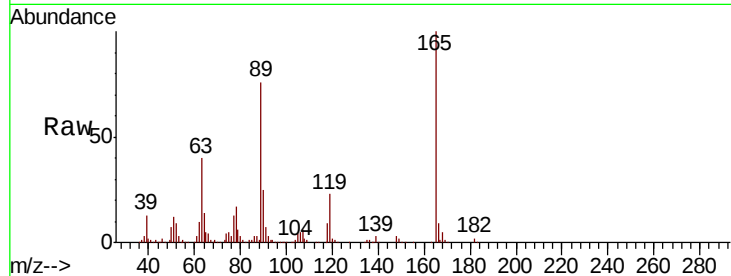
#57
 2,4-Dinitrotoluene
 Concen: 66.515 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: BF116719.D
 Acq: 1 Sep 2019 2:19

Instrument :
 BNA_F
 ClientSampleId :
 T2-S-A1-A4MS

Tot Ion:	165	Resp:	284426
Ion Ratio	Lower	Upper	
165	100		
63	40.2	36.4	54.6
89	75.9	62.6	94.0
182	2.4	2.1	3.1

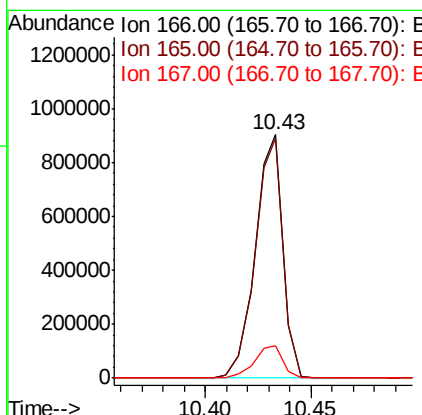
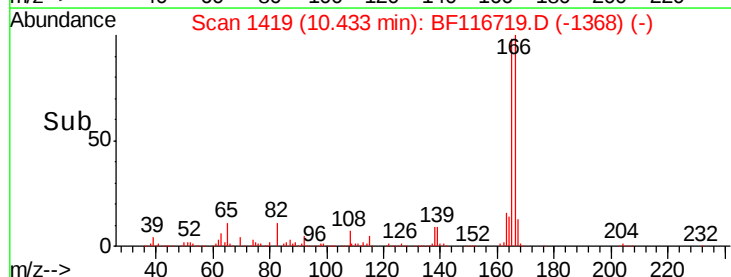
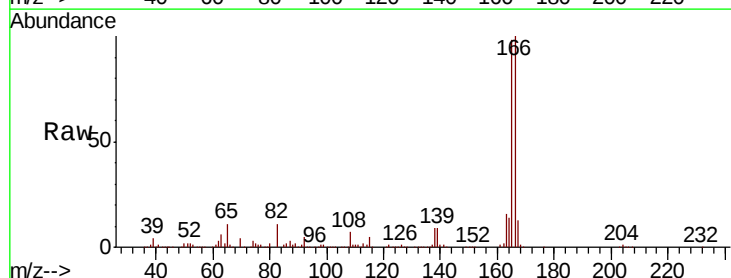
Manual Integrations
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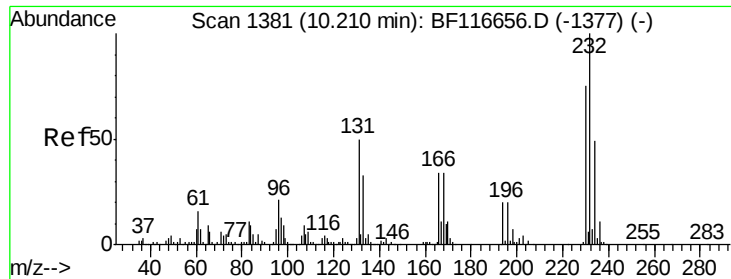
mohammad
 9/5/2019 9:23:45 AM



#58
 Fluorene
 Concen: 51.546 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. 0.00 min
 Lab File: BF116719.D
 Acq: 1 Sep 2019 2:19

Tgt Ion:	166	Resp:	820557
Ion Ratio	Lower	Upper	
166	100		
165	98.3	78.8	118.2
167	13.2	10.0	15.0





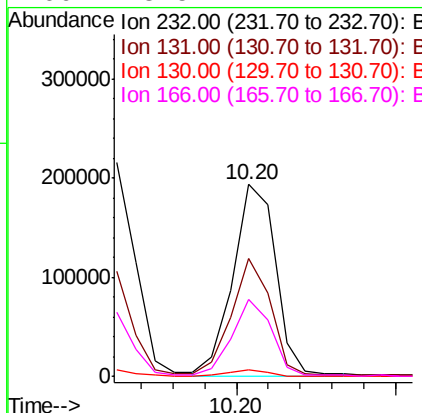
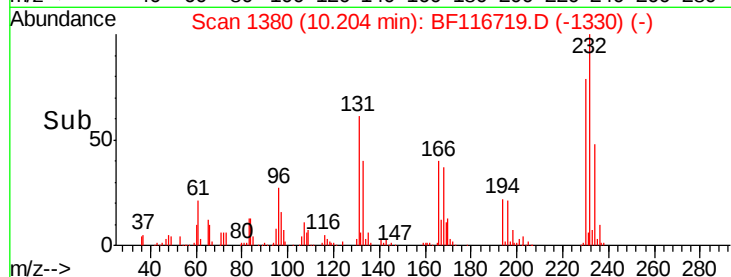
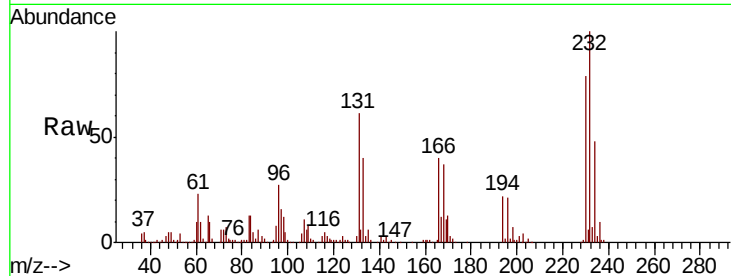
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 55.825 ng/ml
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF116719.D
 Acq: 1 Sep 2019 2:19

Instrument :
 BNA_F
 ClientSampleId :
 T2-S-A1-A4MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	182480		
131	48.7	42.7	64.1	
130	2.8	1.9	2.9	
166	28.5	27.4	41.2	

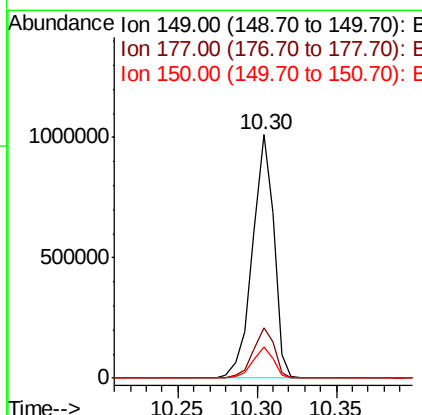
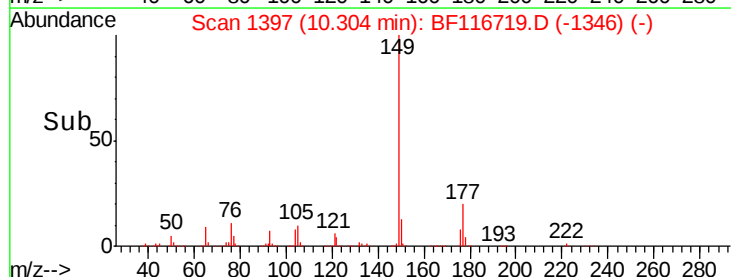
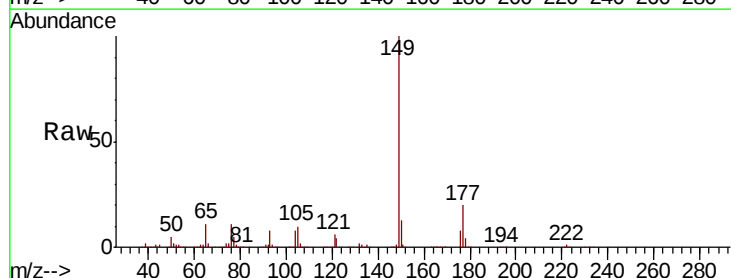
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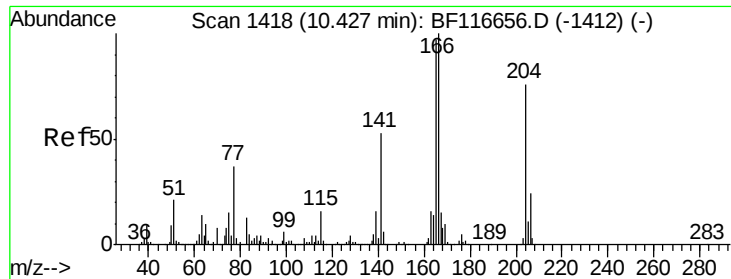
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#60
 Diethylphthalate
 Concen: 51.469 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: BF116719.D
 Acq: 1 Sep 2019 2:19

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	944998		
177	20.5	17.2	25.8	
150	12.6	9.7	14.5	





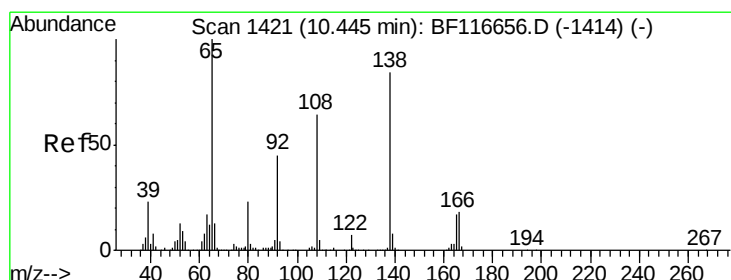
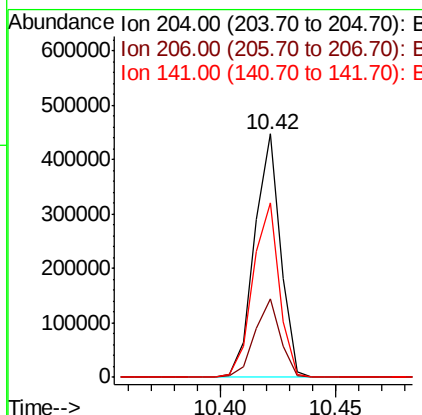
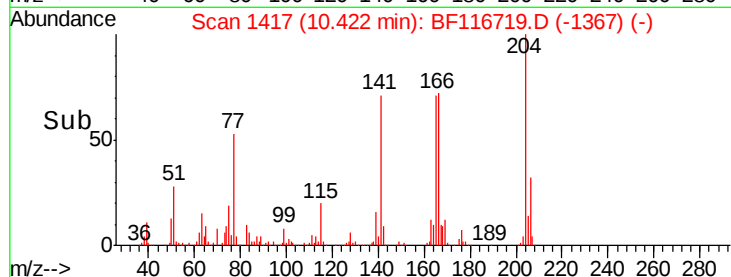
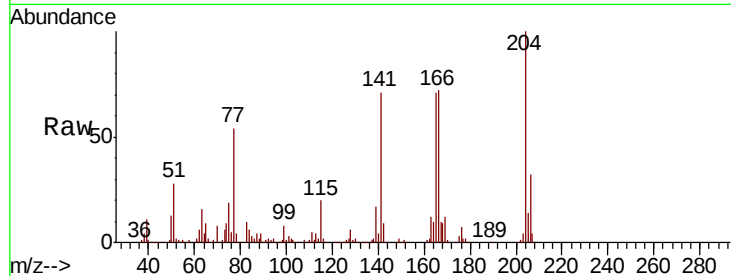
#61
4-Chlorophenyl-phenylether
Concen: 50.838 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF116719.D
Acq: 1 Sep 2019 2:19

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	354382		
206	32.5	25.4	38.2	
141	71.5	53.8	80.8	

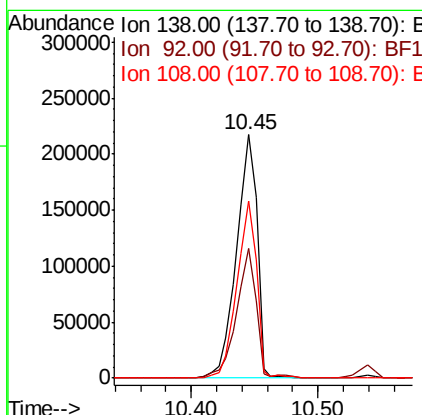
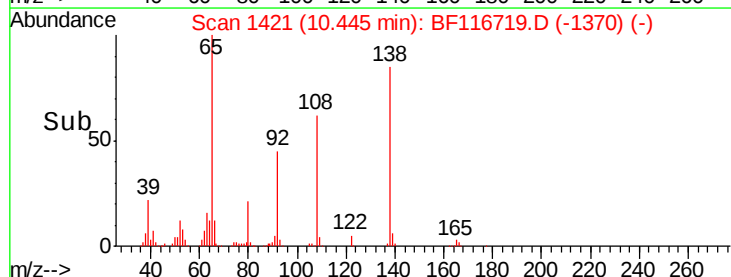
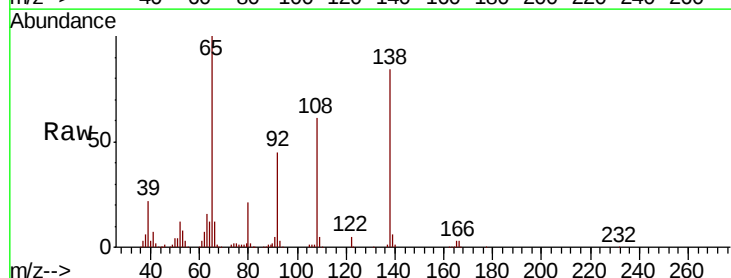
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#62
4-Nitroaniline
Concen: 57.122 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF116719.D
Acq: 1 Sep 2019 2:19

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	242950		
92	53.3	28.7	68.7	
108	72.9	60.4	100.4	





#63

Azobenzene

Concen: 51.968 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF116719.D

Acq: 1 Sep 2019 2:19

Instrument :

BNA_F

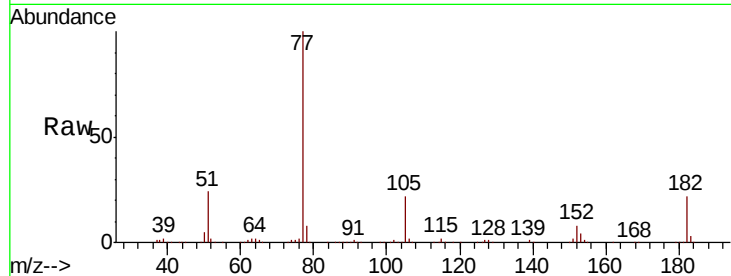
ClientSampleId :

T2-S-A1-A4MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	21.7	1.2	41.2		
105	22.4	0.6	40.6		
51	23.6	8.2	48.2		

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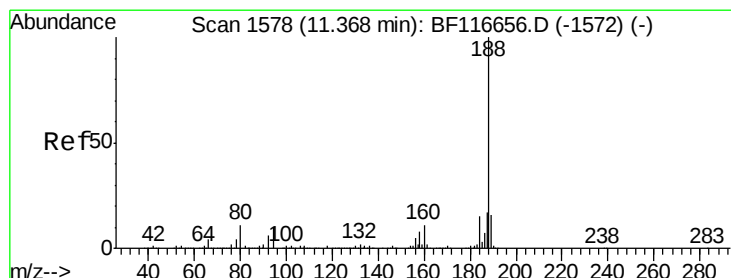
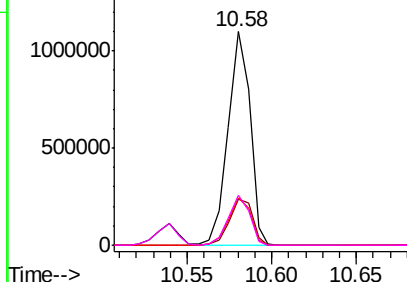
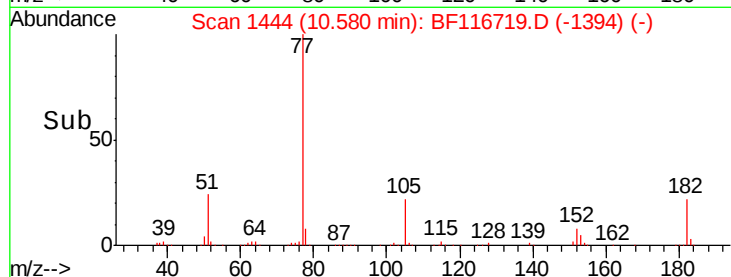


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

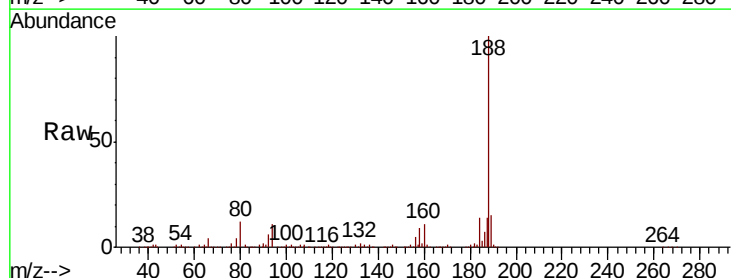
RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF116719.D

Acq: 1 Sep 2019 2:19

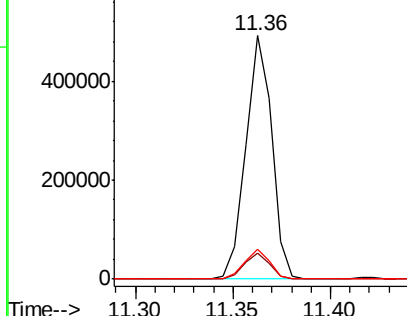
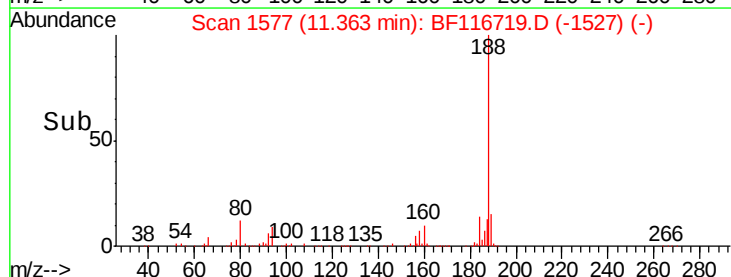
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	10.9	7.3	10.9#		
80	12.3	8.4	12.6		



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 50.371 ng

RT: 10.47 min Scan# 1426

Delta R.T. 0.00 min

Lab File: BF116719.D

Acq: 1 Sep 2019 2:19

Instrument :

BNA_F

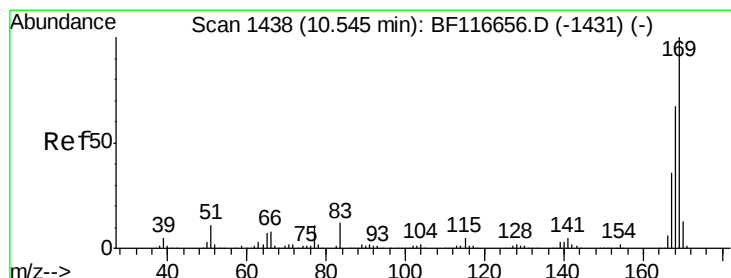
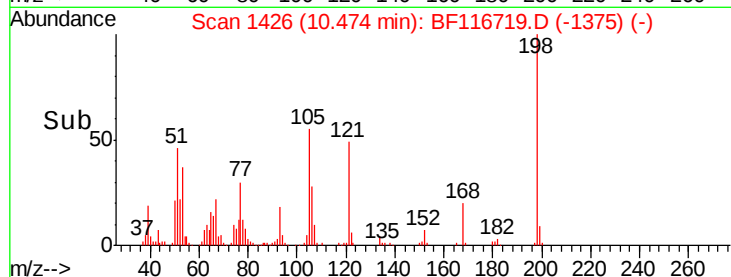
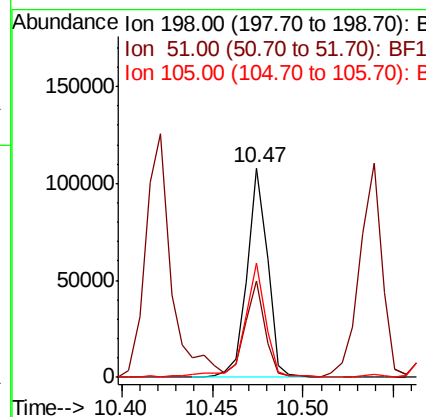
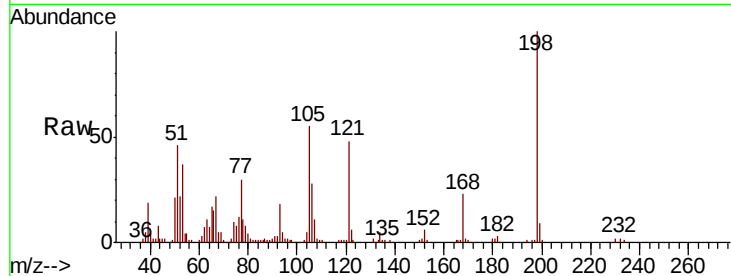
ClientSampleId :

T2-S-A1-A4MS

Tot Ion:	198	Resp:	84875
Ion Ratio	Lower	Upper	
198	100		
51	46.3	18.4	58.4
105	54.9	22.9	62.9

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#66

n-Nitrosodiphenylamine

Concen: 50.012 ng

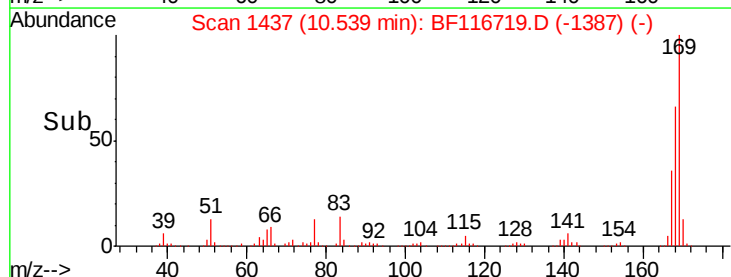
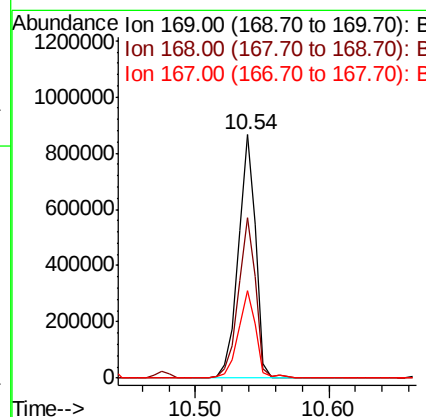
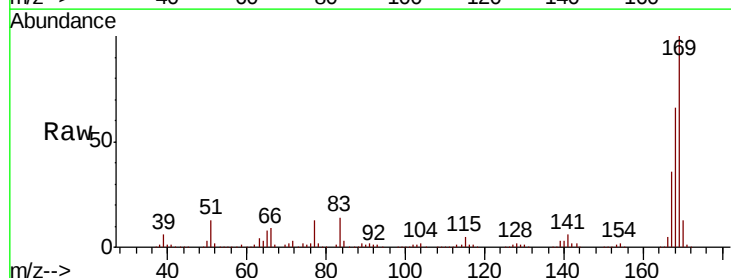
RT: 10.54 min Scan# 1437

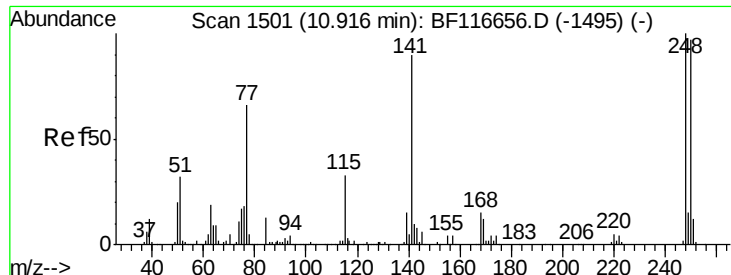
Delta R.T. -0.01 min

Lab File: BF116719.D

Acq: 1 Sep 2019 2:19

Tgt Ion:	169	Resp:	784750
Ion Ratio	Lower	Upper	
169	100		
168	65.7	55.8	83.6
167	36.1	29.4	44.2





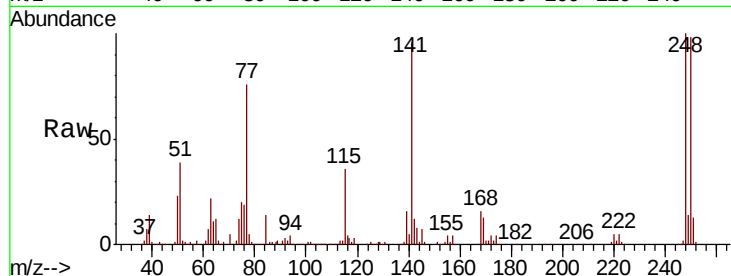
#67
 4-Bromophenyl-phenylether
 Concen: 48.543 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BF116719.D
 Acq: 1 Sep 2019 2:19

Instrument :
 BNA_F
 ClientSampleId :
 T2-S-A1-A4MS

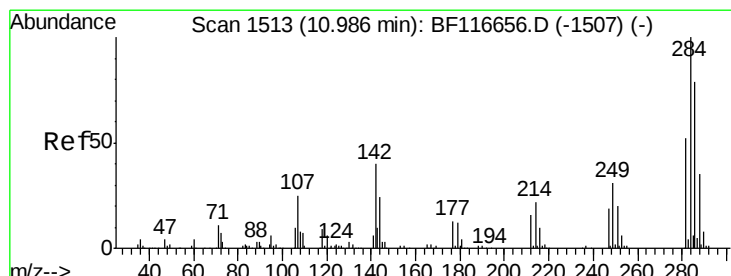
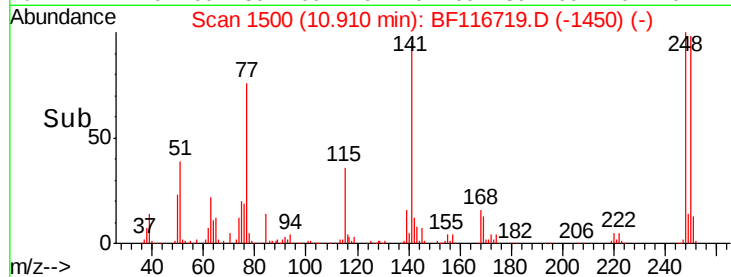
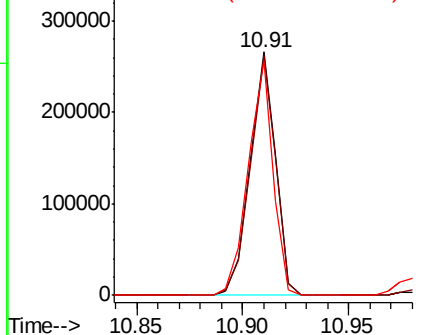
Tot Ion:	248	Resp:	223680
Ion Ratio	Lower	Upper	
248	100		
250	98.4	77.8	116.8
141	96.4	75.9	113.9

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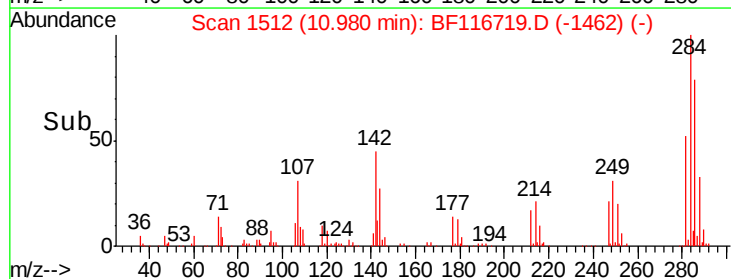
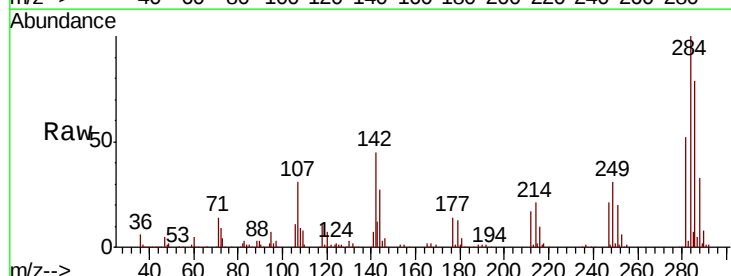
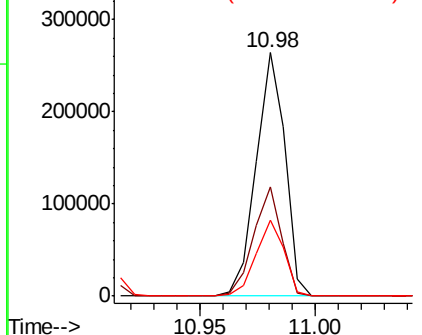
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

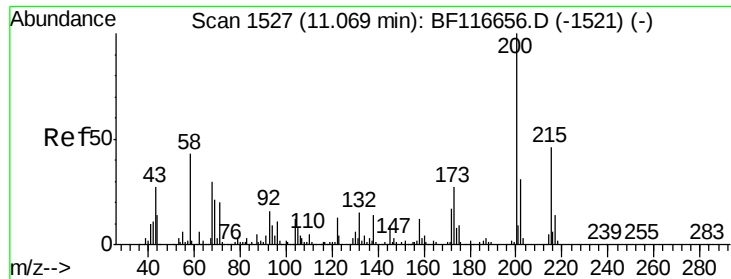


#68
 Hexachlorobenzene
 Concen: 47.927 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. -0.01 min
 Lab File: BF116719.D
 Acq: 1 Sep 2019 2:19

Tgt Ion:	284	Resp:	231061
Ion Ratio	Lower	Upper	
284	100		
142	44.7	34.0	51.0
249	31.4	26.4	39.6

Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





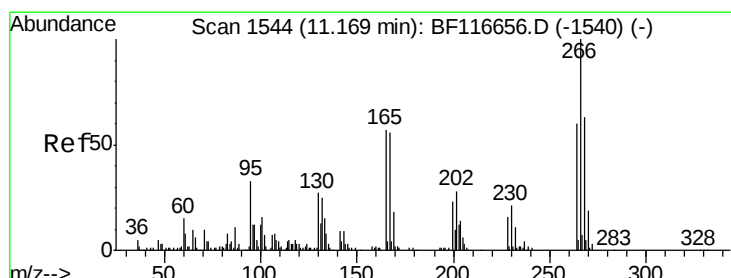
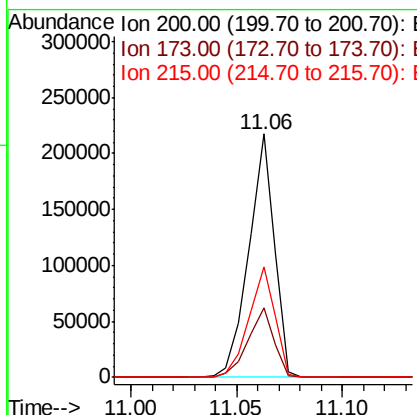
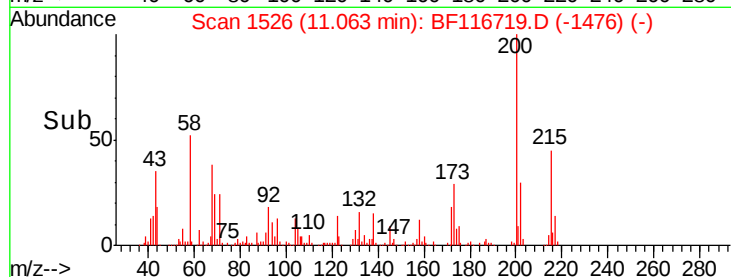
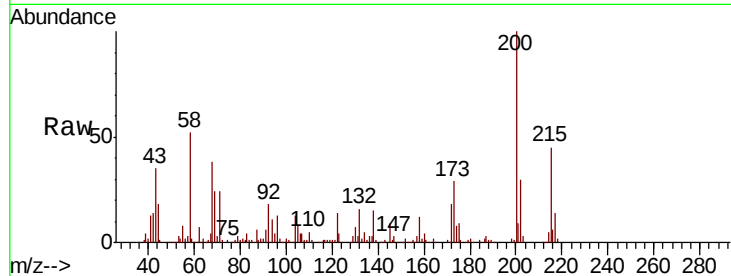
#69
Atrazine
Concen: 41.857 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF116719.D
Acq: 1 Sep 2019 2:19

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	183949		
173	28.6	6.2	46.2	
215	45.4	24.3	64.3	

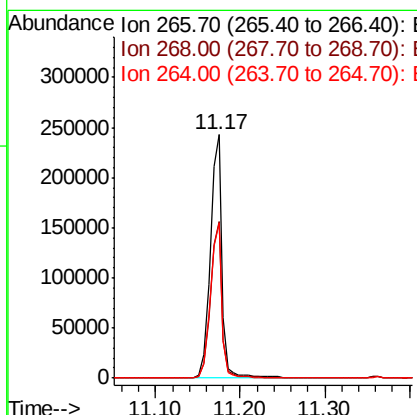
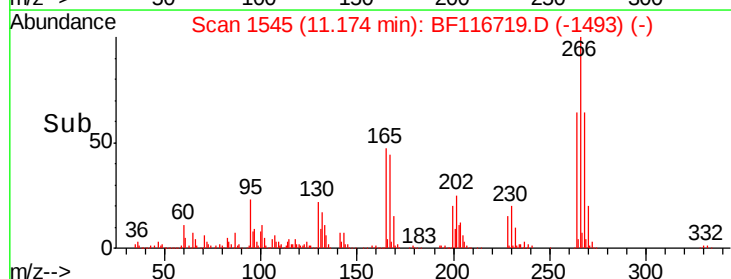
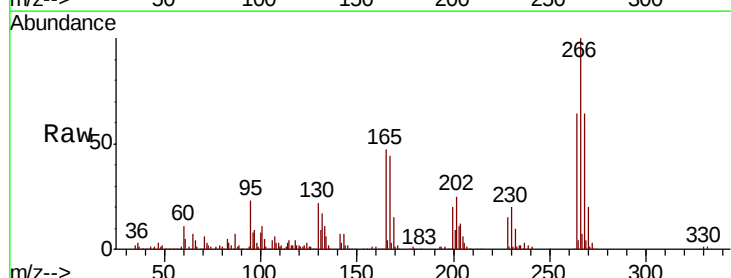
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#70
Pentachlorophenol
Concen: 101.935 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF116719.D
Acq: 1 Sep 2019 2:19

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	237731		
268	64.1	51.2	76.8	
264	63.7	51.9	77.9	





#71

Phenanthrene

Concen: 49.083 ng

RT: 11.39 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BF116719.D

Acq: 1 Sep 2019 2:19

Instrument :

BNA_F

ClientSampleId :

T2-S-A1-A4MS

Tot Ion:178 Resp: 1239329

Ion Ratio Lower Upper

178 100

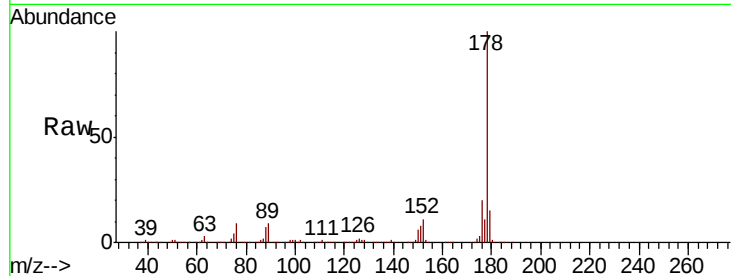
176 19.8 15.4 23.0

179 15.5 12.2 18.2

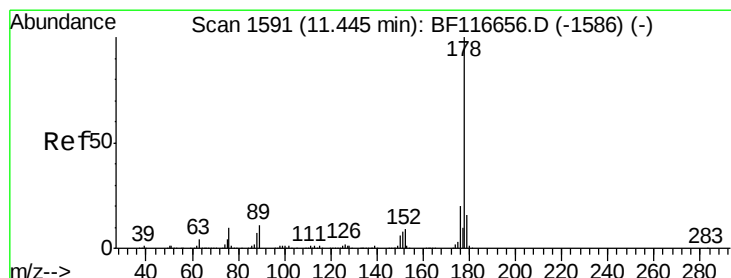
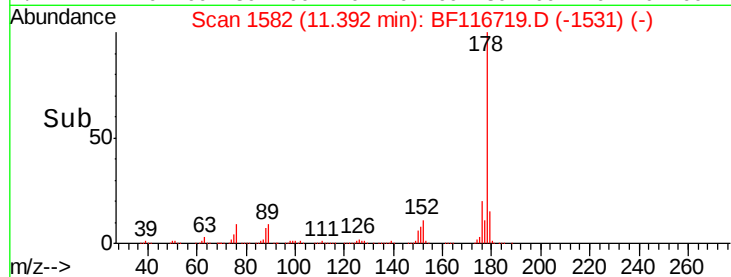
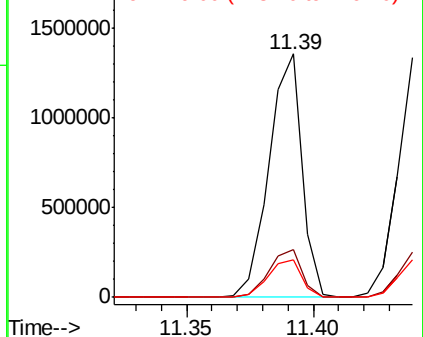
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 50.540 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.00 min

Lab File: BF116719.D

Acq: 1 Sep 2019 2:19

Tgt Ion:178 Resp: 1284604

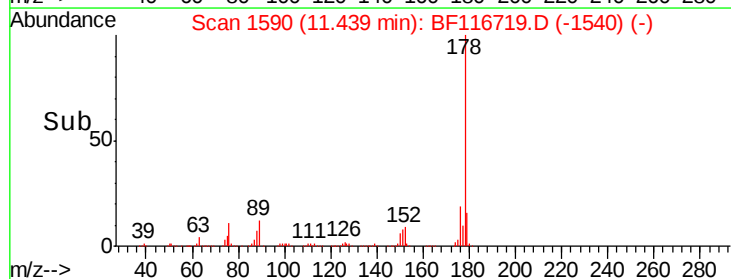
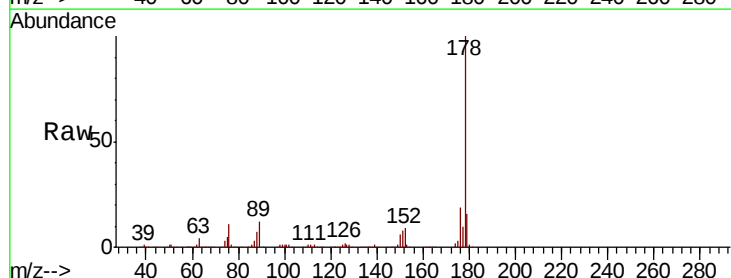
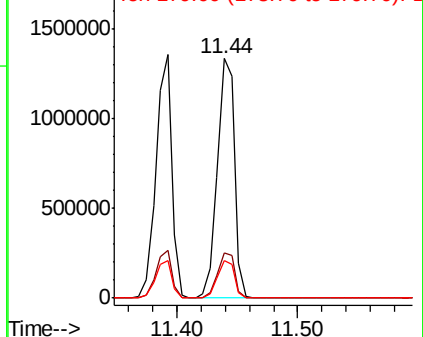
Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

179 15.8 12.5 18.7

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





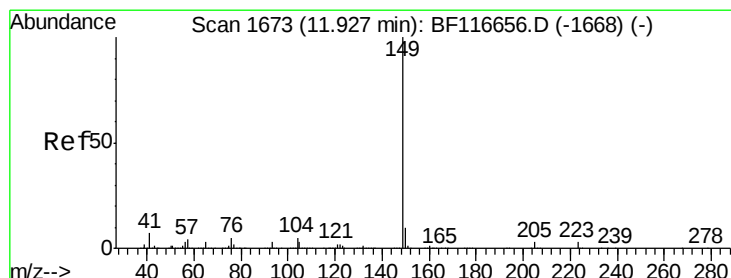
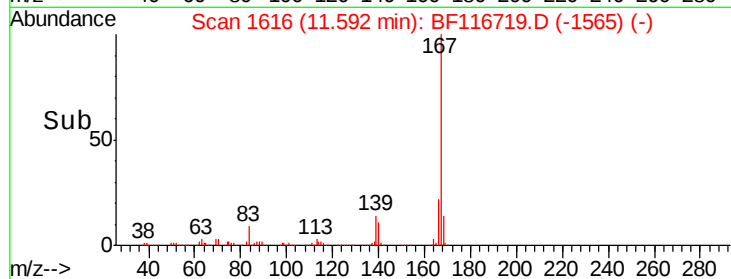
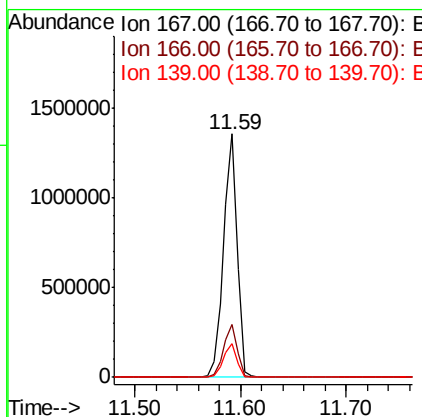
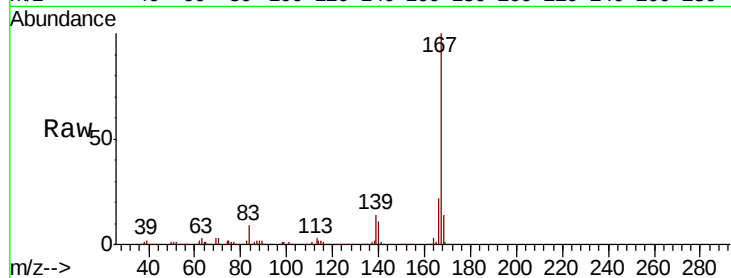
#73
 Carbazole
 Concen: 50.943 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. 0.00 min
 Lab File: BF116719.D
 Acq: 1 Sep 2019 2:19

Instrument :
 BNA_F
 ClientSampleId :
 T2-S-A1-A4MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.8	26.6
139	13.6	11.1	16.7

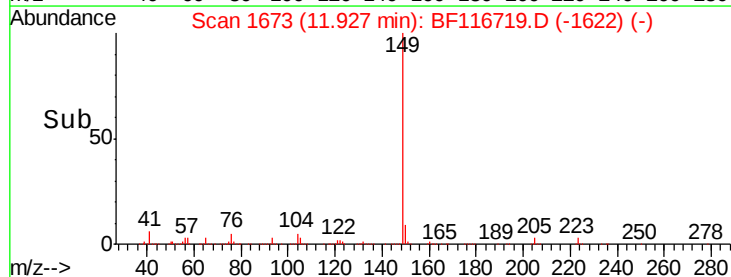
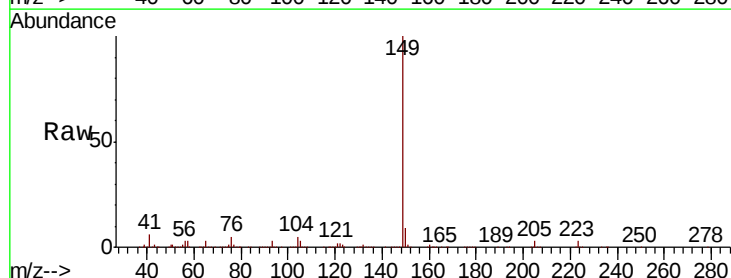
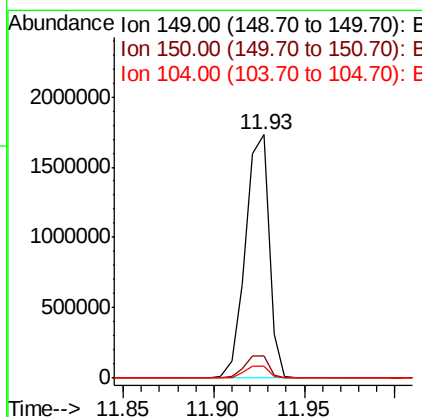
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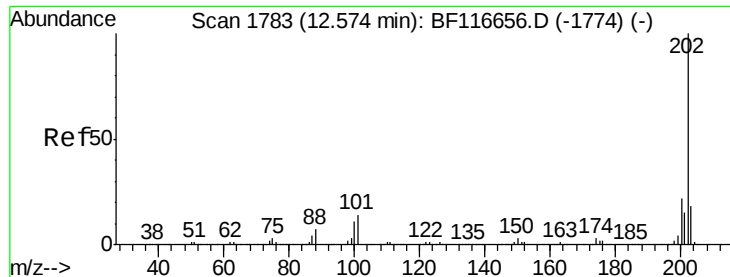
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#74
 Di-n-butylphthalate
 Concen: 50.556 ng
 RT: 11.93 min Scan# 1673
 Delta R.T. 0.00 min
 Lab File: BF116719.D
 Acq: 1 Sep 2019 2:19

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.2	10.8
104	4.9	4.2	6.2





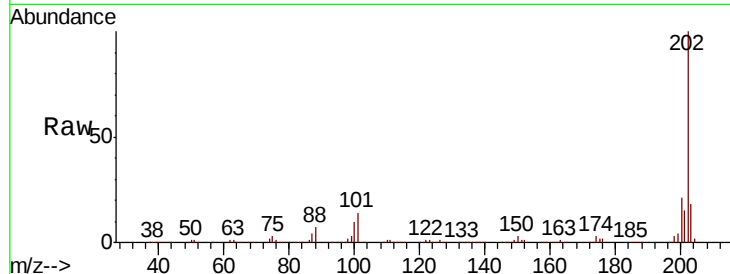
#75
Fluoranthene
 Concen: 50.722 ng
 RT: 12.57 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: BF116719.D
 Acq: 1 Sep 2019 2:19

Instrument :
 BNA_F
 ClientSampleId :
 T2-S-A1-A4MS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1258641		
101	13.5		0.0	31.3
203	17.7		0.0	37.6

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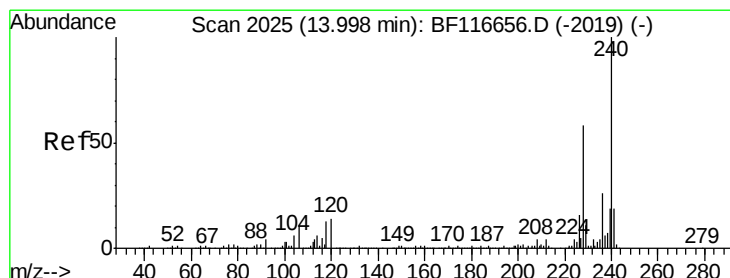
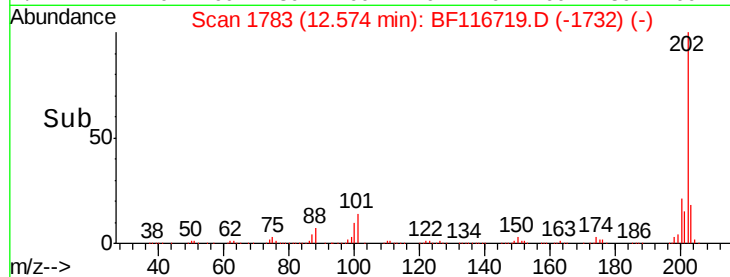
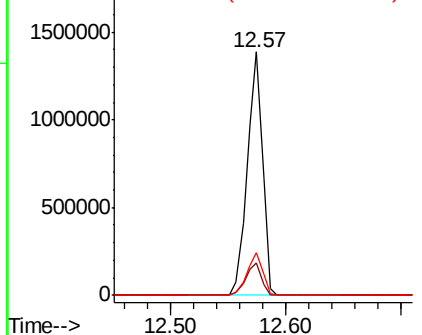


Abundance

Ion 202.00 (201.70 to 202.70): E

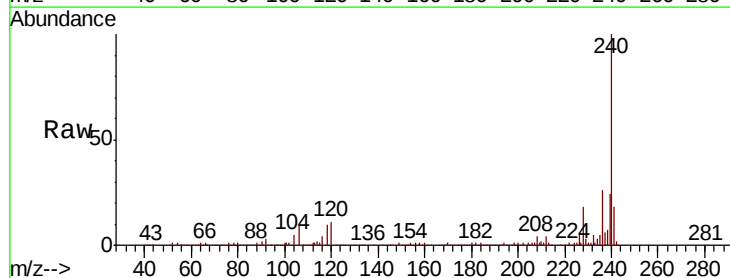
Ion 101.00 (100.70 to 101.70): E

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: BF116719.D
 Acq: 1 Sep 2019 2:19

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	283822		
120	11.3		9.1	13.7
236	25.9		21.1	31.7

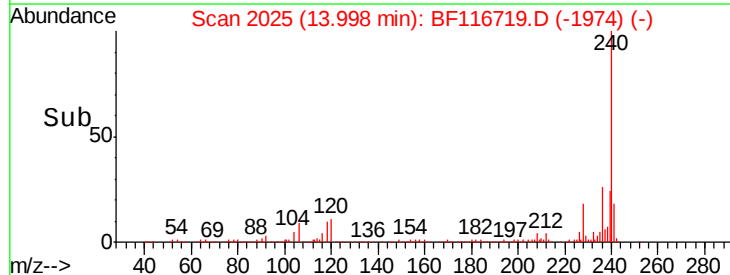
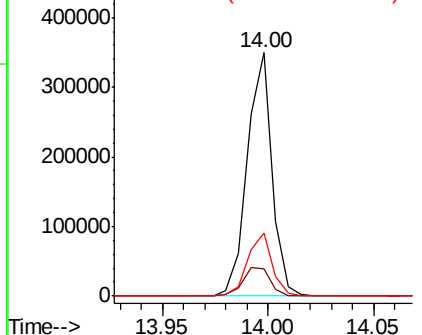


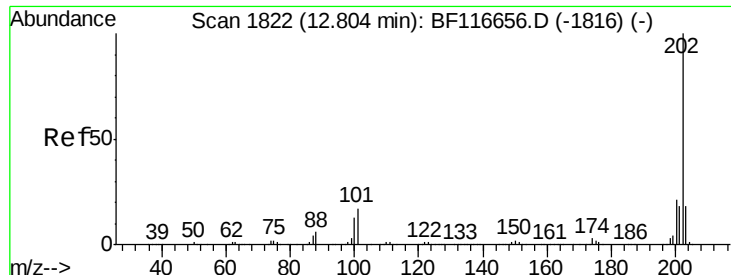
Abundance

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





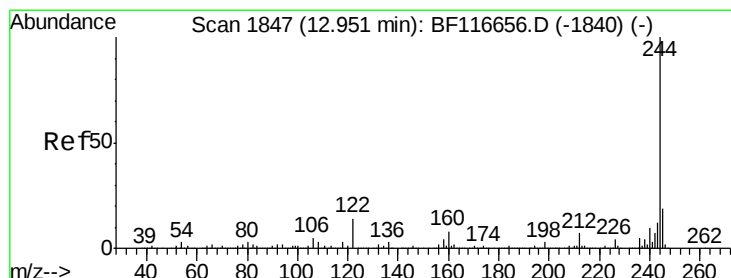
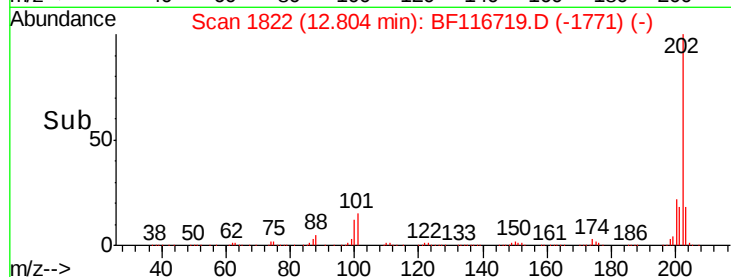
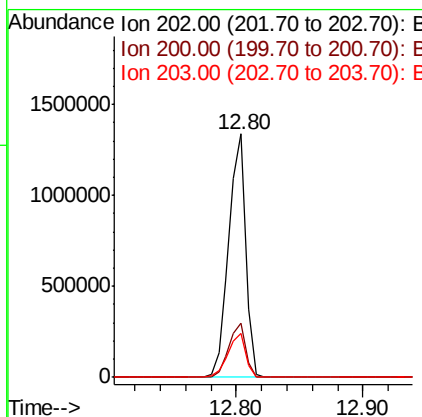
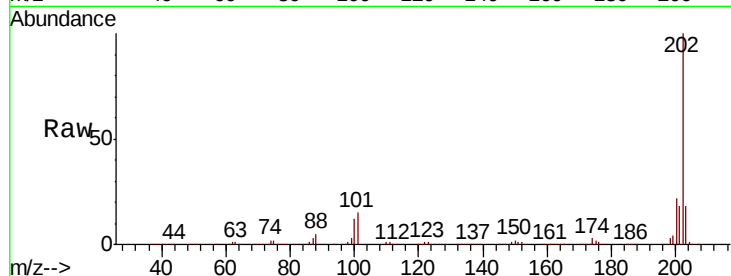
#78
Pvrene
Concen: 49.298 ng
RT: 12.80 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BF116719.D
Acq: 1 Sep 2019 2:19

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	16.5	24.7
203	17.9	13.7	20.5

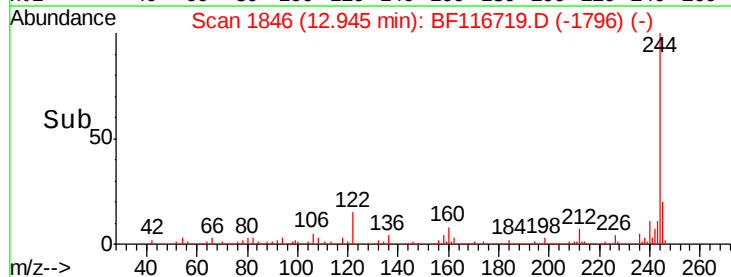
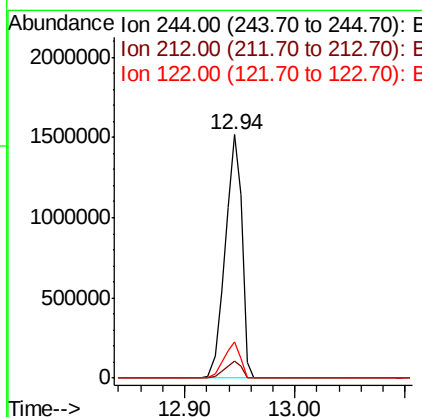
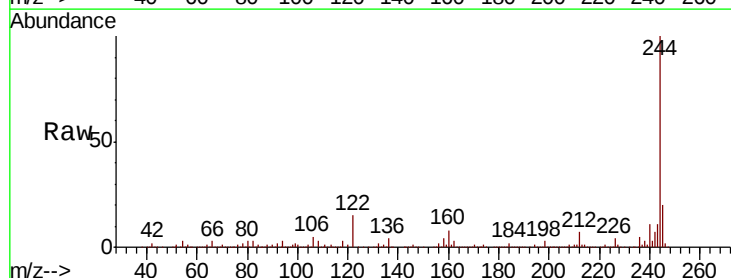
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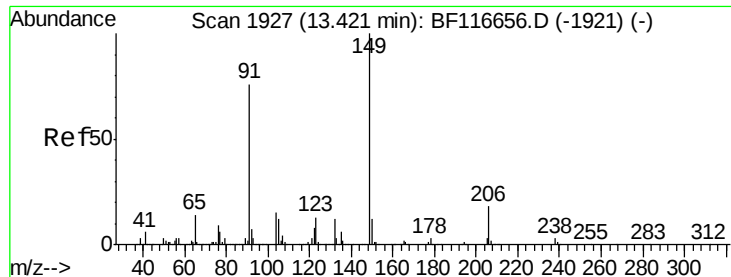
mohammad
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#79
Terphenyl-d14
Concen: 104.237 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116719.D
Acq: 1 Sep 2019 2:19

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	15.0	10.2	15.4





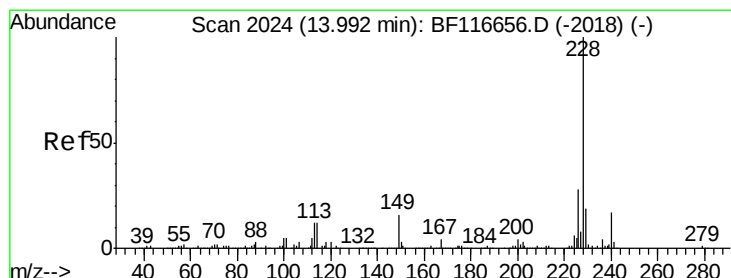
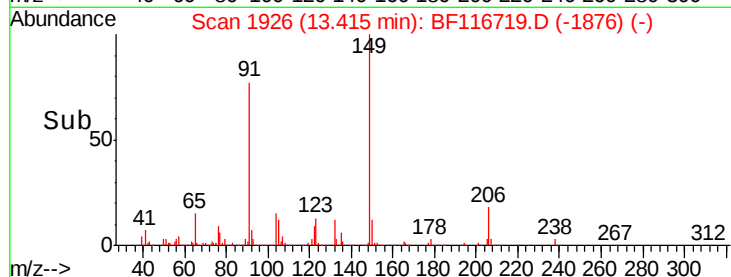
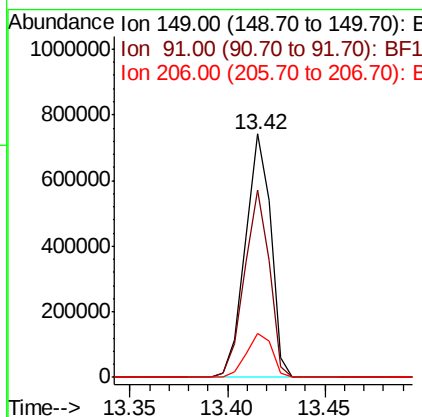
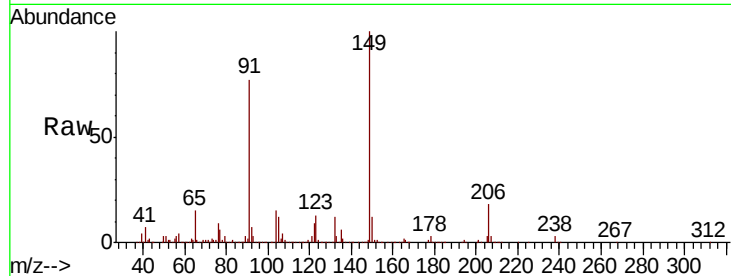
#80
Butylbenzylphthalate
Concen: 54.793 ng
RT: 13.42 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BF116719.D
Acq: 1 Sep 2019 2:19

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	76.7	61.0	91.4
206	18.0	14.8	22.2

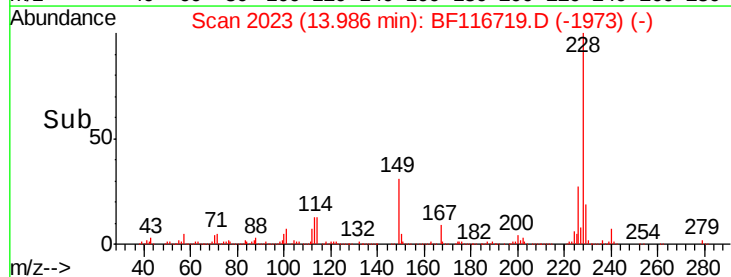
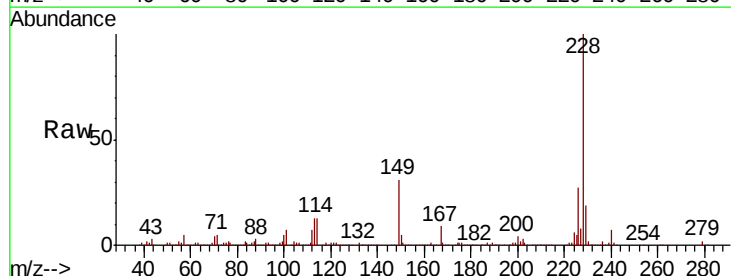
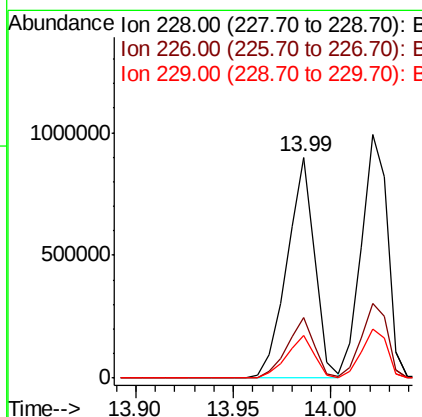
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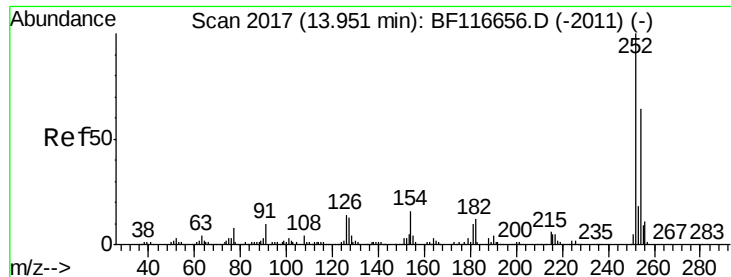
mohammad
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#81
Benzo(a)anthracene
Concen: 49.039 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF116719.D
Acq: 1 Sep 2019 2:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.5	22.0	33.0
229	19.2	16.4	24.6





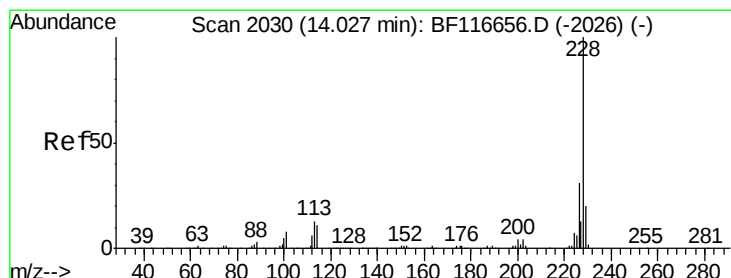
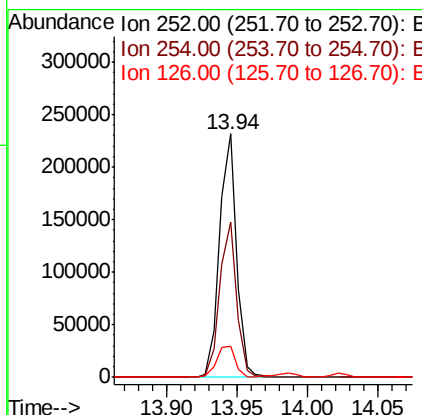
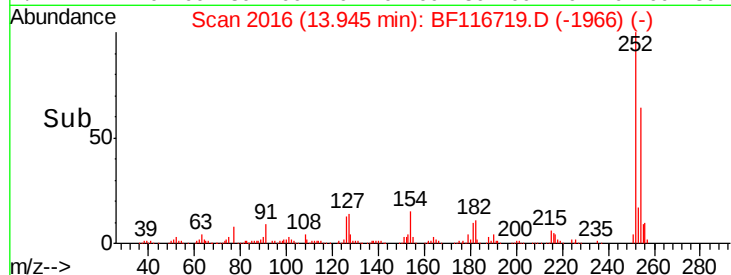
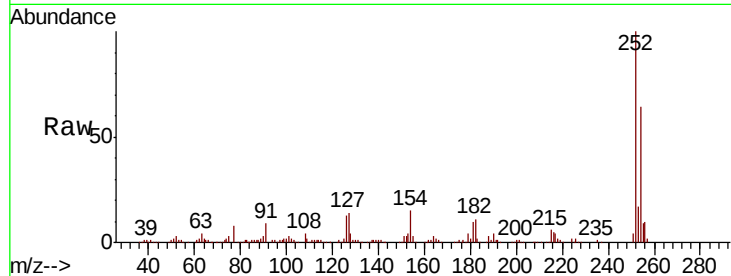
#82
 3,3'-Dichlorobenzidine
 Concen: 32.144 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.01 min
 Lab File: BF116719.D
 Acq: 1 Sep 2019 2:19

Instrument :
 BNA_F
 ClientSampleId :
 T2-S-A1-A4MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.0	50.1	75.1
126	12.8	10.6	16.0

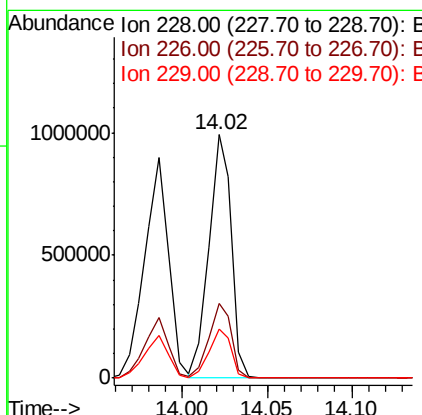
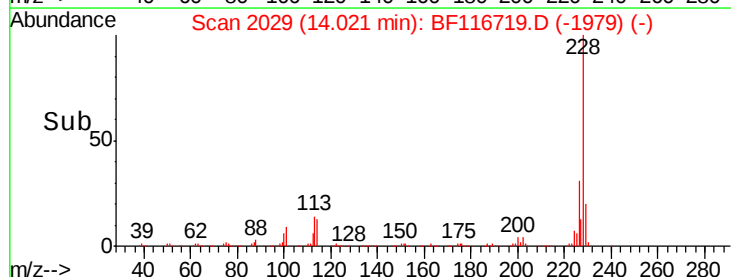
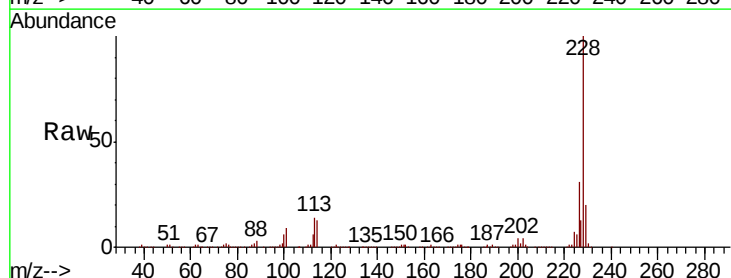
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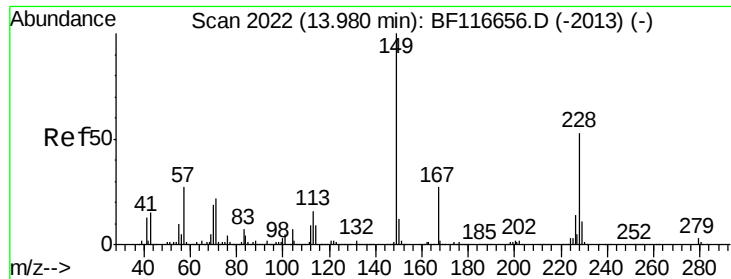
mohammad
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#83
 Chrysene
 Concen: 49.673 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF116719.D
 Acq: 1 Sep 2019 2:19

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.8	24.0	36.0
229	20.2	15.4	23.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 60.320 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BF116719.D

Acq: 1 Sep 2019 2:19

Instrument :

BNA_F

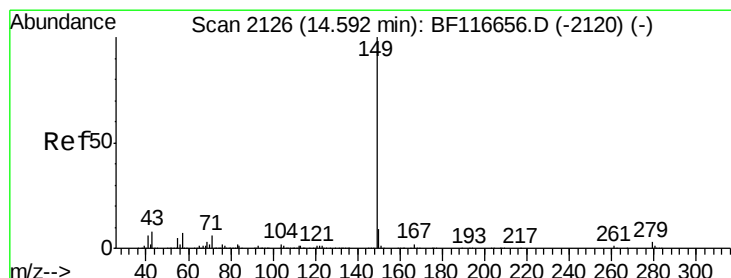
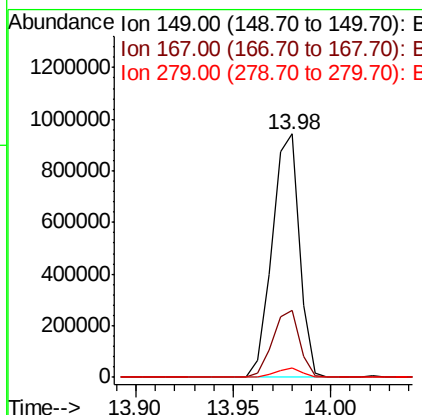
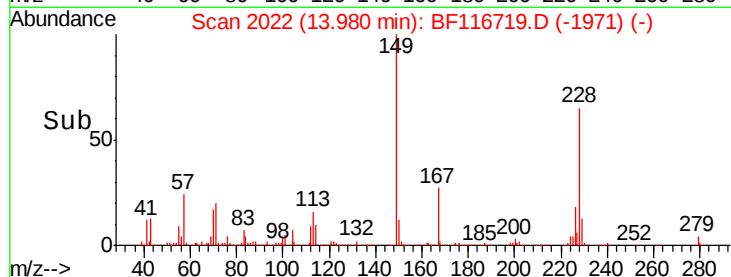
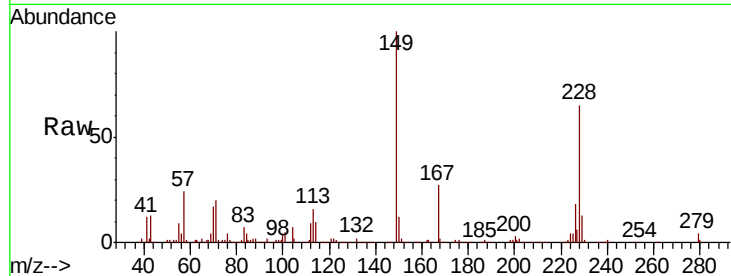
ClientSampleId :

T2-S-A1-A4MS

Tot Ion:	149	Resp:	913576
Ion Ratio	Lower	Upper	
149	100		
167	27.3	21.0	31.4
279	3.7	2.8	4.2

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#85

Di-n-octyl phthalate

Concen: 63.059 ng

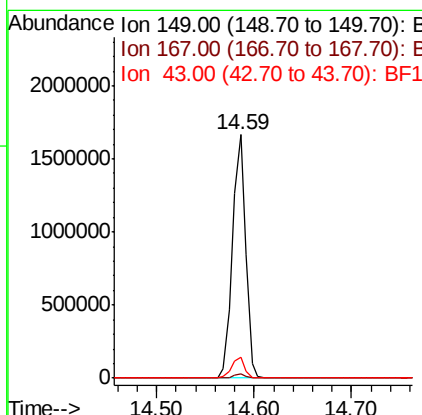
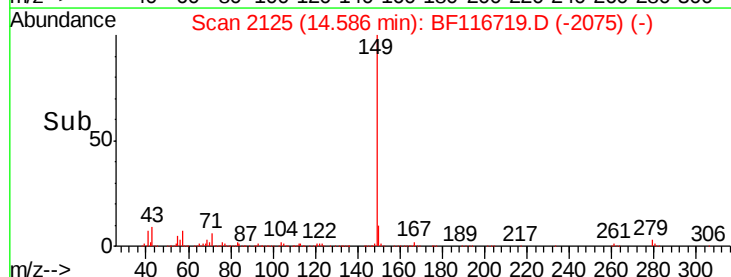
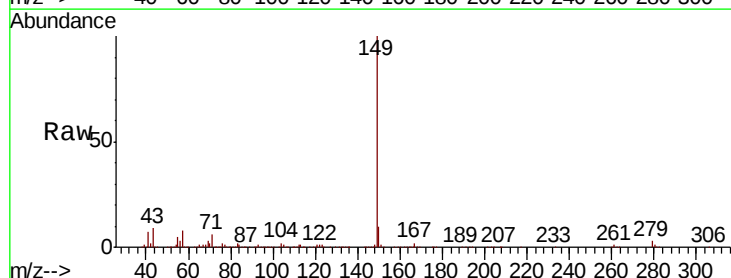
RT: 14.59 min Scan# 2125

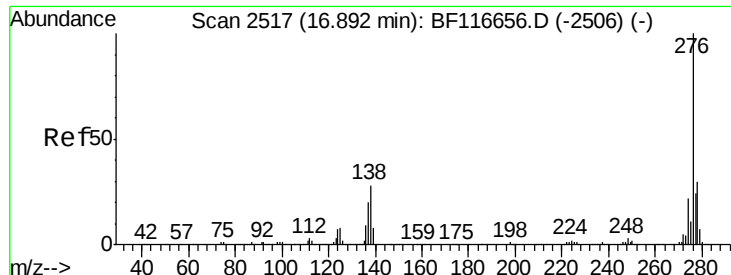
Delta R.T. -0.01 min

Lab File: BF116719.D

Acq: 1 Sep 2019 2:19

Tgt Ion:	149	Resp:	1562928
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	8.5	7.8	11.8





#86

Indeno(1,2,3-cd)pyrene

Concen: 56.057 ng

RT: 16.90 min Scan# 2518

Delta R.T. 0.01 min

Lab File: BF116719.D

Acq: 1 Sep 2019 2:19

Instrument :

BNA_F

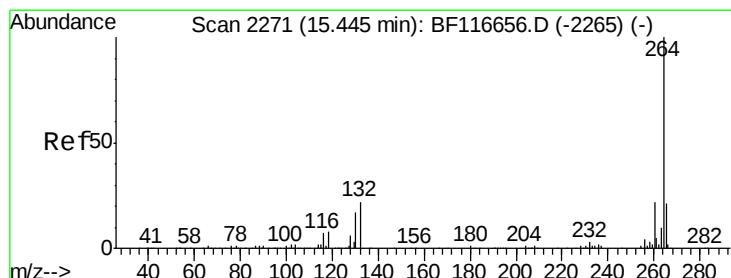
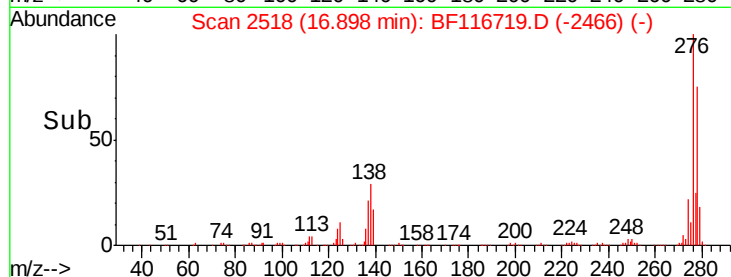
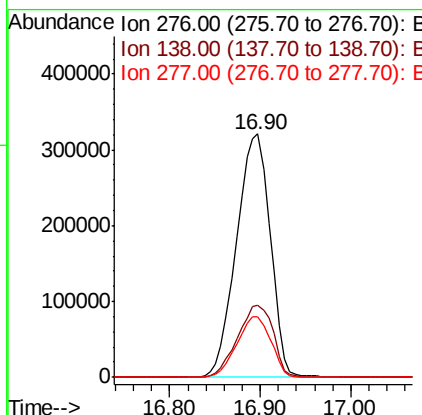
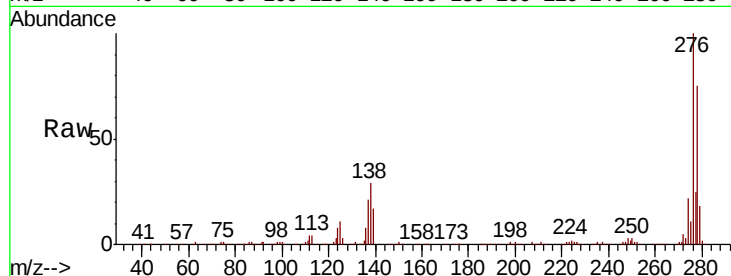
ClientSampleId :

T2-S-A1-A4MS

Tot Ion:	276	Resp:	833267
Ion Ratio	Lower	Upper	
276	100		
138	31.0	19.4	29.2#
277	25.2	20.5	30.7

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#87

Perylene-d12

Concen: 20.000 ng

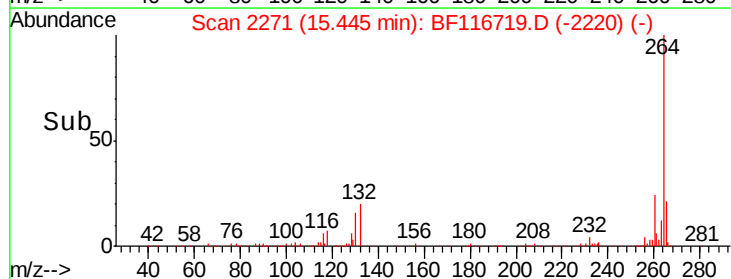
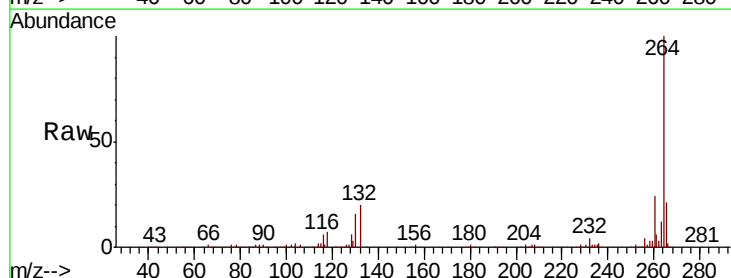
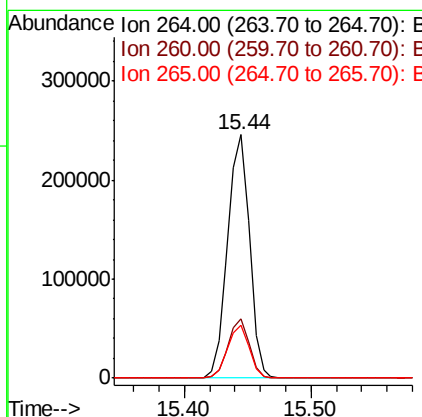
RT: 15.44 min Scan# 2271

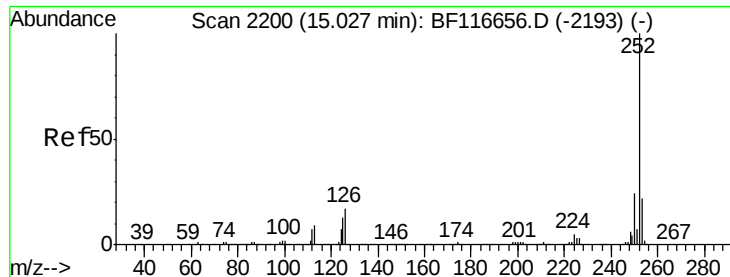
Delta R.T. 0.00 min

Lab File: BF116719.D

Acq: 1 Sep 2019 2:19

Tgt Ion:	264	Resp:	294556
Ion Ratio	Lower	Upper	
264	100		
260	24.4	18.3	27.5
265	21.5	16.5	24.7





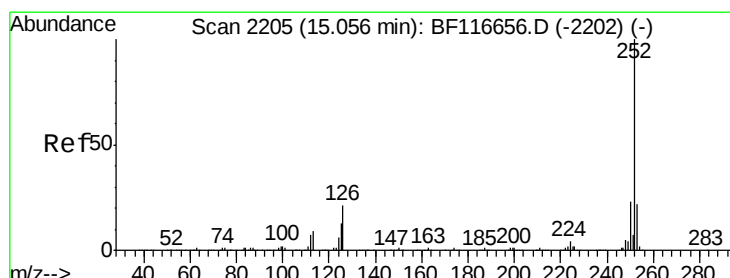
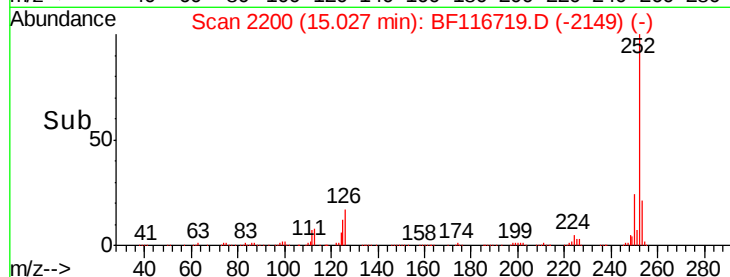
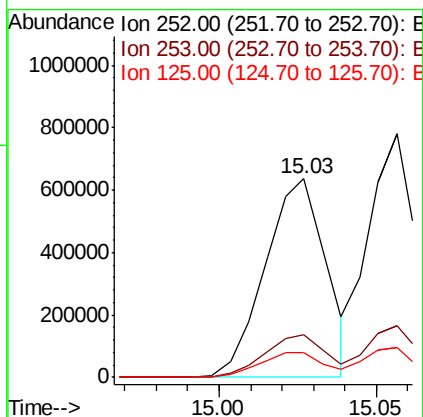
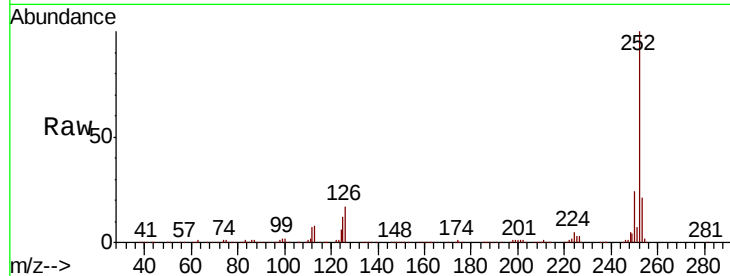
#88
Benzo(b)fluoranthene
Concen: 48.295 ng m
RT: 15.03 min Scan# 2200
Delta R.T. 0.00 min
Lab File: BF116719.D
Acq: 1 Sep 2019 2:19

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.7	26.5
125	12.4	8.2	12.2#

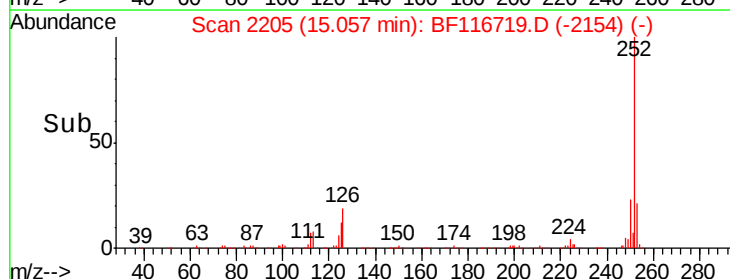
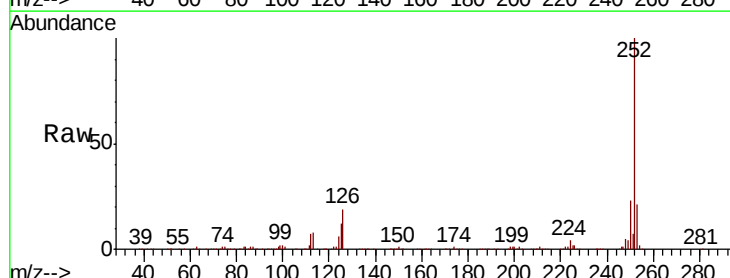
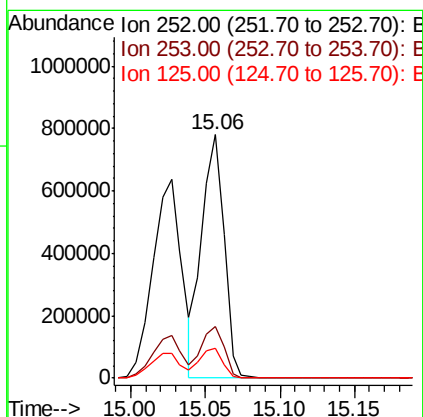
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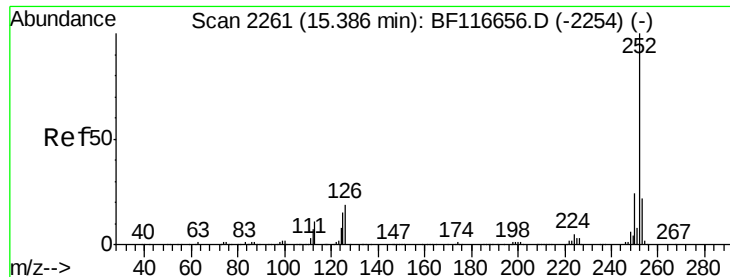
mohammad
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#89
Benzo(k)fluoranthene
Concen: 49.561 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BF116719.D
Acq: 1 Sep 2019 2:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.7	26.5
125	12.0	8.6	13.0





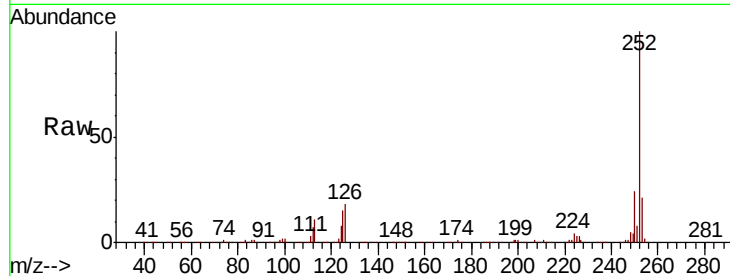
#90
Benzo(a)pyrene
Concen: 52.354 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BF116719.D
Acq: 1 Sep 2019 2:19

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	811153		
253	21.4	18.1	27.1	
125	15.1	9.8	14.8	

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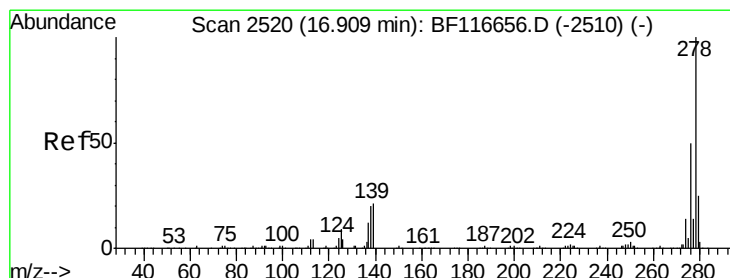
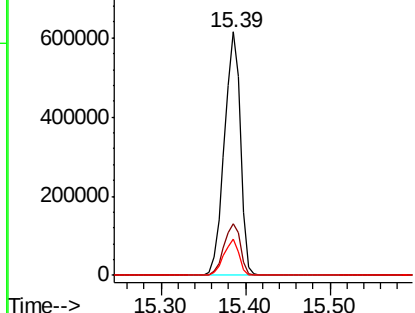
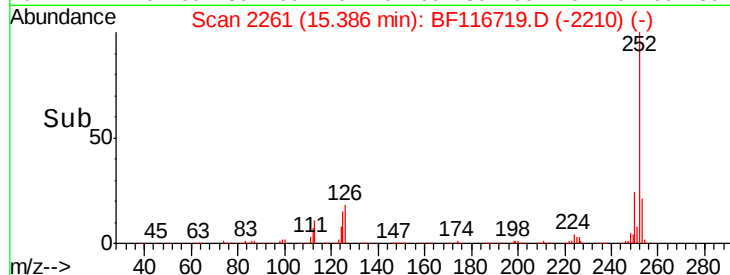


Abundance

Ion 252.00 (251.70 to 252.70): E

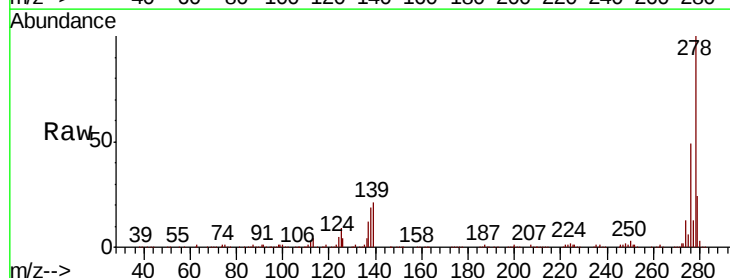
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91
Dibenzo(a,h)anthracene
Concen: 52.211 ng
RT: 16.91 min Scan# 2520
Delta R.T. 0.00 min
Lab File: BF116719.D
Acq: 1 Sep 2019 2:19

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	708063		
139	20.5	12.4	18.6	
279	23.8	18.2	27.4	

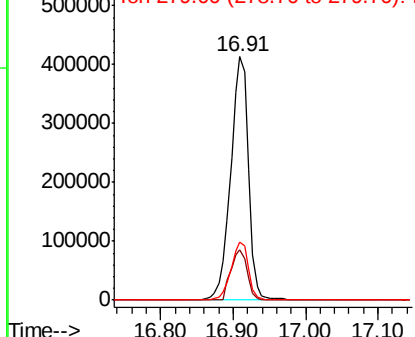
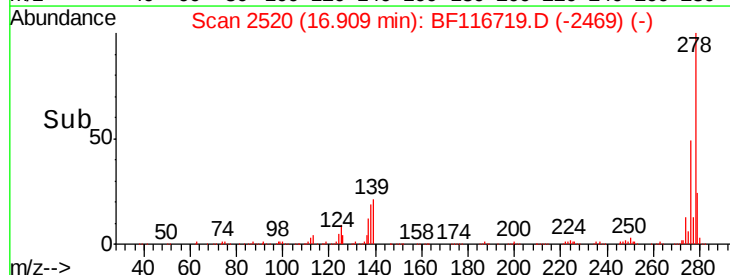


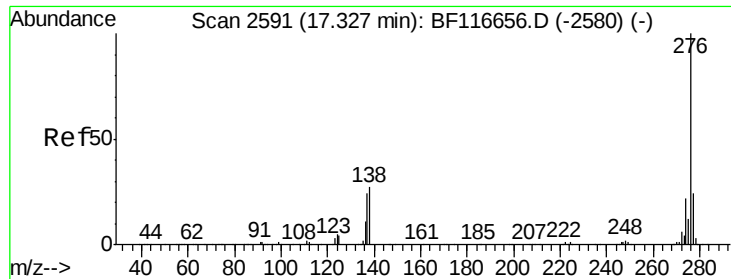
Abundance

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: 47.794 ng
 RT: 17.33 min Scan# 2592
 Delta R.T. 0.01 min
 Lab File: BF116719.D
 Acq: 1 Sep 2019 2:19

Instrument :
 BNA_F
 ClientSampleId :
 T2-S-A1-A4MS

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
277	23.2	18.5	27.7	
138	26.7	16.2	24.2	

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