

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
 Data File : BF116665.D
 Acq On : 30 Aug 2019 22:20
 Operator : HP/JU
 Sample : K4591-06MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-35-37MS

Manual Integrations
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mohammad
 8/31/2019 2:45:21 PM

Quant Time: Aug 31 04:07:50 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	104200	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	400099	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	207278	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	348574	20.00	ng	0.00
76) Chrysene-d12	14.00	240	252856	20.00	ng	0.00
87) Perylene-d12	15.44	264	254691	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1214951	188.90	ng	0.01
7) Phenol-d6	6.49	99	1667368	197.42	ng	0.00
23) Nitrobenzene-d5	7.41	82	1052670	150.20	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	311610	224.88	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1652051	134.45	ng	0.00
79) Terphenyl-d14	12.95	244	1693813	123.92	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.63	88	120088	40.446	ng	99
3) Pyridine	3.39	79	305506	35.538	ng	94
4) n-Nitrosodimethylamine	3.32	42	127745	43.273	ng	# 75
6) Aniline	6.52	93	276573	23.643	ng	97
8) 2-Chlorophenol	6.64	128	319906	45.562	ng	100
9) Benzaldehyde	6.39	77	235560	42.335	ng	99
10) Phenol	6.50	94	448238	47.929	ng	98
11) bis(2-Chloroethyl)ether	6.59	93	318241	43.702	ng	99
12) 1,3-Dichlorobenzene	6.79	146	338961	42.714	ng	96
13) 1,4-Dichlorobenzene	6.87	146	342845	43.396	ng	98
14) 1,2-Dichlorobenzene	7.02	146	316570	43.238	ng	97
15) Benzyl Alcohol	6.99	79	323105	47.129	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	359344	42.060	ng	98
17) 2-Methylphenol	7.10	107	279817	45.525	ng	97
18) Hexachloroethane	7.36	117	130067	42.375	ng	91
19) n-Nitroso-di-n-propylamine	7.26	70	248176	44.628	ng	91
20) 3+4-Methylphenols	7.25	107	336658	47.108	ng	# 85
22) Acetophenone	7.26	105	463963	48.167	ng	# 92
24) Nitrobenzene	7.43	77	360702	50.604	ng	97
25) Isophorone	7.67	82	686384	48.331	ng	99
26) 2-Nitrophenol	7.75	139	155524	58.687	ng	91
27) 2,4-Dimethylphenol	7.78	122	296348	55.371	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	415201	47.842	ng	98
29) 2,4-Dichlorophenol	7.99	162	266083	51.733	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	257456	46.149	ng	97
31) Naphthalene	8.15	128	944554	49.648	ng	99
32) Benzoic acid	7.85	122	40914	13.539	ng	99
33) 4-Chloroaniline	8.19	127	80623	9.310	ng	96
34) Hexachlorobutadiene	8.27	225	139769	45.949	ng	98
35) Caprolactam	8.56	113	94839m	49.270	ng	
36) 4-Chloro-3-methylphenol	8.68	107	313304	52.999	ng	97
37) 2-Methylnaphthalene	8.85	142	635044	50.168	ng	96
38) 1-Methylnaphthalene	8.94	142	595327	49.820	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	225970	45.477	ng	# 97

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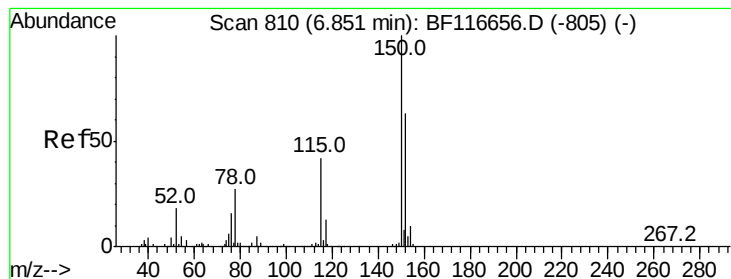
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	261992	91.307	nq	98
43) 2,4,6-Trichlorophenol	9.12	196	170547	50.071	nq	97
44) 2,4,5-Trichlorophenol	9.16	196	180881	51.152	nq	# 93
46) 1,1'-Biphenyl	9.30	154	747019	47.495	nq	96
47) 2-Chloronaphthalene	9.33	162	594037	47.685	nq	99
48) 2-Nitroaniline	9.42	65	191392	53.142	nq	100
49) Acenaphthylene	9.75	152	942130	50.030	nq	99
50) Dimethylphthalate	9.60	163	737364	51.526	nq	99
51) 2,6-Dinitrotoluene	9.66	165	151115	55.347	nq	90
52) Acenaphthene	9.92	154	564345	48.774	nq	98
53) 3-Nitroaniline	9.83	138	79021	23.094	nq	99
54) 2,4-Dinitrophenol	9.93	184	49211	54.096	nq	93
55) Dibenzofuran	10.09	168	820165	50.282	nq	97
56) 4-Nitrophenol	9.99	139	262061	111.698	nq	90
57) 2,4-Dinitrotoluene	10.06	165	201207	60.268	nq	91
58) Fluorene	10.43	166	621674	50.020	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	137617	53.923	nq	94
60) Diethylphthalate	10.30	149	705667	49.228	nq	97
61) 4-Chlorophenyl-phenylether	10.42	204	264110	48.528	nq	91
62) 4-Nitroaniline	10.45	138	174632	52.591	nq	94
63) Azobenzene	10.58	77	756046	50.581	nq	95
65) 4,6-Dinitro-2-methylphenol	10.47	198	65289	50.413	nq	88
66) n-Nitrosodiphenylamine	10.54	169	582062	48.270	nq	97
67) 4-Bromophenyl-phenylether	10.91	248	164075	46.335	nq	97
68) Hexachlorobenzene	10.98	284	168818	45.567	nq	96
69) Atrazine	11.06	200	165445	48.988	nq	97
70) Pentachlorophenol	11.17	266	172780	96.406	nq	99
71) Phenanthrene	11.39	178	929222	47.889	nq	99
72) Anthracene	11.44	178	977248	50.031	nq	99
73) Carbazole	11.59	167	927601	49.855	nq	100
74) Di-n-butylphthalate	11.93	149	1154374	48.396	nq	99
75) Fluoranthene	12.57	202	976128	51.189	nq	97
77) Benzidine	12.69	184	348381	35.127	nq	99
78) Pyrene	12.80	202	1009165	44.897	nq	98
80) Butylbenzylphthalate	13.42	149	516857	47.285	nq	96
81) Benzo(a)anthracene	13.99	228	745220	46.567	nq	98
82) 3,3'-Dichlorobenzidine	13.94	252	177790	32.874	nq	# 96
83) Chrysene	14.03	228	787002	47.734	nq	99
84) Bis(2-ethylhexyl)phthalate	13.98	149	677839	50.236	nq	99
85) Di-n-octyl phthalate	14.59	149	1200187	54.354	nq	97
86) Indeno(1,2,3-cd)pyrene	16.90	276	687654	51.926	nq	# 93
88) Benzo(b)fluoranthene	15.03	252	753462m	48.932	nq	
89) Benzo(k)fluoranthene	15.06	252	635020	45.230	nq	99
90) Benzo(a)pyrene	15.39	252	652036	48.672	nq	98
91) Dibenzo(a,h)anthracene	16.92	278	564042	48.101	nq	# 95
92) Benzo(g,h,i)perylene	17.33	276	583856	48.821	nq	# 91

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



#1

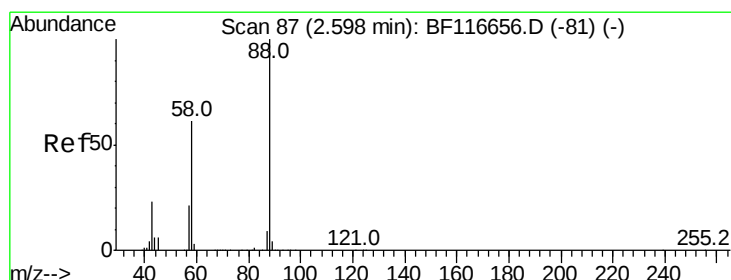
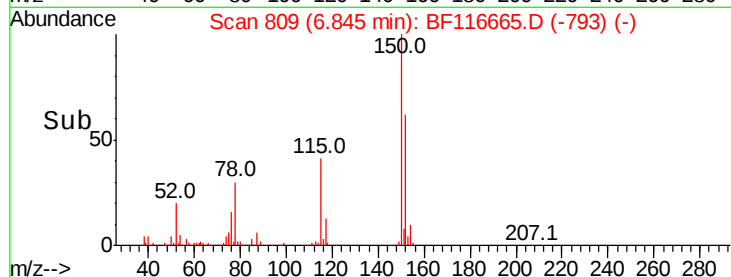
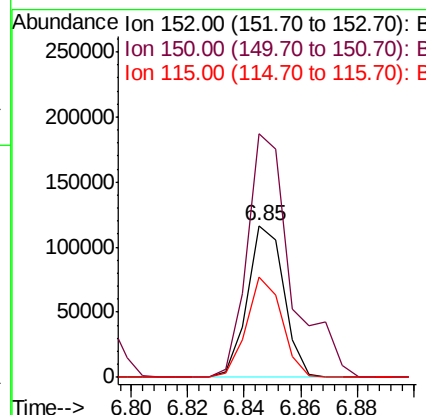
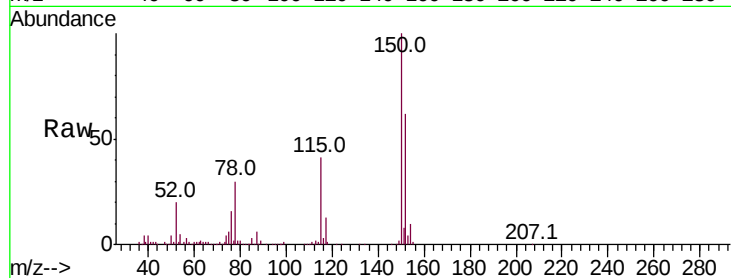
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116665.D
Acq: 30 Aug 2019 22:20

Instrument :
BNA_F
ClientSampleId :
SB-3-35-37MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	124.4	186.6
115	66.1	49.9	74.9

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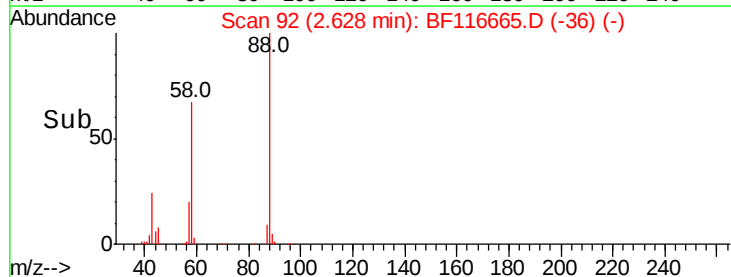
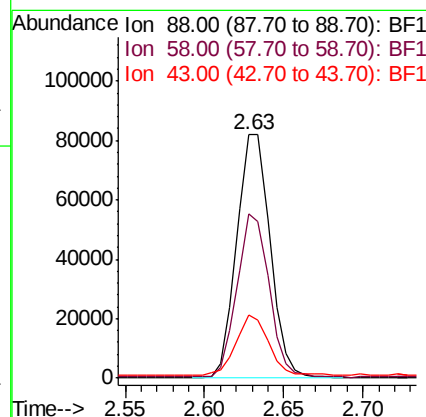
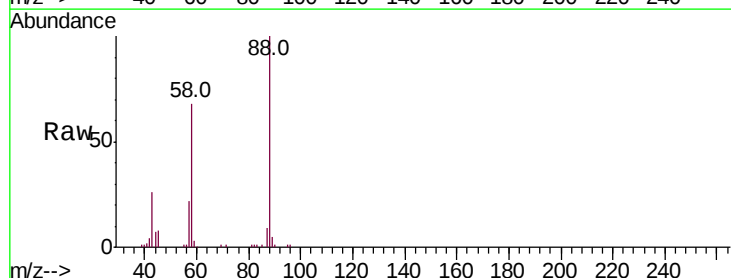
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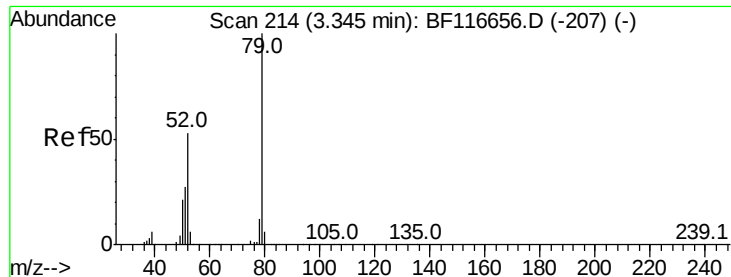


#2

1,4-Dioxane
Concen: 40.446 ng
RT: 2.63 min Scan# 92
Delta R.T. 0.03 min
Lab File: BF116665.D
Acq: 30 Aug 2019 22:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.1	51.7	77.5
43	24.4	19.8	29.8





#3

Pvridine

Concen: 35.538 ng

RT: 3.39 min Scan# 222

Delta R.T. 0.05 min

Lab File: BF116665.D

Acq: 30 Aug 2019 22:20

Instrument :

BNA_F

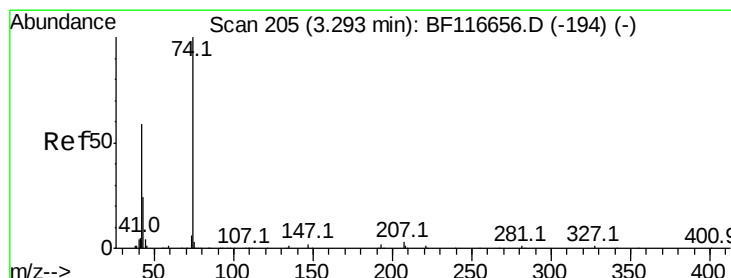
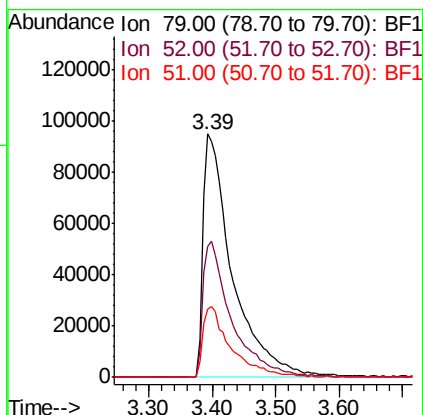
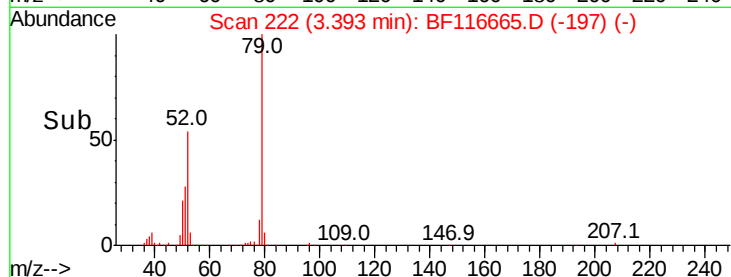
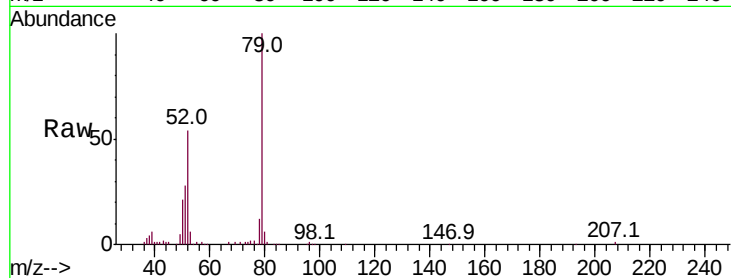
ClientSampleId :

SB-3-35-37MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		305506		
52	53.6	47.4	71.0		
51	27.8	24.1	36.1		

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 43.273 ng

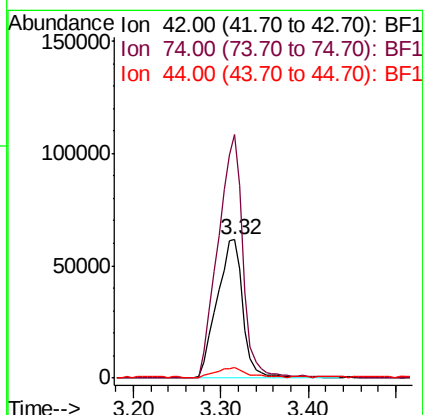
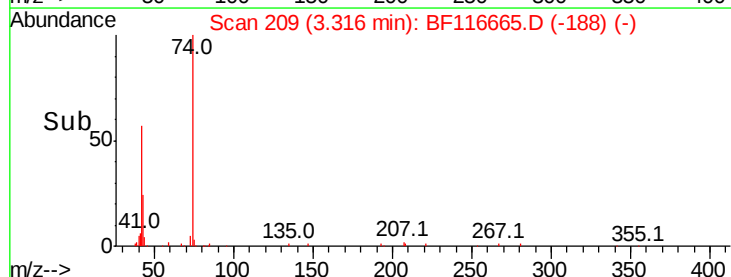
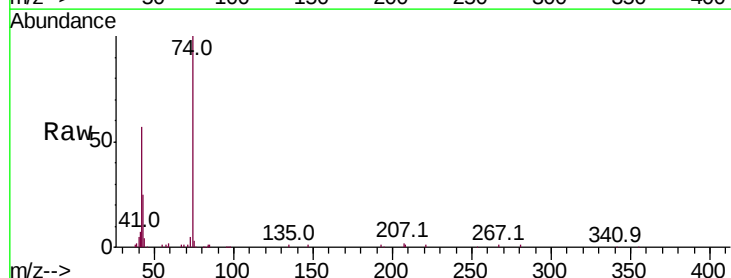
RT: 3.32 min Scan# 209

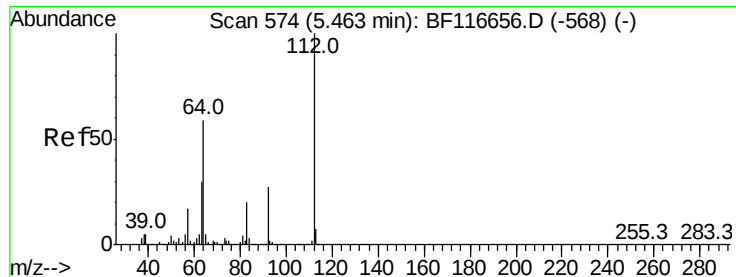
Delta R.T. 0.02 min

Lab File: BF116665.D

Acq: 30 Aug 2019 22:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		127745		
74	176.2	115.6	173.4#		
44	7.4	4.6	7.0#		





#5

2-Fluorophenol

Concen: 188.895 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF116665.D

Acq: 30 Aug 2019 22:20

Instrument :

BNA_F

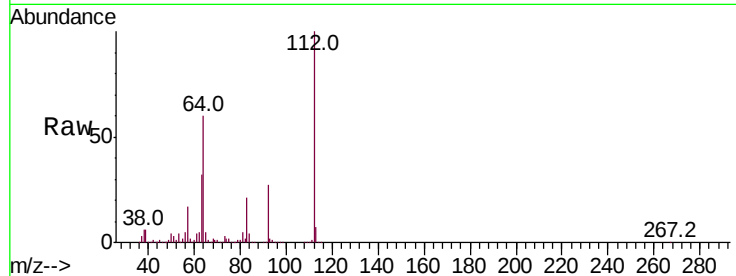
ClientSampleId :

SB-3-35-37MS

Tot Ion:	112	Resp:	1214951
Ion Ratio	Lower	Upper	
112	100		
64	60.0	47.1	70.7
63	31.8	24.9	37.3

Manual Integrations
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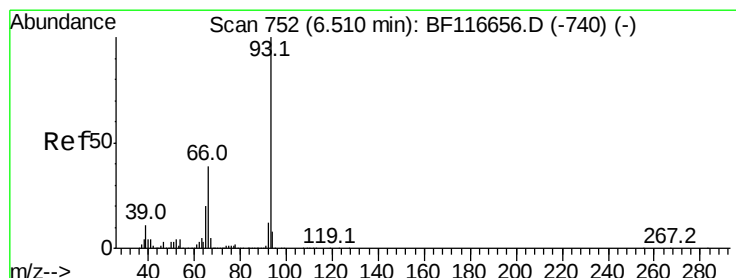
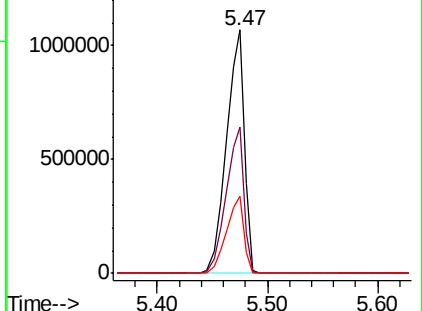
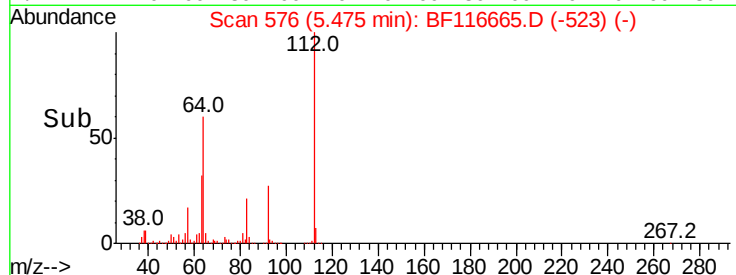
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 23.643 ng

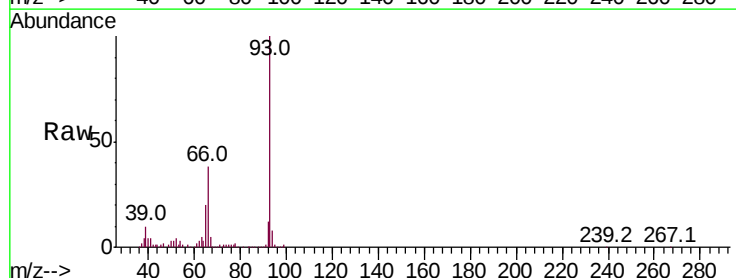
RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF116665.D

Acq: 30 Aug 2019 22:20

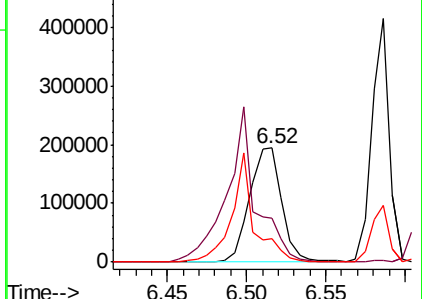
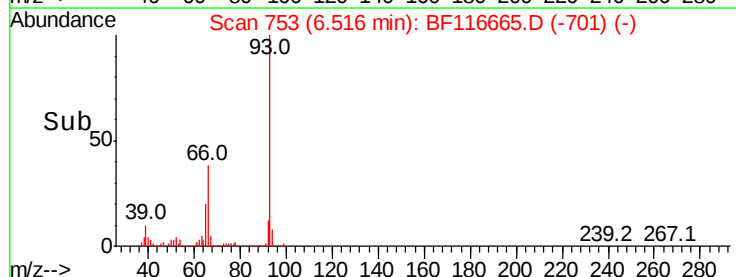
Tgt Ion:	93	Resp:	276573
Ion Ratio	Lower	Upper	
93	100		
66	38.4	32.7	49.1
65	20.1	16.3	24.5

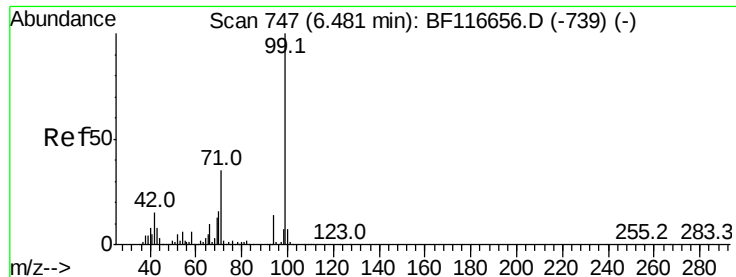


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 197.421 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF116665.D

Acq: 30 Aug 2019 22:20

Instrument :

BNA_F

ClientSampleId :

SB-3-35-37MS

Tot Ion: 99 Resp: 1667368

Ion Ratio Lower Upper

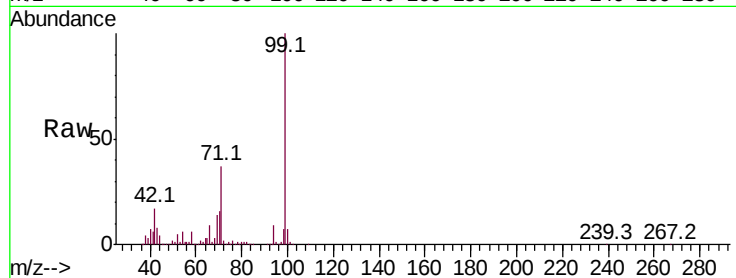
99 100

42 16.8 13.7 20.5

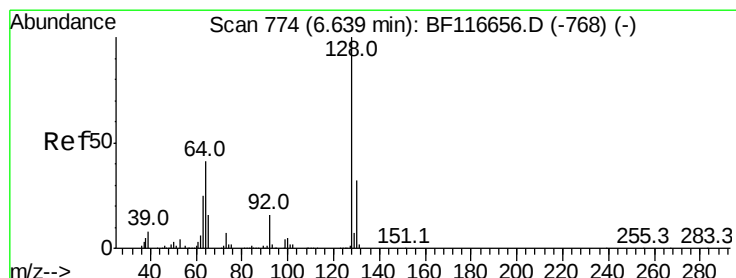
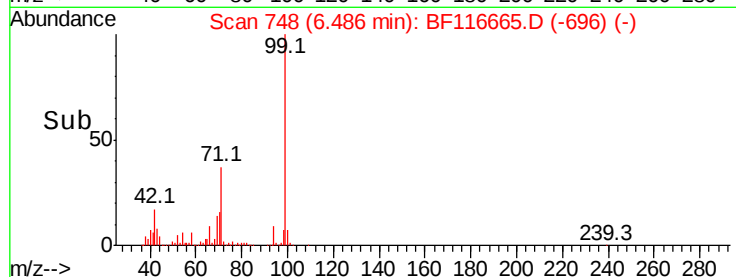
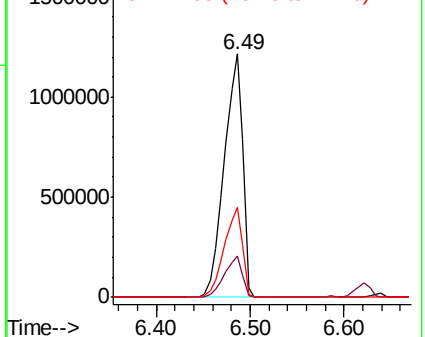
71 37.0 30.8 46.2

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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: 45.562 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF116665.D

Acq: 30 Aug 2019 22:20

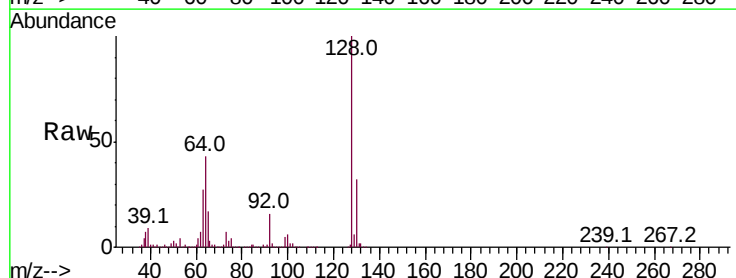
Tgt Ion: 128 Resp: 319906

Ion Ratio Lower Upper

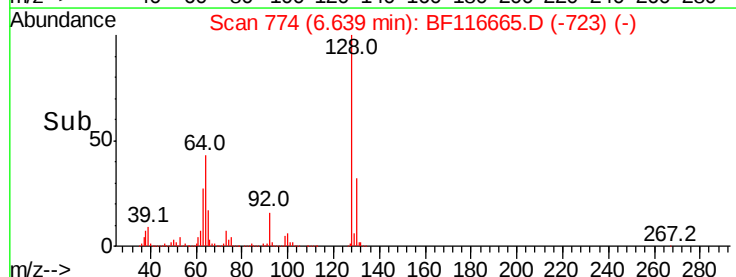
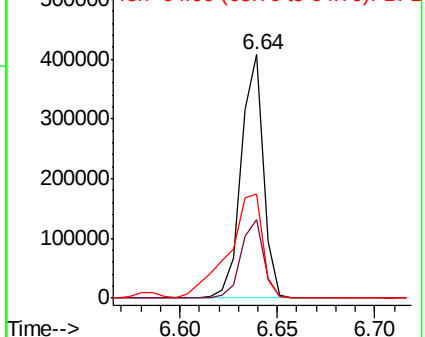
128 100

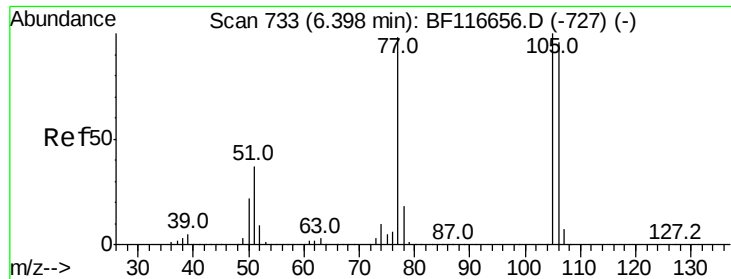
130 32.1 12.3 52.3

64 42.5 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: 42.335 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF116665.D

Acq: 30 Aug 2019 22:20

Instrument :

BNA_F

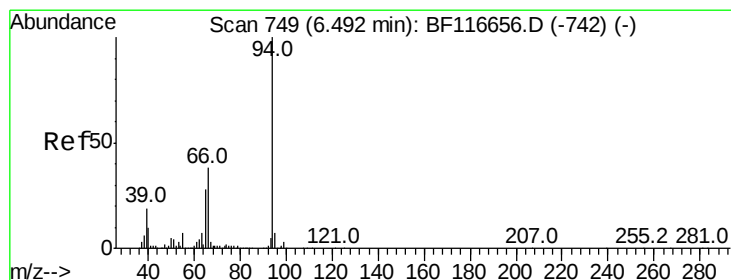
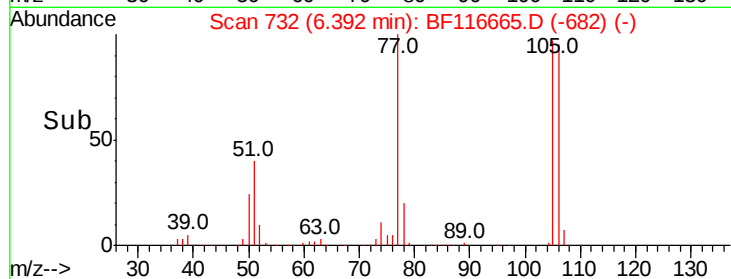
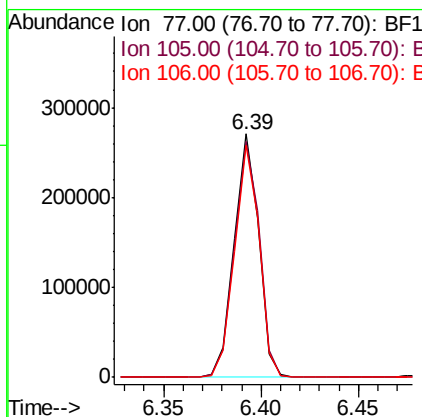
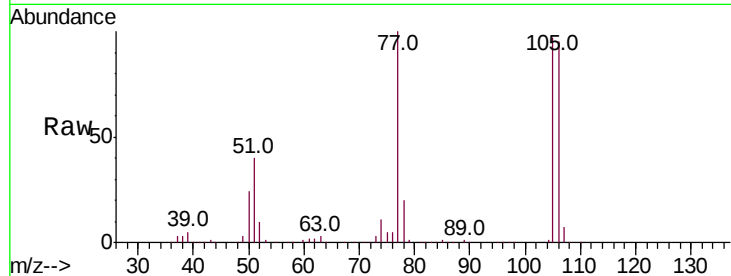
ClientSampleId :

SB-3-35-37MS

Tot Ion:	77	Resp:	235560
Ion Ratio	Lower	Upper	
77	100		
105	96.7	76.7	116.7
106	95.5	73.1	113.1

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#10

Phenol

Concen: 47.929 ng

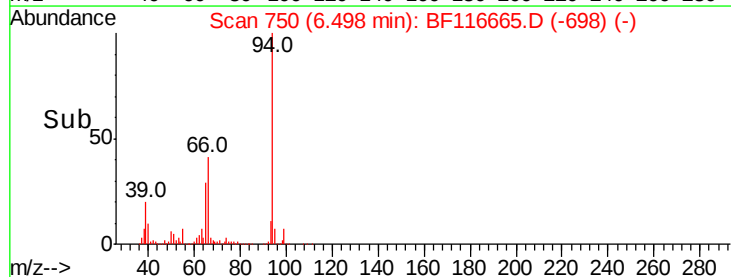
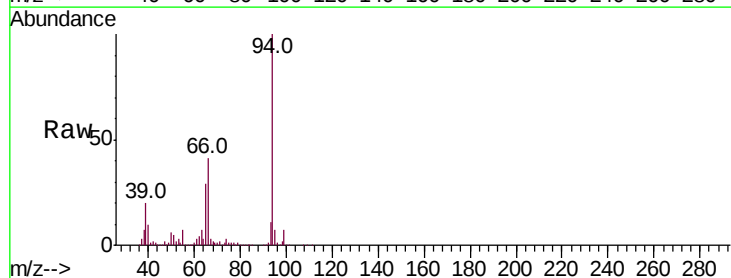
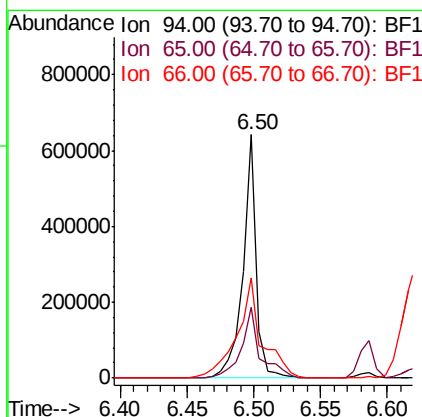
RT: 6.50 min Scan# 750

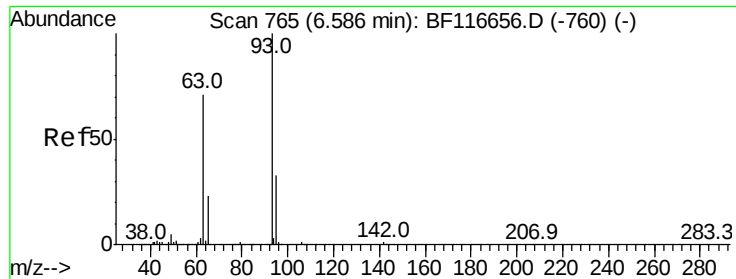
Delta R.T. 0.01 min

Lab File: BF116665.D

Acq: 30 Aug 2019 22:20

Tgt Ion:	94	Resp:	448238
Ion Ratio	Lower	Upper	
94	100		
65	28.9	10.8	50.8
66	41.2	21.1	61.1





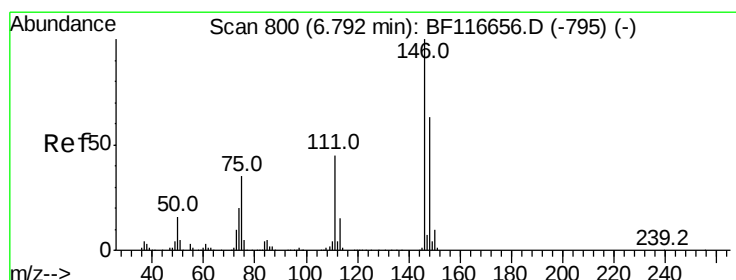
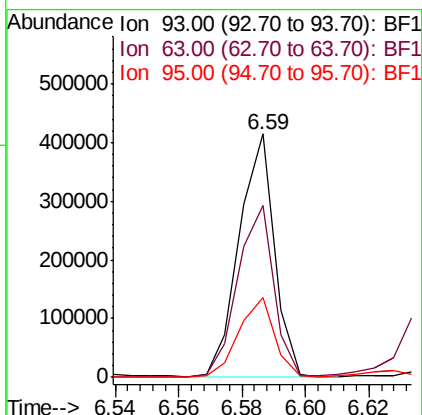
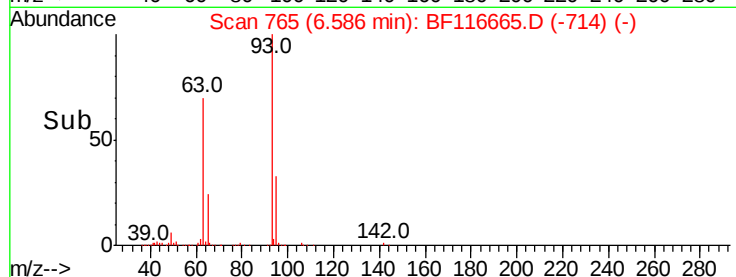
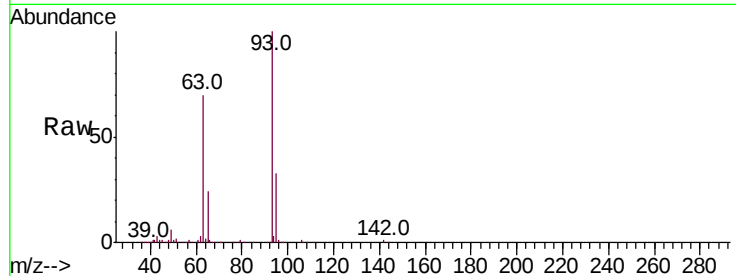
#11
bis(2-Chloroethyl)ether
Concen: 43.702 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF116665.D
Acq: 30 Aug 2019 22:20

Instrument :
BNA_F
ClientSampleId :
SB-3-35-37MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.5	49.9	89.9
95	32.9	12.7	52.7

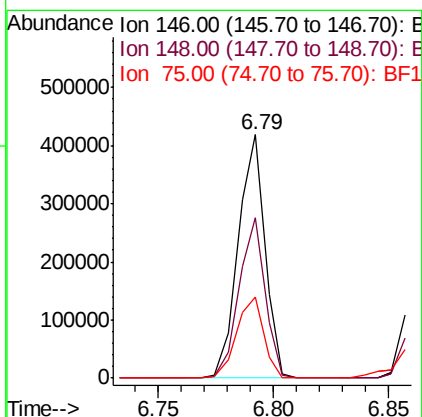
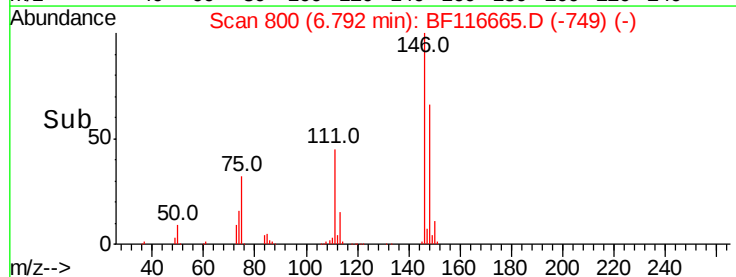
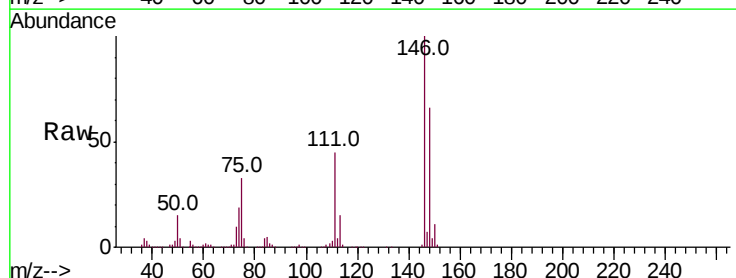
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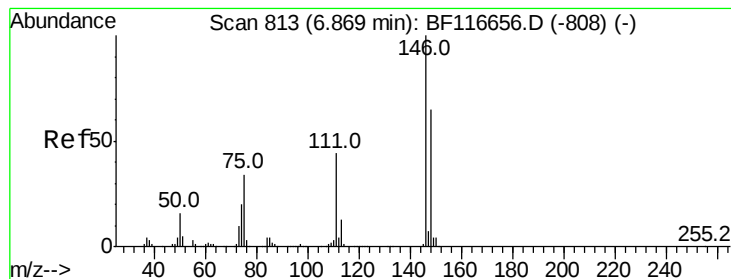
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.714 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF116665.D
Acq: 30 Aug 2019 22:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.2	51.4	77.0
75	33.2	29.6	44.4





#13

1,4-Dichlorobenzene

Concen: 43.396 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF116665.D

Acq: 30 Aug 2019 22:20

Instrument :

BNA_F

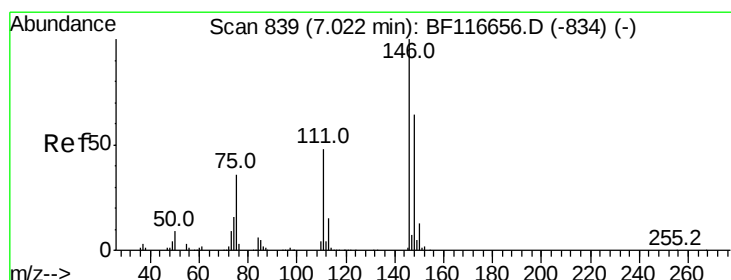
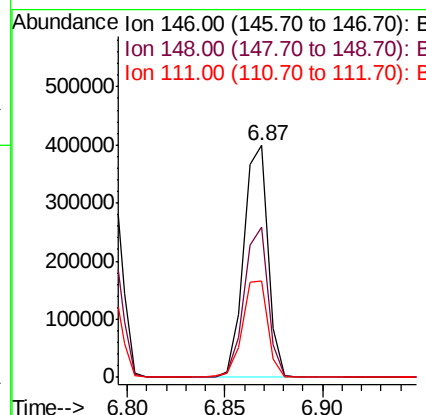
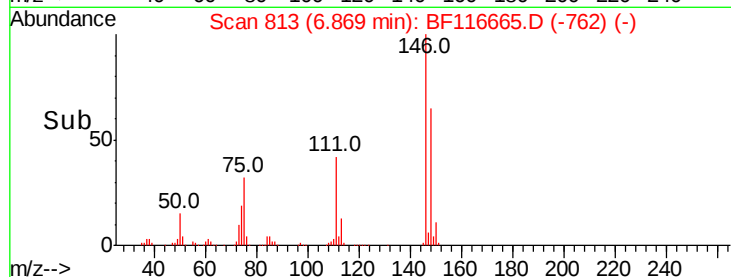
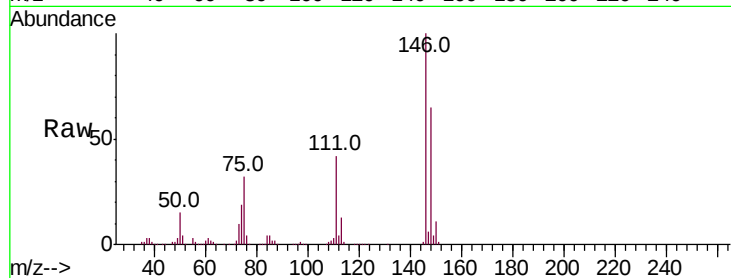
ClientSampleId :

SB-3-35-37MS

Tot Ion:	146	Resp:	342845
Ion Ratio	Lower	Upper	
146	100		
148	64.9	51.4	77.2
111	41.6	34.8	52.2

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#14

1,2-Dichlorobenzene

Concen: 43.238 ng

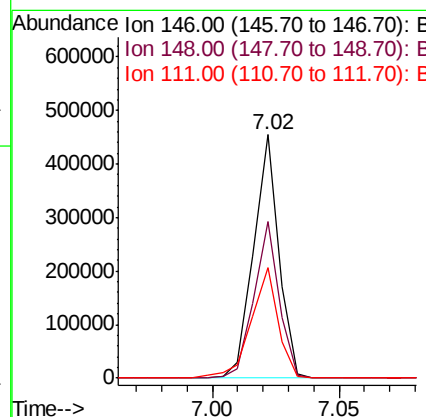
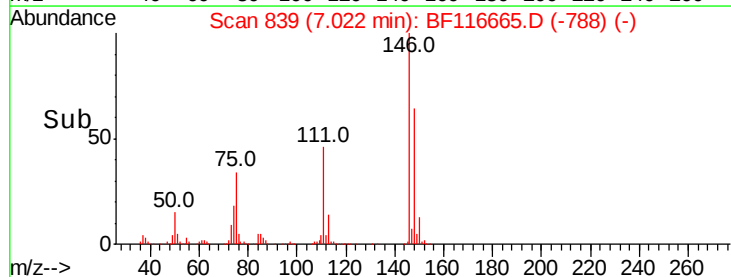
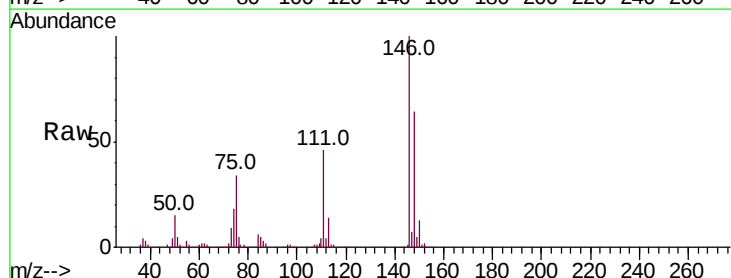
RT: 7.02 min Scan# 839

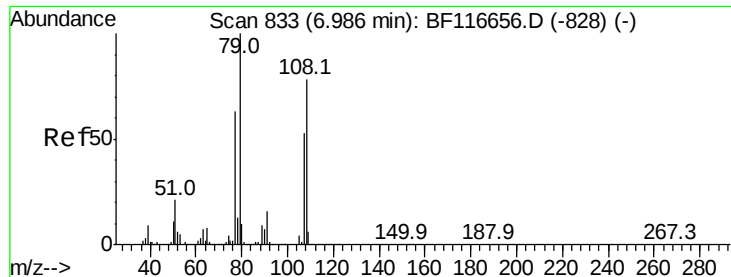
Delta R.T. 0.00 min

Lab File: BF116665.D

Acq: 30 Aug 2019 22:20

Tgt Ion:	146	Resp:	316570
Ion Ratio	Lower	Upper	
146	100		
148	64.1	52.6	78.8
111	45.6	34.2	51.4





#15

Benzyl Alcohol

Concen: 47.129 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF116665.D

Acq: 30 Aug 2019 22:20

Instrument :

BNA_F

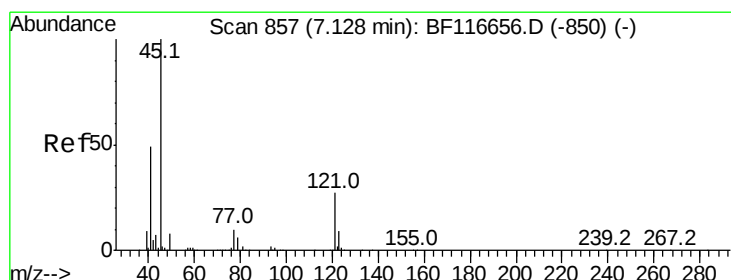
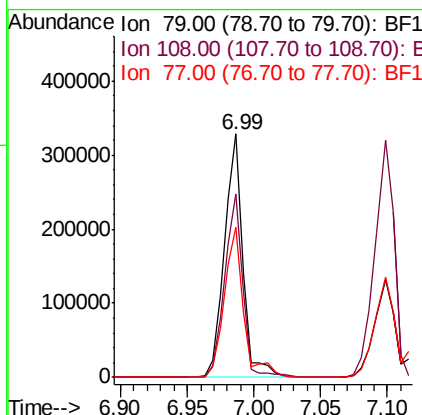
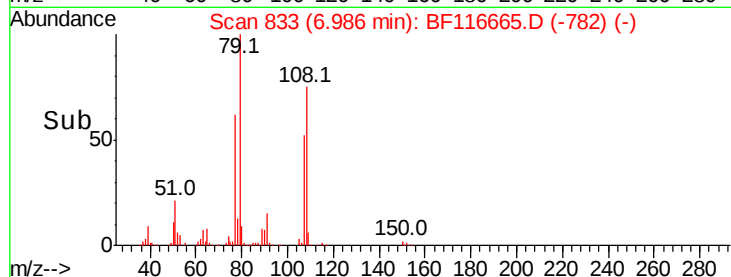
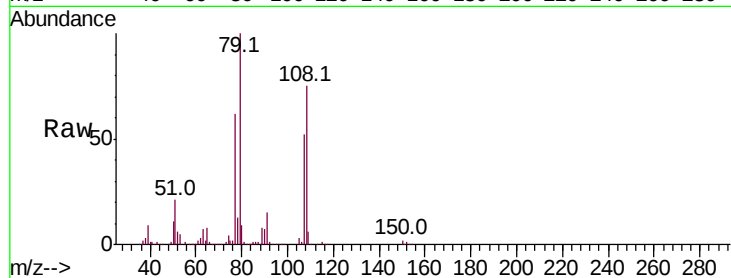
ClientSampleId :

SB-3-35-37MS

Tot Ion:	79	Resp:	323105
Ion Ratio	Lower	Upper	
79	100		
108	75.5	59.2	88.8
77	61.7	53.0	79.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.060 ng

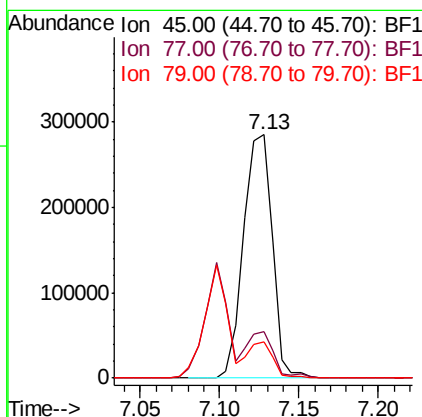
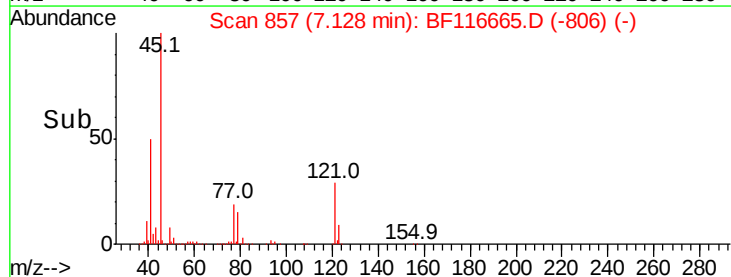
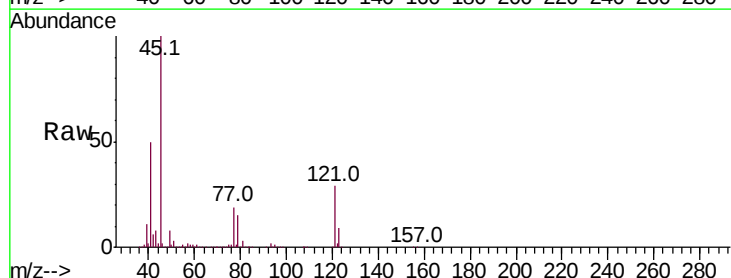
RT: 7.13 min Scan# 857

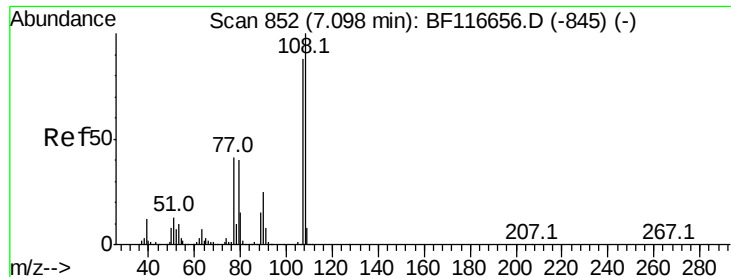
Delta R.T. 0.00 min

Lab File: BF116665.D

Acq: 30 Aug 2019 22:20

Tgt Ion:	45	Resp:	359344
Ion Ratio	Lower	Upper	
45	100		
77	18.8	0.0	38.2
79	15.0	0.0	33.9





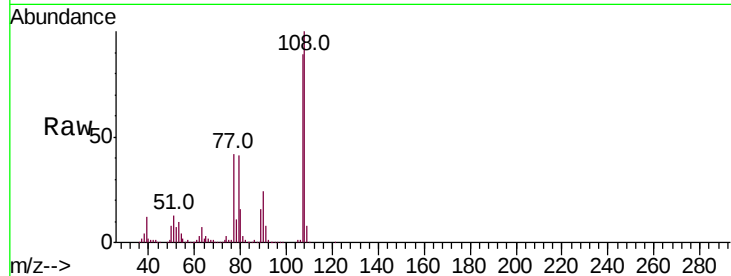
#17
2-Methylphenol
Concen: 45.525 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF116665.D
Acq: 30 Aug 2019 22:20

Instrument :
BNA_F
ClientSampleId :
SB-3-35-37MS

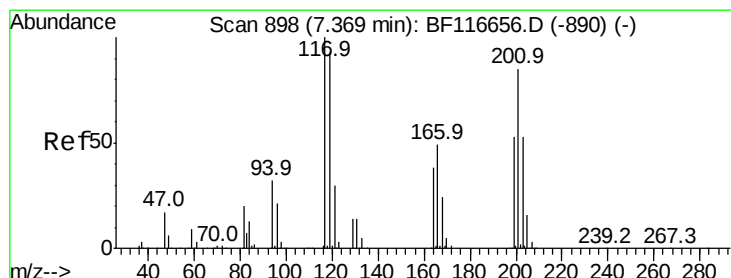
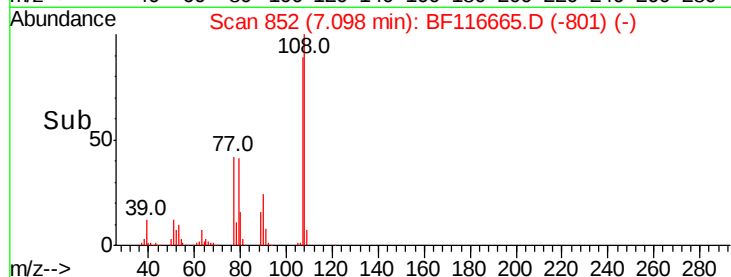
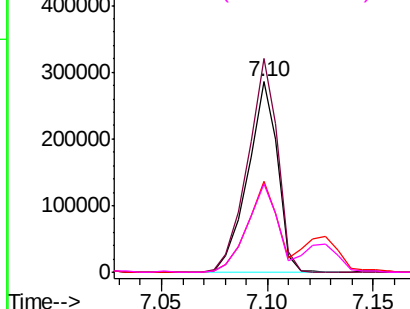
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.1	88.3	132.5	
77	47.5	39.9	59.9	
79	46.1	39.8	59.8	

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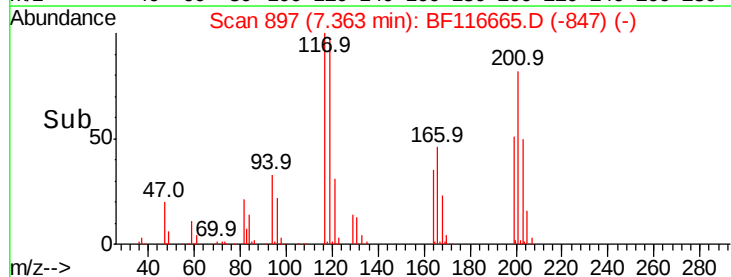
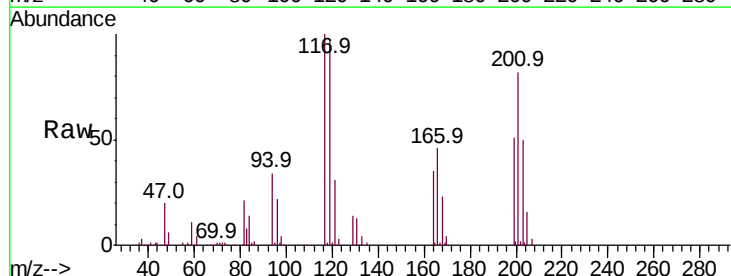
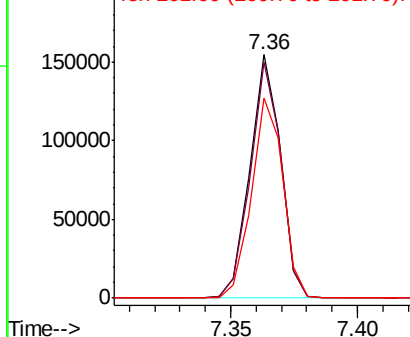
Abundance Ion 107.00 (106.70 to 107.70): E
500000
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

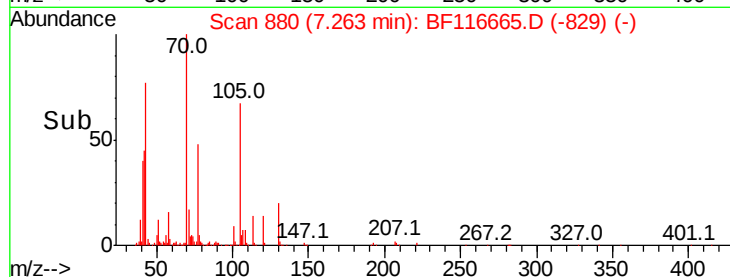
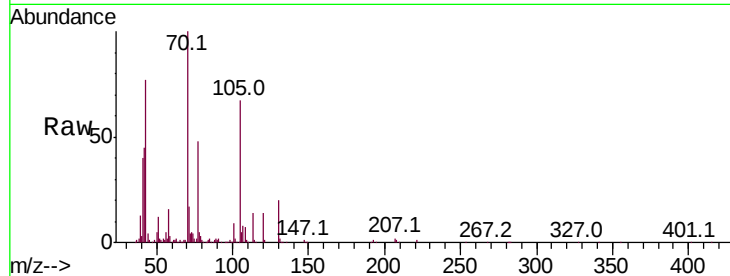
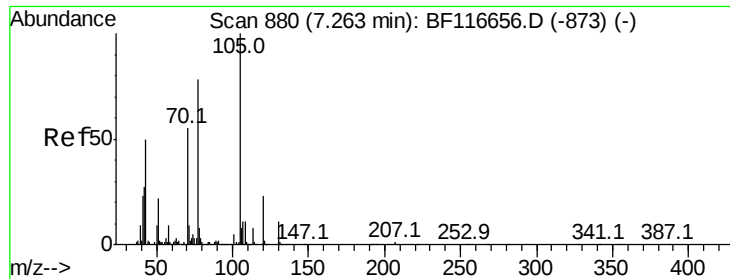


#18
Hexachloroethane
Concen: 42.375 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF116665.D
Acq: 30 Aug 2019 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.1	76.9	115.3	
201	81.9	79.4	119.0	

Abundance Ion 117.00 (116.70 to 117.70): E
200000
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 44.628 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF116665.D

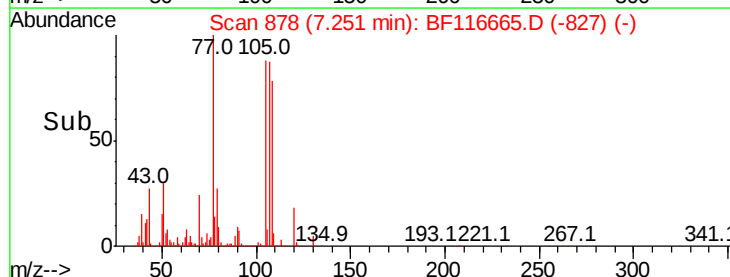
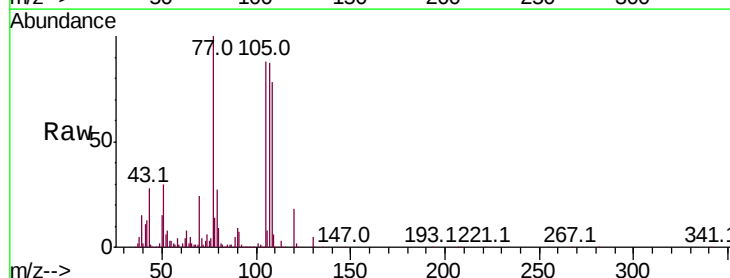
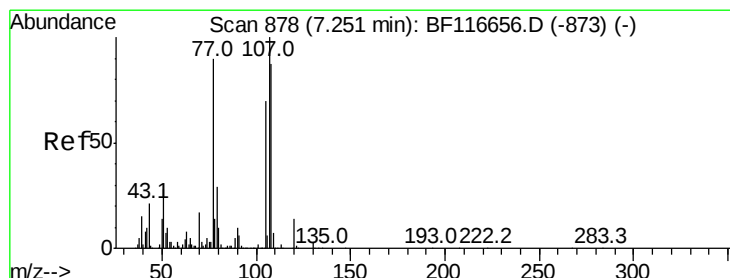
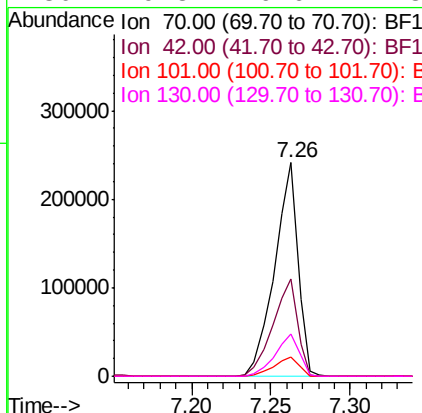
Acq: 30 Aug 2019 22:20

Instrument :
BNA_F
ClientSampleId :
SB-3-35-37MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	45.4	43.5	65.3		
101	9.1	7.8	11.6		
130	19.8	16.6	24.8		

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#20

3+4-Methylphenols

Concen: 47.108 ng

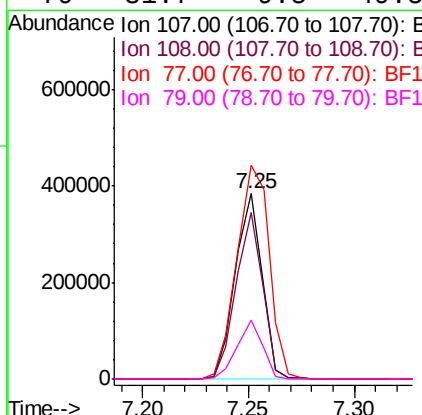
RT: 7.25 min Scan# 878

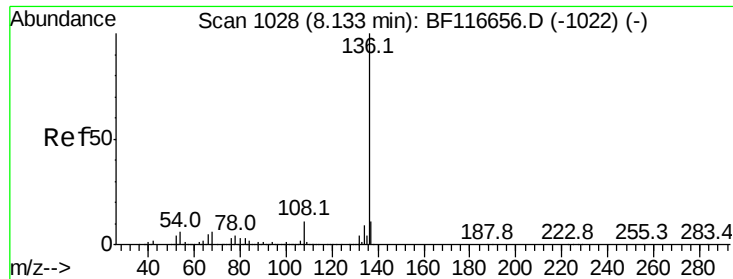
Delta R.T. 0.00 min

Lab File: BF116665.D

Acq: 30 Aug 2019 22:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	90.0	65.5	105.5		
77	115.4	69.4	109.4#		
79	31.7	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: BF116665.D

Acq: 30 Aug 2019 22:20

Instrument :

BNA_F

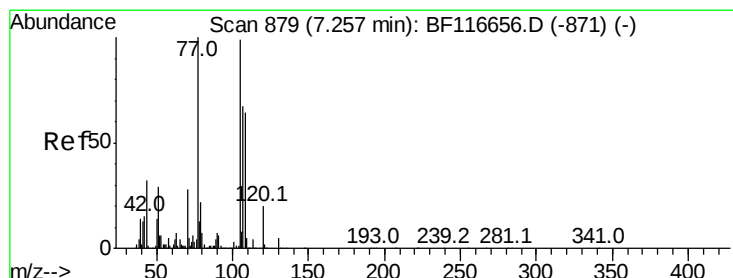
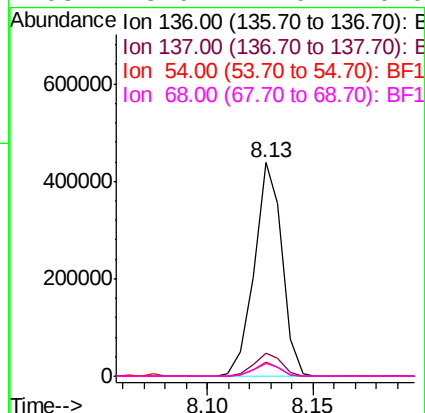
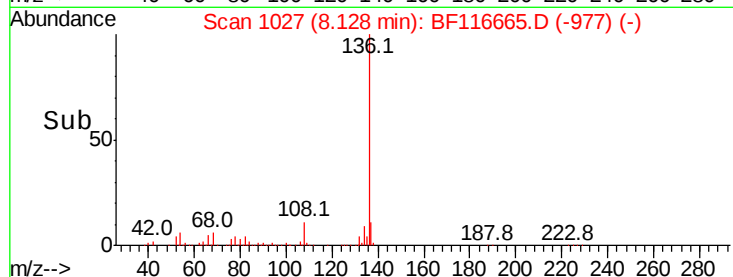
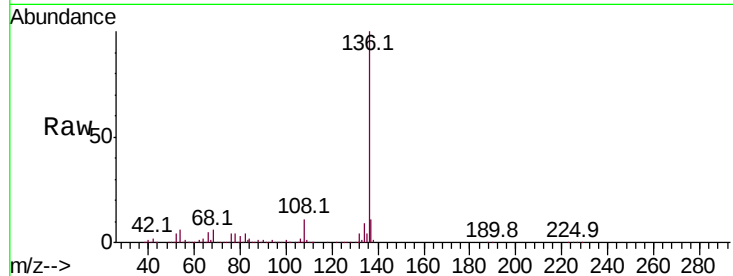
ClientSampleId :

SB-3-35-37MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.9	13.3	
54	6.3	4.8	7.2	
68	5.9	4.0	6.0	

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#22

Acetophenone

Concen: 48.167 ng

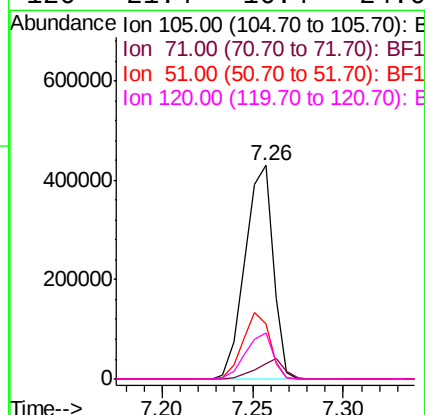
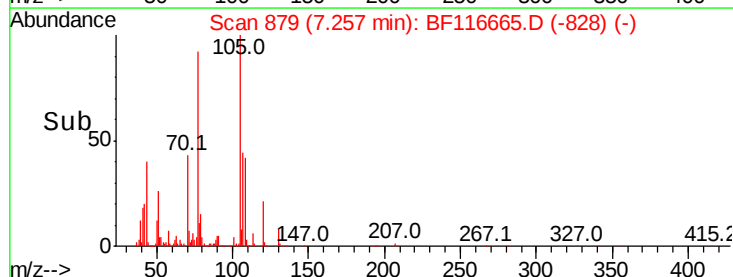
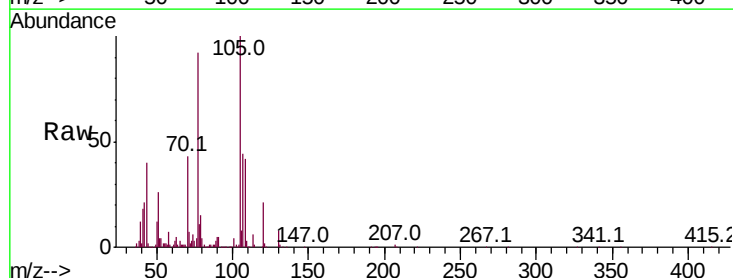
RT: 7.26 min Scan# 879

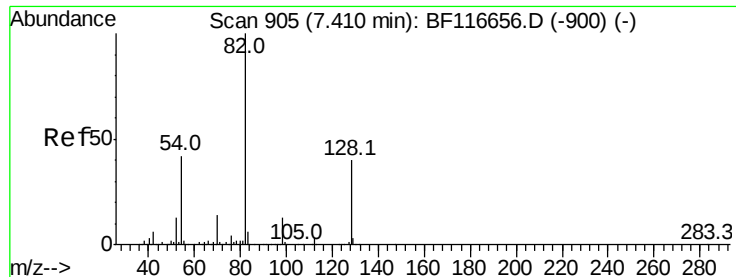
Delta R.T. 0.00 min

Lab File: BF116665.D

Acq: 30 Aug 2019 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.3	4.2	6.4#	
51	25.7	25.8	38.8#	
120	21.4	16.4	24.6	





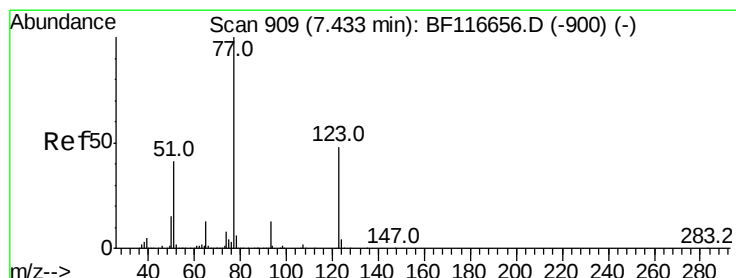
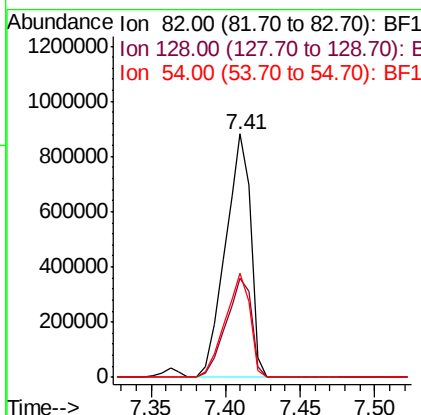
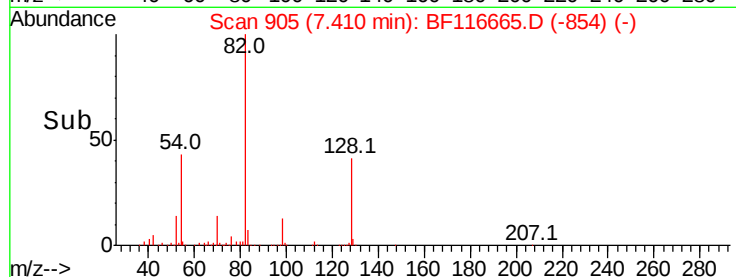
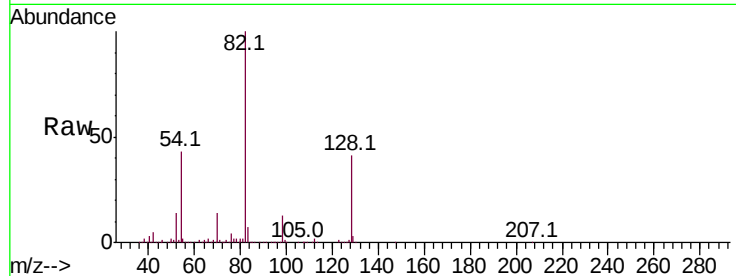
#23
Nitrobenzene-d5
Concen: 150.198 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.00 min
Lab File: BF116665.D
Acq: 30 Aug 2019 22:20

Instrument :
BNA_F
ClientSampleId :
SB-3-35-37MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.5	32.8	49.2
54	42.8	36.9	55.3

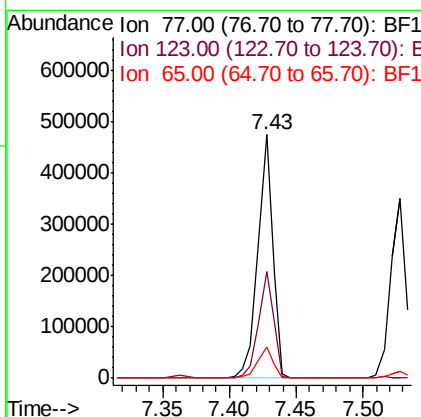
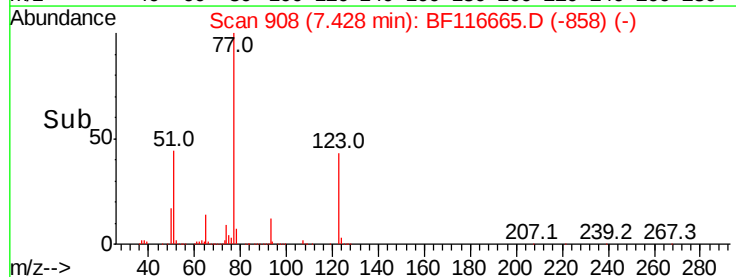
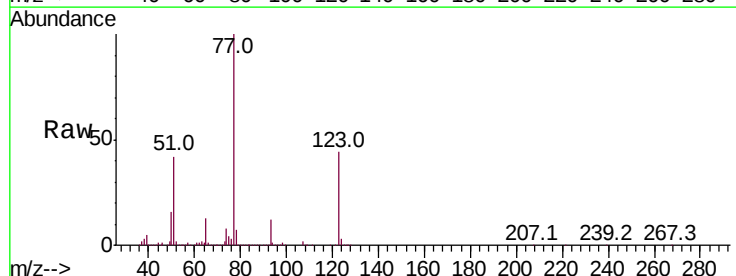
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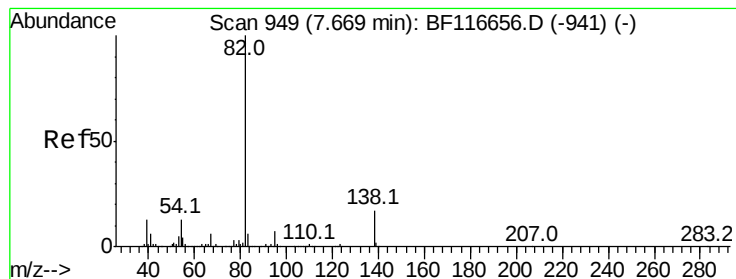
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#24
Nitrobenzene
Concen: 50.604 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF116665.D
Acq: 30 Aug 2019 22:20

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.6	33.1	49.7
65	12.9	10.6	15.8





#25

Isophorone

Concen: 48.331 ng

RT: 7.67 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF116665.D

Acq: 30 Aug 2019 22:20

Instrument :

BNA_F

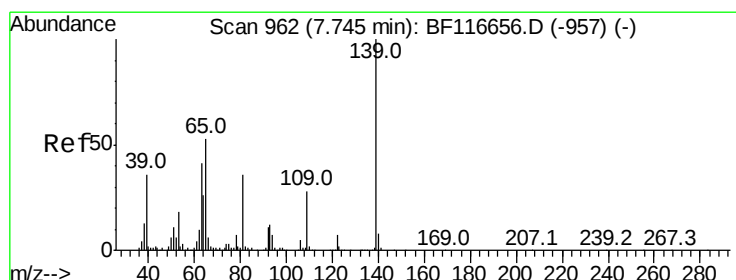
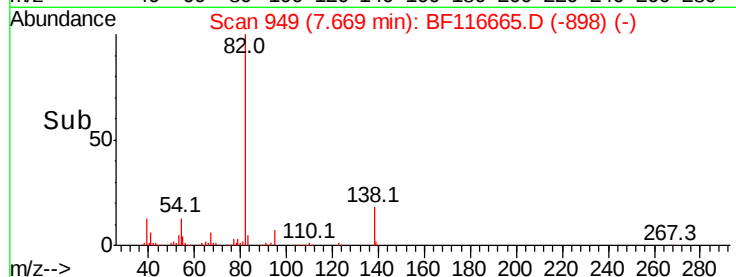
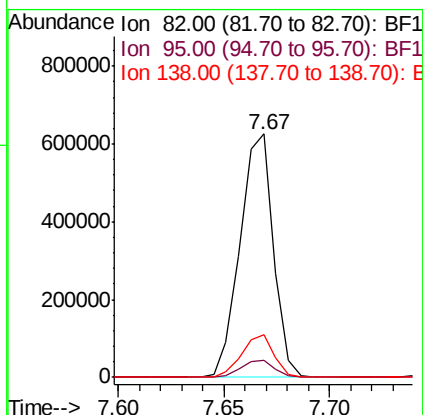
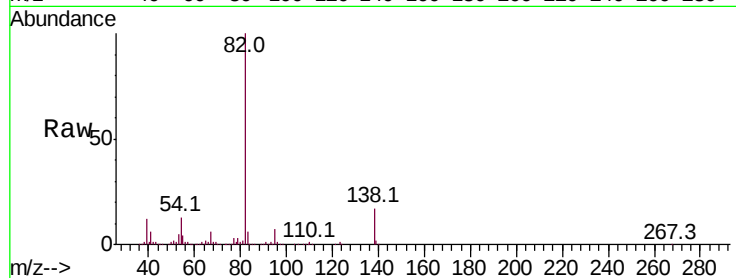
ClientSampleId :

SB-3-35-37MS

Tot Ion	82	Resp	686384
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.8	8.6
138	17.3	13.5	20.3

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#26

2-Nitrophenol

Concen: 58.687 ng

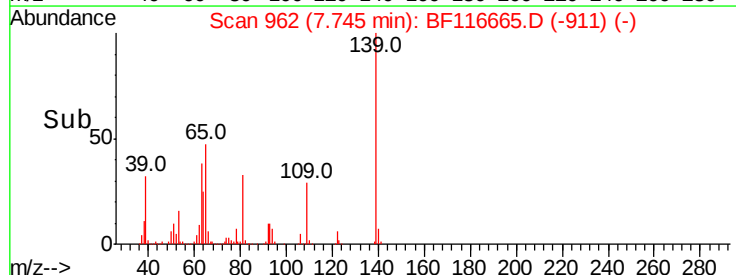
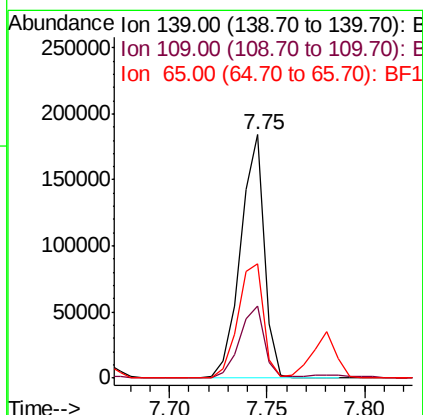
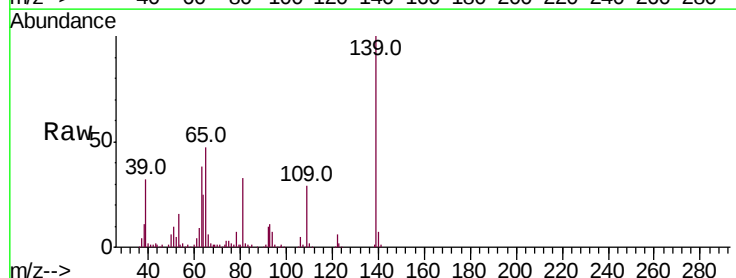
RT: 7.75 min Scan# 962

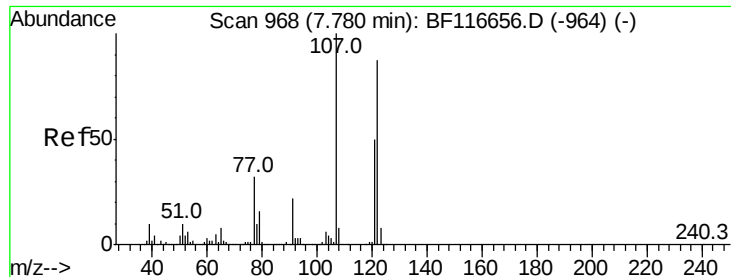
Delta R.T. 0.00 min

Lab File: BF116665.D

Acq: 30 Aug 2019 22:20

Tgt Ion	139	Resp	155524
Ion Ratio	Lower	Upper	
139	100		
109	29.5	27.1	40.7
65	47.1	43.0	64.6





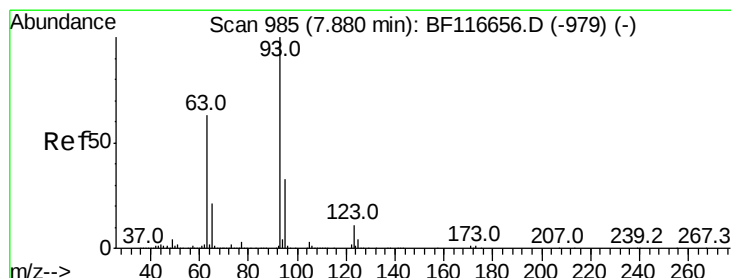
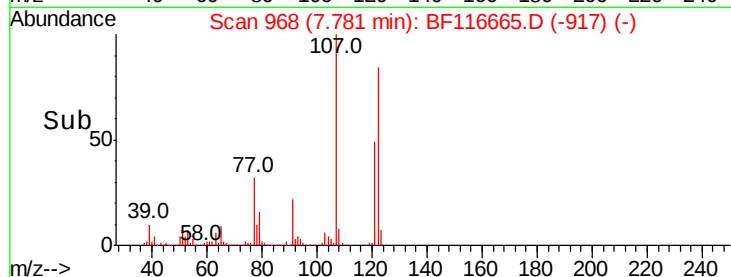
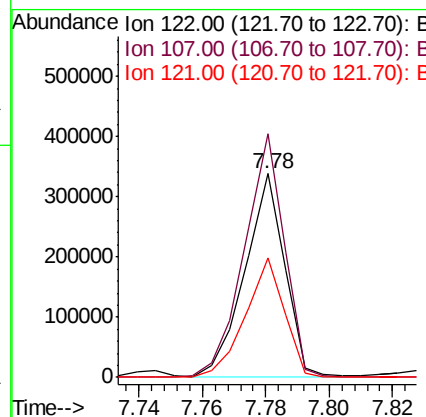
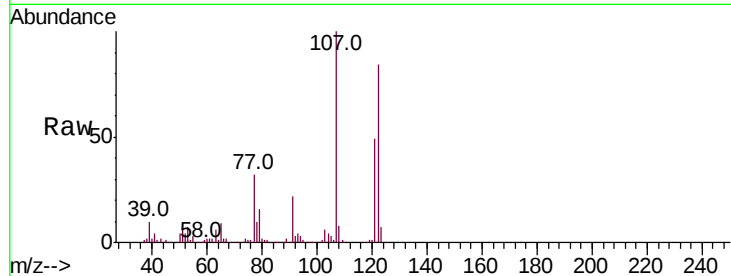
#27
2,4-Dimethylphenol
Concen: 55.371 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF116665.D
Acq: 30 Aug 2019 22:20

Instrument :
BNA_F
ClientSampled :
SB-3-35-37MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	296348		
107	119.6	98.1	147.1	
121	58.9	47.3	70.9	

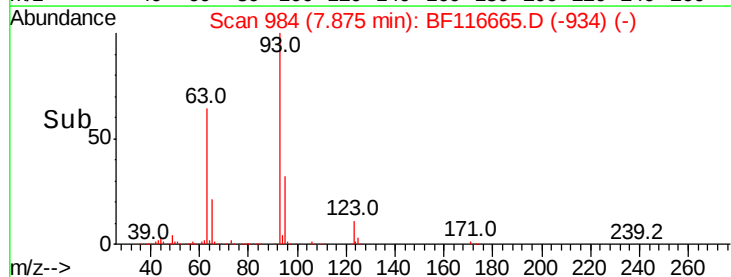
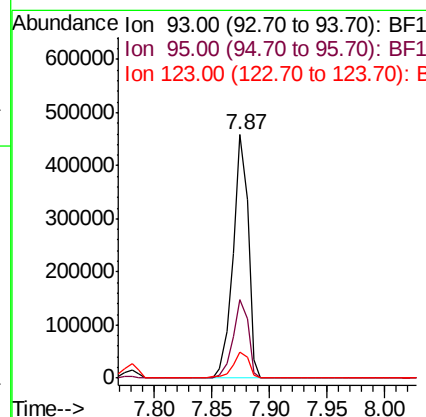
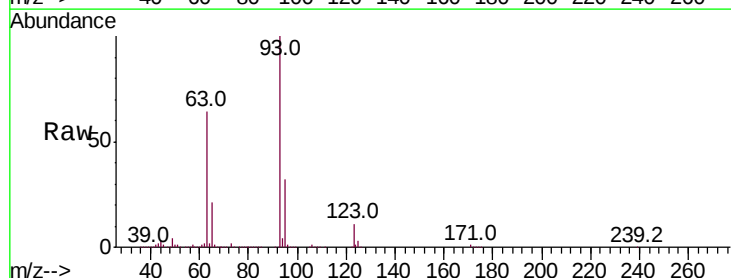
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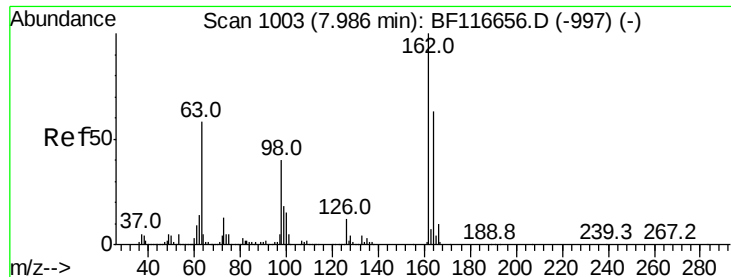
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 47.842 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF116665.D
Acq: 30 Aug 2019 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	415201		
95	32.1	26.4	39.6	
123	10.7	9.8	14.8	





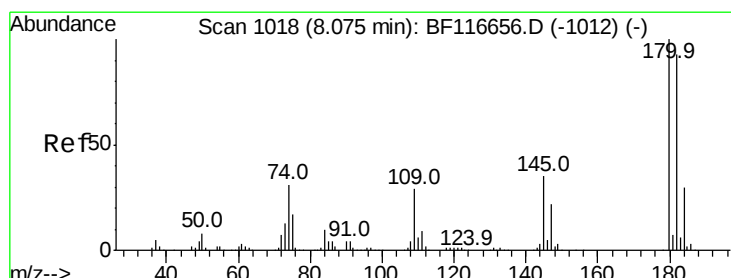
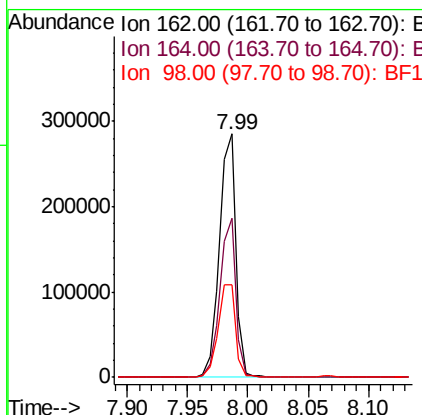
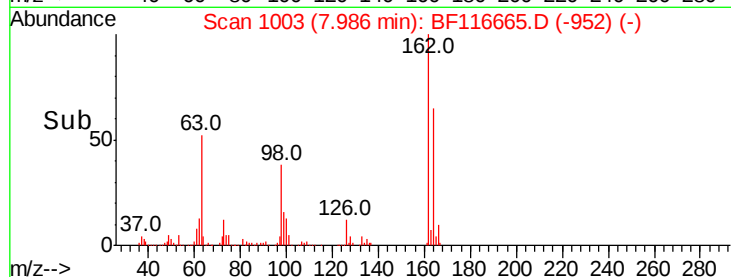
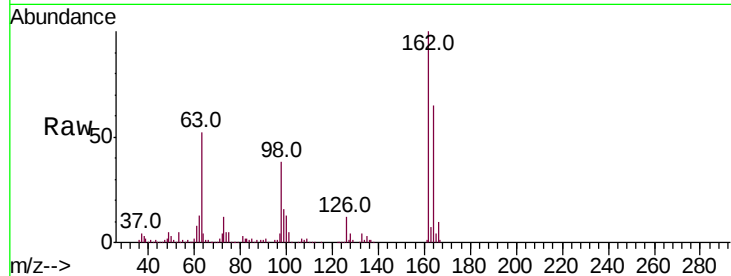
#29
 2,4-Dichlorophenol
 Concen: 51.733 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. 0.00 min
 Lab File: BF116665.D
 Acq: 30 Aug 2019 22:20

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-35-37MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	266083		
164	65.4	43.4	83.4	
98	38.0	18.1	58.1	

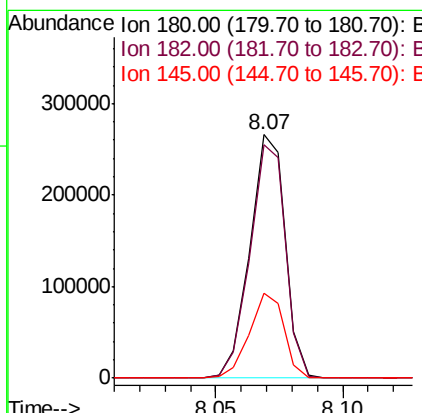
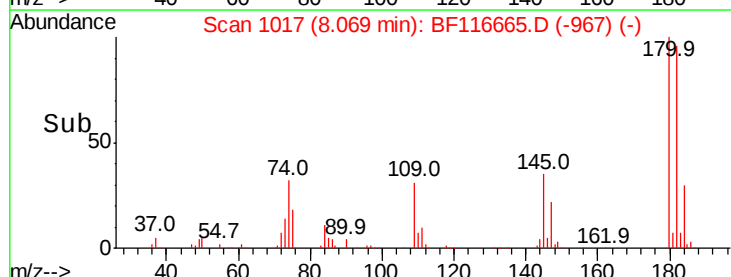
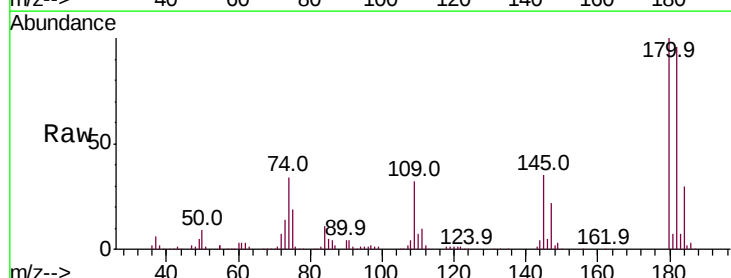
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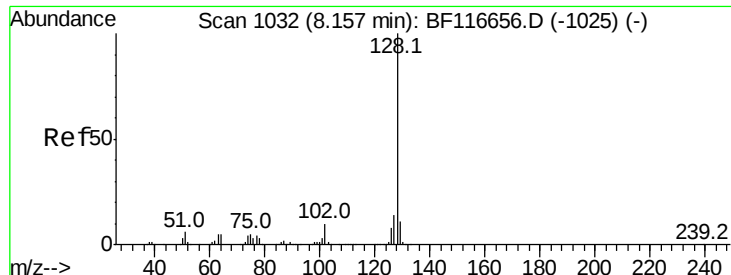
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#30
 1,2,4-Trichlorobenzene
 Concen: 46.149 ng
 RT: 8.07 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BF116665.D
 Acq: 30 Aug 2019 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	257456		
182	95.7	78.6	118.0	
145	34.8	25.7	38.5	





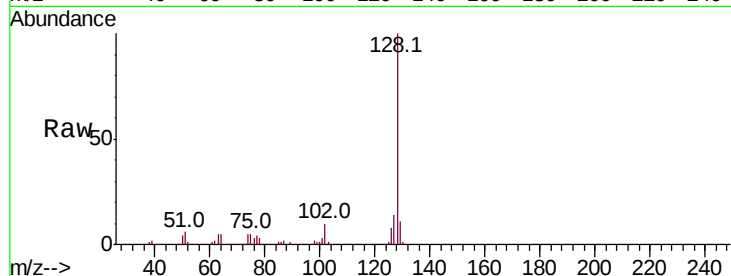
#31
Naphthalene
Concen: 49.648 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF116665.D
Acq: 30 Aug 2019 22:20

Instrument :
BNA_F
ClientSampled :
SB-3-35-37MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.2	8.6	13.0	
127	13.7	10.4	15.6	

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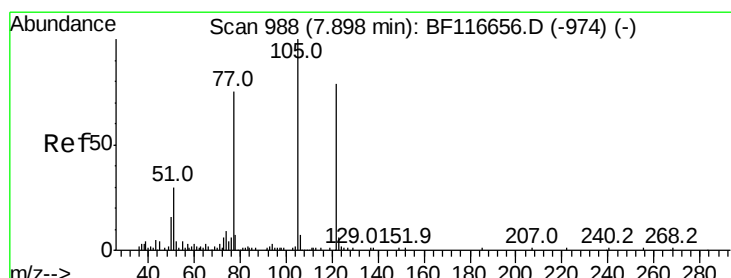
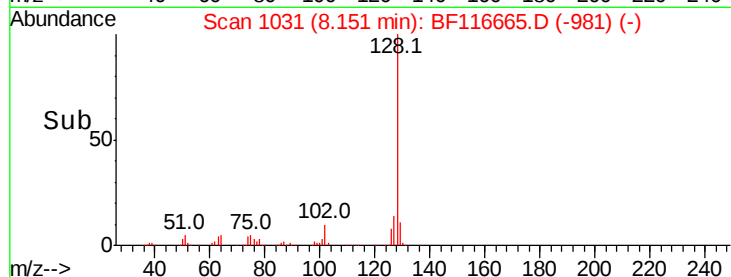
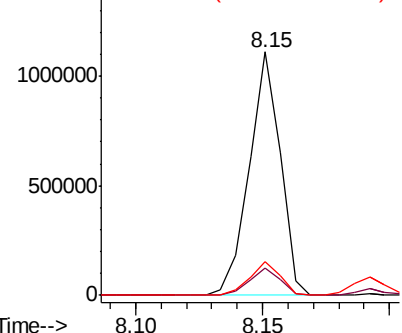


Abundance

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: 13.539 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.05 min
Lab File: BF116665.D
Acq: 30 Aug 2019 22:20

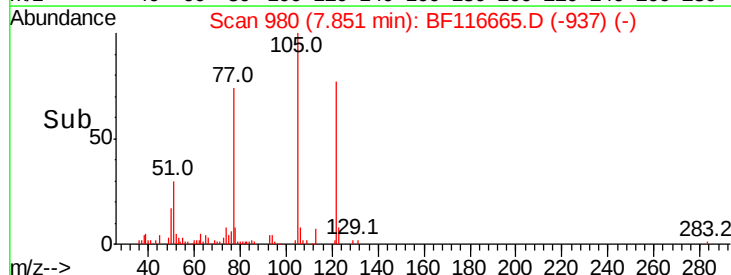
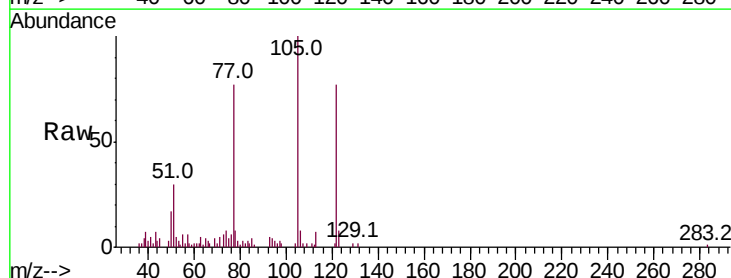
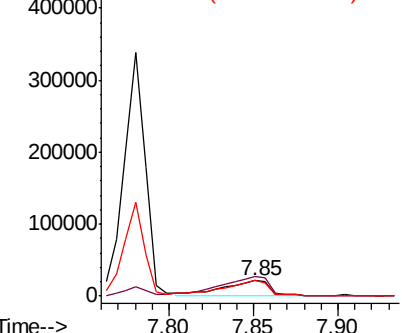
Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	130.2	110.0	150.0	
77	99.9	81.7	121.7	

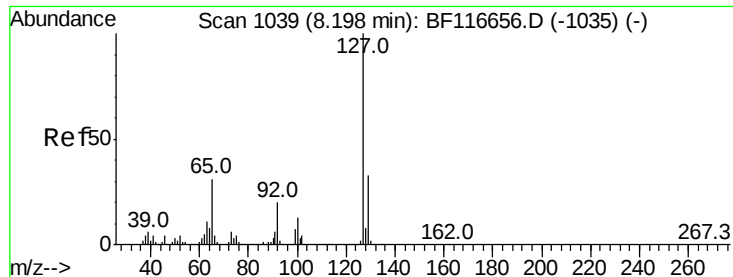
Abundance

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





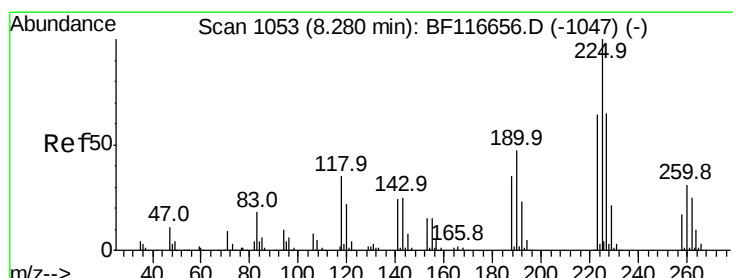
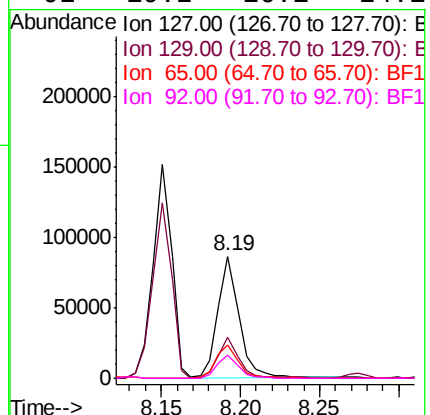
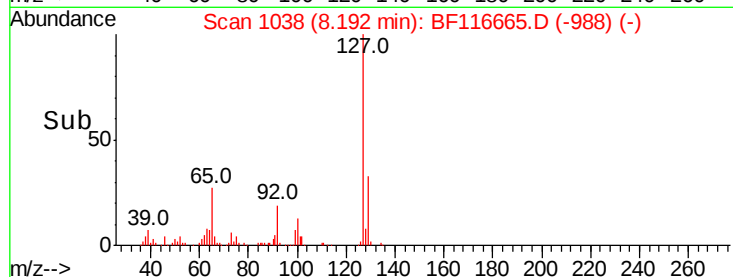
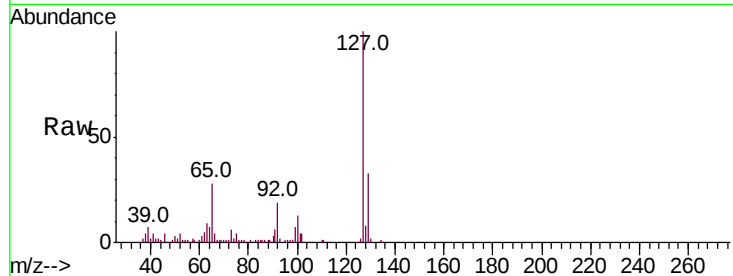
#33
4-Chloroaniline
Concen: 9.310 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF116665.D
Acq: 30 Aug 2019 22:20

Instrument :
BNA_F
ClientSampleId :
SB-3-35-37MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.3	26.2	39.2	
65	27.7	26.0	39.0	
92	19.2	16.1	24.1	

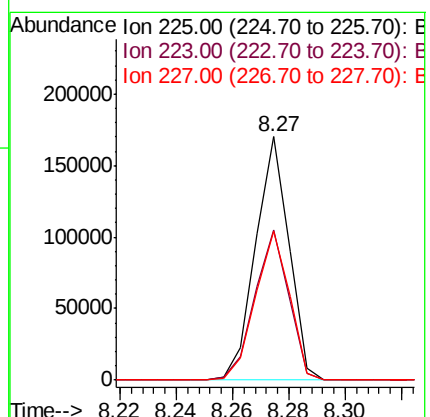
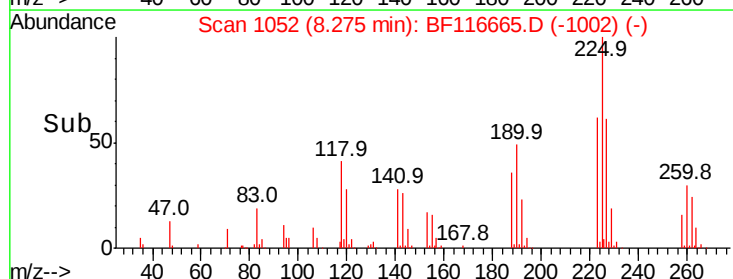
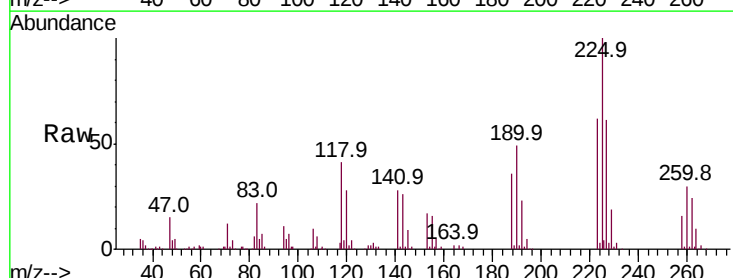
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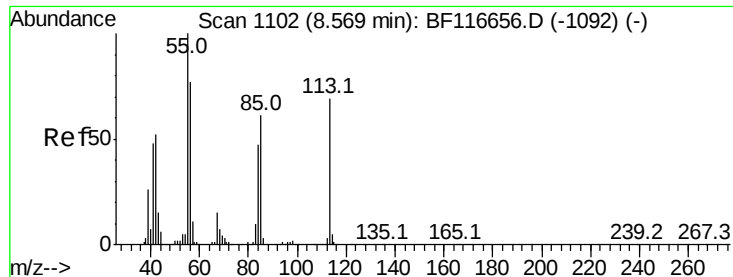
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#34
Hexachlorobutadiene
Concen: 45.949 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF116665.D
Acq: 30 Aug 2019 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.9	49.4	74.2	
227	61.3	51.0	76.4	





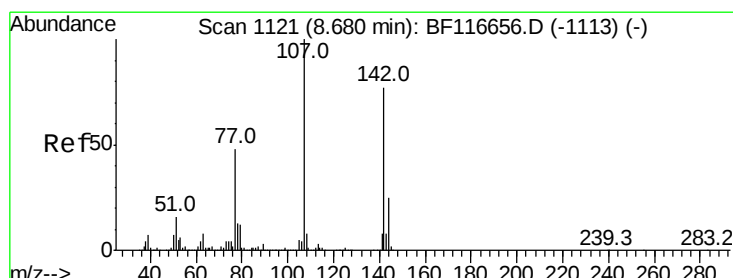
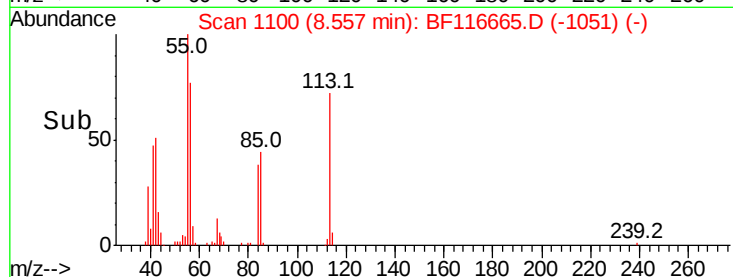
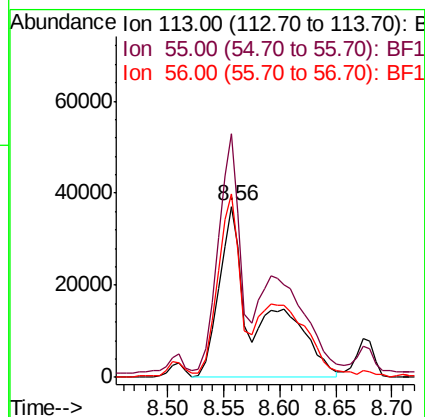
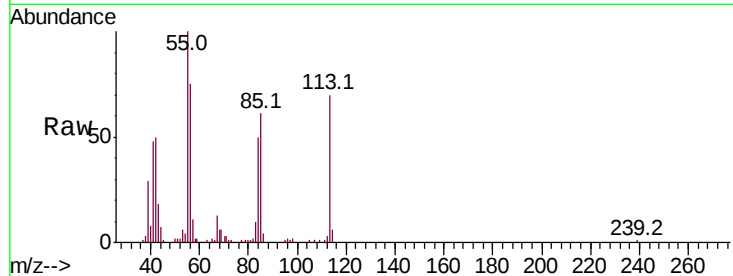
#35
 Caprolactam
 Concen: 49.270 ng/ml
 RT: 8.56 min Scan# 1100
 Delta R.T. -0.01 min
 Lab File: BF116665.D
 Acq: 30 Aug 2019 22:20

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-35-37MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	142.3	124.3	164.3
56	106.9	94.6	134.6

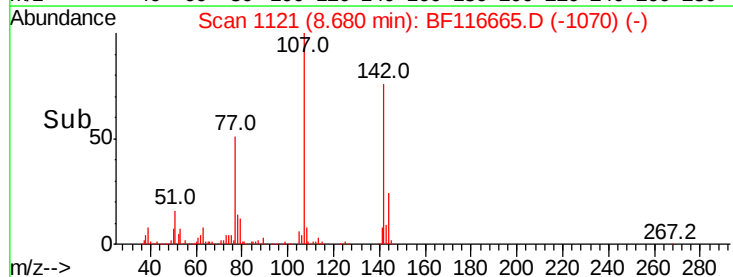
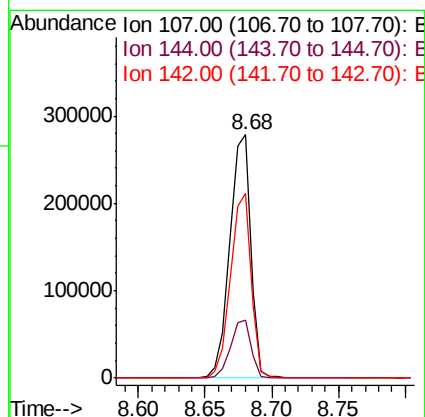
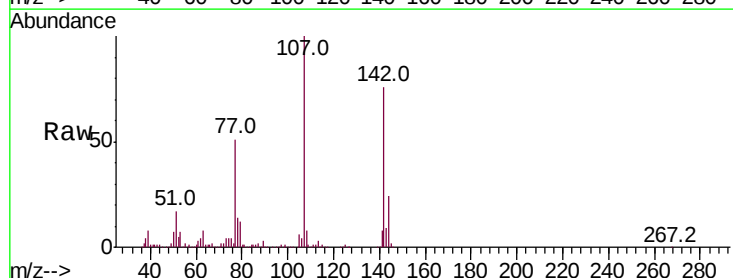
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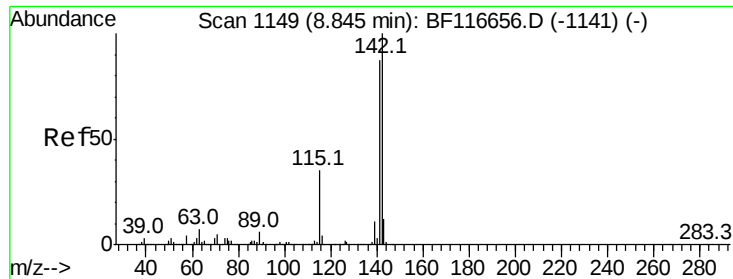
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#36
 4-Chloro-3-methylphenol
 Concen: 52.999 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. 0.00 min
 Lab File: BF116665.D
 Acq: 30 Aug 2019 22:20

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.9	18.6	27.8
142	75.9	58.5	87.7





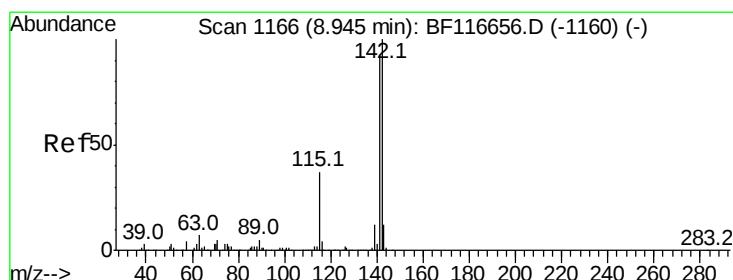
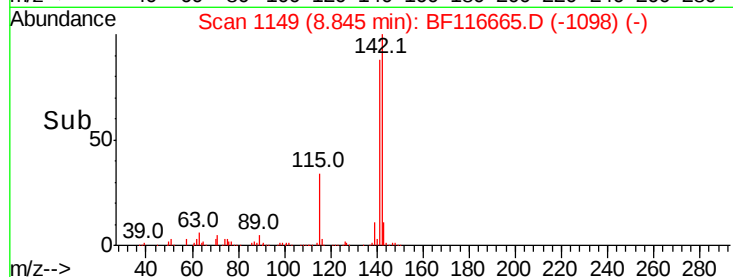
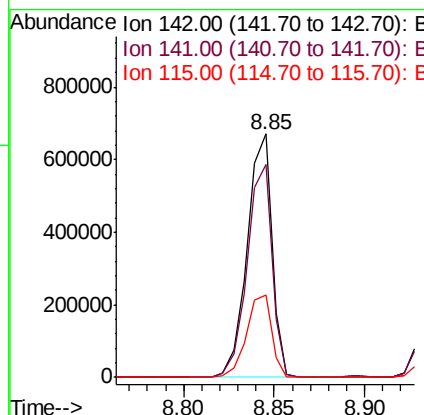
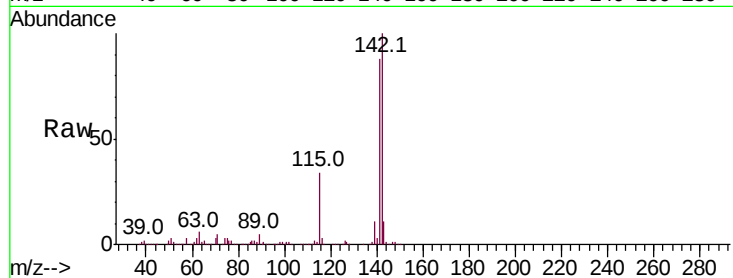
#37
2-Methylnaphthalene
Concen: 50.168 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF116665.D
Acq: 30 Aug 2019 22:20

Instrument :
BNA_F
ClientSampleId :
SB-3-35-37MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	635044		
141	87.6	72.6	109.0	
115	33.8	29.8	44.6	

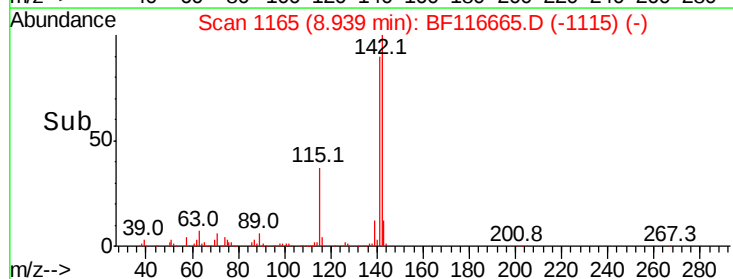
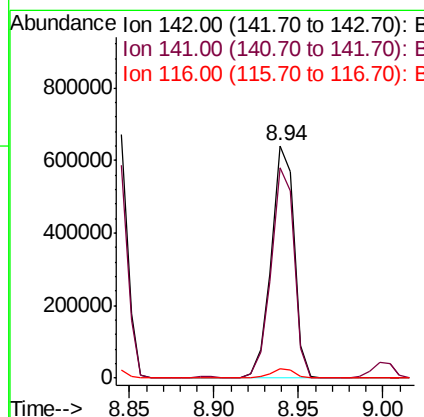
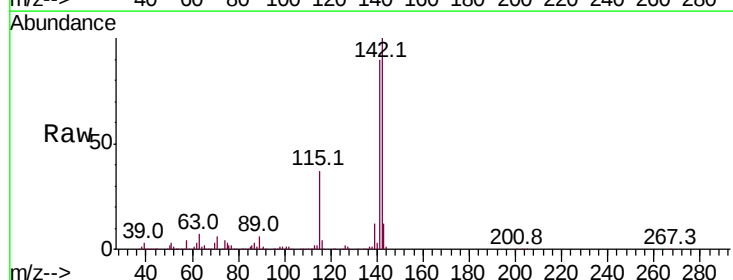
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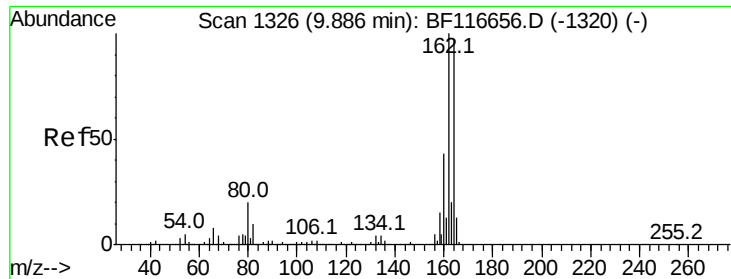
mohammad
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#38
1-Methylnaphthalene
Concen: 49.820 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF116665.D
Acq: 30 Aug 2019 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	595327		
141	90.2	73.9	110.9	
116	3.8	3.0	4.6	





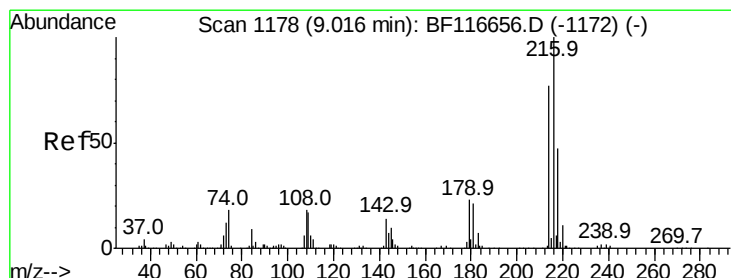
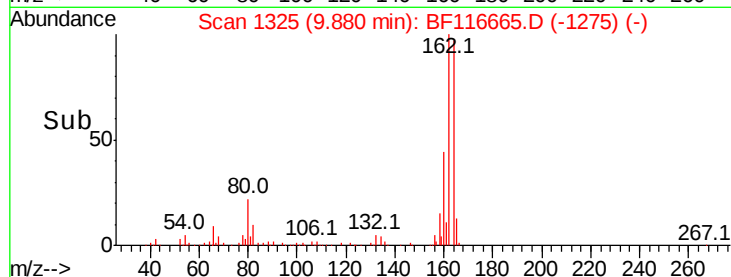
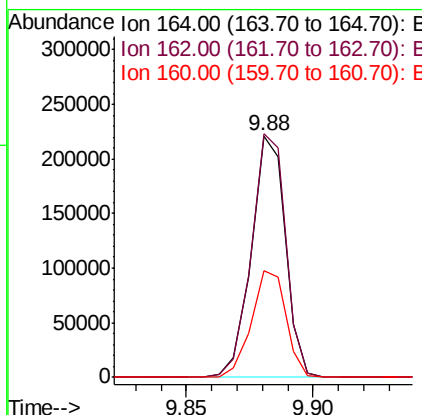
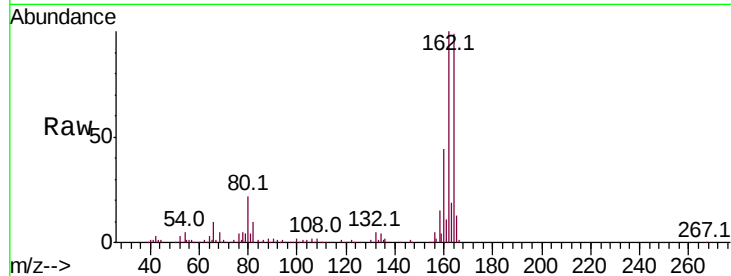
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116665.D
Acq: 30 Aug 2019 22:20

Instrument :
BNA_F
ClientSampleId :
SB-3-35-37MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	207278		
162	101.0		81.4	122.0
160	44.3		35.4	53.2

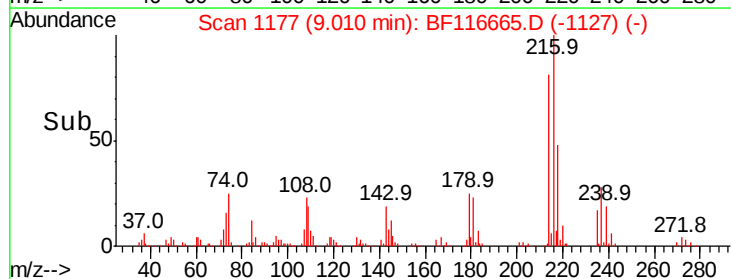
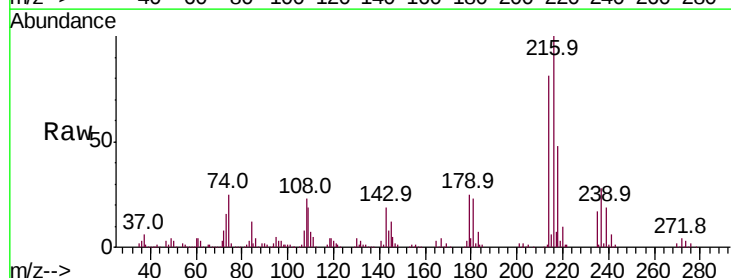
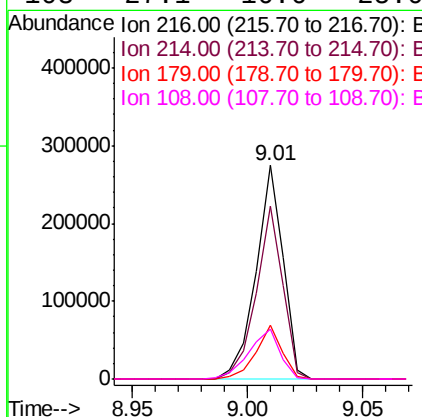
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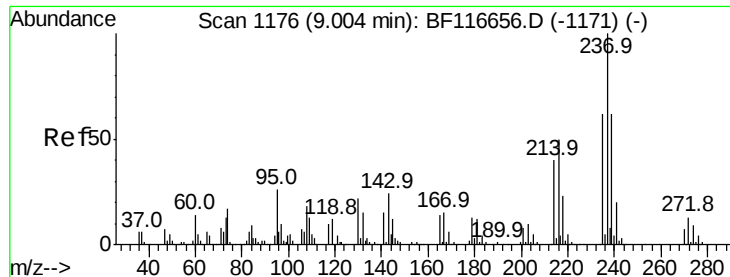
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.477 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF116665.D
Acq: 30 Aug 2019 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	225970		
214	79.1		62.7	94.1
179	24.1		19.3	28.9
108	27.1		16.6	25.0#





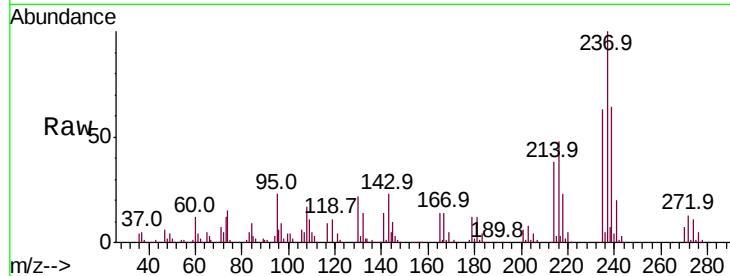
#41
Hexachlorocyclopentadiene
Concen: 91.307 ng
RT: 9.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF116665.D
Acq: 30 Aug 2019 22:20

Instrument :
BNA_F
ClientSampleId :
SB-3-35-37MS

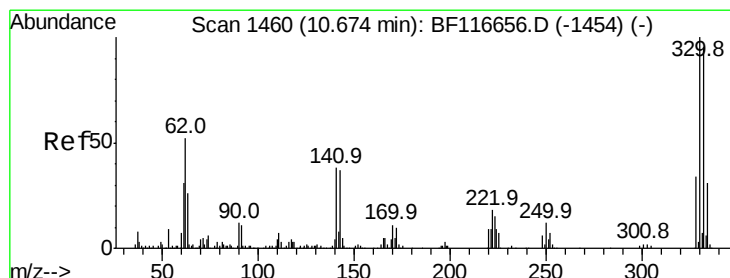
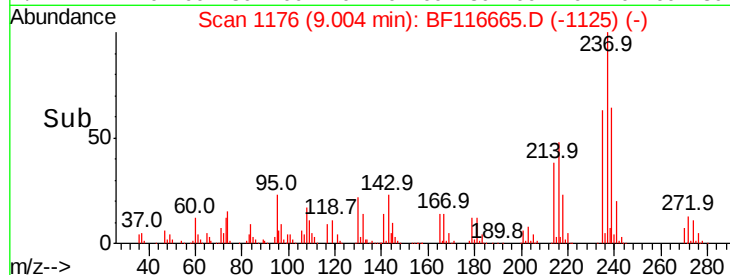
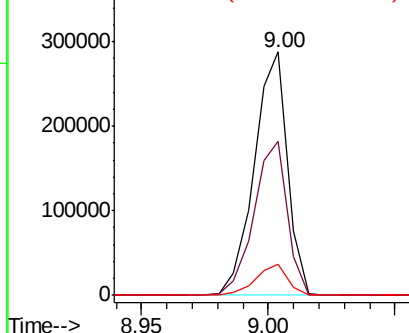
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.1	41.4	81.4
272	12.8	0.0	32.8

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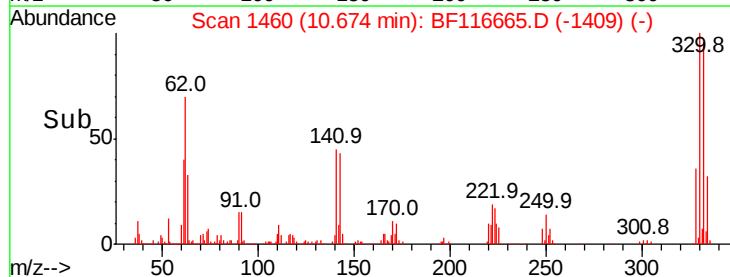
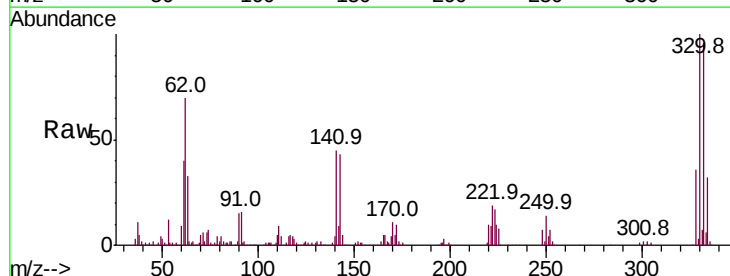
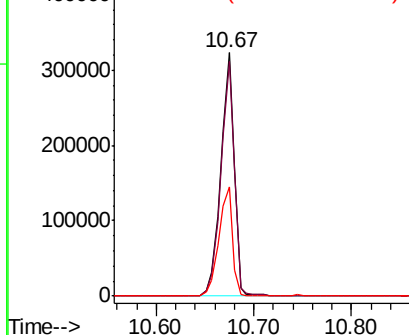
Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

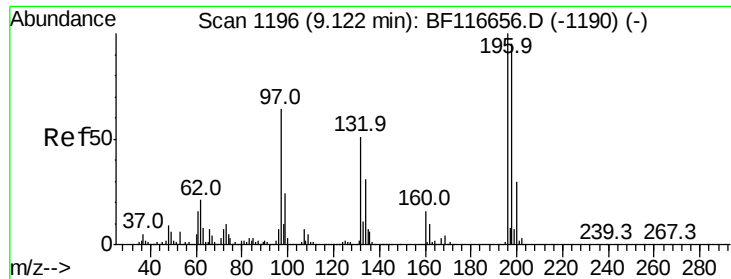


#42
2,4,6-Tribromophenol
Concen: 224.876 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BF116665.D
Acq: 30 Aug 2019 22:20

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.1	76.9	115.3
141	45.7	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





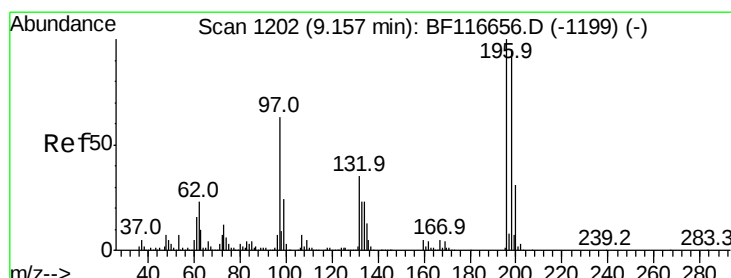
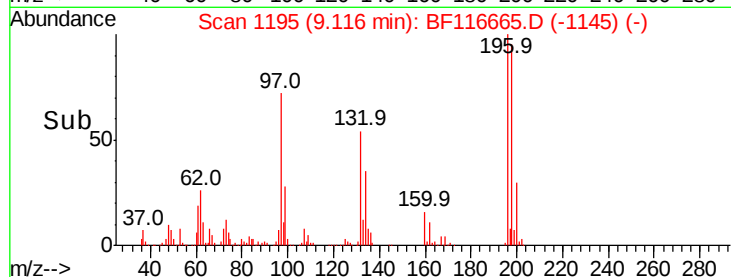
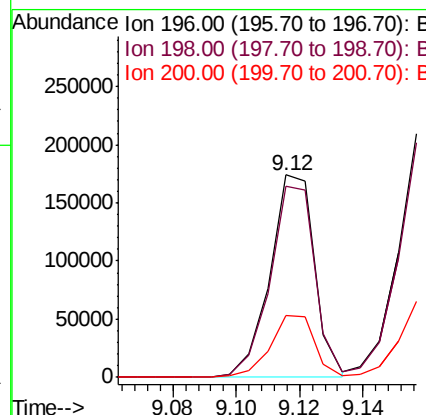
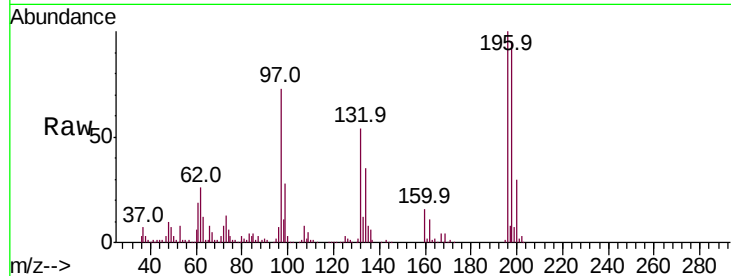
#43
 2,4,6-Trichlorophenol
 Concen: 50.071 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF116665.D
 Acq: 30 Aug 2019 22:20

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-35-37MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	170547		
198	94.8	79.1	118.7	
200	30.4	24.0	36.0	

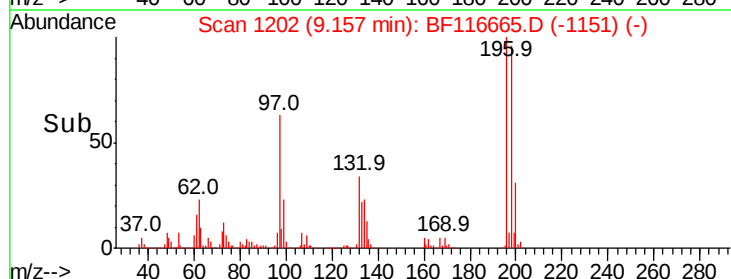
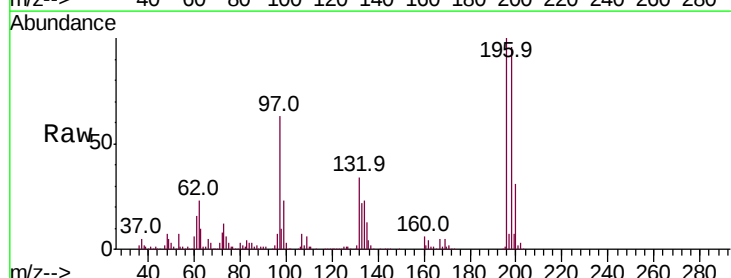
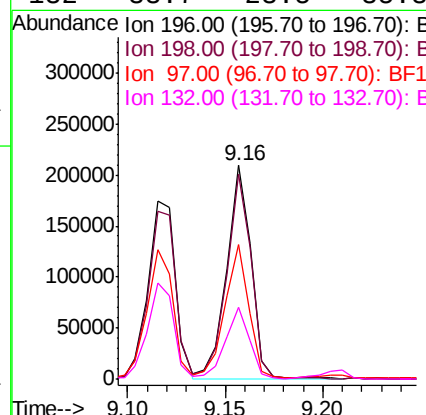
Manual Integrations
 APPROVED

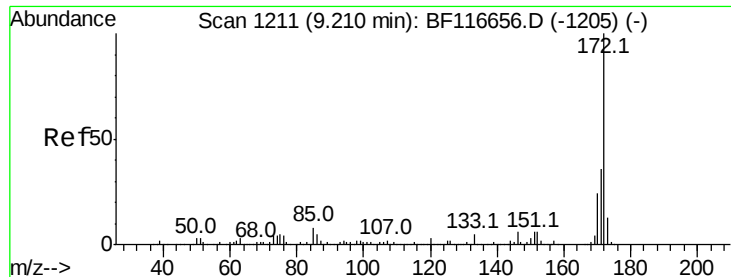
mohammad
 8/31/2019 2:45:21 PM



#44
 2,4,5-Trichlorophenol
 Concen: 51.152 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF116665.D
 Acq: 30 Aug 2019 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	180881		
198	96.2	78.1	117.1	
97	63.1	41.6	62.4	
132	33.7	23.5	35.3	





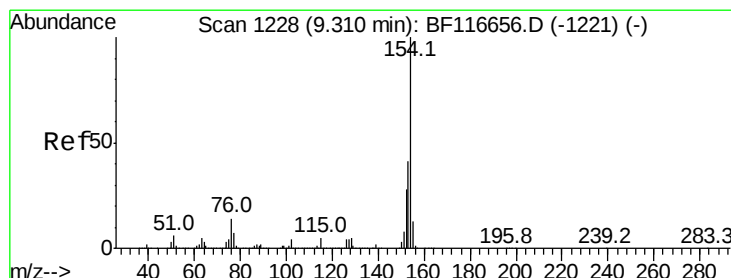
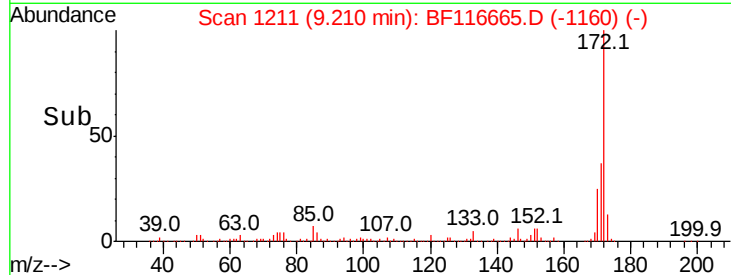
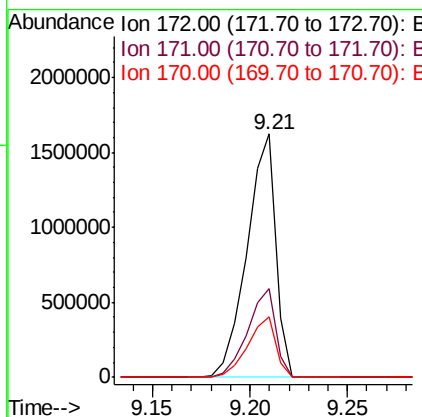
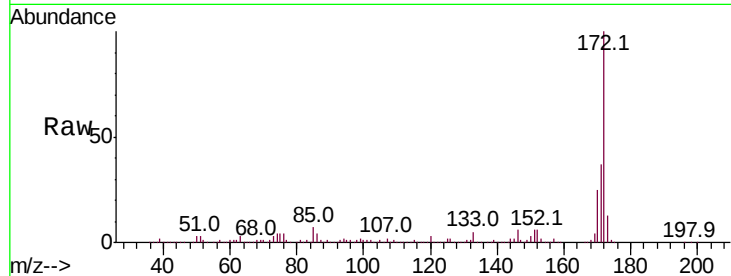
#45
2-Fluorobiphenyl
Concen: 134.449 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF116665.D
Acq: 30 Aug 2019 22:20

Instrument :
BNA_F
ClientSampleId :
SB-3-35-37MS

Tot Ion:	172	Resp:	1652051
Ion	Ratio	Lower	Upper
172	100		
171	36.7	27.8	41.6
170	24.7	18.9	28.3

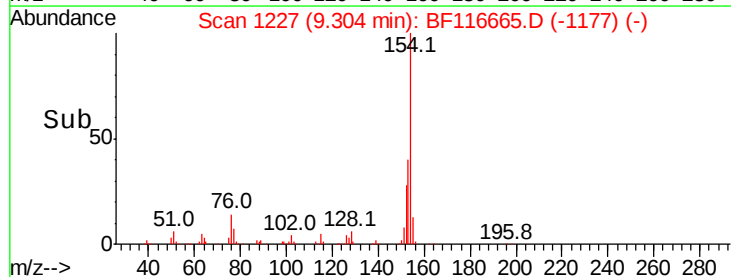
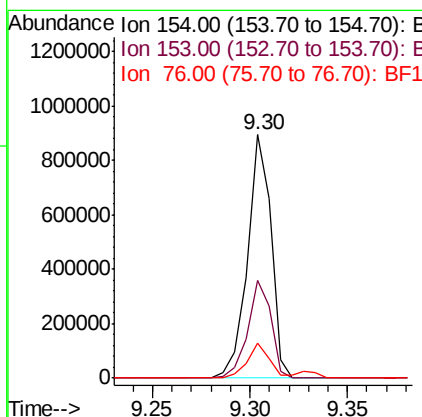
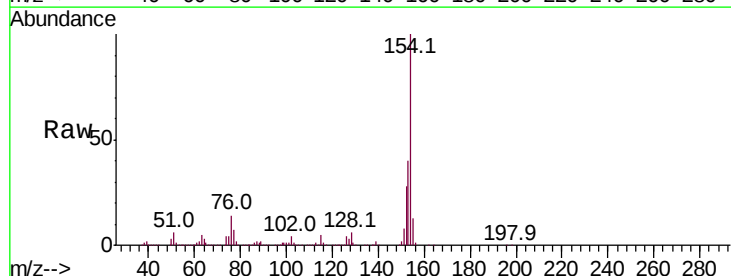
Manual Integrations
APPROVED

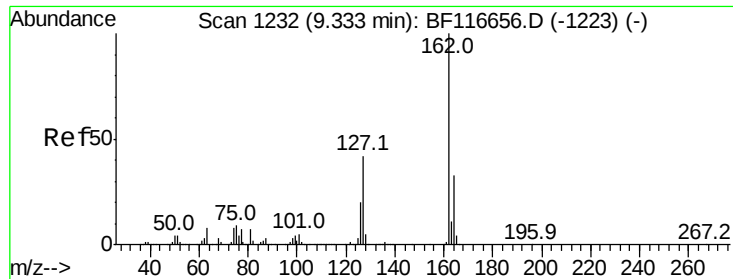
mohammad
8/31/2019 2:45:21 PM



#46
1,1'-Biphenyl
Concen: 47.495 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF116665.D
Acq: 30 Aug 2019 22:20

Tgt Ion:	154	Resp:	747019
Ion	Ratio	Lower	Upper
154	100		
153	39.9	21.2	61.2
76	14.3	0.0	30.9





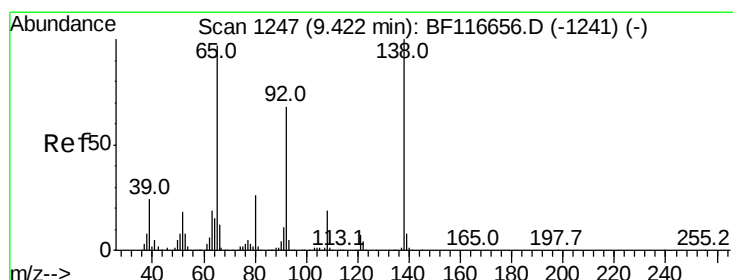
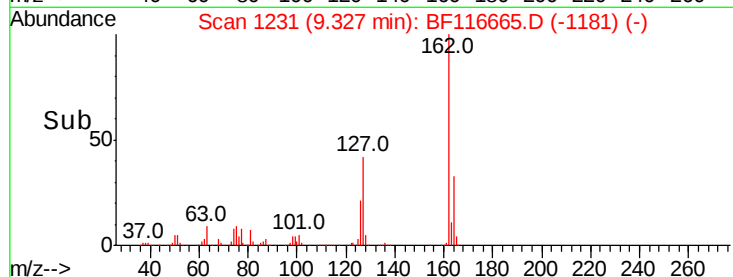
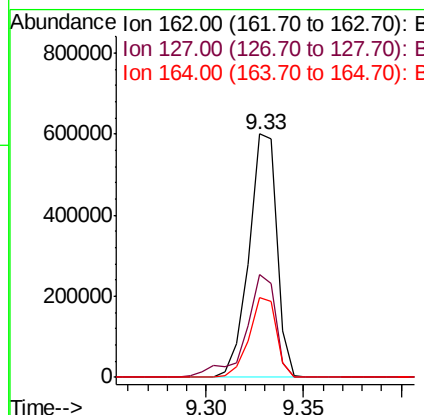
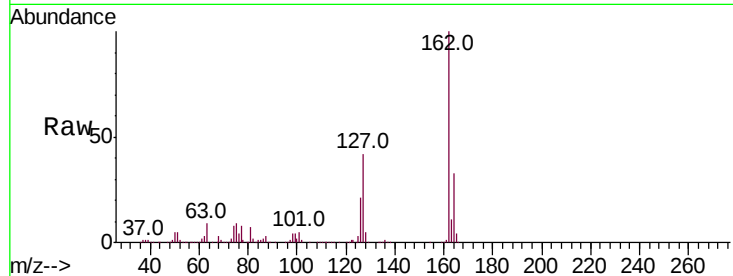
#47
2-Chloronaphthalene
Concen: 47.685 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF116665.D
Acq: 30 Aug 2019 22:20

Instrument :
BNA_F
ClientSampleId :
SB-3-35-37MS

Tot Ion:	162	Resp:	594037
Ion Ratio	Lower	Upper	
162	100		
127	42.5	33.4	50.2
164	32.9	26.6	39.8

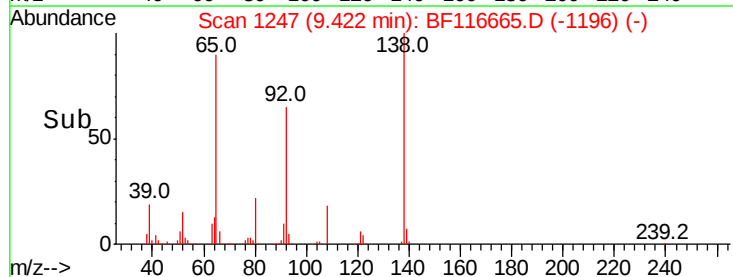
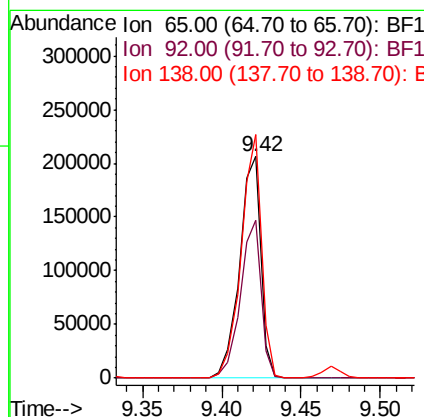
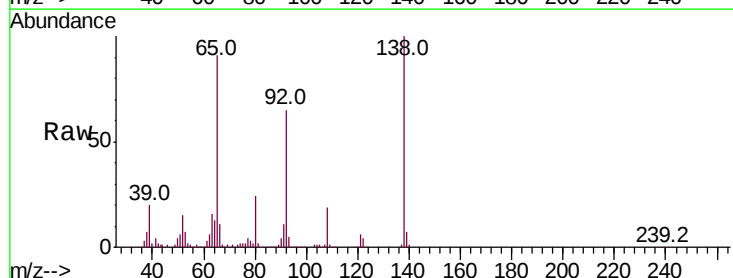
Manual Integrations
APPROVED

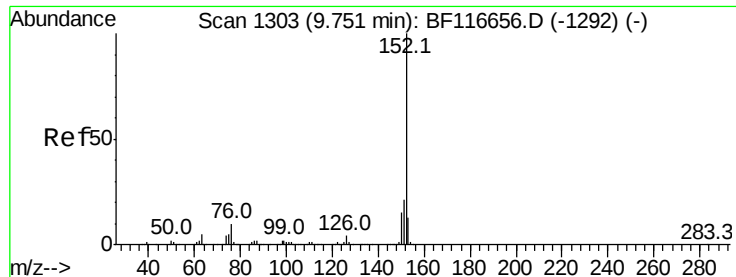
mohammad
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#48
2-Nitroaniline
Concen: 53.142 ng
RT: 9.42 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BF116665.D
Acq: 30 Aug 2019 22:20

Tgt Ion:	65	Resp:	191392
Ion Ratio	Lower	Upper	
65	100		
92	71.0	57.1	85.7
138	109.8	88.2	132.2





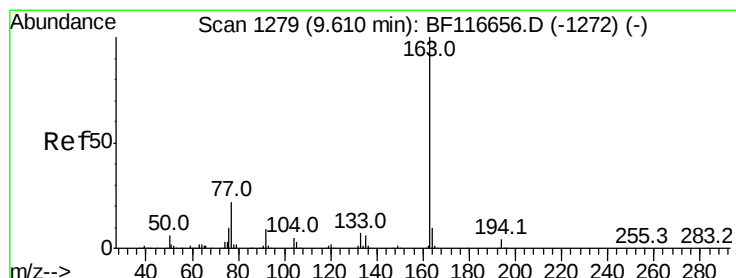
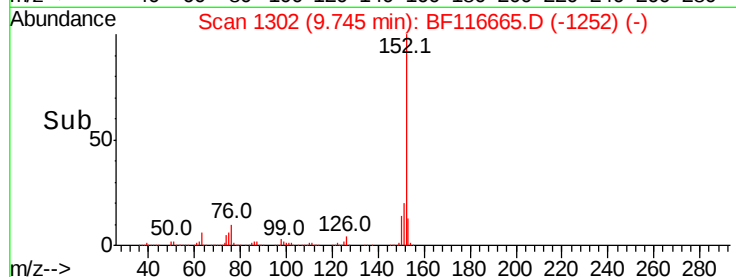
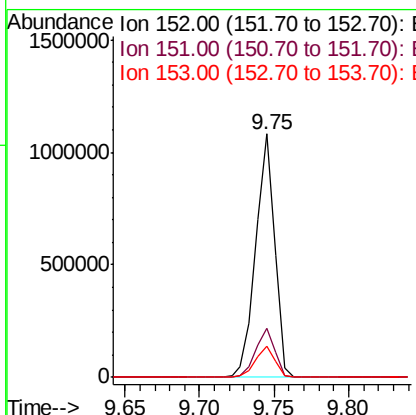
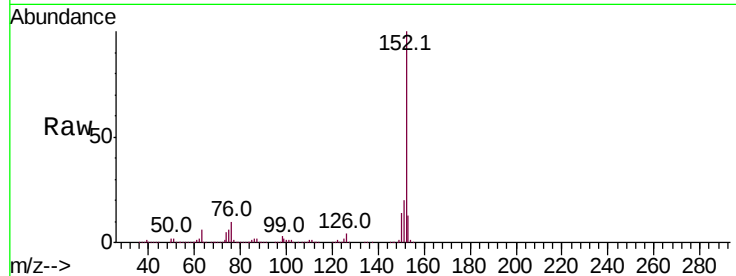
#49
Acenaphthylene
Concen: 50.030 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF116665.D
Acq: 30 Aug 2019 22:20

Instrument :
BNA_F
ClientSampleId :
SB-3-35-37MS

Tot Ion	Ratio	Resp	Lower	Upper
152	100	942130		
151	20.4		15.9	23.9
153	13.0		10.9	16.3

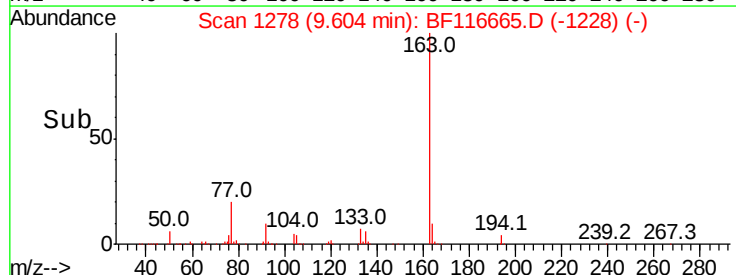
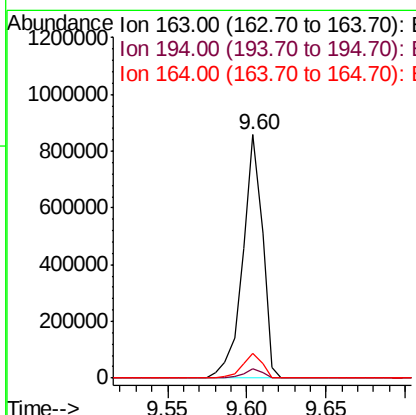
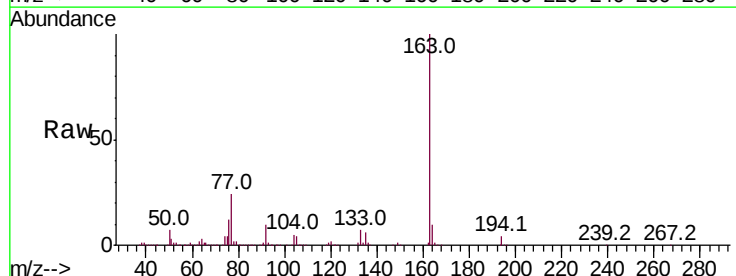
Manual Integrations
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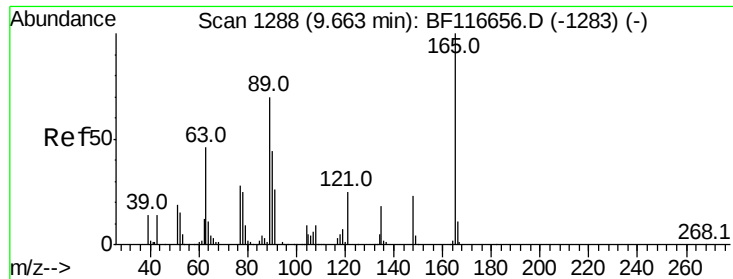
mohammad
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#50
Dimethylphthalate
Concen: 51.526 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF116665.D
Acq: 30 Aug 2019 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	737364		
194	3.7		2.8	4.2
164	10.3		8.6	12.8





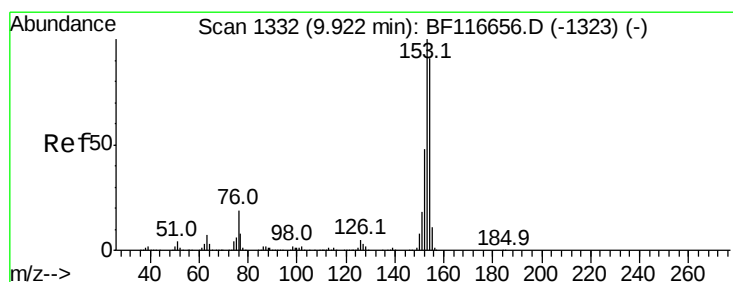
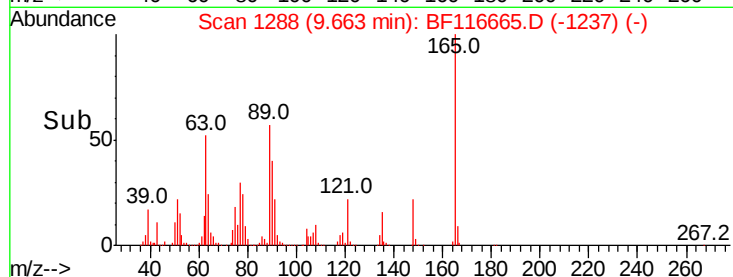
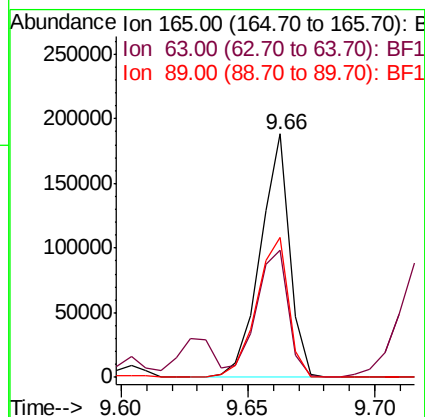
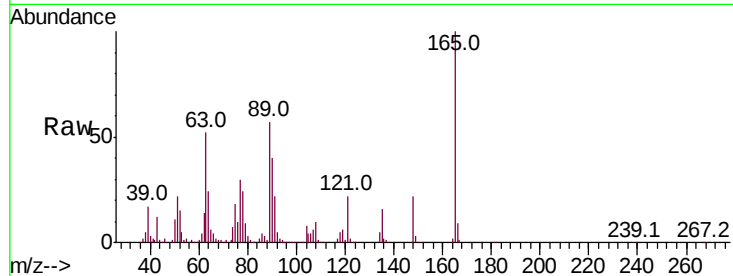
#51
 2,6-Dinitrotoluene
 Concen: 55.347 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: BF116665.D
 Acq: 30 Aug 2019 22:20

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-35-37MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	151115		
63	52.1	47.3	70.9	
89	57.4	52.5	78.7	

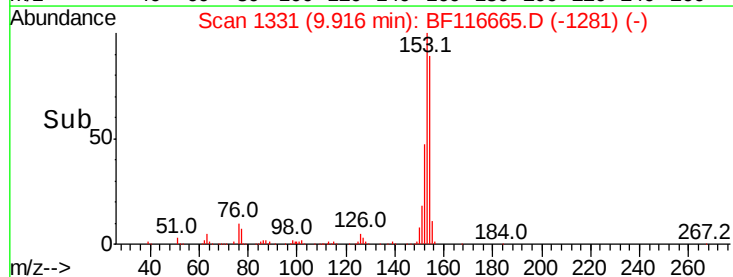
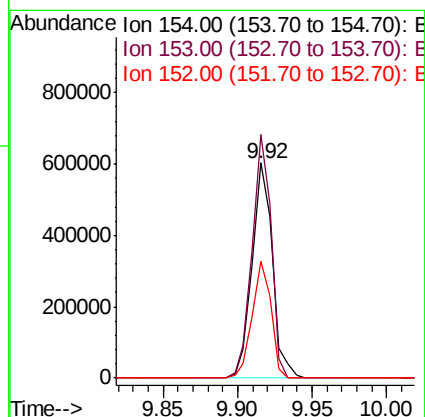
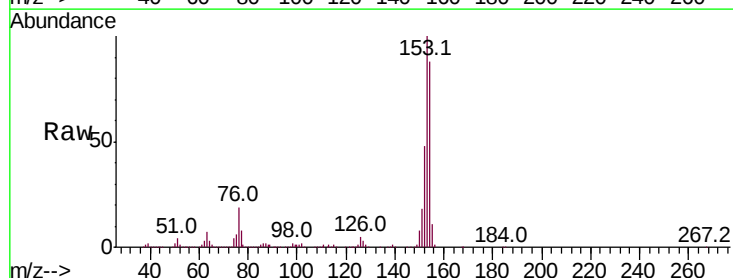
Manual Integrations
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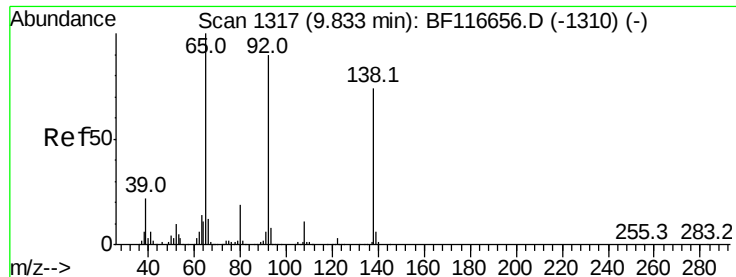
mohammad
 8/31/2019 2:45:21 PM



#52
 Acenaphthene
 Concen: 48.774 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF116665.D
 Acq: 30 Aug 2019 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	564345		
153	113.0	89.5	134.3	
152	54.2	41.9	62.9	





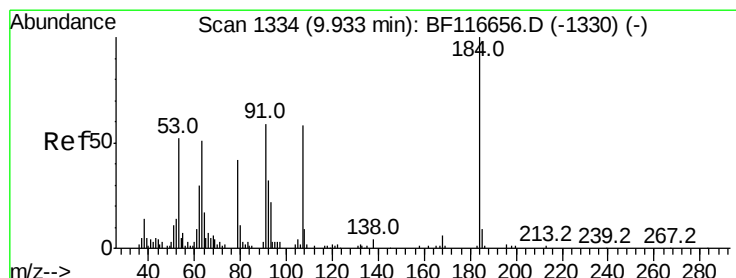
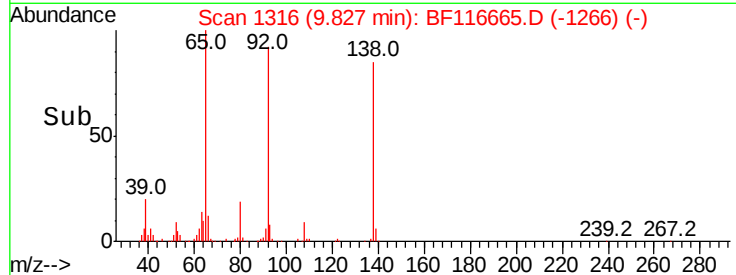
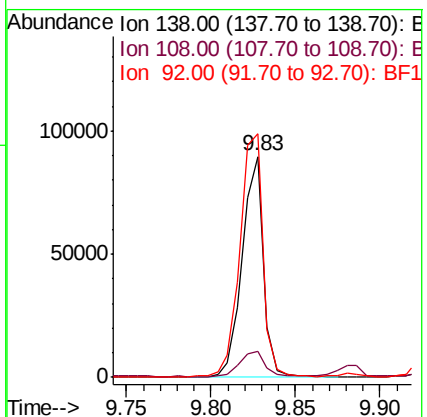
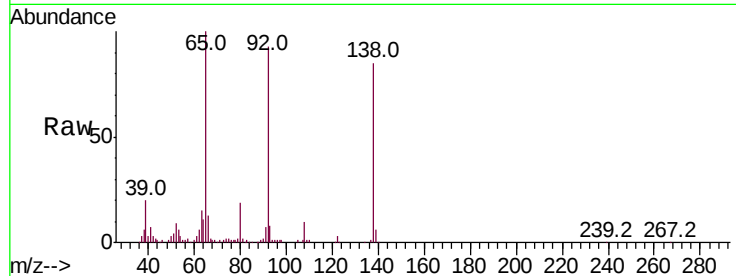
#53
3-Nitroaniline
Concen: 23.094 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF116665.D
Acq: 30 Aug 2019 22:20

Instrument :
BNA_F
ClientSampled :
SB-3-35-37MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.7	8.5	12.7
92	110.1	87.2	130.8

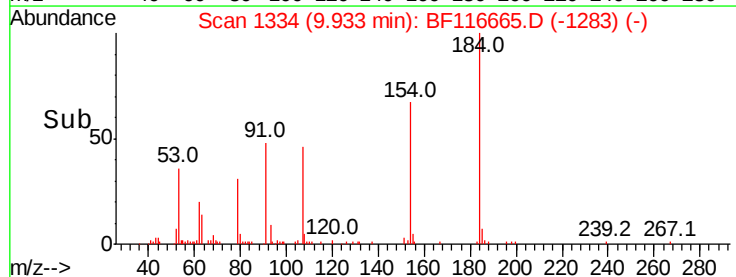
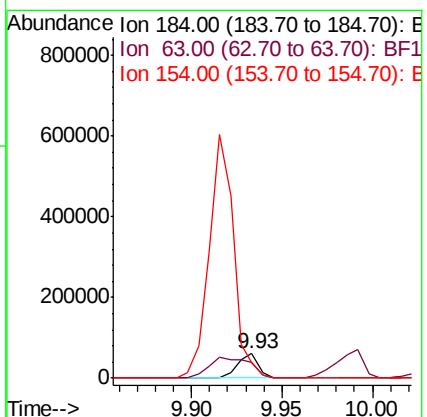
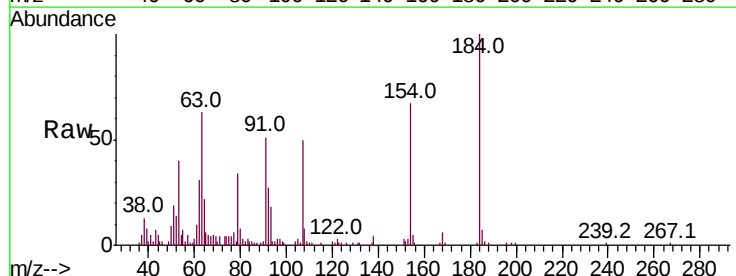
Manual Integrations
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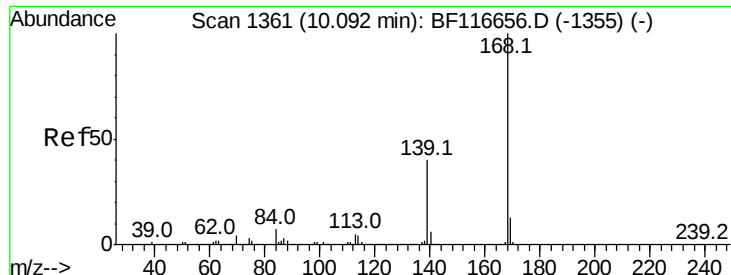
mohammad
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#54
2,4-Dinitrophenol
Concen: 54.096 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF116665.D
Acq: 30 Aug 2019 22:20

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.7	52.2	78.2
154	66.6	60.8	91.2





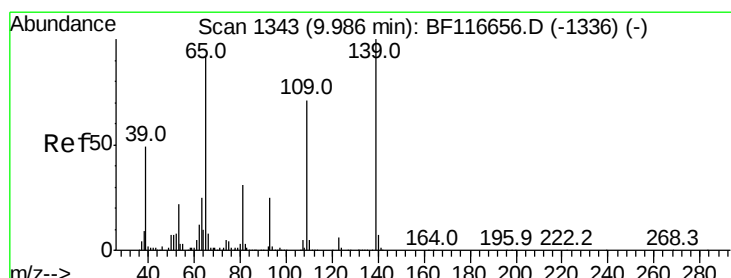
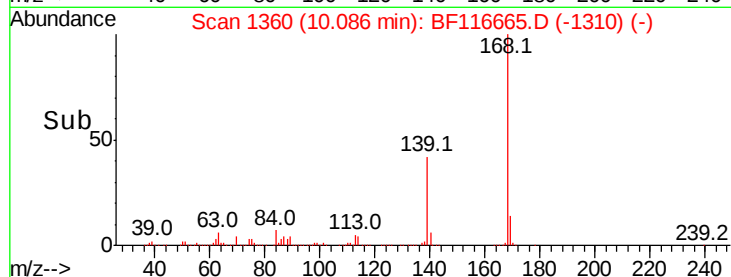
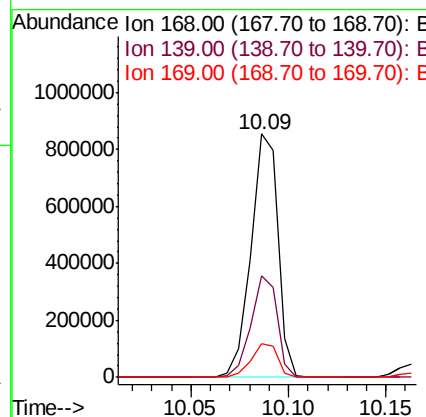
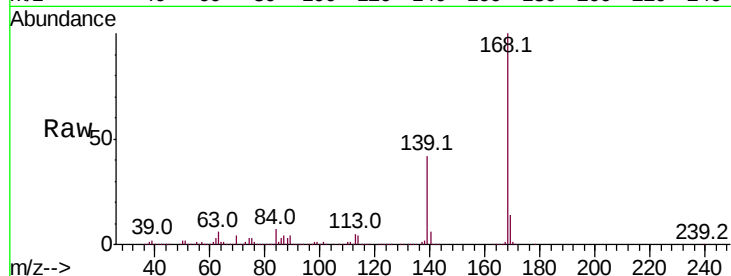
#55
Dibenzofuran
Concen: 50.282 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF116665.D
Acq: 30 Aug 2019 22:20

Instrument :
BNA_F
ClientSampled :
SB-3-35-37MS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	820165		
139	41.8		31.5	47.3
169	13.7		10.3	15.5

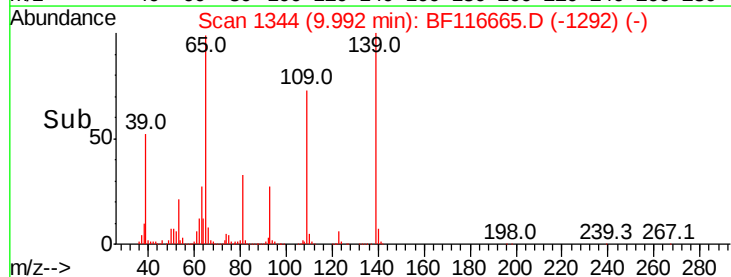
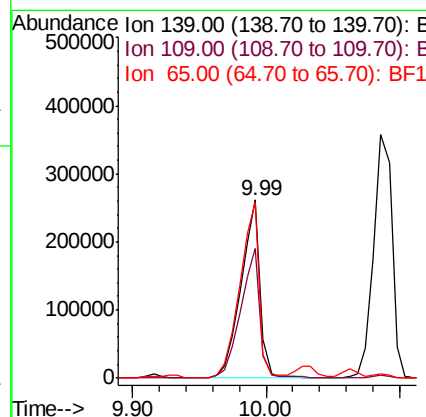
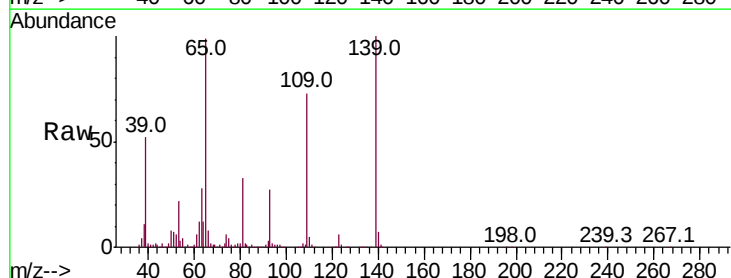
Manual Integrations
APPROVED

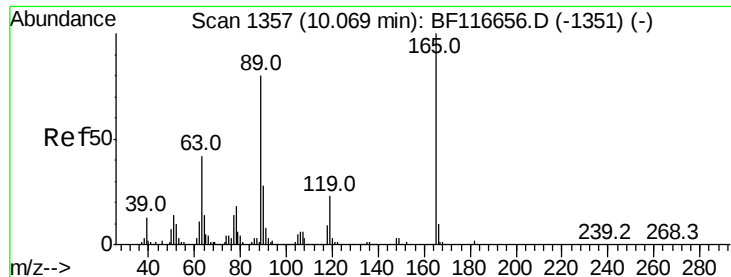
mohammad
8/31/2019 2:45:21 PM



#56
4-Nitrophenol
Concen: 111.698 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF116665.D
Acq: 30 Aug 2019 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	262061		
109	73.1		61.7	101.7
65	98.8		89.1	129.1





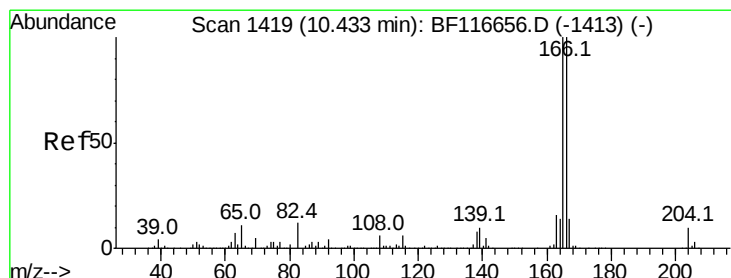
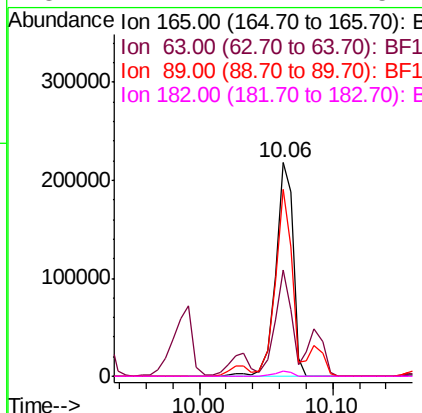
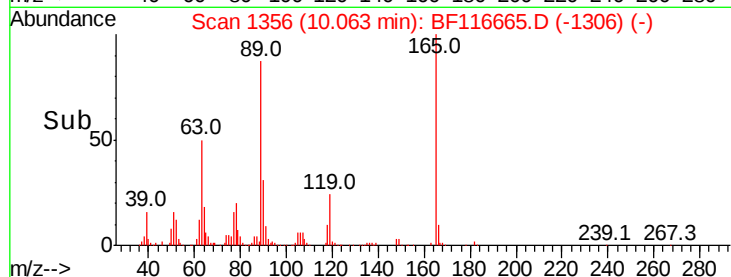
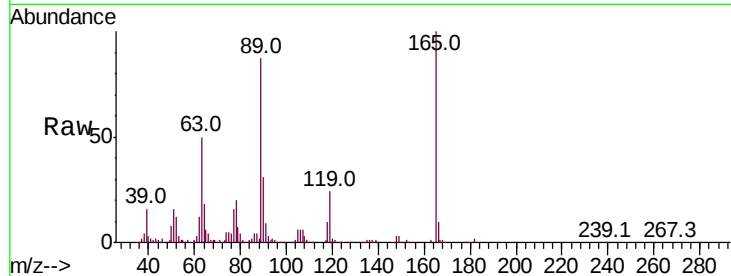
#57
2,4-Dinitrotoluene
Concen: 60.268 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF116665.D
Acq: 30 Aug 2019 22:20

Instrument :
BNA_F
ClientSampleId :
SB-3-35-37MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	201207		
63	50.0	36.4	54.6	
89	87.3	62.6	94.0	
182	2.1	2.1	3.1	

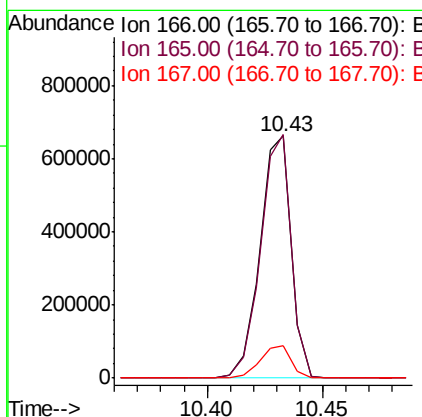
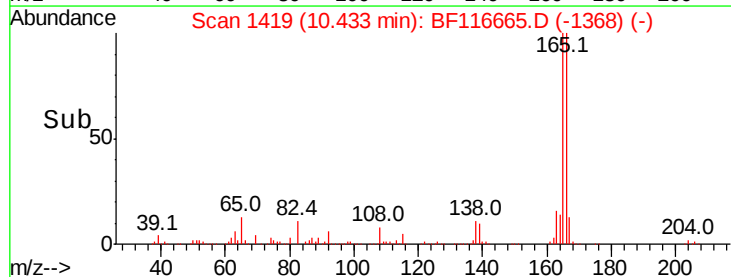
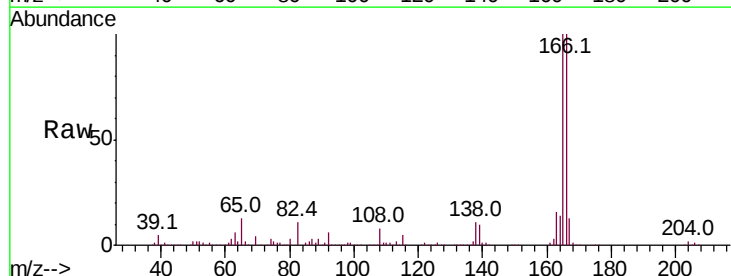
Manual Integrations
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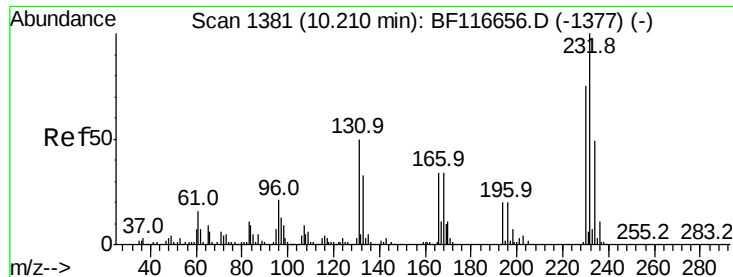
mohammad
8/31/2019 2:45:21 PM



#58
Fluorene
Concen: 50.020 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF116665.D
Acq: 30 Aug 2019 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	621674		
165	100.5	78.8	118.2	
167	13.2	10.0	15.0	





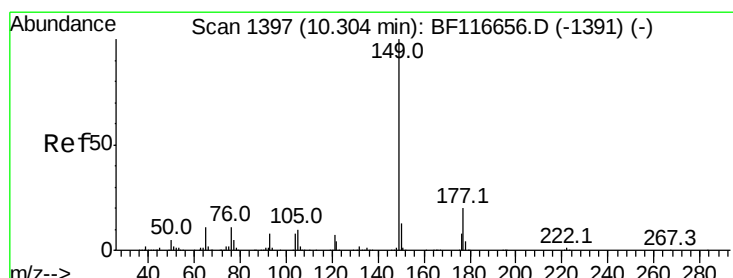
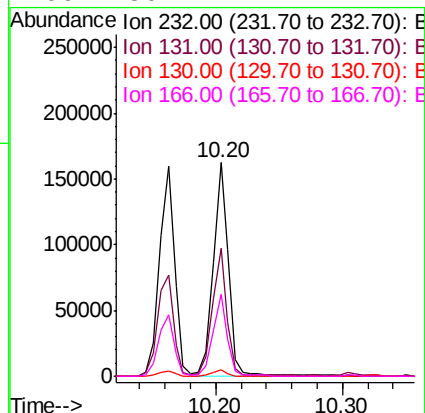
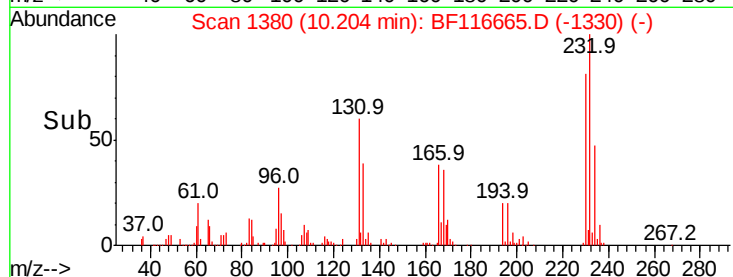
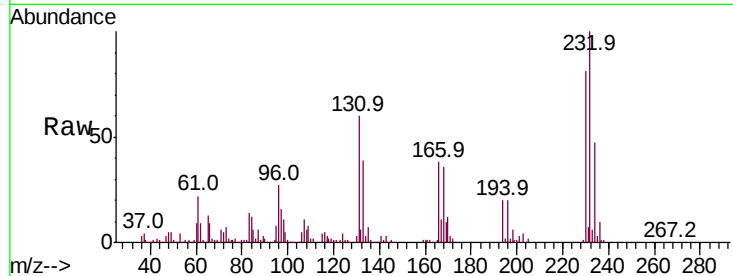
#59
2,3,4,6-Tetrachlorophenol
Concen: 53.923 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF116665.D
Acq: 30 Aug 2019 22:20

Instrument :
BNA_F
ClientSampleId :
SB-3-35-37MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	137617		
131	58.1	42.7	64.1	
130	2.8	1.9	2.9	
166	36.7	27.4	41.2	

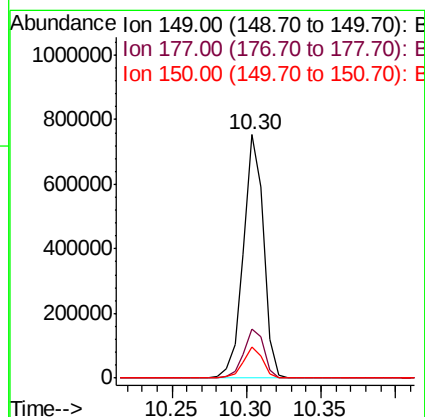
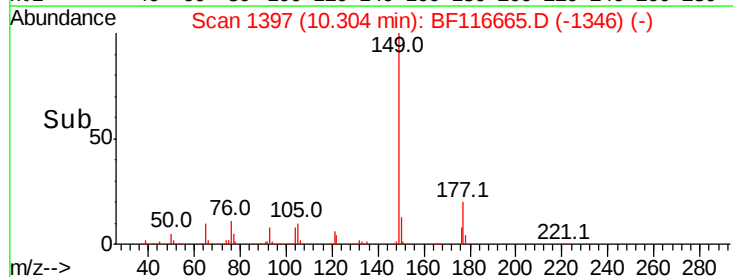
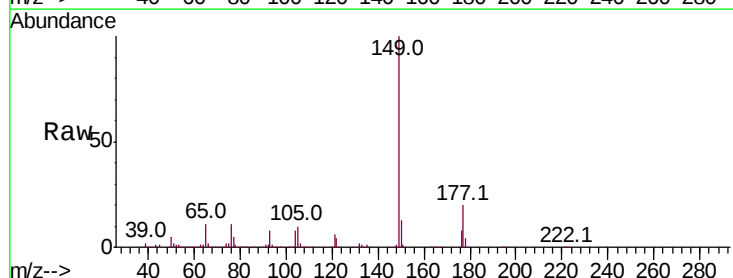
Manual Integrations
APPROVED

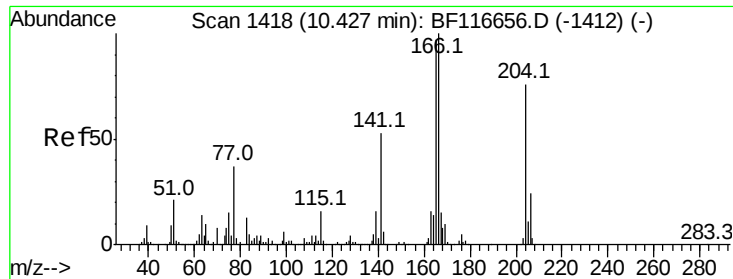
mohammad
8/31/2019 2:45:21 PM



#60
Diethylphthalate
Concen: 49.228 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF116665.D
Acq: 30 Aug 2019 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	705667		
177	20.1	17.2	25.8	
150	12.8	9.7	14.5	





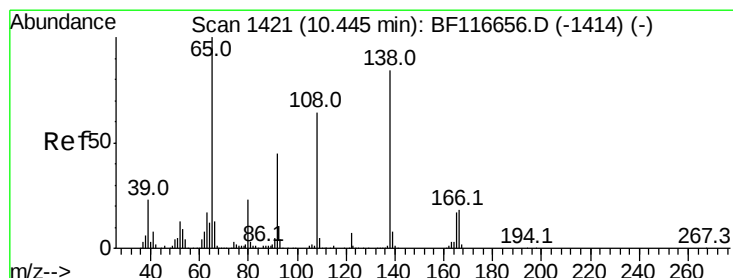
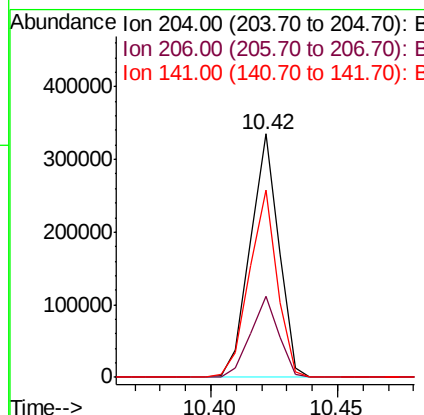
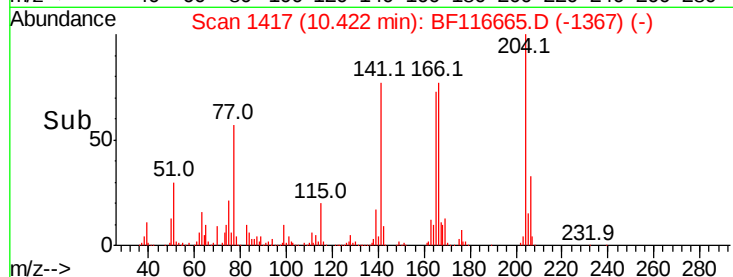
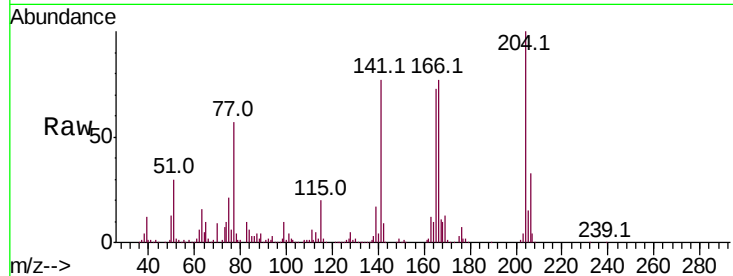
#61
4-Chlorophenyl-phenylether
Concen: 48.528 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF116665.D
Acq: 30 Aug 2019 22:20

Instrument :
BNA_F
ClientSampleId :
SB-3-35-37MS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	264110		
206	33.1	25.4	38.2	
141	77.1	53.8	80.8	

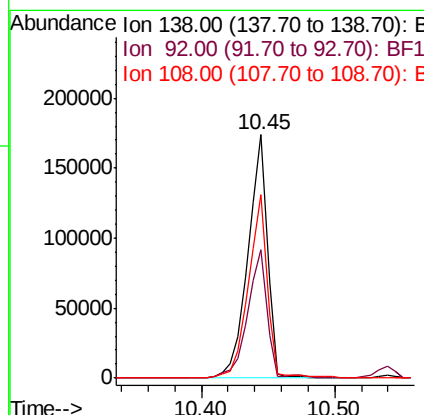
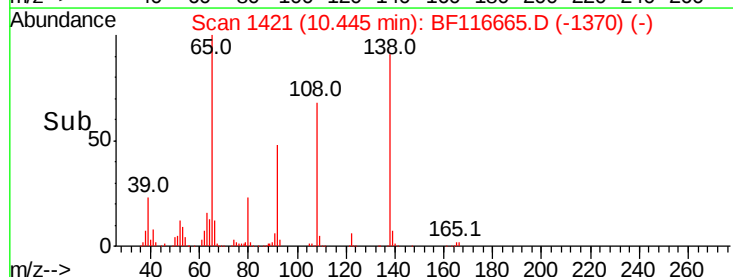
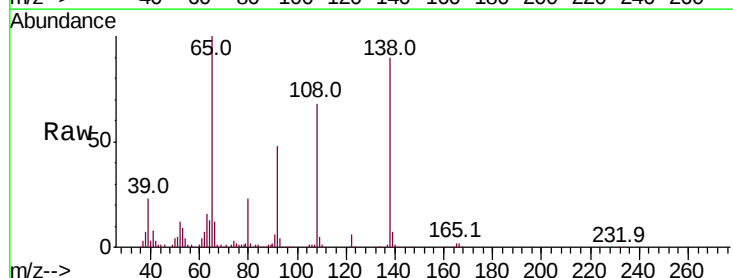
Manual Integrations
APPROVED

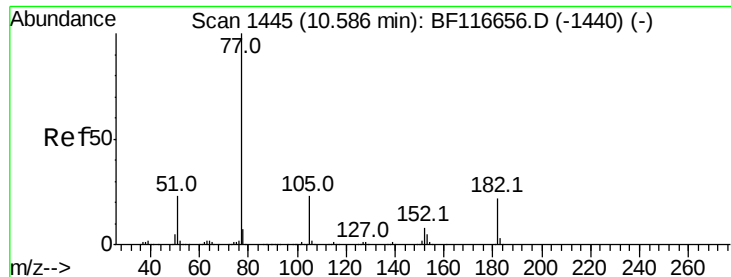
mohammad
8/31/2019 2:45:21 PM



#62
4-Nitroaniline
Concen: 52.591 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF116665.D
Acq: 30 Aug 2019 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	174632		
92	52.9	28.7	68.7	
108	75.5	60.4	100.4	





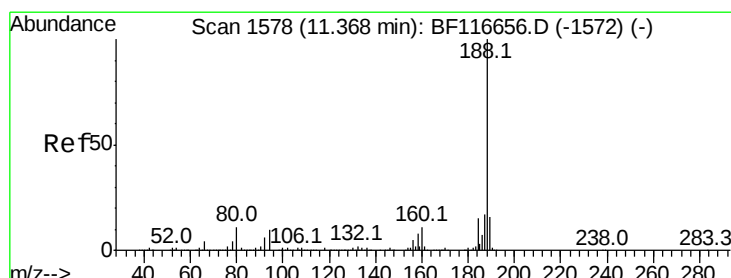
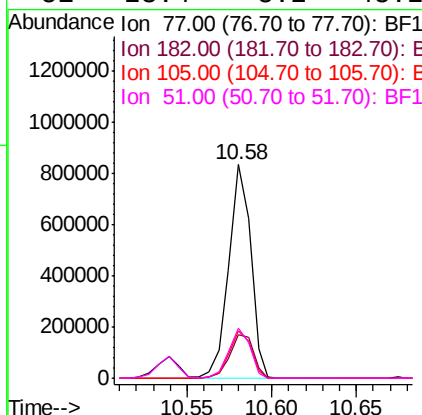
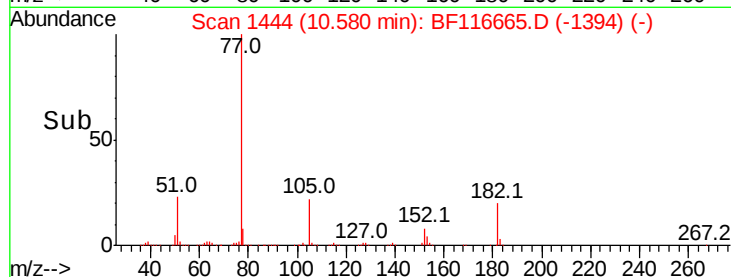
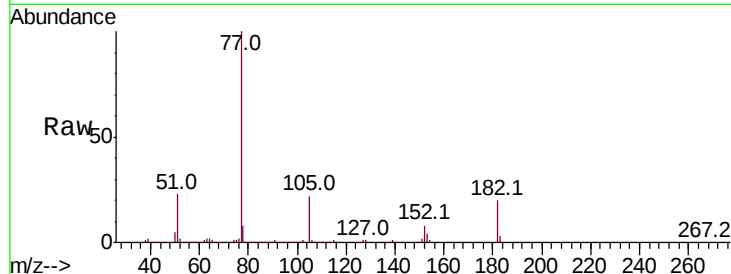
#63
Azobenzene
Concen: 50.581 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF116665.D
Acq: 30 Aug 2019 22:20

Instrument :
BNA_F
ClientSampleId :
SB-3-35-37MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	20.4	1.2	41.2
105	22.0	0.6	40.6
51	23.4	8.2	48.2

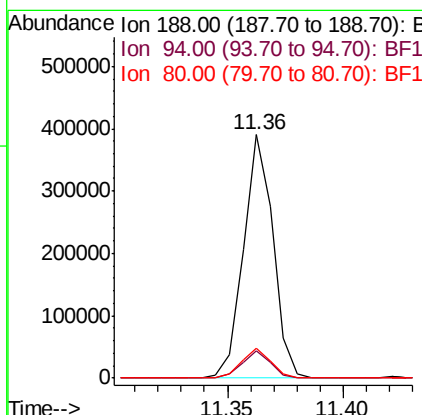
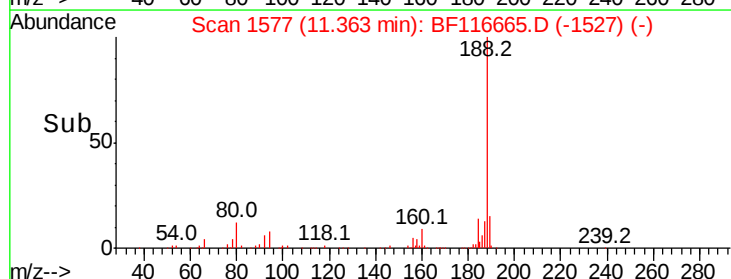
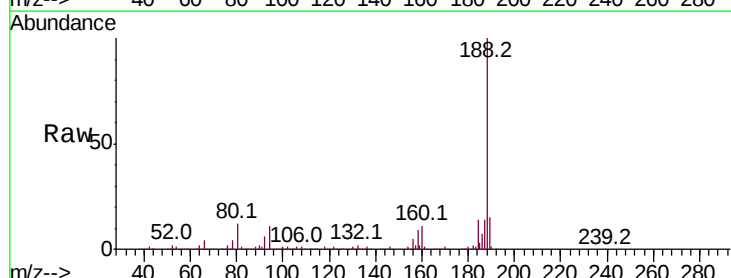
Manual Integrations
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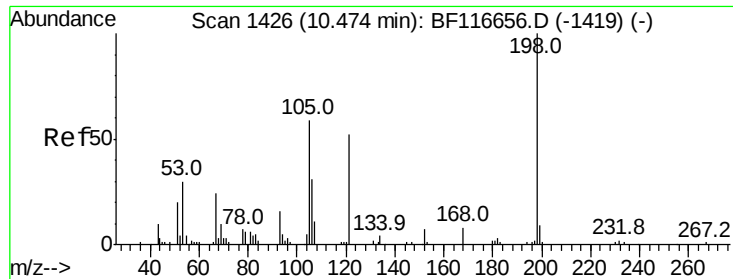
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116665.D
Acq: 30 Aug 2019 22:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.1	7.3	10.9#
80	12.3	8.4	12.6





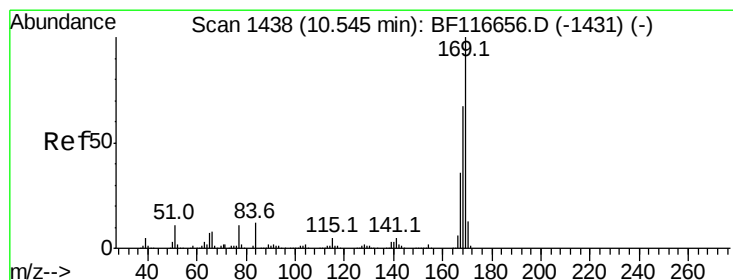
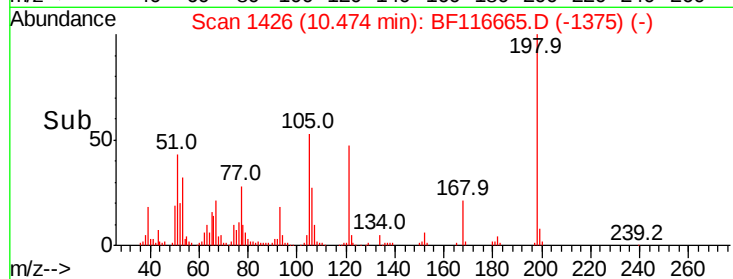
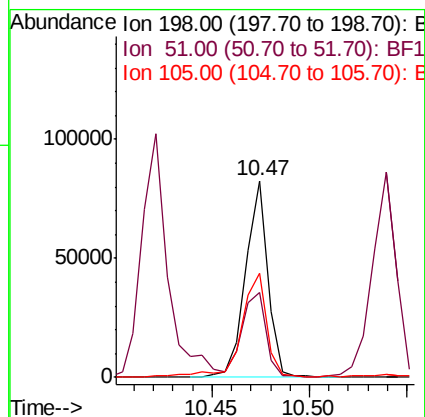
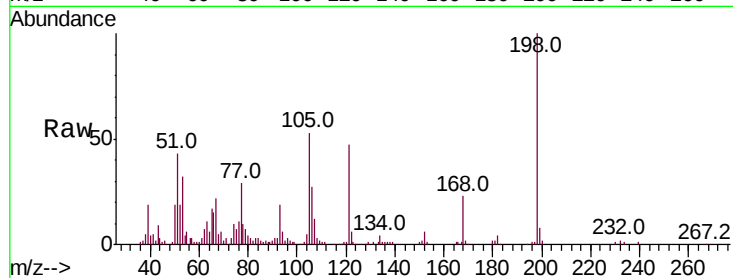
#65
4,6-Dinitro-2-methylphenol
Concen: 50.413 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF116665.D
Acq: 30 Aug 2019 22:20

Instrument :
BNA_F
ClientSampleId :
SB-3-35-37MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	65289		
51	43.1		18.4	58.4
105	53.0		22.9	62.9

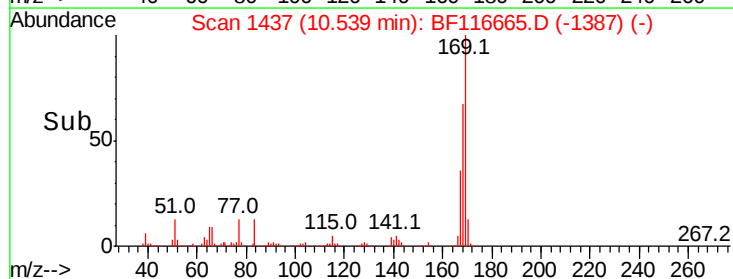
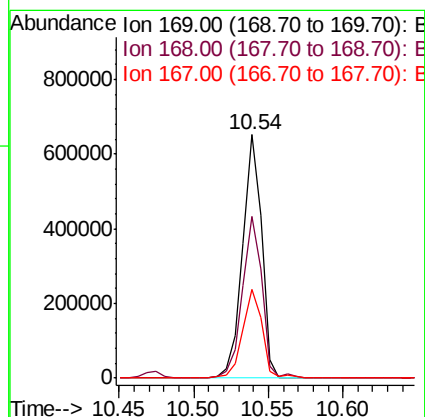
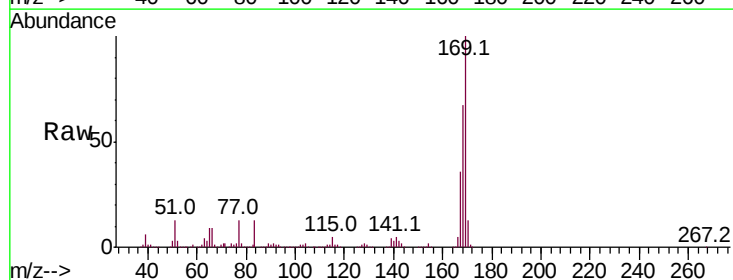
Manual Integrations
APPROVED

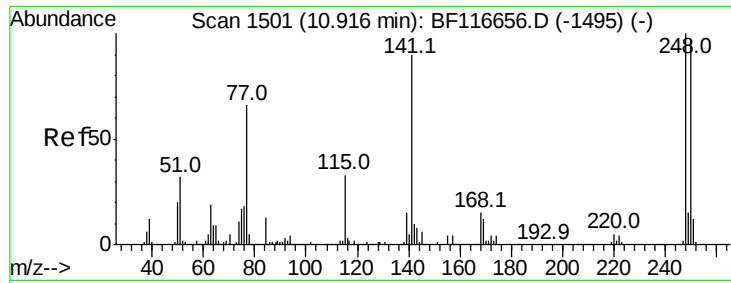
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 48.270 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF116665.D
Acq: 30 Aug 2019 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	582062		
168	66.6		55.8	83.6
167	36.3		29.4	44.2





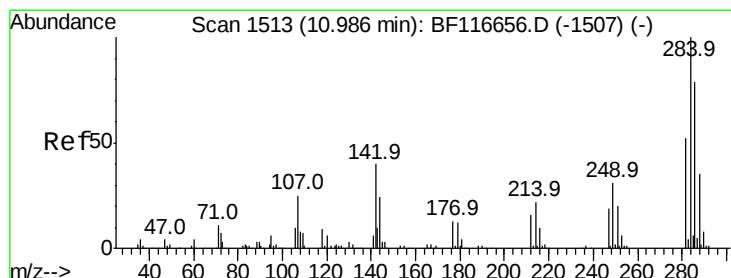
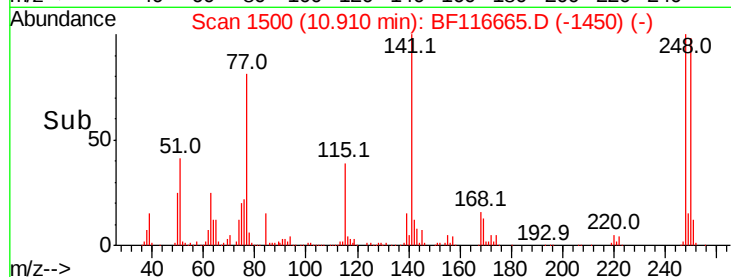
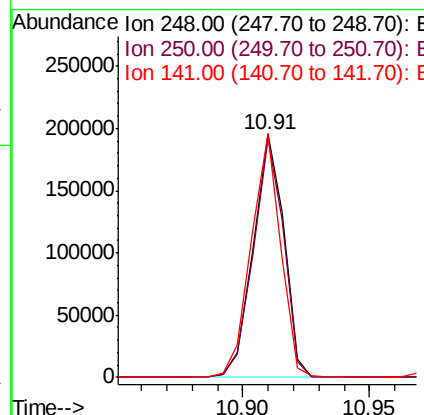
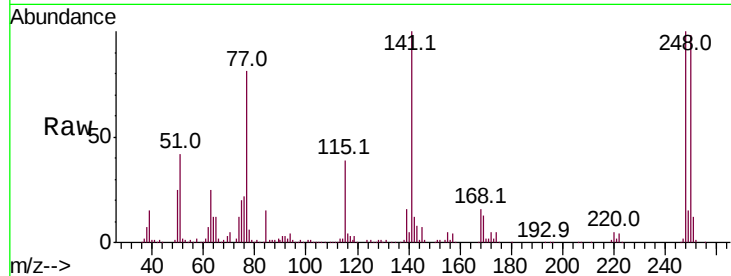
#67
 4-Bromophenyl-phenylether
 Concen: 46.335 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BF116665.D
 Acq: 30 Aug 2019 22:20

Instrument :
 BNA_F
 ClientSampled :
 SB-3-35-37MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	77.8	116.8
141	100.1	75.9	113.9

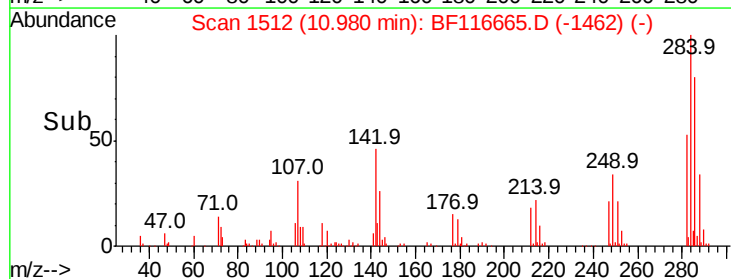
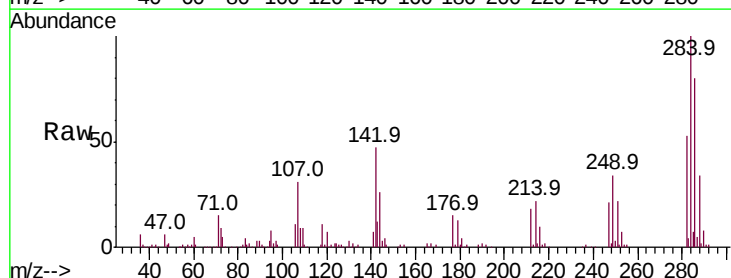
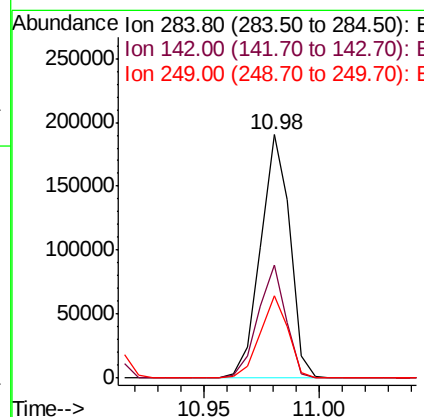
Manual Integrations
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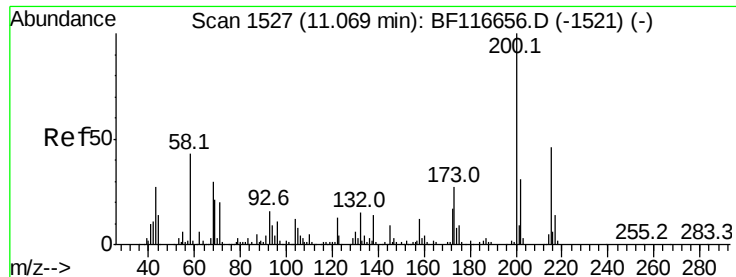
mohammad
 8/31/2019 2:45:21 PM



#68
 Hexachlorobenzene
 Concen: 45.567 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. -0.01 min
 Lab File: BF116665.D
 Acq: 30 Aug 2019 22:20

Tgt Ion	Ratio	Lower	Upper
284	100		
142	46.7	34.0	51.0
249	34.0	26.4	39.6





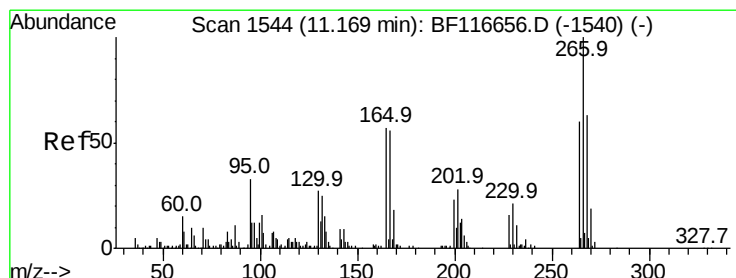
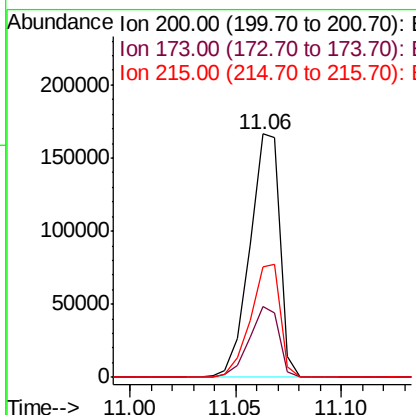
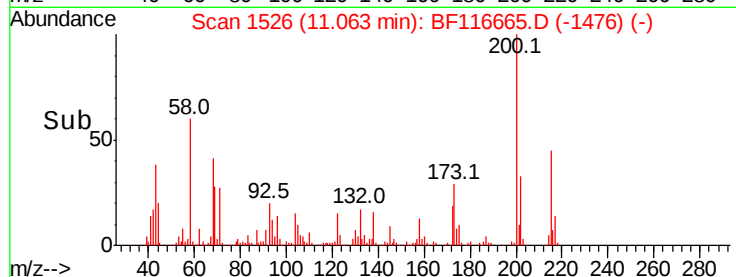
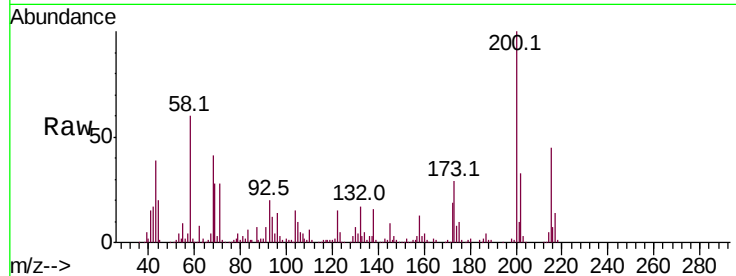
#69
Atrazine
Concen: 48.988 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF116665.D
Acq: 30 Aug 2019 22:20

Instrument :
BNA_F
ClientSampleId :
SB-3-35-37MS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.9	6.2	46.2
215	45.4	24.3	64.3

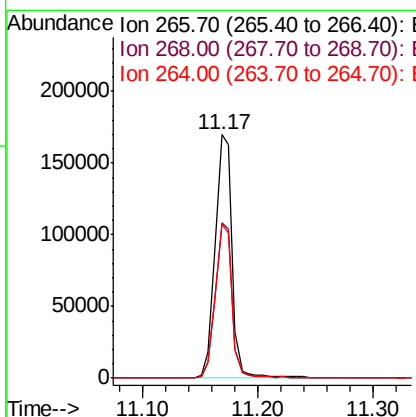
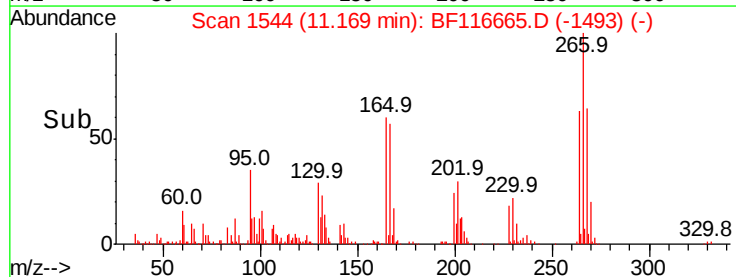
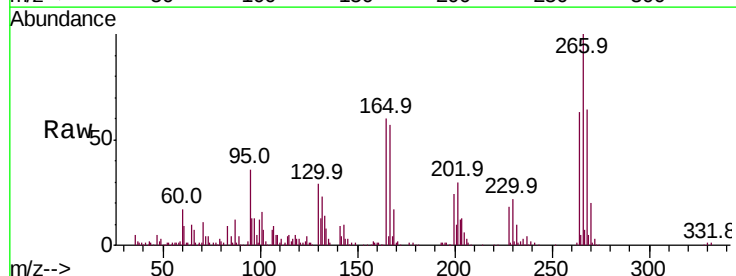
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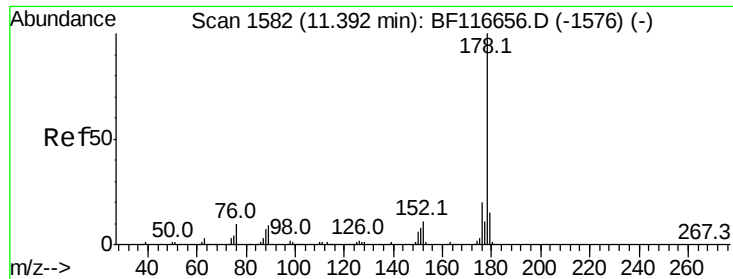
mohammad
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#70
Pentachlorophenol
Concen: 96.406 ng
RT: 11.17 min Scan# 1544
Delta R.T. 0.00 min
Lab File: BF116665.D
Acq: 30 Aug 2019 22:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.8	51.2	76.8
264	63.1	51.9	77.9





#71

Phenanthrene

Concen: 47.889 ng

RT: 11.39 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BF116665.D

Acq: 30 Aug 2019 22:20

Instrument :

BNA_F

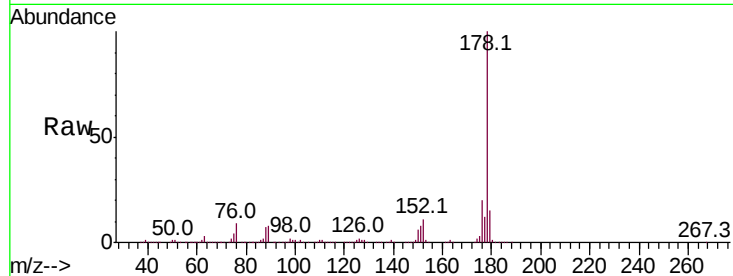
ClientSampled :

SB-3-35-37MS

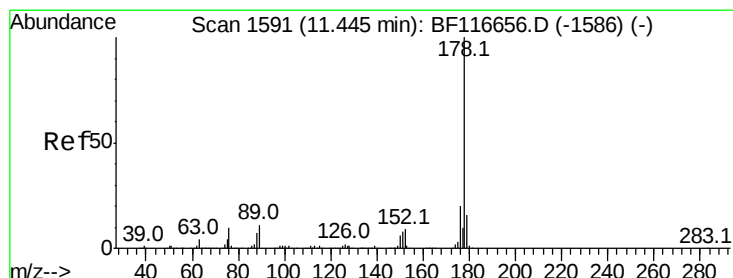
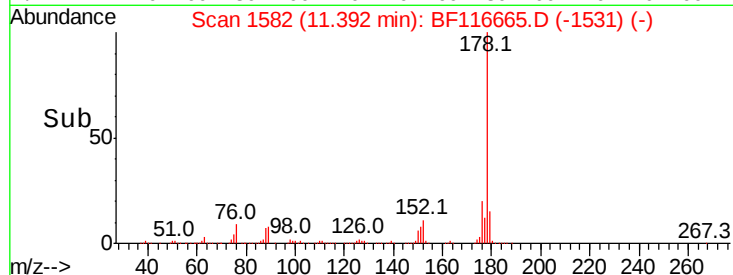
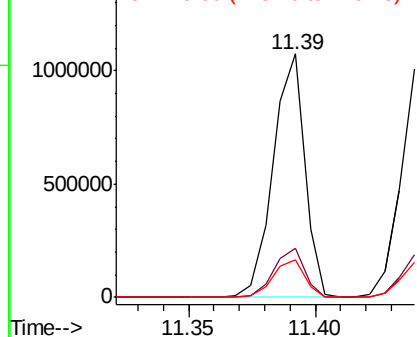
Tot Ion:	178	Resp:	929222
Ion Ratio	Lower	Upper	
178	100		
176	20.0	15.4	23.0
179	15.3	12.2	18.2

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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: 50.031 ng

RT: 11.44 min Scan# 1590

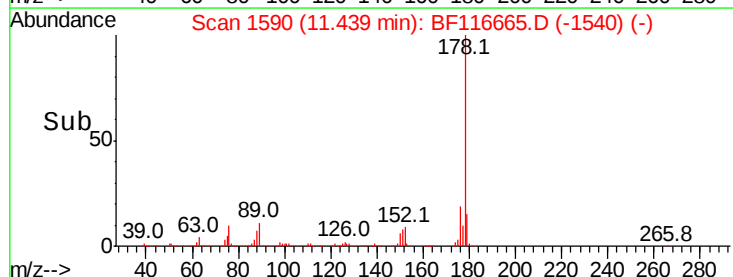
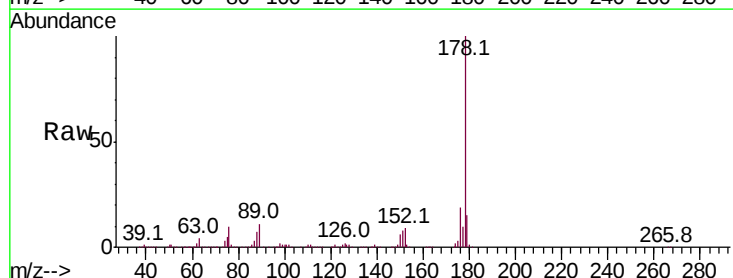
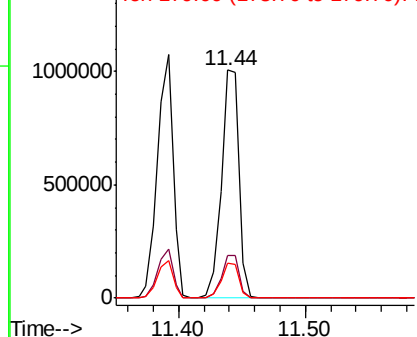
Delta R.T. -0.00 min

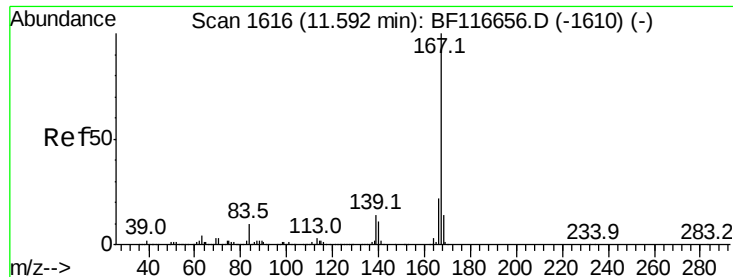
Lab File: BF116665.D

Acq: 30 Aug 2019 22:20

Tgt Ion:	178	Resp:	977248
Ion Ratio	Lower	Upper	
178	100		
176	18.8	15.4	23.0
179	15.2	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





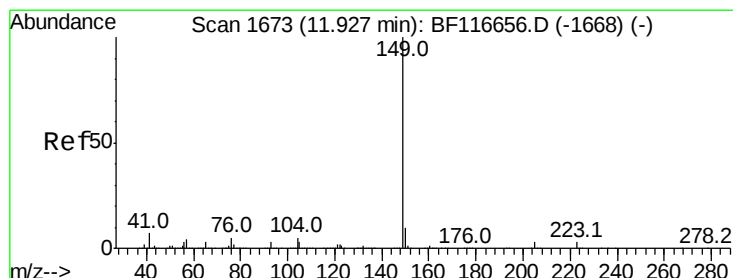
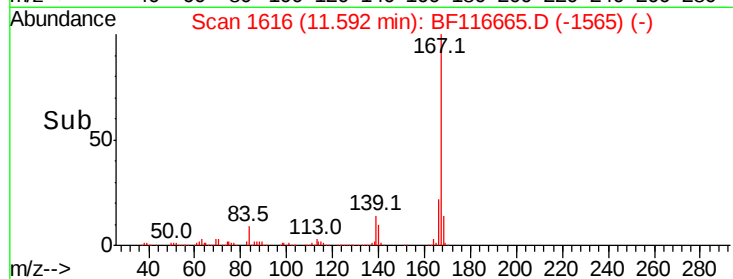
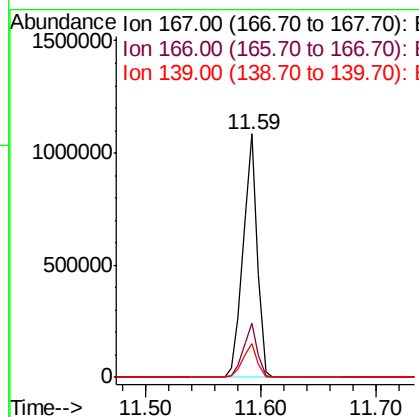
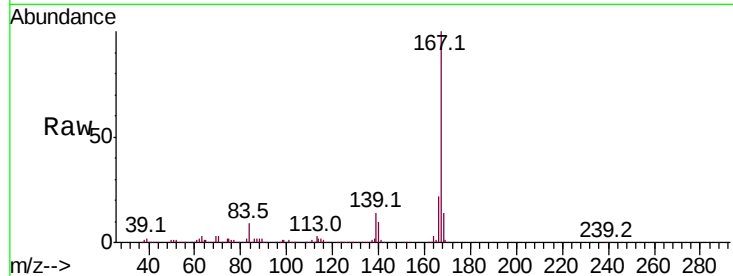
#73
 Carbazole
 Concen: 49.855 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. 0.00 min
 Lab File: BF116665.D
 Acq: 30 Aug 2019 22:20

Instrument :
 BNA_F
 ClientSampled :
 SB-3-35-37MS

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	22.3	17.8	26.6	
139	14.1	11.1	16.7	

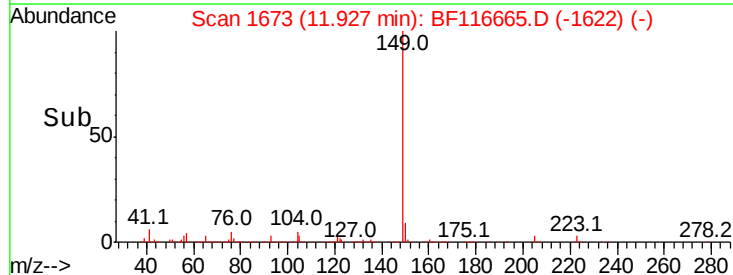
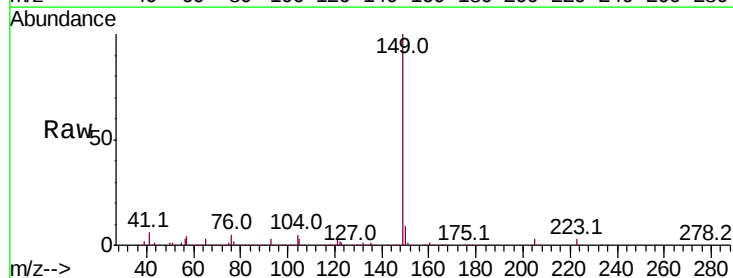
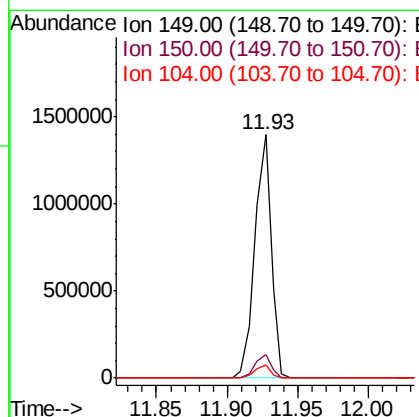
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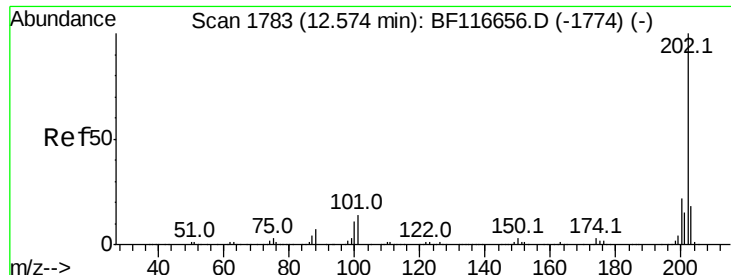
mohammad
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#74
 Di-n-butylphthalate
 Concen: 48.396 ng
 RT: 11.93 min Scan# 1673
 Delta R.T. 0.00 min
 Lab File: BF116665.D
 Acq: 30 Aug 2019 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.4	7.2	10.8	
104	5.3	4.2	6.2	





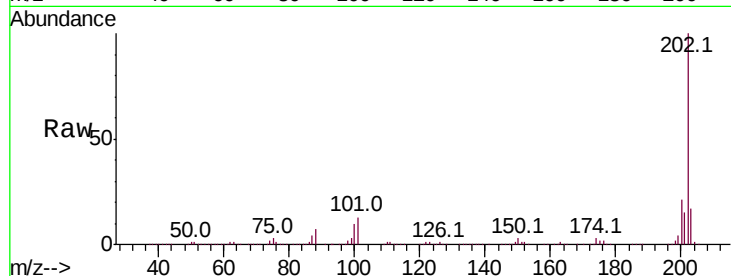
#75
 Fluoranthene
 Concen: 51.189 ng
 RT: 12.57 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: BF116665.D
 Acq: 30 Aug 2019 22:20

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-35-37MS

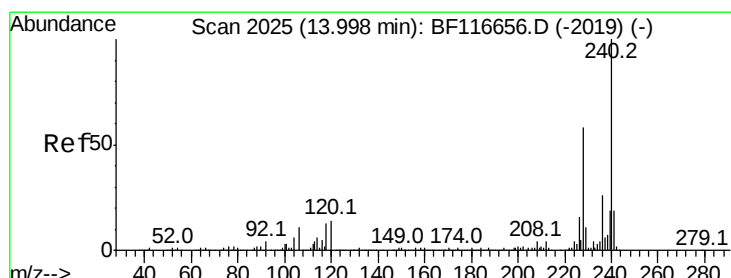
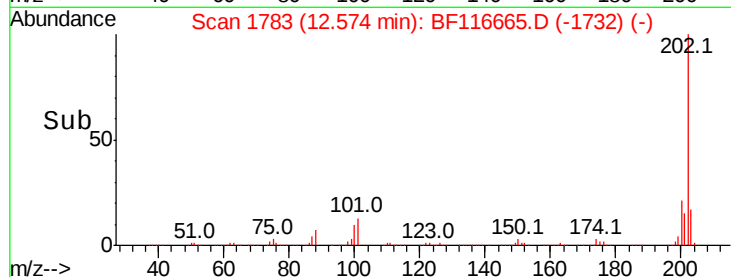
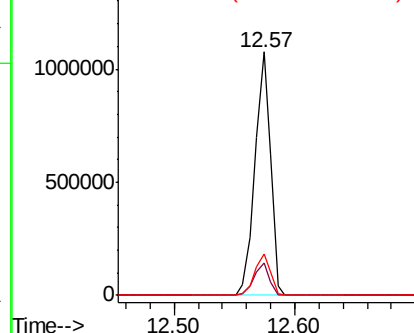
Tot Ion	Ratio	Resp	Lower	Upper
202	100	976128		
101	13.4	0.0	31.3	
203	17.1	0.0	37.6	

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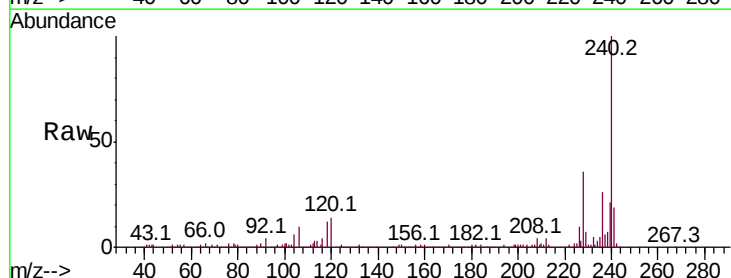


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

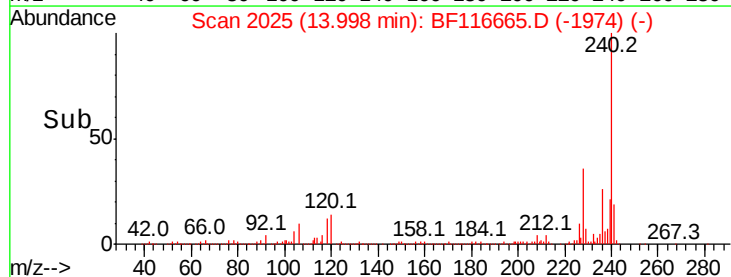
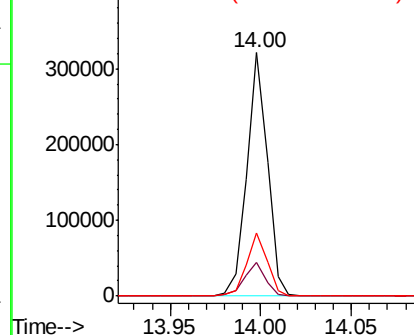


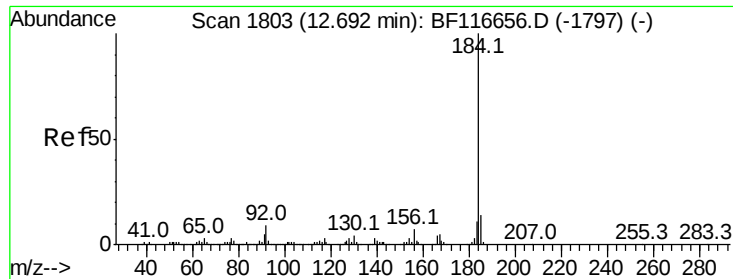
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF116665.D
 Acq: 30 Aug 2019 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	252856		
120	13.7	9.1	13.7#	
236	25.8	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





#77

Benzidine

Concen: 35.127 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.00 min

Lab File: BF116665.D

Acq: 30 Aug 2019 22:20

Instrument :

BNA_F

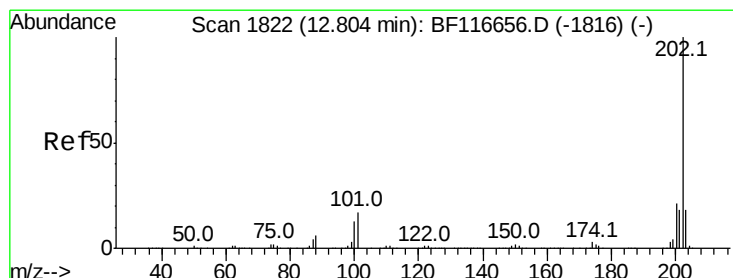
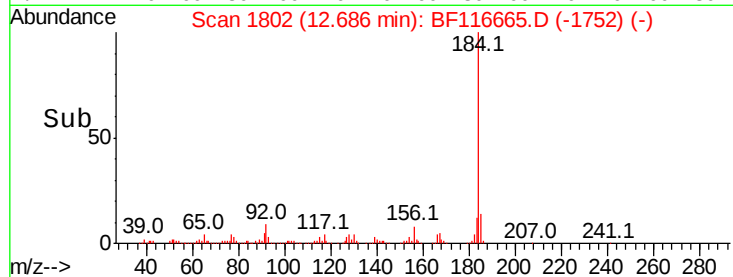
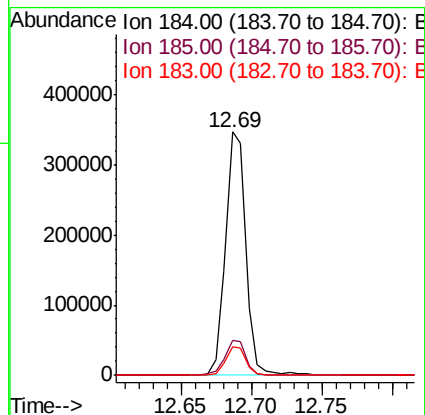
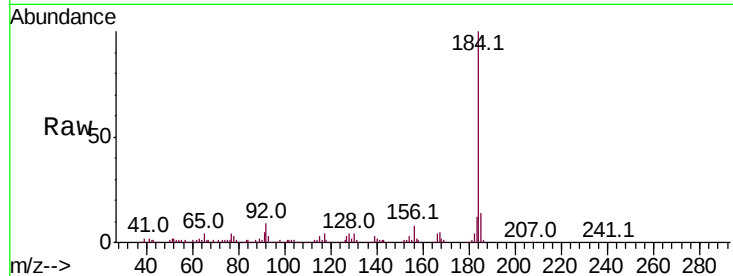
ClientSampleId :

SB-3-35-37MS

Tot Ion:	184	Resp:	348381
Ion Ratio	Lower	Upper	
184	100		
185	14.2	11.3	16.9
183	11.9	9.2	13.8

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#78

Pyrene

Concen: 44.897 ng

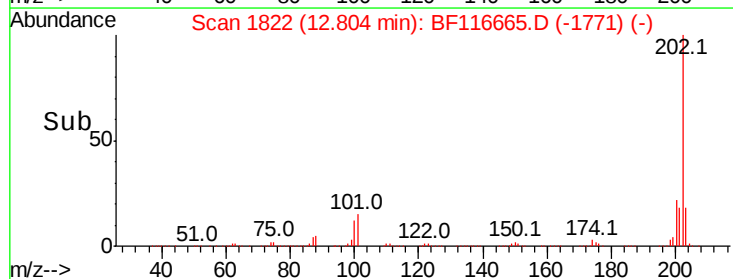
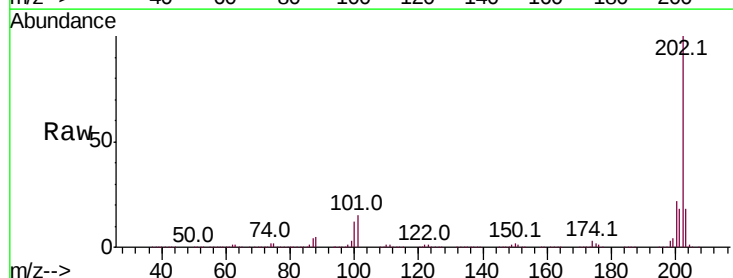
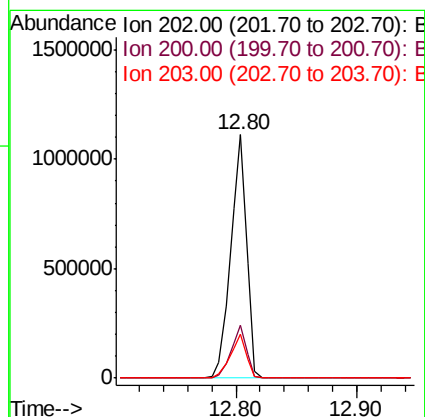
RT: 12.80 min Scan# 1822

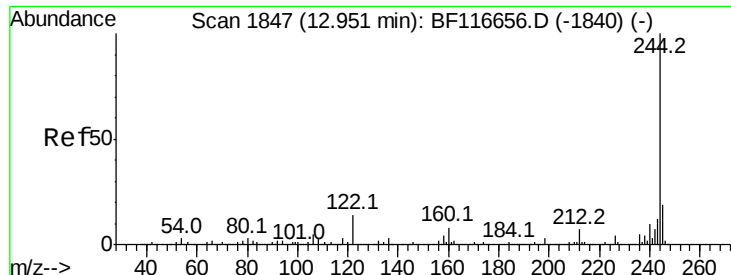
Delta R.T. 0.00 min

Lab File: BF116665.D

Acq: 30 Aug 2019 22:20

Tgt Ion:	202	Resp:	1009165
Ion Ratio	Lower	Upper	
202	100		
200	21.7	16.5	24.7
203	17.9	13.7	20.5





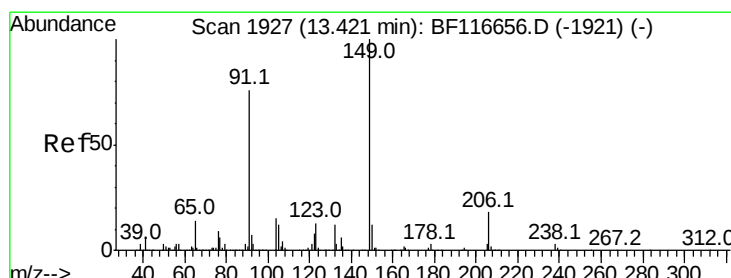
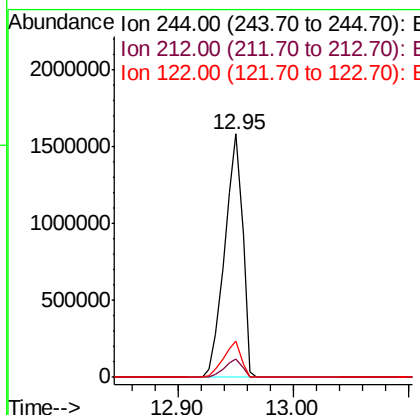
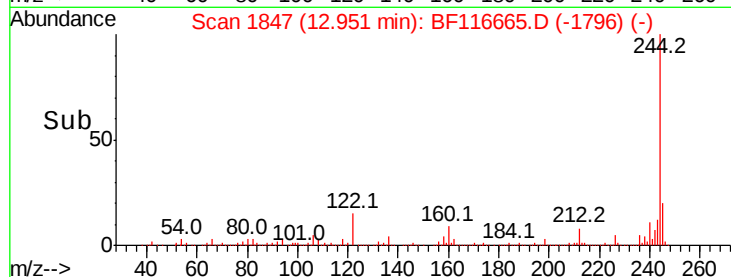
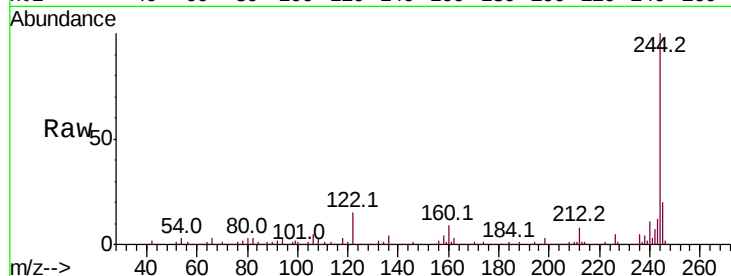
#79
 Terphenyl-d14
 Concen: 123.923 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. 0.00 min
 Lab File: BF116665.D
 Acq: 30 Aug 2019 22:20

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-35-37MS

Tot Ion:244 Resp: 1693813
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 15.0 10.2 15.4

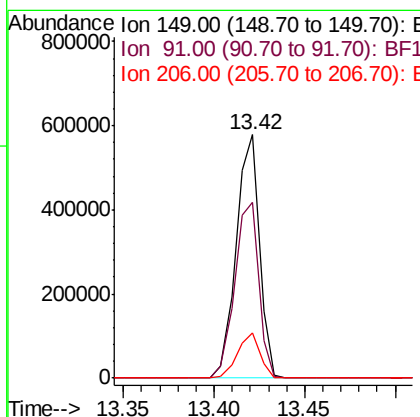
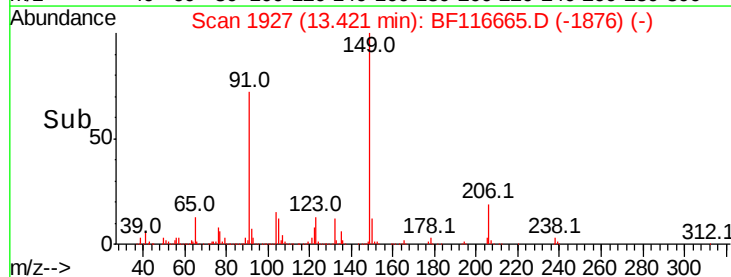
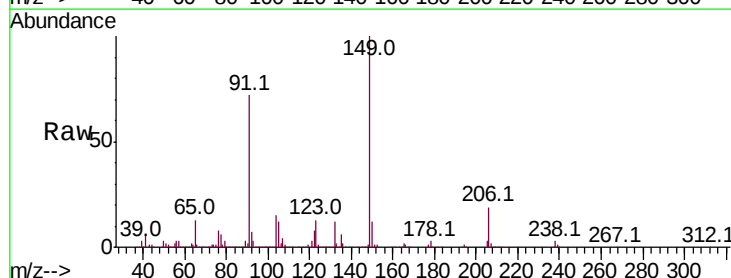
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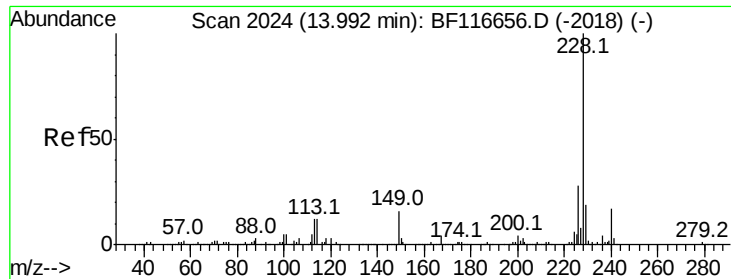
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#80
 Butylbenzylphthalate
 Concen: 47.285 ng
 RT: 13.42 min Scan# 1927
 Delta R.T. 0.00 min
 Lab File: BF116665.D
 Acq: 30 Aug 2019 22:20

Tgt Ion:149 Resp: 516857
 Ion Ratio Lower Upper
 149 100
 91 72.4 61.0 91.4
 206 18.5 14.8 22.2





#81

Benzo(a)anthracene

Concen: 46.567 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF116665.D

Acq: 30 Aug 2019 22:20

Instrument :

BNA_F

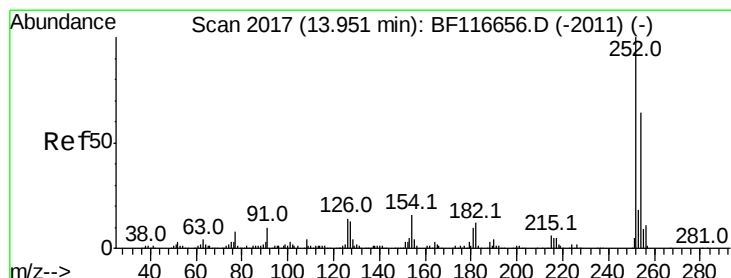
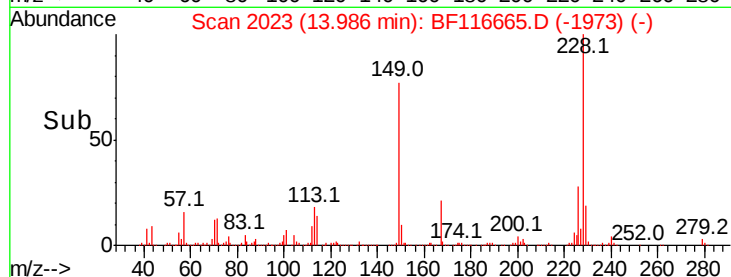
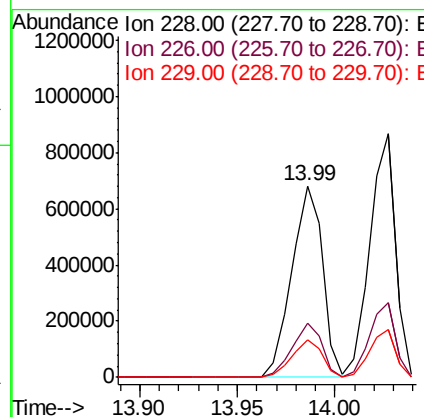
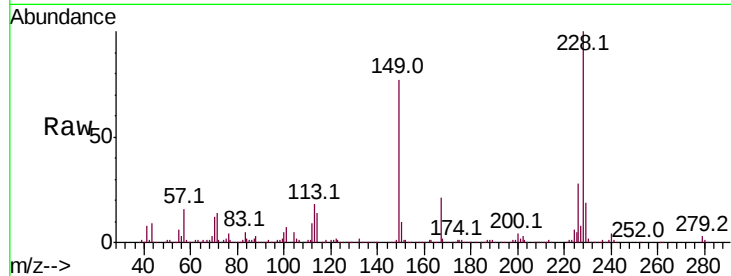
ClientSampleId :

SB-3-35-37MS

Tot Ion:	228	Resp:	745220
Ion Ratio	Lower	Upper	
228	100		
226	28.0	22.0	33.0
229	19.3	16.4	24.6

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#82

3,3'-Dichlorobenzidine

Concen: 32.874 ng

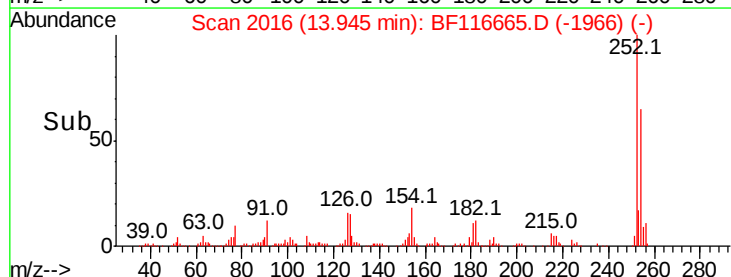
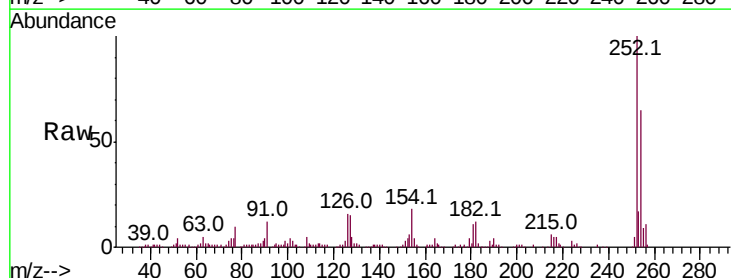
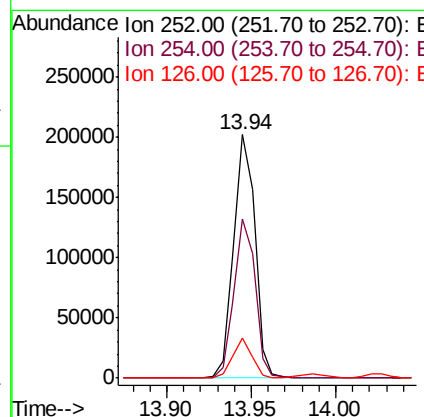
RT: 13.94 min Scan# 2016

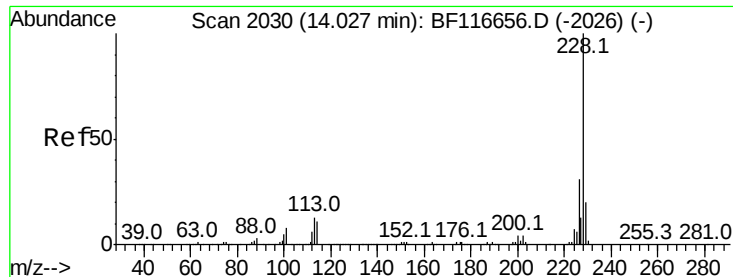
Delta R.T. -0.01 min

Lab File: BF116665.D

Acq: 30 Aug 2019 22:20

Tgt Ion:	252	Resp:	177790
Ion Ratio	Lower	Upper	
252	100		
254	65.3	50.1	75.1
126	16.3	10.6	16.0#





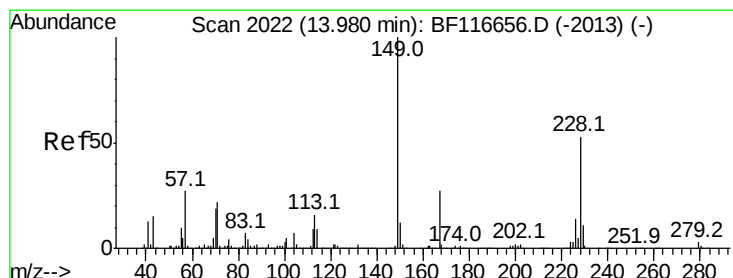
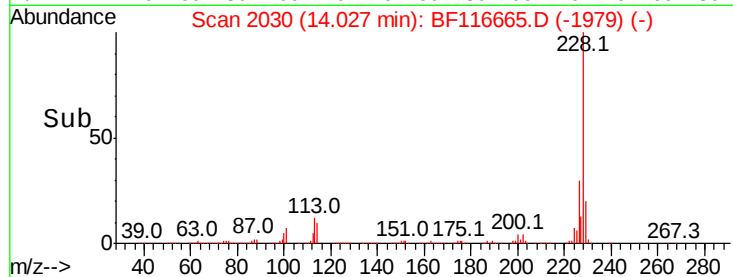
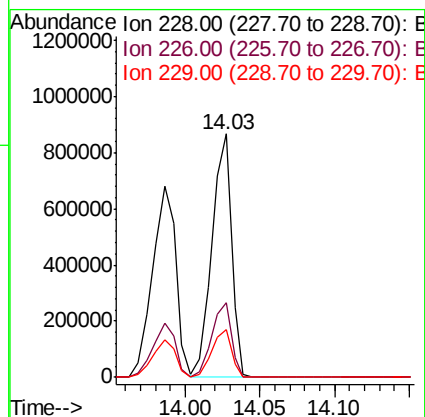
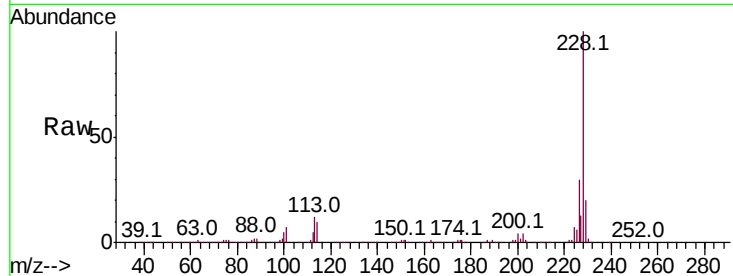
#83
Chrvsene
Concen: 47.734 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BF116665.D
Acq: 30 Aug 2019 22:20

Instrument :
BNA_F
ClientSampleId :
SB-3-35-37MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.0	36.0
229	19.6	15.4	23.0

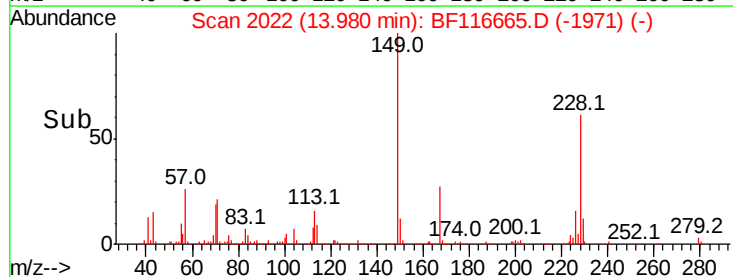
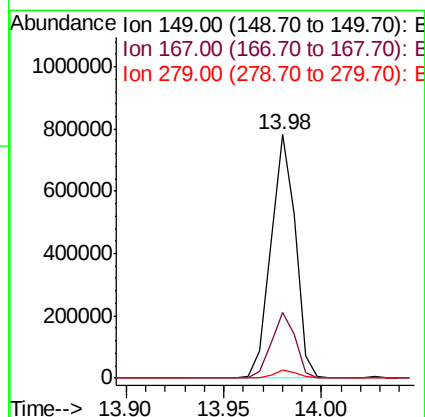
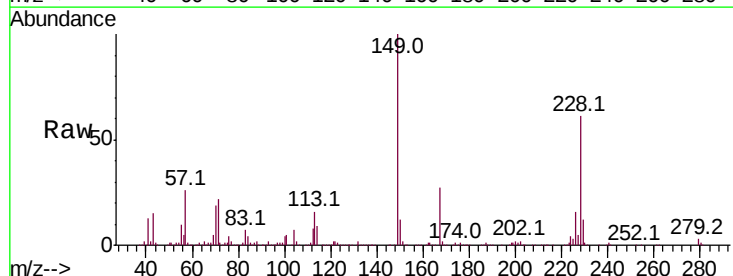
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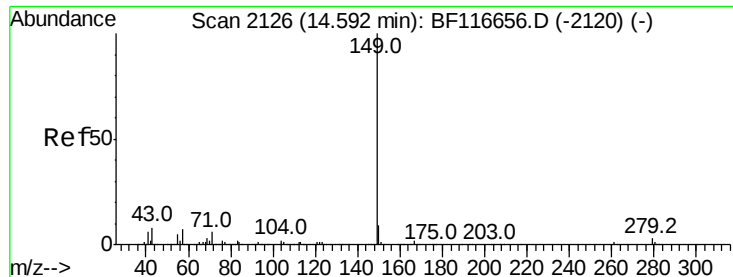
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#84
Bis(2-ethylhexyl)phthalate
Concen: 50.236 ng
RT: 13.98 min Scan# 2222
Delta R.T. 0.00 min
Lab File: BF116665.D
Acq: 30 Aug 2019 22:20

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.0	31.4
279	3.2	2.8	4.2





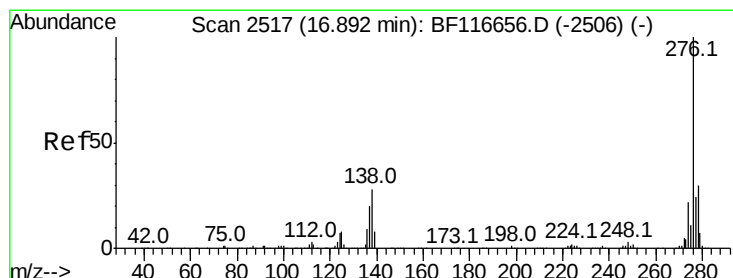
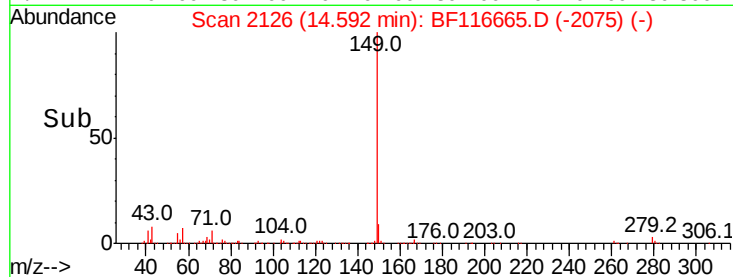
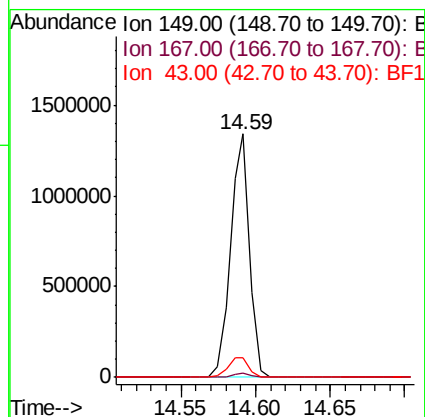
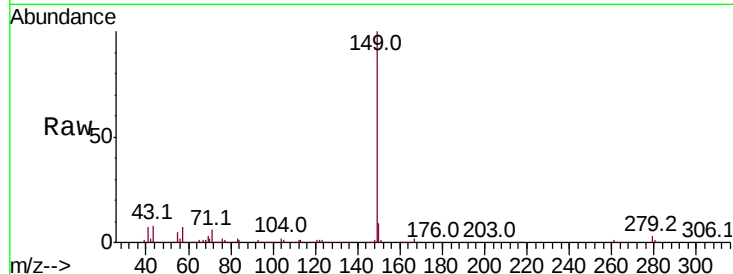
#85
Di-n-octyl phthalate
Concen: 54.354 ng
RT: 14.59 min Scan# 2126
Delta R.T. 0.00 min
Lab File: BF116665.D
Acq: 30 Aug 2019 22:20

Instrument :
BNA_F
ClientSampleId :
SB-3-35-37MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.6	7.8	11.8

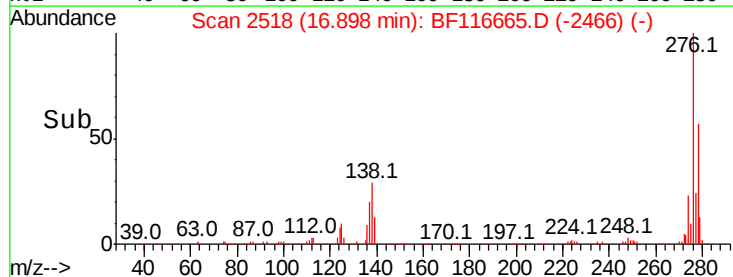
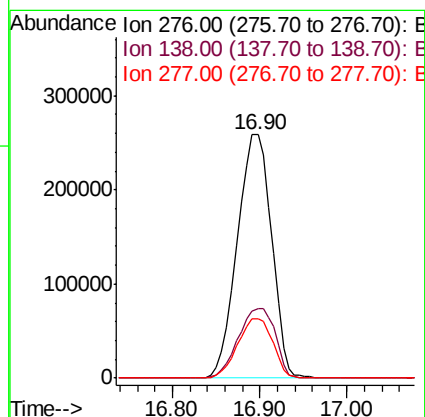
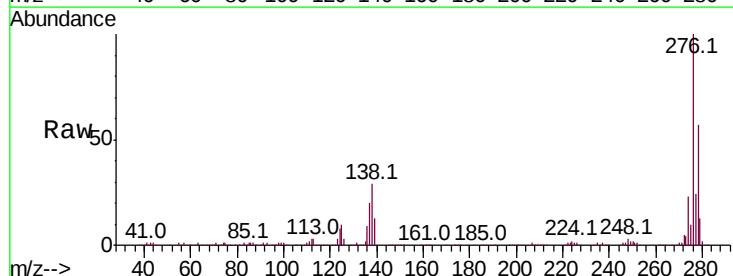
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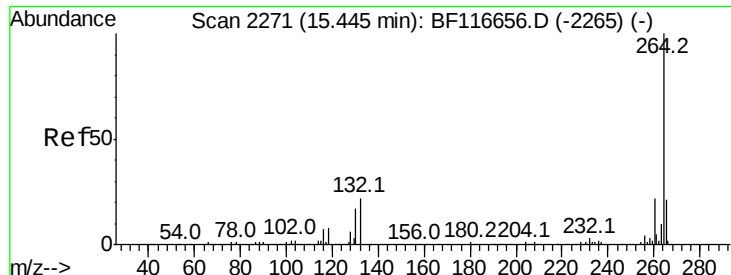
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#86
Indeno(1,2,3-cd)pyrene
Concen: 51.926 ng
RT: 16.90 min Scan# 2518
Delta R.T. 0.01 min
Lab File: BF116665.D
Acq: 30 Aug 2019 22:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.9	19.4	29.2#
277	25.0	20.5	30.7





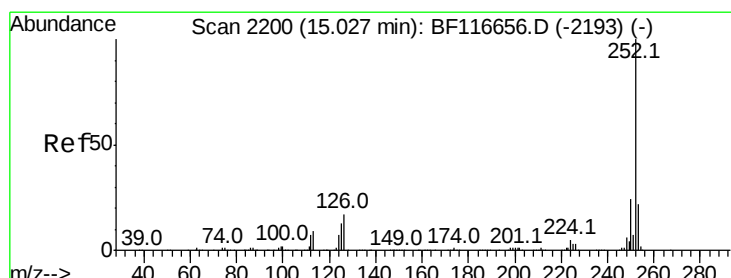
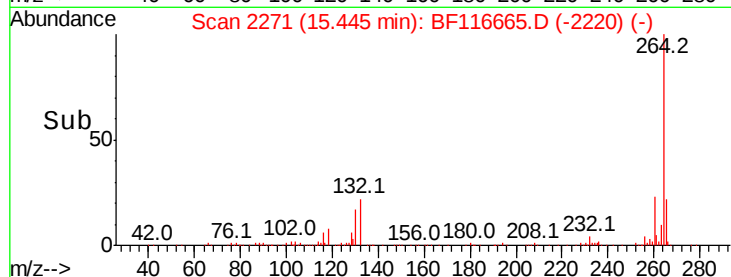
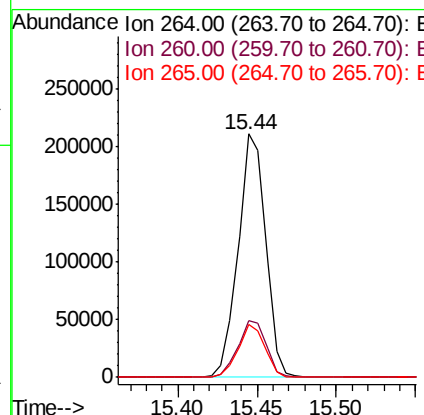
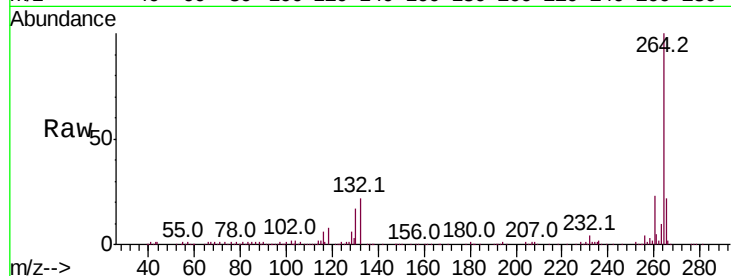
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BF116665.D
Acq: 30 Aug 2019 22:20

Instrument :
BNA_F
ClientSampleId :
SB-3-35-37MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.3	27.5
265	21.6	16.5	24.7

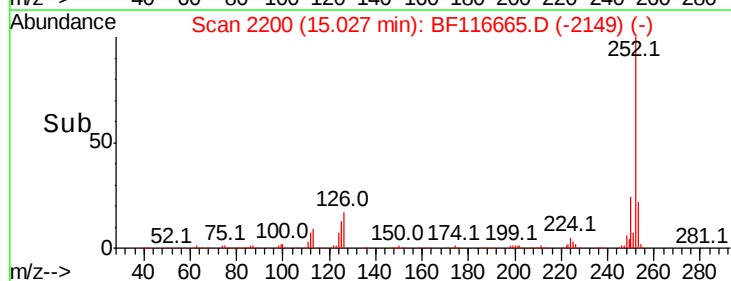
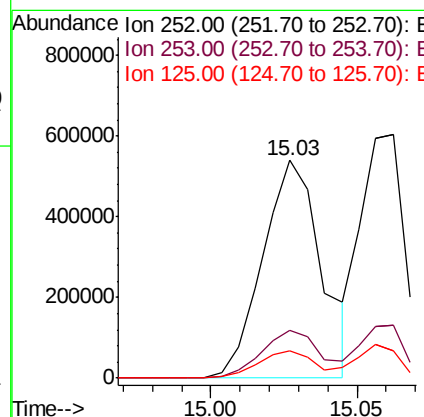
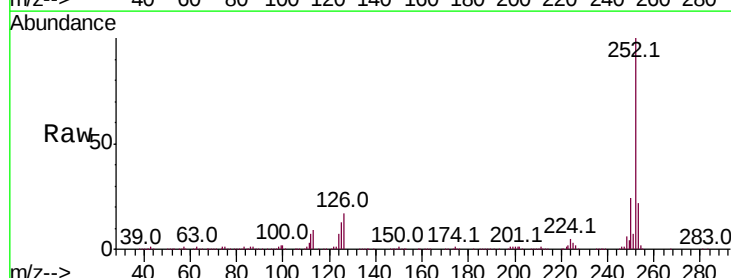
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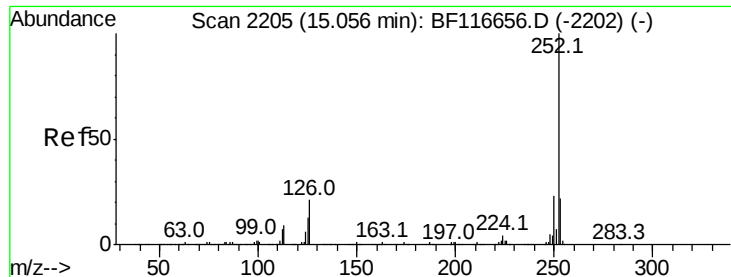
mohammad
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#88
Benzo(b)fluoranthene
Concen: 48.932 ng m
RT: 15.03 min Scan# 2200
Delta R.T. 0.00 min
Lab File: BF116665.D
Acq: 30 Aug 2019 22:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	12.8	8.2	12.2#





#89

Benzo(k)fluoranthene

Concen: 45.230 ng

RT: 15.06 min Scan# 2206

Delta R.T. 0.01 min

Lab File: BF116665.D

Acq: 30 Aug 2019 22:20

Instrument :

BNA_F

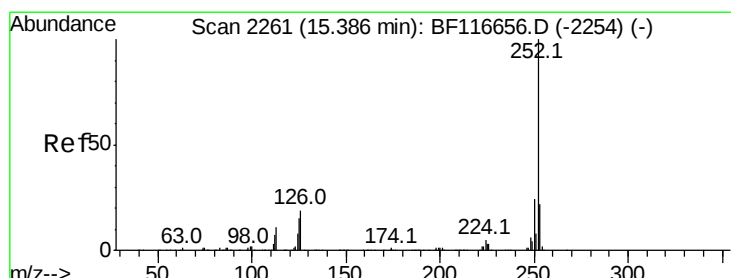
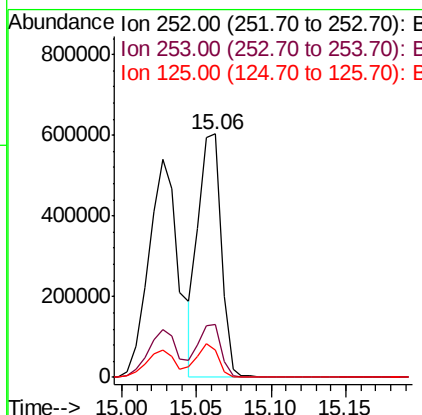
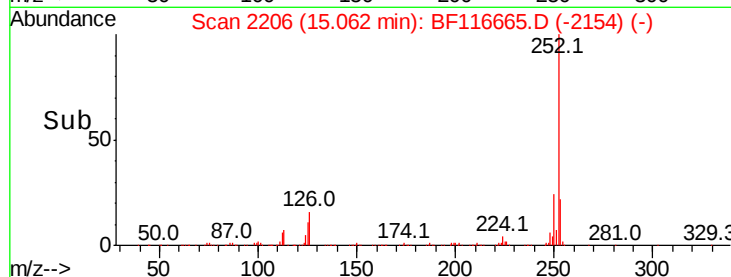
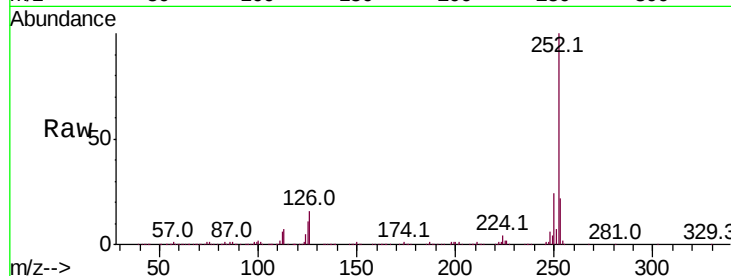
ClientSampleId :

SB-3-35-37MS

Tot Ion:	252	Resp:	635020
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.7	26.5
125	11.0	8.6	13.0

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 48.672 ng

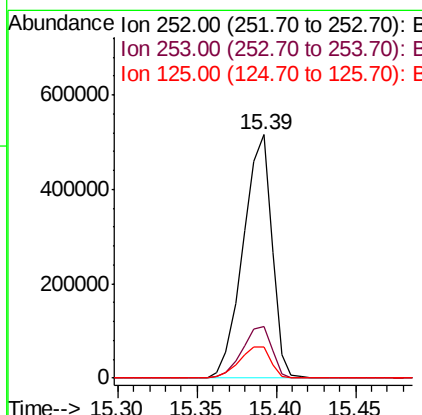
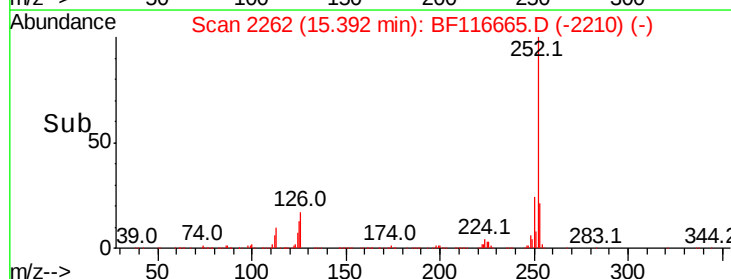
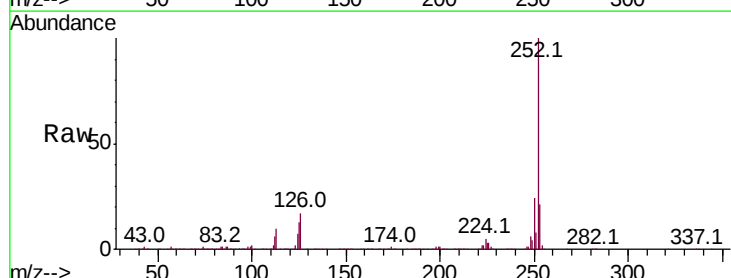
RT: 15.39 min Scan# 2262

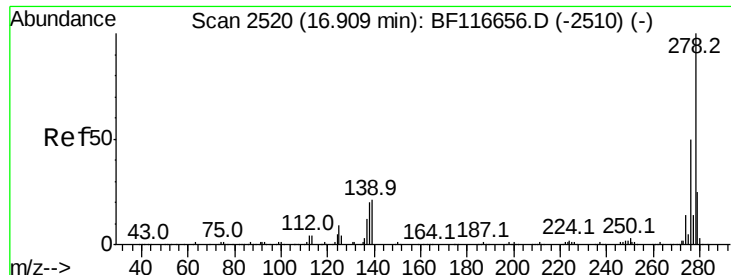
Delta R.T. 0.01 min

Lab File: BF116665.D

Acq: 30 Aug 2019 22:20

Tgt Ion:	252	Resp:	652036
Ion Ratio	Lower	Upper	
252	100		
253	21.2	18.1	27.1
125	12.9	9.8	14.8





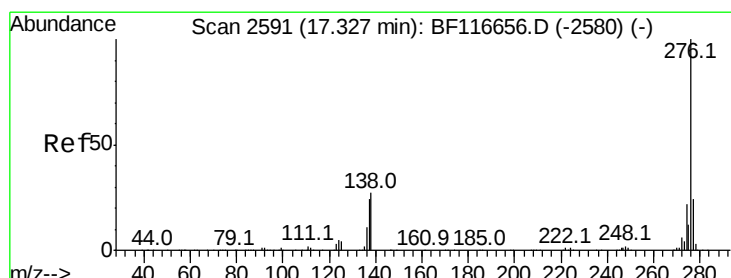
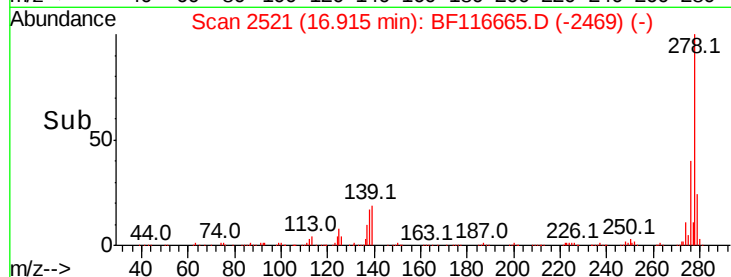
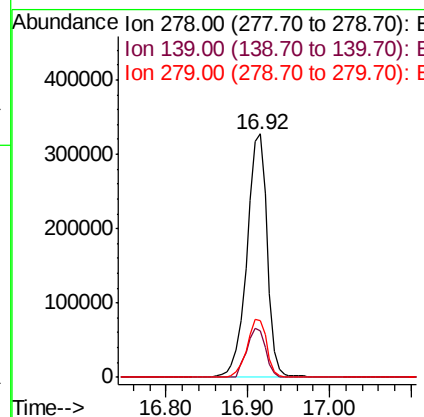
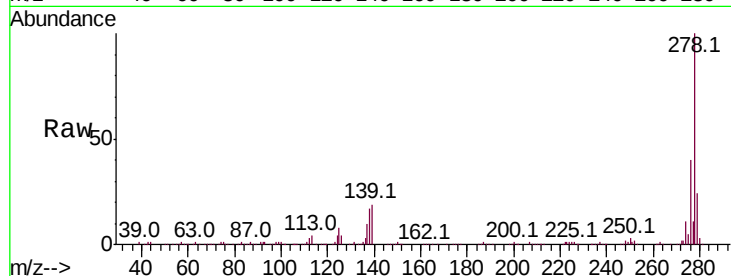
#91
Dibenzo(a,h)anthracene
Concen: 48.101 ng
RT: 16.92 min Scan# 2521
Delta R.T. 0.01 min
Lab File: BF116665.D
Acq: 30 Aug 2019 22:20

Instrument :
BNA_F
ClientSampleId :
SB-3-35-37MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.2	12.4	18.6#
279	23.6	18.2	27.4

Manual Integrations
APPROVED

mohammad
8/31/2019 2:45:21 PM



#92
Benzo(g,h,i)perylene
Concen: 48.821 ng
RT: 17.33 min Scan# 2592
Delta R.T. 0.01 min
Lab File: BF116665.D
Acq: 30 Aug 2019 22:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.5	27.7
138	27.8	16.2	24.2#

