

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
 Data File : BF115096.D
 Acq On : 21 Jun 2019 23:37
 Operator : HP/JU
 Sample : PB120612BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120612BS

Manual Integrations
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mohammad
 6/25/2019 12:41:26 PM

Quant Time: Jun 22 05:22:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 21 17:55:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	240364	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	951630	20.00	ng	0.00
39) Acenaphthene-d10	9.65	164	475024	20.00	ng	0.00
64) Phenanthrene-d10	11.12	188	932745	20.00	ng	0.00
76) Chrysene-d12	13.74	240	676547	20.00	ng	0.00
87) Perylene-d12	15.11	264	778010	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1702939	109.33	ng	0.02
7) Phenol-d6	6.26	99	2081695	110.11	ng	0.00
23) Nitrobenzene-d5	7.18	82	1286600	83.17	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	610165	121.81	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	2464641	88.13	ng	0.00
79) Terphenyl-d14	12.71	244	2622288	82.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	295433	40.189	ng	99
3) Pyridine	2.94	79	812484	39.214	ng	98
4) n-Nitrosodimethylamine	2.89	42	328557	40.451	ng	97
6) Aniline	6.27	93	713866	27.474	ng	# 9
8) 2-Chlorophenol	6.40	128	742900	42.417	ng	99
9) Benzaldehyde	6.15	77	115271	9.346	ng	98
10) Phenol	6.27	94	870883	39.326	ng	94
11) bis(2-Chloroethyl)ether	6.36	93	680671	41.697	ng	98
12) 1,3-Dichlorobenzene	6.55	146	796962	41.001	ng	99
13) 1,4-Dichlorobenzene	6.63	146	803214	41.208	ng	99
14) 1,2-Dichlorobenzene	6.78	146	746121	41.335	ng	99
15) Benzyl Alcohol	6.76	79	572731	41.604	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.90	45	981112	41.439	ng	100
17) 2-Methylphenol	6.88	107	619737	42.868	ng	99
18) Hexachloroethane	7.13	117	289201	41.155	ng	98
19) n-Nitroso-di-n-propylamine	7.04	70	486048	40.158	ng	98
20) 3+4-Methylphenols	7.03	107	710854	42.584	ng	95
22) Acetophenone	7.02	105	970981	44.569	ng	# 98
24) Nitrobenzene	7.20	77	746312	43.791	ng	100
25) Isophorone	7.44	82	1393219	43.963	ng	100
26) 2-Nitrophenol	7.51	139	396286	47.085	ng	97
27) 2,4-Dimethylphenol	7.56	122	699457	50.758	ng	98
28) bis(2-Chloroethoxy)methane	7.66	93	876603	43.765	ng	99
29) 2,4-Dichlorophenol	7.75	162	638760	44.917	ng	97
30) 1,2,4-Trichlorobenzene	7.84	180	690977	43.988	ng	99
31) Naphthalene	7.92	128	2102248	45.003	ng	100
32) Benzoic acid	7.70	122	527750	53.652	ng	98
33) 4-Chloroaniline	7.97	127	499863	23.414	ng	100
34) Hexachlorobutadiene	8.05	225	370406	43.029	ng	99
35) Caprolactam	8.34	113	208545m	43.617	ng	
36) 4-Chloro-3-methylphenol	8.46	107	646812	44.911	ng	94
37) 2-Methylnaphthalene	8.61	142	1439157	45.693	ng	98
38) 1-Methylnaphthalene	8.71	142	1380683	45.898	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	578052	43.063	ng	99

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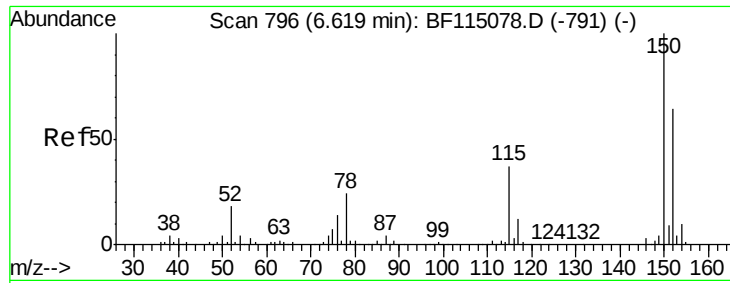
Manual Integrations
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Quant Time: Jun 22 05:22:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 21 17:55:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	730366	91.759	nq	99
43) 2,4,6-Trichlorophenol	8.89	196	462930	44.670	nq	99
44) 2,4,5-Trichlorophenol	8.93	196	485469	45.489	nq	98
46) 1,1'-Biphenyl	9.08	154	1667414	43.869	nq	99
47) 2-Chloronaphthalene	9.10	162	1348288	43.732	nq	98
48) 2-Nitroaniline	9.19	65	391529	43.559	nq	94
49) Acenaphthylene	9.51	152	2114645	44.022	nq	99
50) Dimethylphthalate	9.38	163	1537260	43.986	nq	100
51) 2,6-Dinitrotoluene	9.44	165	367887	45.595	nq	94
52) Acenaphthene	9.68	154	1441185	47.947	nq	99
53) 3-Nitroaniline	9.60	138	275202	27.950	nq	97
54) 2,4-Dinitrophenol	9.71	184	376846	89.778	nq	94
55) Dibenzofuran	9.85	168	1842341	42.704	nq	99
56) 4-Nitrophenol	9.77	139	678405	85.942	nq	97
57) 2,4-Dinitrotoluene	9.84	165	490219	47.054	nq	95
58) Fluorene	10.20	166	1280871	44.523	nq	99
59) 2,3,4,6-Tetrachlorophenol	9.97	232	418891	46.809	nq	99
60) Diethylphthalate	10.08	149	1543545	43.937	nq	99
61) 4-Chlorophenyl-phenylether	10.19	204	616269	45.175	nq	96
62) 4-Nitroaniline	10.21	138	412183	41.729	nq	98
63) Azobenzene	10.35	77	1457118	44.407	nq	97
65) 4,6-Dinitro-2-methylphenol	10.24	198	225231	45.653	nq	100
66) n-Nitrosodiphenylamine	10.31	169	1306146	44.947	nq	99
67) 4-Bromophenyl-phenylether	10.68	248	440221	43.531	nq	93
68) Hexachlorobenzene	10.74	284	479196	43.655	nq	94
69) Atrazine	10.84	200	408999	43.753	nq	99
70) Pentachlorophenol	10.93	266	572010	81.797	nq	96
71) Phenanthrene	11.14	178	2108958	41.994	nq	99
72) Anthracene	11.19	178	2179121	42.986	nq	98
73) Carbazole	11.35	167	1963230	43.369	nq	99
74) Di-n-butylphthalate	11.70	149	2314169	44.240	nq	99
75) Fluoranthene	12.32	202	2177498	43.457	nq	99
77) Benzidine	12.45	184	1024789	34.113	nq	99
78) Pyrene	12.55	202	2242247	43.126	nq	98
80) Butylbenzylphthalate	13.19	149	1043320	45.470	nq	95
81) Benzo(a)anthracene	13.73	228	2062174	42.480	nq	100
82) 3,3'-Dichlorobenzidine	13.70	252	549988	31.374	nq	99
83) Chrysene	13.77	228	1880830	42.296	nq	99
84) Bis(2-ethylhexyl)phthalate	13.75	149	1369987	45.567	nq	100
85) Di-n-octyl phthalate	14.37	149	2363998	46.798	nq	100
86) Indeno(1,2,3-cd)pyrene	16.38	276	2349374	44.649	nq	99
88) Benzo(b)fluoranthene	14.74	252	2211533	45.556	nq	99
89) Benzo(k)fluoranthene	14.77	252	1919506	44.091	nq	98
90) Benzo(a)pyrene	15.06	252	2046034	46.761	nq	98
91) Dibenzo(a,h)anthracene	16.41	278	1928994	47.224	nq	99
92) Benzo(g,h,i)perylene	16.78	276	1971093	47.677	nq	99

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



#1

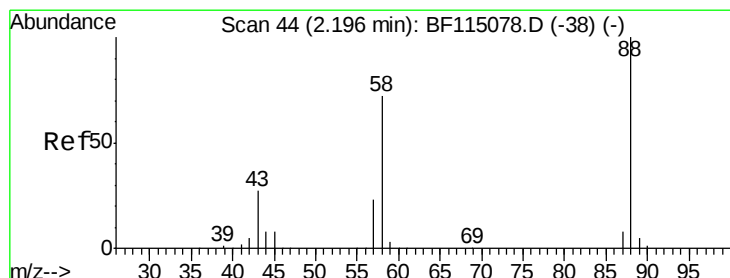
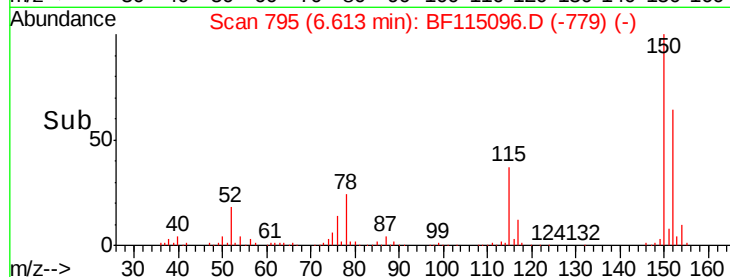
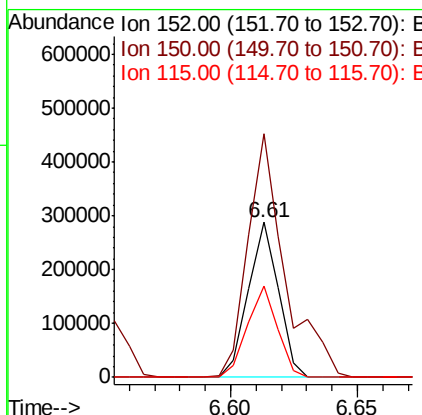
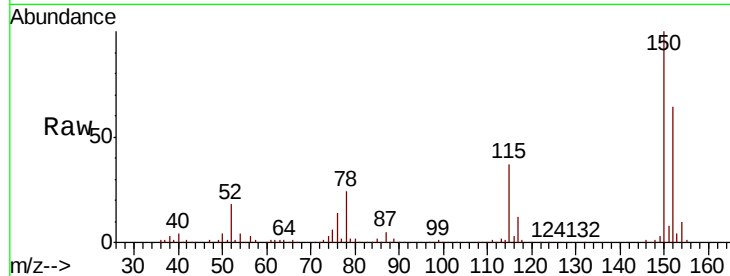
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.61 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF115096.D
 Acq: 21 Jun 2019 23:37

Instrument :
 BNA_F
 ClientSampleId :
 PB120612BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.2	186.2
115	58.7	46.1	69.1

Manual Integrations
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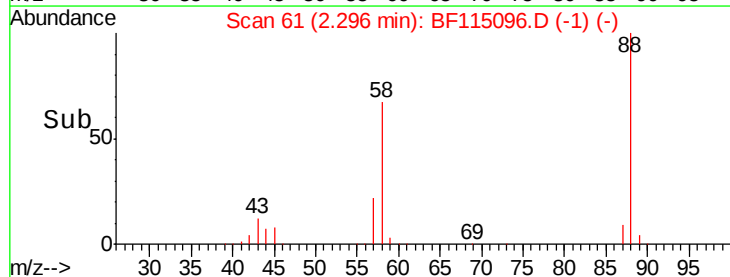
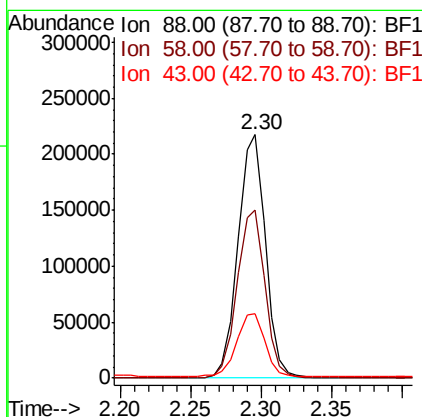
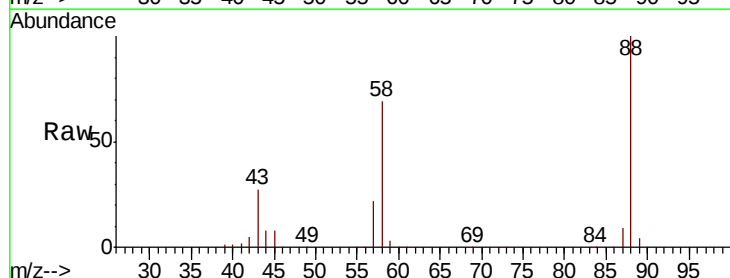
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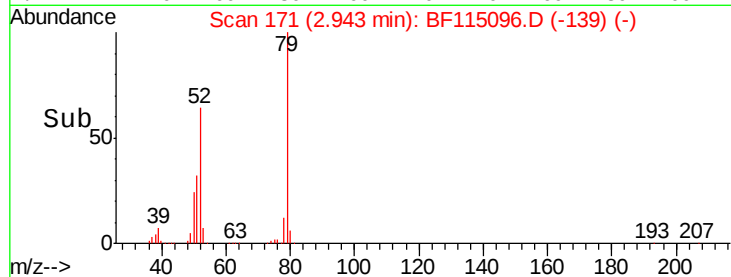
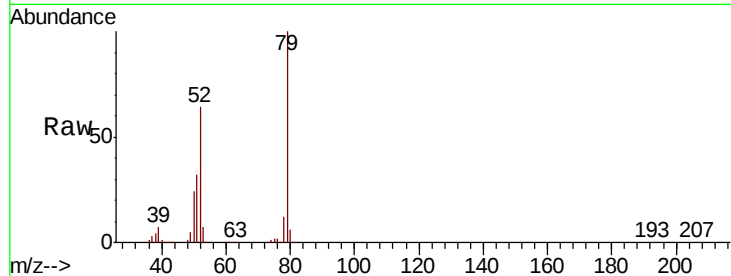
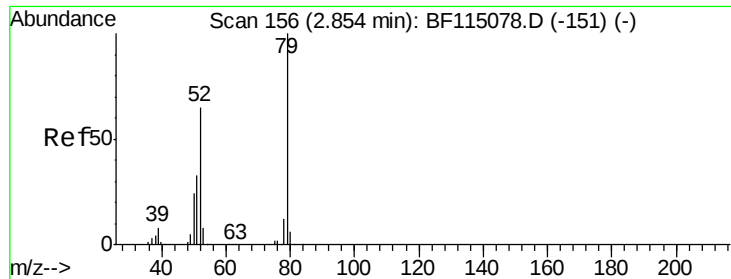


#2

1,4-Dioxane
 Concen: 40.189 ng
 RT: 2.30 min Scan# 61
 Delta R.T. 0.10 min
 Lab File: BF115096.D
 Acq: 21 Jun 2019 23:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.4	56.1	84.1
43	26.8	21.3	31.9





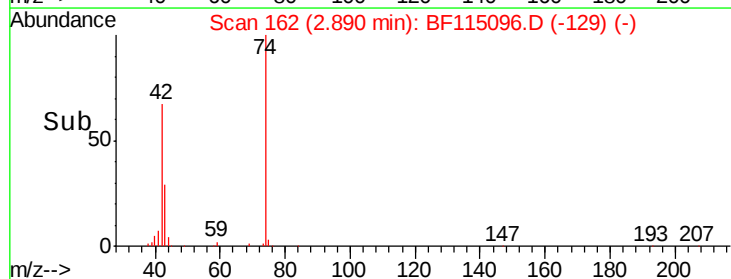
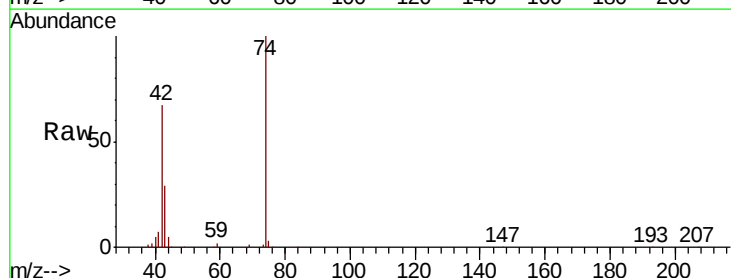
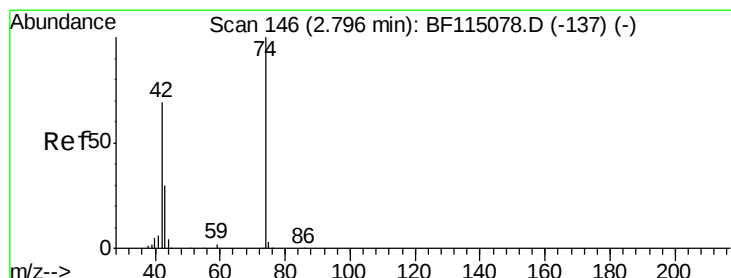
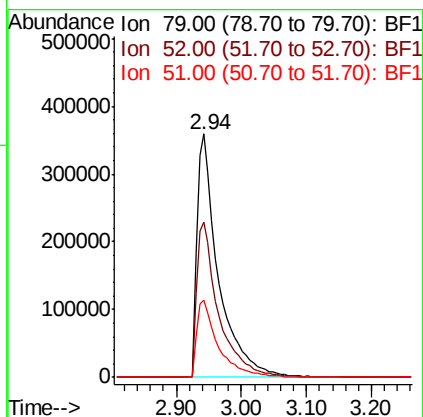
#3
Pvridine
Concen: 39.214 ng
RT: 2.94 min Scan# 171
Delta R.T. 0.09 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Tot Ion	Ratio	Lower	Upper
79	100		
52	63.8	52.3	78.5
51	31.6	26.1	39.1

Instrument :
BNA_F
ClientSampleId :
PB120612BS

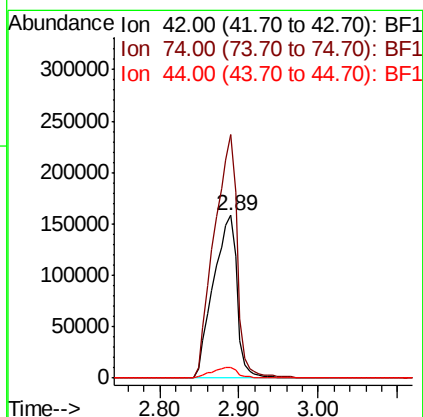
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#4
n-Nitrosodimethylamine
Concen: 40.451 ng
RT: 2.89 min Scan# 162
Delta R.T. 0.09 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Tgt Ion	Ratio	Lower	Upper
42	100		
74	149.5	116.6	175.0
44	6.7	5.3	7.9





#5

2-Fluorophenol

Concen: 109.331 ng

RT: 5.22 min Scan# 559

Delta R.T. 0.02 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

Instrument :

BNA_F

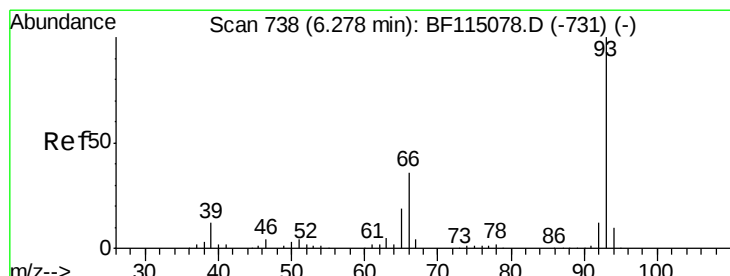
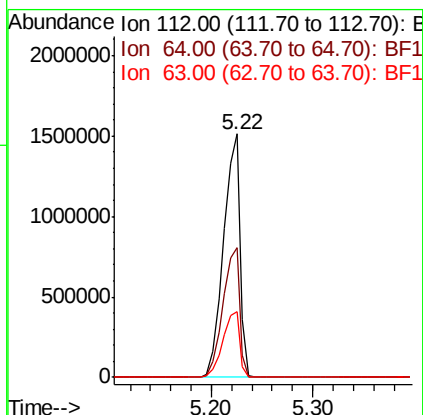
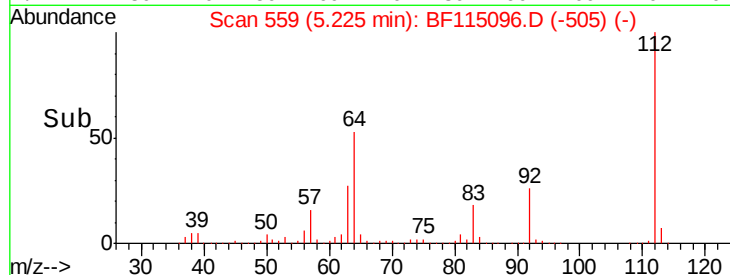
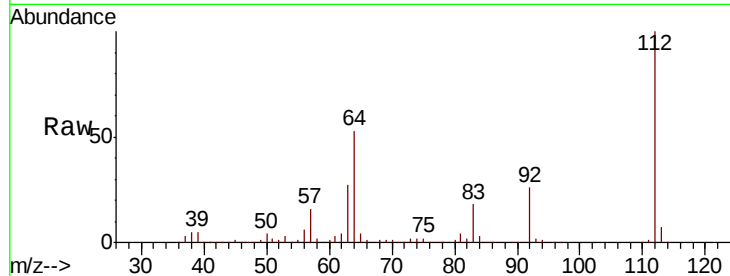
ClientSampleId :

PB120612BS

Tot Ion:	112	Resp:	1702939
Ion	Ratio	Lower	Upper
112	100		
64	53.3	43.8	65.6
63	27.2	22.2	33.4

Manual Integrations
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#6

Aniline

Concen: 27.474 ng

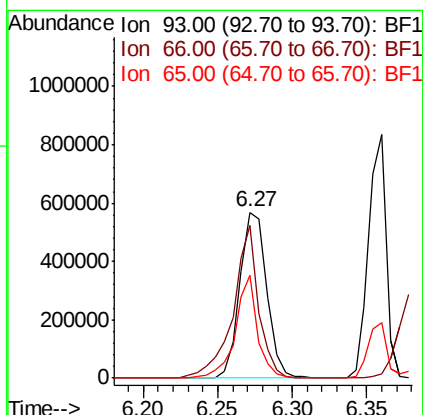
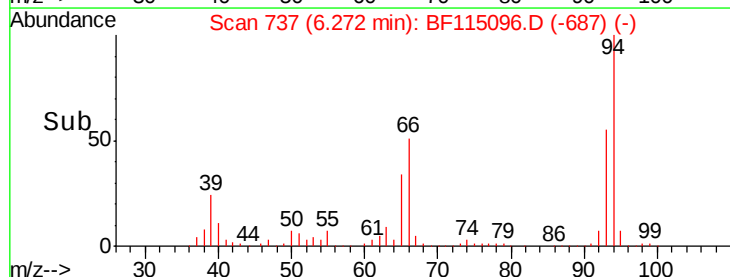
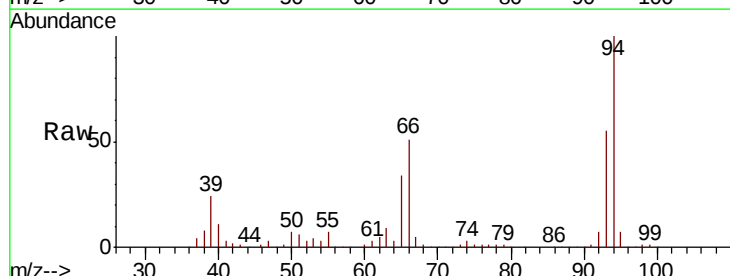
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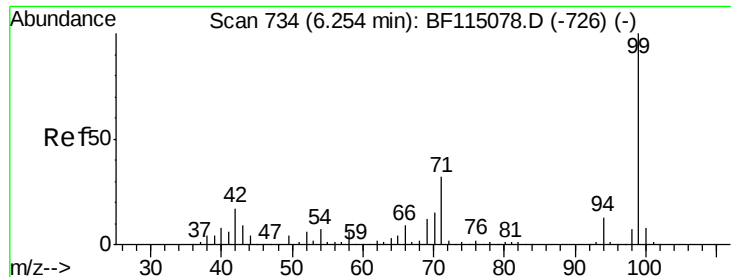
Delta R.T. -0.01 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

Tgt Ion:	93	Resp:	713866
Ion	Ratio	Lower	Upper
93	100		
66	91.6	30.0	45.0#
65	61.5	15.6	23.4#





#7

Phenol-d6

Concen: 110.111 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

Instrument :

BNA_F

ClientSampleId :

PB120612BS

Tot Ion: 99 Resp: 2081695

Ion Ratio Lower Upper

99 100

42 16.6 13.6 20.4

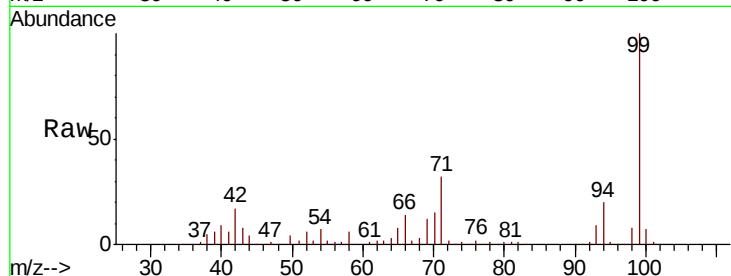
71 32.0 25.5 38.3

Manual Integrations

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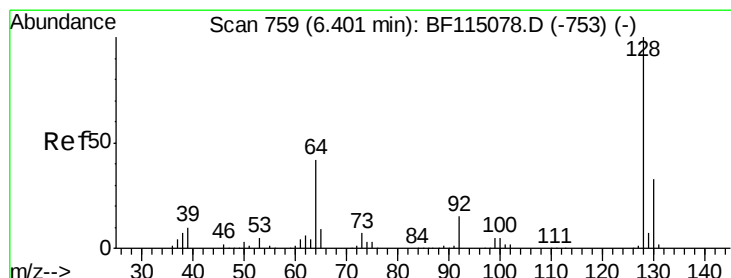
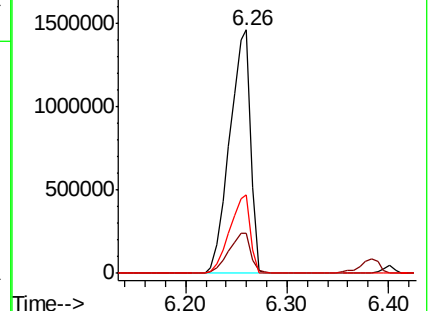
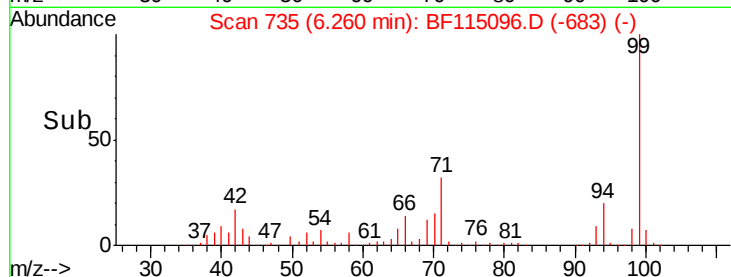
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.417 ng

RT: 6.40 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

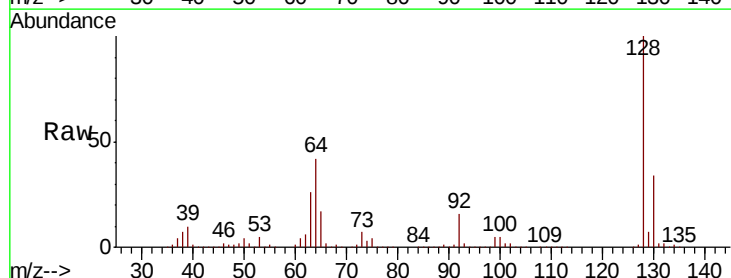
Tgt Ion:128 Resp: 742900

Ion Ratio Lower Upper

128 100

130 33.8 12.9 52.9

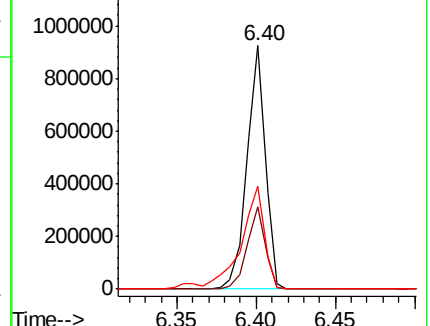
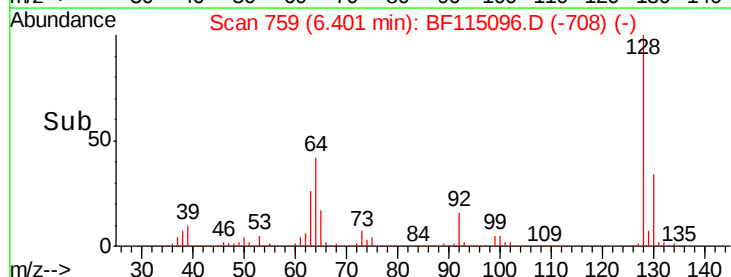
64 42.1 22.9 62.9

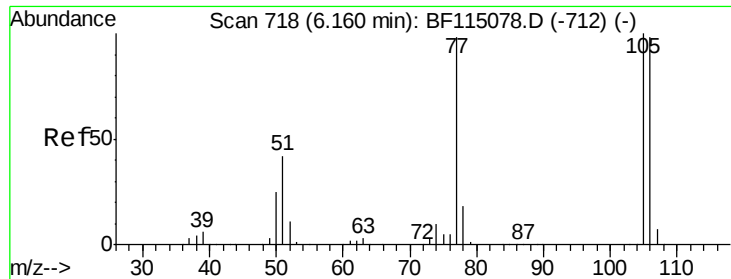


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





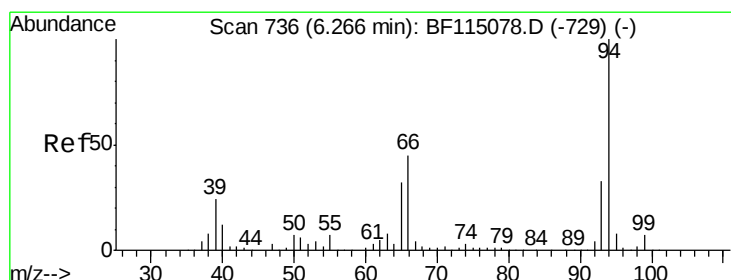
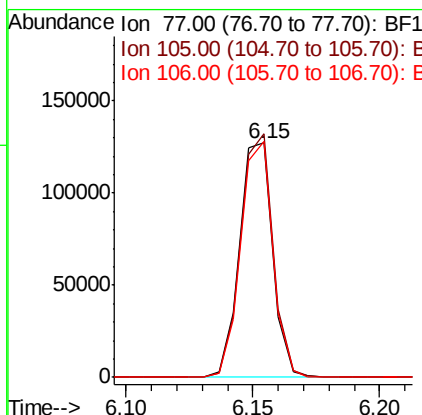
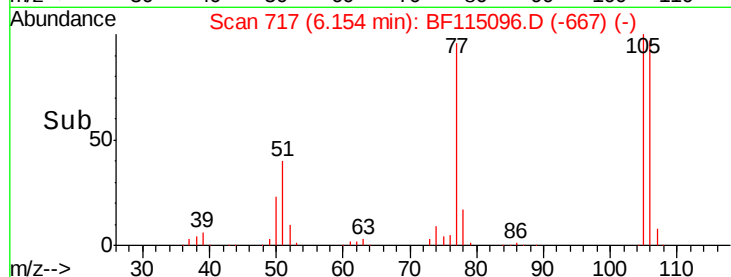
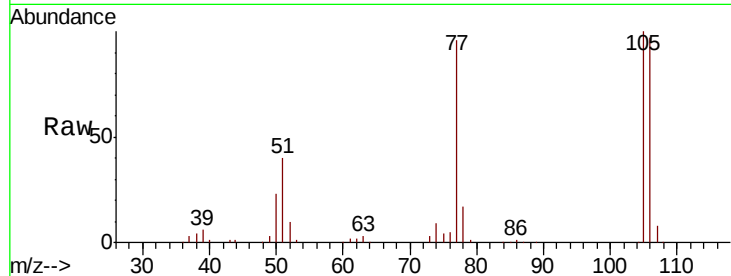
#9
Benzaldehyde
Concen: 9.346 ng
RT: 6.15 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Instrument :
BNA_F
ClientSampleId :
PB120612BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	103.9	81.5	121.5
106	100.6	79.7	119.7

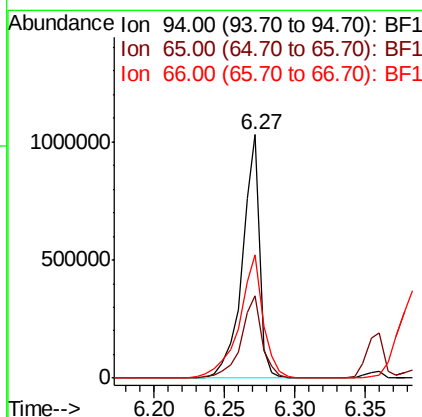
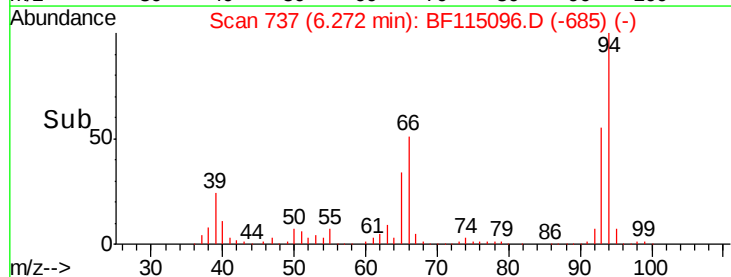
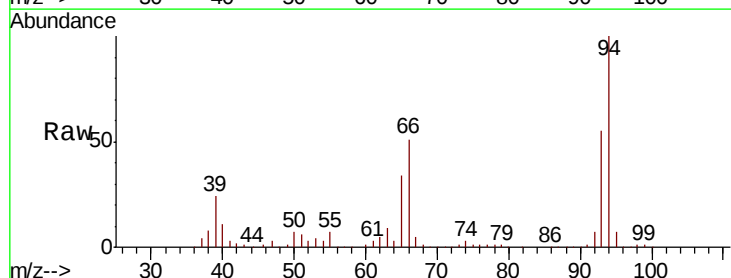
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#10
Phenol
Concen: 39.326 ng
RT: 6.27 min Scan# 737
Delta R.T. 0.01 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.0	11.9	51.9
66	50.6	25.2	65.2





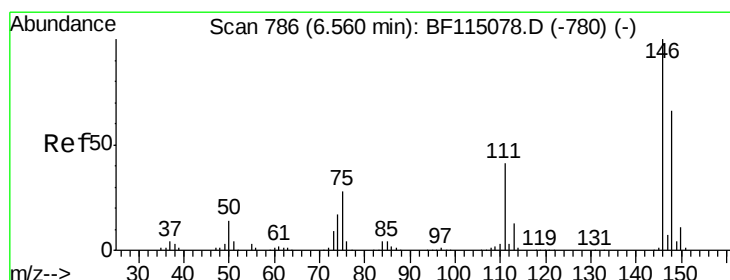
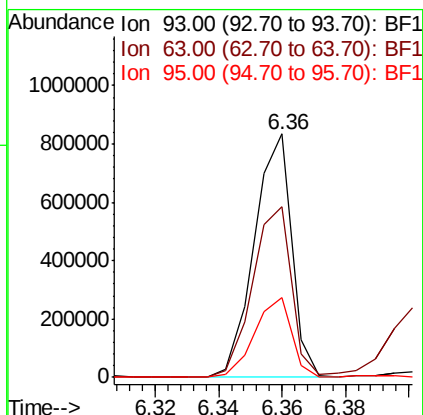
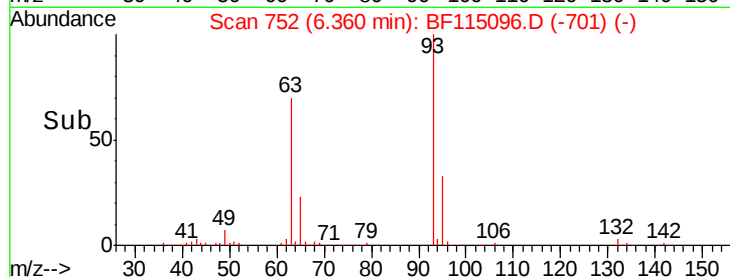
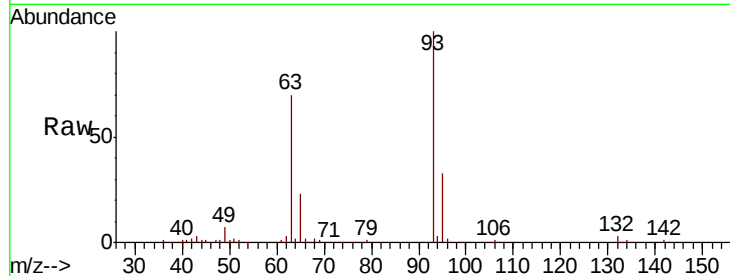
#11
bis(2-Chloroethyl)ether
Concen: 41.697 ng
RT: 6.36 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Instrument :
BNA_F
ClientSampled :
PB120612BS

Tot Ion:	93	Resp:	680671
Ion Ratio	Lower	Upper	
93	100		
63	70.0	51.5	91.5
95	32.9	13.4	53.4

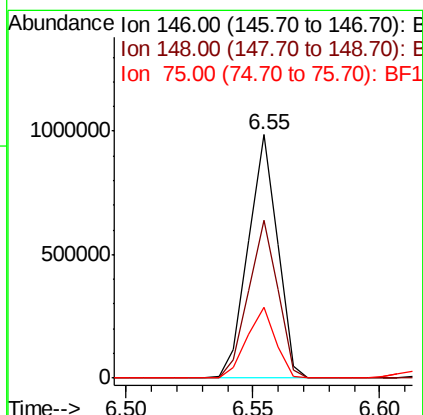
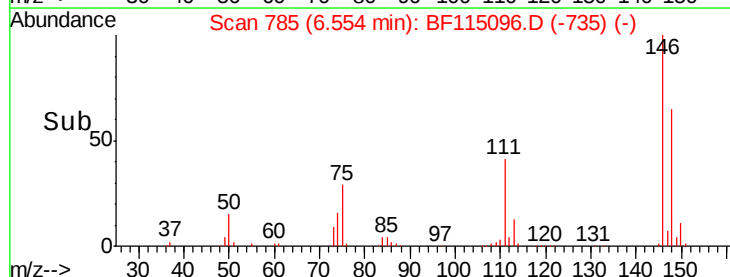
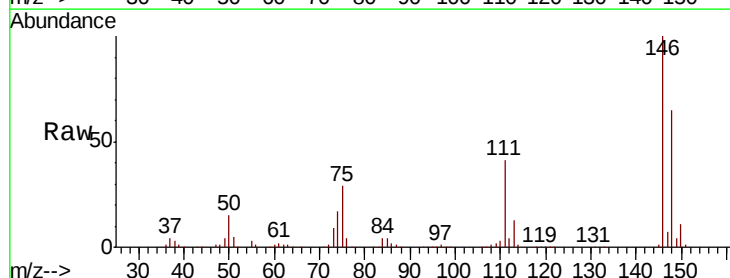
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#12
1,3-Dichlorobenzene
Concen: 41.001 ng
RT: 6.55 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Tgt Ion:	146	Resp:	796962
Ion Ratio	Lower	Upper	
146	100		
148	64.6	52.6	78.8
75	29.1	22.6	34.0





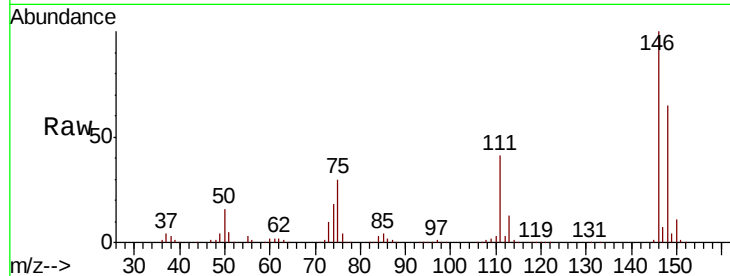
#13
 1,4-Dichlorobenzene
 Concen: 41.208 ng
 RT: 6.63 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF115096.D
 Acq: 21 Jun 2019 23:37

Instrument :
 BNA_F
 ClientSampled :
 PB120612BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.9	77.9
111	40.9	31.4	47.0

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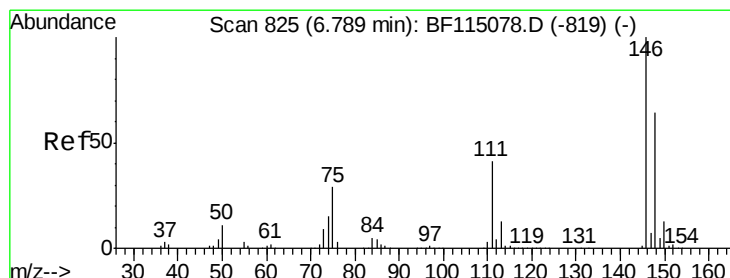
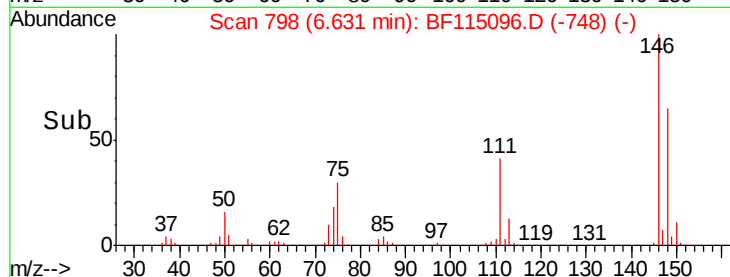
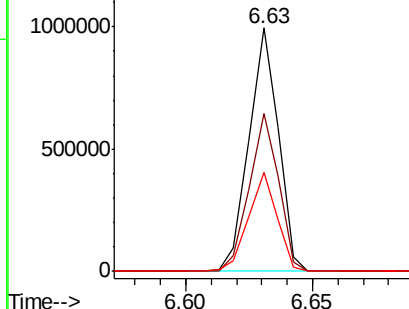


Abundance

Ion 146.00 (145.70 to 146.70): E

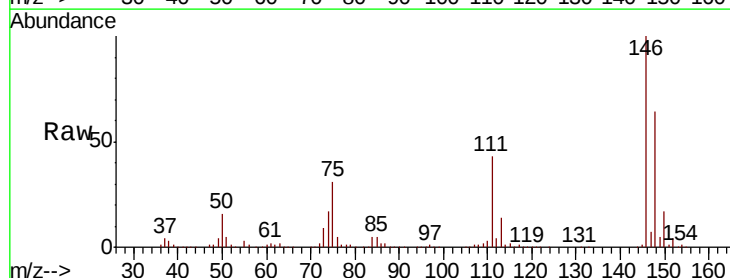
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 41.335 ng
 RT: 6.78 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF115096.D
 Acq: 21 Jun 2019 23:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.1	76.7
111	43.3	33.2	49.8

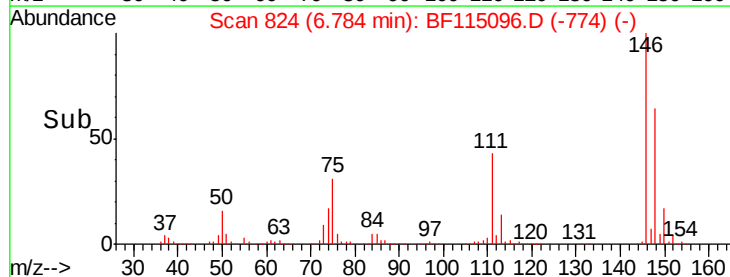
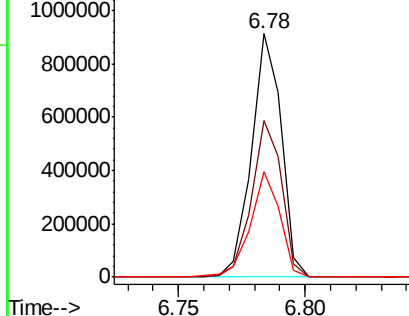


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.604 ng

RT: 6.76 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

Instrument :

BNA_F

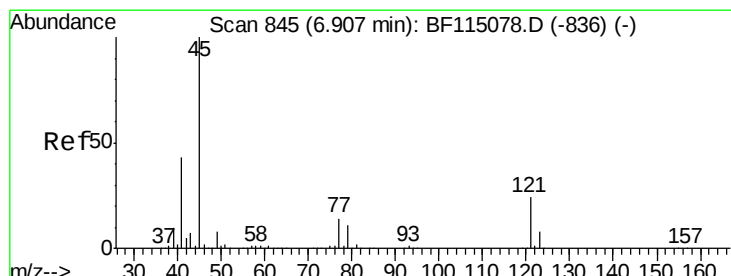
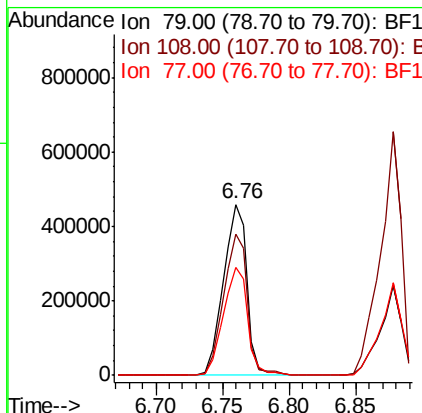
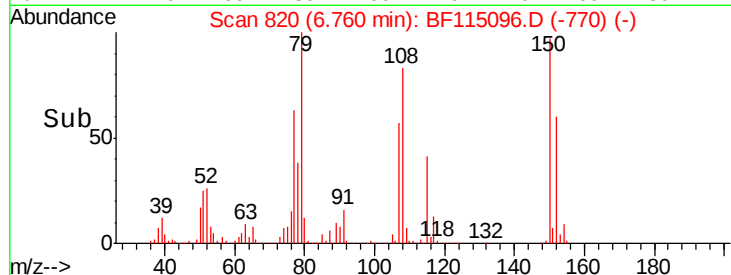
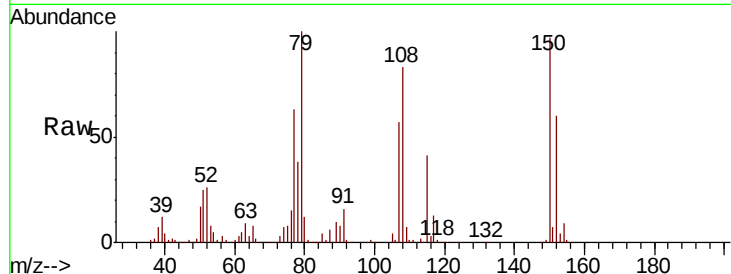
ClientSampled :

PB120612BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.8	68.7	103.1
77	63.5	51.7	77.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.439 ng

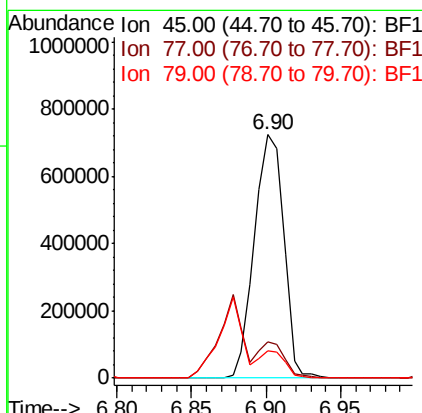
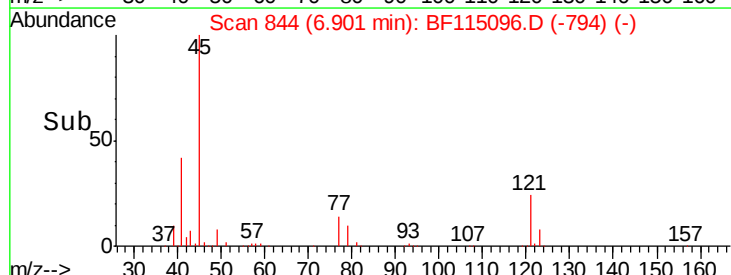
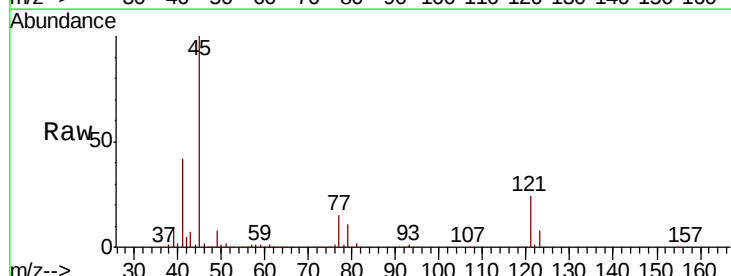
RT: 6.90 min Scan# 844

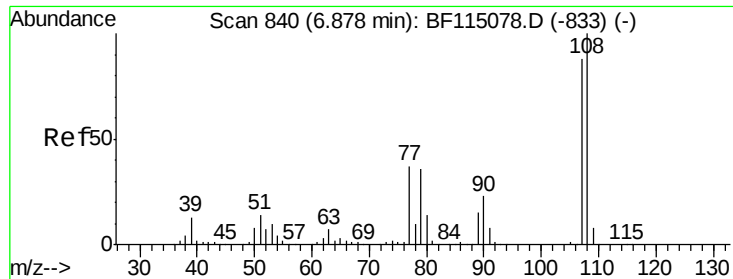
Delta R.T. -0.01 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.7	0.0	34.6
79	11.0	0.0	31.2





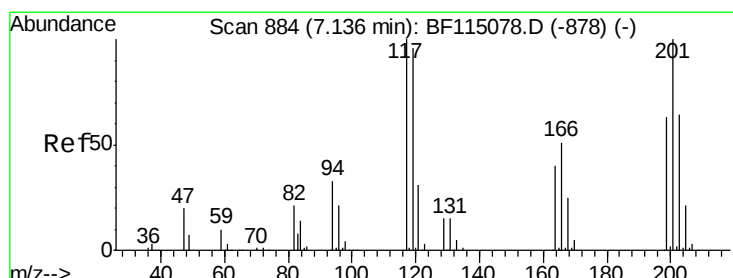
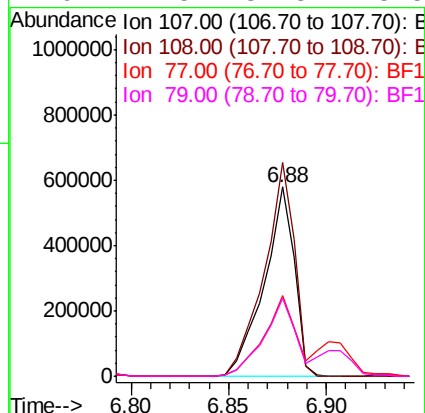
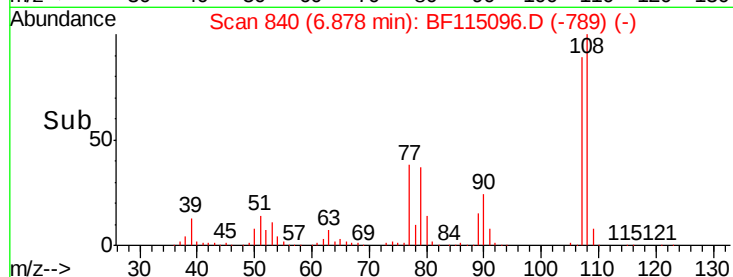
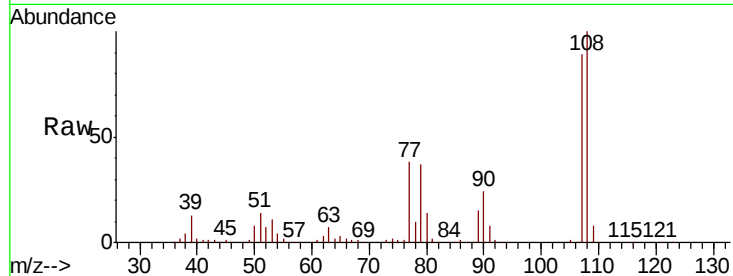
#17
2-Methylphenol
Concen: 42.868 ng
RT: 6.88 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Instrument :
BNA_F
ClientSampleId :
PB120612BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.0	90.9	136.3	
77	42.9	33.4	50.2	
79	41.5	32.3	48.5	

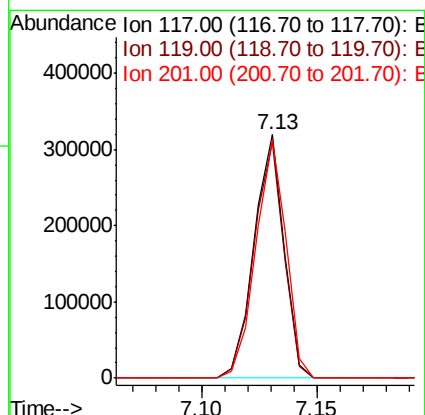
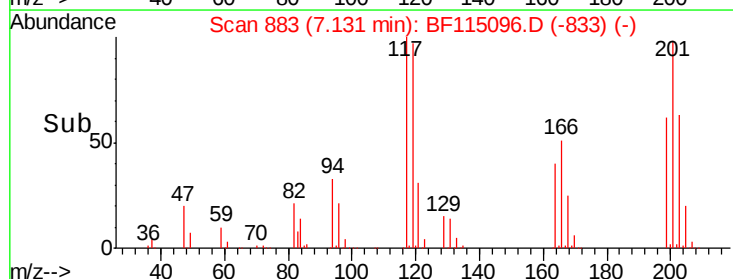
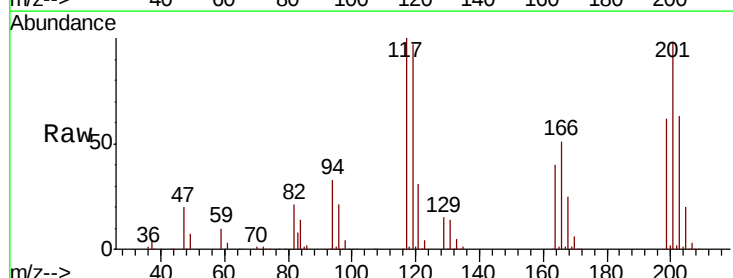
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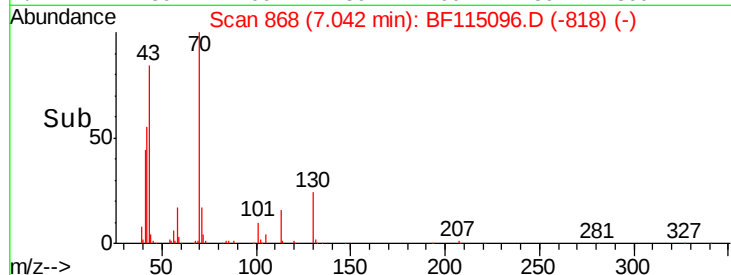
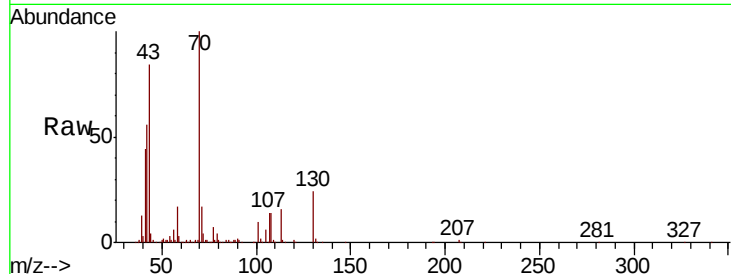
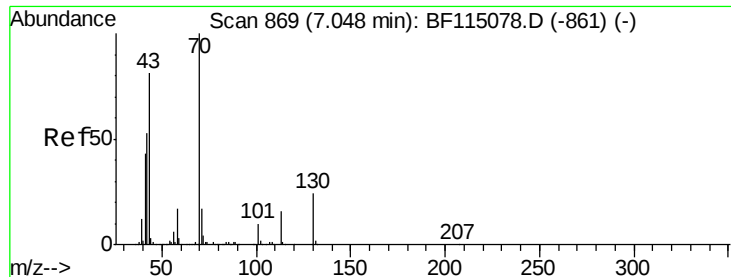
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#18
Hexachloroethane
Concen: 41.155 ng
RT: 7.13 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.9	76.6	114.8	
201	98.2	80.2	120.2	





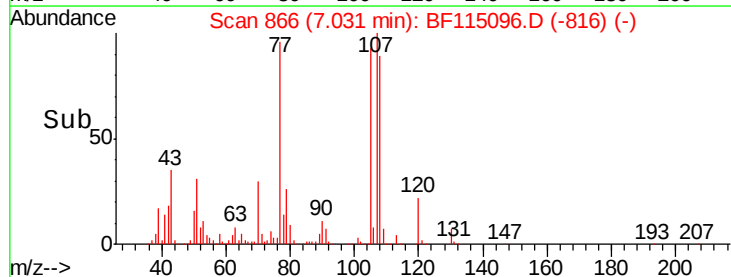
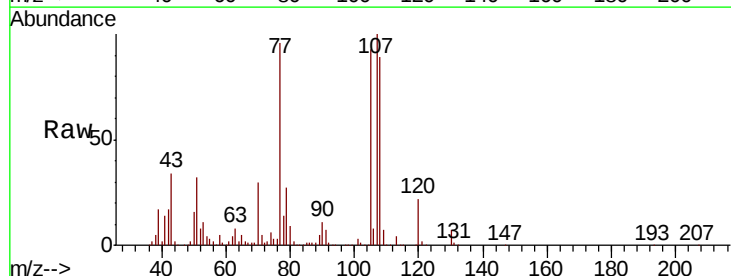
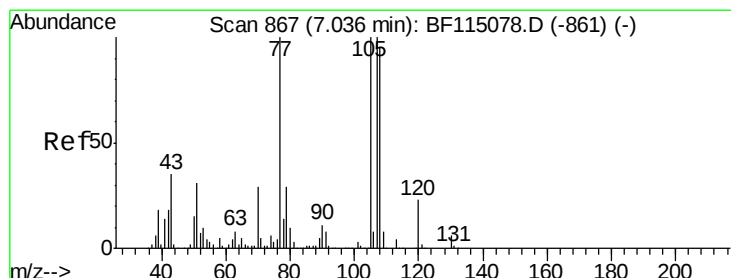
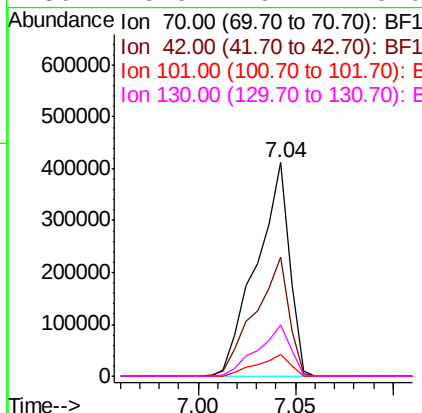
#19
n-Nitroso-di-n-propylamine
Concen: 40.158 ng
RT: 7.04 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Instrument :
BNA_F
ClientSampleId :
PB120612BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		486048		
42	55.7	42.6	63.8		
101	10.0	8.0	12.0		
130	23.9	19.4	29.0		

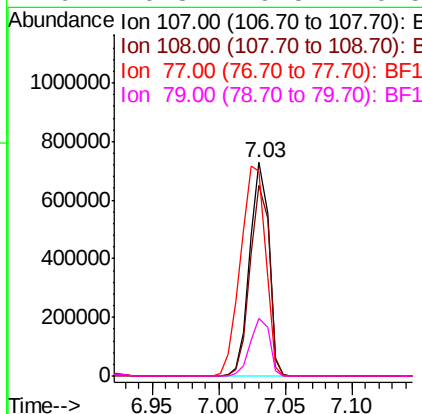
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#20
3+4-Methylphenols
Concen: 42.584 ng
RT: 7.03 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		710854		
108	89.2	75.5	115.5		
77	96.0	80.2	120.2		
79	26.8	9.5	49.5		





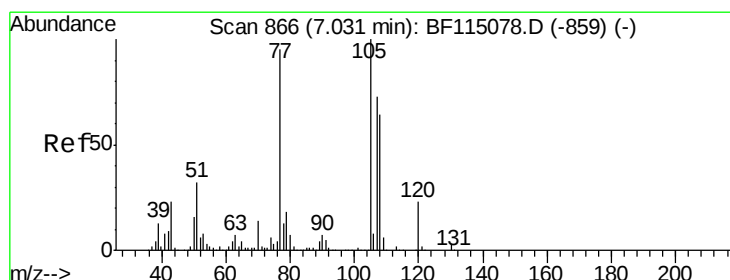
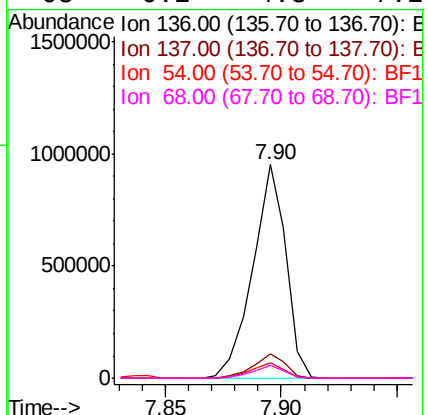
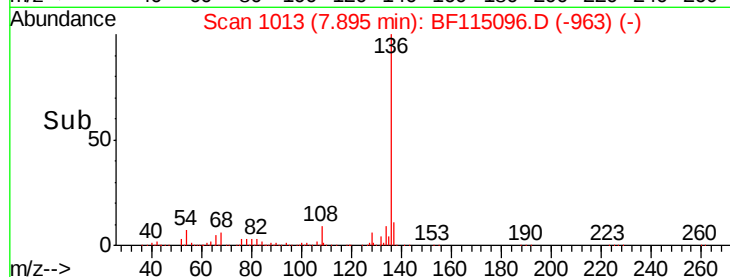
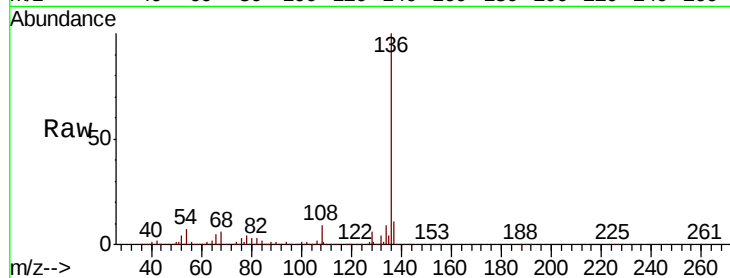
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Instrument :
BNA_F
ClientSampleId :
PB120612BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	951630		
137	11.4	8.9	13.3	
54	7.2	5.6	8.4	
68	6.2	4.8	7.2	

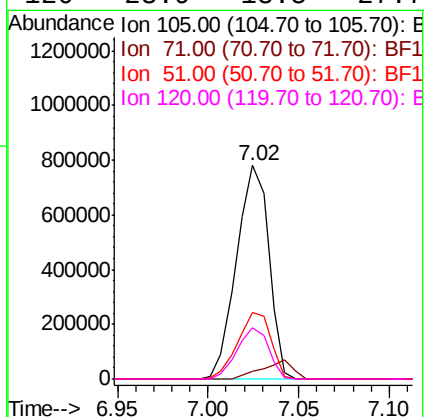
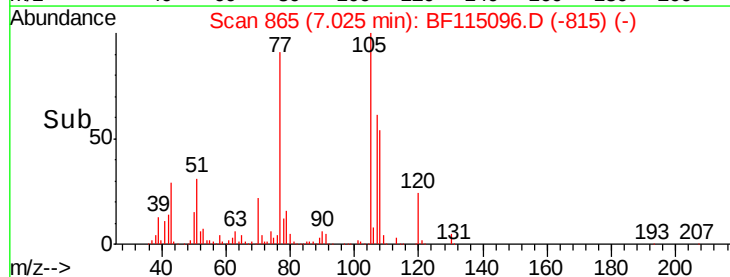
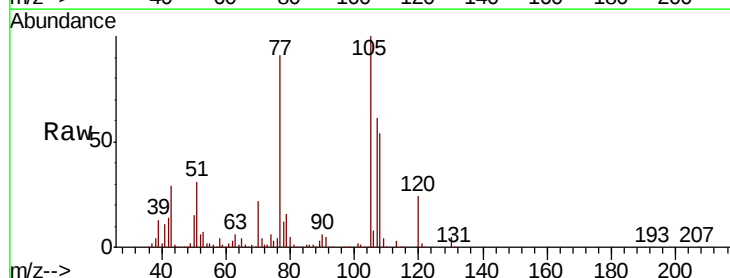
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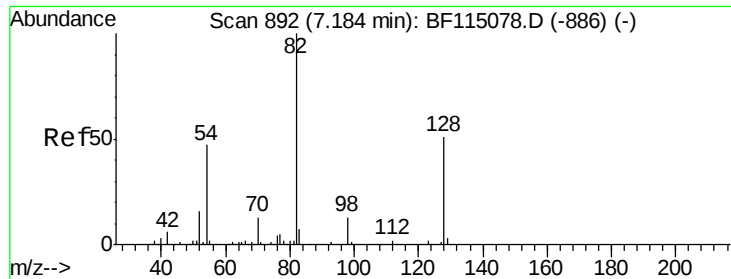
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#22
Acetophenone
Concen: 44.569 ng
RT: 7.02 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	970981		
71	3.8	1.9	2.9#	
51	31.2	25.8	38.8	
120	23.9	18.5	27.7	





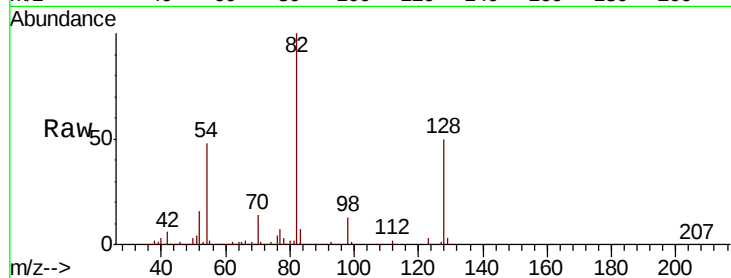
#23
 Nitrobenzene-d5
 Concen: 83.169 ng
 RT: 7.18 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF115096.D
 Acq: 21 Jun 2019 23:37

Instrument :
 BNA_F
 ClientSampleId :
 PB120612BS

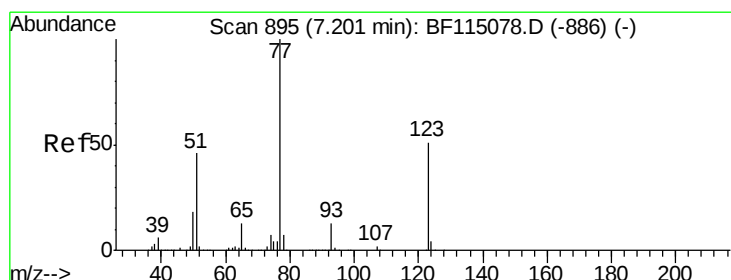
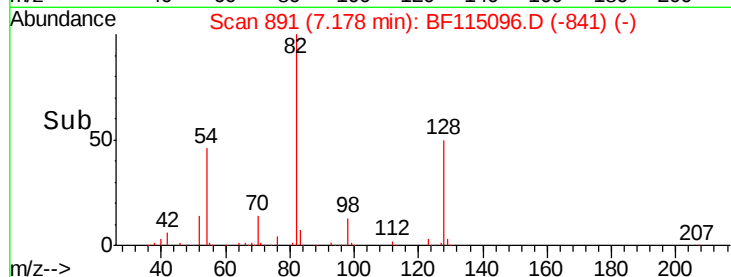
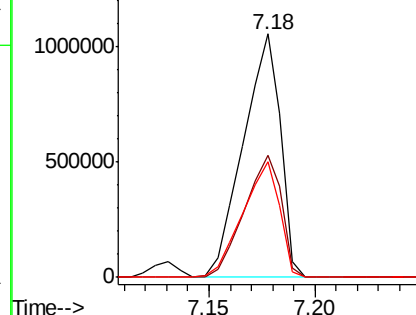
Tot Ion	Ratio	Lower	Upper
82	100		
128	50.1	40.4	60.6
54	47.7	37.5	56.3

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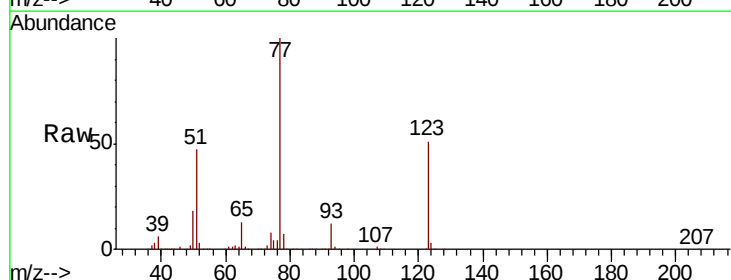


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

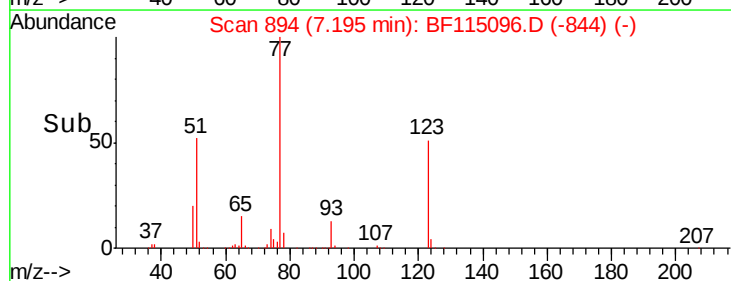
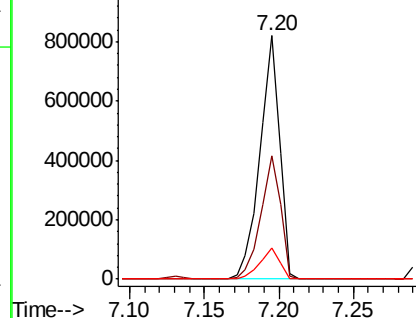


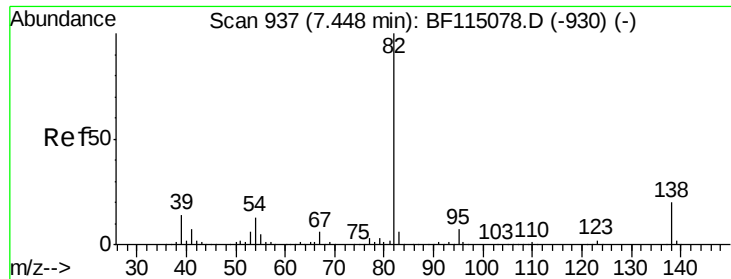
#24
 Nitrobenzene
 Concen: 43.791 ng
 RT: 7.20 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF115096.D
 Acq: 21 Jun 2019 23:37

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.9	41.0	61.6
65	13.0	10.5	15.7



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





#25

Isophorone

Concen: 43.963 ng

RT: 7.44 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

Instrument :

BNA_F

ClientSampleId :

PB120612BS

Tot Ion: 82 Resp: 1393219

Ion Ratio Lower Upper

82 100

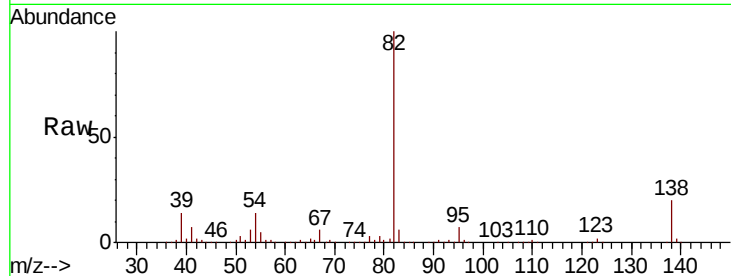
95 6.8 5.4 8.2

138 19.9 15.9 23.9

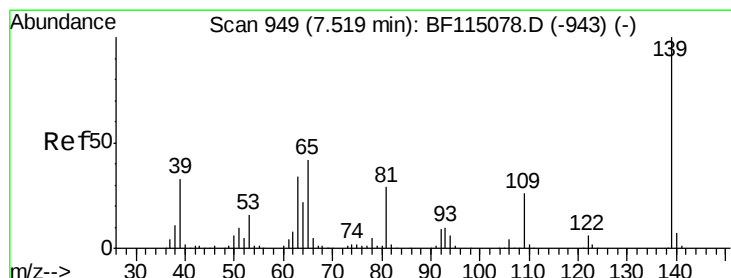
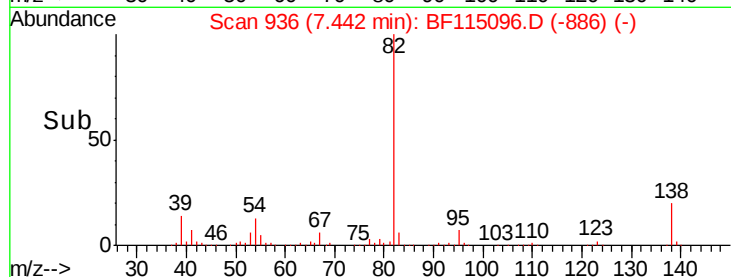
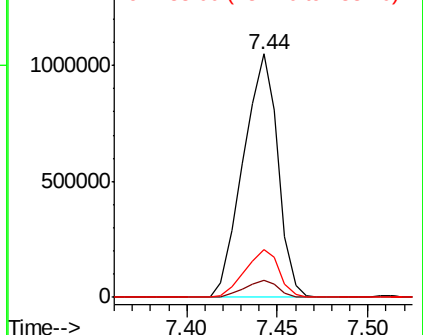
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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): E



#26

2-Nitrophenol

Concen: 47.085 ng

RT: 7.51 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

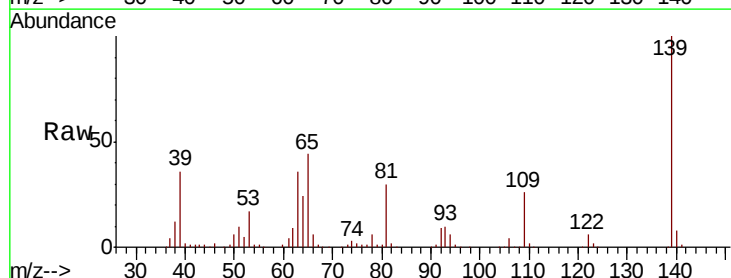
Tgt Ion: 139 Resp: 396286

Ion Ratio Lower Upper

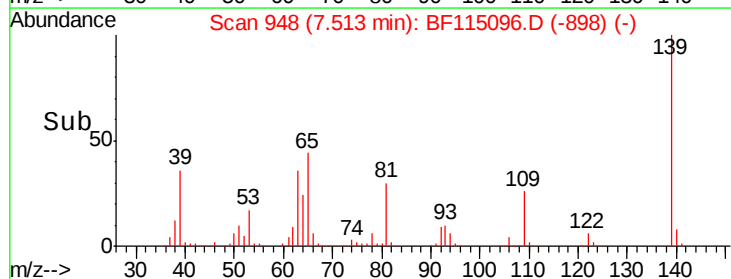
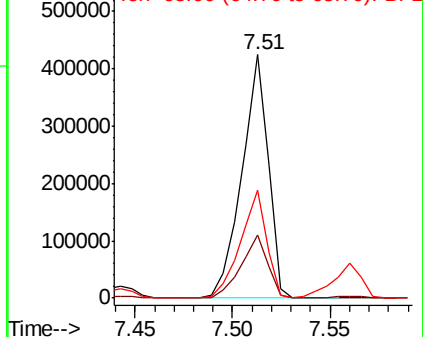
139 100

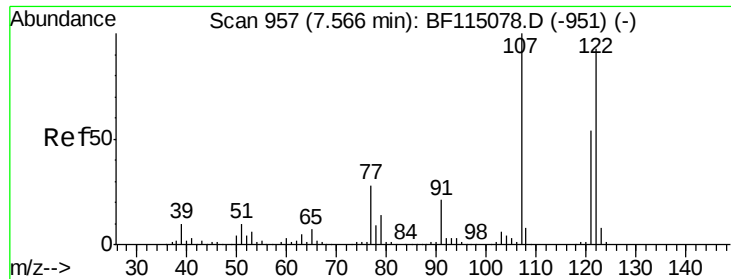
109 26.1 20.4 30.6

65 44.4 33.6 50.4



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 50.758 ng

RT: 7.56 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

Instrument :

BNA_F

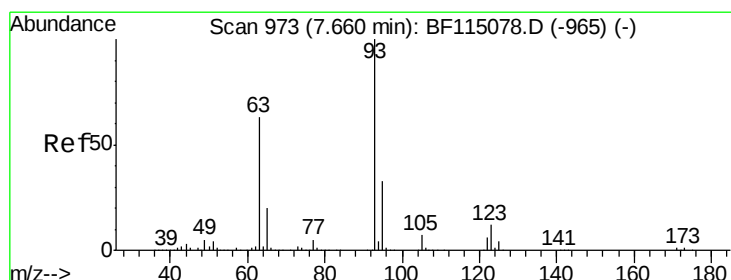
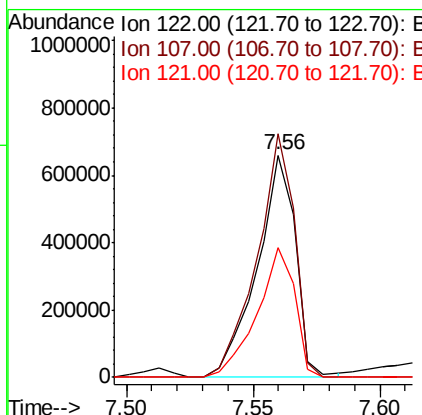
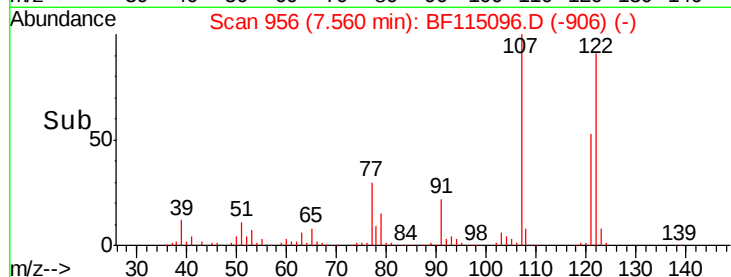
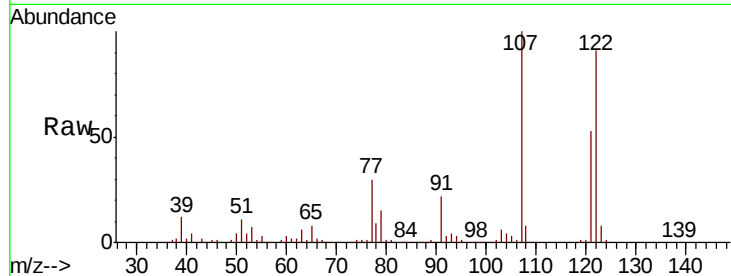
ClientSampleID :

PB120612BS

Tot Ion:	122	Resp:	699457
Ion Ratio	Lower	Upper	
122	100		
107	109.5	85.8	128.6
121	58.3	46.3	69.5

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#28

bis(2-Chloroethoxy)methane

Concen: 43.765 ng

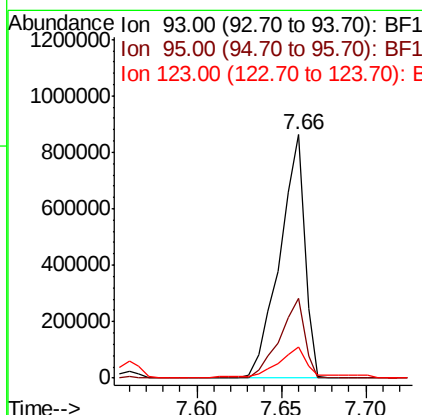
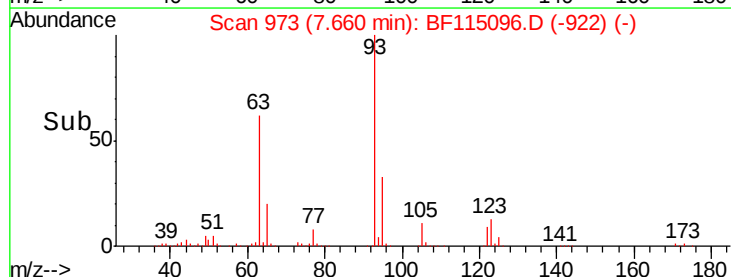
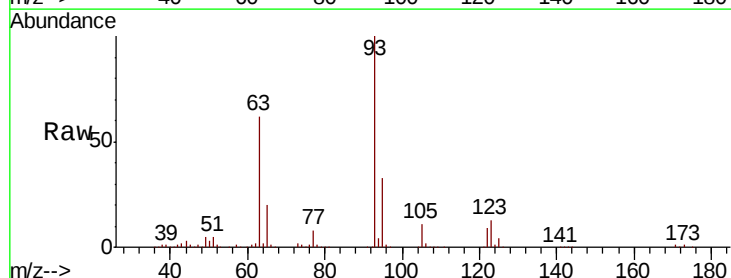
RT: 7.66 min Scan# 973

Delta R.T. -0.00 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

Tgt Ion:	93	Resp:	876603
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.2	39.4
123	12.9	9.7	14.5





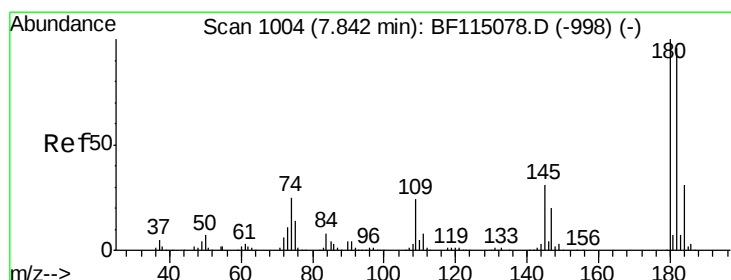
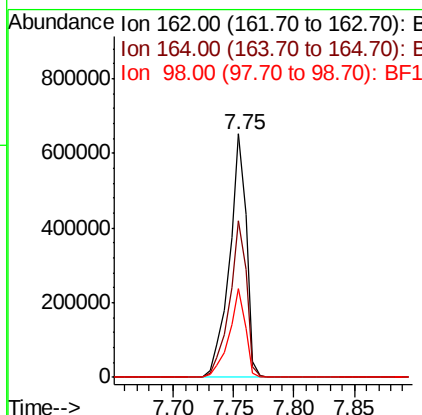
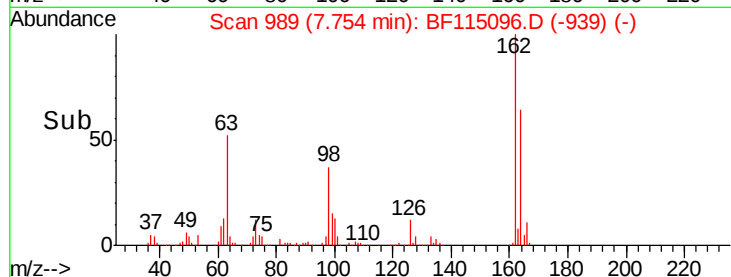
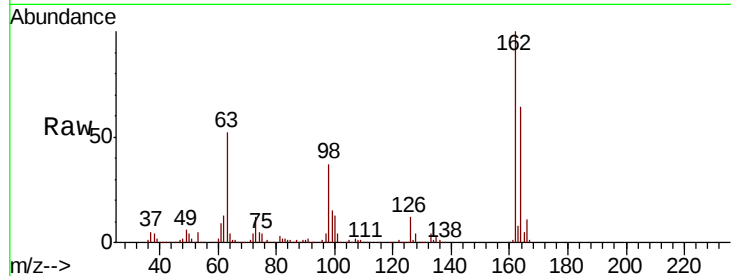
#29
2,4-Dichlorophenol
Concen: 44.917 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Instrument :
BNA_F
ClientSampleId :
PB120612BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	638760		
164	64.3	45.3	85.3	
98	36.6	12.5	52.5	

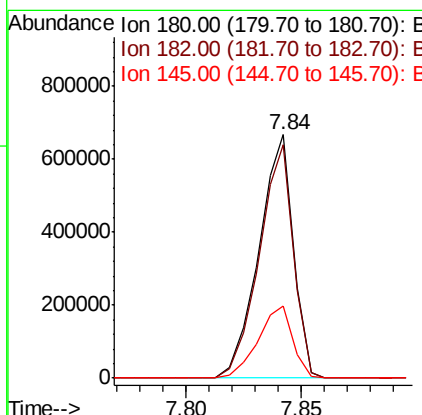
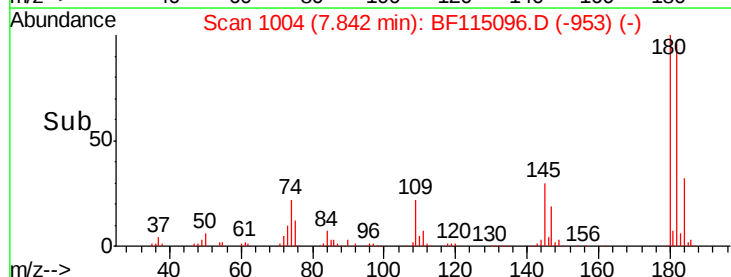
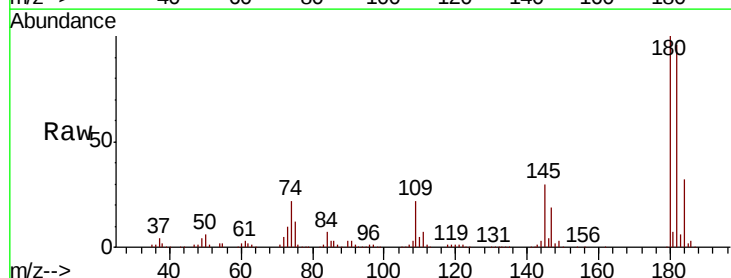
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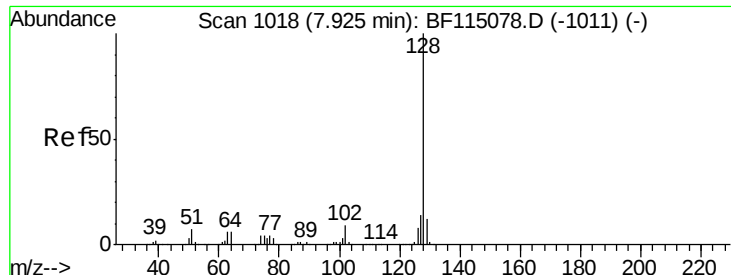
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#30
1,2,4-Trichlorobenzene
Concen: 43.988 ng
RT: 7.84 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	690977		
182	96.1	76.4	114.6	
145	29.6	24.8	37.2	





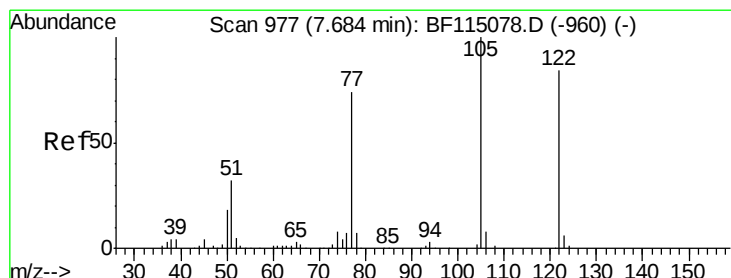
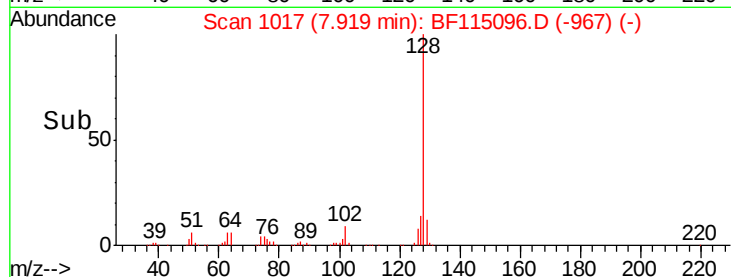
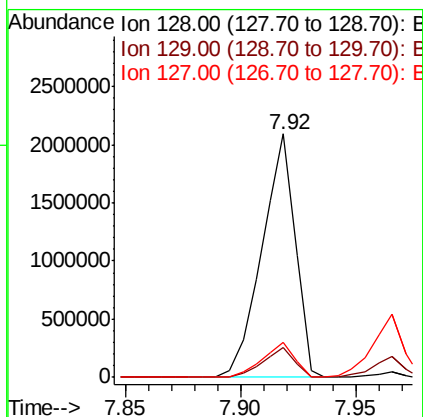
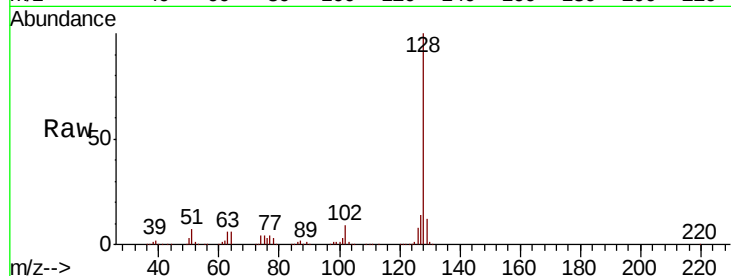
#31
Naphthalene
Concen: 45.003 ng
RT: 7.92 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Instrument :
BNA_F
ClientSampleId :
PB120612BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.6	14.4
127	14.1	11.4	17.0

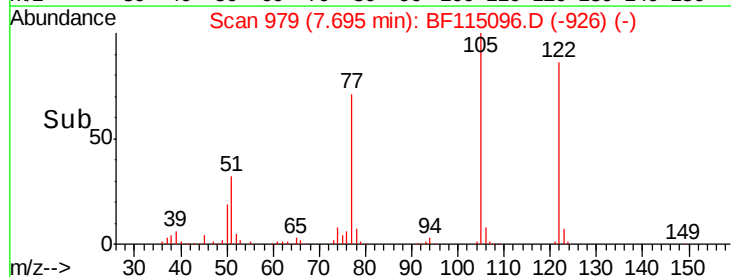
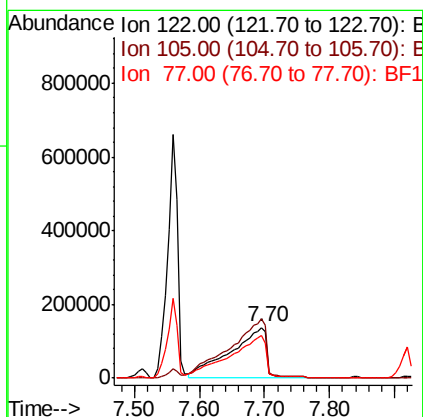
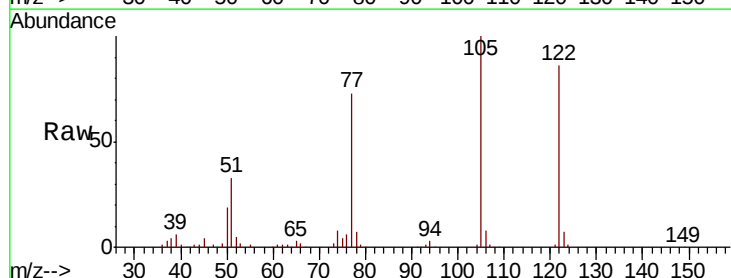
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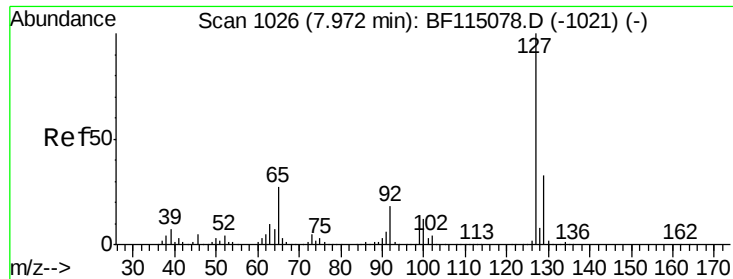
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#32
Benzoic acid
Concen: 53.652 ng
RT: 7.70 min Scan# 979
Delta R.T. 0.01 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.0	98.2	138.2
77	84.5	67.0	107.0





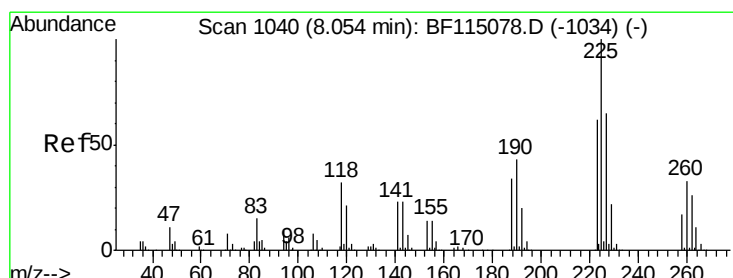
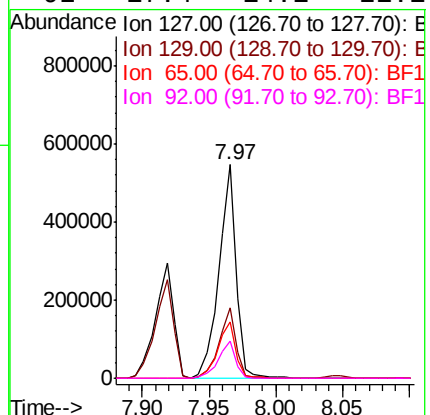
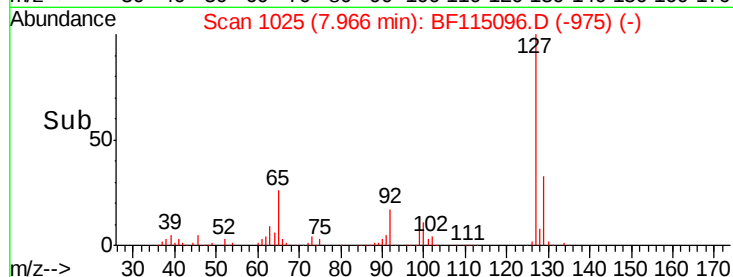
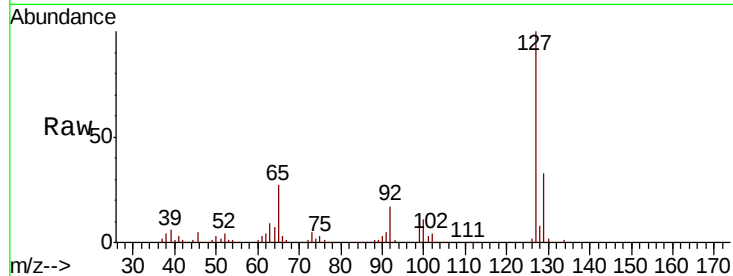
#33
4-Chloroaniline
Concen: 23.414 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Instrument :
BNA_F
ClientSampleId :
PB120612BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		499863		
129	32.7	26.1	39.1		
65	26.6	21.4	32.2		
92	17.4	14.1	21.1		

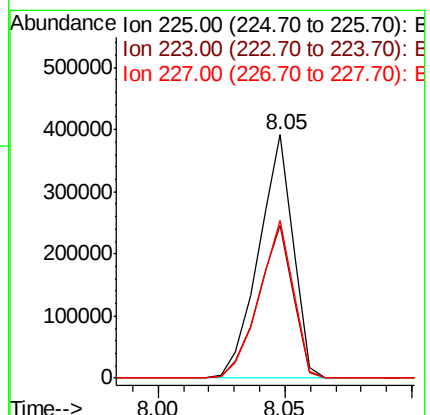
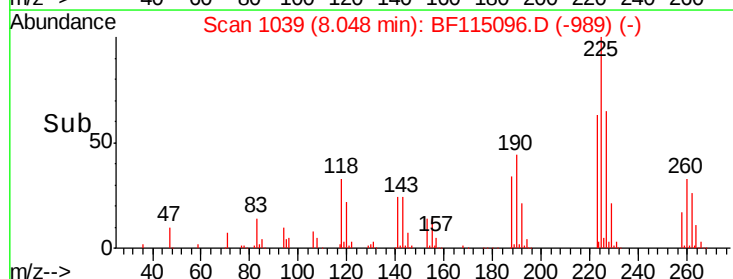
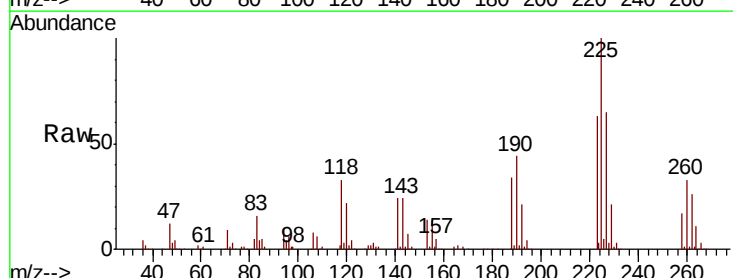
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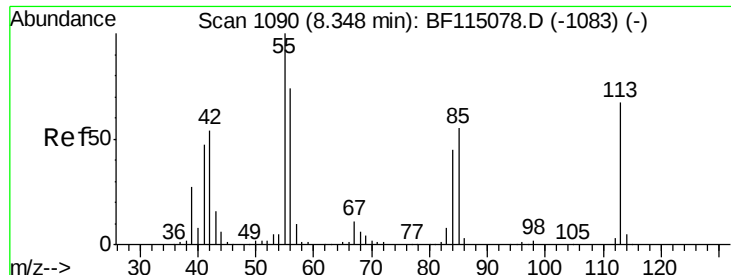
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#34
Hexachlorobutadiene
Concen: 43.029 ng
RT: 8.05 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		370406		
223	62.5	49.4	74.2		
227	64.6	51.8	77.8		





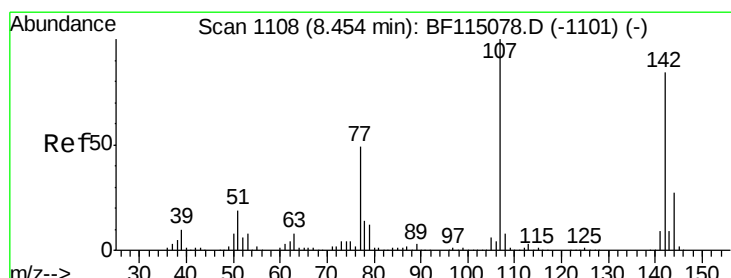
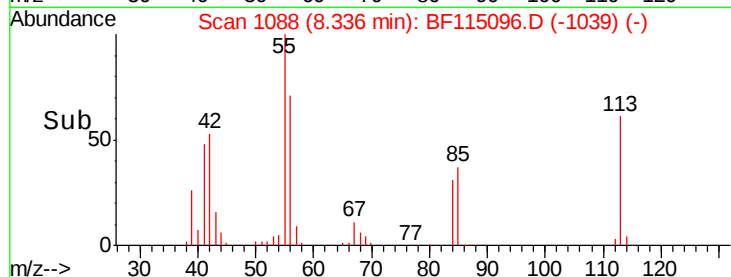
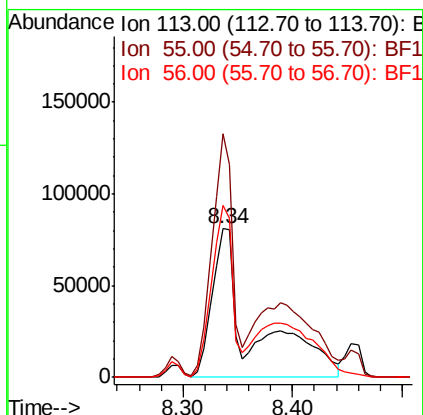
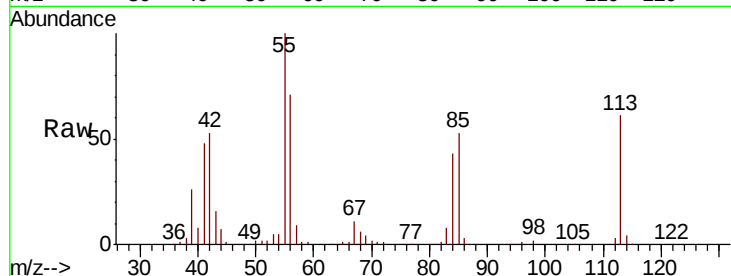
#35
Caprolactam
Concen: 43.617 ng/ml
RT: 8.34 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Instrument :
BNA_F
ClientSampleId :
PB120612BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	163.9	130.2	170.2
56	115.8	91.6	131.6

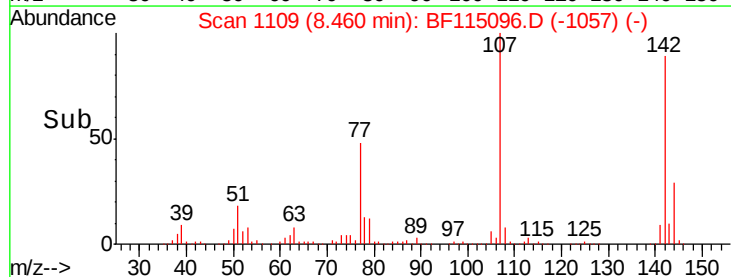
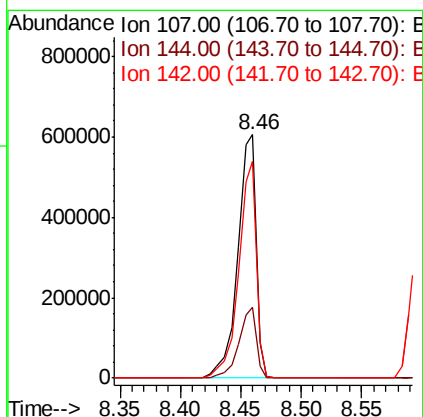
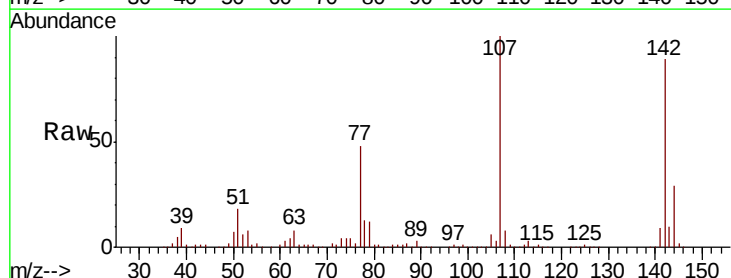
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#36
4-Chloro-3-methylphenol
Concen: 44.911 ng/ml
RT: 8.46 min Scan# 1109
Delta R.T. 0.01 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Tgt Ion	Ratio	Lower	Upper
107	100		
144	29.2	21.7	32.5
142	89.2	67.0	100.4





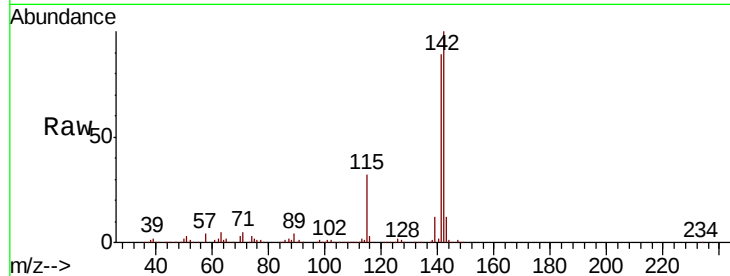
#37
2-Methylnaphthalene
Concen: 45.693 ng
RT: 8.61 min Scan# 1135
Delta R.T. -0.00 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Instrument :
BNA_F
ClientSampleId :
PB120612BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	69.8	104.6
115	32.4	26.7	40.1

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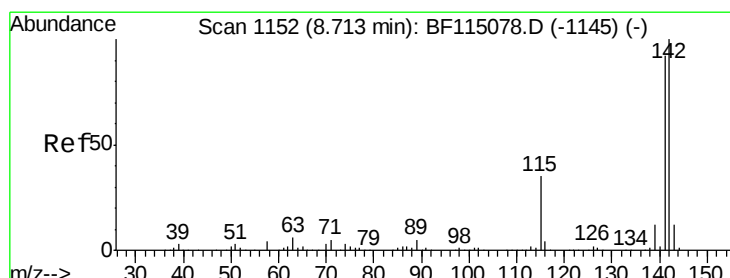
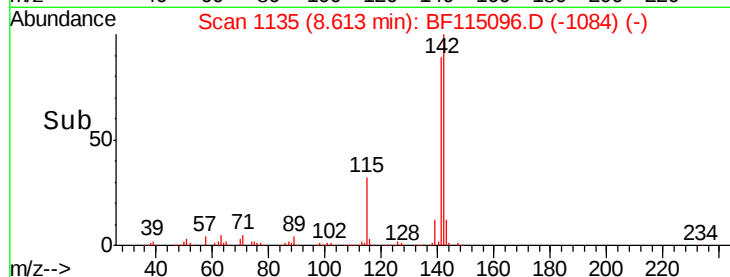
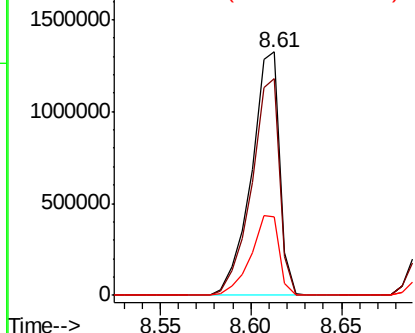


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 45.898 ng
RT: 8.71 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

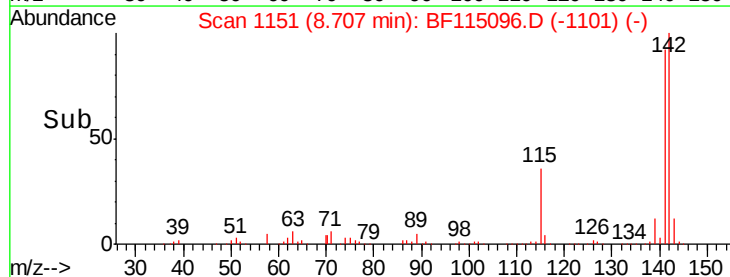
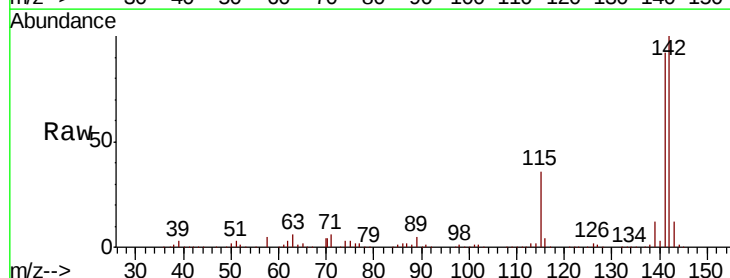
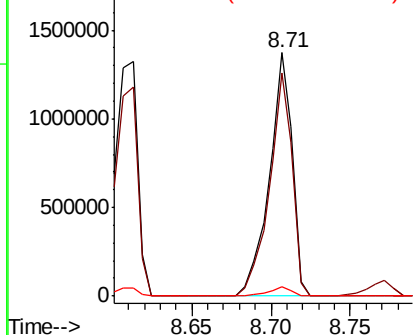
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.8	110.8
116	3.7	2.8	4.2

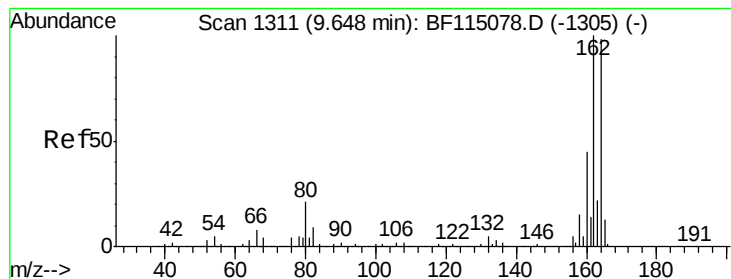
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.65 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

Instrument :

BNA_F

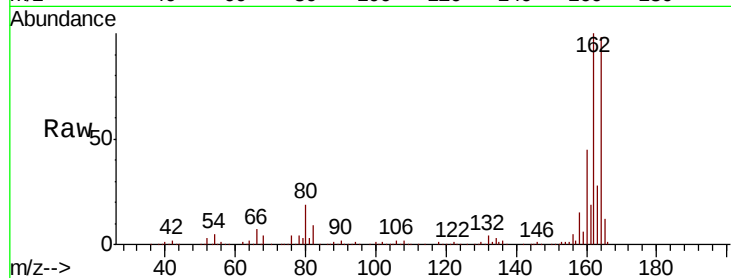
ClientSampleId :

PB120612BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.7	122.5
160	45.9	37.0	55.4

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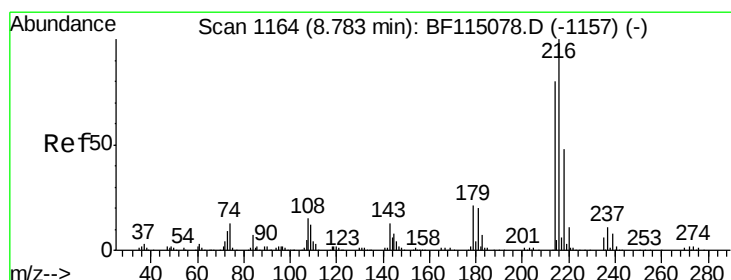
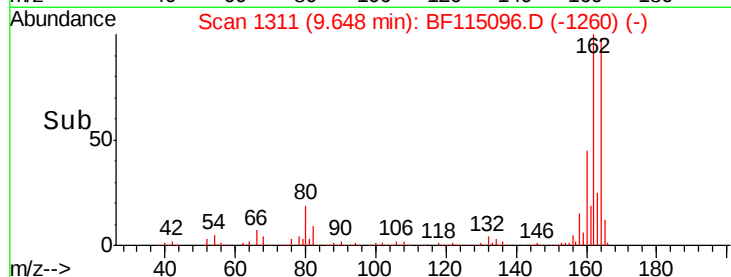
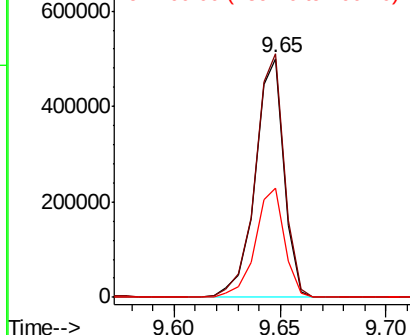


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.063 ng

RT: 8.78 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.8	95.6
179	22.2	17.6	26.4
108	21.7	15.7	23.5

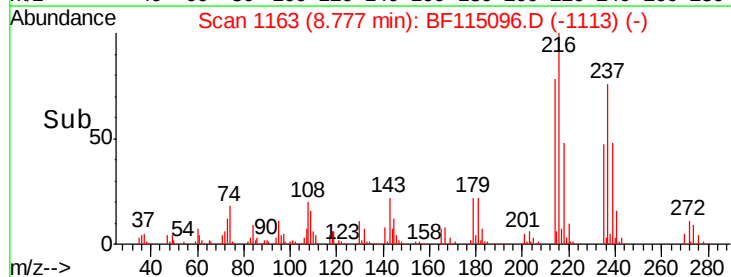
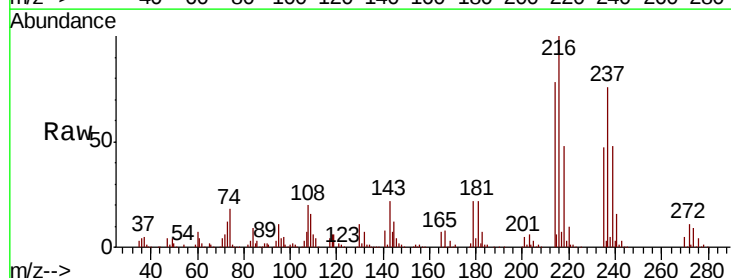
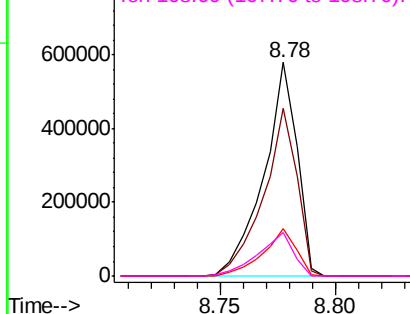
Abundance

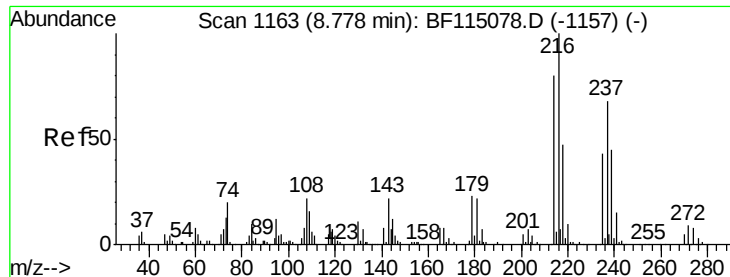
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 91.759 ng

RT: 8.77 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

Instrument :

BNA_F

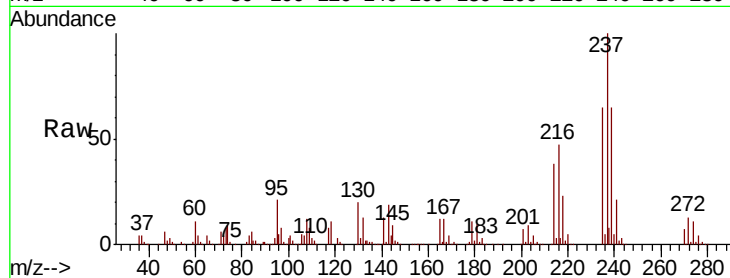
ClientSampleId :

PB120612BS

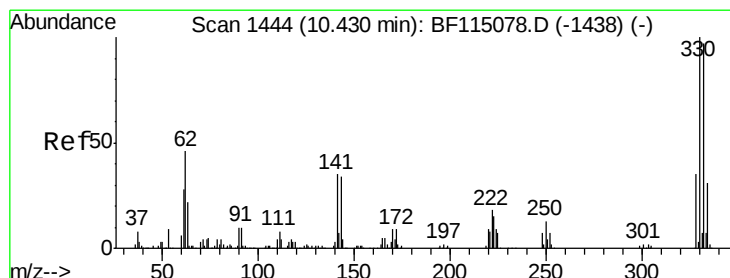
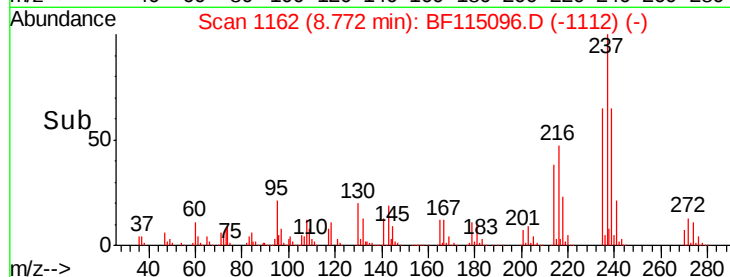
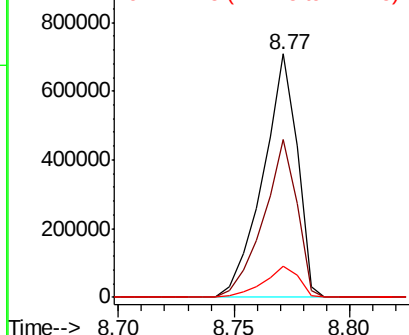
Tot Ion:	237	Resp:	730366
Ion Ratio	Lower	Upper	
237	100		
235	64.7	43.9	83.9
272	13.0	0.0	33.8

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



#42

2,4,6-Tribromophenol

Concen: 121.806 ng

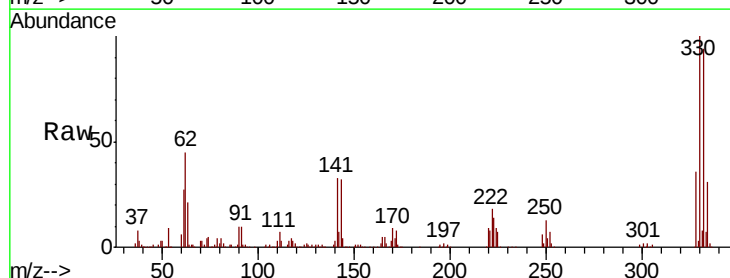
RT: 10.43 min Scan# 1444

Delta R.T. -0.00 min

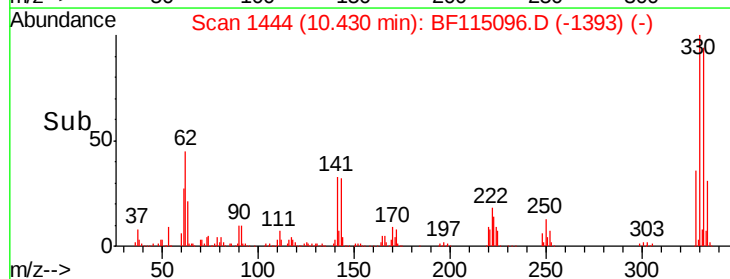
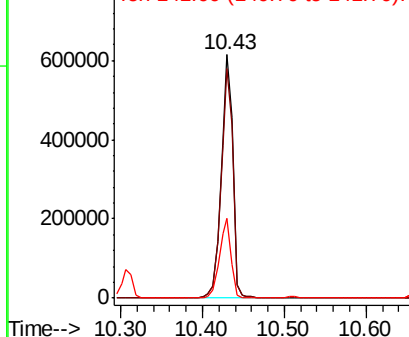
Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

Tgt Ion:	330	Resp:	610165
Ion Ratio	Lower	Upper	
330	100		
332	95.6	77.3	115.9
141	32.9	28.2	42.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





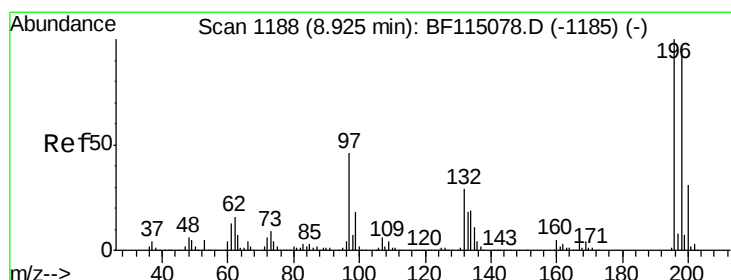
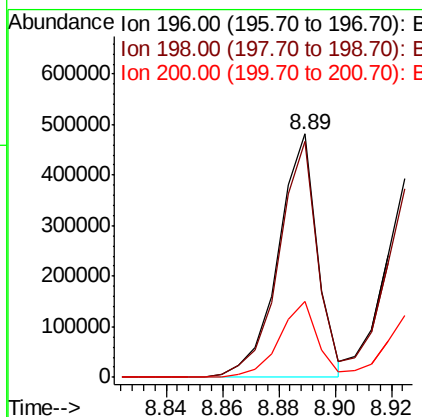
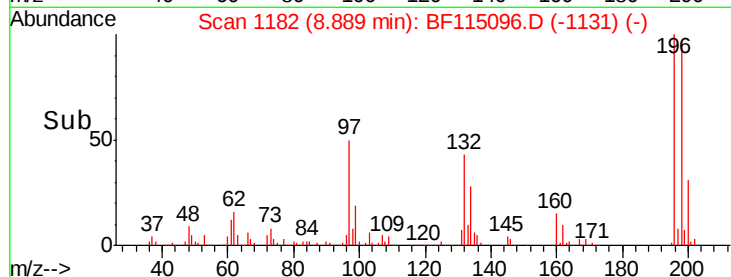
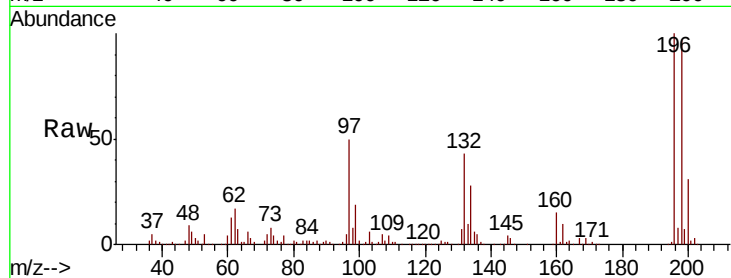
#43
 2,4,6-Trichlorophenol
 Concen: 44.670 ng
 RT: 8.89 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF115096.D
 Acq: 21 Jun 2019 23:37

Instrument :
 BNA_F
 ClientSampleId :
 PB120612BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	462930		
198	96.7	76.3	114.5	
200	31.1	24.2	36.4	

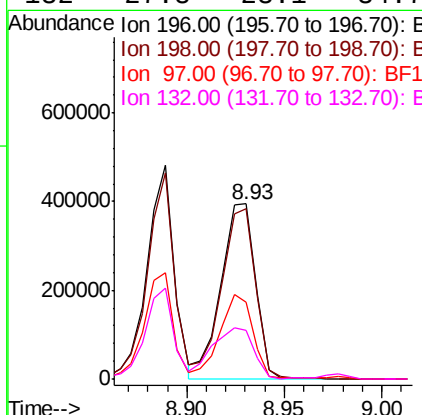
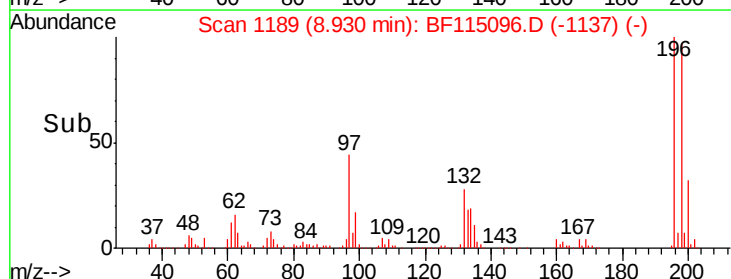
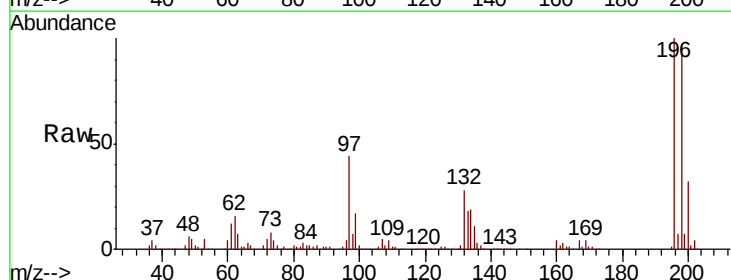
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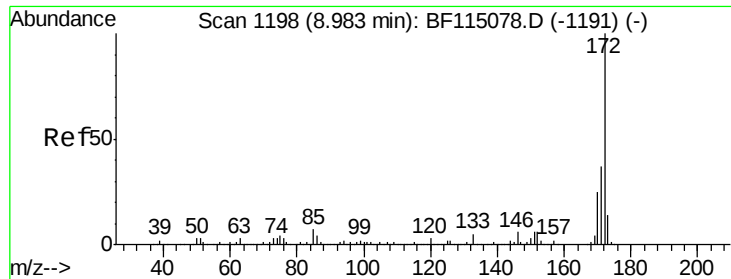
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 45.489 ng
 RT: 8.93 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF115096.D
 Acq: 21 Jun 2019 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	485469		
198	97.2	77.1	115.7	
97	43.9	37.7	56.5	
132	27.8	23.1	34.7	





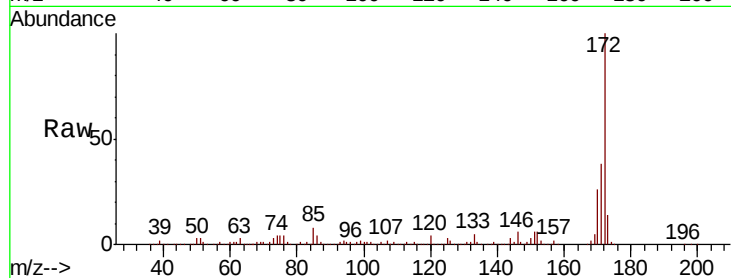
#45
2-Fluorobiphenyl
Concen: 88.132 ng
RT: 8.98 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Instrument :
BNA_F
ClientSampleId :
PB120612BS

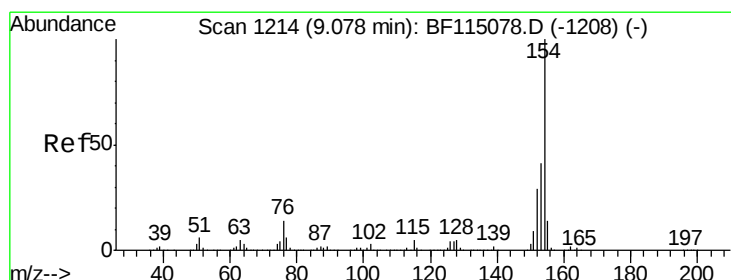
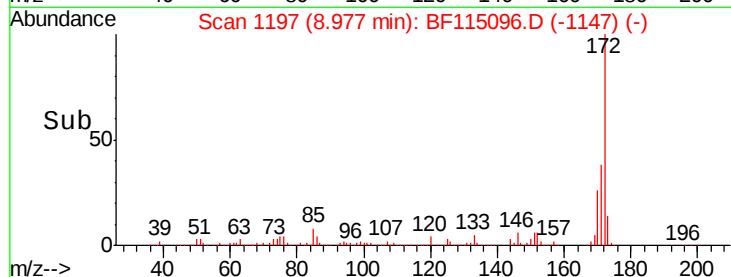
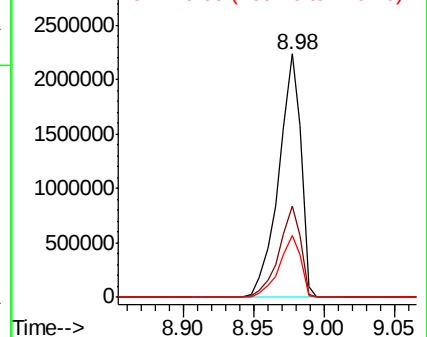
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.8	44.6
170	25.7	20.3	30.5

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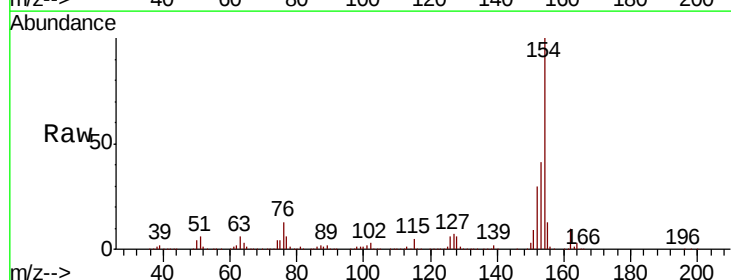


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

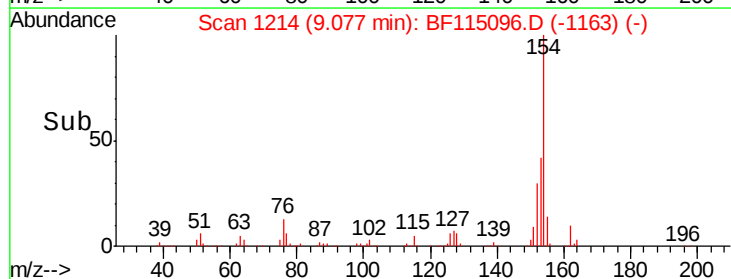
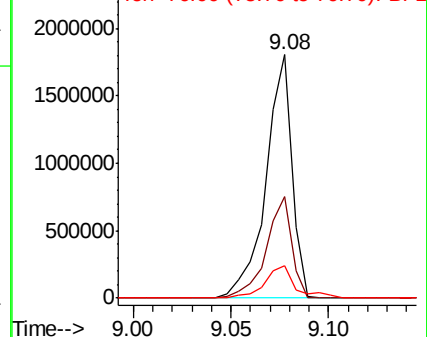


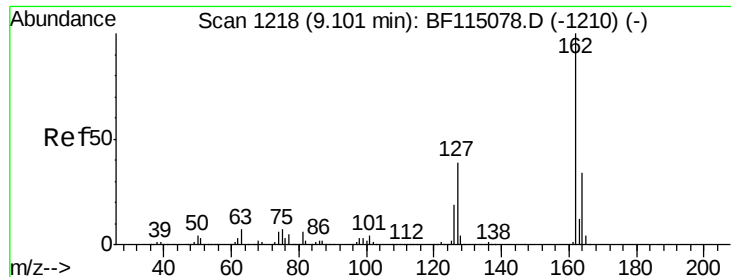
#46
1,1'-Biphenyl
Concen: 43.869 ng
RT: 9.08 min Scan# 1214
Delta R.T. -0.00 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	20.9	60.9
76	13.3	0.0	34.1



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





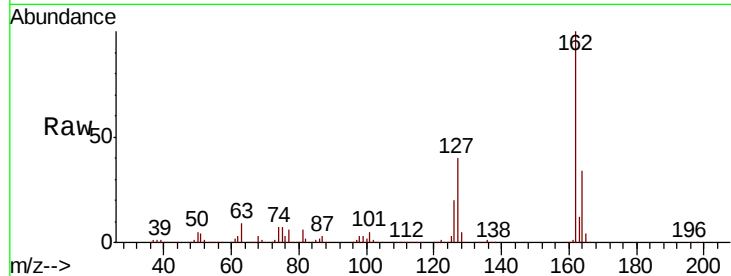
#47
2-Chloronaphthalene
Concen: 43.732 ng
RT: 9.10 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Instrument :
BNA_F
ClientSampleId :
PB120612BS

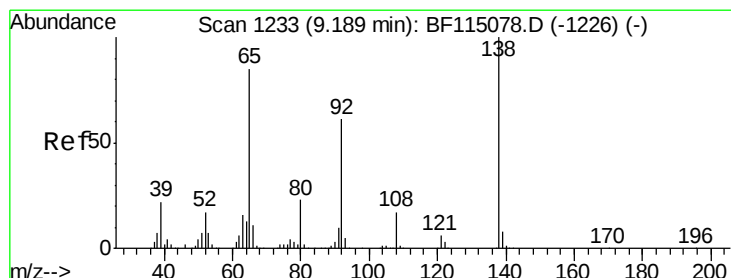
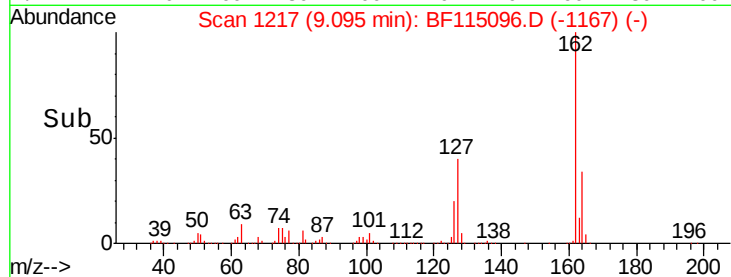
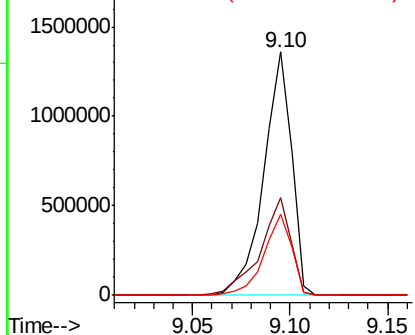
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.4	30.8	46.2
164	33.5	27.0	40.4

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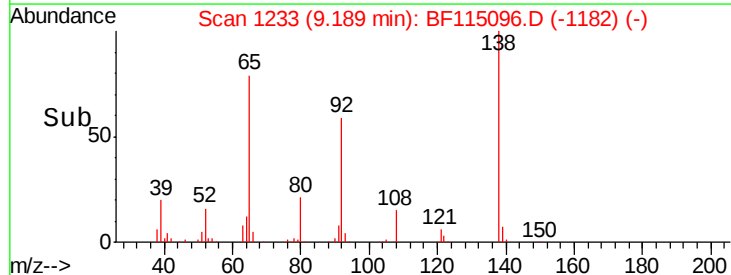
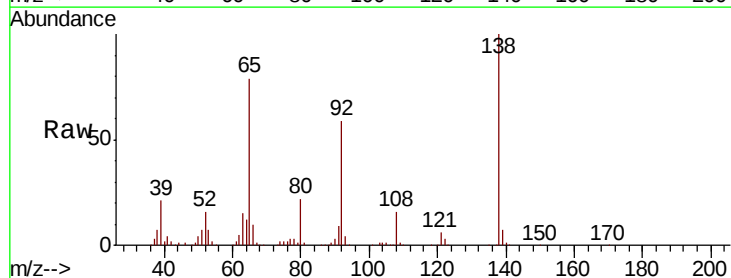
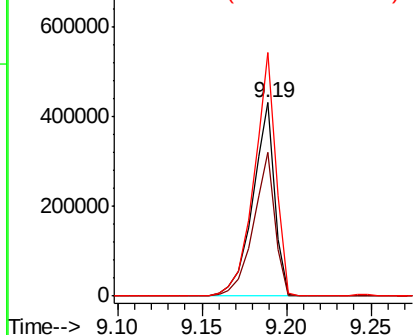
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

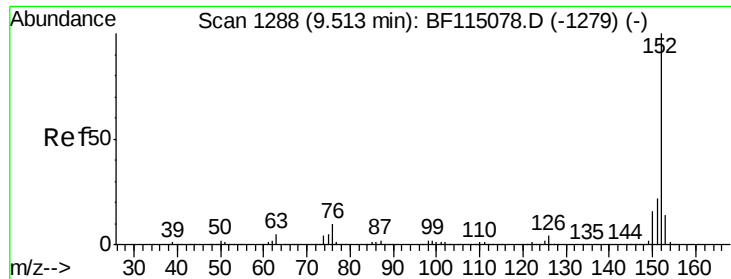


#48
2-Nitroaniline
Concen: 43.559 ng
RT: 9.19 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.0	57.4	86.2
138	125.9	94.1	141.1

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





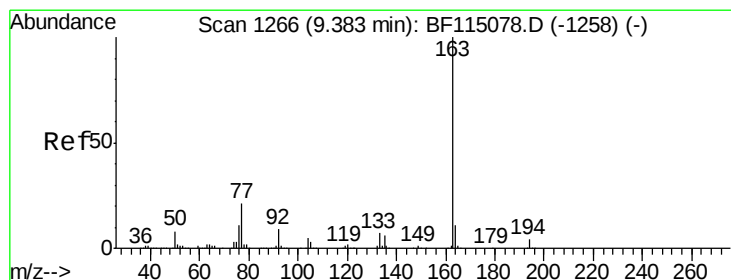
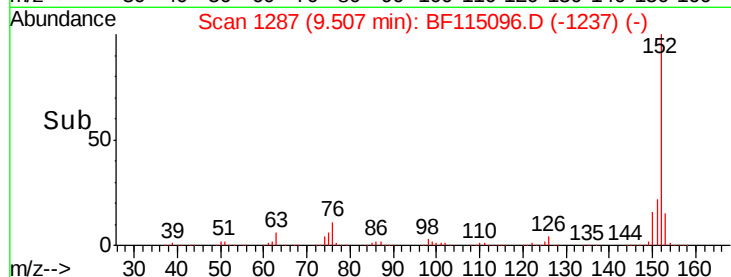
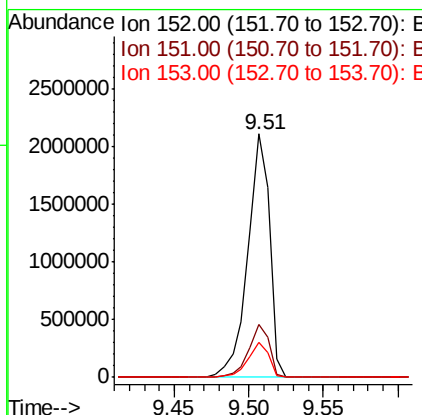
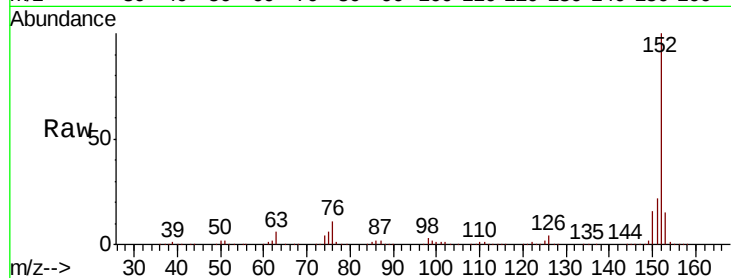
#49
Acenaphthylene
Concen: 44.022 ng
RT: 9.51 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Instrument :
BNA_F
ClientSampleId :
PB120612BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.2	25.8
153	14.5	11.0	16.6

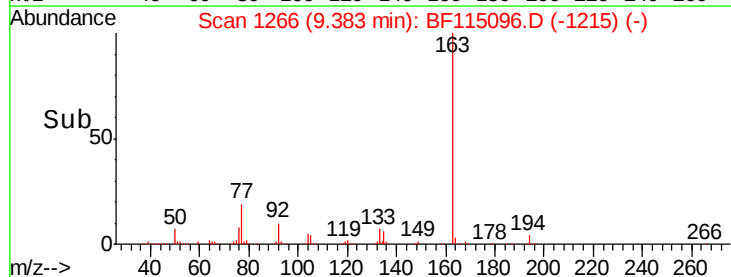
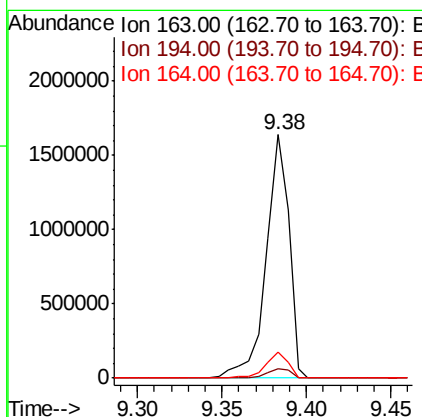
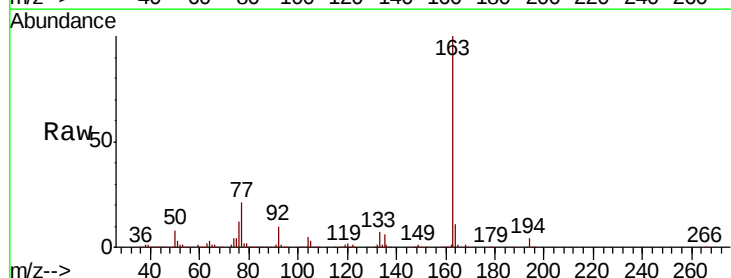
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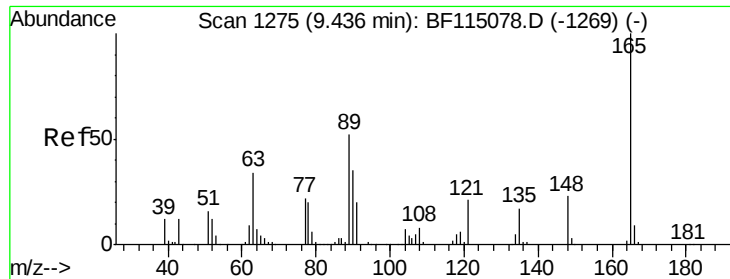
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#50
Dimethylphthalate
Concen: 43.986 ng
RT: 9.38 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.8	8.6	13.0





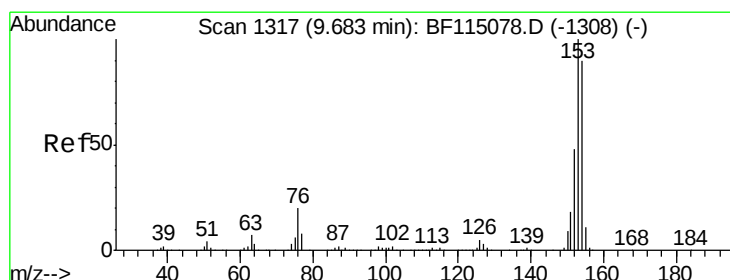
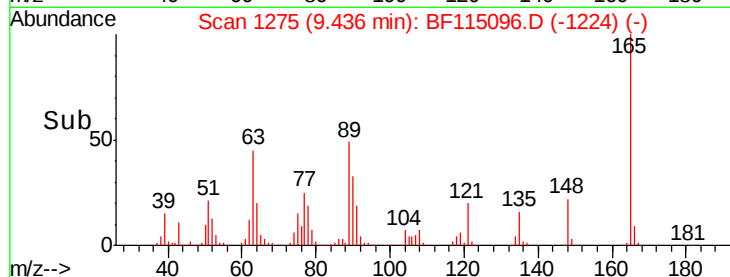
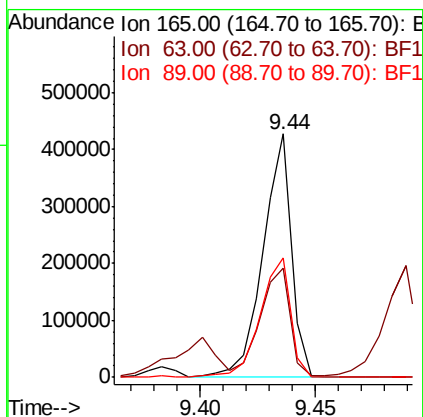
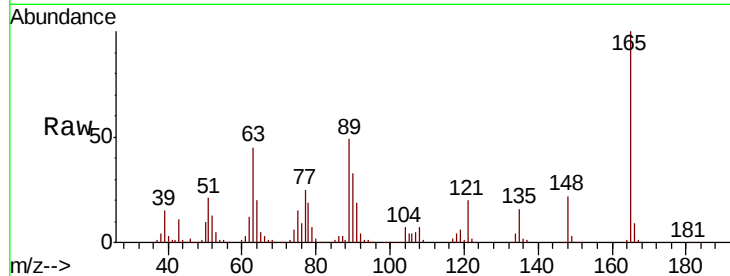
#51
2,6-Dinitrotoluene
Concen: 45.595 ng
RT: 9.44 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Instrument :
BNA_F
ClientSampleId :
PB120612BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	367887		
63	44.9	39.4	59.2	
89	49.0	42.0	63.0	

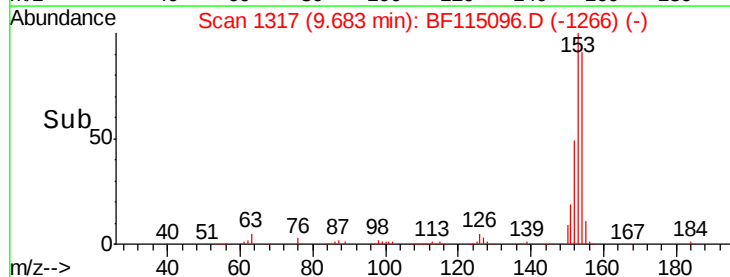
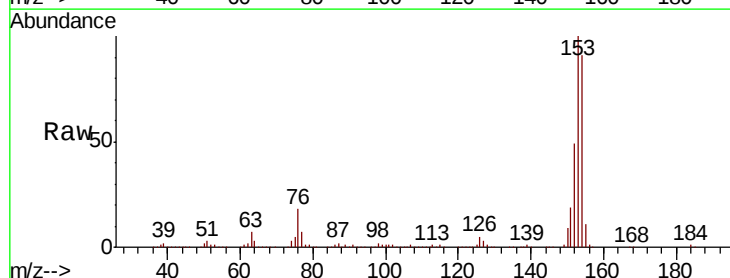
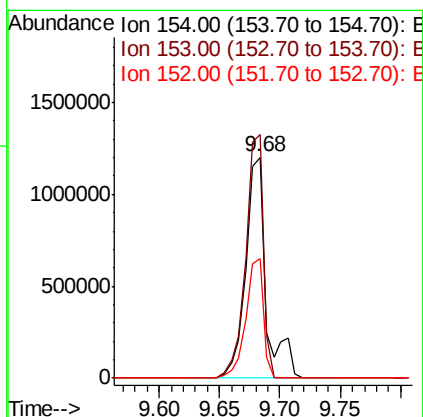
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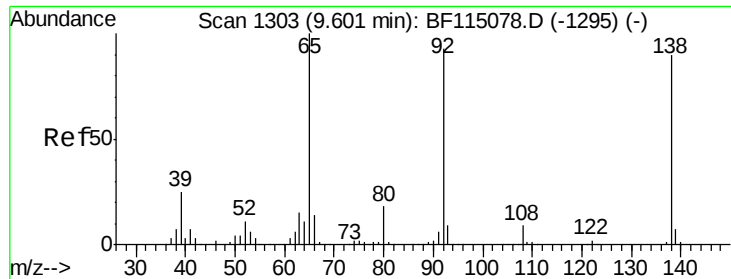
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#52
Acenaphthene
Concen: 47.947 ng
RT: 9.68 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1441185		
153	110.3	88.7	133.1	
152	54.2	42.6	64.0	





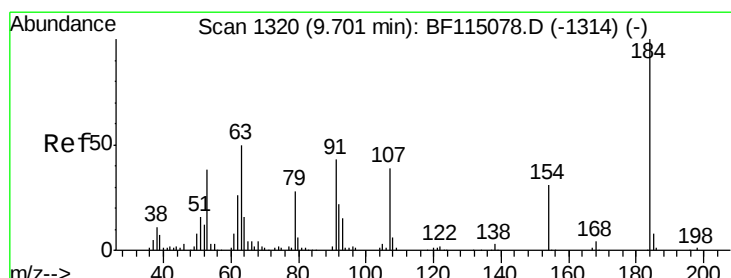
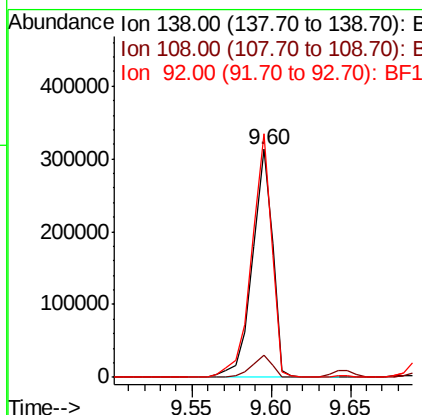
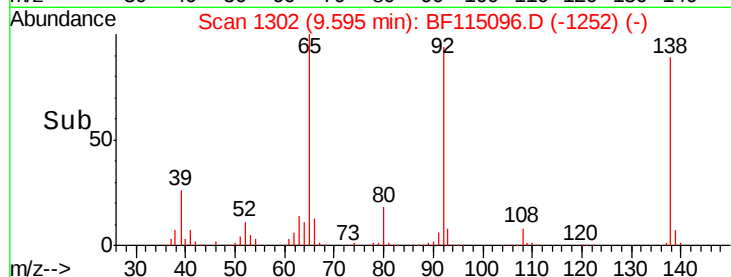
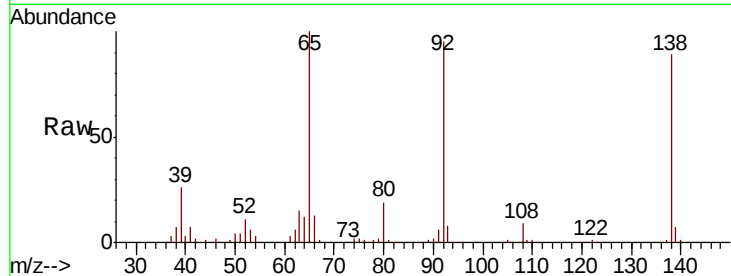
#53
3-Nitroaniline
Concen: 27.950 ng
RT: 9.60 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Instrument :
BNA_F
ClientSampleId :
PB120612BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	7.8	11.6
92	106.7	82.9	124.3

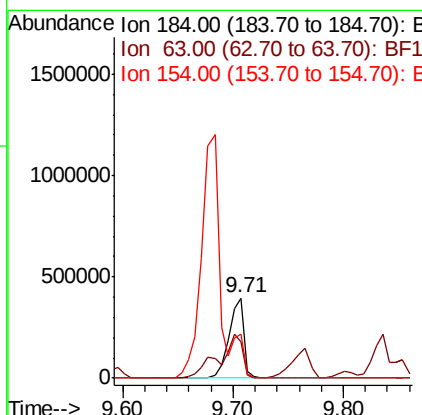
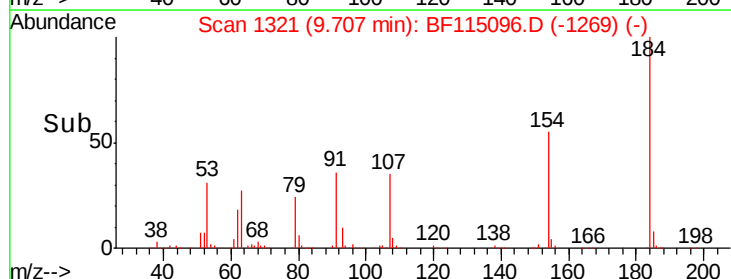
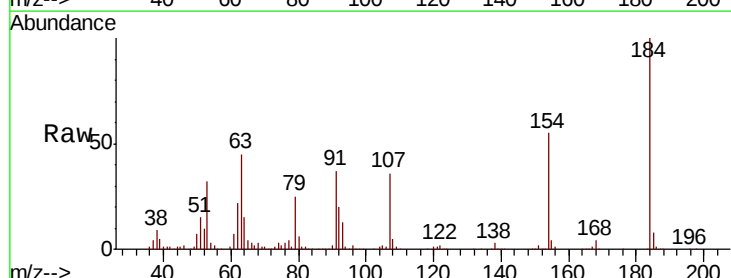
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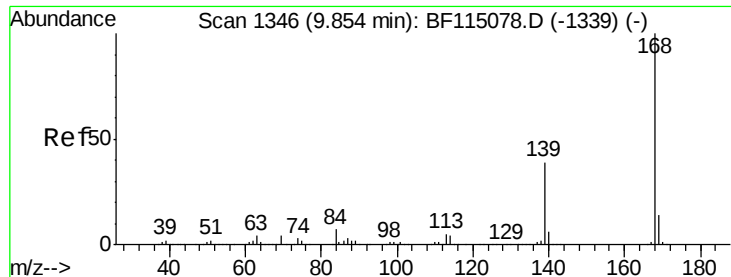
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#54
2,4-Dinitrophenol
Concen: 89.778 ng
RT: 9.71 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Tgt Ion	Ratio	Lower	Upper
184	100		
63	45.0	41.9	62.9
154	55.1	44.7	67.1





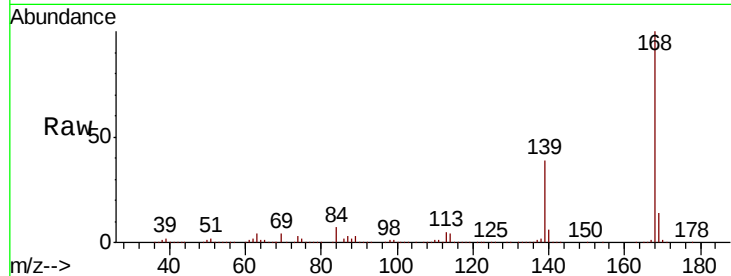
#55
Dibenzofuran
Concen: 42.704 ng
RT: 9.85 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Instrument :
BNA_F
ClientSampleId :
PB120612BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.3	31.1	46.7
169	14.4	11.3	16.9

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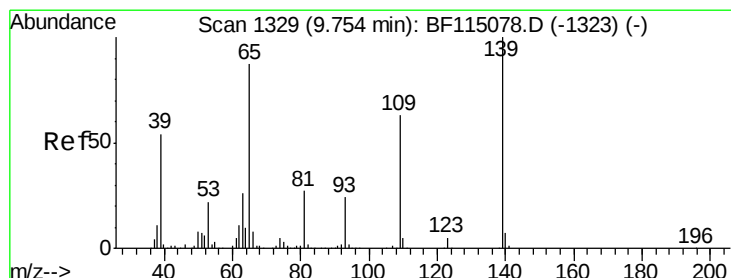
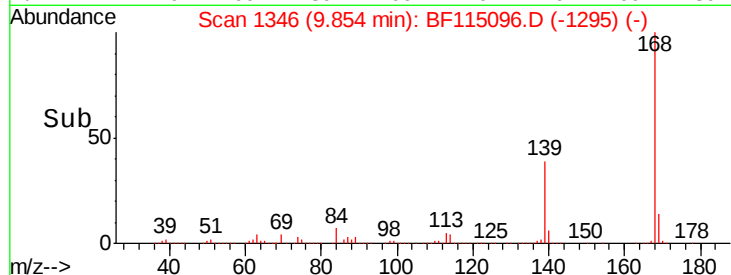
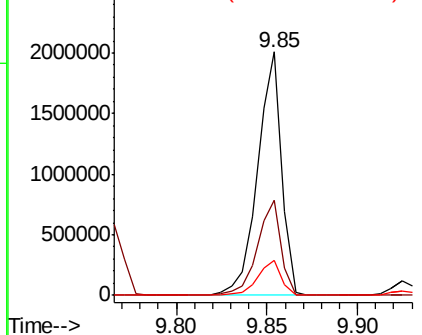


Abundance

Ion 168.00 (167.70 to 168.70): E

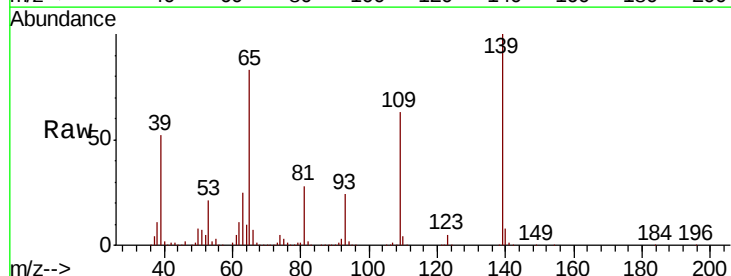
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 85.942 ng
RT: 9.77 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.1	43.0	83.0
65	82.9	67.0	107.0

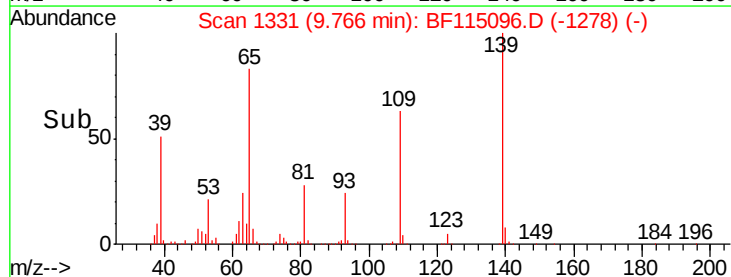
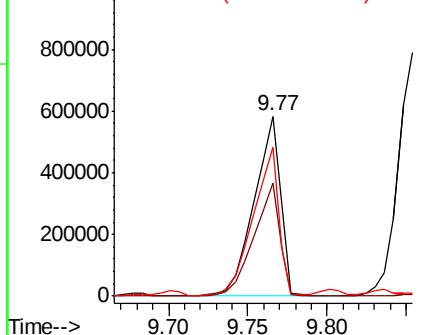


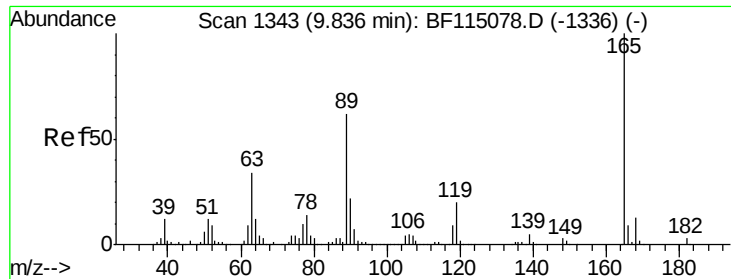
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





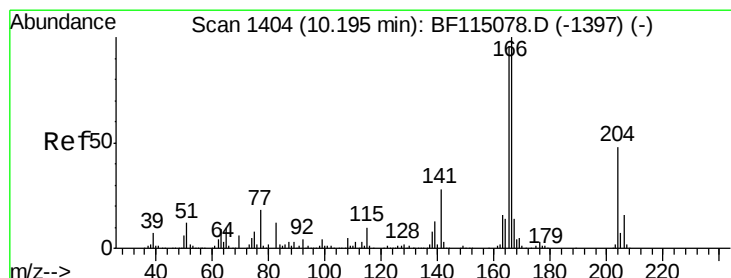
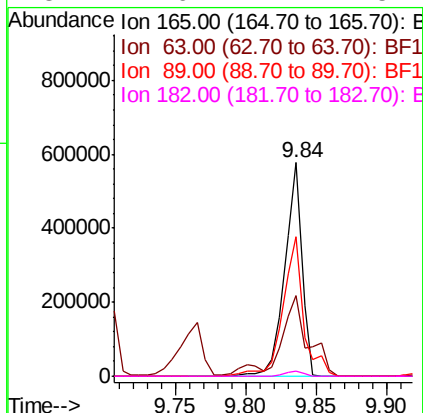
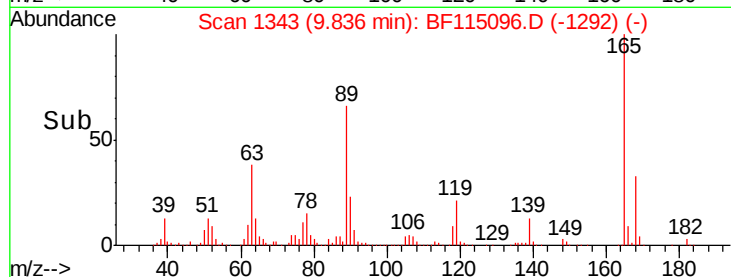
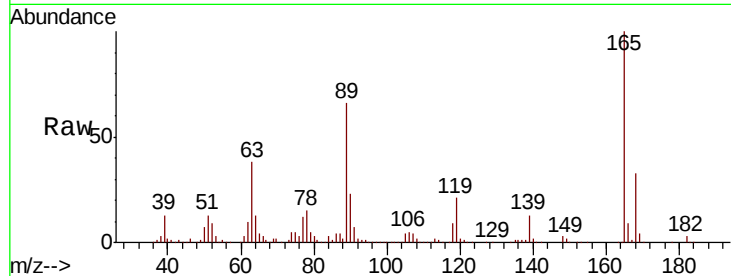
#57
2,4-Dinitrotoluene
Concen: 47.054 ng
RT: 9.84 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Instrument :
BNA_F
ClientSampleId :
PB120612BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		490219		
63	38.0		27.5	41.3	
89	65.5		49.9	74.9	
182	2.6		2.1	3.1	

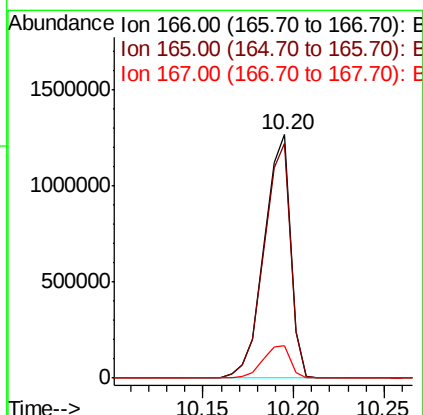
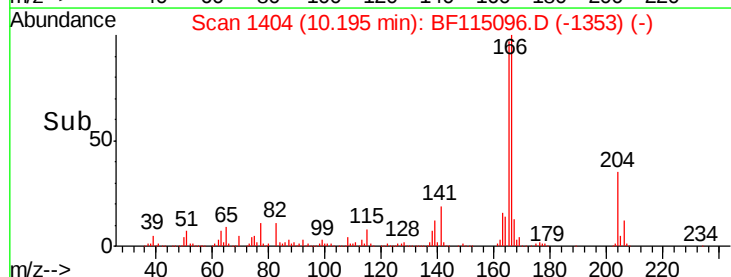
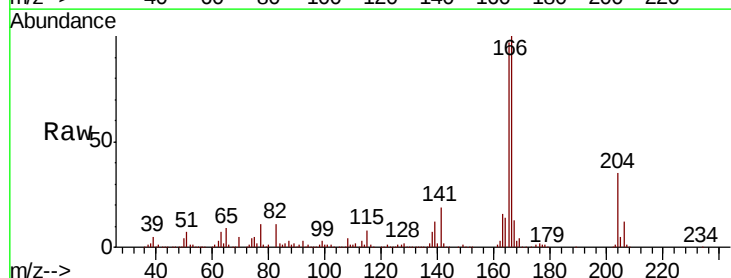
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#58
Fluorene
Concen: 44.523 ng
RT: 10.20 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1280871		
165	96.6		76.5	114.7	
167	13.5		11.0	16.4	





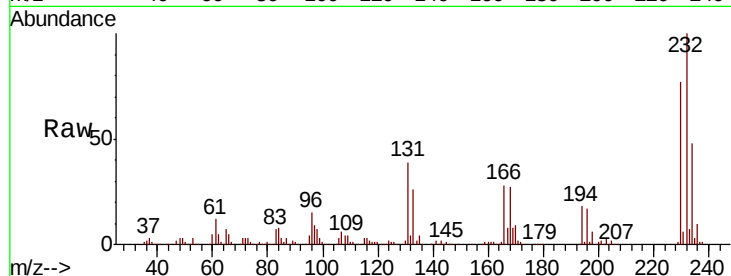
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.809 ng
RT: 9.97 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Instrument :
BNA_F
ClientSampled :
PB120612BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.9	37.4	56.0
130	2.2	1.8	2.6
166	31.3	24.6	36.8

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Abundance

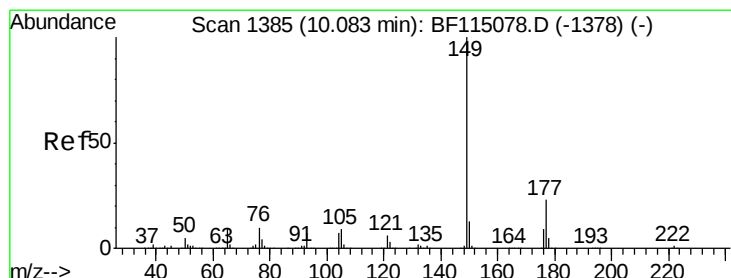
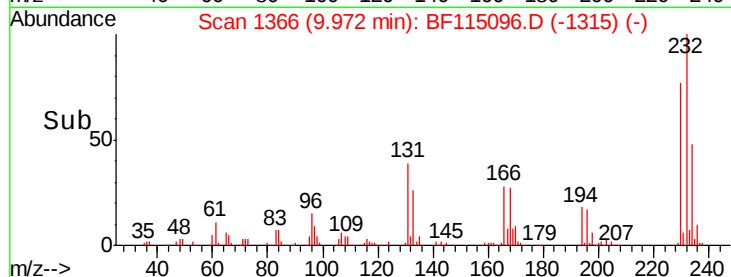
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

Time-->



#60
Diethylphthalate
Concen: 43.937 ng
RT: 10.08 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.7	18.7	28.1
150	13.3	10.4	15.6

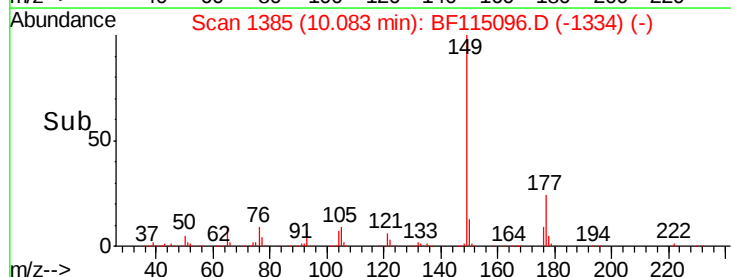
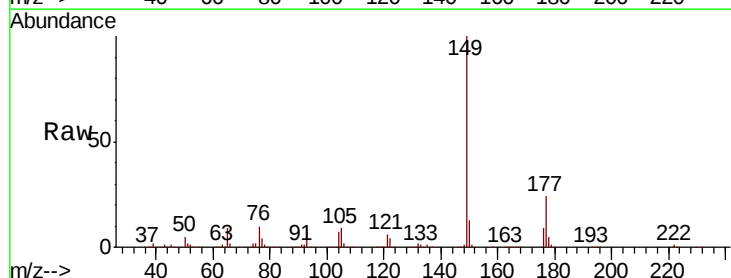
Abundance

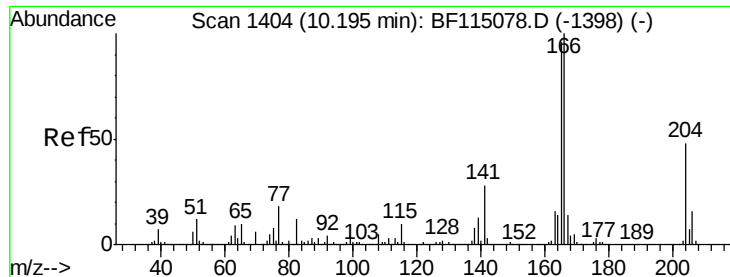
Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

Time-->





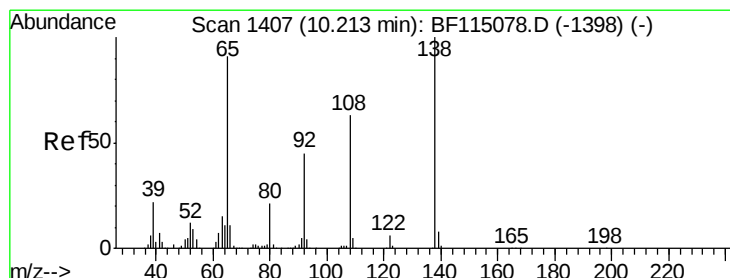
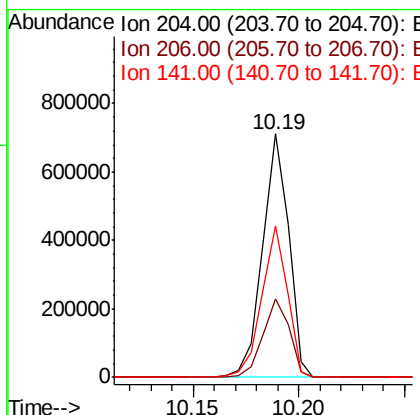
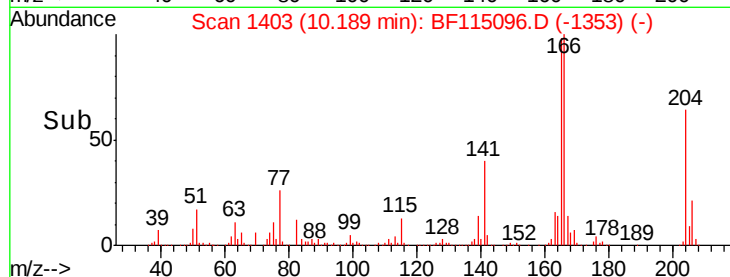
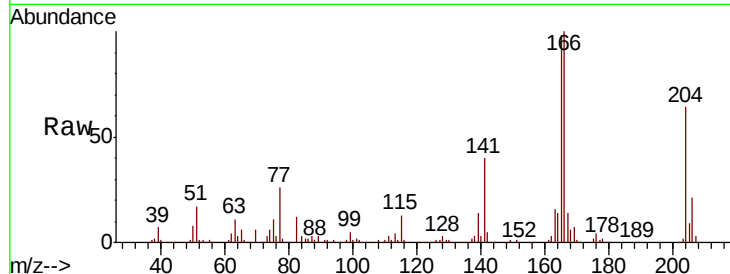
#61
 4-Chlorophenyl-phenylether
 Concen: 45.175 ng
 RT: 10.19 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF115096.D
 Acq: 21 Jun 2019 23:37

Instrument :
 BNA_F
 ClientSampleID :
 PB120612BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.6	40.0
141	62.2	46.7	70.1

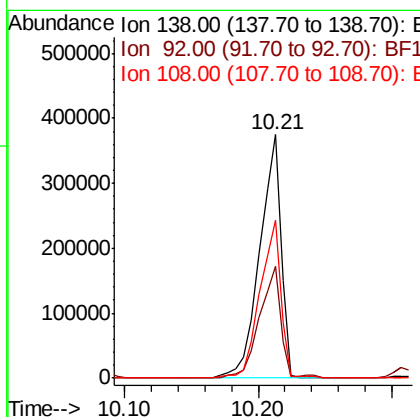
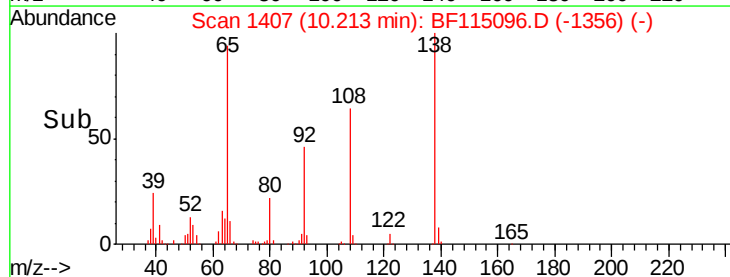
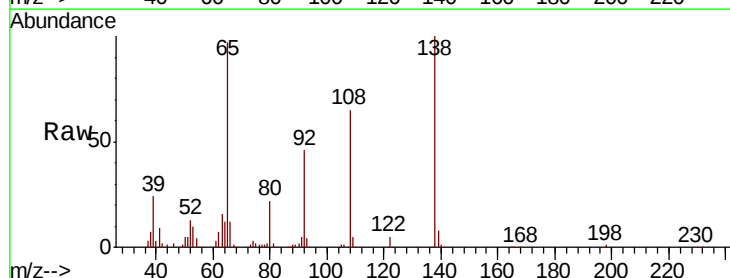
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#62
 4-Nitroaniline
 Concen: 41.729 ng
 RT: 10.21 min Scan# 1407
 Delta R.T. -0.00 min
 Lab File: BF115096.D
 Acq: 21 Jun 2019 23:37

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.0	24.8	64.8
108	64.9	43.3	83.3





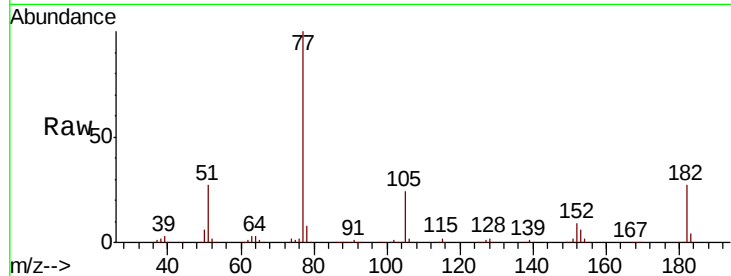
#63
Azobenzene
Concen: 44.407 ng
RT: 10.35 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Instrument :
BNA_F
ClientSampleId :
PB120612BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.1	10.1	50.1	
105	24.0	4.5	44.5	
51	27.5	6.4	46.4	

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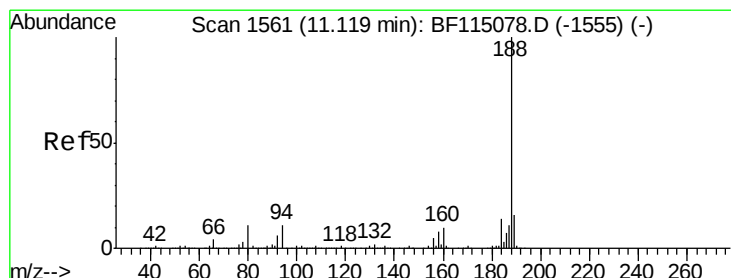
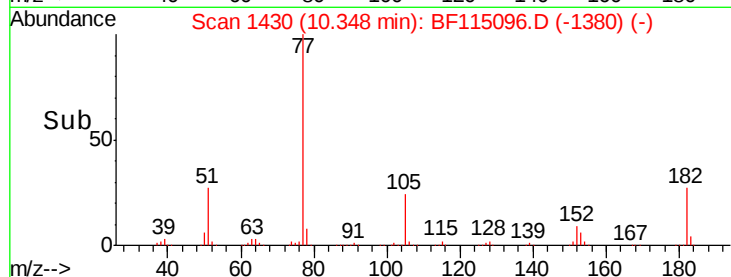
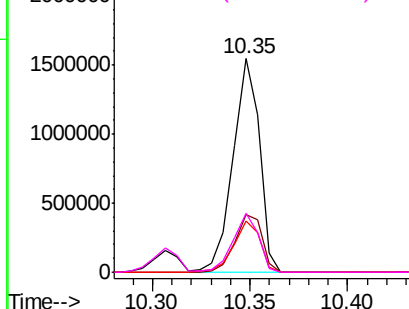
Abundance

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: 11.12 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

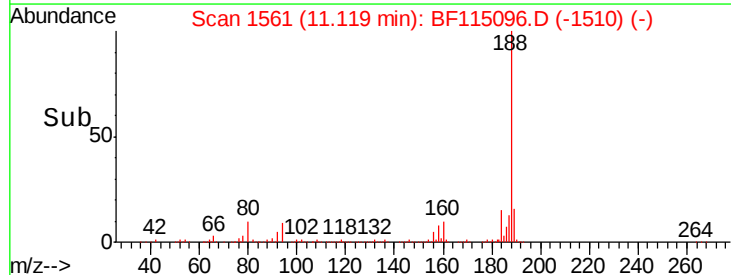
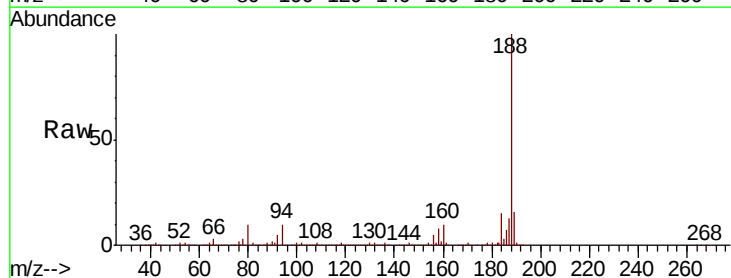
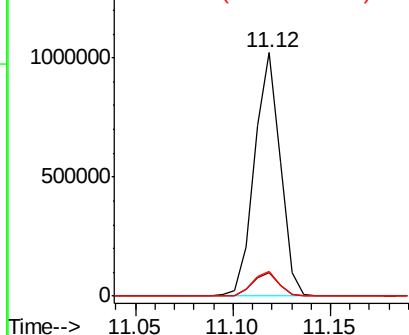
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.6	8.6	12.8	
80	10.3	8.8	13.2	

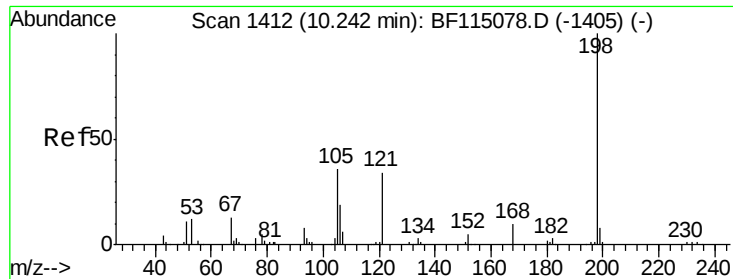
Abundance

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





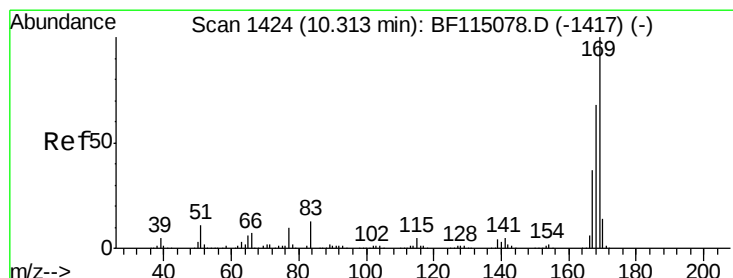
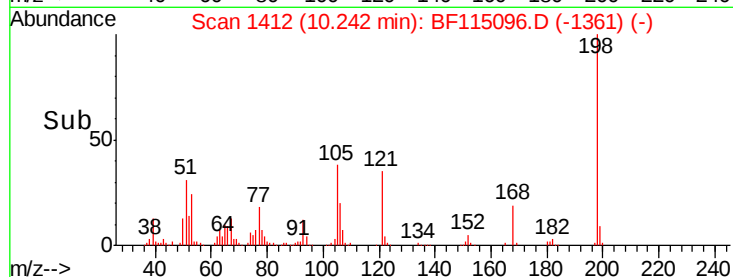
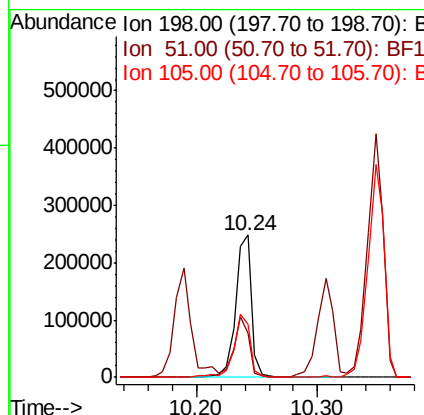
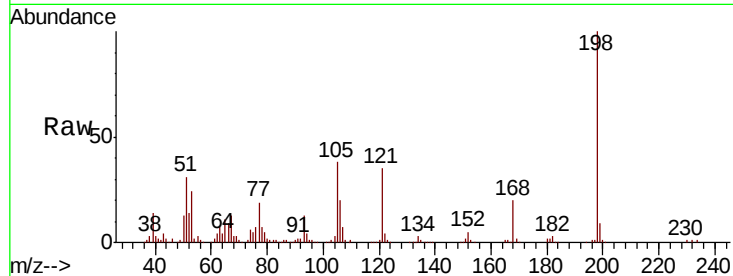
#65
4,6-Dinitro-2-methylphenol
Concen: 45.653 ng
RT: 10.24 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Instrument :
BNA_F
ClientSampleId :
PB120612BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	31.3	11.0	51.0
105	37.6	17.3	57.3

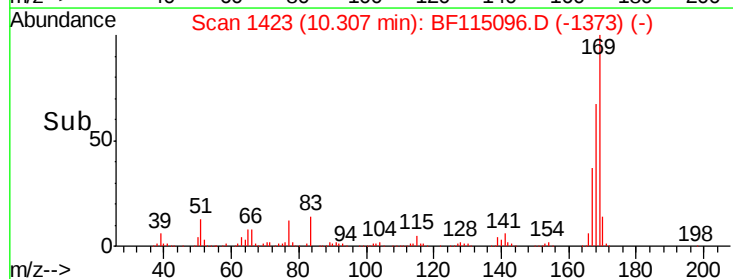
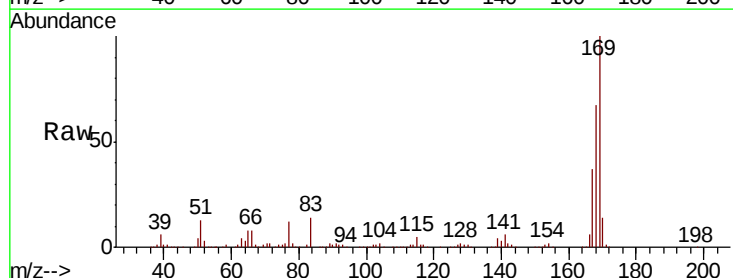
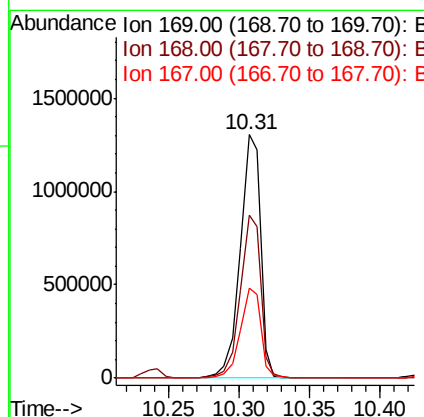
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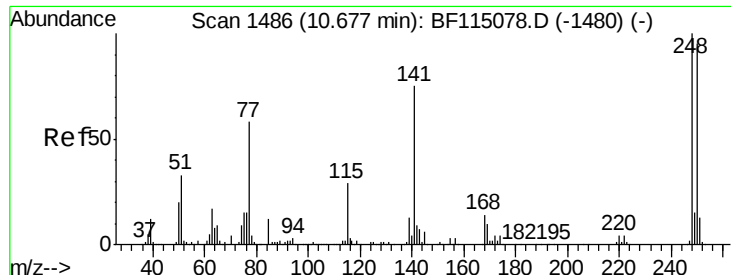
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#66
n-Nitrosodiphenylamine
Concen: 44.947 ng
RT: 10.31 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.9	54.2	81.4
167	37.2	29.4	44.0





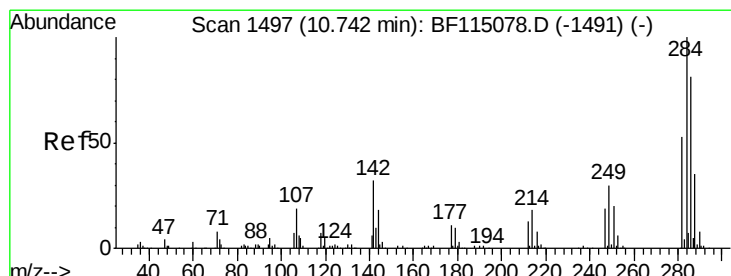
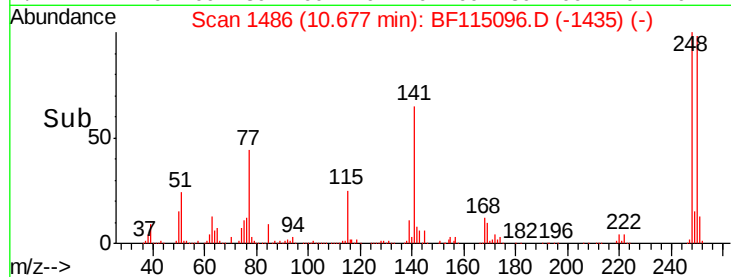
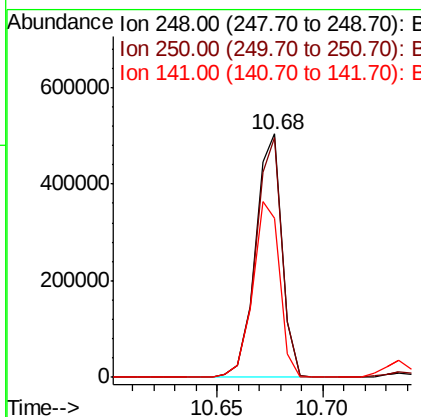
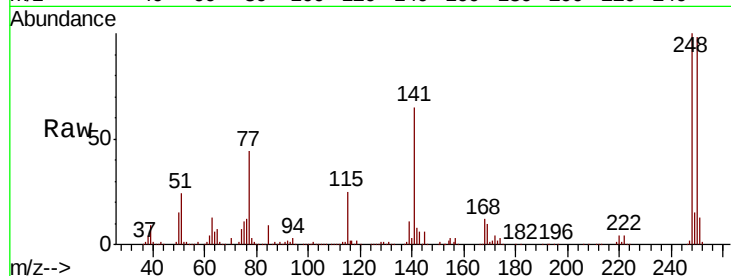
#67
 4-Bromophenyl-phenylether
 Concen: 43.531 ng
 RT: 10.68 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: BF115096.D
 Acq: 21 Jun 2019 23:37

Instrument :
 BNA_F
 ClientSampleId :
 PB120612BS

Tot Ion:	248	Resp:	440221
Ion Ratio	Lower	Upper	
248	100		
250	98.3	76.2	114.2
141	65.1	59.6	89.4

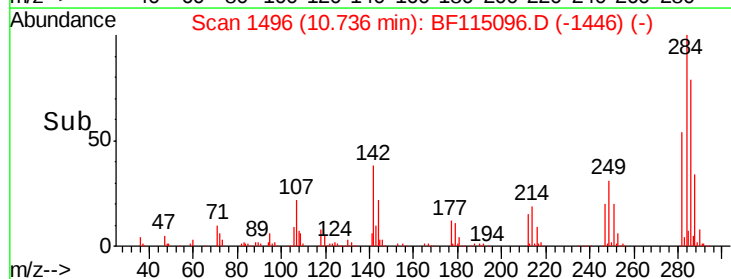
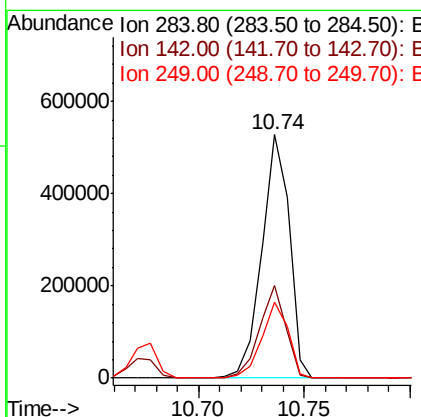
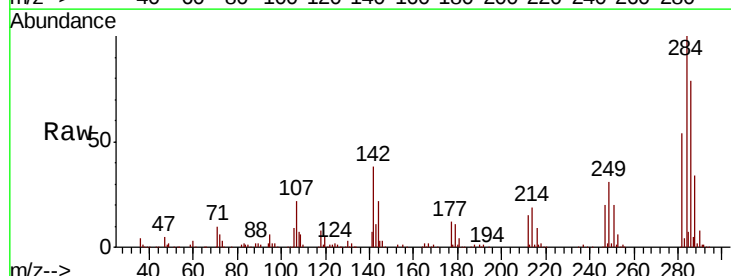
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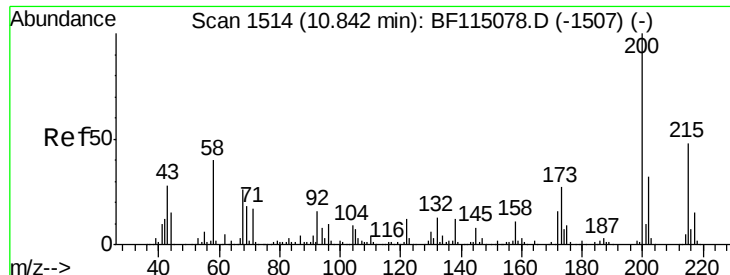
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#68
 Hexachlorobenzene
 Concen: 43.655 ng
 RT: 10.74 min Scan# 1496
 Delta R.T. -0.01 min
 Lab File: BF115096.D
 Acq: 21 Jun 2019 23:37

Tgt Ion:	284	Resp:	479196
Ion Ratio	Lower	Upper	
284	100		
142	37.8	25.8	38.8
249	31.2	24.2	36.4





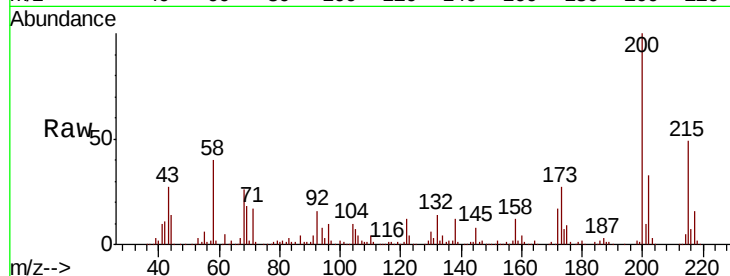
#69
Atrazine
Concen: 43.753 ng
RT: 10.84 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Instrument :
BNA_F
ClientSampleId :
PB120612BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.4	7.4	47.4
215	49.2	27.8	67.8

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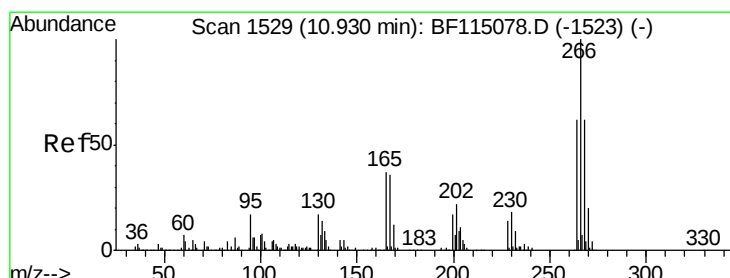
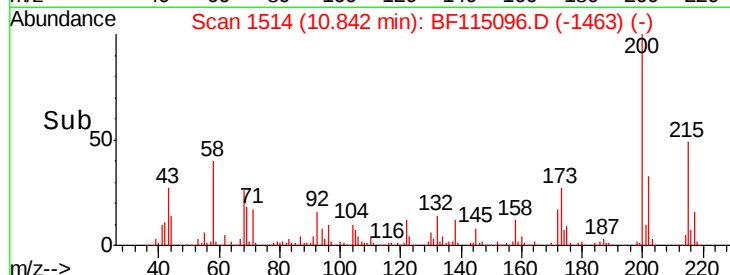
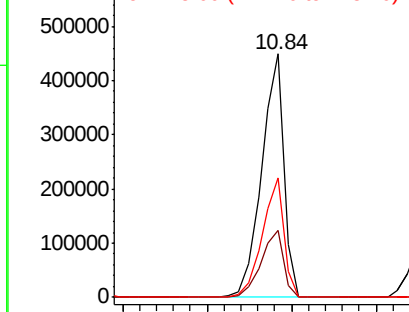


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 81.797 ng
RT: 10.93 min Scan# 1529
Delta R.T. -0.00 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

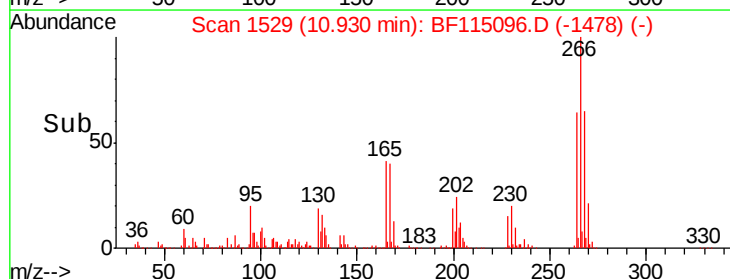
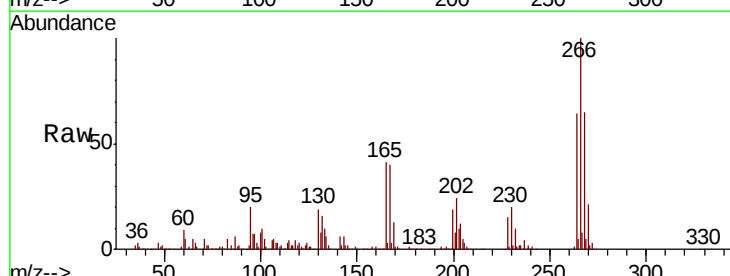
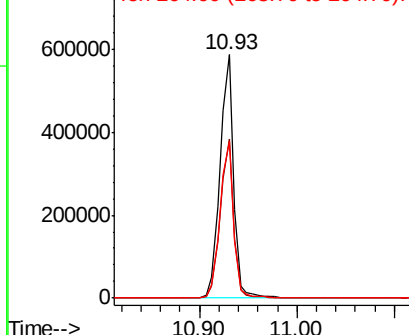
Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	65.3	49.5	74.3
264	64.1	49.3	73.9

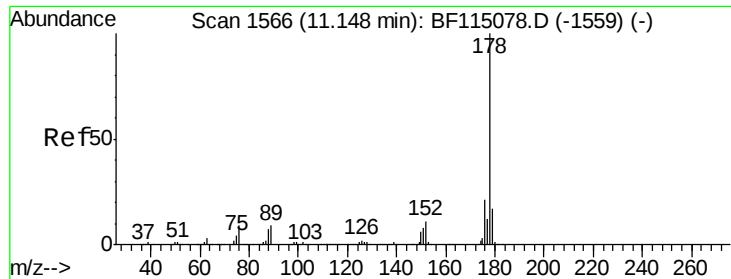
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.994 ng

RT: 11.14 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

Instrument :

BNA_F

ClientSampleId :

PB120612BS

Tot Ion:178 Resp: 2108958

Ion Ratio Lower Upper

178 100

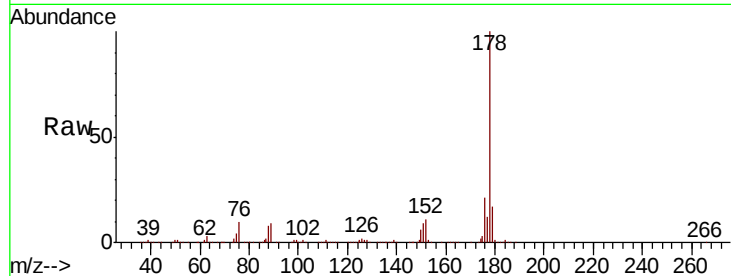
176 21.0 16.9 25.3

179 16.9 13.2 19.8

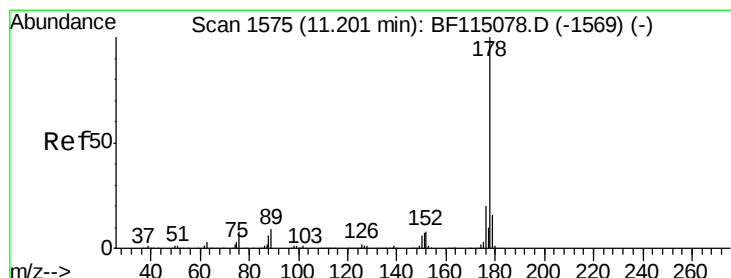
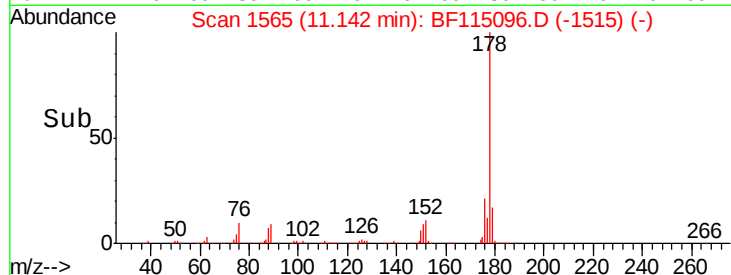
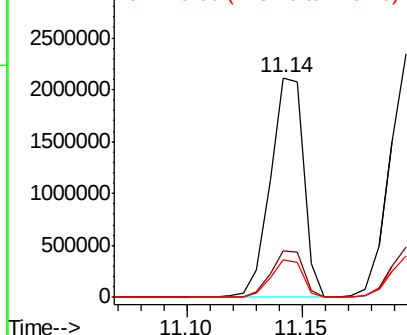
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.986 ng

RT: 11.19 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

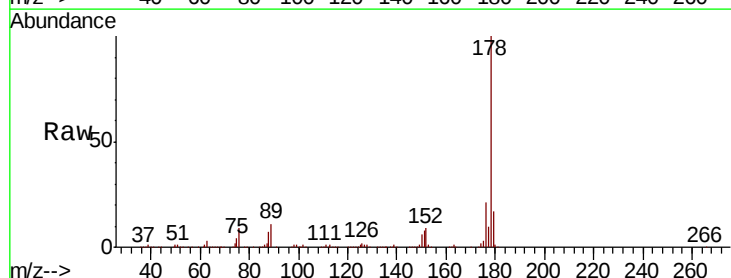
Tgt Ion:178 Resp: 2179121

Ion Ratio Lower Upper

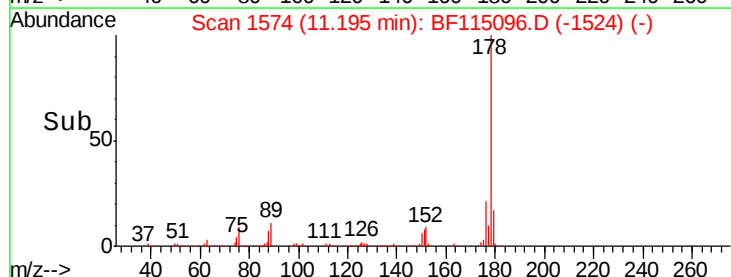
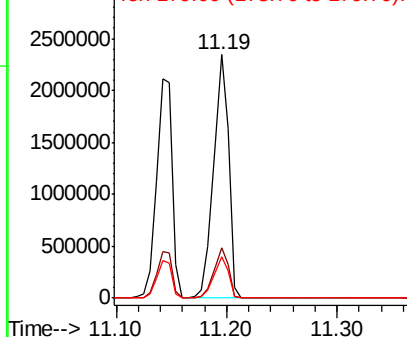
178 100

176 20.7 16.1 24.1

179 17.0 12.9 19.3



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





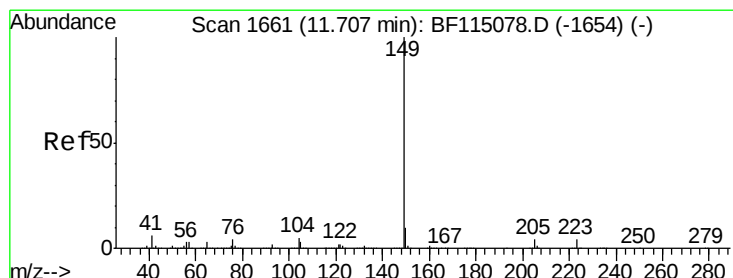
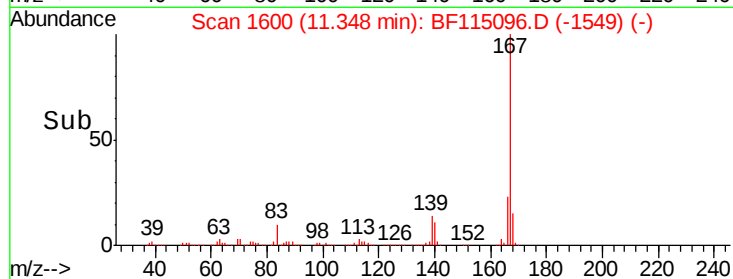
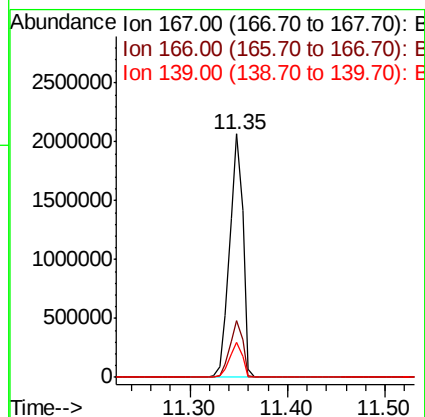
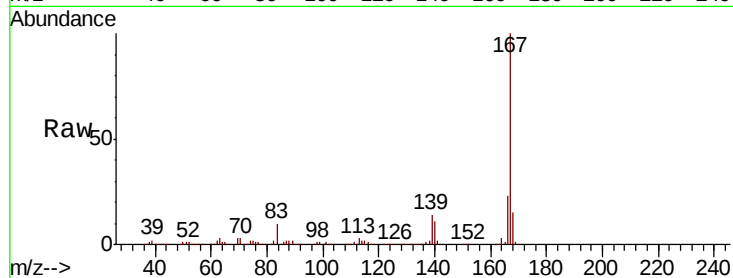
#73
 Carbazole
 Concen: 43.369 ng
 RT: 11.35 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BF115096.D
 Acq: 21 Jun 2019 23:37

Instrument :
 BNA_F
 ClientSampleId :
 PB120612BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.0	27.0
139	14.5	11.1	16.7

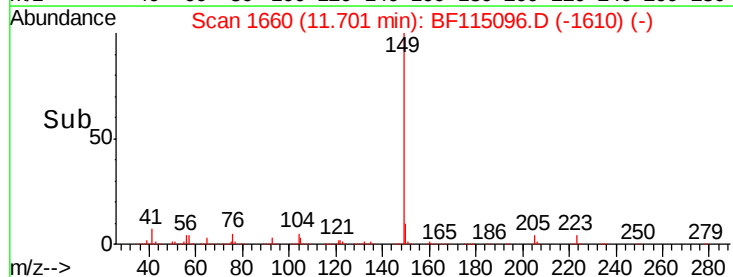
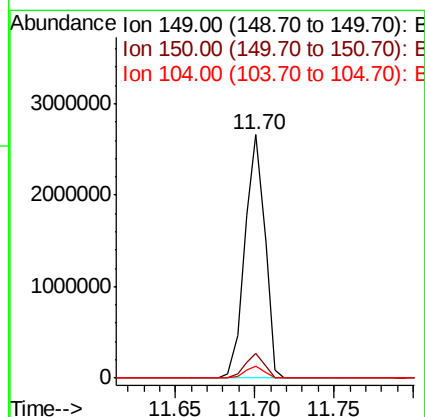
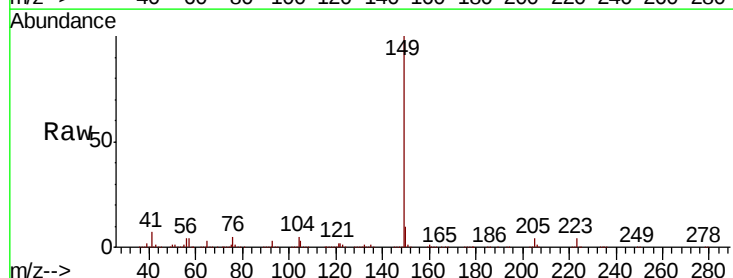
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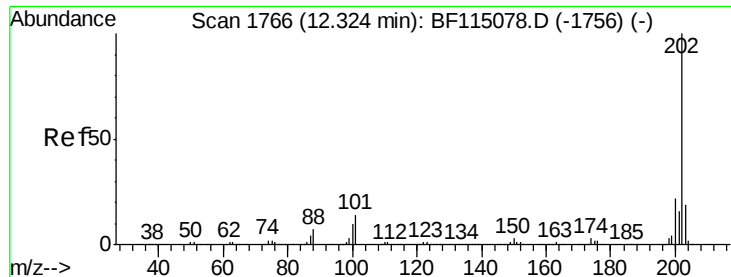
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#74
 Di-n-butylphthalate
 Concen: 44.240 ng
 RT: 11.70 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BF115096.D
 Acq: 21 Jun 2019 23:37

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	7.8	11.8
104	5.1	3.7	5.5





#75

Fluoranthene

Concen: 43.457 ng

RT: 12.32 min Scan# 1766

Delta R.T. -0.00 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

Instrument :

BNA_F

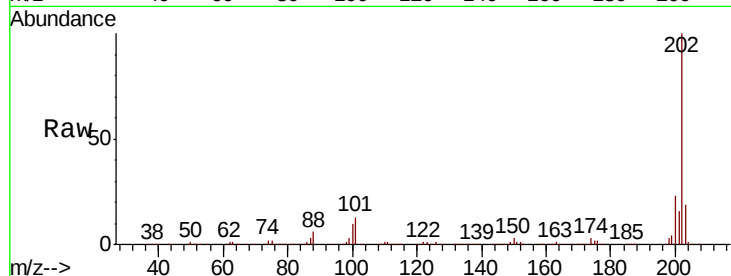
ClientSampleId :

PB120612BS

Tot Ion:	202	Resp:	2177498
Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	34.0
203	19.1	0.0	38.8

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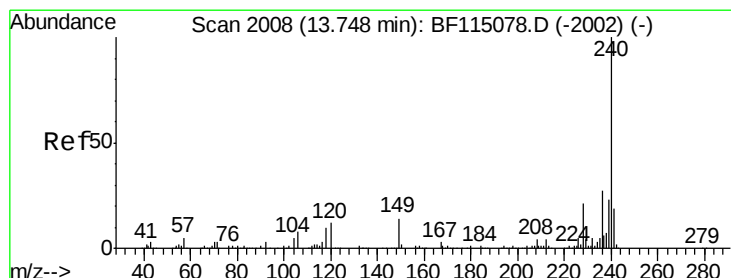
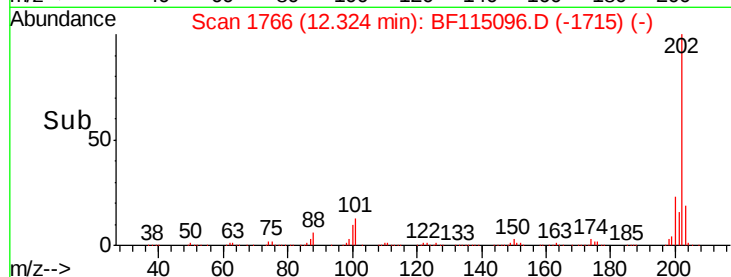
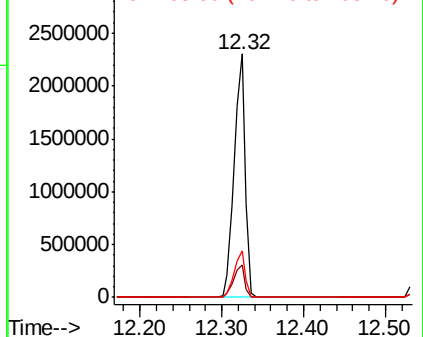


Abundance

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: 13.74 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

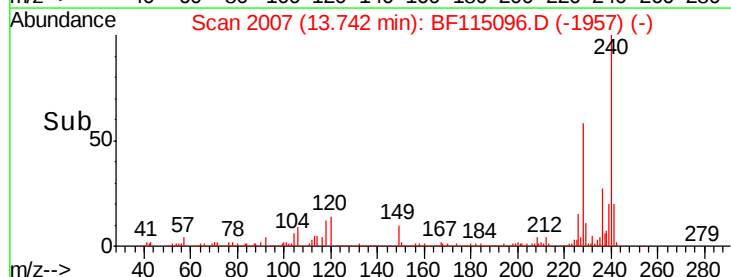
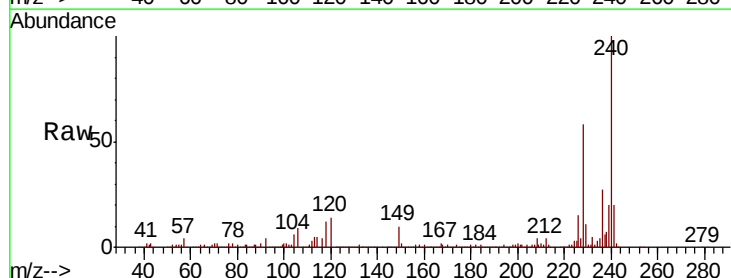
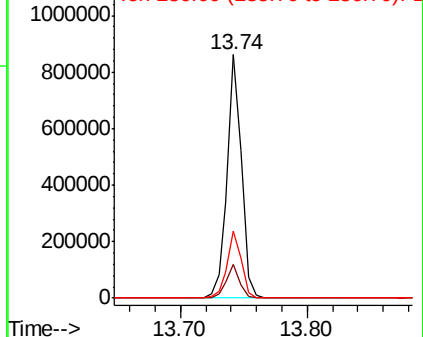
Tgt Ion:	240	Resp:	676547
Ion	Ratio	Lower	Upper
240	100		
120	13.6	9.4	14.2
236	27.3	21.7	32.5

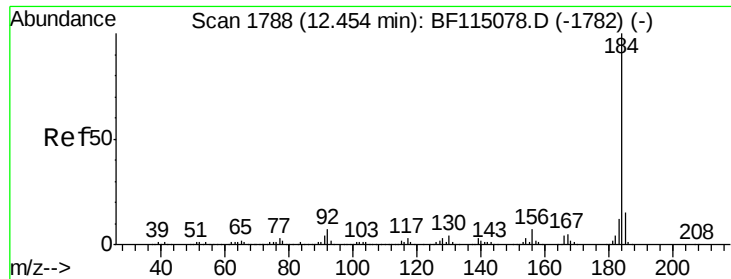
Abundance

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: 34.113 ng

RT: 12.45 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

Instrument :

BNA_F

ClientSampleId :

PB120612BS

Tot Ion:184 Resp: 1024789

Ion Ratio Lower Upper

184 100

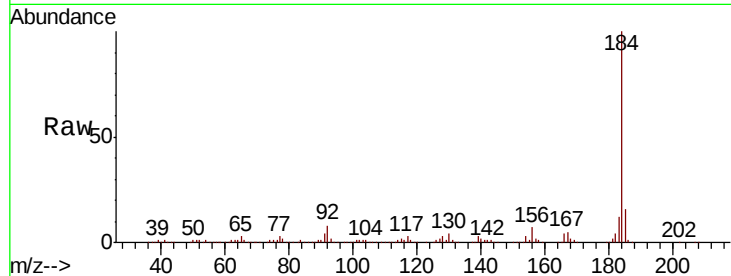
185 15.6 12.2 18.2

183 11.7 9.6 14.4

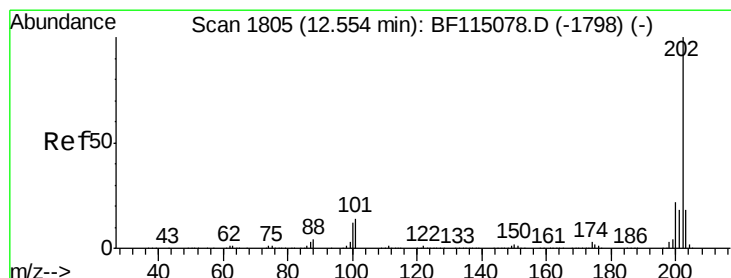
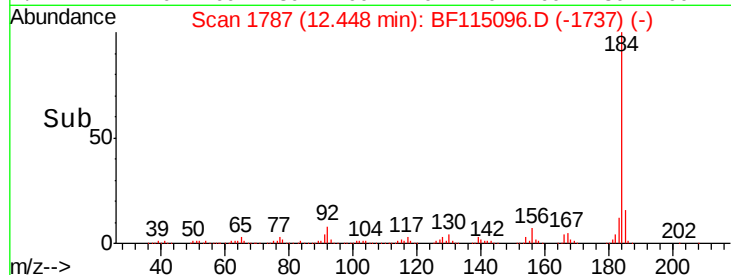
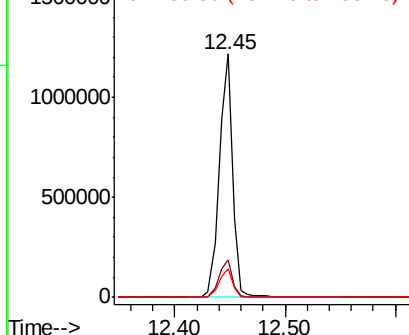
Manual Integrations
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.126 ng

RT: 12.55 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

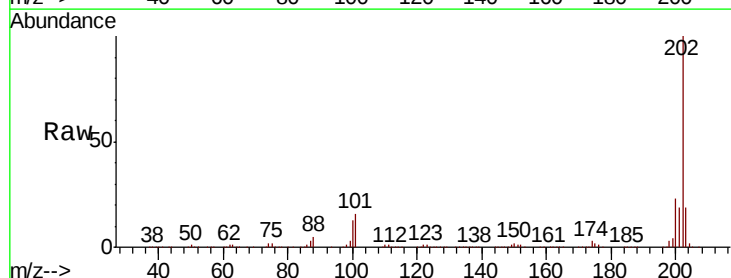
Tgt Ion:202 Resp: 2242247

Ion Ratio Lower Upper

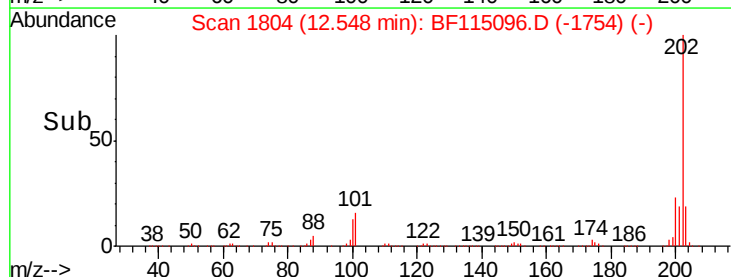
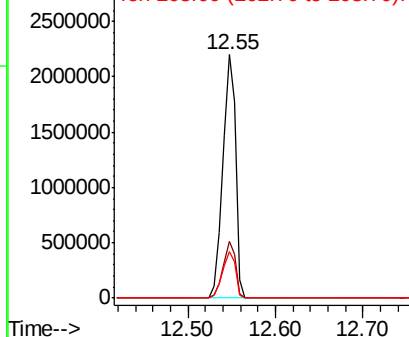
202 100

200 23.2 17.9 26.9

203 19.0 14.6 21.8



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: 82.410 ng

RT: 12.71 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

Instrument :

BNA_F

ClientSampleId :

PB120612BS

Tot Ion:244 Resp: 2622288

Ion Ratio Lower Upper

244 100

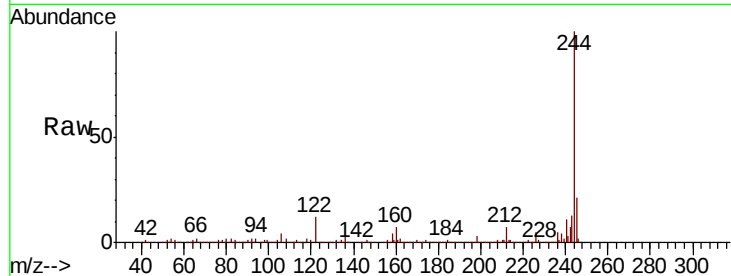
212 7.3 5.8 8.6

122 12.1 10.4 15.6

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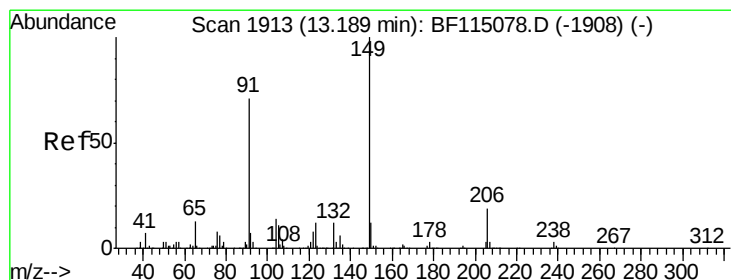
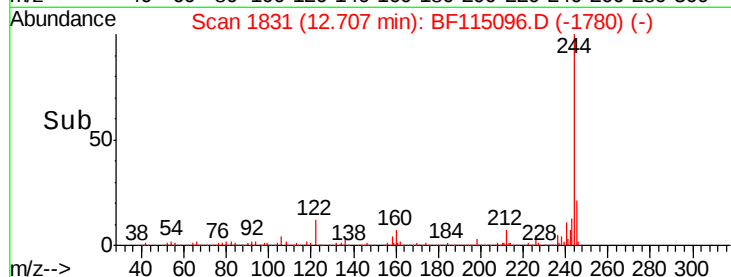
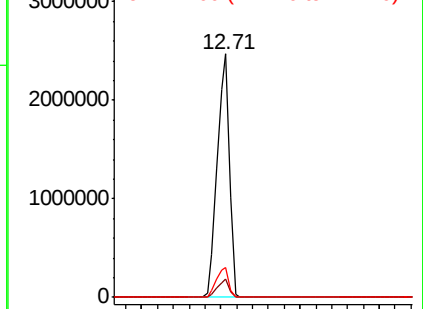
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.470 ng

RT: 13.19 min Scan# 1913

Delta R.T. -0.00 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

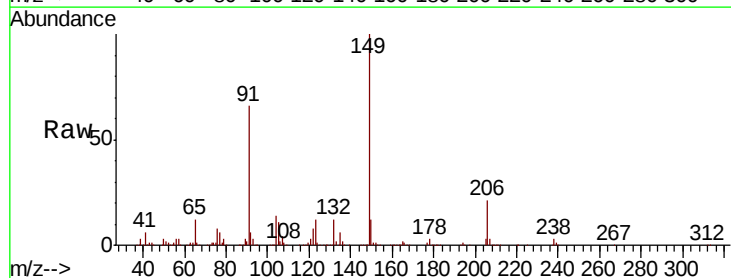
Tgt Ion:149 Resp: 1043320

Ion Ratio Lower Upper

149 100

91 65.9 56.5 84.7

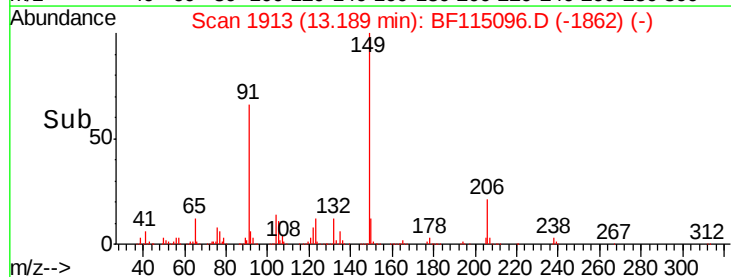
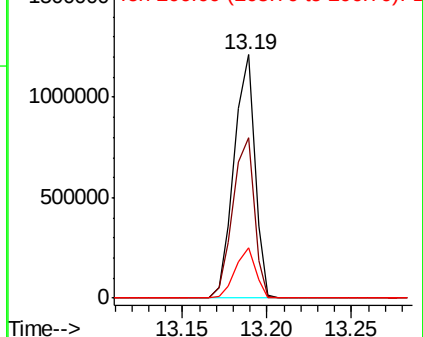
206 20.9 15.3 22.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





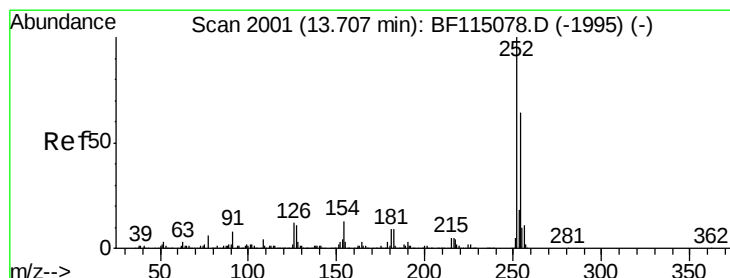
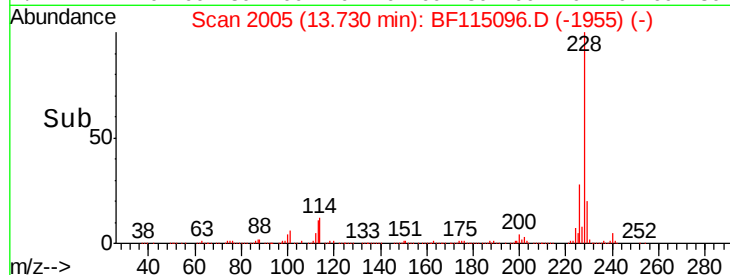
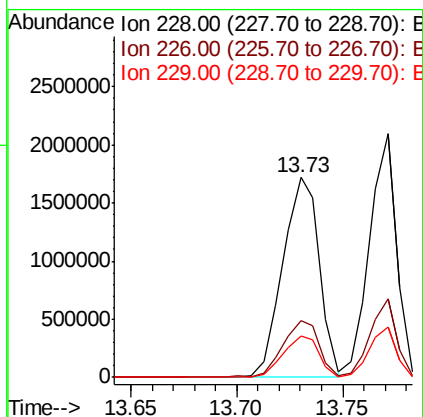
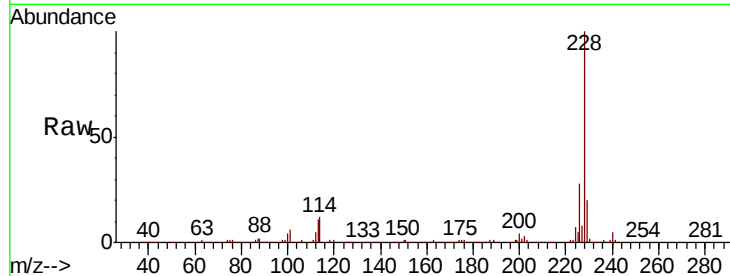
#81
Benzo(a)anthracene
Concen: 42.480 ng
RT: 13.73 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Instrument :
BNA_F
ClientSampleId :
PB120612BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.5	33.7
229	20.5	16.6	24.8

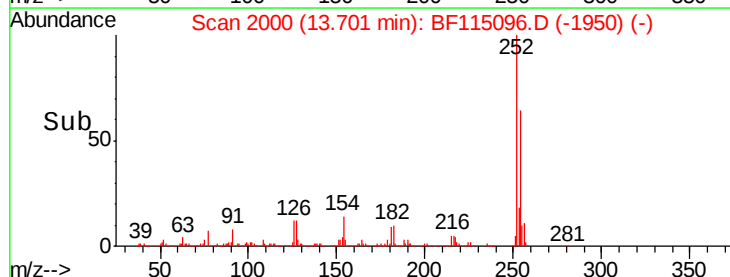
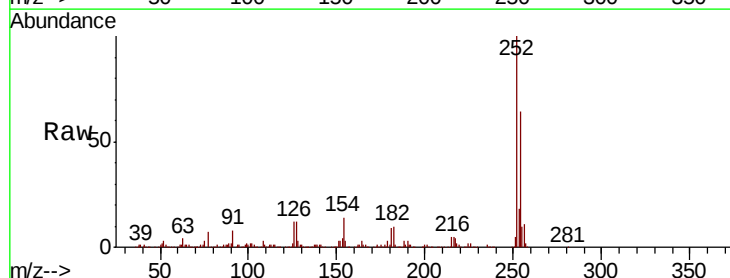
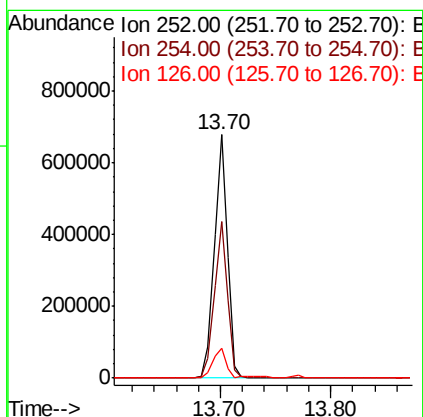
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#82
3,3'-Dichlorobenzidine
Concen: 31.374 ng
RT: 13.70 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.1	76.7
126	12.0	9.4	14.0





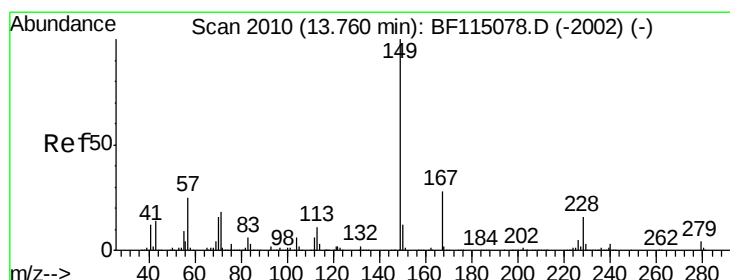
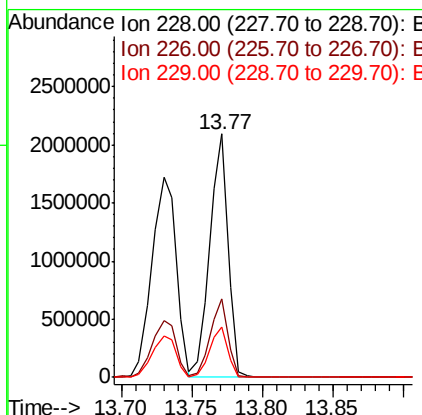
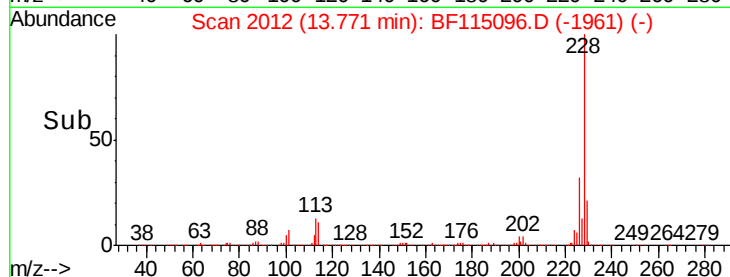
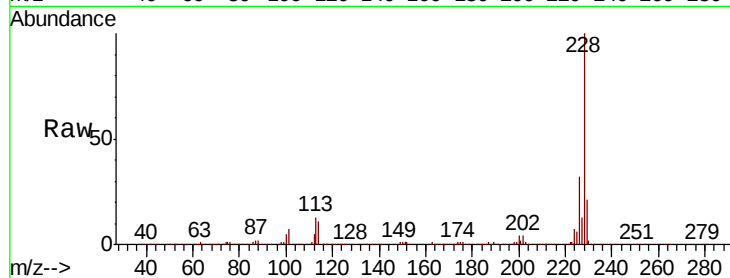
#83
Chrysene
Concen: 42.296 ng
RT: 13.77 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Instrument :
BNA_F
ClientSampleID :
PB120612BS

Tot Ion:228 Resp: 1880830
Ion Ratio Lower Upper
228 100
226 32.3 25.4 38.0
229 20.9 16.5 24.7

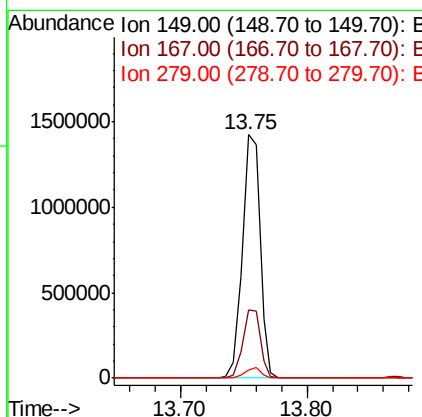
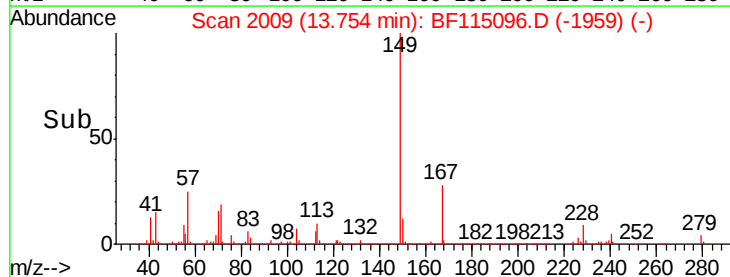
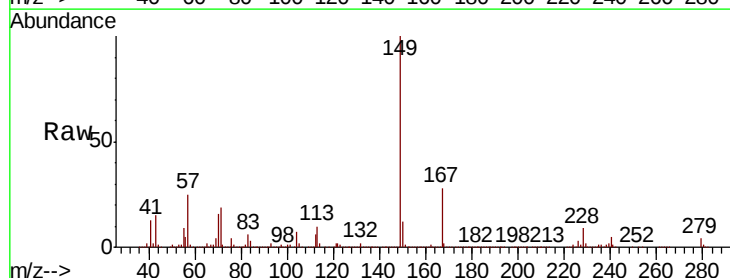
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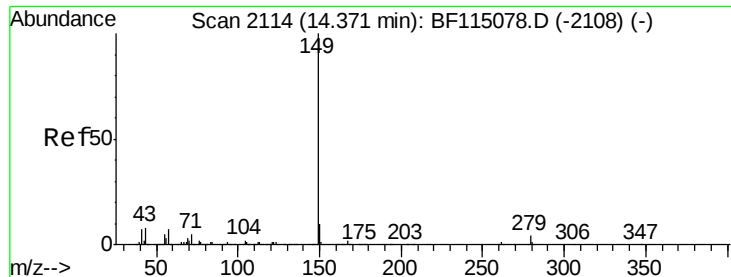
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#84
Bis(2-ethylhexyl)phthalate
Concen: 45.567 ng
RT: 13.75 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Tgt Ion:149 Resp: 1369987
Ion Ratio Lower Upper
149 100
167 27.8 22.2 33.4
279 3.6 2.9 4.3





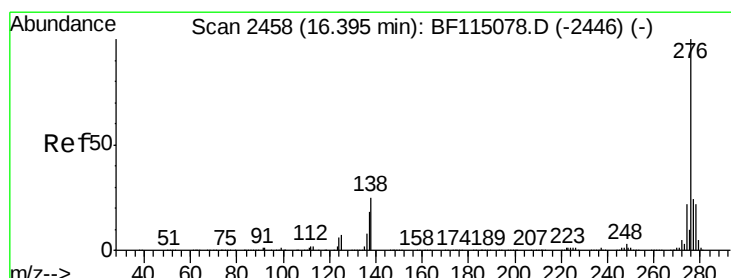
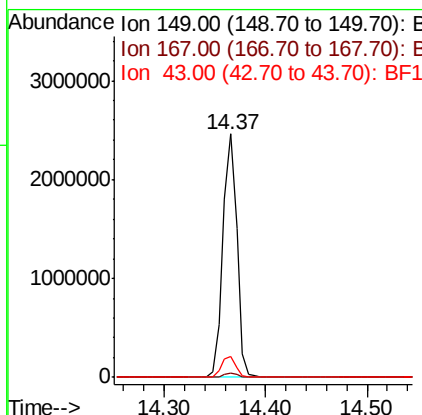
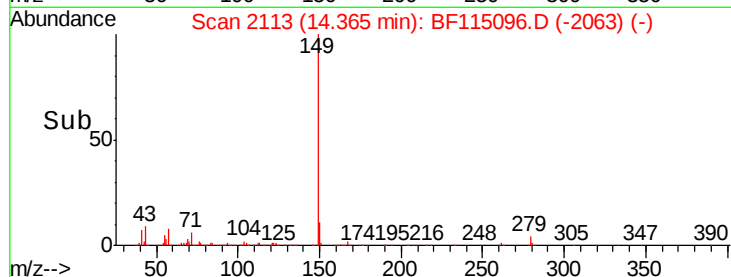
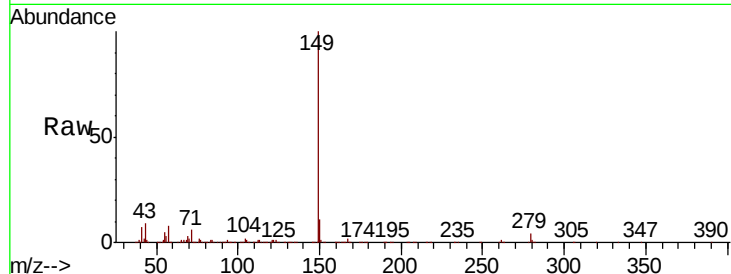
#85
Di-n-octyl phthalate
Concen: 46.798 ng
RT: 14.37 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Instrument :
BNA_F
ClientSampleId :
PB120612BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	8.8	7.0	10.6

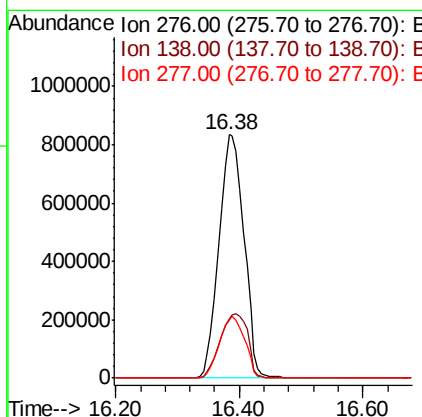
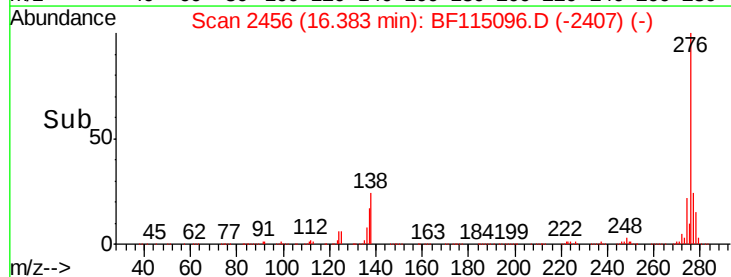
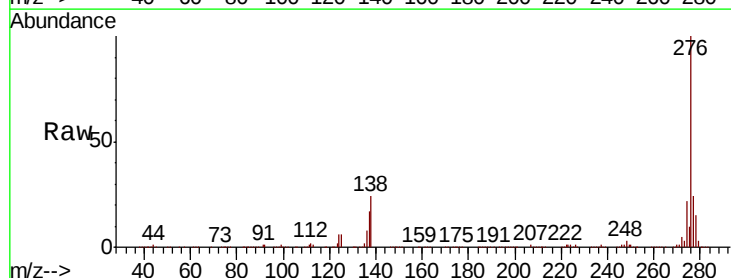
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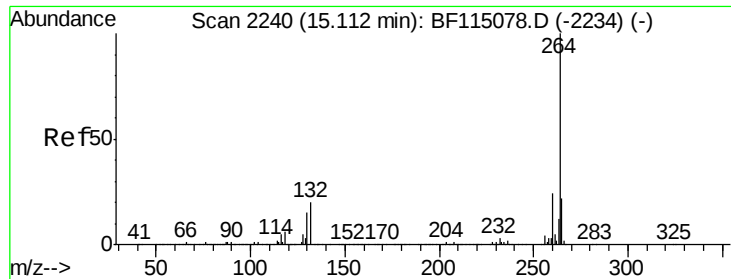
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 44.649 ng
RT: 16.38 min Scan# 2456
Delta R.T. -0.01 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.1	23.2	34.8
277	25.6	20.1	30.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.11 min Scan# 2239

Delta R.T. -0.01 min

Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

Instrument :

BNA_F

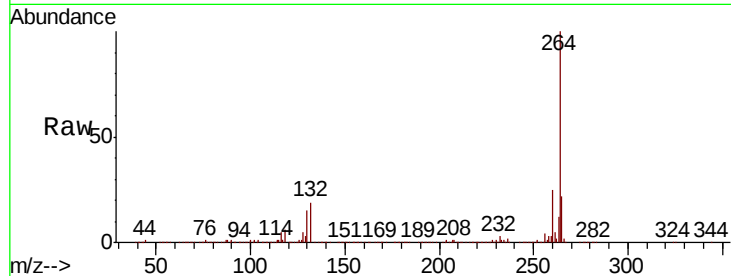
ClientSampleId :

PB120612BS

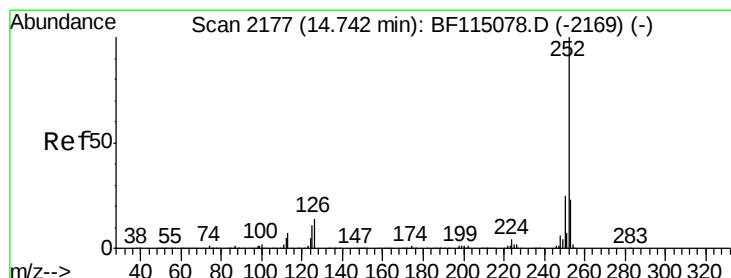
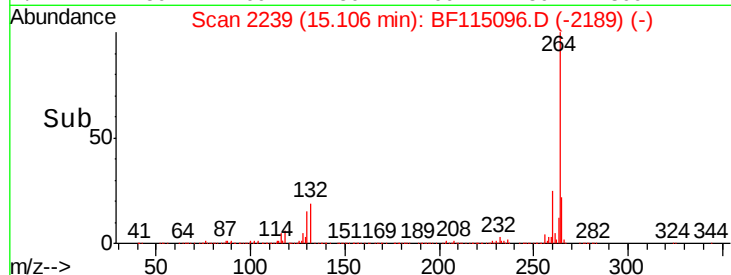
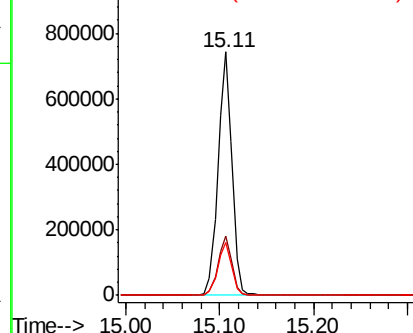
Tot Ion:	264	Resp:	778010
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.6	29.4
265	21.6	17.3	25.9

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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: 45.556 ng

RT: 14.74 min Scan# 2176

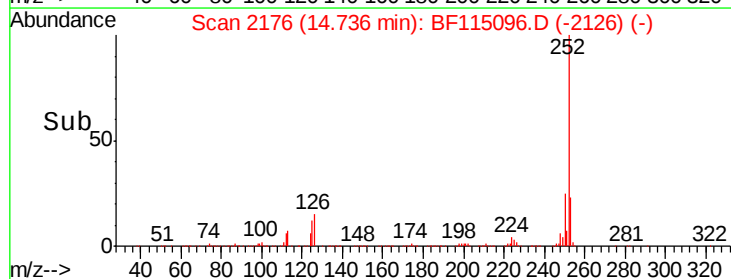
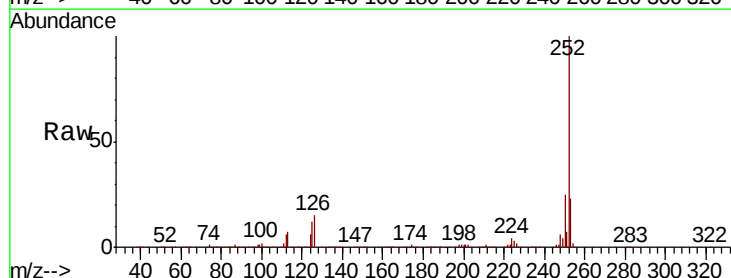
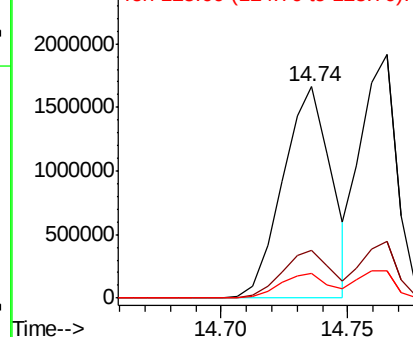
Delta R.T. -0.01 min

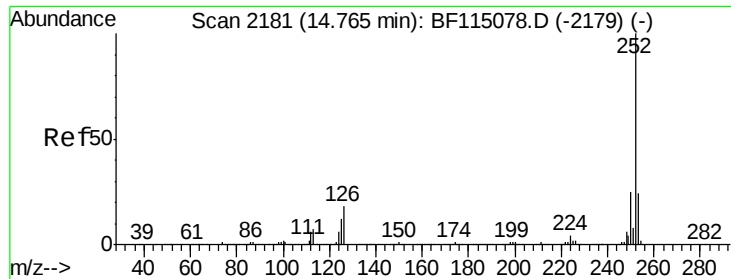
Lab File: BF115096.D

Acq: 21 Jun 2019 23:37

Tgt Ion:	252	Resp:	2211533
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.1	27.1
125	11.5	8.7	13.1

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





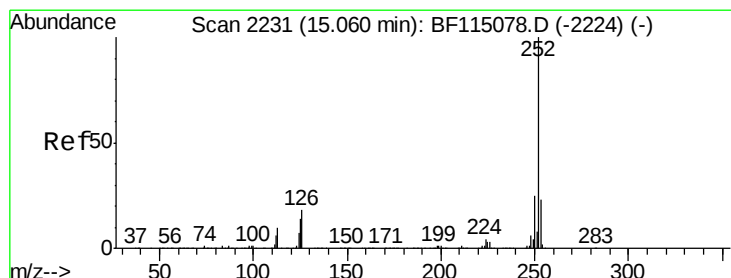
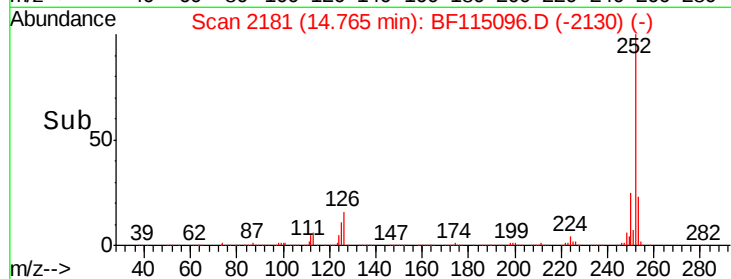
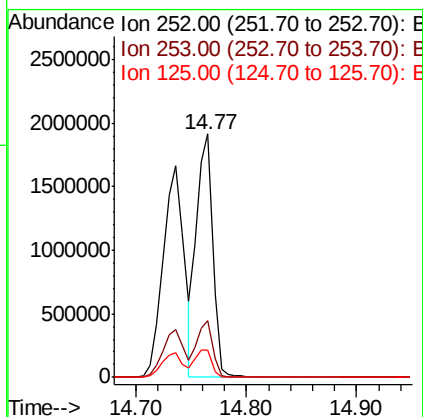
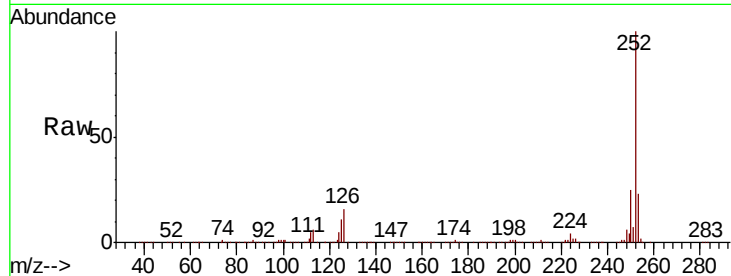
#89
Benzo(k)fluoranthene
Concen: 44.091 ng
RT: 14.77 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Instrument :
BNA_F
ClientSampled :
PB120612BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.9	28.3
125	11.0	10.2	15.2

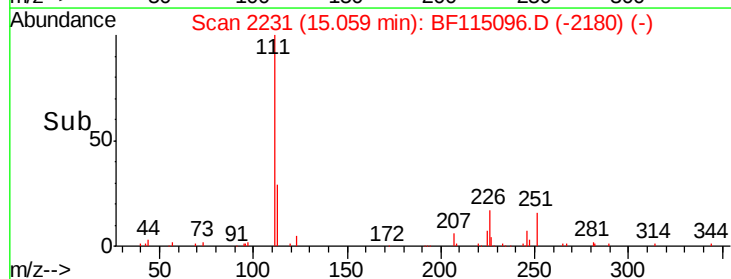
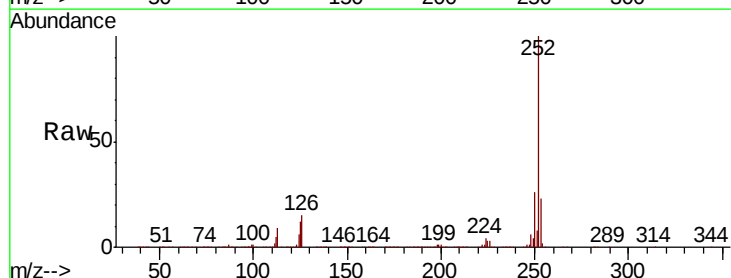
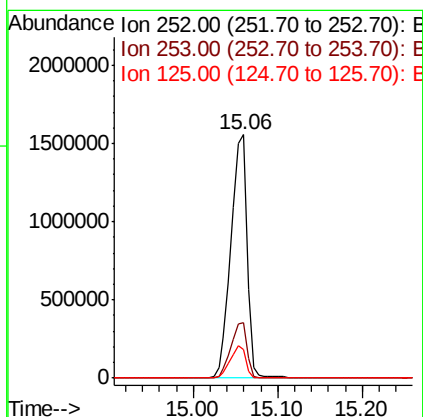
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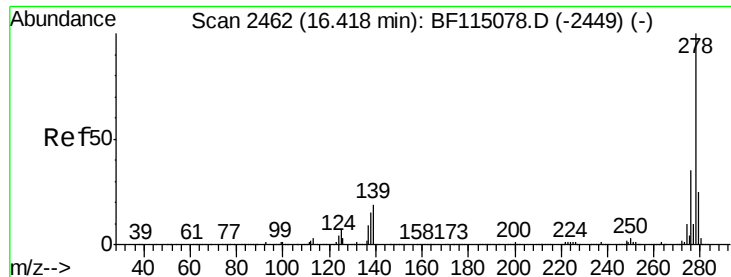
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#90
Benzo(a)pyrene
Concen: 46.761 ng
RT: 15.06 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.3	27.5
125	11.9	10.9	16.3





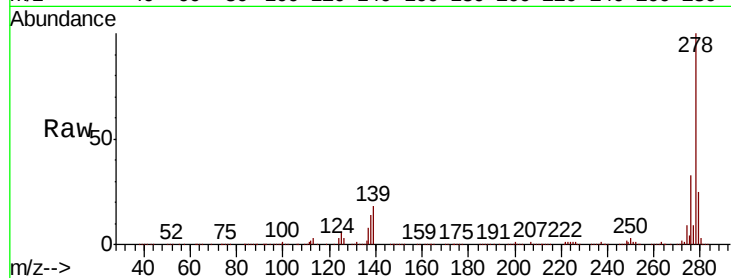
#91
Dibenzo(a,h)anthracene
Concen: 47.224 ng
RT: 16.41 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Instrument :
BNA_F
ClientSampleId :
PB120612BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.1	15.4	23.2
279	24.6	19.9	29.9

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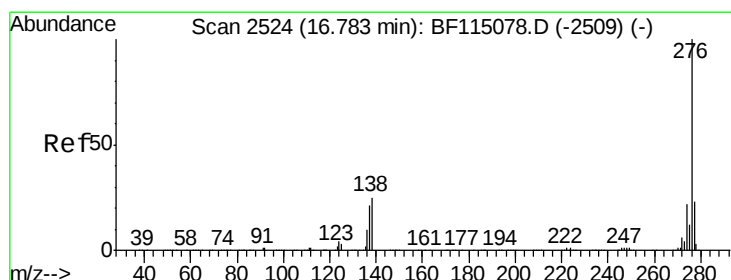
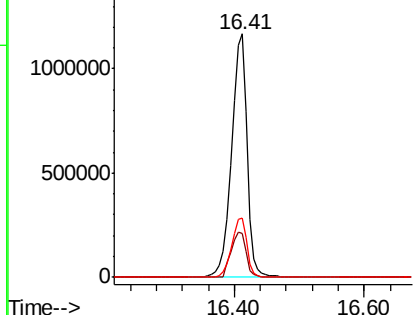
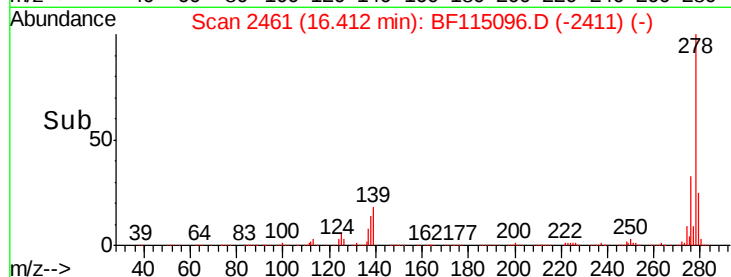


Abundance

Ion 278.00 (277.70 to 278.70): E

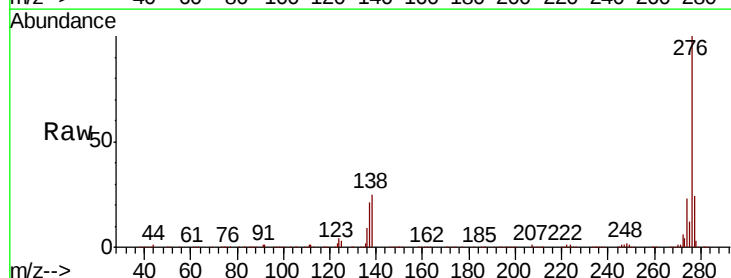
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 47.677 ng
RT: 16.78 min Scan# 2523
Delta R.T. -0.01 min
Lab File: BF115096.D
Acq: 21 Jun 2019 23:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	28.0
138	24.7	19.8	29.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

