

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
 Data File : BF117059.D
 Acq On : 16 Sep 2019 13:31
 Operator : HP/JU
 Sample : K4885-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-1868-RBR-200035MSD

Manual Integrations
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mohammad
 9/17/2019 1:25:27 PM

Quant Time: Sep 16 15:18:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	60561	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	235449	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	121762	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	208293	20.00	ng	0.00
76) Chrysene-d12	13.97	240	143561	20.00	ng	0.00
87) Perylene-d12	15.41	264	131896	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	496506	128.00	ng	0.00
7) Phenol-d6	6.46	99	687813	137.20	ng	0.00
23) Nitrobenzene-d5	7.39	82	415880	92.81	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	147328	144.77	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	715932	91.93	ng	0.00
79) Terphenyl-d14	12.92	244	722522	94.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	56271	34.668	ng	97
3) Pyridine	3.33	79	138571	31.190	ng	95
4) n-Nitrosodimethylamine	3.25	42	59259	38.867	ng	91
6) Aniline	6.49	93	169066	26.194	ng	98
8) 2-Chlorophenol	6.61	128	175298	41.890	ng	97
9) Benzaldehyde	6.37	77	105525	42.786	ng	99
10) Phenol	6.47	94	245302	44.387	ng	98
11) bis(2-Chloroethyl)ether	6.56	93	164918	40.603	ng	99
12) 1,3-Dichlorobenzene	6.76	146	183844	39.151	ng	98
13) 1,4-Dichlorobenzene	6.84	146	186892	39.000	ng	99
14) 1,2-Dichlorobenzene	6.99	146	176660	39.595	ng	96
15) Benzyl Alcohol	6.96	79	163687	42.579	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	152948	38.114	ng	95
17) 2-Methylphenol	7.08	107	147644	42.098	ng	96
18) Hexachloroethane	7.33	117	71273	38.661	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	125419	41.086	ng	98
20) 3+4-Methylphenols	7.23	107	183259	41.950	ng	97
22) Acetophenone	7.23	105	259877	43.443	ng	# 99
24) Nitrobenzene	7.40	77	196909	44.496	ng	96
25) Isophorone	7.64	82	347865	43.844	ng	99
26) 2-Nitrophenol	7.72	139	90486	47.604	ng	98
27) 2,4-Dimethylphenol	7.76	122	149936	49.741	ng	96
28) bis(2-Chloroethoxy)methane	7.85	93	208625	42.678	ng	99
29) 2,4-Dichlorophenol	7.96	162	143533	45.444	ng	97
30) 1,2,4-Trichlorobenzene	8.05	180	141893	41.583	ng	98
31) Naphthalene	8.13	128	498463	44.020	ng	99
32) Benzoic acid	7.85	122	20390	14.322	ng	92
33) 4-Chloroaniline	8.17	127	73425	14.620	ng	98
34) Hexachlorobutadiene	8.25	225	80887	41.781	ng	98
35) Caprolactam	8.53	113	46887m	43.858	ng	
36) 4-Chloro-3-methylphenol	8.66	107	170040	46.171	ng	98
37) 2-Methylnaphthalene	8.82	142	345534	45.314	ng	99
38) 1-Methylnaphthalene	8.91	142	314966	44.103	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	134714	42.845	ng	99

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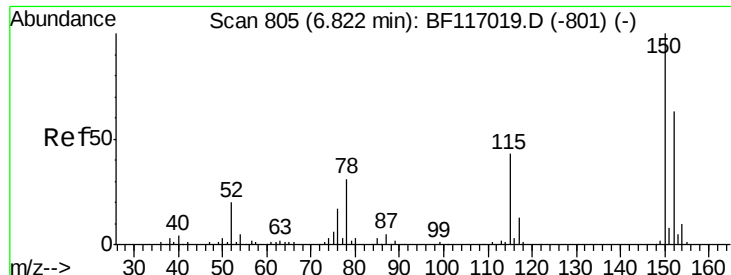
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	109896	79.163	nq	100
43) 2,4,6-Trichlorophenol	9.09	196	91939	43.088	nq	99
44) 2,4,5-Trichlorophenol	9.13	196	100560	44.110	nq	98
46) 1,1'-Biphenyl	9.27	154	409057	42.829	nq	99
47) 2-Chloronaphthalene	9.30	162	320896	42.572	nq	97
48) 2-Nitroaniline	9.39	65	105137	43.485	nq	91
49) Acenaphthylene	9.72	152	507079	44.906	nq	99
50) Dimethylphthalate	9.57	163	518978	60.197	nq	99
51) 2,6-Dinitrotoluene	9.63	165	82618	47.052	nq	89
52) Acenaphthene	9.89	154	288339	43.076	nq	100
53) 3-Nitroaniline	9.80	138	57293	25.861	nq	98
54) 2,4-Dinitrophenol	9.92	184	36491	51.781	nq	96
55) Dibenzofuran	10.06	168	447673	45.329	nq	96
56) 4-Nitrophenol	9.97	139	125433	87.359	nq	96
57) 2,4-Dinitrotoluene	10.04	165	109792	48.170	nq	# 94
58) Fluorene	10.40	166	361662	45.460	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	77449	44.395	nq	98
60) Diethylphthalate	10.27	149	369818	43.601	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	154090	44.766	nq	97
62) 4-Nitroaniline	10.42	138	100713	43.714	nq	94
63) Azobenzene	10.55	77	384328	44.365	nq	96
65) 4,6-Dinitro-2-methylphenol	10.45	198	37071	40.346	nq	86
66) n-Nitrosodiphenylamine	10.51	169	312033	43.377	nq	97
67) 4-Bromophenyl-phenylether	10.87	248	88818	41.754	nq	90
68) Hexachlorobenzene	10.95	284	94413	40.580	nq	94
69) Atrazine	11.03	200	86585	49.772	nq	97
70) Pentachlorophenol	11.15	266	85031	77.968	nq	97
71) Phenanthrene	11.36	178	543364	45.927	nq	99
72) Anthracene	11.41	178	550485	45.576	nq	99
73) Carbazole	11.56	167	513021	44.747	nq	99
74) Di-n-butylphthalate	11.89	149	603546	44.246	nq	98
75) Fluoranthene	12.55	202	604030	49.689	nq	98
77) Benzdine	12.66	184	198401	42.902	nq	99
78) Pyrene	12.77	202	600735	49.871	nq	99
80) Butylbenzylphthalate	13.39	149	373855	65.682	nq	94
81) Benzo(a)anthracene	13.96	228	440846	45.962	nq	99
82) 3,3'-Dichlorobenzidine	13.92	252	77735	25.150	nq	96
83) Chrysene	14.00	228	430575	46.027	nq	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	347366	47.333	nq	# 98
85) Di-n-octyl phthalate	14.55	149	567979	49.172	nq	100
86) Indeno(1,2,3-cd)pyrene	16.85	276	375510	55.021	nq	97
88) Benzo(b)fluoranthene	15.00	252	358420	44.862	nq	99
89) Benzo(k)fluoranthene	15.03	252	323038m	42.684	nq	
90) Benzo(a)pyrene	15.36	252	325693	46.456	nq	98
91) Dibenzo(a,h)anthracene	16.86	278	304449	54.511	nq	98
92) Benzo(g,h,i)perylene	17.29	276	315716	56.728	nq	97

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



#1

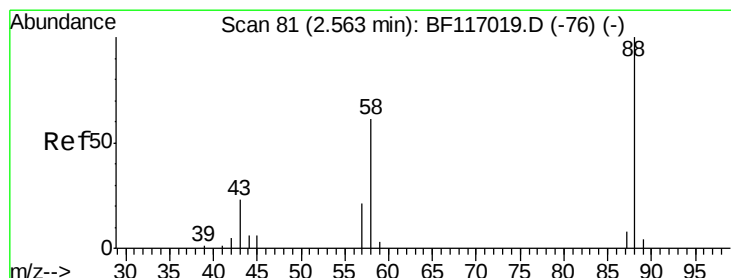
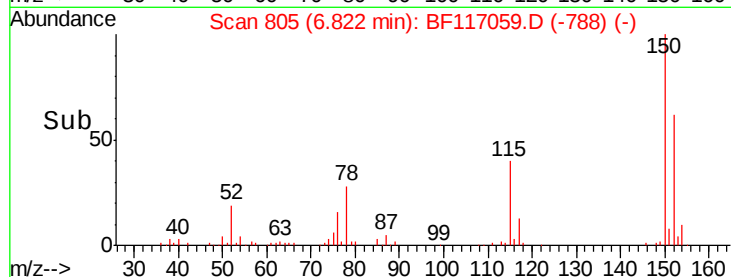
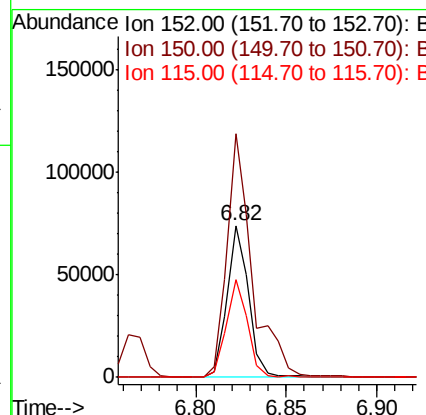
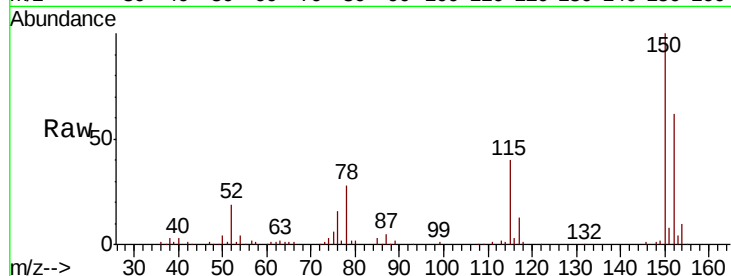
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117059.D
Acq: 16 Sep 2019 13:31

Instrument :
BNA_F
ClientSampleId :
RT-1868-RBR-200035MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.6	127.5	191.3
115	64.7	55.0	82.4

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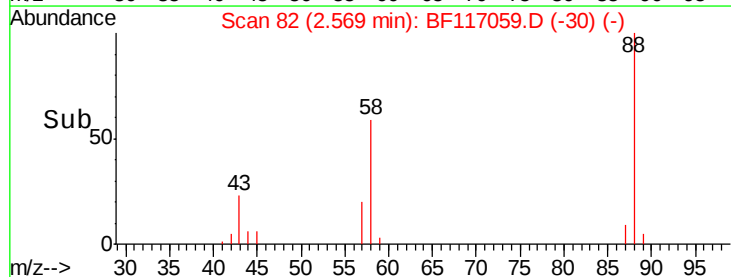
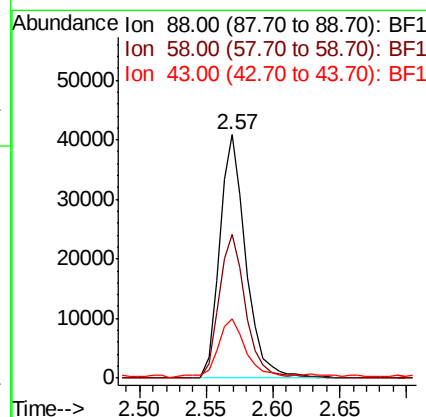
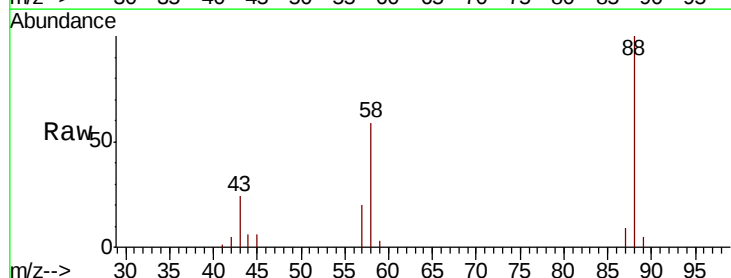
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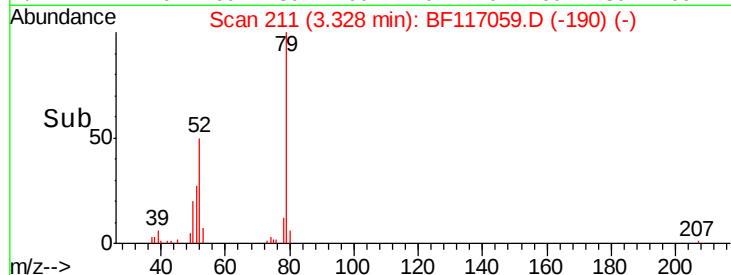
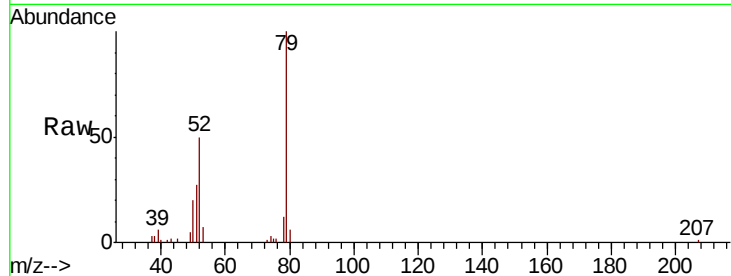
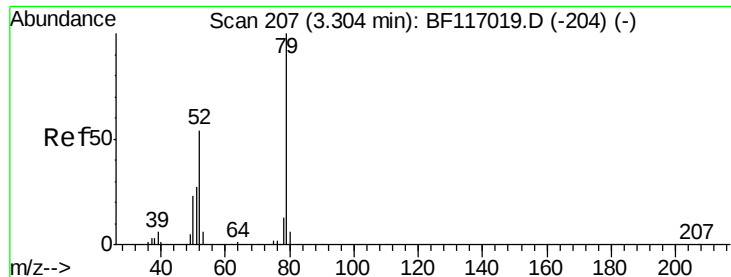


#2

1,4-Dioxane
Concen: 34.668 ng
RT: 2.57 min Scan# 82
Delta R.T. 0.01 min
Lab File: BF117059.D
Acq: 16 Sep 2019 13:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.7	49.3	73.9
43	26.9	18.8	28.2





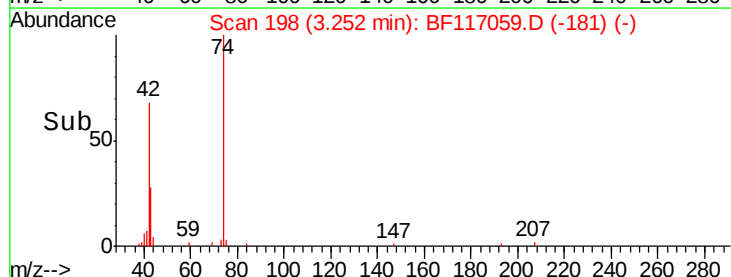
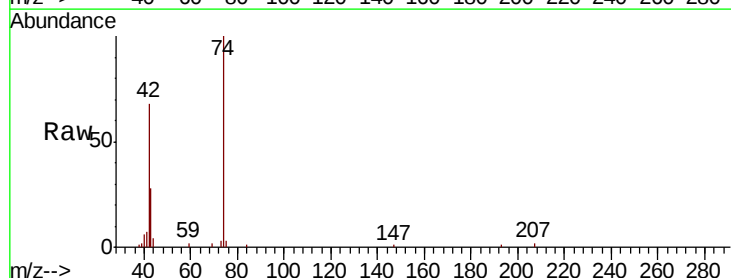
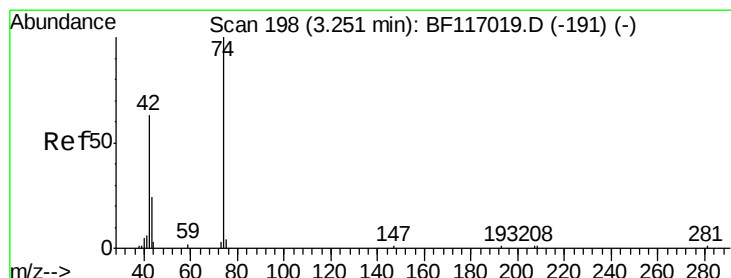
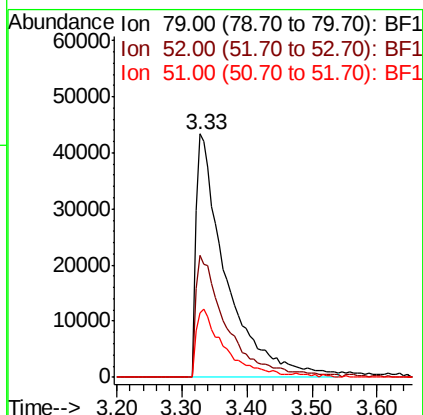
#3
Pvridine
Concen: 31.190 ng
RT: 3.33 min Scan# 211
Delta R.T. 0.02 min
Lab File: BF117059.D
Acq: 16 Sep 2019 13:31

Tot Ion	79	Resp	138571
Ion Ratio	100	Lower	Upper
79	100		
52	49.9	43.5	65.3
51	26.7	21.8	32.6

Instrument :
BNA_F
ClientSampleId :
RT-1868-RBR-200035MSD

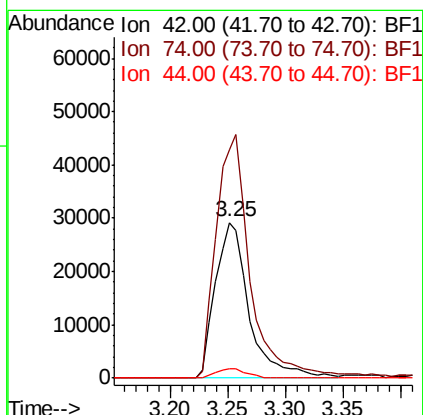
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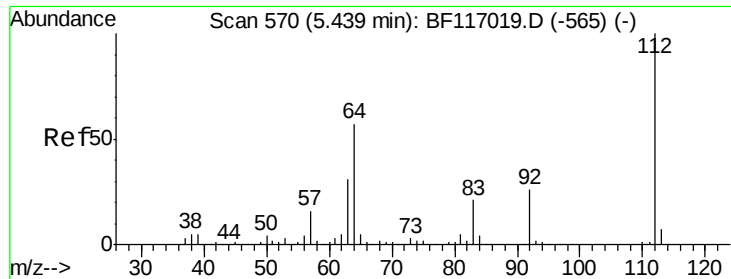
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#4
n-Nitrosodimethylamine
Concen: 38.867 ng
RT: 3.25 min Scan# 198
Delta R.T. 0.00 min
Lab File: BF117059.D
Acq: 16 Sep 2019 13:31

Tgt Ion	42	Resp	59259
Ion Ratio	100	Lower	Upper
42	100		
74	146.6	127.1	190.7
44	5.7	4.3	6.5





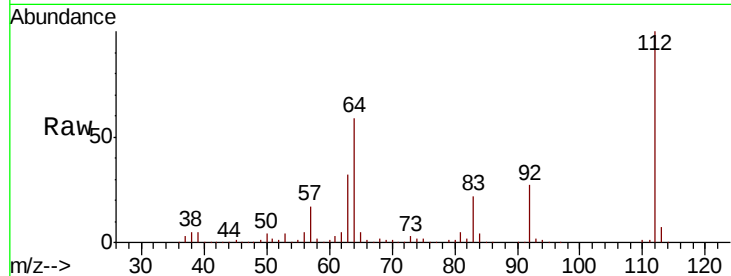
#5
2-Fluorophenol
Concen: 127.998 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF117059.D
Acq: 16 Sep 2019 13:31

Instrument :
BNA_F
ClientSampleId :
RT-1868-RBR-200035MSD

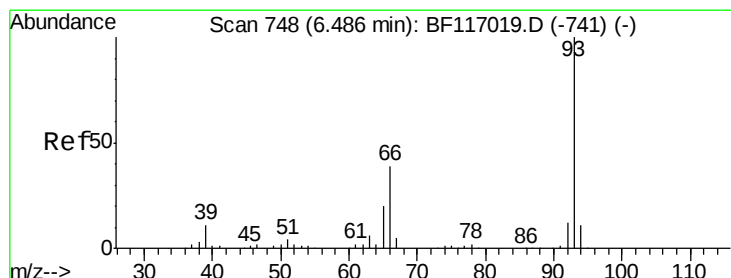
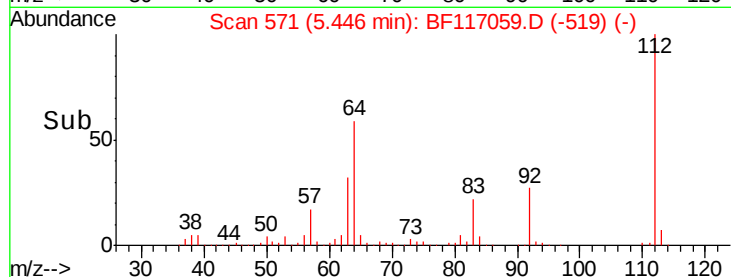
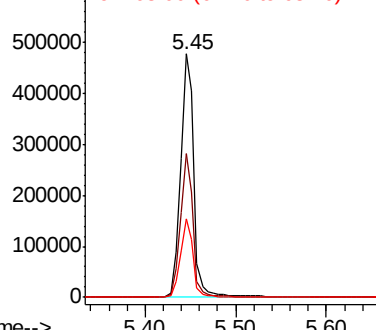
Tot Ion	Ratio	Resp	Lower	Upper
112	100	496506		
64	59.3	45.7	68.5	
63	32.2	24.9	37.3	

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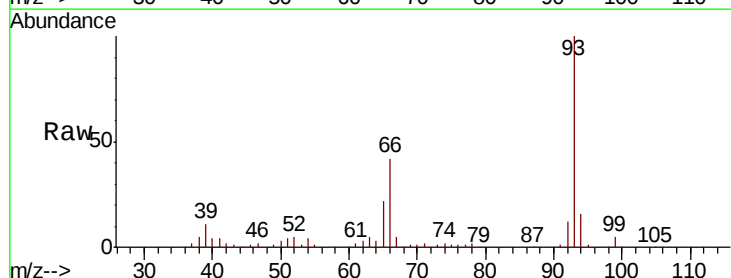


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

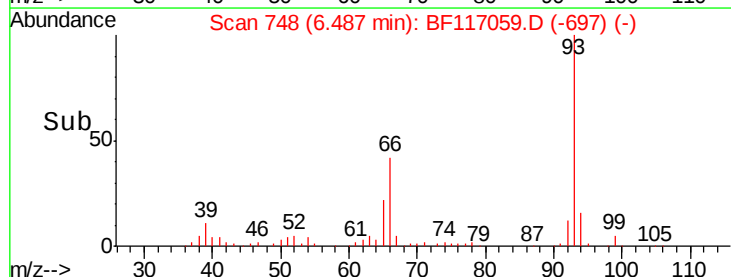
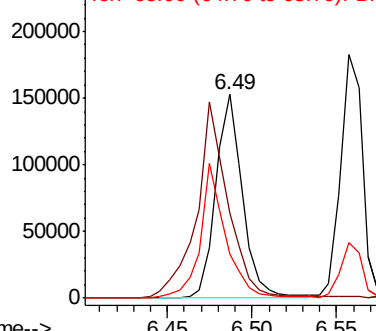


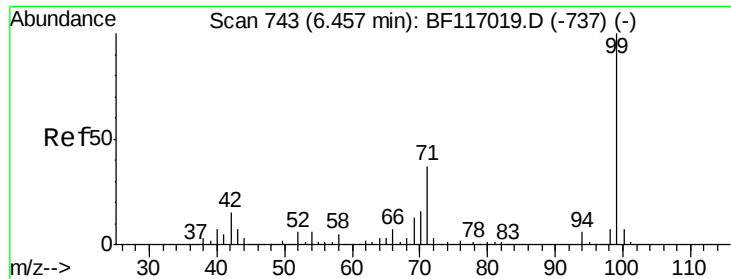
#6
Aniline
Concen: 26.194 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF117059.D
Acq: 16 Sep 2019 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	169066		
66	41.7	32.6	49.0	
65	21.7	16.7	25.1	



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: 137.204 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117059.D

Acq: 16 Sep 2019 13:31

Instrument :

BNA_F

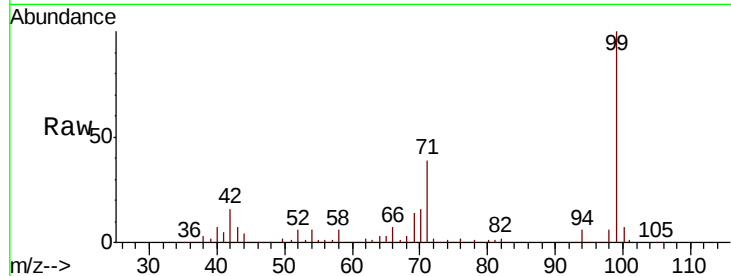
ClientSampleId :

RT-1868-RBR-200035MSD

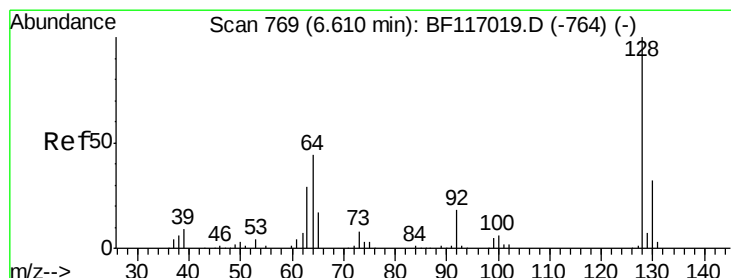
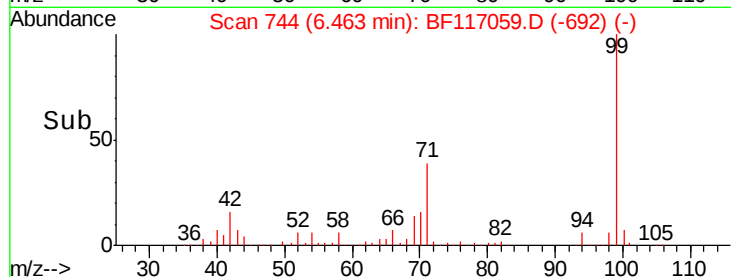
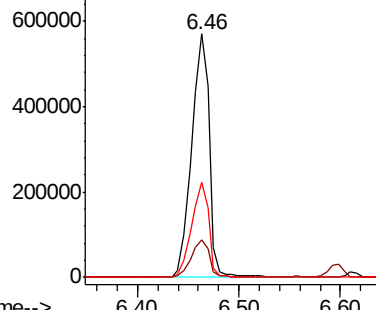
Tot Ion:	99	Resp:	687813
Ion Ratio	Lower	Upper	
99	100		
42	15.5	12.2	18.2
71	38.8	29.8	44.8

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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: 41.890 ng

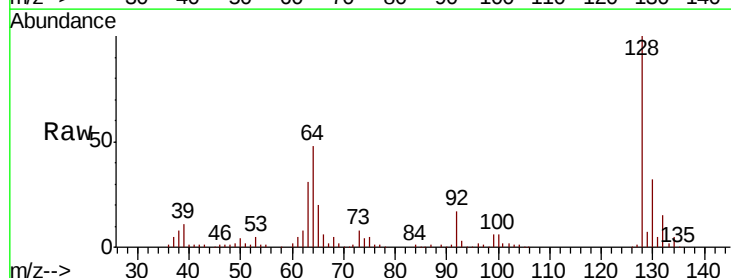
RT: 6.61 min Scan# 769

Delta R.T. 0.00 min

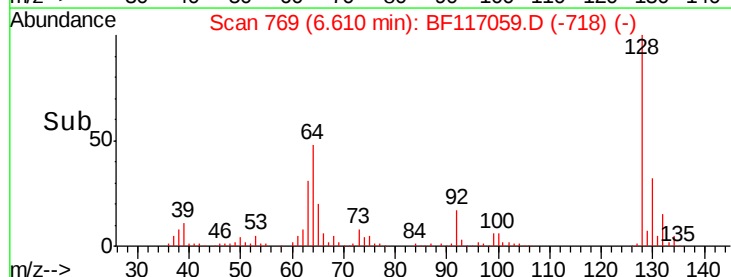
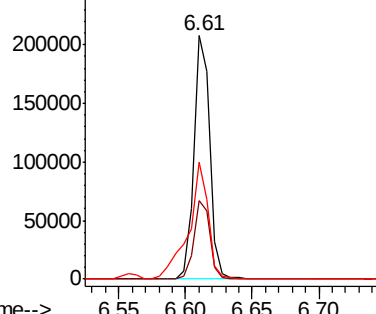
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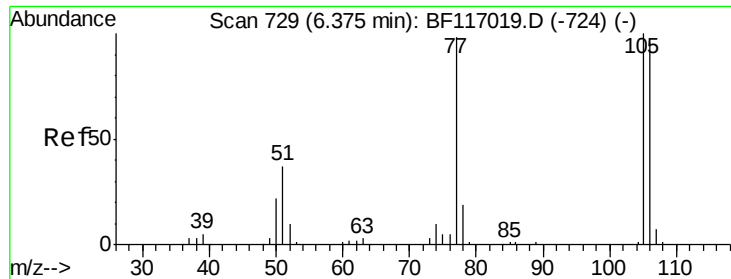
Acq: 16 Sep 2019 13:31

Tgt Ion:	128	Resp:	175298
Ion Ratio	Lower	Upper	
128	100		
130	32.3	11.8	51.8
64	47.8	25.0	65.0



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: 42.786 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF117059.D

Acq: 16 Sep 2019 13:31

Instrument :

BNA_F

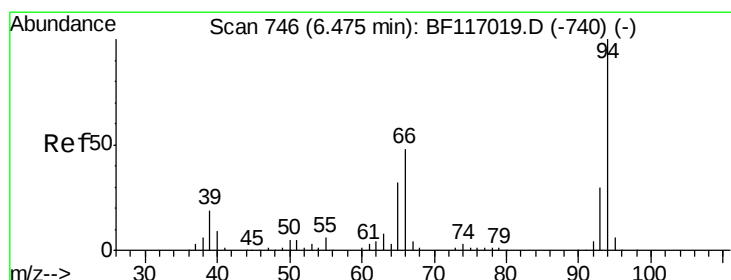
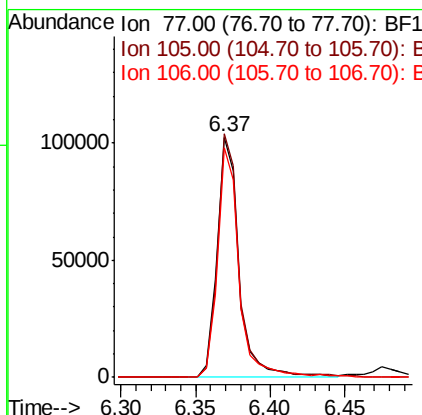
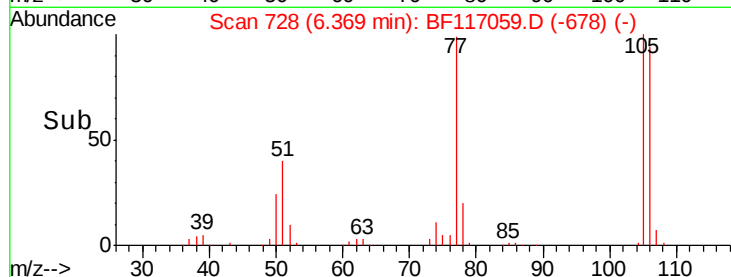
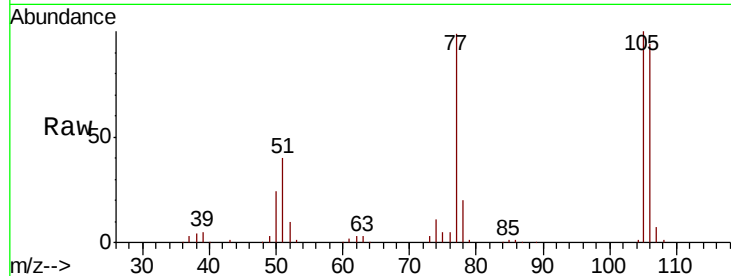
ClientSampleId :

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Tot Ion:	77	Resp:	105525
Ion	Ratio	Lower	Upper
77	100		
105	101.4	81.8	121.8
106	95.7	77.3	117.3

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#10

Phenol

Concen: 44.387 ng

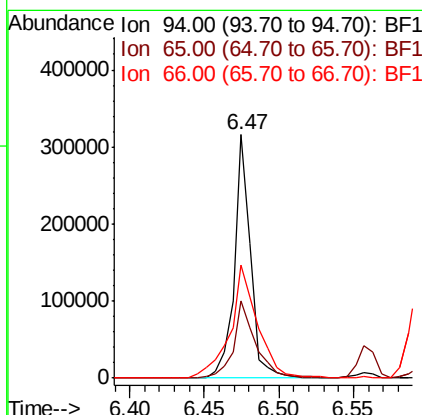
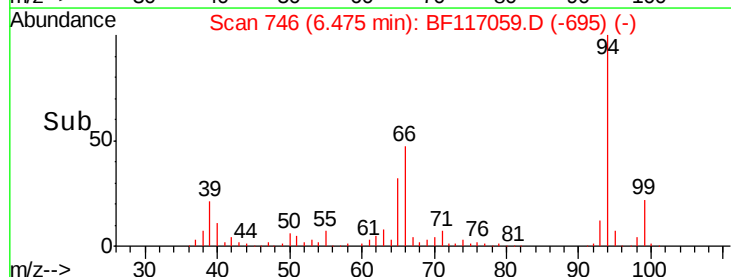
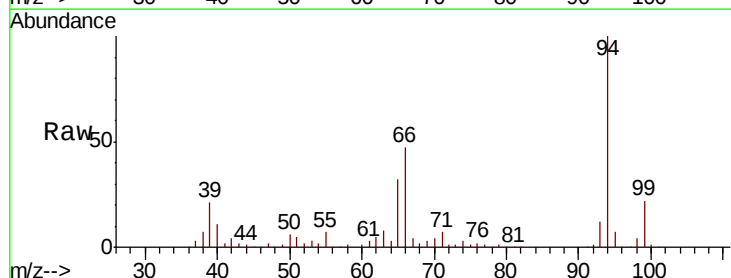
RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF117059.D

Acq: 16 Sep 2019 13:31

Tgt Ion:	94	Resp:	245302
Ion	Ratio	Lower	Upper
94	100		
65	31.9	12.5	52.5
66	46.5	28.9	68.9





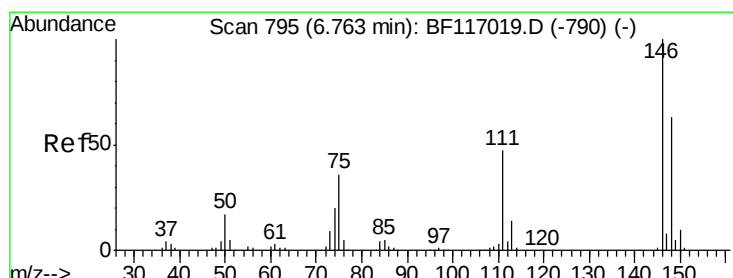
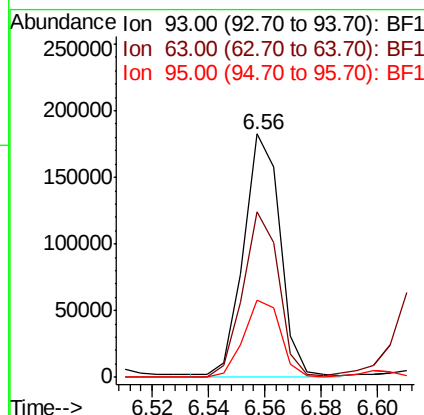
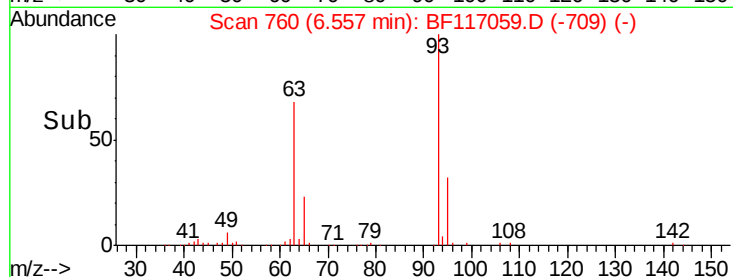
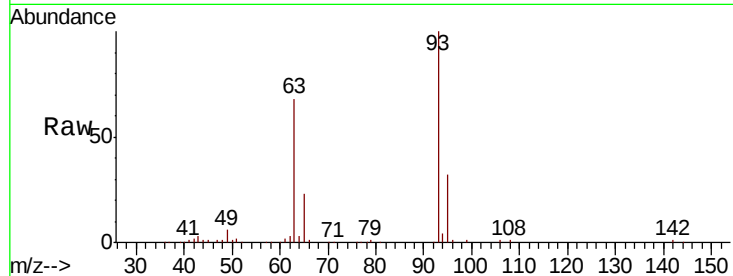
#11
bis(2-Chloroethyl)ether
Concen: 40.603 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF117059.D
Acq: 16 Sep 2019 13:31

Instrument :
BNA_F
ClientSampleId :
RT-1868-RBR-200035MSD

Tot Ion:	93	Resp:	164918
Ion Ratio	Lower	Upper	
93	100		
63	68.2	49.3	89.3
95	31.5	11.5	51.5

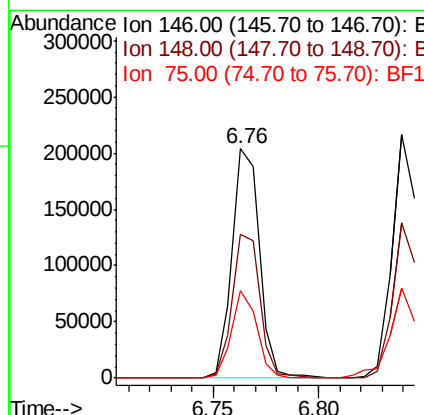
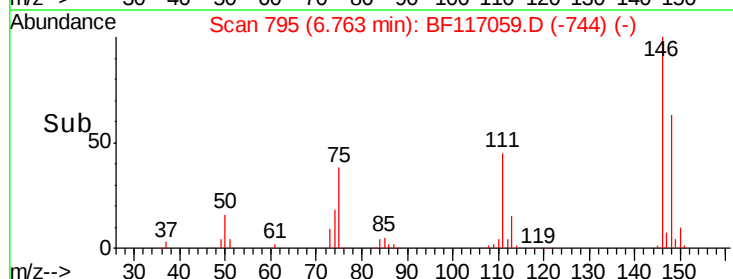
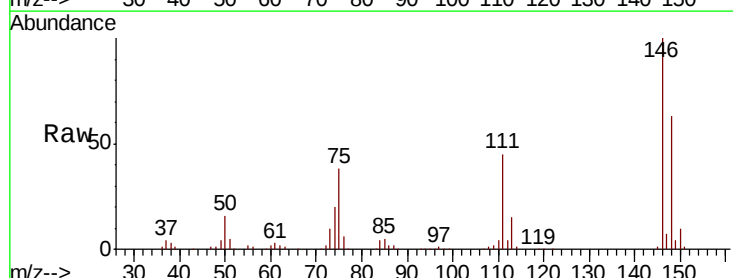
Manual Integrations
APPROVED

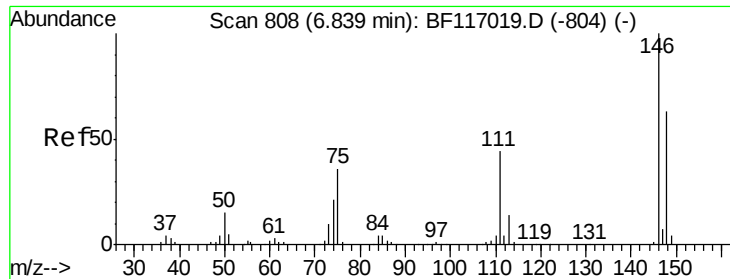
mohammad
9/17/2019 1:25:27 PM



#12
1,3-Dichlorobenzene
Concen: 39.151 ng
RT: 6.76 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF117059.D
Acq: 16 Sep 2019 13:31

Tgt Ion:	146	Resp:	183844
Ion Ratio	Lower	Upper	
146	100		
148	62.5	50.8	76.2
75	38.3	28.7	43.1





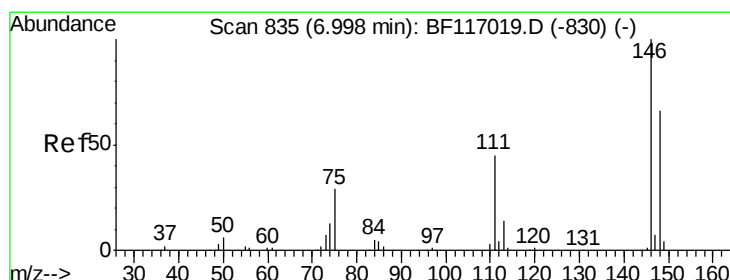
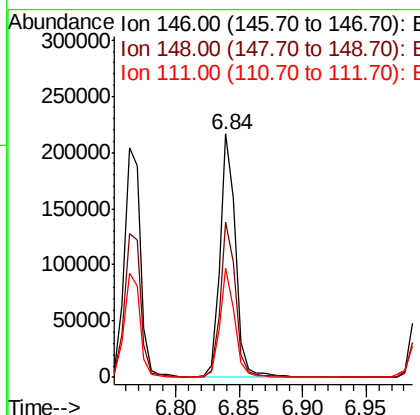
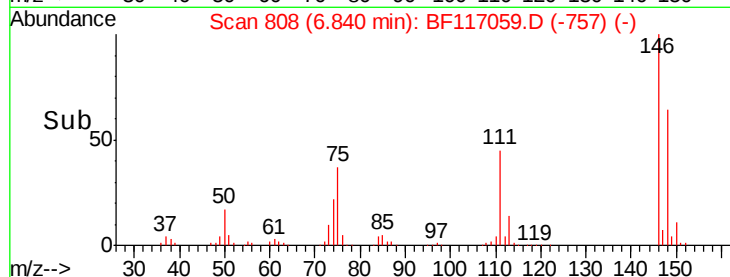
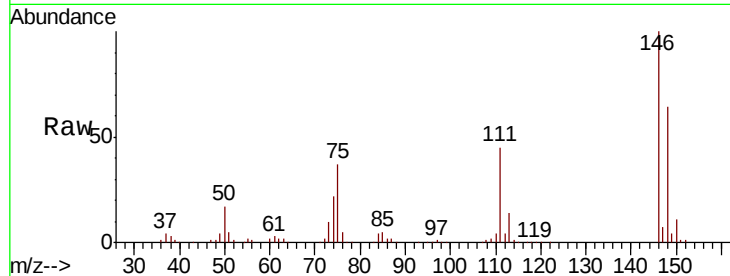
#13
1,4-Dichlorobenzene
Concen: 39.000 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF117059.D
Acq: 16 Sep 2019 13:31

Instrument :
BNA_F
ClientSampleId :
RT-1868-RBR-200035MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.6	76.0
111	44.7	35.0	52.6

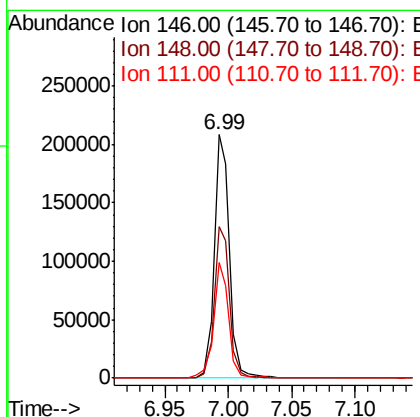
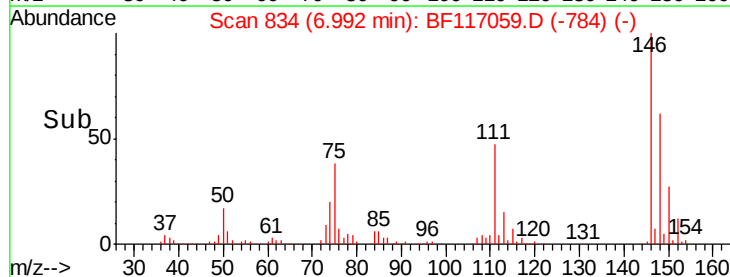
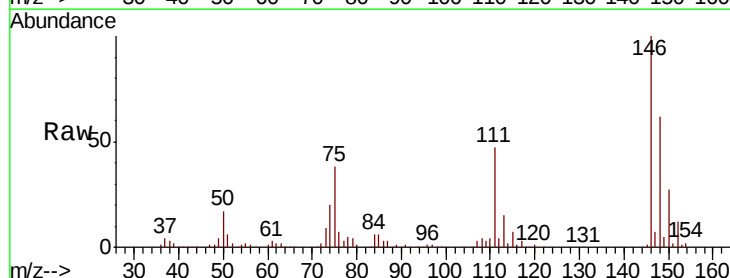
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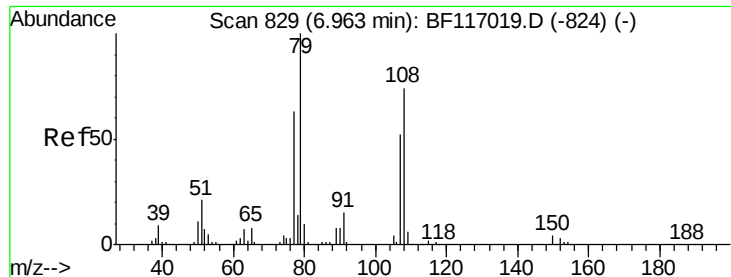
mohammad
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#14
1,2-Dichlorobenzene
Concen: 39.595 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF117059.D
Acq: 16 Sep 2019 13:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	52.6	78.8
111	47.2	36.2	54.2





#15

Benzyl Alcohol

Concen: 42.579 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF117059.D

Acq: 16 Sep 2019 13:31

Instrument :

BNA_F

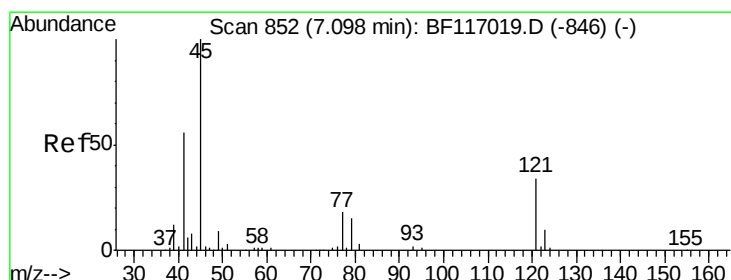
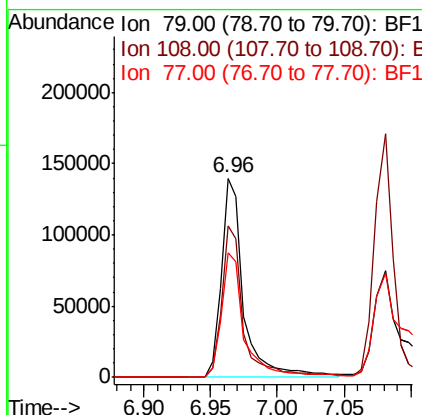
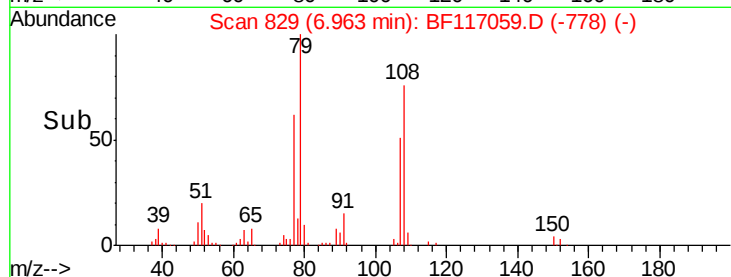
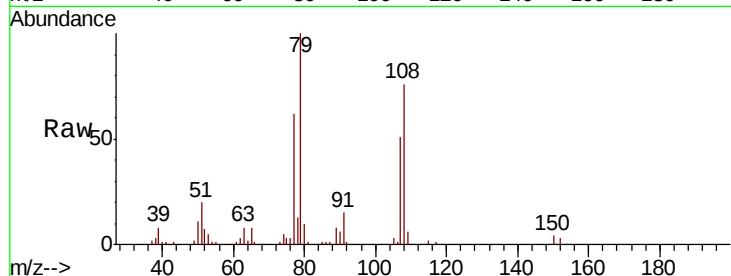
ClientSampleId :

RT-1868-RBR-200035MSD

Tot Ion:	79	Resp:	163687
Ion Ratio	Lower	Upper	
79	100		
108	76.3	59.4	89.0
77	62.5	50.2	75.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.114 ng

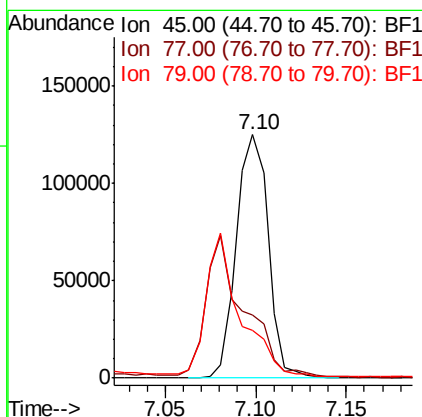
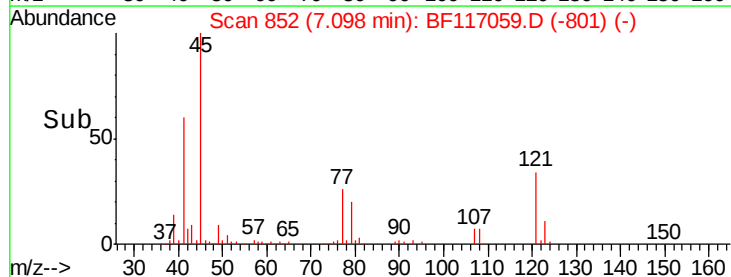
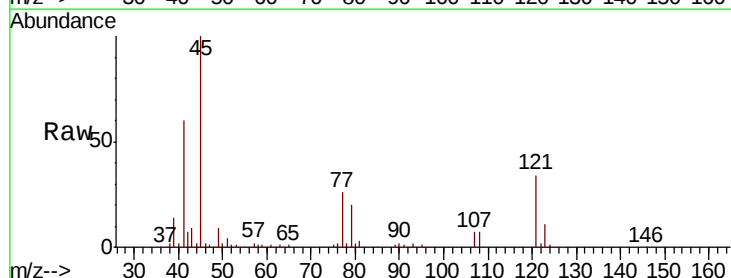
RT: 7.10 min Scan# 852

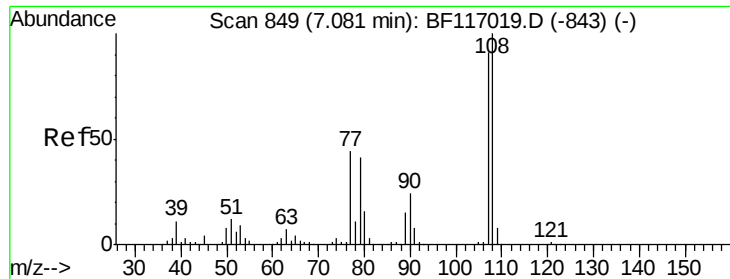
Delta R.T. 0.00 min

Lab File: BF117059.D

Acq: 16 Sep 2019 13:31

Tgt Ion:	45	Resp:	152948
Ion Ratio	Lower	Upper	
45	100		
77	25.9	2.7	42.7
79	19.9	0.0	38.9





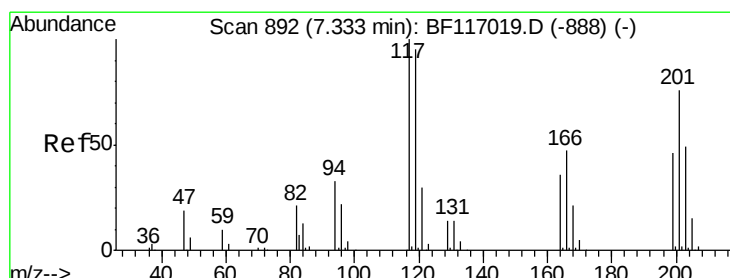
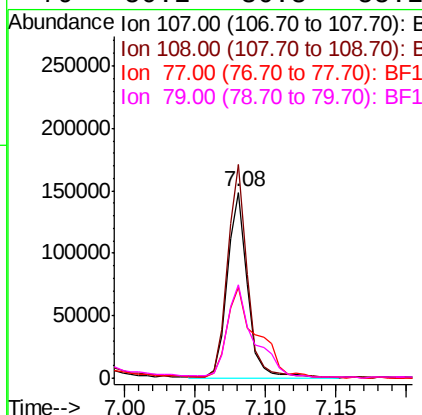
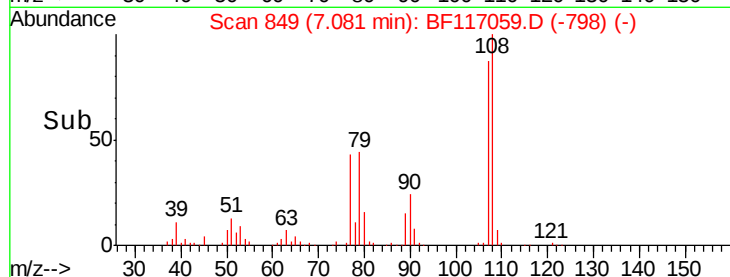
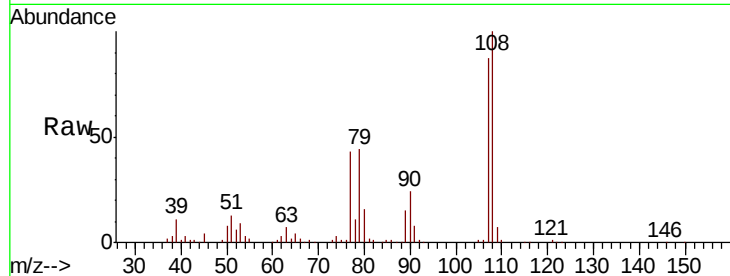
#17
2-Methylphenol
Concen: 42.098 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF117059.D
Acq: 16 Sep 2019 13:31

Instrument :
BNA_F
ClientSampleId :
RT-1868-RBR-200035MSD

Tot Ion:	107	Resp:	147644
Ion Ratio	Lower	Upper	
107	100		
108	114.7	87.7	131.5
77	49.1	38.6	58.0
79	50.2	36.8	55.2

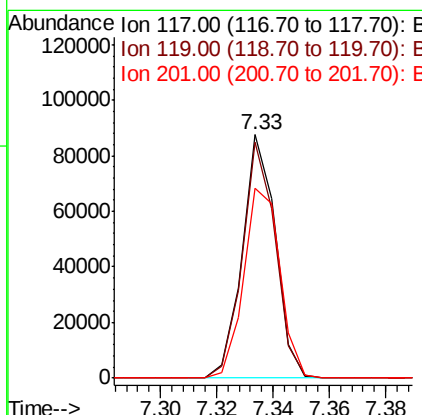
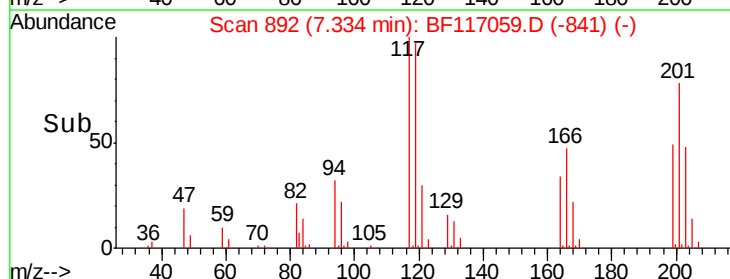
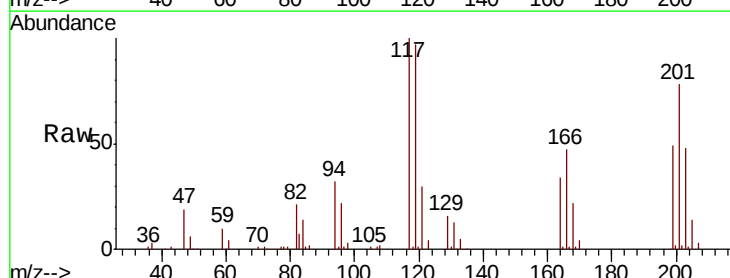
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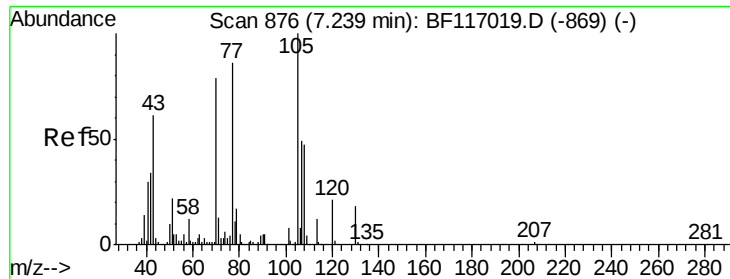
mohammad
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#18
Hexachloroethane
Concen: 38.661 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF117059.D
Acq: 16 Sep 2019 13:31

Tgt Ion:	117	Resp:	71273
Ion Ratio	Lower	Upper	
117	100		
119	96.8	75.8	113.8
201	77.9	60.9	91.3





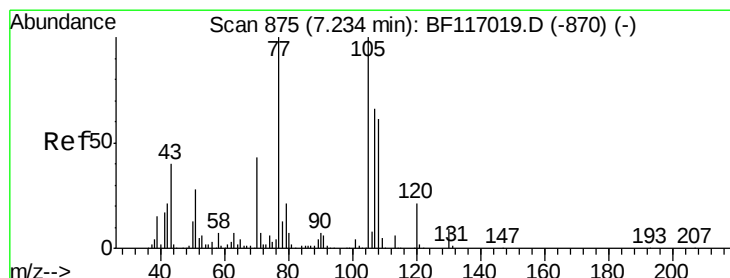
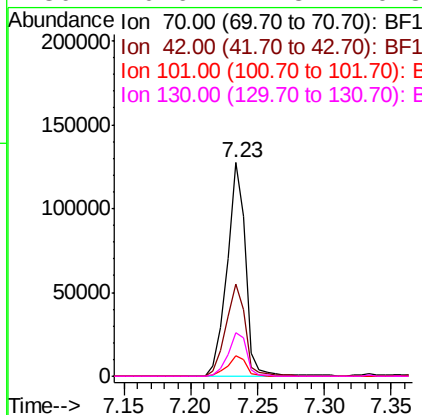
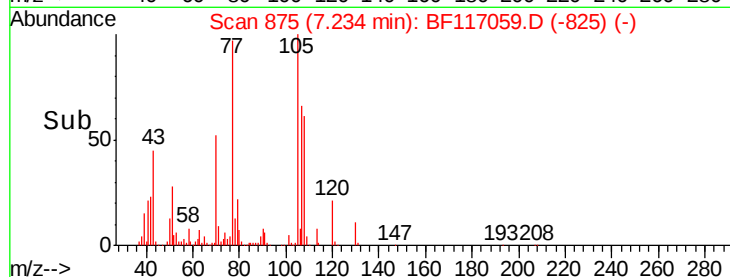
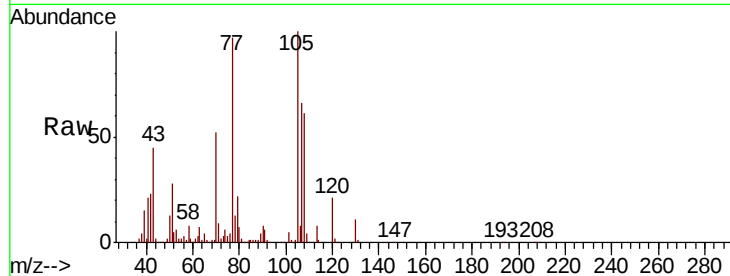
#19
n-Nitroso-di-n-propylamine
Concen: 41.086 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF117059.D
Acq: 16 Sep 2019 13:31

Instrument :
BNA_F
ClientSampleId :
RT-1868-RBR-200035MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	43.3	34.0	51.0
101	9.7	7.8	11.6
130	20.6	17.8	26.8

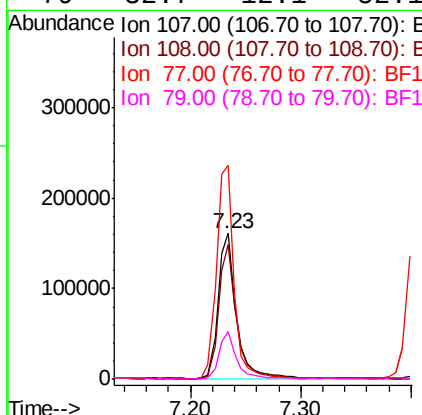
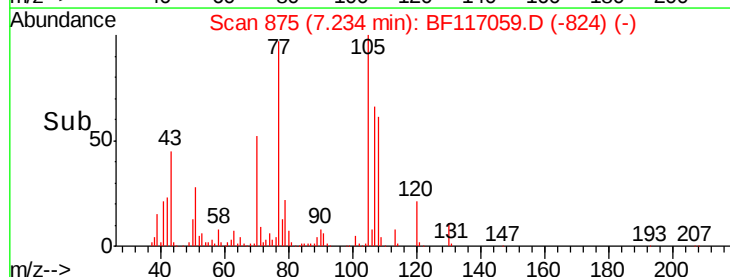
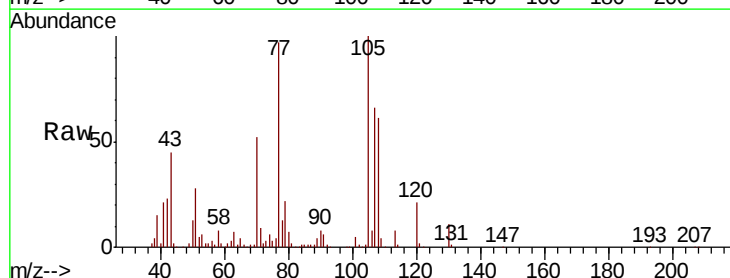
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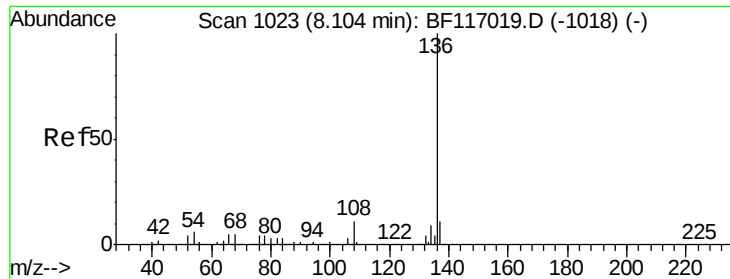
mohammad
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#20
3+4-Methylphenols
Concen: 41.950 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117059.D
Acq: 16 Sep 2019 13:31

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.1	72.6	112.6
77	146.9	132.1	172.1
79	32.7	12.1	52.1





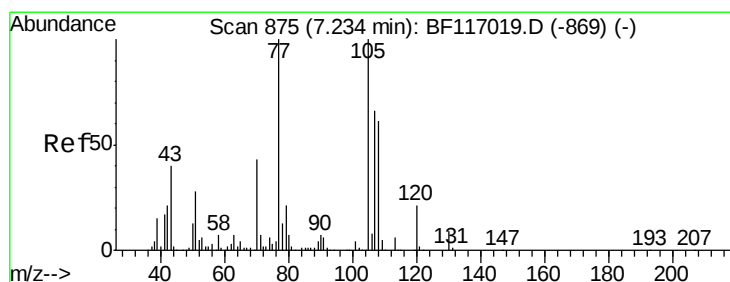
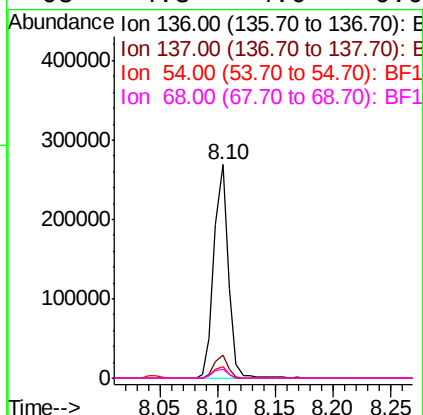
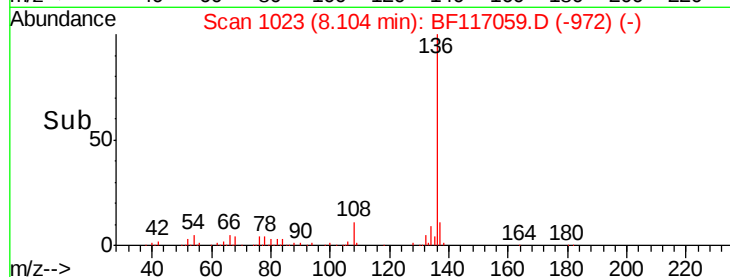
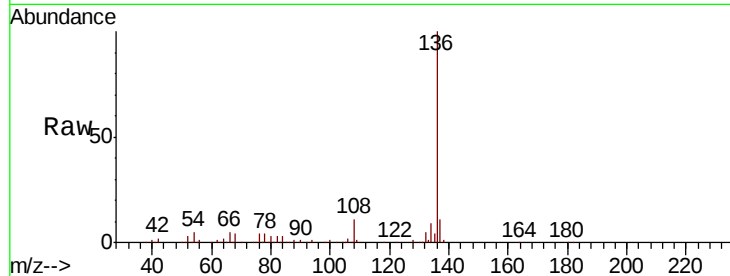
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117059.D
Acq: 16 Sep 2019 13:31

Instrument :
BNA_F
ClientSampleId :
RT-1868-RBR-200035MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		235449		
137	10.5		9.0	13.4	
54	5.2		4.5	6.7	
68	4.3		4.0	6.0	

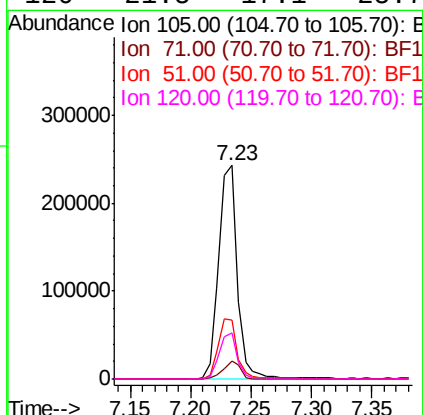
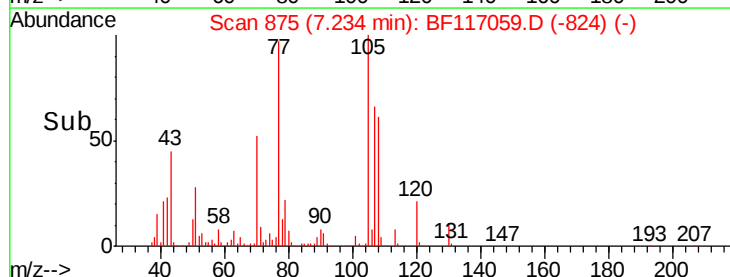
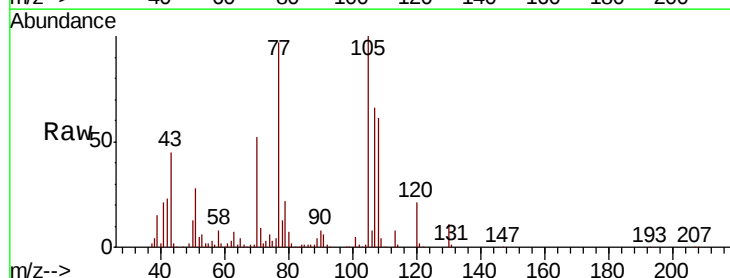
Manual Integrations
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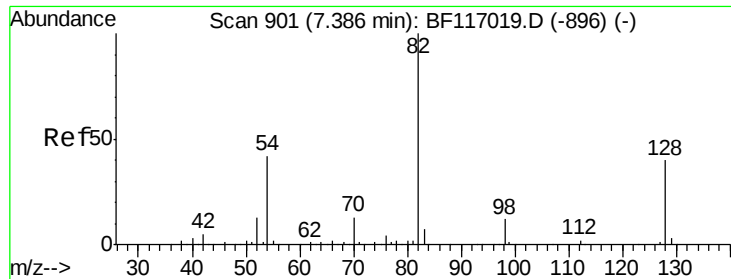
mohammad
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#22
Acetophenone
Concen: 43.443 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117059.D
Acq: 16 Sep 2019 13:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		259877		
71	8.6		5.7	8.5#	
51	27.7		22.1	33.1	
120	21.5		17.1	25.7	





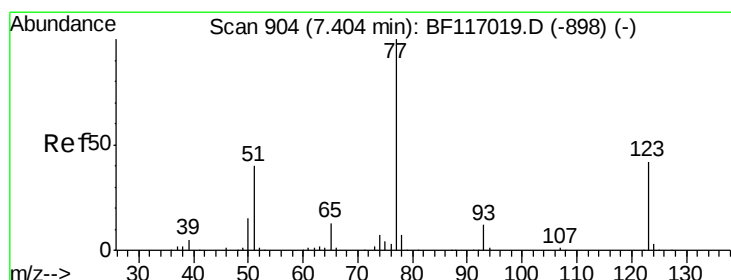
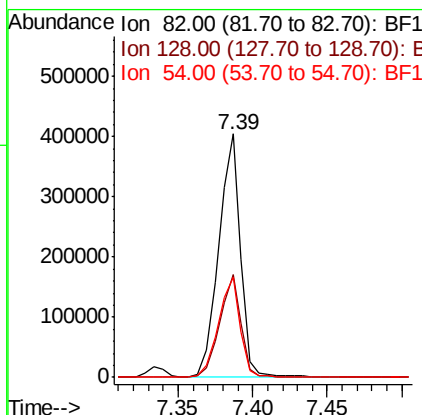
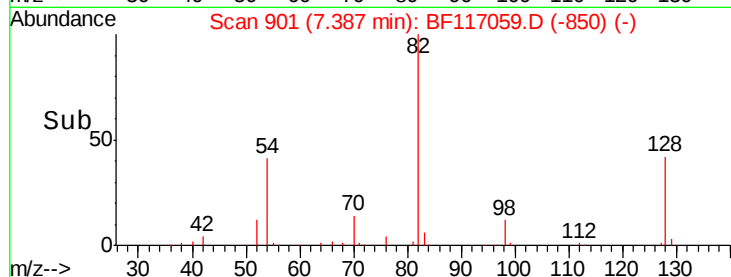
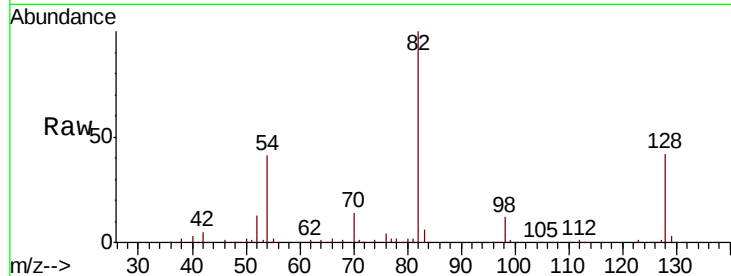
#23
 Nitrobenzene-d5
 Concen: 92.807 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF117059.D
 Acq: 16 Sep 2019 13:31

Instrument :
 BNA_F
 ClientSampleId :
 RT-1868-RBR-200035MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	415880		
128	42.3		32.3	48.5
54	41.4		33.3	49.9

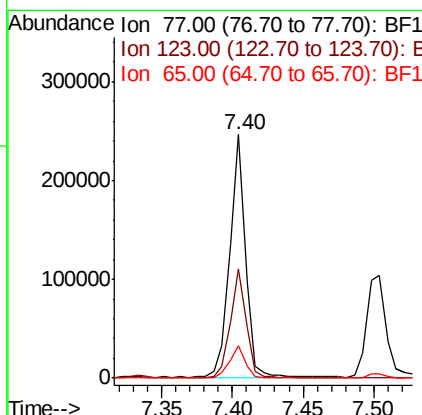
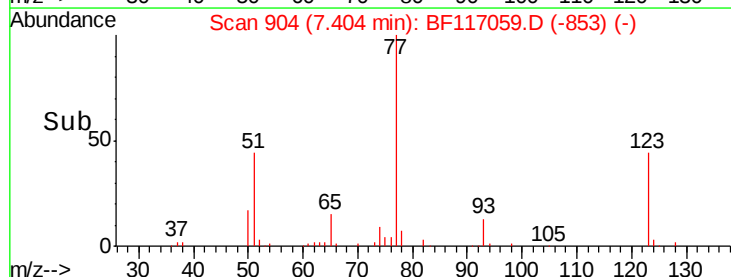
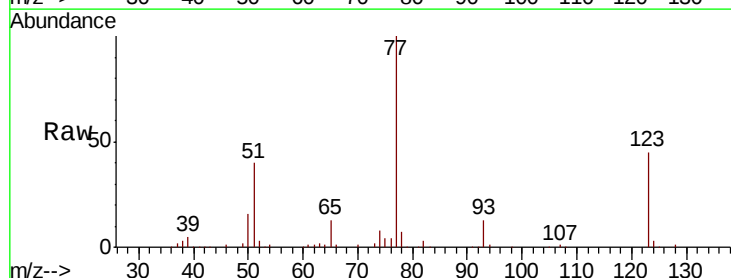
Manual Integrations
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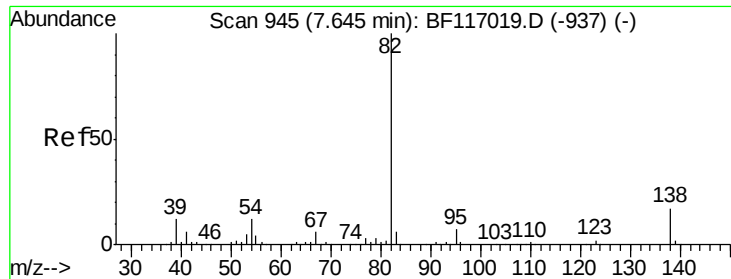
mohammad
 9/17/2019 1:25:27 PM



#24
 Nitrobenzene
 Concen: 44.496 ng
 RT: 7.40 min Scan# 904
 Delta R.T. 0.00 min
 Lab File: BF117059.D
 Acq: 16 Sep 2019 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	196909		
123	44.6		33.5	50.3
65	13.5		10.5	15.7





#25

Isophorone

Concen: 43.844 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF117059.D

Acq: 16 Sep 2019 13:31

Instrument :

BNA_F

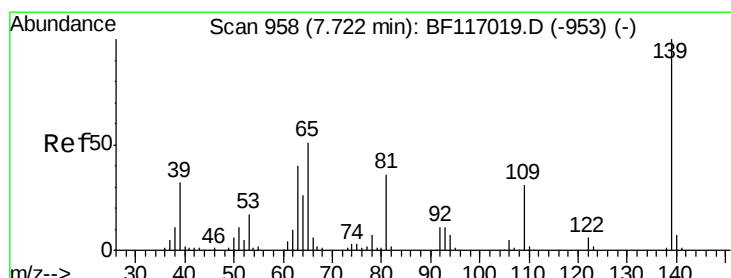
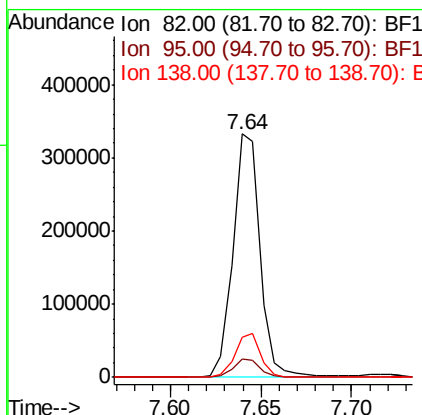
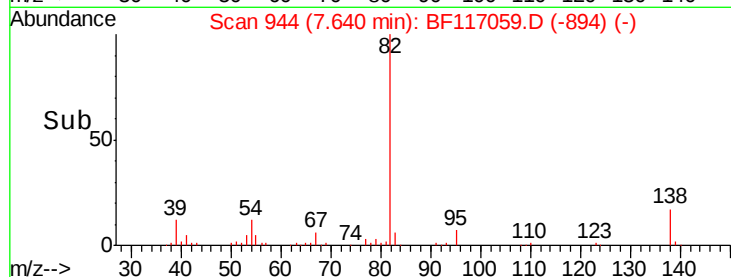
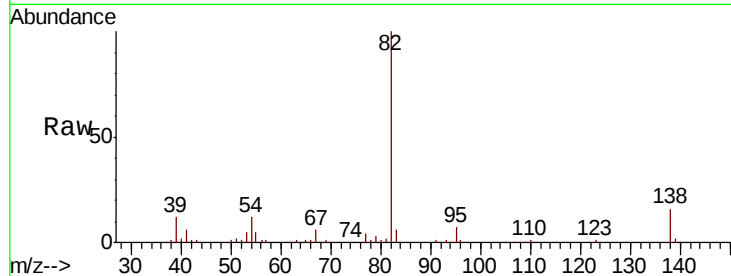
ClientSampleId :

RT-1868-RBR-200035MSD

Tot Ion:	82	Resp:	347865
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.8	8.6
138	16.4	13.5	20.3

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#26

2-Nitrophenol

Concen: 47.604 ng

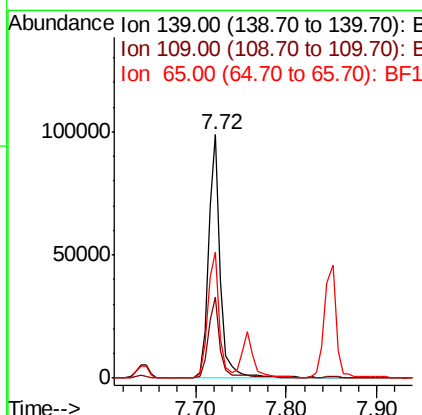
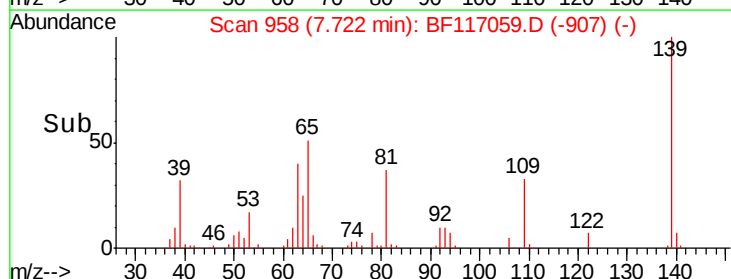
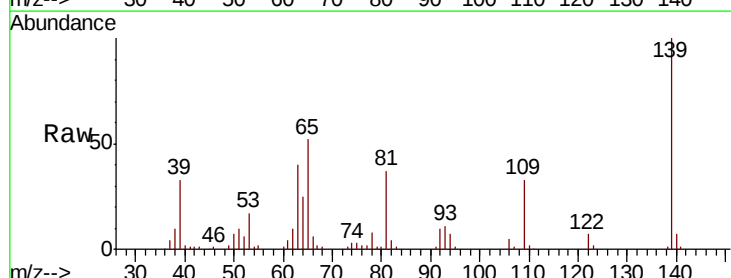
RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF117059.D

Acq: 16 Sep 2019 13:31

Tgt Ion:	139	Resp:	90486
Ion Ratio	Lower	Upper	
139	100		
109	33.3	24.6	36.8
65	51.7	40.9	61.3





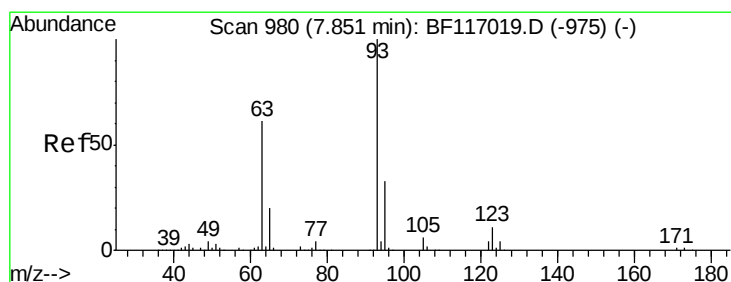
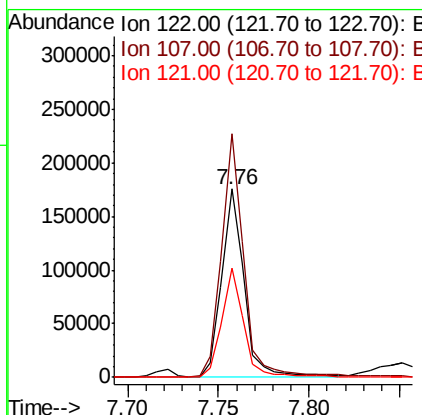
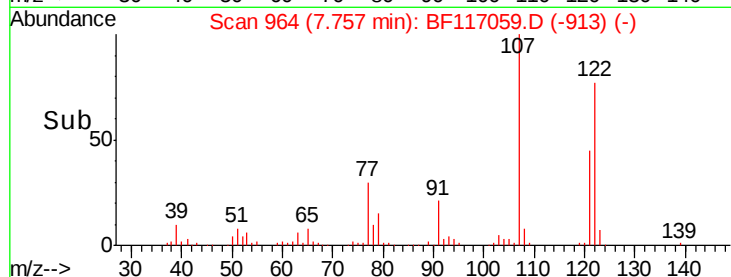
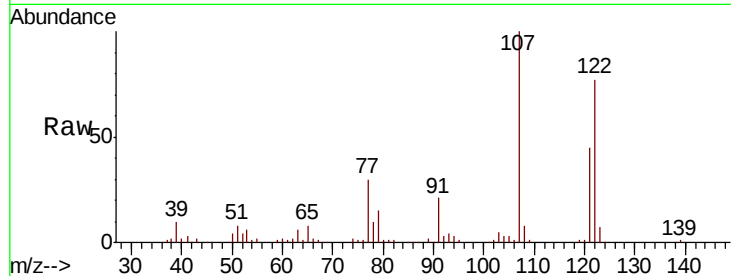
#27
2,4-Dimethylphenol
Concen: 49.741 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF117059.D
Acq: 16 Sep 2019 13:31

Instrument :
BNA_F
ClientSampleId :
RT-1868-RBR-200035MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	149936		
107	129.5	98.9	148.3	
121	58.0	45.3	67.9	

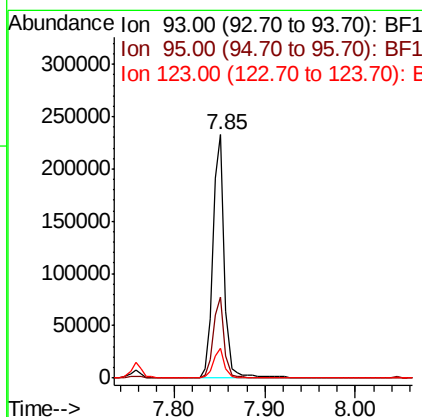
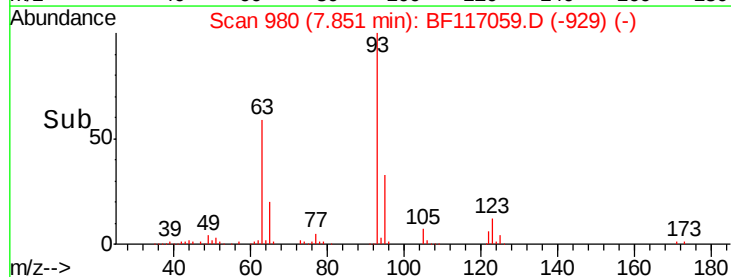
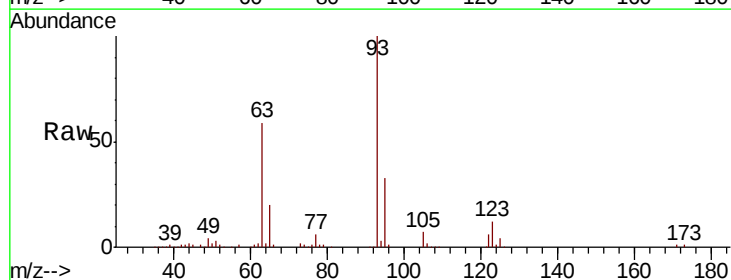
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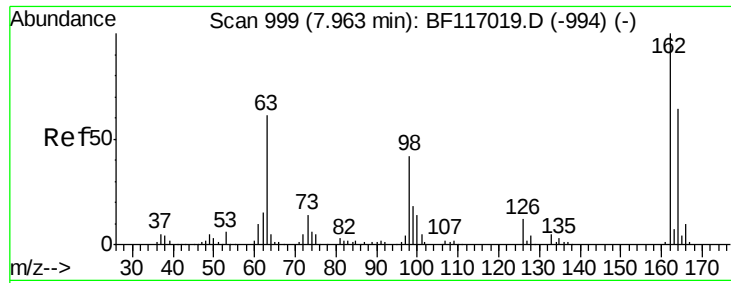
mohammad
9/17/2019 1:25:27 PM



#28
bis(2-Chloroethoxy)methane
Concen: 42.678 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF117059.D
Acq: 16 Sep 2019 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	208625		
95	33.1	26.2	39.4	
123	12.2	9.0	13.6	





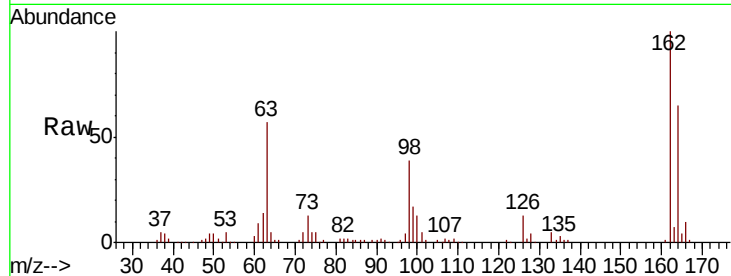
#29
 2,4-Dichlorophenol
 Concen: 45.444 ng
 RT: 7.96 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: BF117059.D
 Acq: 16 Sep 2019 13:31

Instrument :
 BNA_F
 ClientSampleId :
 RT-1868-RBR-200035MSD

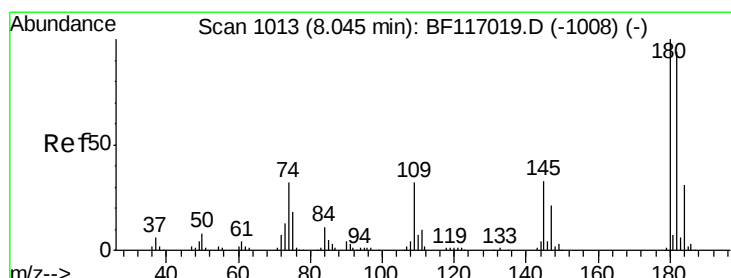
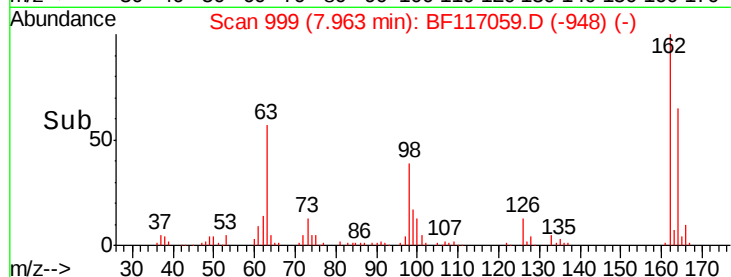
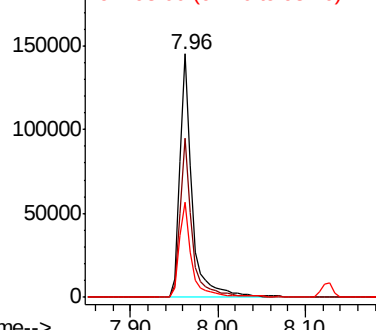
Tot Ion:	162	Resp:	143533
Ion Ratio	Lower	Upper	
162	100		
164	65.2	43.8	83.8
98	39.3	22.1	62.1

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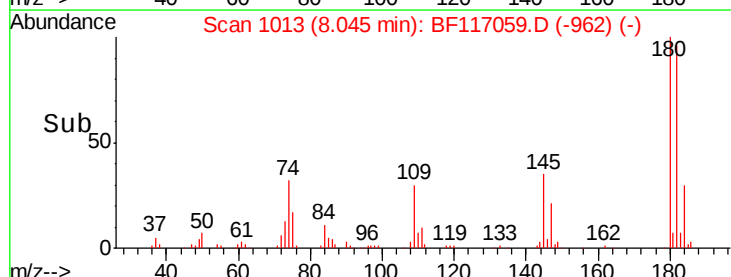
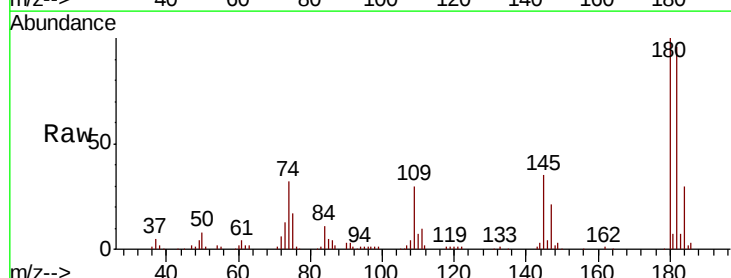
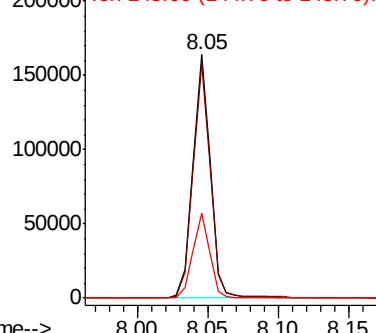
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

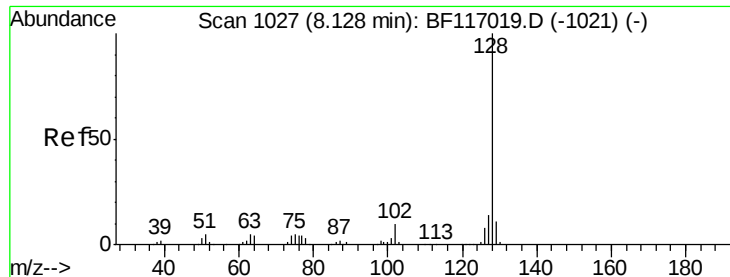


#30
 1,2,4-Trichlorobenzene
 Concen: 41.583 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BF117059.D
 Acq: 16 Sep 2019 13:31

Tgt Ion:	180	Resp:	141893
Ion Ratio	Lower	Upper	
180	100		
182	96.2	75.4	113.0
145	34.9	26.7	40.1

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





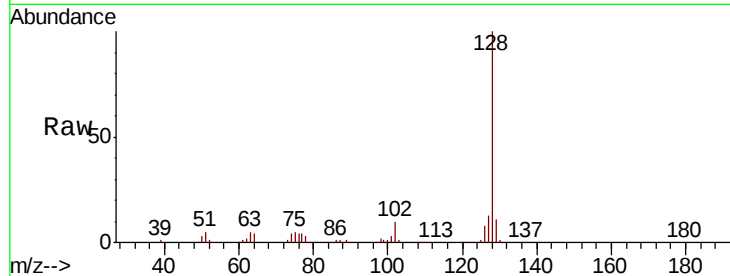
#31
Naphthalene
Concen: 44.020 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF117059.D
Acq: 16 Sep 2019 13:31

Instrument :
BNA_F
ClientSampleId :
RT-1868-RBR-200035MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.6	9.0	13.4	
127	13.5	10.8	16.2	

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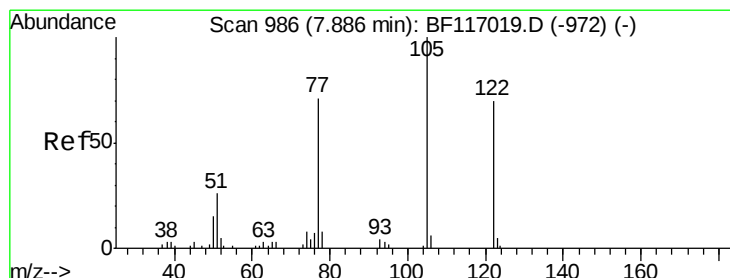
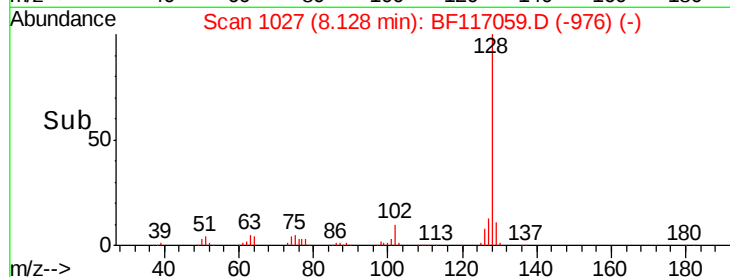
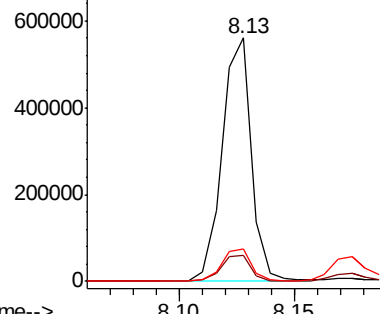


Abundance

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: 14.322 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.03 min
Lab File: BF117059.D
Acq: 16 Sep 2019 13:31

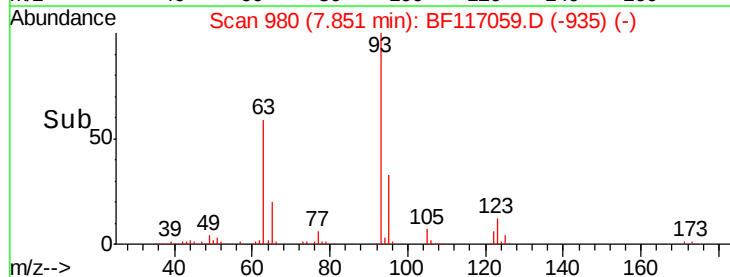
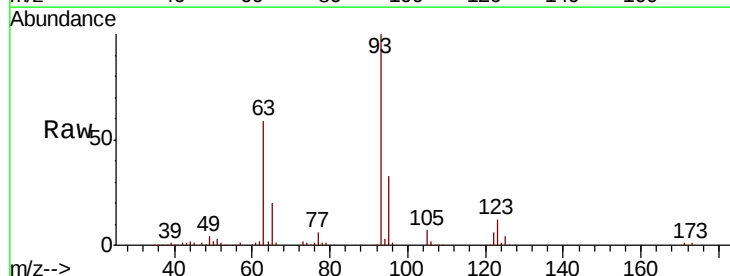
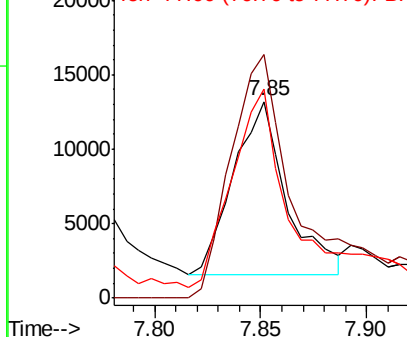
Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	124.0	114.8	154.8	
77	106.2	78.7	118.7	

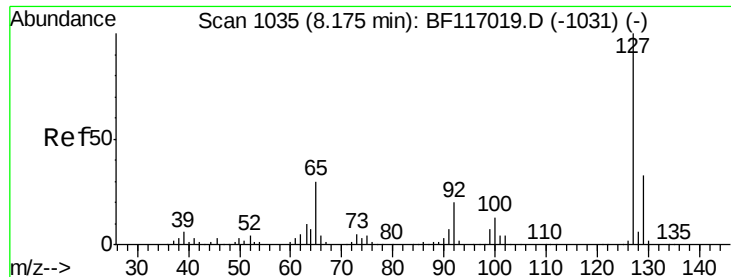
Abundance

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





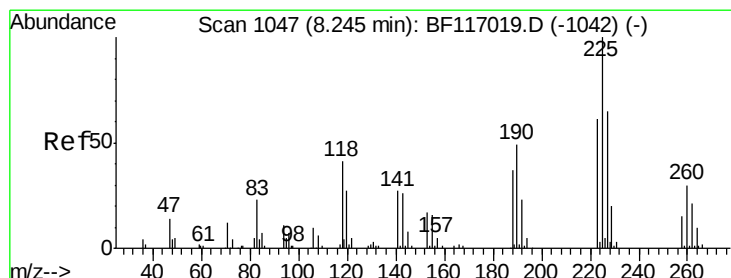
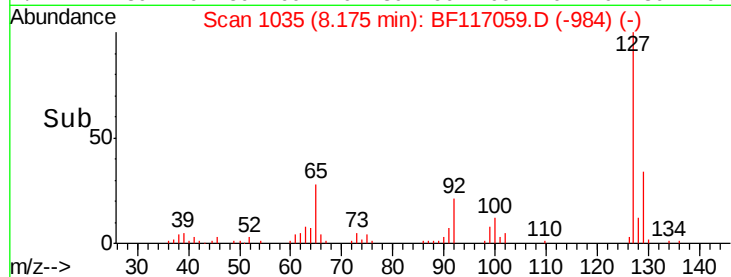
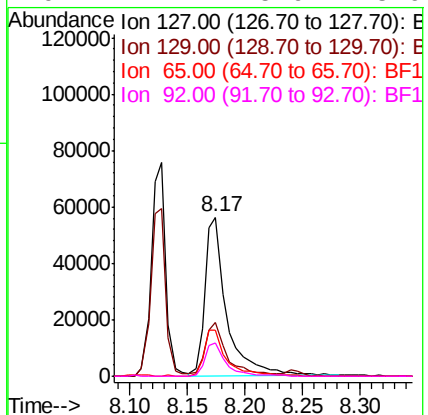
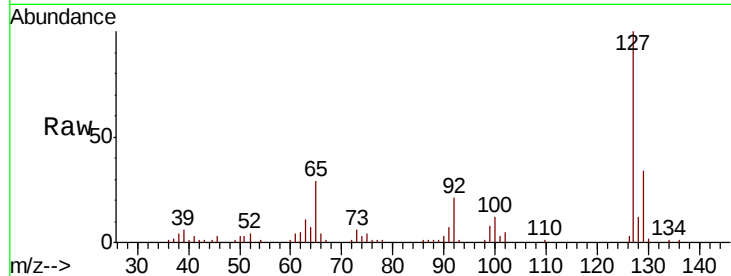
#33
4-Chloroaniline
Concen: 14.620 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF117059.D
Acq: 16 Sep 2019 13:31

Instrument :
BNA_F
ClientSampleId :
RT-1868-RBR-200035MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.8	26.2	39.2
65	29.1	23.5	35.3
92	21.2	15.9	23.9

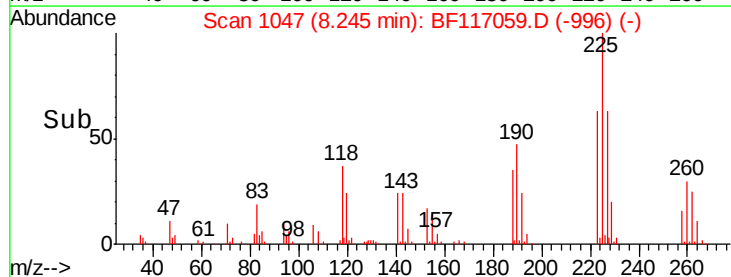
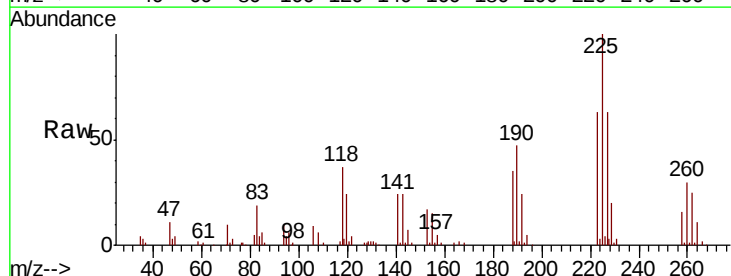
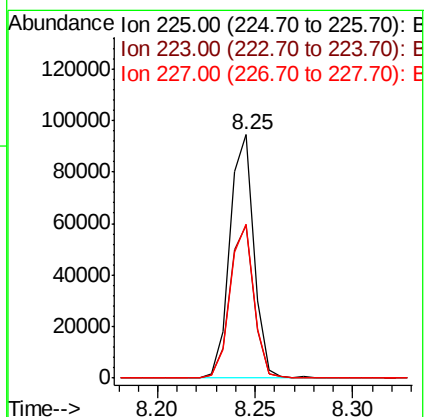
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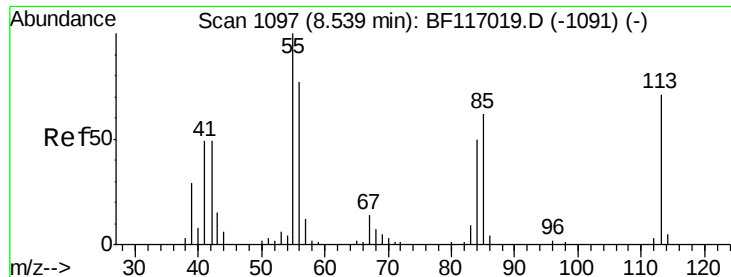
mohammad
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#34
Hexachlorobutadiene
Concen: 41.781 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF117059.D
Acq: 16 Sep 2019 13:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.1	73.7
227	63.2	52.2	78.2





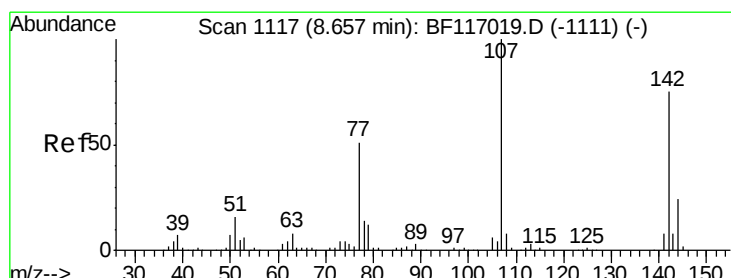
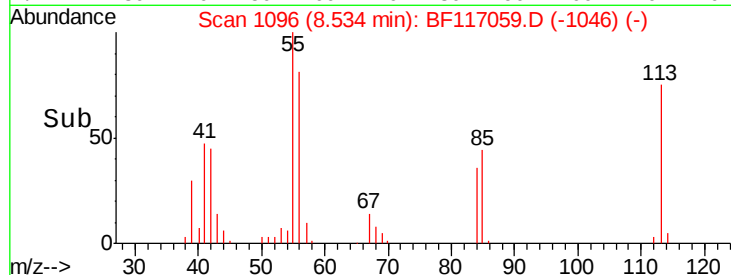
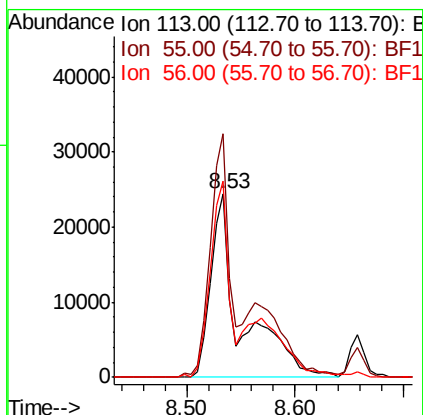
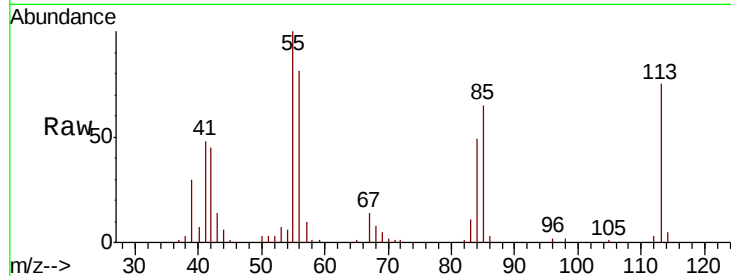
#35
Caprolactam
Concen: 43.858 ng/ml
RT: 8.53 min Scan# 1096
Delta R.T. -0.01 min
Lab File: BF117059.D
Acq: 16 Sep 2019 13:31

Instrument :
BNA_F
ClientSampleId :
RT-1868-RBR-200035MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	132.6	120.6	160.6		
56	107.0	88.8	128.8		

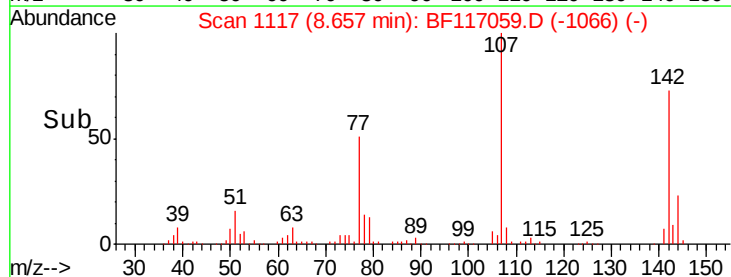
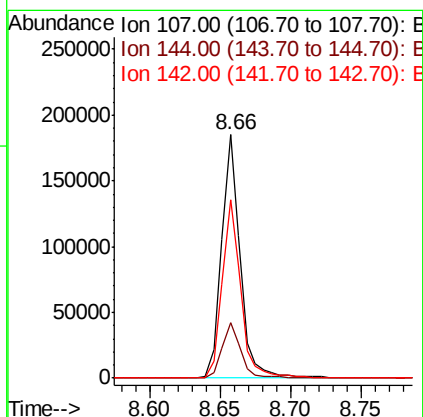
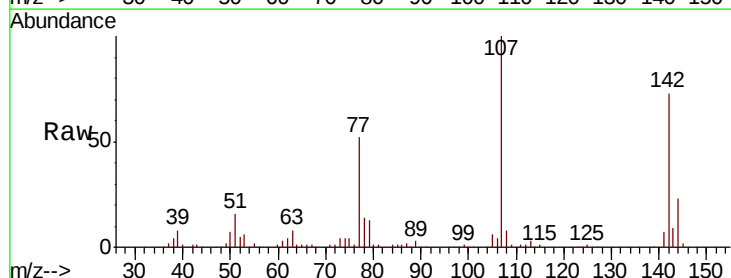
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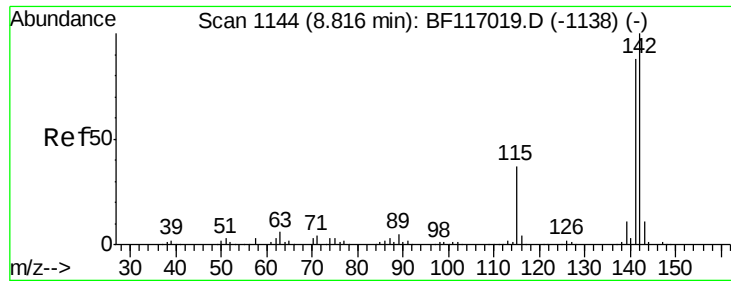
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 46.171 ng/ml
RT: 8.66 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BF117059.D
Acq: 16 Sep 2019 13:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	22.7	19.2	28.8		
142	73.5	59.6	89.4		





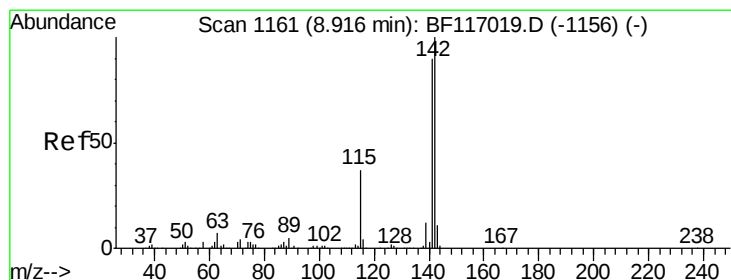
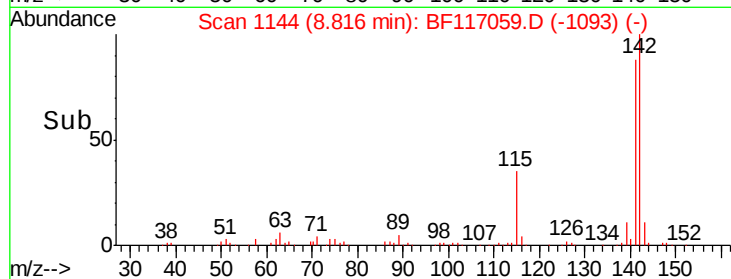
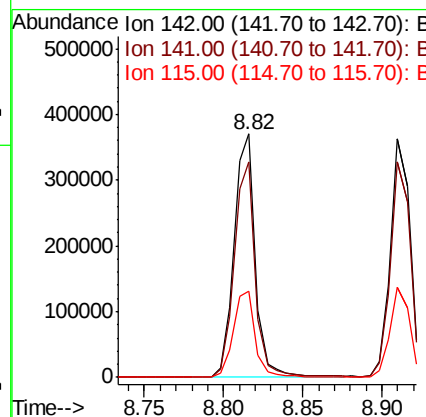
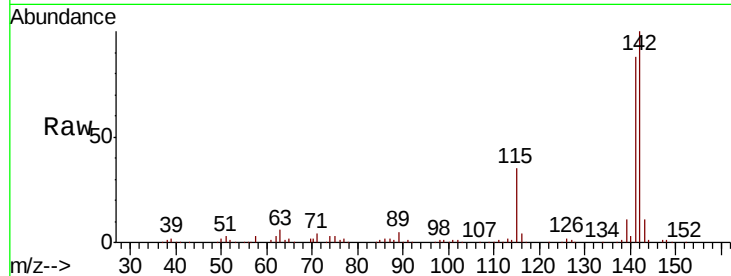
#37
2-Methylnaphthalene
Concen: 45.314 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF117059.D
Acq: 16 Sep 2019 13:31

Instrument :
BNA_F
ClientSampleId :
RT-1868-RBR-200035MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.7	106.1
115	35.3	29.4	44.0

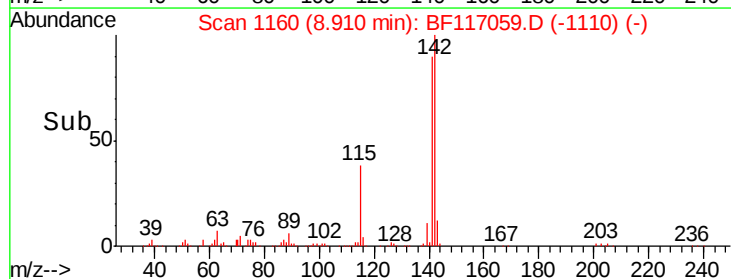
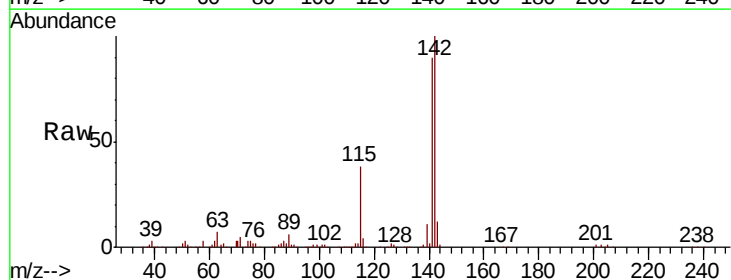
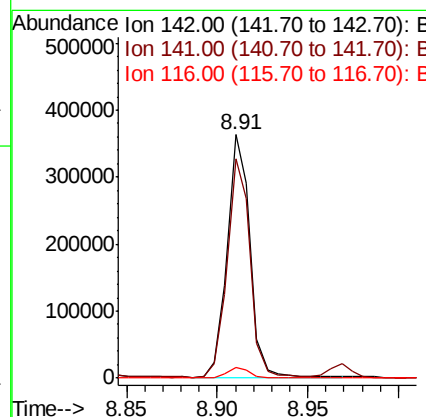
Manual Integrations
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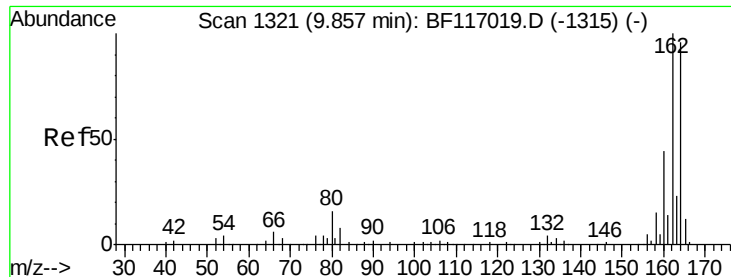
mohammad
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#38
1-Methylnaphthalene
Concen: 44.103 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF117059.D
Acq: 16 Sep 2019 13:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.9	107.9
116	4.3	3.2	4.8





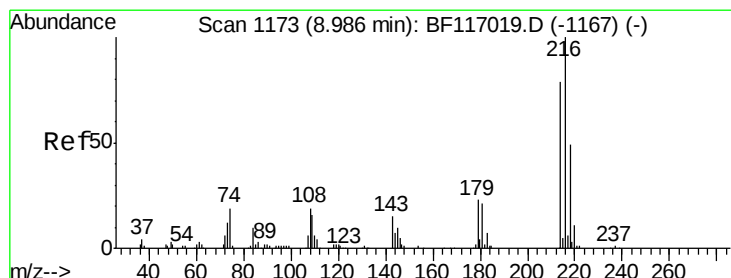
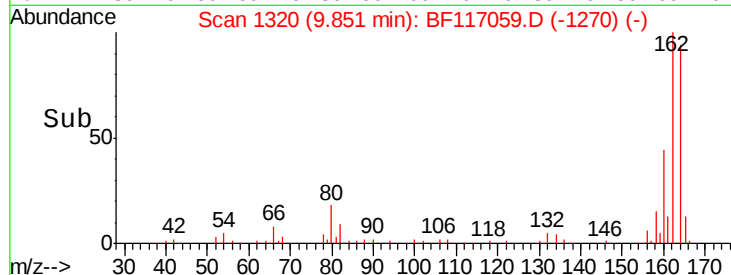
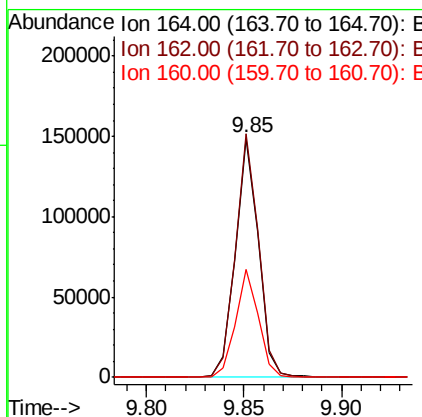
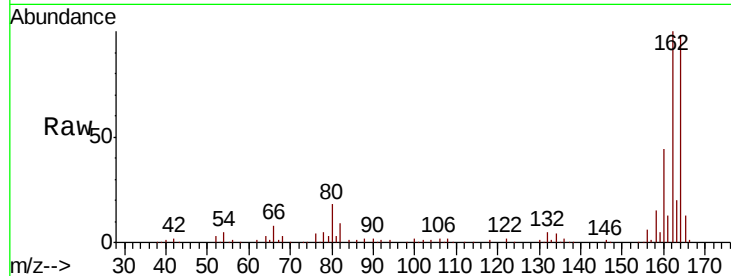
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117059.D
Acq: 16 Sep 2019 13:31

Instrument :
BNA_F
ClientSampleId :
RT-1868-RBR-200035MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.9	83.4	125.2	
160	45.1	36.4	54.6	

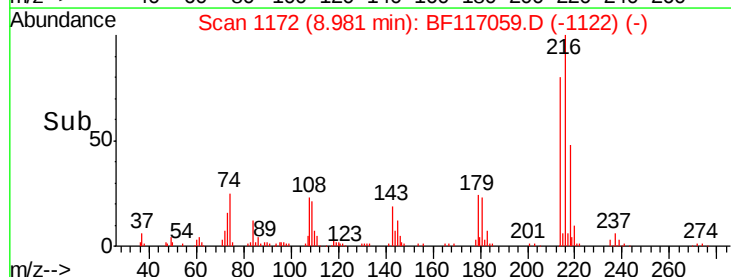
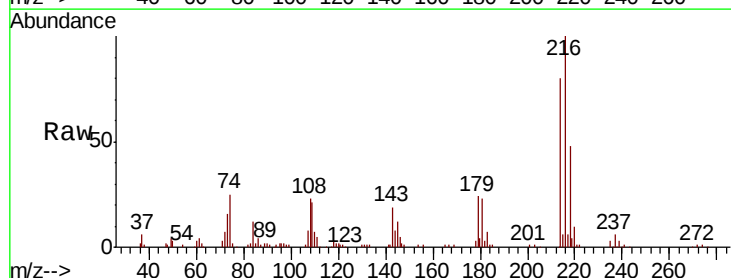
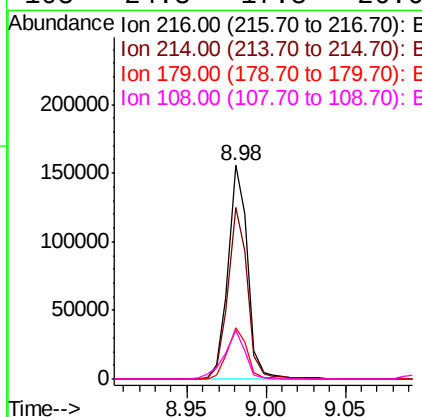
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.845 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF117059.D
Acq: 16 Sep 2019 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.4	63.6	95.4	
179	23.8	18.3	27.5	
108	24.3	17.8	26.6	





#41

Hexachlorocyclopentadiene

Concen: 79.163 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF117059.D

Acq: 16 Sep 2019 13:31

Instrument :

BNA_F

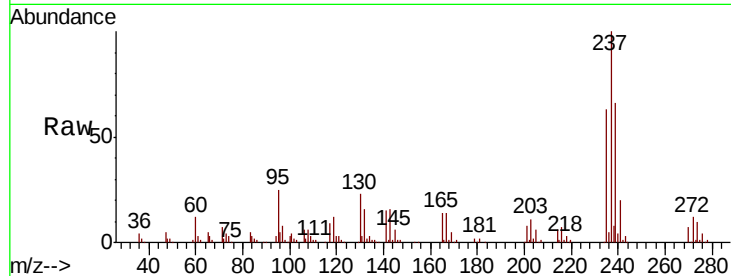
ClientSampleId :

RT-1868-RBR-200035MSD

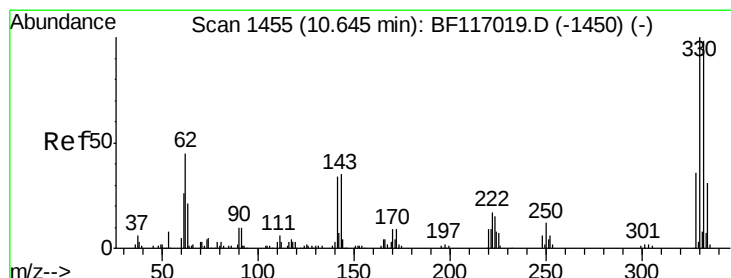
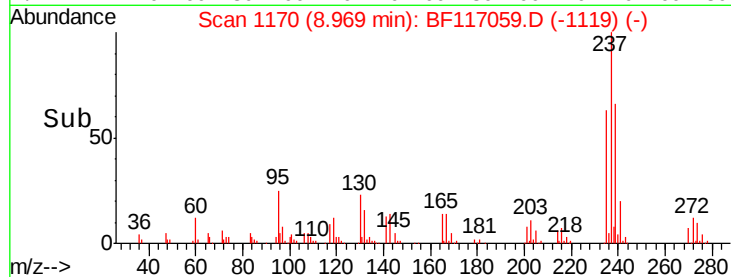
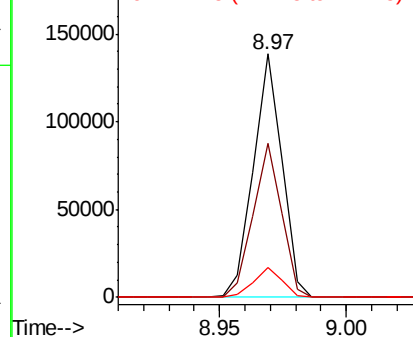
Tot Ion:	237	Resp:	109896
Ion Ratio		Lower	Upper
237	100		
235	63.4	43.2	83.2
272	12.5	0.0	31.9

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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: 144.773 ng

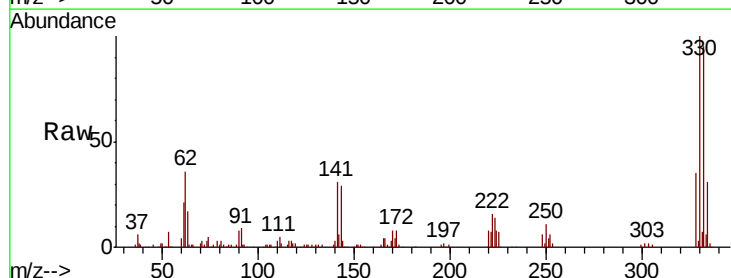
RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

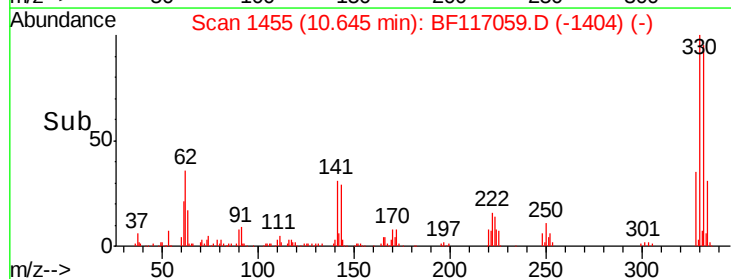
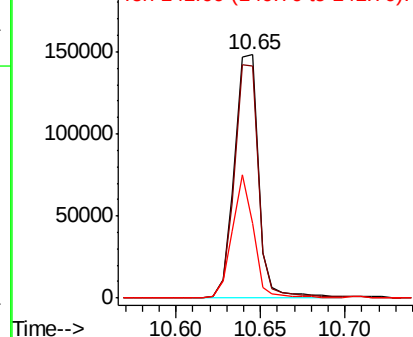
Lab File: BF117059.D

Acq: 16 Sep 2019 13:31

Tgt Ion:	330	Resp:	147328
Ion Ratio		Lower	Upper
330	100		
332	96.5	78.0	117.0
141	45.1	35.8	53.6



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





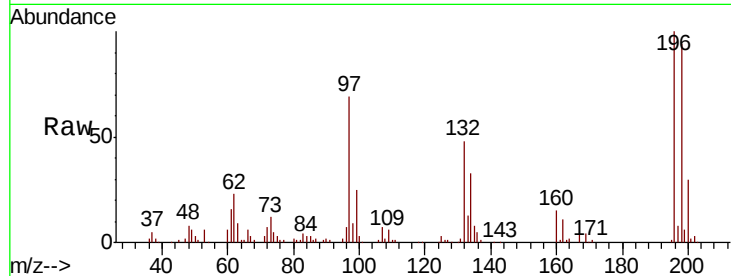
#43
 2,4,6-Trichlorophenol
 Concen: 43.088 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF117059.D
 Acq: 16 Sep 2019 13:31

Instrument :
 BNA_F
 ClientSampleId :
 RT-1868-RBR-200035MSD

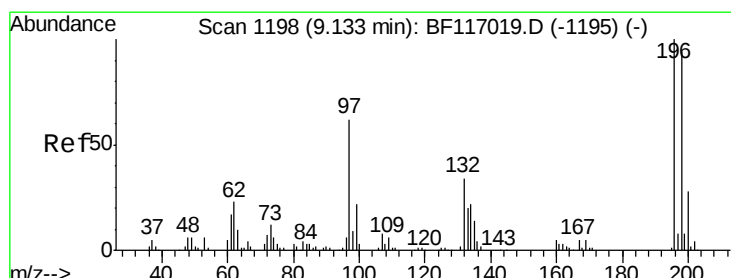
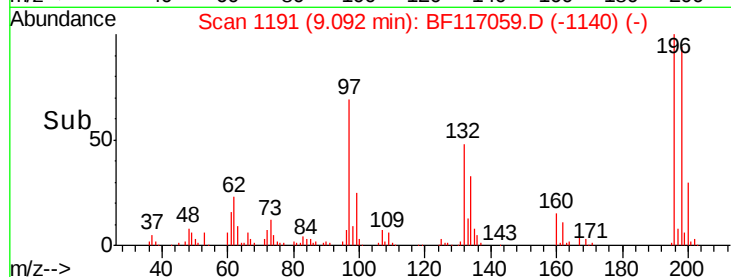
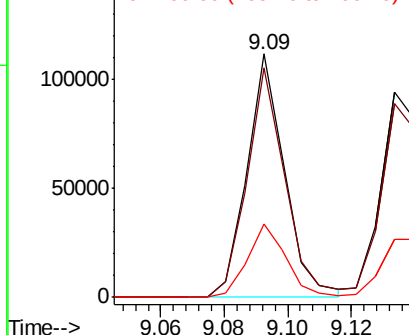
Tot Ion:	196	Resp:	91939
Ion Ratio	Lower	Upper	
196	100		
198	94.1	75.7	113.5
200	30.0	23.3	34.9

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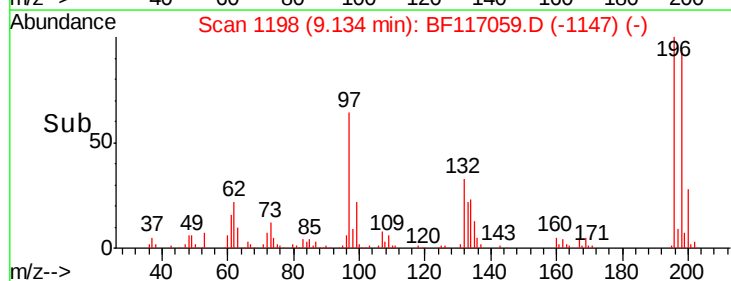
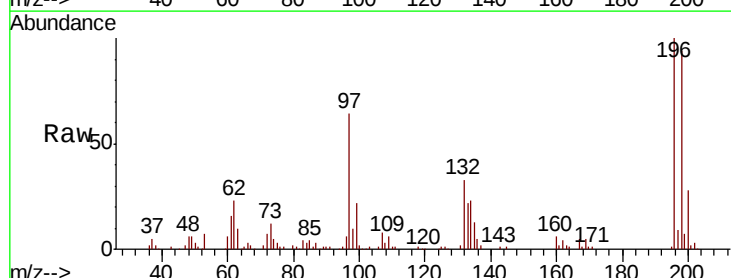
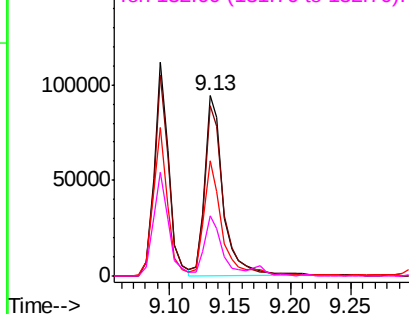
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

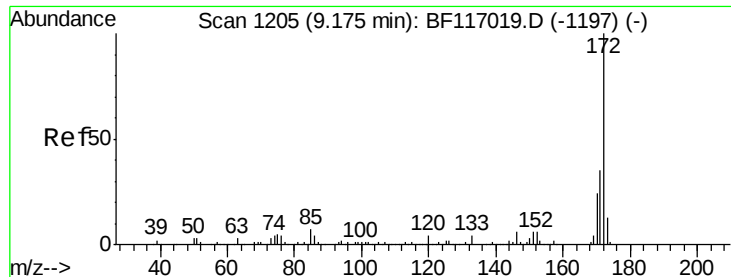


#44
 2,4,5-Trichlorophenol
 Concen: 44.110 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF117059.D
 Acq: 16 Sep 2019 13:31

Tgt Ion:	196	Resp:	100560
Ion Ratio	Lower	Upper	
196	100		
198	94.3	74.6	112.0
97	63.9	49.5	74.3
132	33.4	27.4	41.2

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E





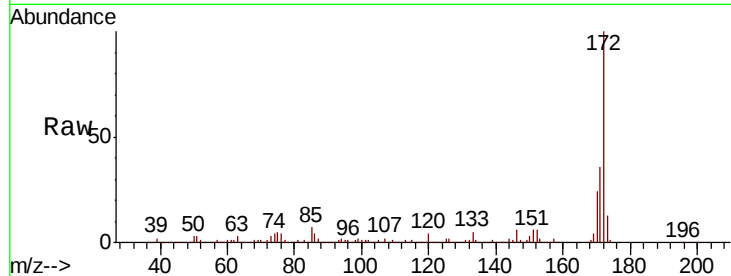
#45
2-Fluorobiphenyl
Concen: 91.935 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117059.D
Acq: 16 Sep 2019 13:31

Instrument :
BNA_F
ClientSampleId :
RT-1868-RBR-200035MSD

Tot Ion	Ratio	Resp	Lower	Upper
172	100	715932		
171	35.7		28.2	42.2
170	23.5		18.9	28.3

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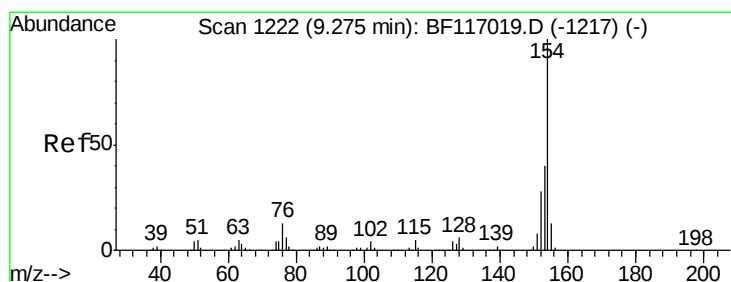
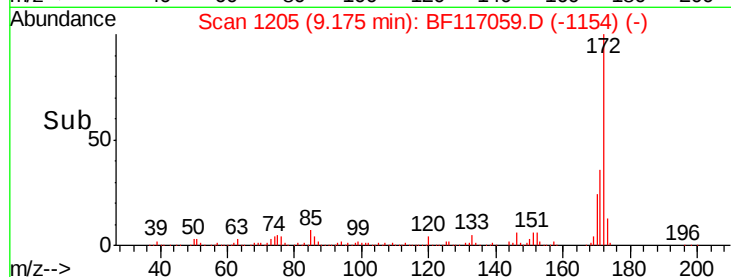
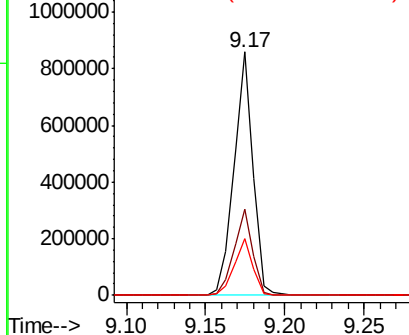


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 42.829 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF117059.D
Acq: 16 Sep 2019 13:31

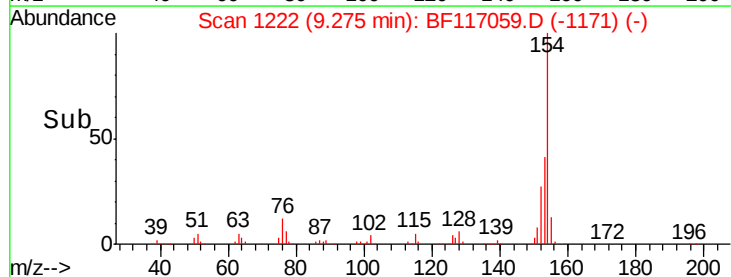
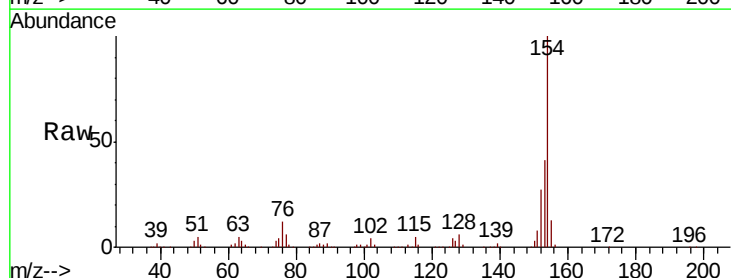
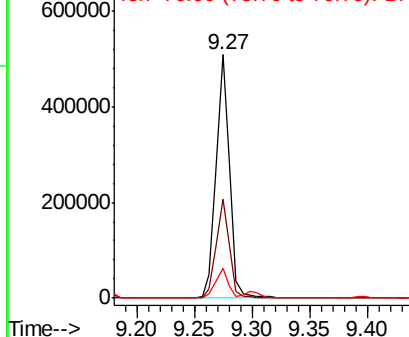
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	409057		
153	40.5		20.0	60.0
76	12.2		0.0	32.7

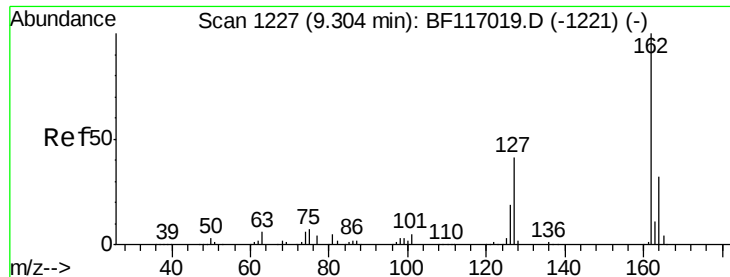
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





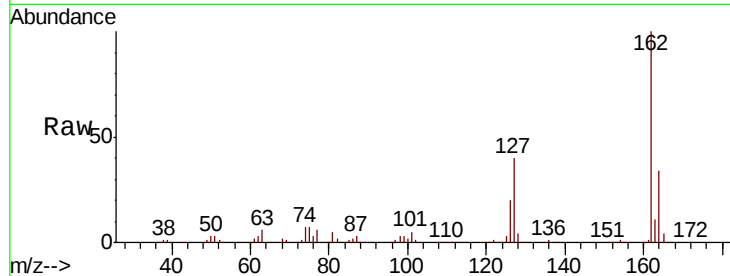
#47
2-Chloronaphthalene
Concen: 42.572 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF117059.D
Acq: 16 Sep 2019 13:31

Instrument :
BNA_F
ClientSampleId :
RT-1868-RBR-200035MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.4	34.1	51.1
164	33.6	25.9	38.9

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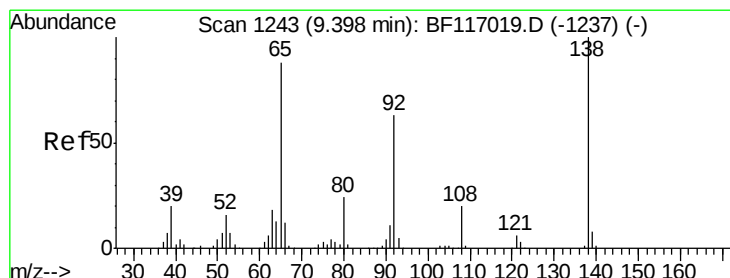
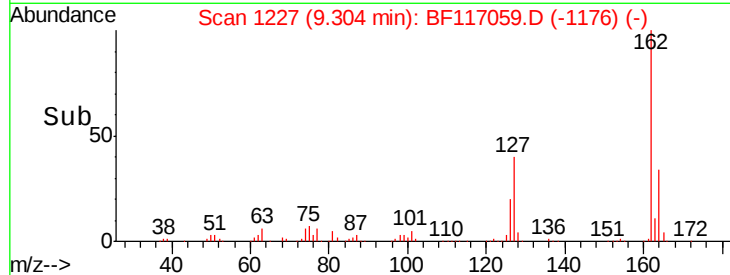
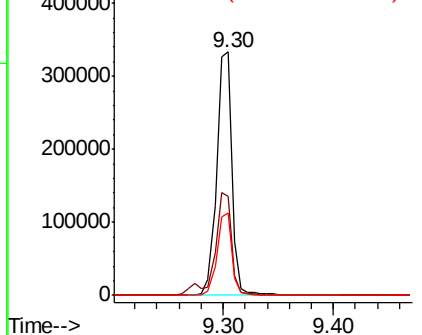


Abundance

Ion 162.00 (161.70 to 162.70): E

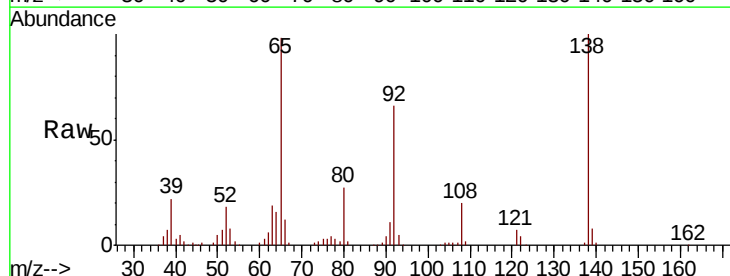
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 43.485 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BF117059.D
Acq: 16 Sep 2019 13:31

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.5	57.5	86.3
138	101.7	90.6	136.0

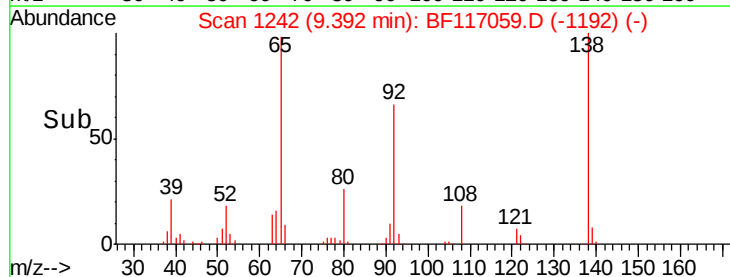
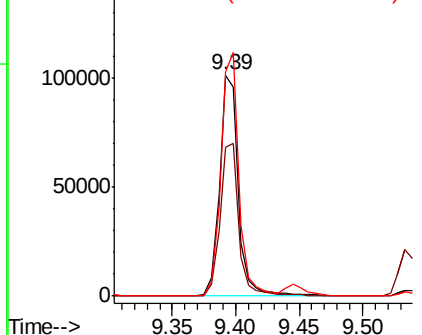


Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





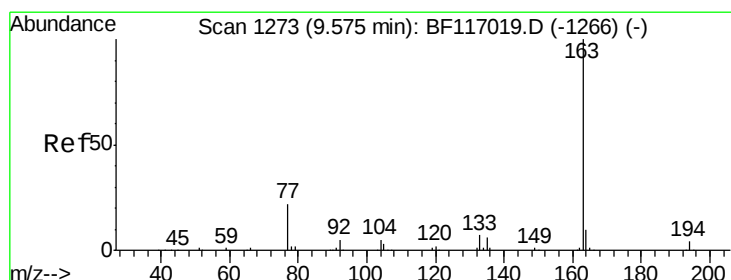
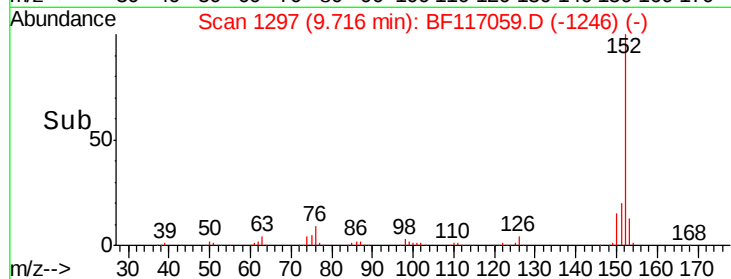
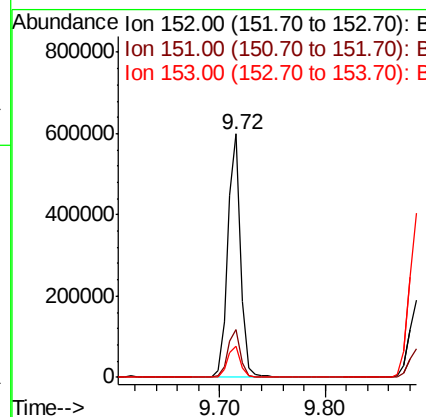
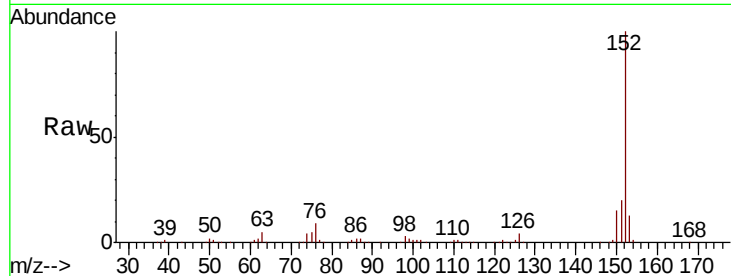
#49
Acenaphthylene
Concen: 44.906 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF117059.D
Acq: 16 Sep 2019 13:31

Instrument :
BNA_F
ClientSampleId :
RT-1868-RBR-200035MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.2	24.2
153	12.9	10.2	15.4

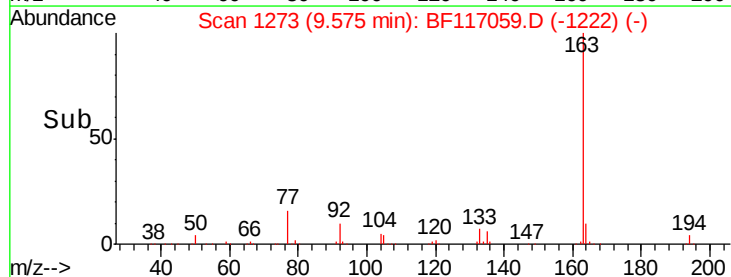
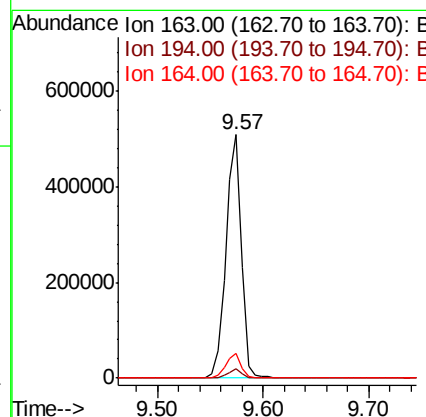
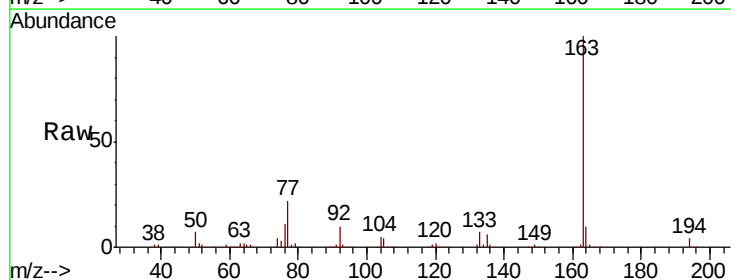
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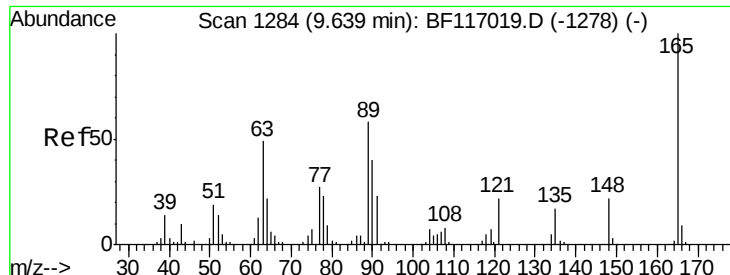
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#50
Dimethylphthalate
Concen: 60.197 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF117059.D
Acq: 16 Sep 2019 13:31

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.9	4.3
164	10.1	8.2	12.4





#51

2,6-Dinitrotoluene

Concen: 47.052 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF117059.D

Acq: 16 Sep 2019 13:31

Instrument :

BNA_F

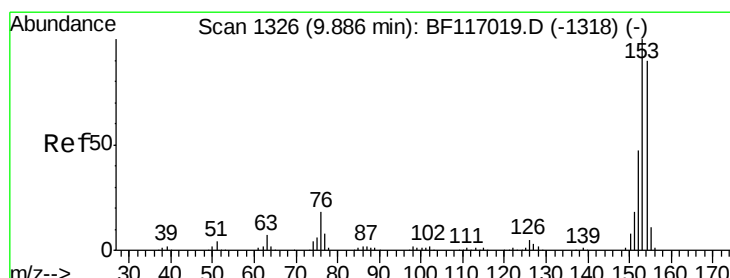
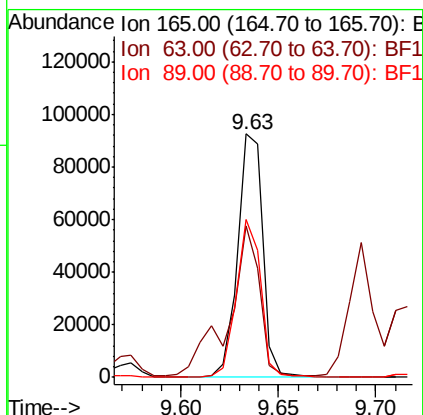
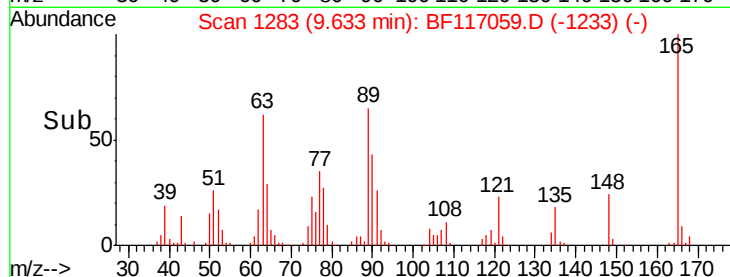
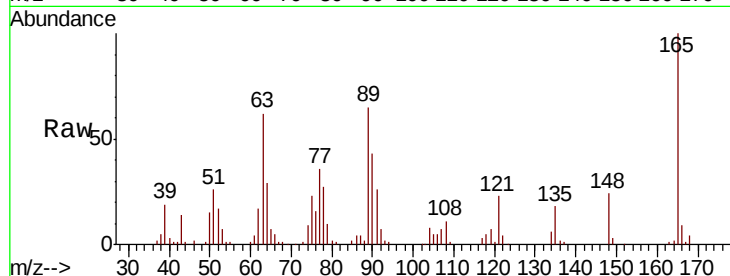
ClientSampleId :

RT-1868-RBR-200035MSD

Tot Ion:	165	Resp:	82618
Ion Ratio	Lower	Upper	
165	100		
63	62.1	41.8	62.8
89	64.7	46.5	69.7

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#52

Acenaphthene

Concen: 43.076 ng

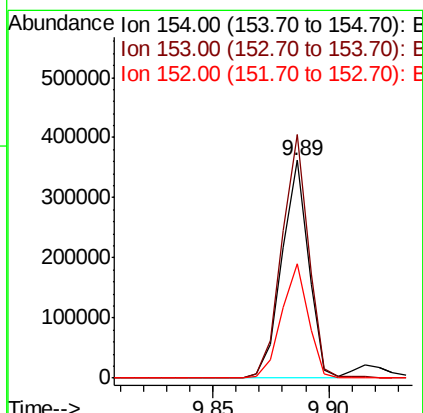
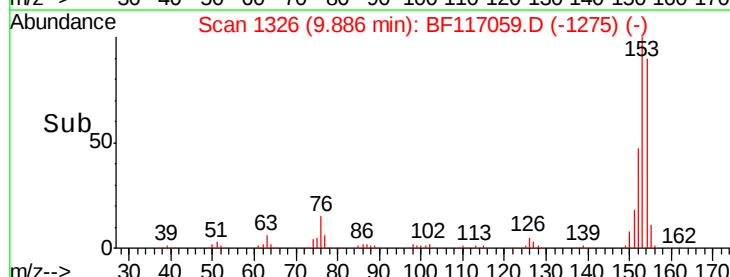
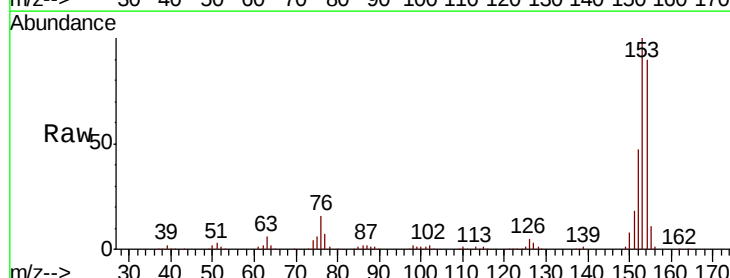
RT: 9.89 min Scan# 1326

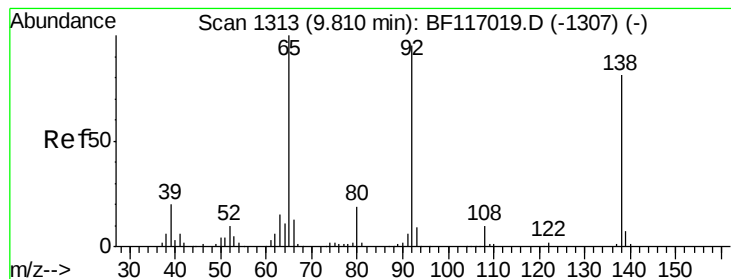
Delta R.T. 0.00 min

Lab File: BF117059.D

Acq: 16 Sep 2019 13:31

Tgt Ion:	154	Resp:	288339
Ion Ratio	Lower	Upper	
154	100		
153	111.7	89.0	133.6
152	52.4	41.9	62.9





#53

3-Nitroaniline

Concen: 25.861 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF117059.D

Acq: 16 Sep 2019 13:31

Instrument :

BNA_F

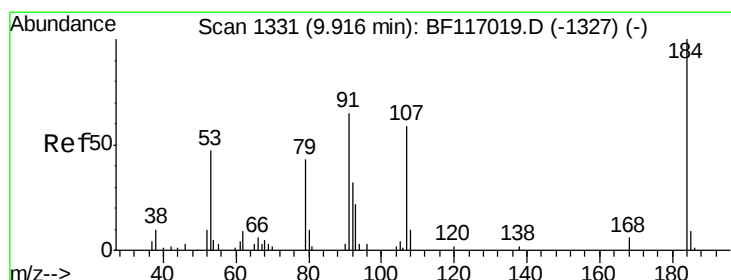
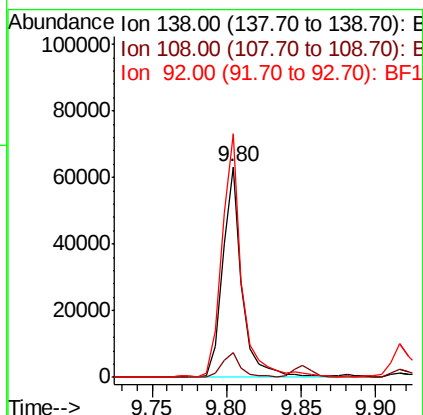
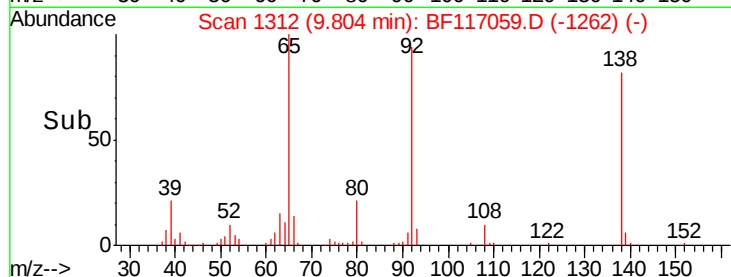
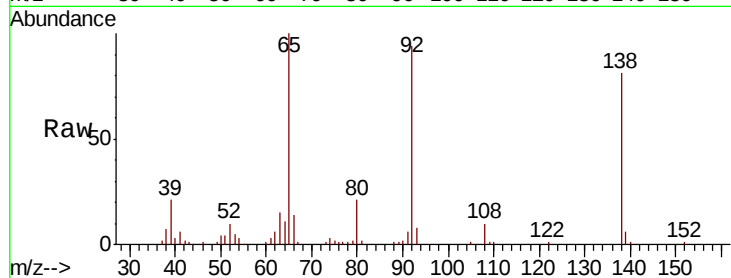
ClientSampleId :

RT-1868-RBR-200035MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.8	9.5	14.3
92	115.6	94.1	141.1

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#54

2,4-Dinitrophenol

Concen: 51.781 ng

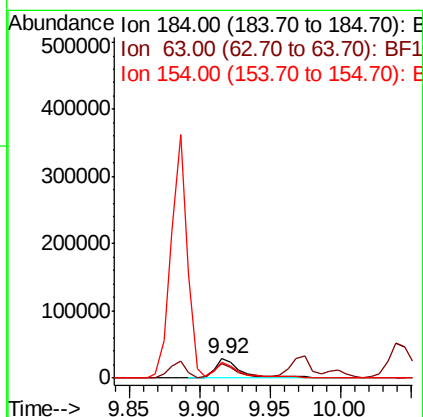
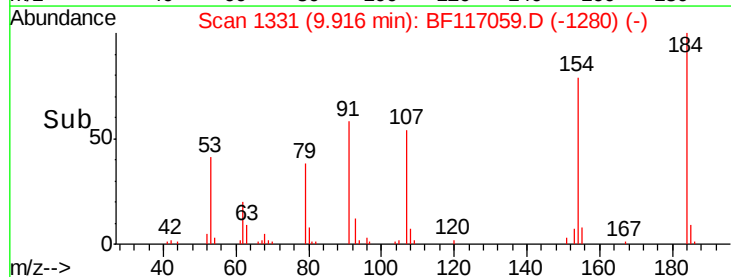
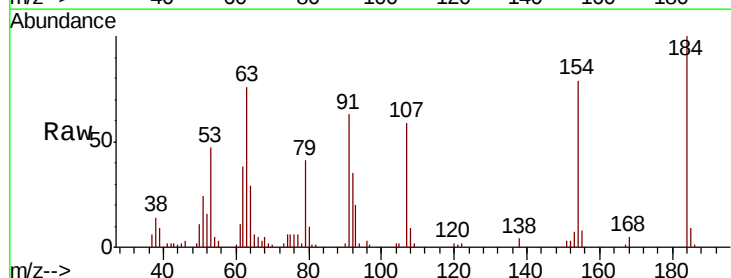
RT: 9.92 min Scan# 1331

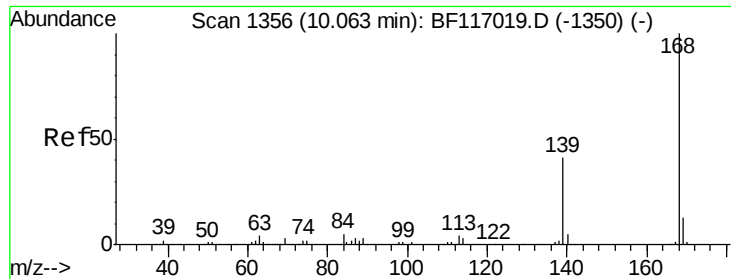
Delta R.T. 0.00 min

Lab File: BF117059.D

Acq: 16 Sep 2019 13:31

Tgt Ion	Ratio	Lower	Upper
184	100		
63	76.2	63.8	95.6
154	79.1	60.4	90.6





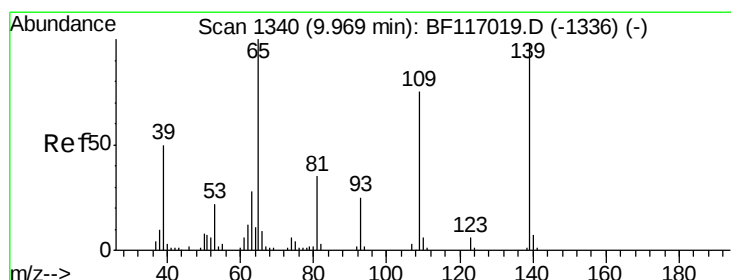
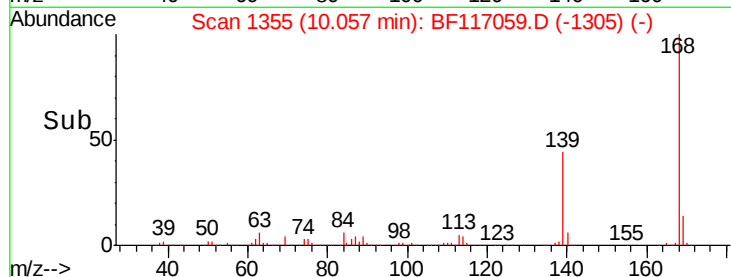
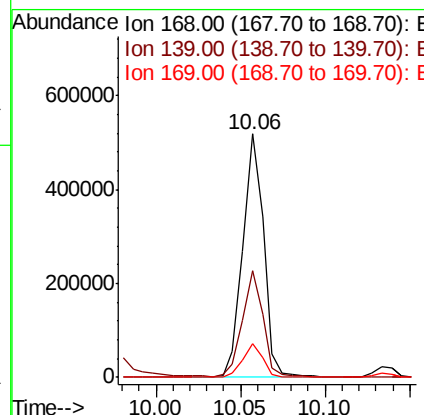
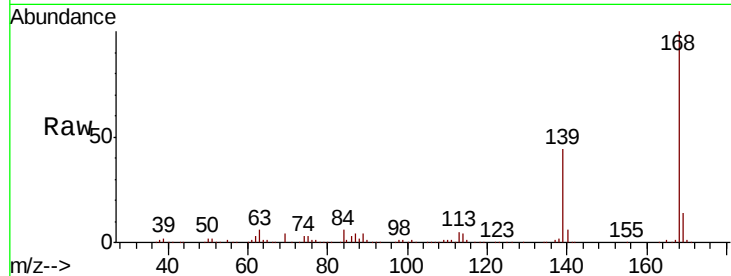
#55
Dibenzenofuran
Concen: 45.329 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF117059.D
Acq: 16 Sep 2019 13:31

Instrument :
BNA_F
ClientSampleId :
RT-1868-RBR-200035MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	43.8	32.8	49.2
169	13.6	10.5	15.7

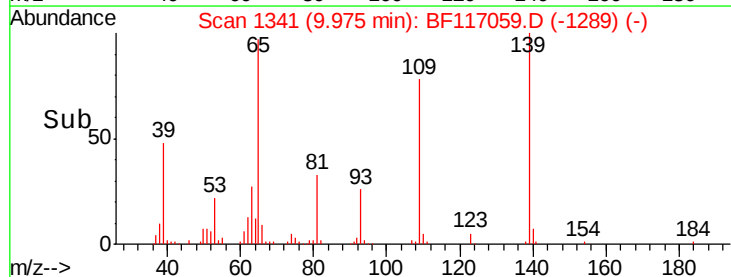
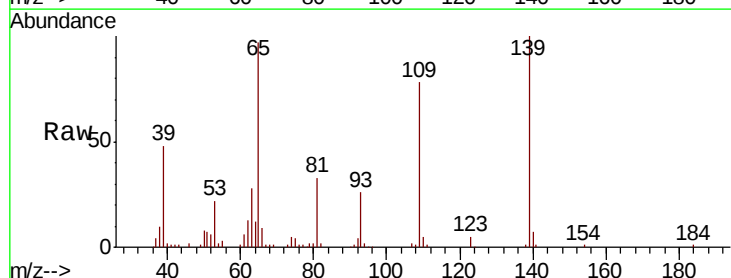
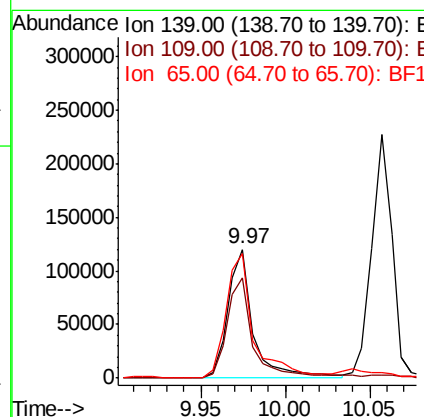
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#56
4-Nitrophenol
Concen: 87.359 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF117059.D
Acq: 16 Sep 2019 13:31

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.4	56.4	96.4
65	97.1	82.5	122.5





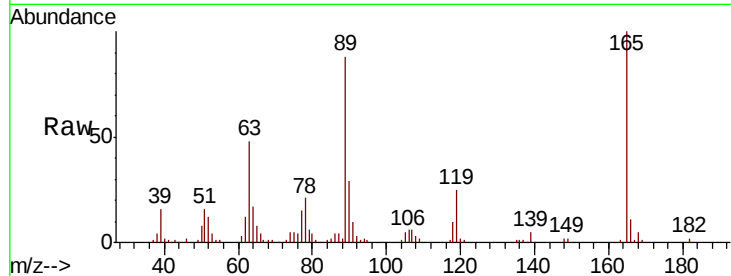
#57
2,4-Dinitrotoluene
Concen: 48.170 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF117059.D
Acq: 16 Sep 2019 13:31

Instrument :
BNA_F
ClientSampleId :
RT-1868-RBR-200035MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	109792		
63	48.0	35.0	52.4	
89	88.2	66.1	99.1	
182	2.0	2.0	3.0	

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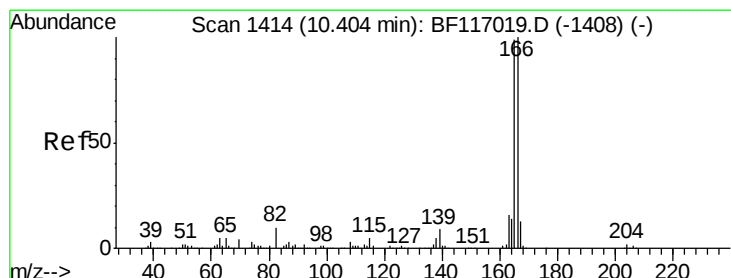
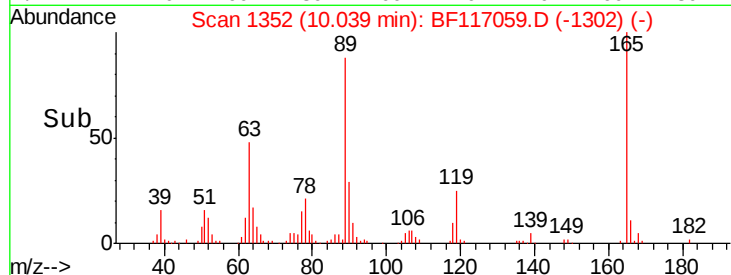
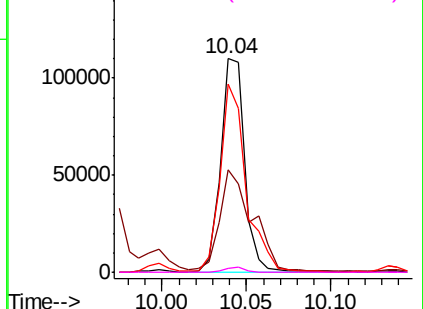
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

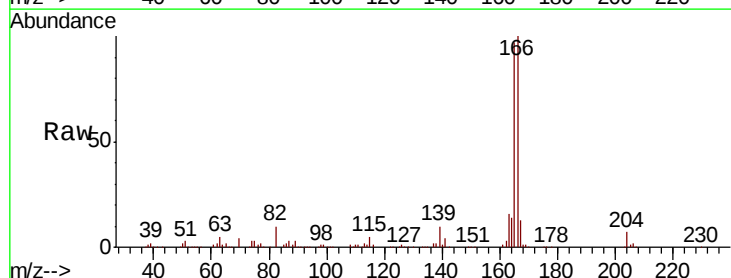
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 45.460 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF117059.D
Acq: 16 Sep 2019 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	361662		
165	97.4	78.9	118.3	
167	13.3	10.6	15.8	

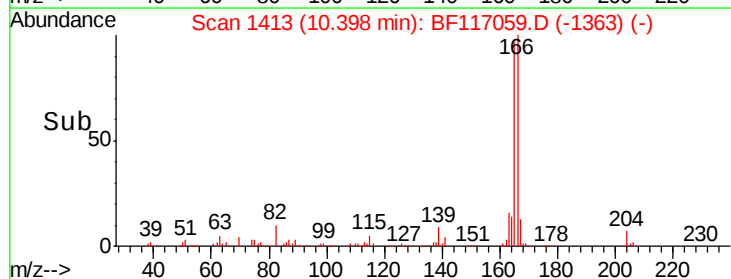
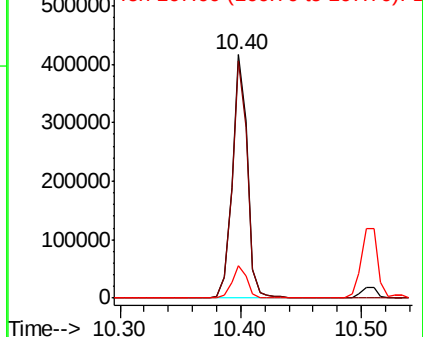


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.395 ng

RT: 10.18 min Scan# 1376

Delta R.T. 0.00 min

Lab File: BF117059.D

Acq: 16 Sep 2019 13:31

Instrument :

BNA_F

ClientSampleId :

RT-1868-RBR-200035MSD

Tot Ion:232 Resp: 77449

Ion Ratio Lower Upper

232 100

131 58.4 45.3 67.9

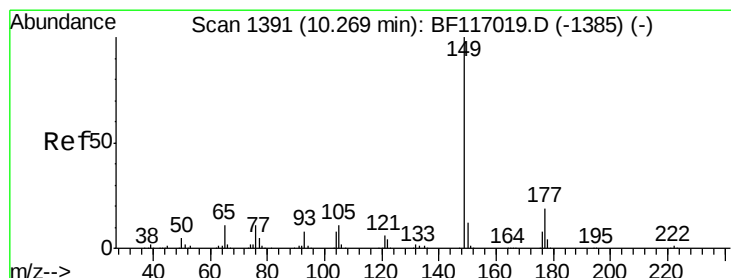
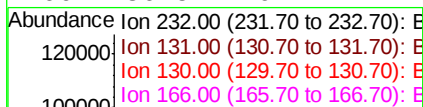
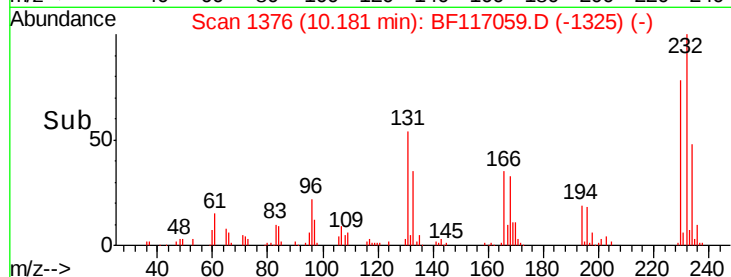
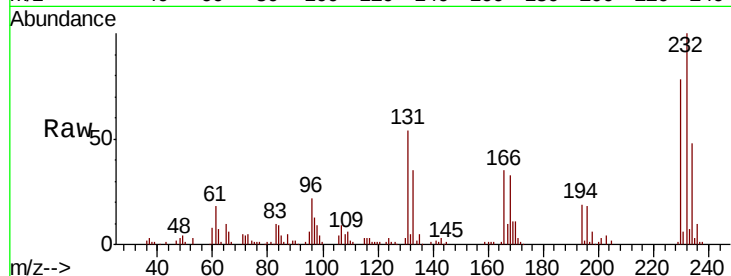
130 2.4 1.8 2.8

166 36.5 29.4 44.2

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#60

Diethylphthalate

Concen: 43.601 ng

RT: 10.27 min Scan# 1391

Delta R.T. 0.00 min

Lab File: BF117059.D

Acq: 16 Sep 2019 13:31

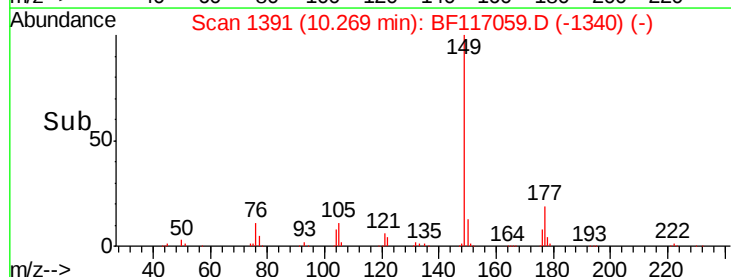
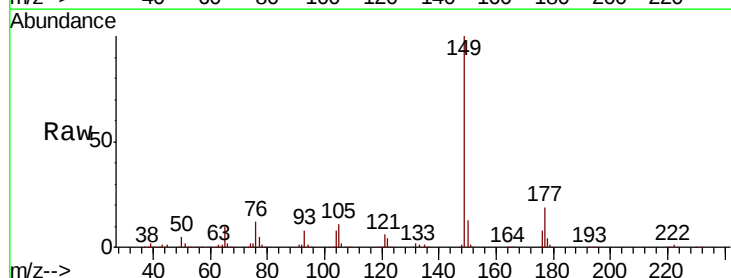
Tgt Ion:149 Resp: 369818

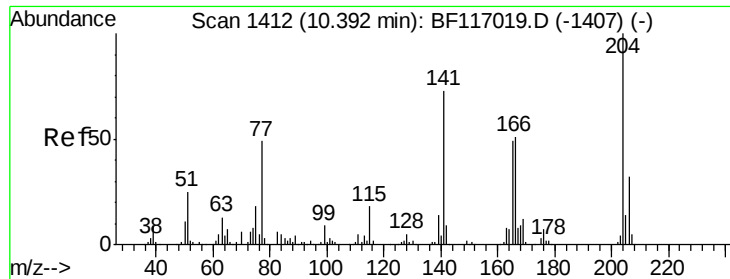
Ion Ratio Lower Upper

149 100

177 19.5 15.2 22.8

150 12.8 9.9 14.9





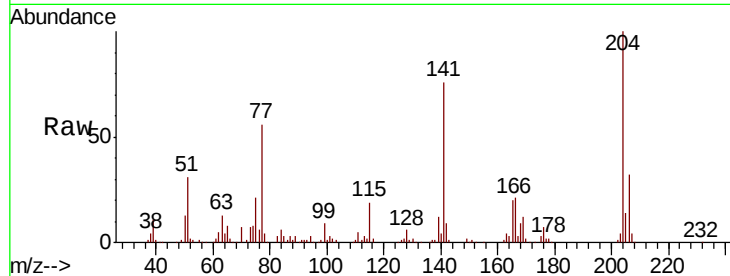
#61
 4-Chlorophenyl-phenylether
 Concen: 44.766 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF117059.D
 Acq: 16 Sep 2019 13:31

Instrument :
 BNA_F
 ClientSampleId :
 RT-1868-RBR-200035MSD

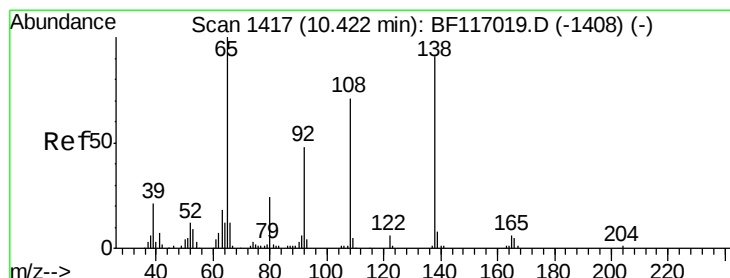
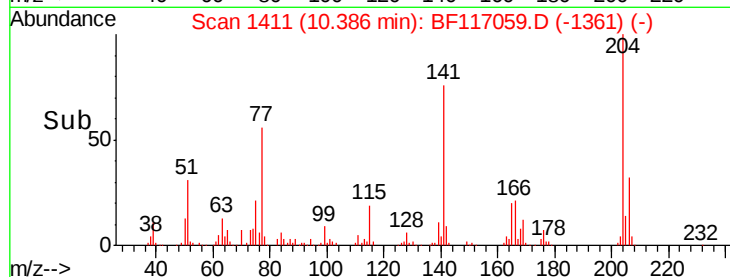
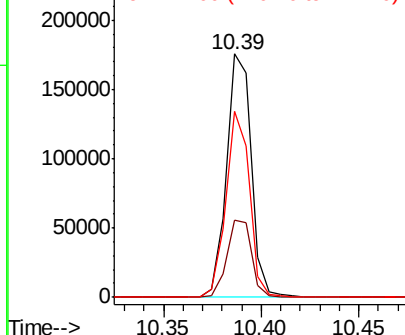
Tot Ion:	204	Resp:	154090
Ion Ratio	Lower	Upper	
204	100		
206	31.7	26.0	39.0
141	76.2	58.2	87.2

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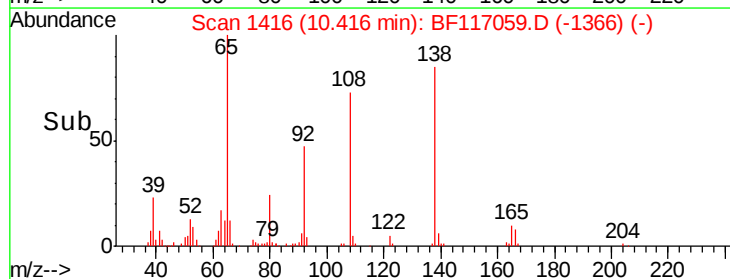
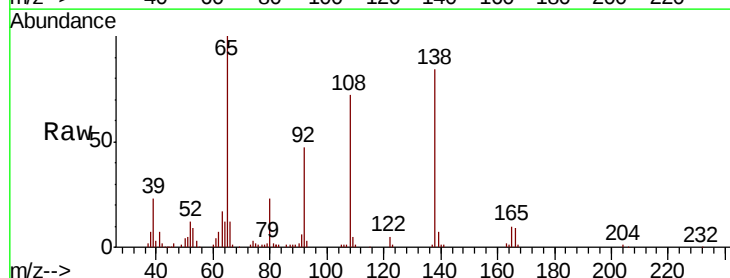
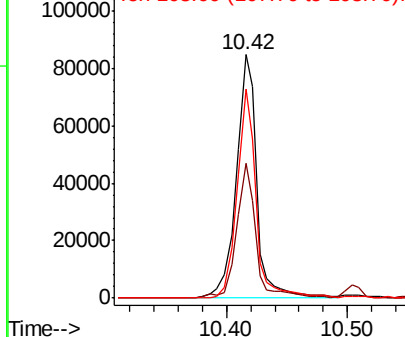
Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 43.714 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: BF117059.D
 Acq: 16 Sep 2019 13:31

Tgt Ion:	138	Resp:	100713
Ion Ratio	Lower	Upper	
138	100		
92	55.1	32.9	72.9
108	85.9	58.3	98.3

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





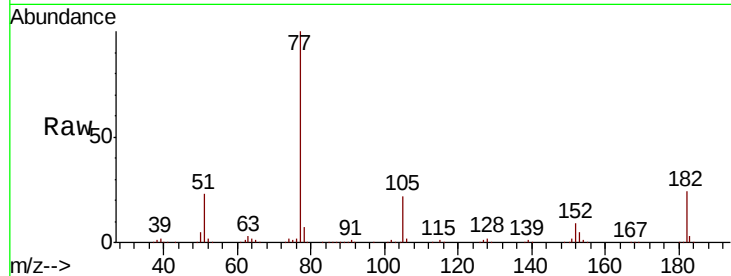
#63
Azobenzene
Concen: 44.365 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF117059.D
Acq: 16 Sep 2019 13:31

Instrument :
BNA_F
ClientSampleId :
RT-1868-RBR-200035MSD

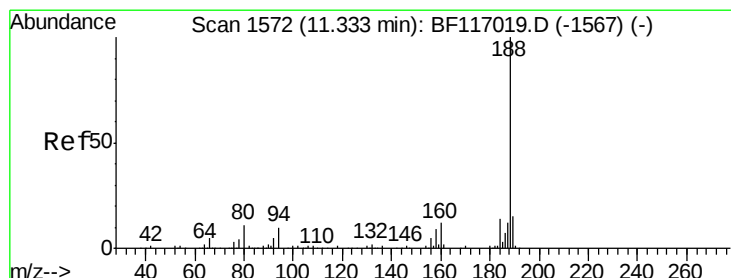
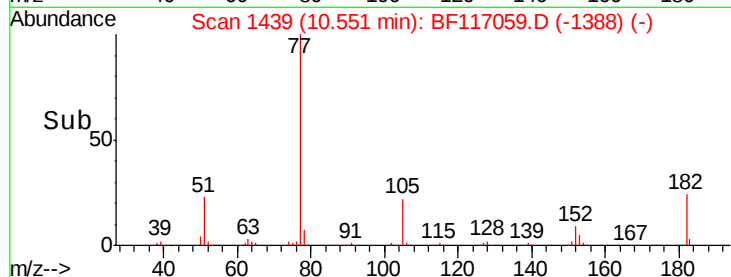
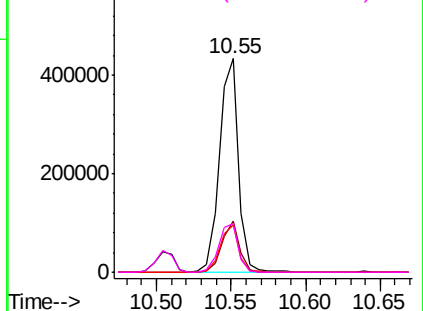
Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	24.2	0.4	40.4	
105	22.2	0.9	40.9	
51	22.8	2.8	42.8	

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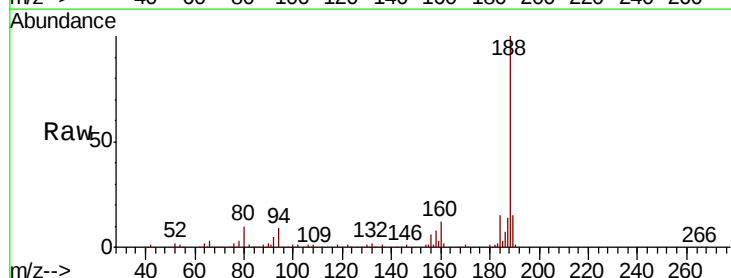


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

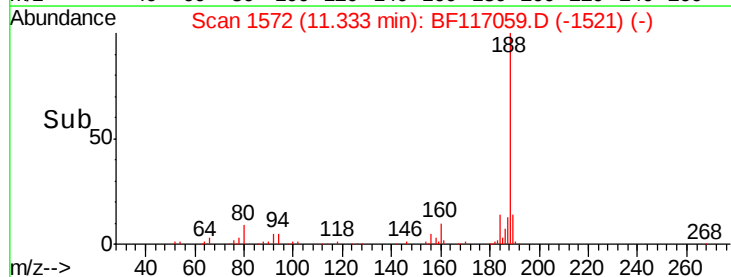
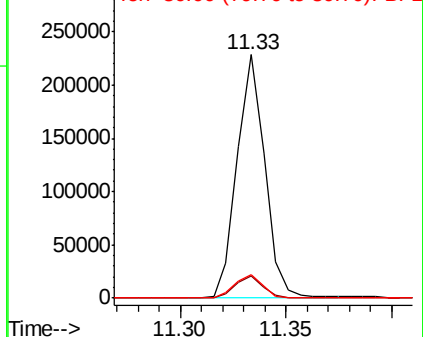


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117059.D
Acq: 16 Sep 2019 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.1	8.2	12.2	
80	9.7	9.0	13.6	



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





#65

4,6-Dinitro-2-methylphenol

Concen: 40.346 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.00 min

Lab File: BF117059.D

Acq: 16 Sep 2019 13:31

Instrument :

BNA_F

ClientSampleId :

RT-1868-RBR-200035MSD

Tot Ion:198 Resp: 37071

Ion Ratio Lower Upper

198 100

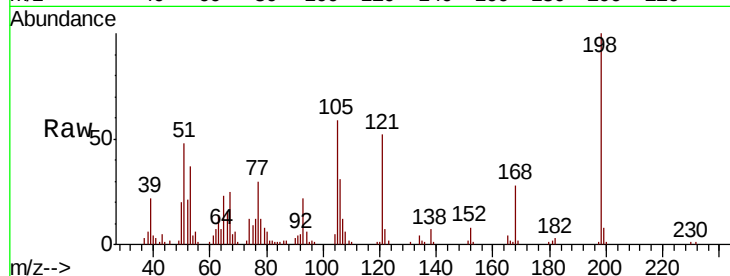
51 48.0 18.7 58.7

105 58.8 30.2 70.2

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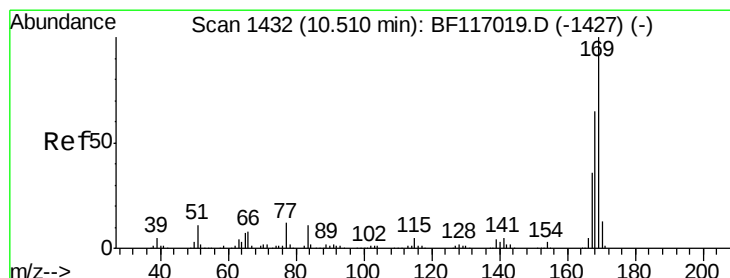
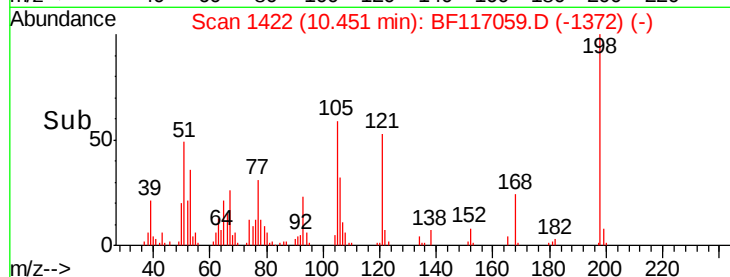
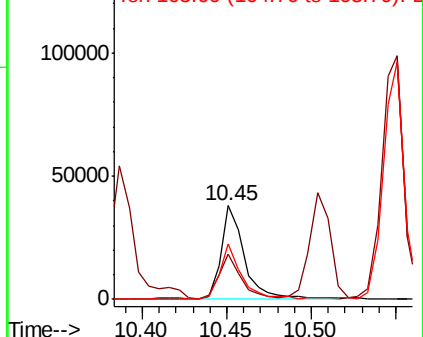
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.377 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BF117059.D

Acq: 16 Sep 2019 13:31

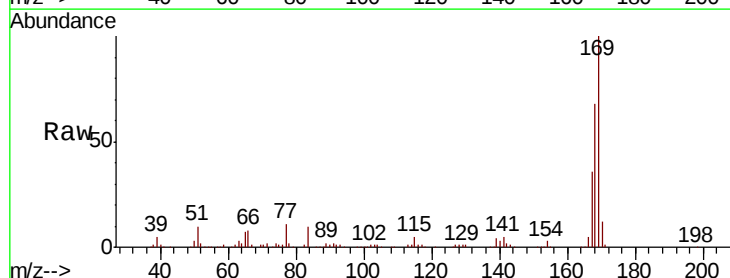
Tgt Ion:169 Resp: 312033

Ion Ratio Lower Upper

169 100

168 68.5 52.2 78.2

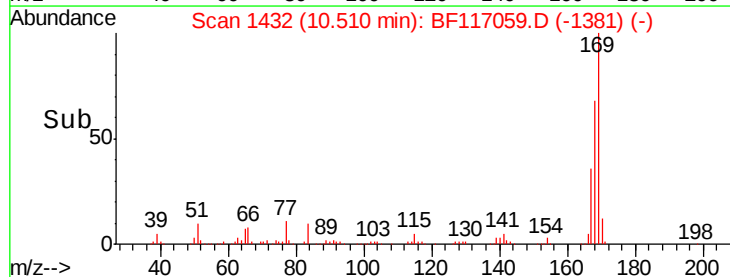
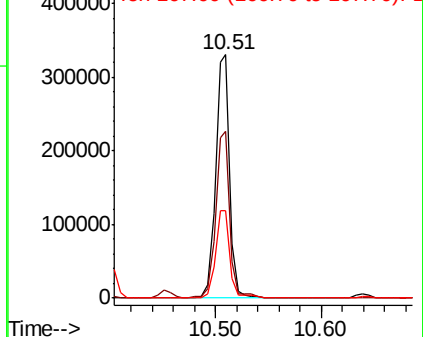
167 35.9 28.8 43.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





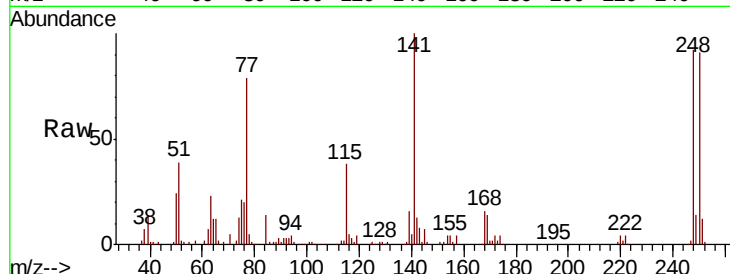
#67
 4-Bromophenyl-phenylether
 Concen: 41.754 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.01 min
 Lab File: BF117059.D
 Acq: 16 Sep 2019 13:31

Instrument :
 BNA_F
 ClientSampleId :
 RT-1868-RBR-200035MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.1	76.2	114.4
141	109.1	75.0	112.4

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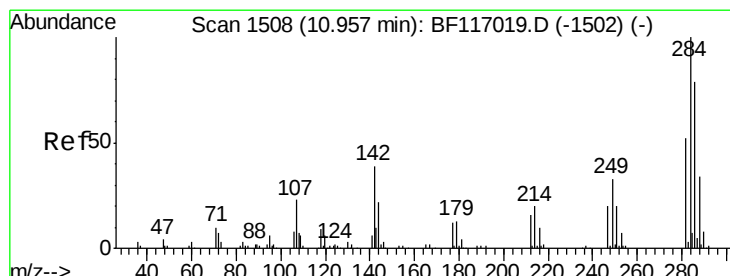
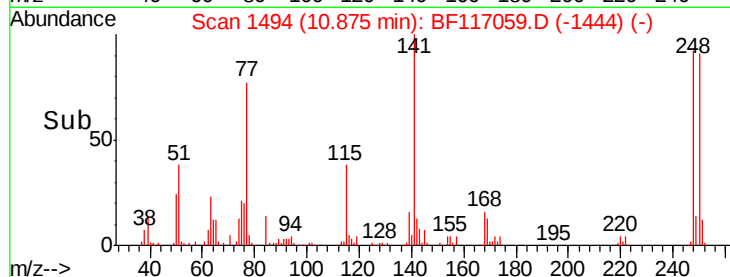
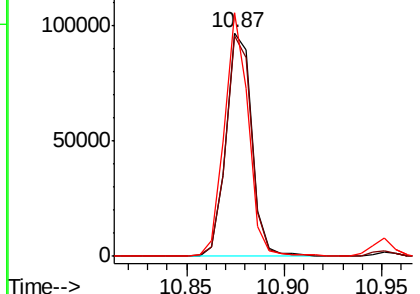


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 40.580 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF117059.D
 Acq: 16 Sep 2019 13:31

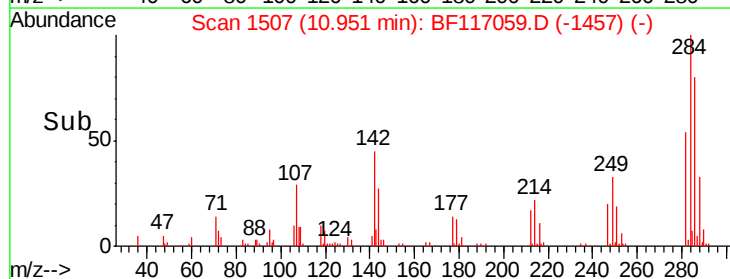
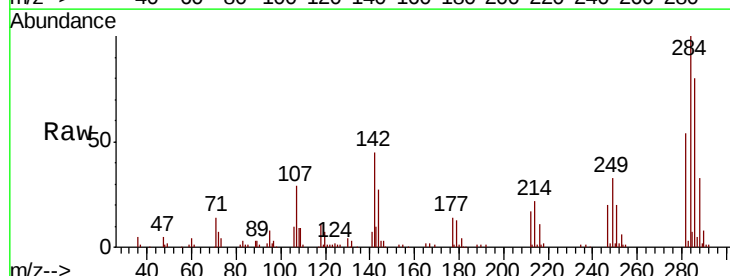
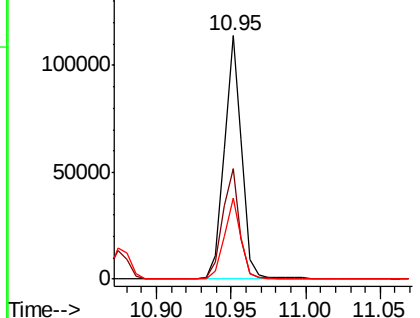
Tgt Ion	Ratio	Lower	Upper
284	100		
142	45.5	31.4	47.2
249	33.3	26.5	39.7

Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





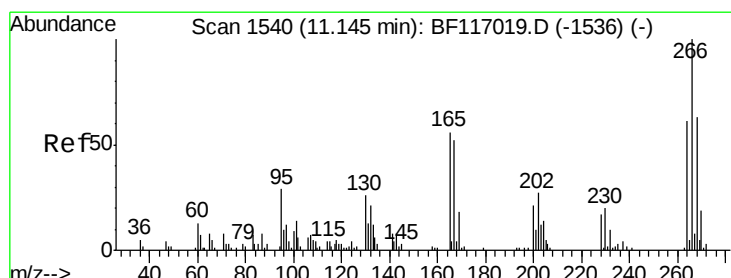
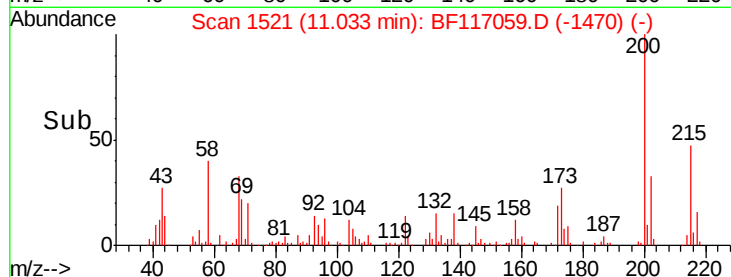
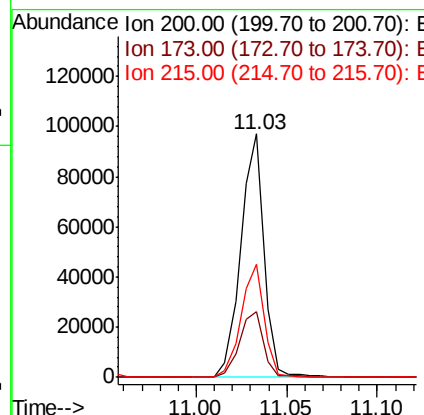
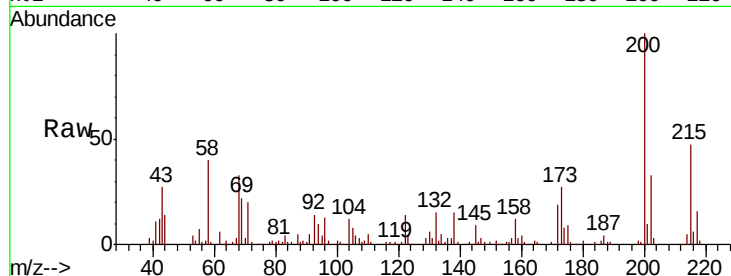
#69
 Atrazine
 Concen: 49.772 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.00 min
 Lab File: BF117059.D
 Acq: 16 Sep 2019 13:31

Instrument :
 BNA_F
 ClientSampleId :
 RT-1868-RBR-200035MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.8	6.9	46.9
215	46.5	23.8	63.8

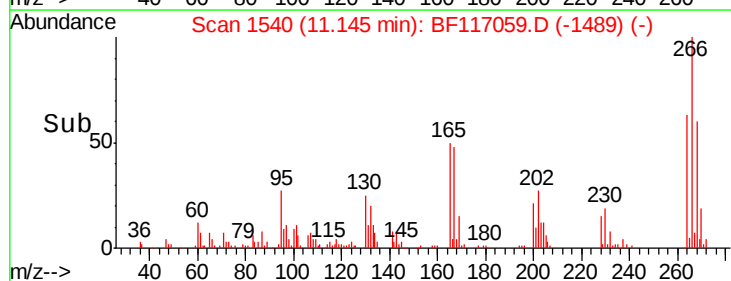
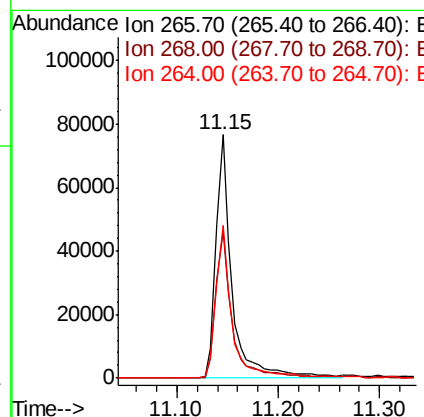
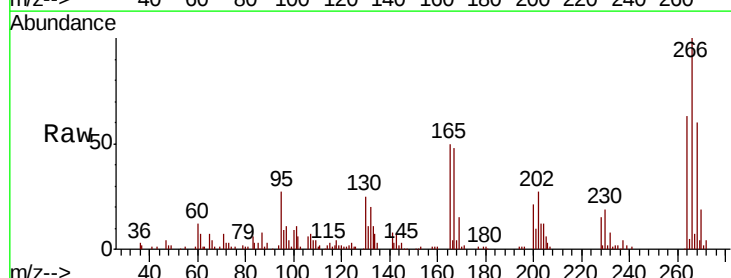
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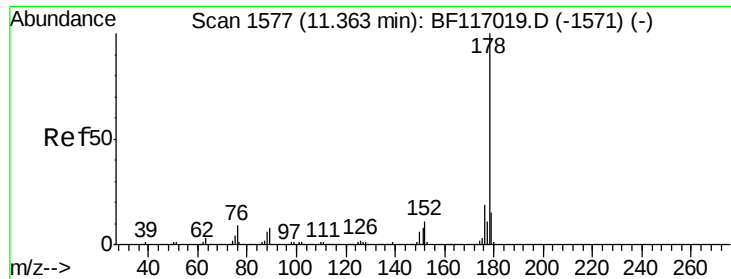
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#70
 Pentachlorophenol
 Concen: 77.968 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.00 min
 Lab File: BF117059.D
 Acq: 16 Sep 2019 13:31

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	59.9	50.5	75.7
264	62.6	48.8	73.2





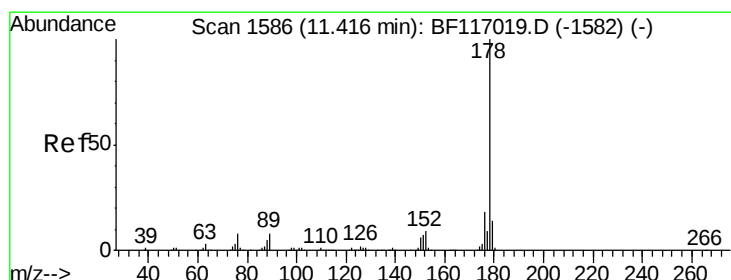
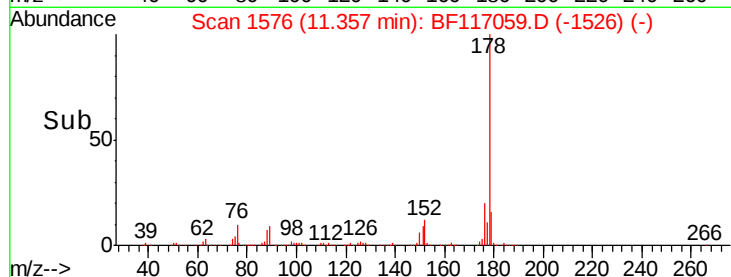
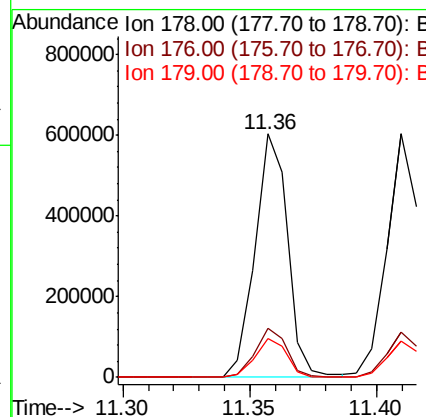
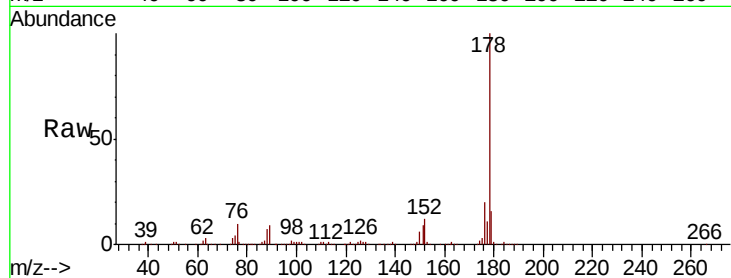
#71
Phenanthrene
Concen: 45.927 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF117059.D
Acq: 16 Sep 2019 13:31

Instrument :
BNA_F
ClientSampleId :
RT-1868-RBR-200035MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.4	23.2
179	15.8	12.4	18.6

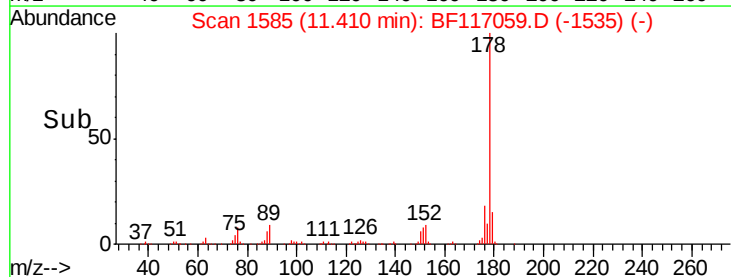
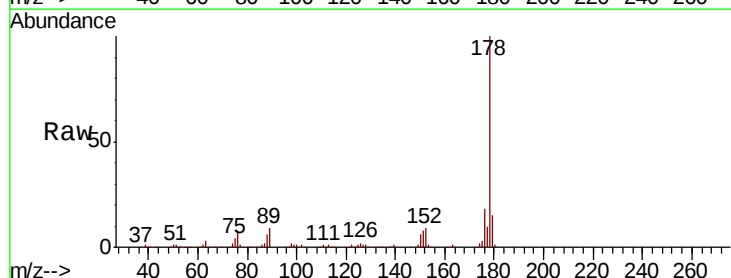
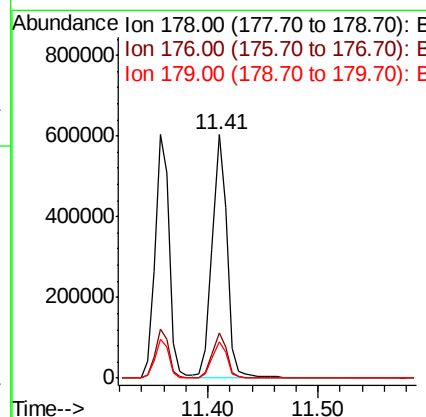
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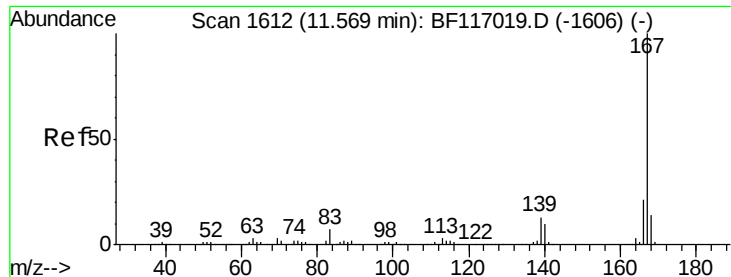
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#72
Anthracene
Concen: 45.576 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF117059.D
Acq: 16 Sep 2019 13:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	21.8
179	15.0	11.6	17.4





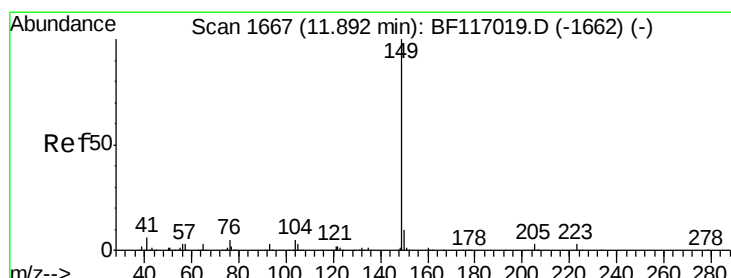
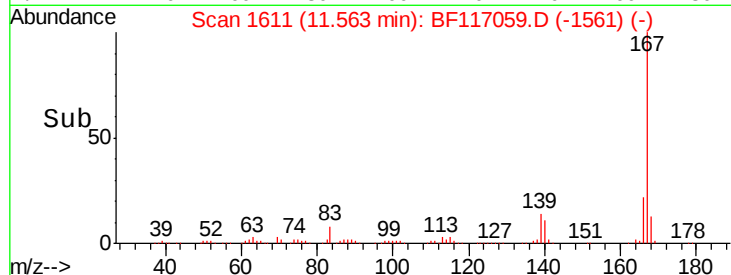
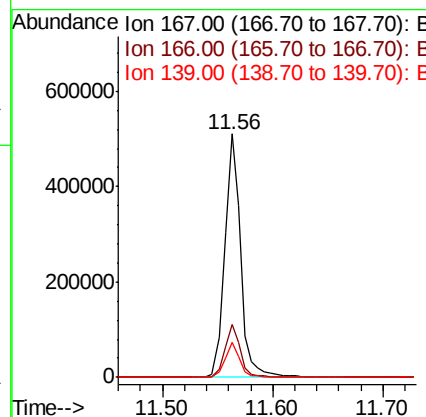
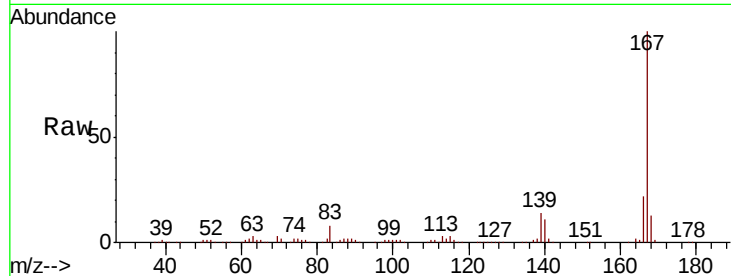
#73
 Carbazole
 Concen: 44.747 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF117059.D
 Acq: 16 Sep 2019 13:31

Instrument :
 BNA_F
 ClientSampleId :
 RT-1868-RBR-200035MSD

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	21.7	17.2	25.8	
139	14.4	10.6	16.0	

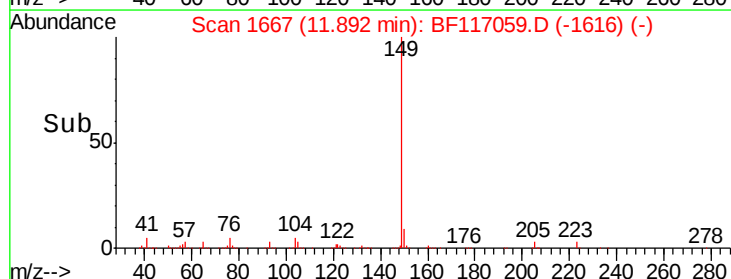
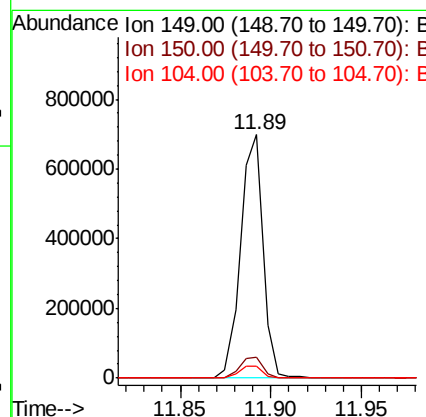
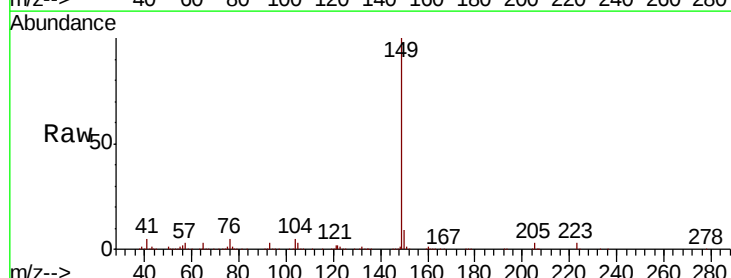
Manual Integrations
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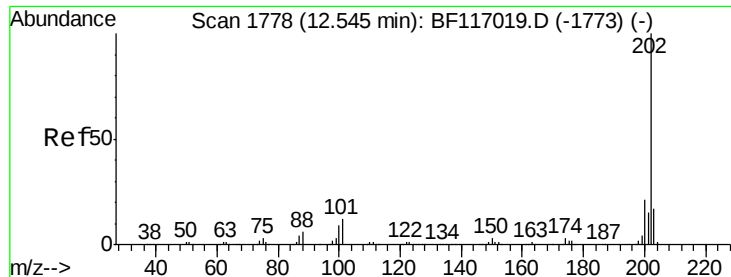
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#74
 Di-n-butylphthalate
 Concen: 44.246 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BF117059.D
 Acq: 16 Sep 2019 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	8.8	7.7	11.5	
104	4.9	4.2	6.4	





#75

Fluoranthene

Concen: 49.689 ng

RT: 12.55 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF117059.D

Acq: 16 Sep 2019 13:31

Instrument :

BNA_F

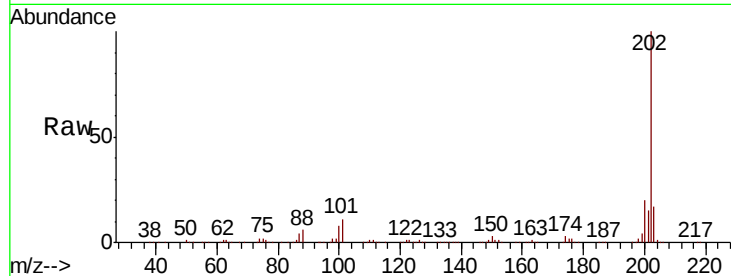
ClientSampleId :

RT-1868-RBR-200035MSD

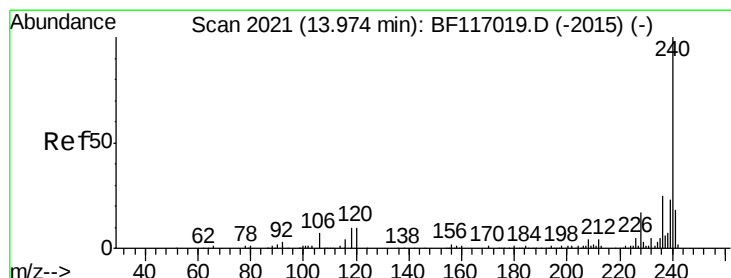
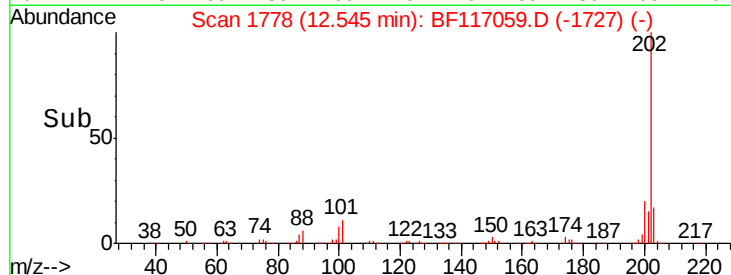
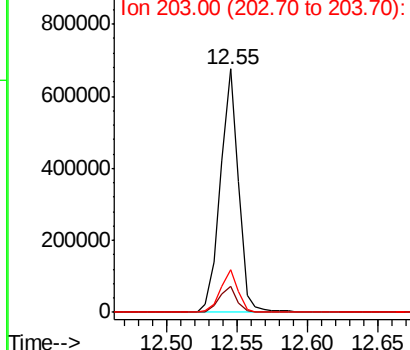
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		604030		
101	10.8	0.0	32.3		
203	17.3	0.0	37.1		

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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

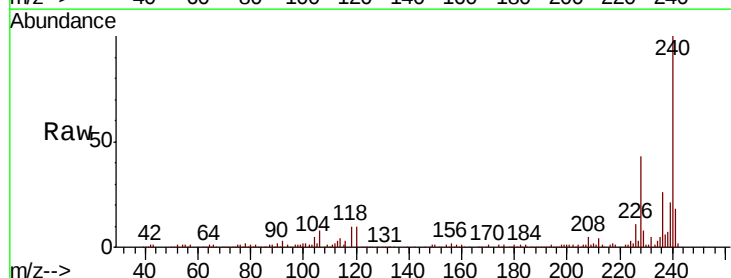
RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

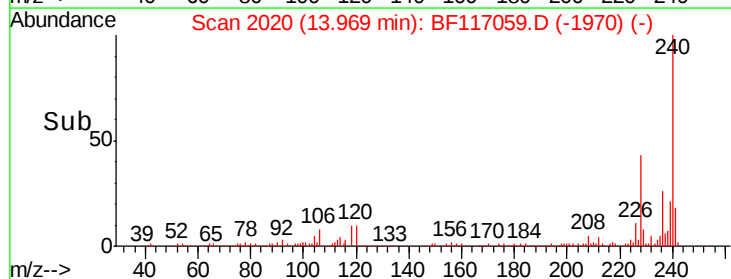
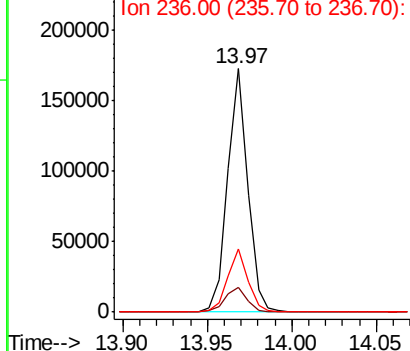
Lab File: BF117059.D

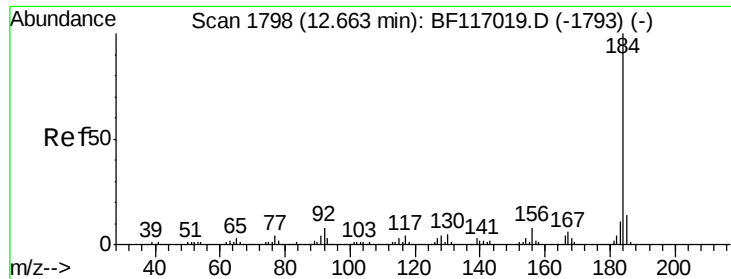
Acq: 16 Sep 2019 13:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		143561		
120	10.2	8.3	12.5		
236	25.7	20.3	30.5		



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: 42.902 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BF117059.D

Acq: 16 Sep 2019 13:31

Instrument :

BNA_F

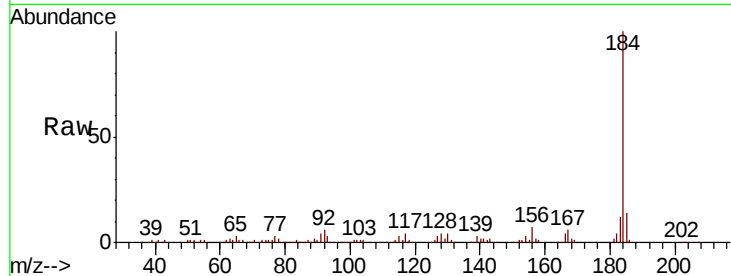
ClientSampleId :

RT-1868-RBR-200035MSD

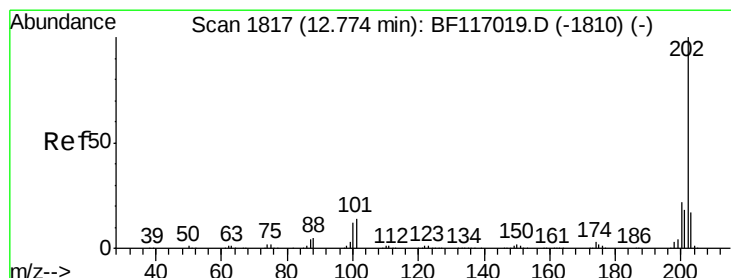
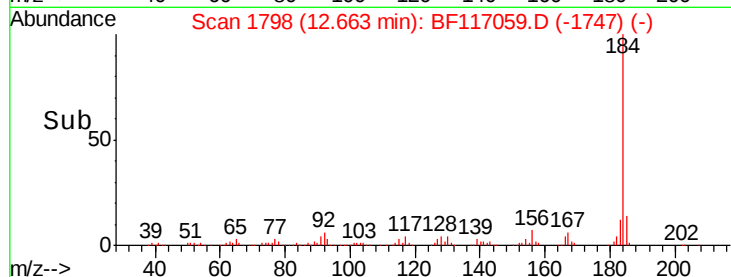
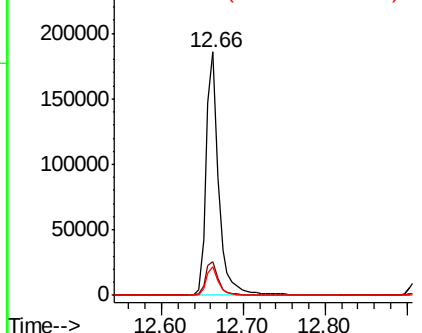
Tot Ion:	184	Resp:	198401
Ion Ratio	Lower	Upper	
184	100		
185	13.9	11.6	17.4
183	11.7	9.0	13.4

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



#78

Pyrene

Concen: 49.871 ng

RT: 12.77 min Scan# 1817

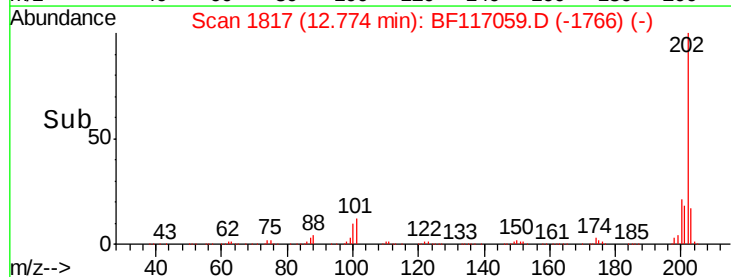
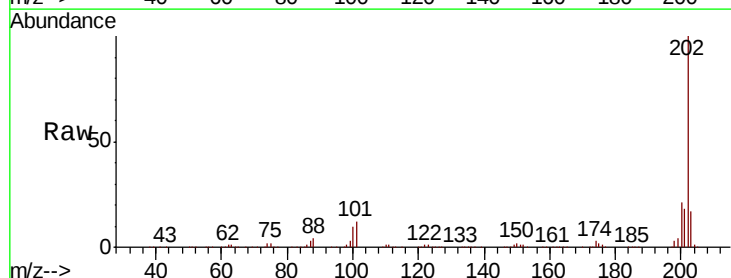
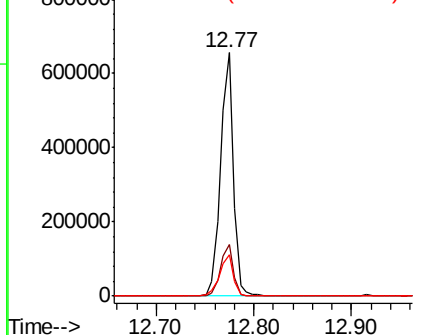
Delta R.T. 0.00 min

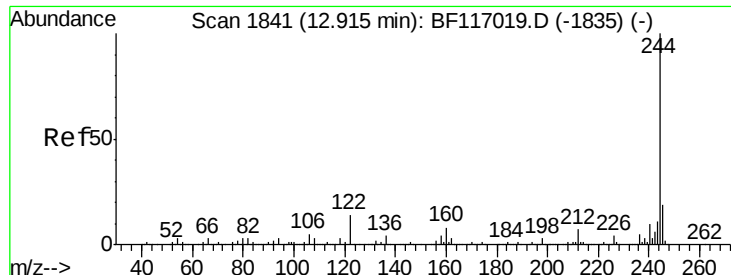
Lab File: BF117059.D

Acq: 16 Sep 2019 13:31

Tgt Ion:	202	Resp:	600735
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.2	25.8
203	16.8	14.0	21.0

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





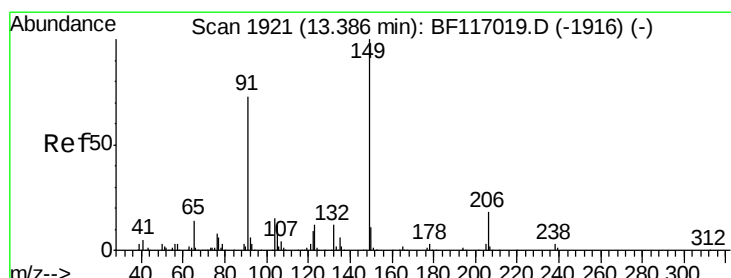
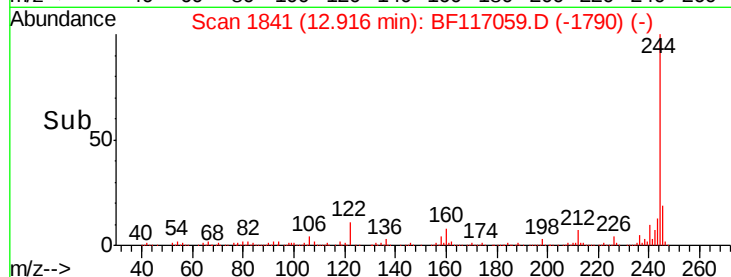
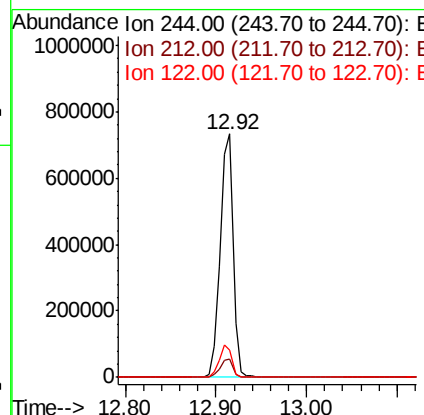
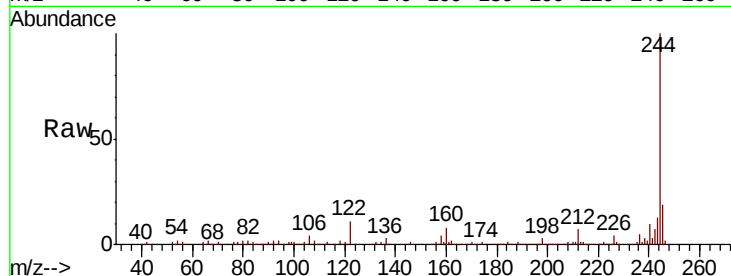
#79
 Terphenyl-d14
 Concen: 94.075 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF117059.D
 Acq: 16 Sep 2019 13:31

Instrument :
 BNA_F
 ClientSampleId :
 RT-1868-RBR-200035MSD

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.3	5.8	8.8	
122	11.2	11.3	16.9	

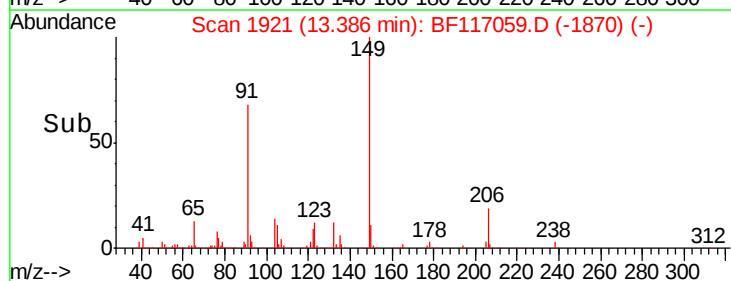
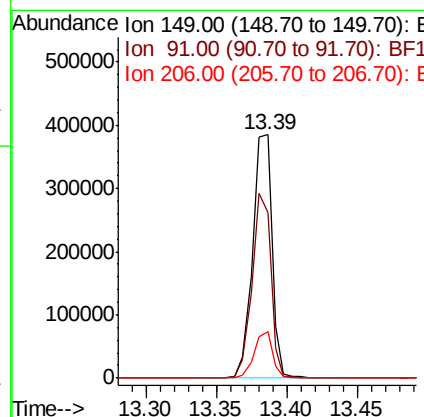
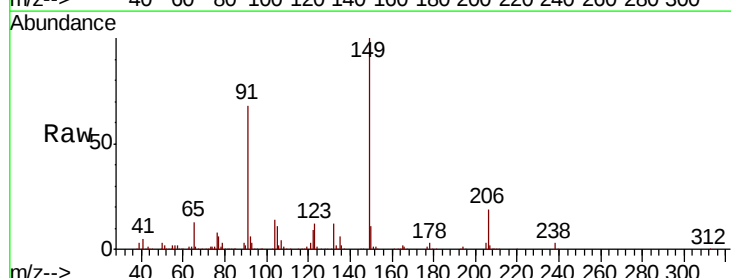
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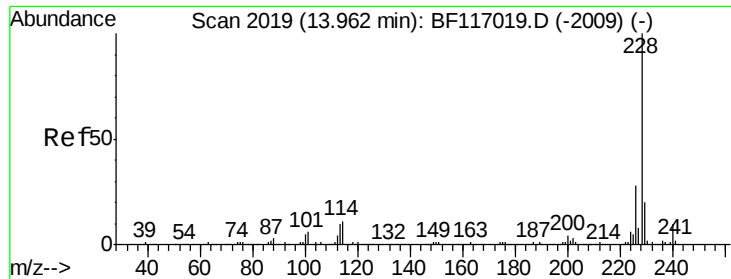
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#80
 Butylbenzylphthalate
 Concen: 65.682 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. 0.00 min
 Lab File: BF117059.D
 Acq: 16 Sep 2019 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	67.8	58.8	88.2	
206	18.9	14.1	21.1	





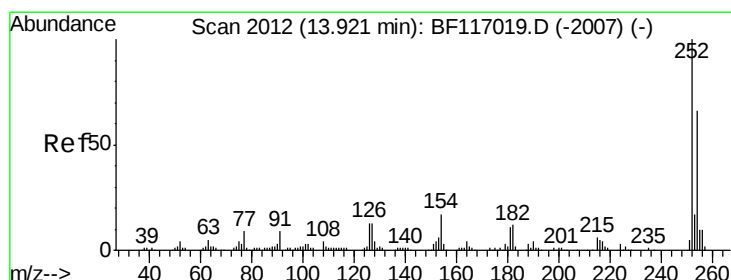
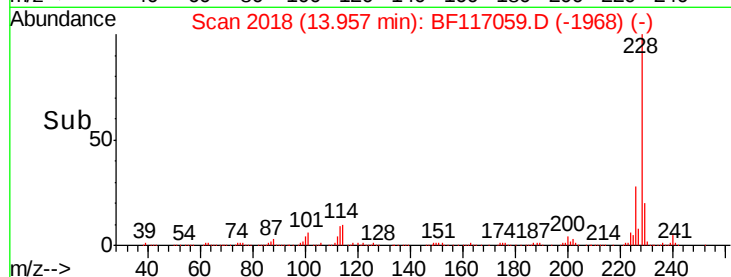
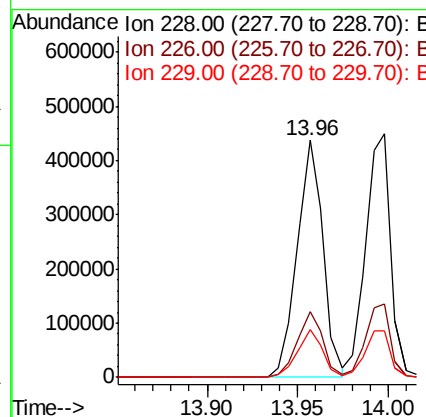
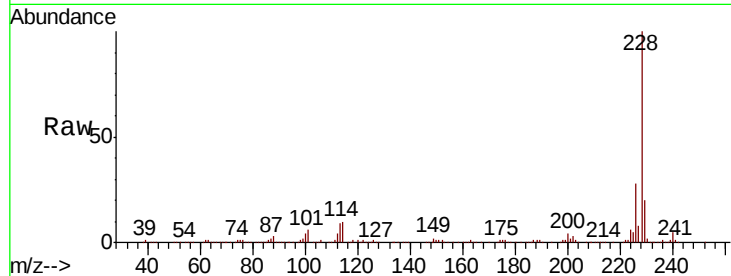
#81
Benzo(a)anthracene
Concen: 45.962 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF117059.D
Acq: 16 Sep 2019 13:31

Instrument :
BNA_F
ClientSampleId :
RT-1868-RBR-200035MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.3	33.5
229	20.4	15.9	23.9

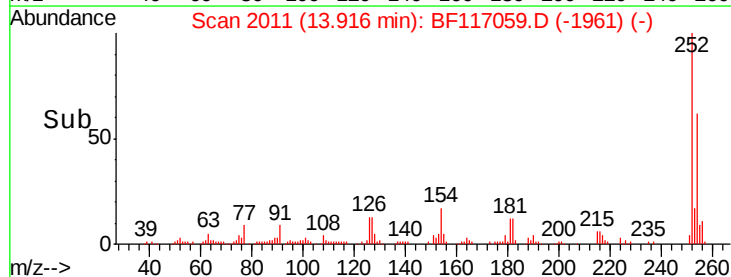
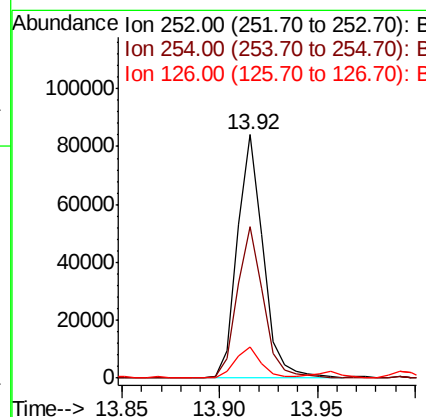
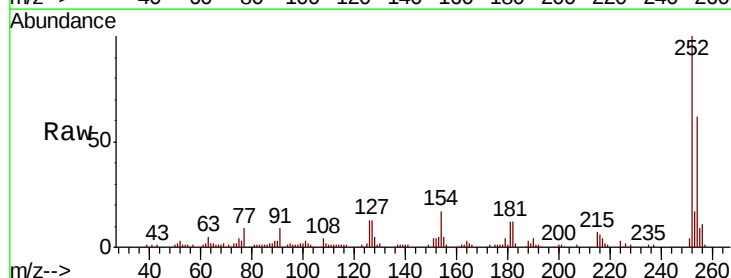
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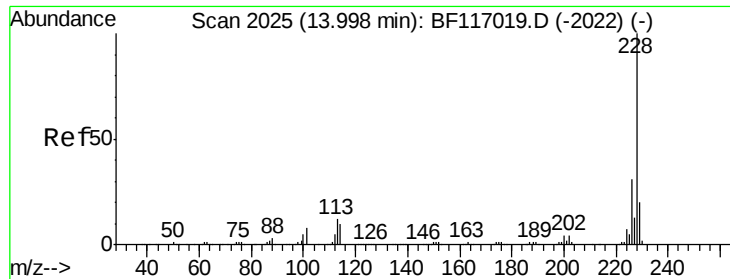
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#82
3,3'-Dichlorobenzidine
Concen: 25.150 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF117059.D
Acq: 16 Sep 2019 13:31

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.4	52.6	79.0
126	12.9	10.4	15.6





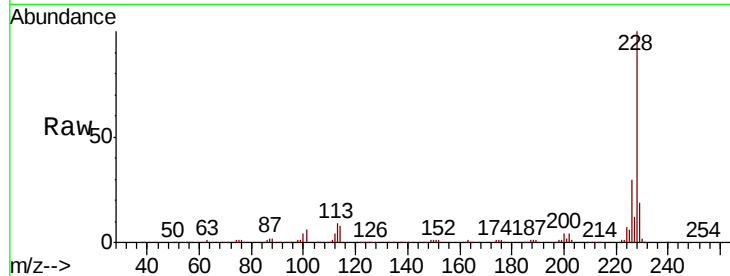
#83
Chrysene
Concen: 46.027 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF117059.D
Acq: 16 Sep 2019 13:31

Instrument :
BNA_F
ClientSampleId :
RT-1868-RBR-200035MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.8	37.2
229	19.0	15.8	23.8

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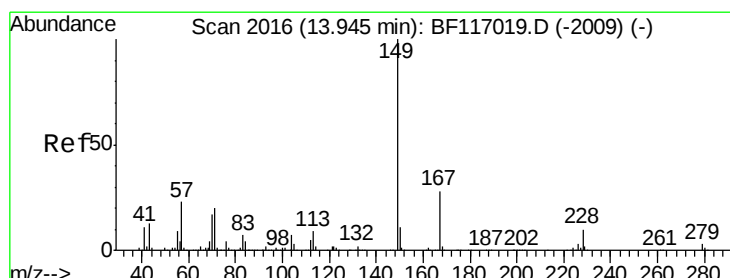
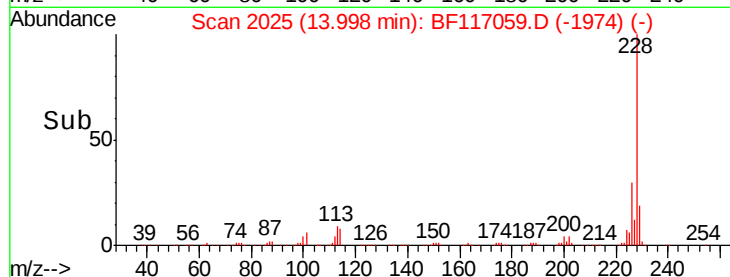
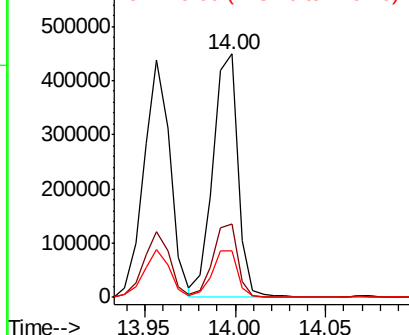


Abundance

Ion 228.00 (227.70 to 228.70): E

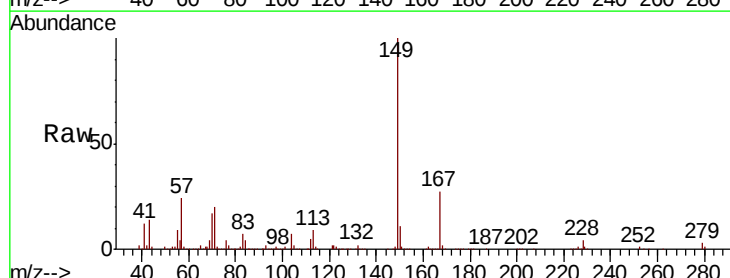
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.333 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF117059.D
Acq: 16 Sep 2019 13:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.6	22.2	33.2
279	2.8	2.8	4.2#

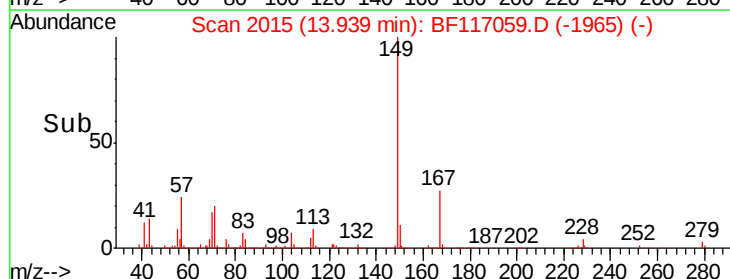
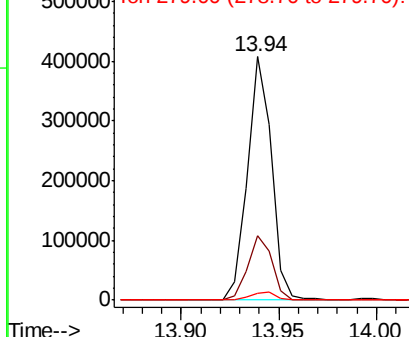


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





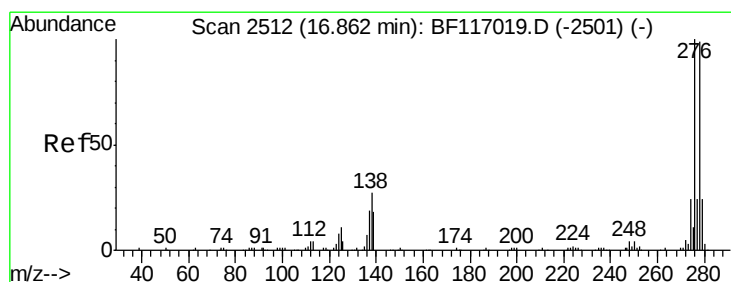
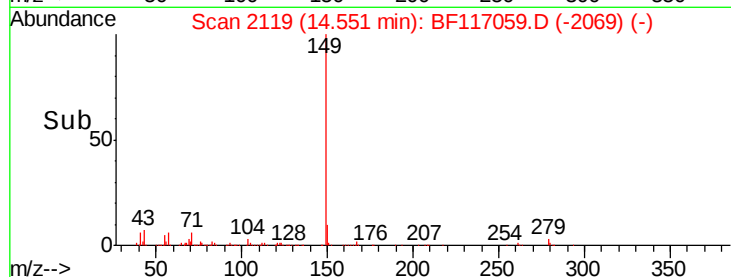
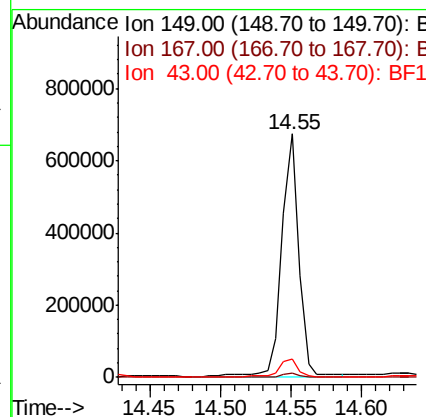
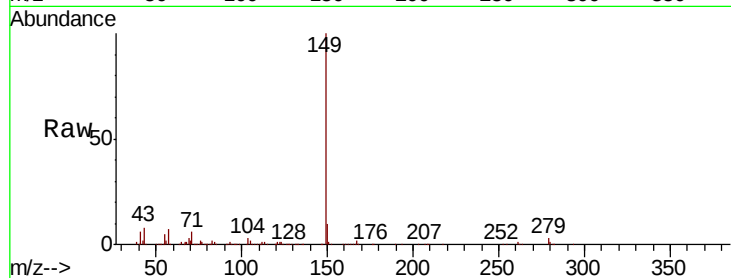
#85
Di-n-octyl phthalate
Concen: 49.172 ng
RT: 14.55 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BF117059.D
Acq: 16 Sep 2019 13:31

Instrument :
BNA_F
ClientSampleId :
RT-1868-RBR-200035MSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.8	6.2	9.4

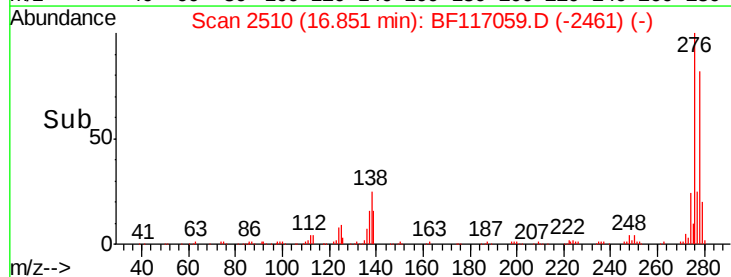
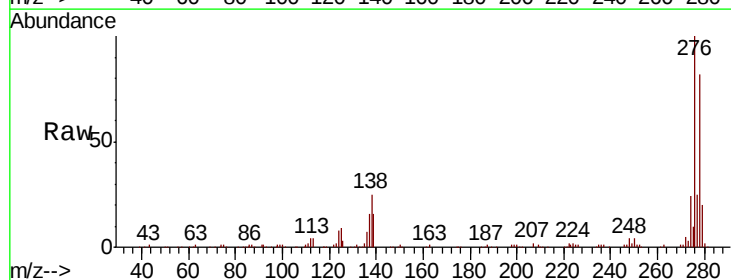
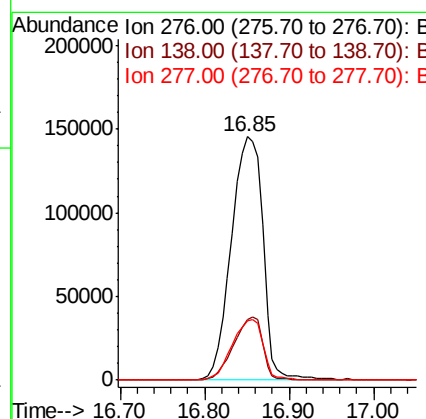
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#86
Indeno(1,2,3-cd)pyrene
Concen: 55.021 ng
RT: 16.85 min Scan# 2510
Delta R.T. -0.01 min
Lab File: BF117059.D
Acq: 16 Sep 2019 13:31

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	23.8	20.7	31.1
277	24.3	19.8	29.8





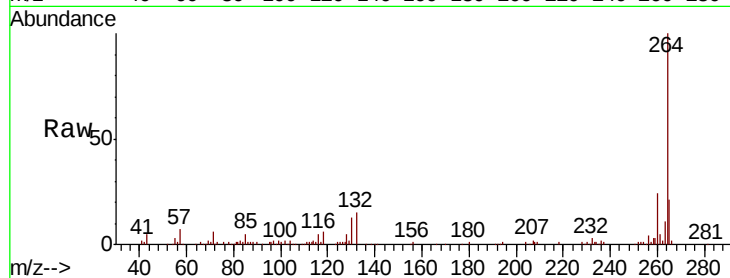
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF117059.D
Acq: 16 Sep 2019 13:31

Instrument :
BNA_F
ClientSampleId :
RT-1868-RBR-200035MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.6	26.4
265	21.2	16.6	24.8

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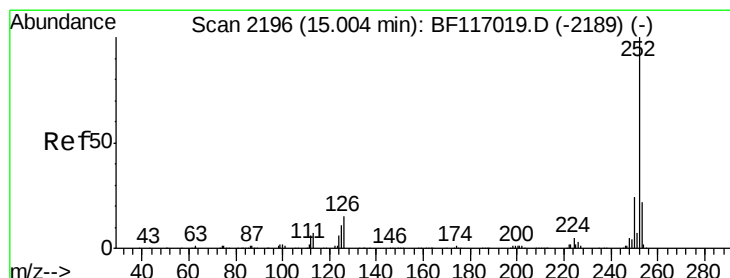
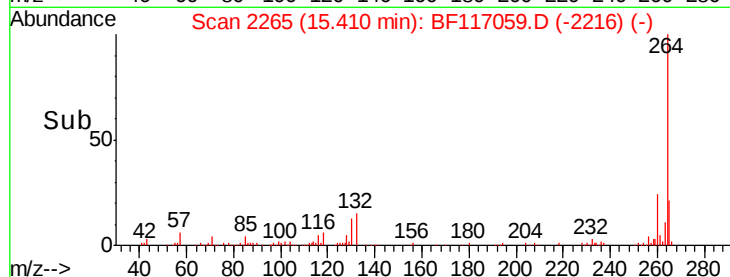
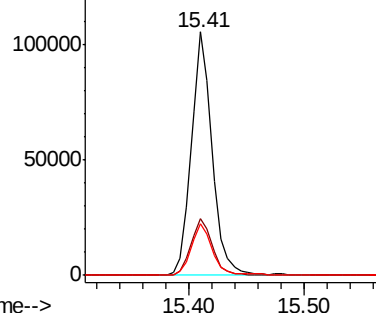


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 44.862 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF117059.D
Acq: 16 Sep 2019 13:31

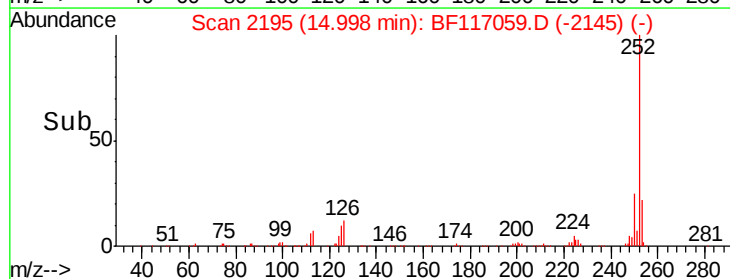
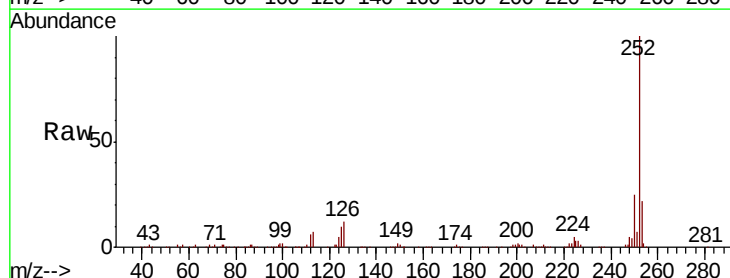
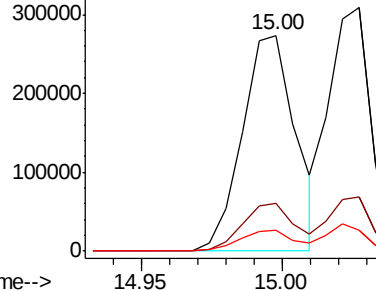
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	9.6	8.6	12.8

Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





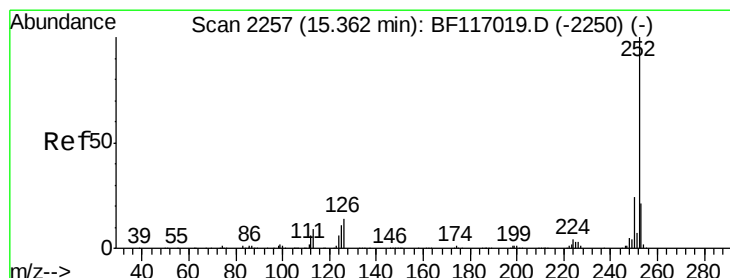
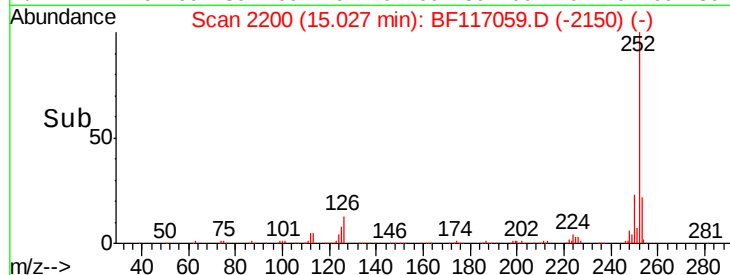
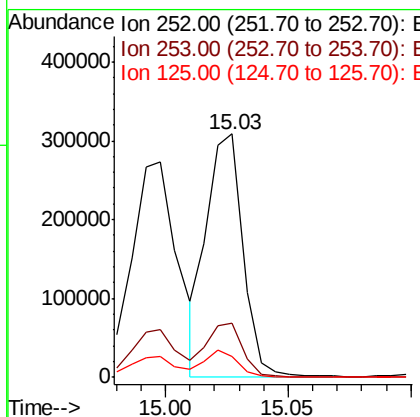
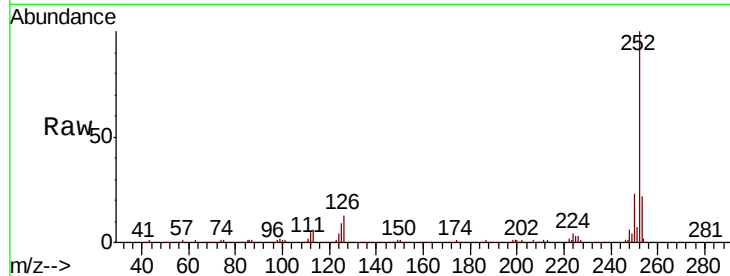
#89
Benzo(k)fluoranthene
Concen: 42.684 ng m
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF117059.D
Acq: 16 Sep 2019 13:31

Instrument :
BNA_F
ClientSampleId :
RT-1868-RBR-200035MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	8.6	8.8	13.2

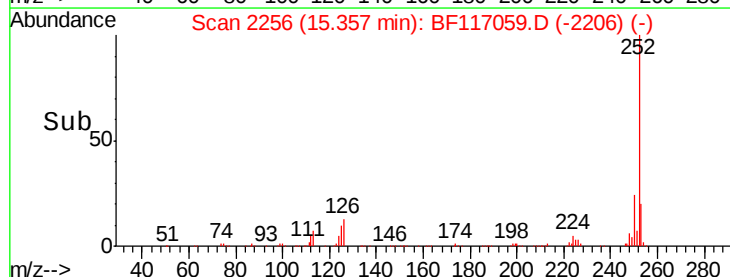
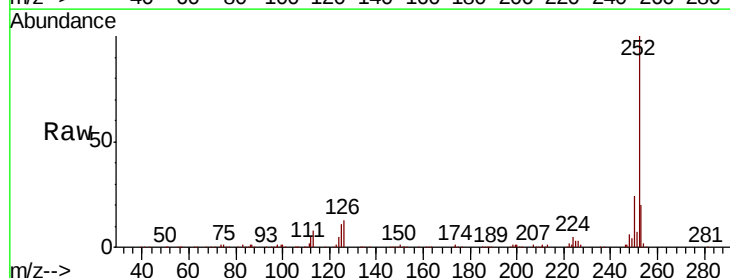
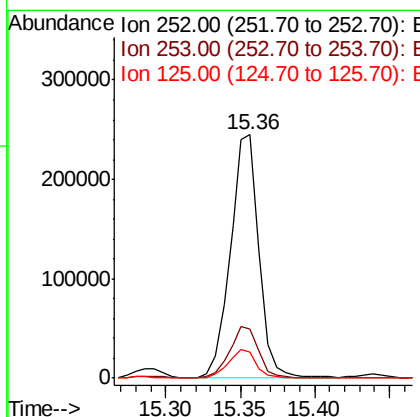
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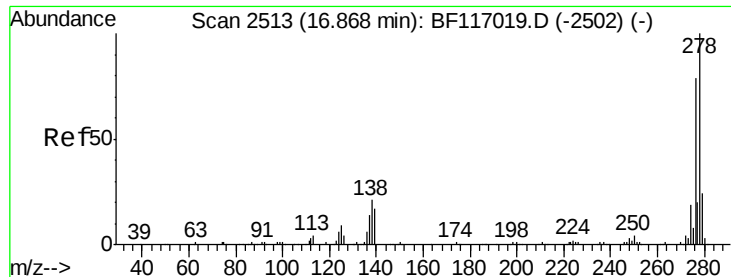
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#90
Benzo(a)pyrene
Concen: 46.456 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF117059.D
Acq: 16 Sep 2019 13:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	19.9	16.6	25.0
125	10.7	8.9	13.3





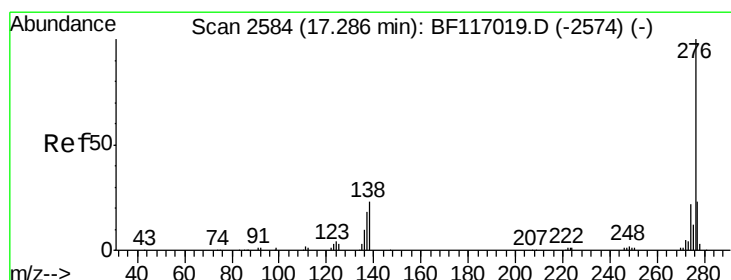
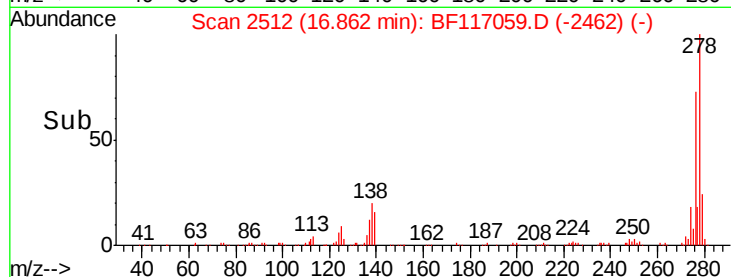
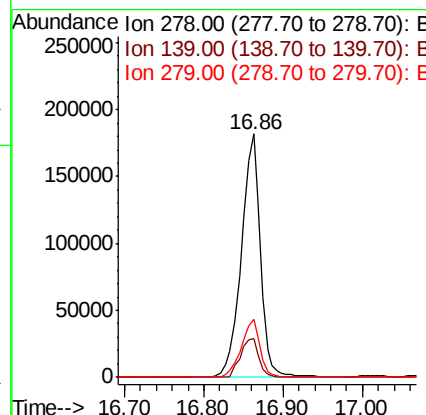
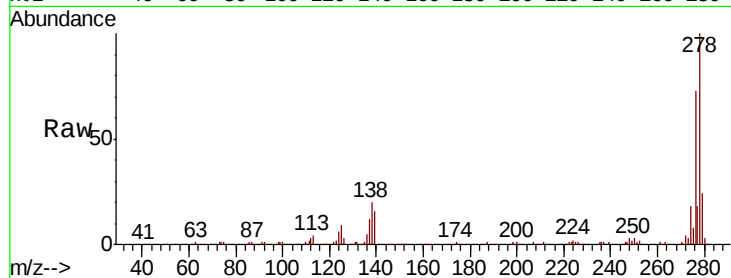
#91
Dibenzo(a,h)anthracene
Concen: 54.511 ng
RT: 16.86 min Scan# 2512
Delta R.T. -0.01 min
Lab File: BF117059.D
Acq: 16 Sep 2019 13:31

Instrument :
BNA_F
ClientSampleId :
RT-1868-RBR-200035MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.8	13.5	20.3
279	24.0	18.8	28.2

Manual Integrations
APPROVED

mohammad
9/17/2019 1:25:27 PM



#92
Benzo(g,h,i)perylene
Concen: 56.728 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.00 min
Lab File: BF117059.D
Acq: 16 Sep 2019 13:31

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.6	27.8
138	20.1	18.0	27.0

