

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
 Data File : BF115186.D
 Acq On : 25 Jun 2019 14:41
 Operator : HP/JU
 Sample : PB120785BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120785BS

Manual Integrations
 APPROVED

mohammad
 6/26/2019 2:03:21 PM

Quant Time: Jun 26 06:47:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	279456	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1113435	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	548925	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	1075730	20.00	ng	0.00
76) Chrysene-d12	13.74	240	727448	20.00	ng	-0.01
87) Perylene-d12	15.10	264	761941	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1975813	109.11	ng	0.02
7) Phenol-d6	6.26	99	2434266	110.75	ng	0.00
23) Nitrobenzene-d5	7.18	82	1502044	82.99	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	701301	121.15	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	2779464	86.01	ng	-0.01
79) Terphenyl-d14	12.69	244	2901092	84.79	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	303923	35.561	ng	98
3) Pyridine	2.95	79	831026	34.499	ng	96
4) n-Nitrosodimethylamine	2.90	42	345262	36.561	ng	100
6) Aniline	6.27	93	726423	24.047	ng	# 1
8) 2-Chlorophenol	6.40	128	835893	41.050	ng	98
9) Benzaldehyde	6.15	77	115837	8.078	ng	99
10) Phenol	6.27	94	944348	36.678	ng	93
11) bis(2-Chloroethyl)ether	6.35	93	752686	39.659	ng	98
12) 1,3-Dichlorobenzene	6.55	146	877061	38.810	ng	100
13) 1,4-Dichlorobenzene	6.63	146	885577	39.078	ng	99
14) 1,2-Dichlorobenzene	6.78	146	822349	39.185	ng	99
15) Benzyl Alcohol	6.76	79	540390	33.763	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1073574	39.001	ng	96
17) 2-Methylphenol	6.88	107	722990	43.015	ng	98
18) Hexachloroethane	7.12	117	318168	38.944	ng	97
19) n-Nitroso-di-n-propylamine	7.04	70	531136	37.744	ng	99
20) 3+4-Methylphenols	7.03	107	821120	42.309	ng	91
22) Acetophenone	7.02	105	1099037	43.116	ng	# 97
24) Nitrobenzene	7.20	77	836197	41.935	ng	98
25) Isophorone	7.44	82	1544457	41.653	ng	99
26) 2-Nitrophenol	7.51	139	477367	48.476	ng	99
27) 2,4-Dimethylphenol	7.56	122	797749	49.478	ng	98
28) bis(2-Chloroethoxy)methane	7.65	93	965089	41.181	ng	99
29) 2,4-Dichlorophenol	7.75	162	738970	44.412	ng	97
30) 1,2,4-Trichlorobenzene	7.84	180	782503	42.576	ng	99
31) Naphthalene	7.92	128	2337476	42.767	ng	100
32) Benzoic acid	7.70	122	597582	51.923	ng	100
33) 4-Chloroaniline	7.97	127	573019	22.940	ng	98
34) Hexachlorobutadiene	8.04	225	421033	41.803	ng	98
35) Caprolactam	8.34	113	244966m	43.789	ng	
36) 4-Chloro-3-methylphenol	8.46	107	750982	44.567	ng	96
37) 2-Methylnaphthalene	8.61	142	1602833	43.494	ng	99
38) 1-Methylnaphthalene	8.71	142	1525706	43.349	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	668888	43.122	ng	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	706307	76.790	nq	99
43) 2,4,6-Trichlorophenol	8.88	196	511280	42.694	nq	99
44) 2,4,5-Trichlorophenol	8.93	196	591765	47.984	nq	99
46) 1,1'-Biphenyl	9.07	154	1832402	41.720	nq	98
47) 2-Chloronaphthalene	9.09	162	1503380	42.197	nq	97
48) 2-Nitroaniline	9.18	65	454551	43.762	nq	98
49) Acenaphthylene	9.50	152	2325568	41.896	nq	99
50) Dimethylphthalate	9.38	163	1706285	42.250	nq	100
51) 2,6-Dinitrotoluene	9.43	165	414360	44.441	nq	98
52) Acenaphthene	9.68	154	1438667	41.419	nq	98
53) 3-Nitroaniline	9.60	138	314558	27.646	nq	93
54) 2,4-Dinitrophenol	9.70	184	453070	93.109	nq	94
55) Dibenzofuran	9.85	168	2022904	40.577	nq	98
56) 4-Nitrophenol	9.77	139	715368	78.424	nq	94
57) 2,4-Dinitrotoluene	9.83	165	549431	45.638	nq	93
58) Fluorene	10.19	166	1403112	41.805	nq	98
59) 2,3,4,6-Tetrachlorophenol	9.97	232	495036	47.871	nq	97
60) Diethylphthalate	10.08	149	1677432	41.320	nq	99
61) 4-Chlorophenyl-phenylether	10.18	204	681595	42.893	nq	97
62) 4-Nitroaniline	10.21	138	466388	40.860	nq	98
63) Azobenzene	10.34	77	1561238	41.174	nq	98
65) 4,6-Dinitro-2-methylphenol	10.24	198	271724	47.527	nq	89
66) n-Nitrosodiphenylamine	10.30	169	1422598	42.448	nq	100
67) 4-Bromophenyl-phenylether	10.67	248	490295	42.038	nq	92
68) Hexachlorobenzene	10.73	284	541679	42.788	nq	95
69) Atrazine	10.83	200	458504	42.529	nq	99
70) Pentachlorophenol	10.92	266	674779	83.667	nq	96
71) Phenanthrene	11.14	178	2294379	39.614	nq	100
72) Anthracene	11.19	178	2343554	40.085	nq	98
73) Carbazole	11.34	167	2155717	41.292	nq	98
74) Di-n-butylphthalate	11.69	149	2466828	40.890	nq	98
75) Fluoranthene	12.32	202	2363573	40.901	nq	98
77) Benzidine	12.44	184	805149	24.926	nq	99
78) Pyrene	12.54	202	2393960	42.822	nq	98
80) Butylbenzylphthalate	13.18	149	1114478	45.173	nq	91
81) Benzo(a)anthracene	13.72	228	2221933	42.568	nq	99
82) 3,3'-Dichlorobenzidine	13.69	252	697877	37.024	nq	99
83) Chrysene	13.76	228	2101713	43.957	nq	99
84) Bis(2-ethylhexyl)phthalate	13.74	149	1417499	43.848	nq	99
85) Di-n-octyl phthalate	14.35	149	2451146	45.128	nq	99
86) Indeno(1,2,3-cd)pyrene	16.37	276	2343359	41.419	nq	99
88) Benzo(b)fluoranthene	14.73	252	2416891	50.836	nq	99
89) Benzo(k)fluoranthene	14.76	252	1993147	46.748	nq	98
90) Benzo(a)pyrene	15.05	252	2169226	50.622	nq	99
91) Dibenzo(a,h)anthracene	16.39	278	1936394	48.405	nq	98
92) Benzo(g,h,i)perylene	16.76	276	1950212	48.167	nq	99

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



#1

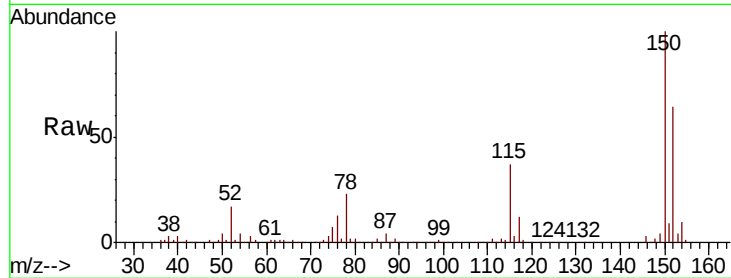
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Instrument :
BNA_F
ClientSampleId :
PB120785BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.2	186.2
115	57.5	46.1	69.1

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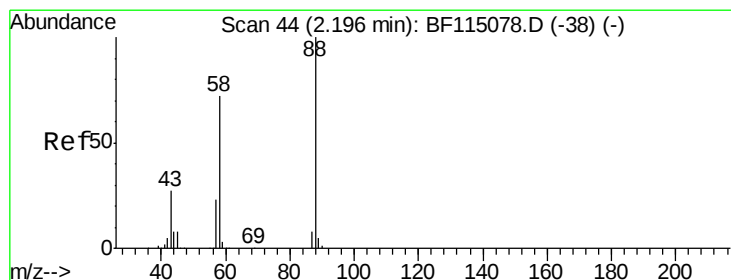
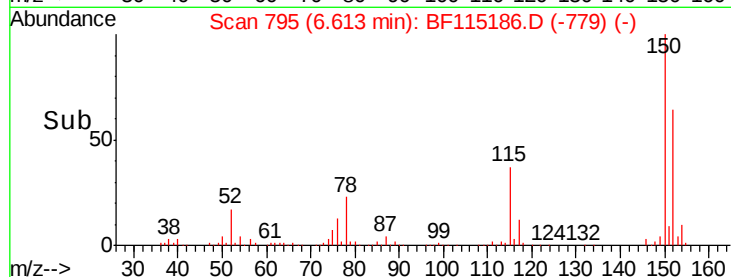
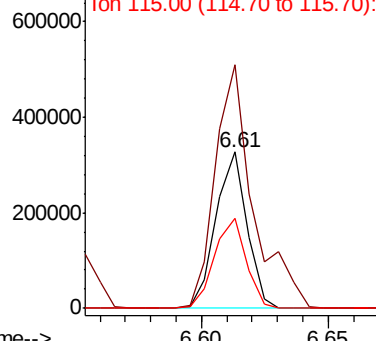


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

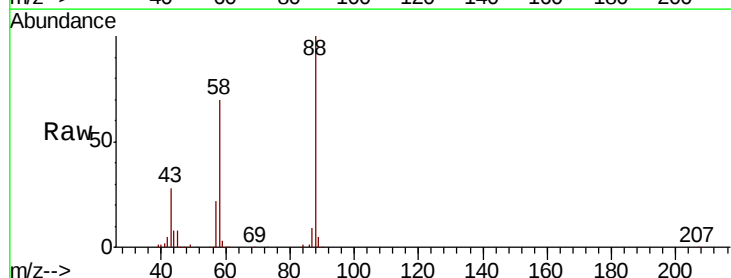
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.561 ng
RT: 2.30 min Scan# 61
Delta R.T. 0.10 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.6	56.1	84.1
43	28.2	21.3	31.9

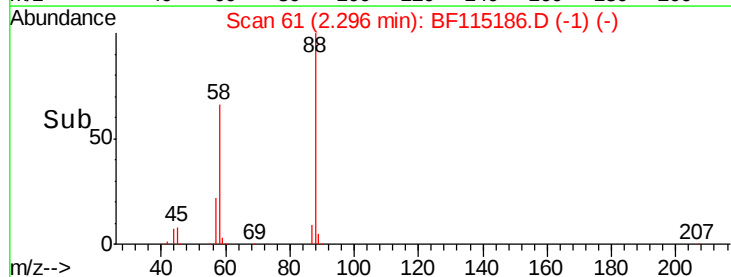
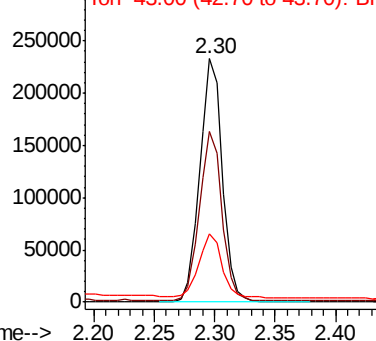


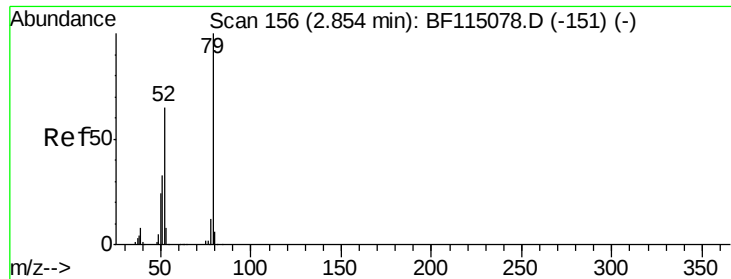
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 34.499 ng

RT: 2.95 min Scan# 172

Delta R.T. 0.09 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

Instrument :

BNA_F

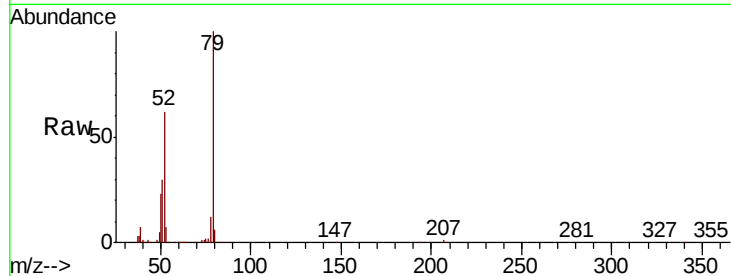
ClientSampleId :

PB120785BS

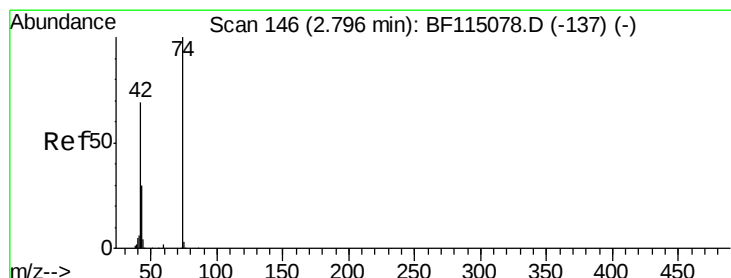
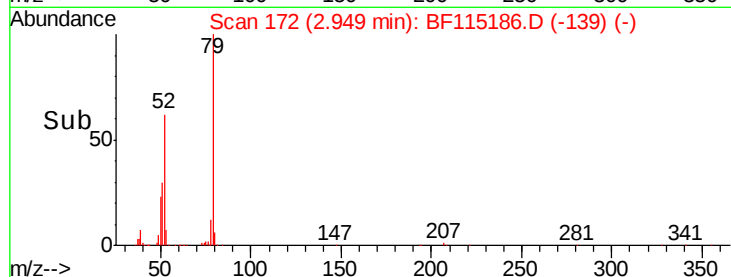
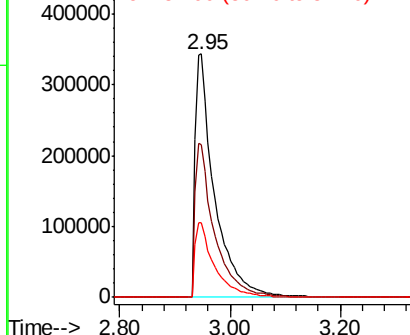
Tot Ion:	79	Resp:	831026
Ion Ratio	Lower	Upper	
79	100		
52	62.5	52.3	78.5
51	30.5	26.1	39.1

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



#4

n-Nitrosodimethylamine

Concen: 36.561 ng

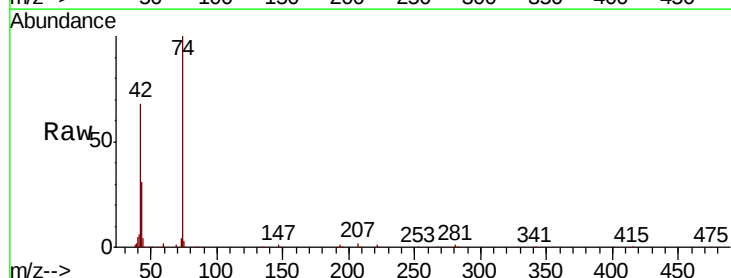
RT: 2.90 min Scan# 163

Delta R.T. 0.10 min

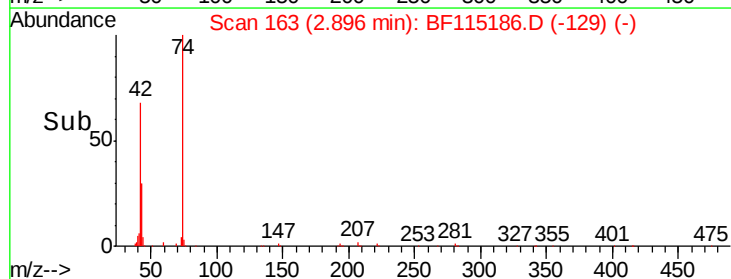
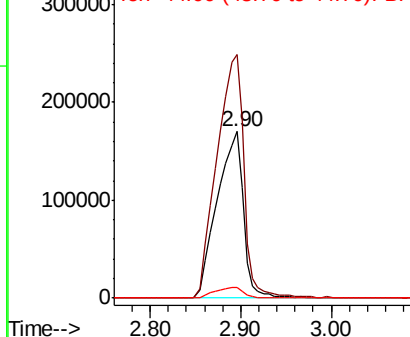
Lab File: BF115186.D

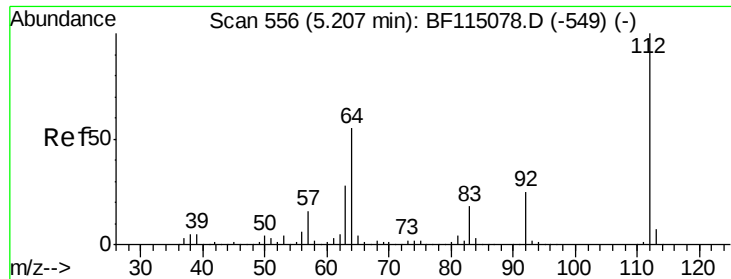
Acq: 25 Jun 2019 14:41

Tgt Ion:	42	Resp:	345262
Ion Ratio	Lower	Upper	
42	100		
74	146.3	116.6	175.0
44	6.4	5.3	7.9



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





#5

2-Fluorophenol

Concen: 109.105 ng

RT: 5.22 min Scan# 559

Delta R.T. 0.02 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

Instrument :

BNA_F

ClientSampleId :

PB120785BS

Tot Ion:112 Resp: 1975813

Ion Ratio Lower Upper

112 100

64 55.7 43.8 65.6

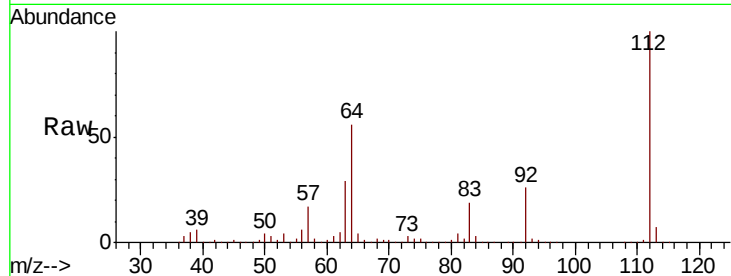
63 28.7 22.2 33.4

Manual Integrations

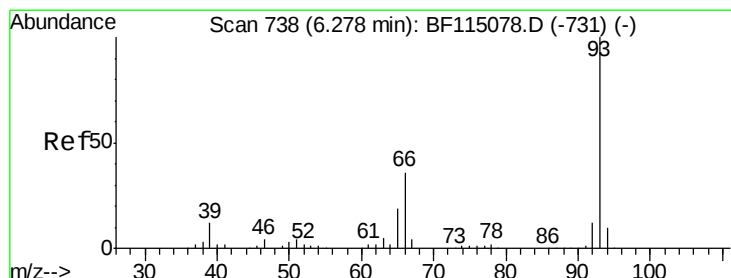
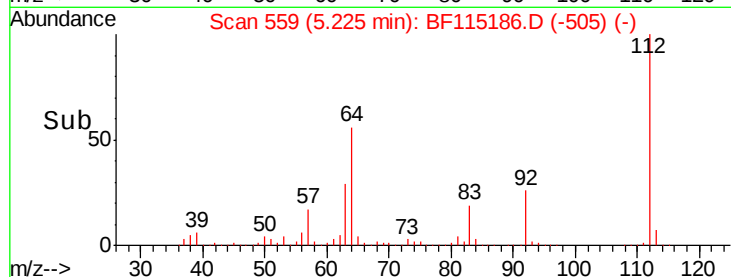
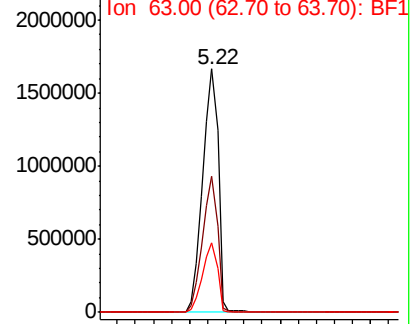
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Abundance Ion 112.00 (111.70 to 112.70): BF115078.D (-549) (-)



#6

Aniline

Concen: 24.047 ng

RT: 6.27 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

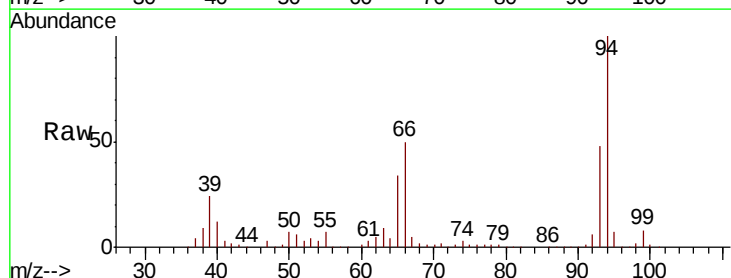
Tgt Ion: 93 Resp: 726423

Ion Ratio Lower Upper

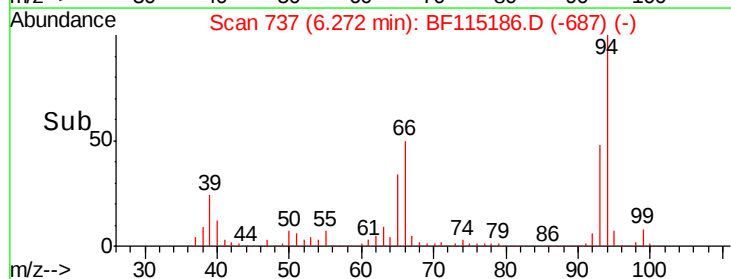
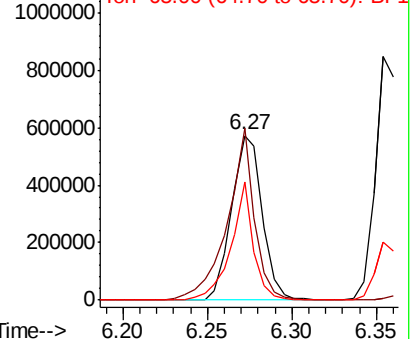
93 100

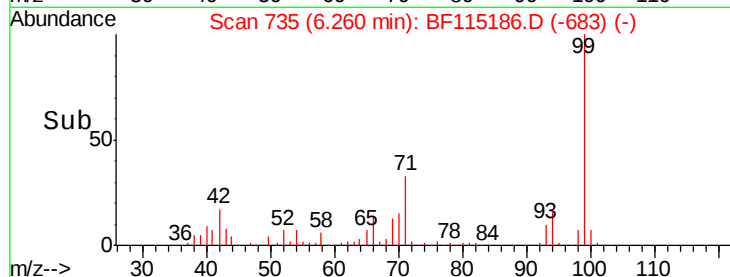
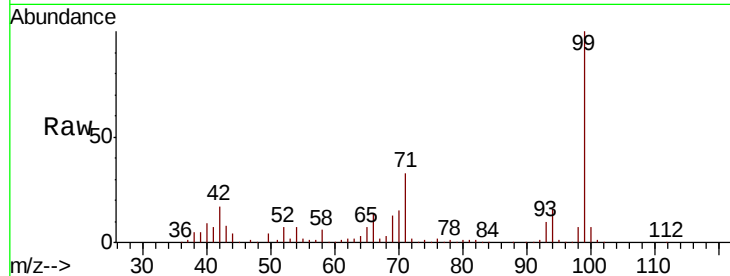
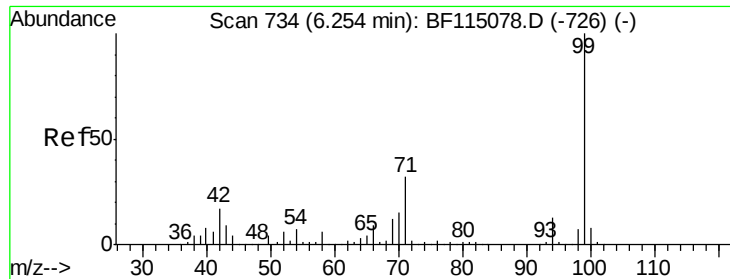
66 104.5 30.0 45.0#

65 71.5 15.6 23.4#



Abundance Ion 93.00 (92.70 to 93.70): BF115078.D (-731) (-)





#7

Phenol-d6

Concen: 110.748 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

Tot Ion: 99 Resp: 2434266

Ion Ratio Lower Upper

99 100

42 17.0 13.6 20.4

71 32.8 25.5 38.3

Instrument :

BNA_F

ClientSampleId :

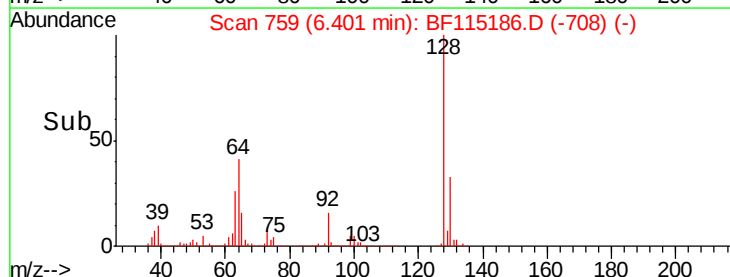
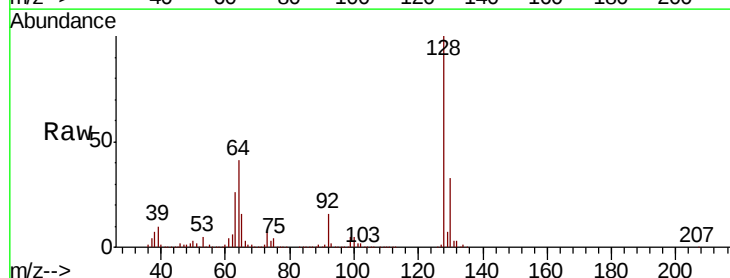
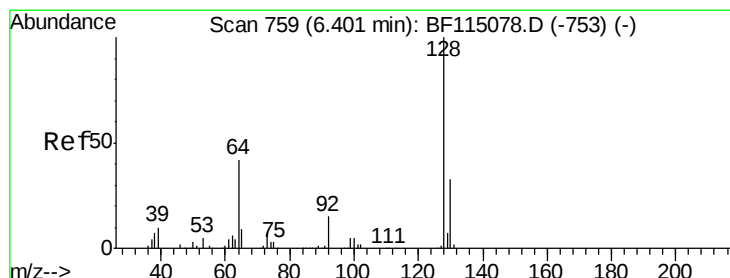
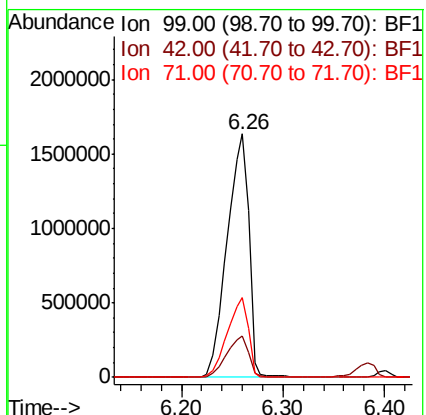
PB120785BS

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#8

2-Chlorophenol

Concen: 41.050 ng

RT: 6.40 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

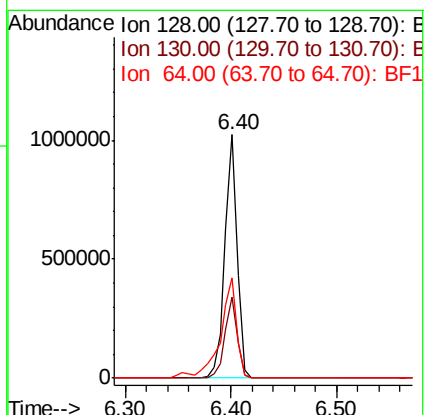
Tgt Ion:128 Resp: 835893

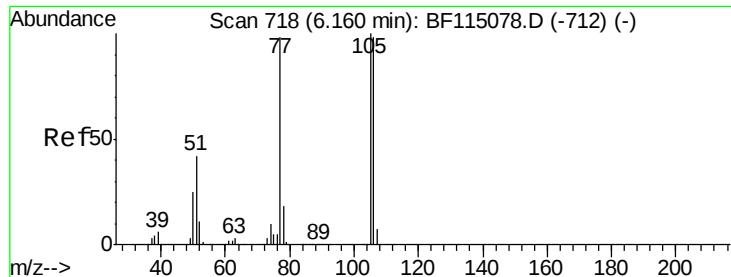
Ion Ratio Lower Upper

128 100

130 33.4 12.9 52.9

64 41.2 22.9 62.9





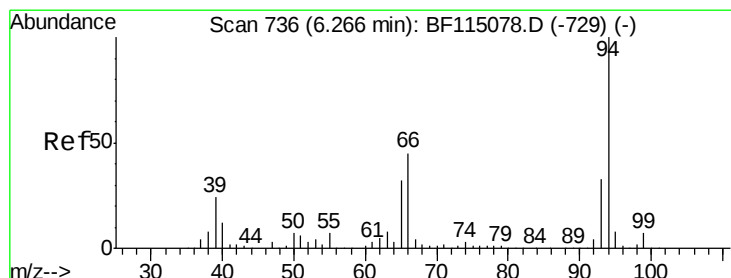
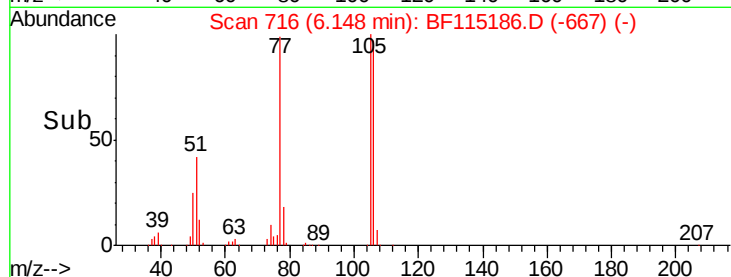
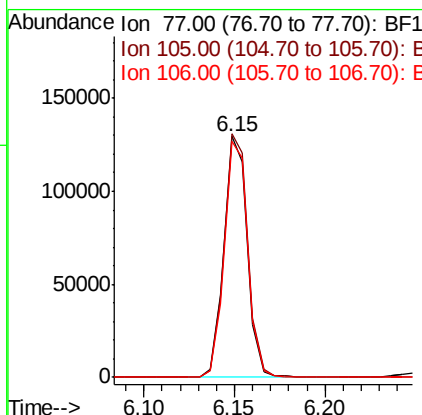
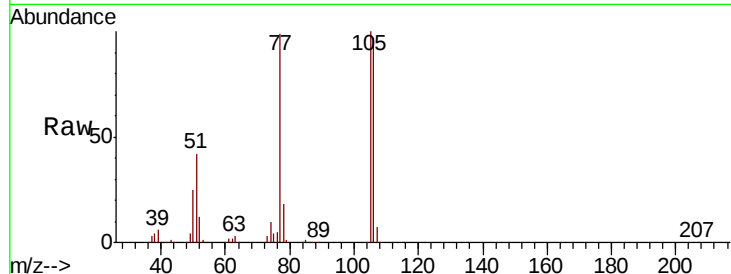
#9
Benzaldehyde
Concen: 8.078 ng
RT: 6.15 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Instrument :
BNA_F
ClientSampleId :
PB120785BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.2	81.5	121.5
106	98.0	79.7	119.7

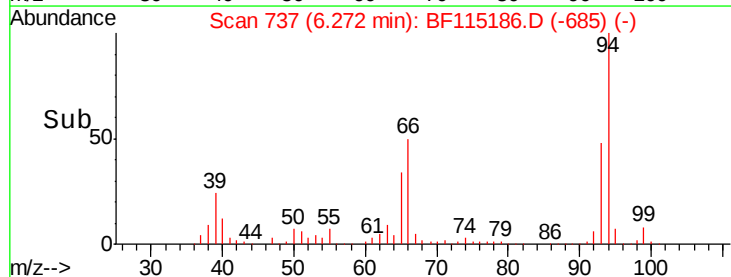
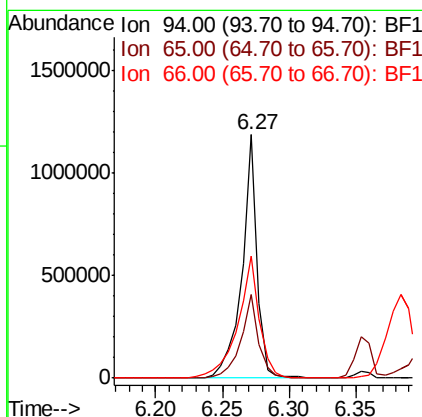
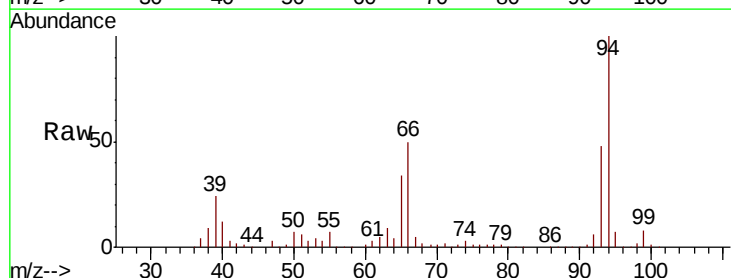
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#10
Phenol
Concen: 36.678 ng
RT: 6.27 min Scan# 737
Delta R.T. 0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.5	11.9	51.9
66	50.4	25.2	65.2





#11

bis(2-Chloroethyl)ether

Concen: 39.659 ng

RT: 6.35 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

Instrument :

BNA_F

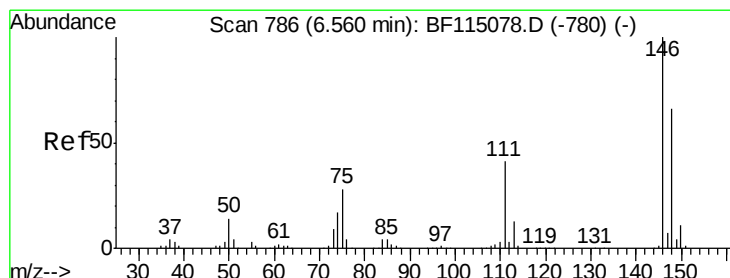
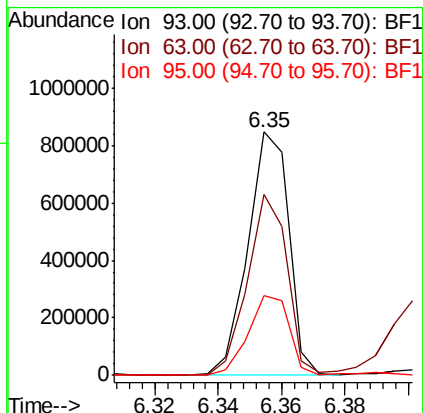
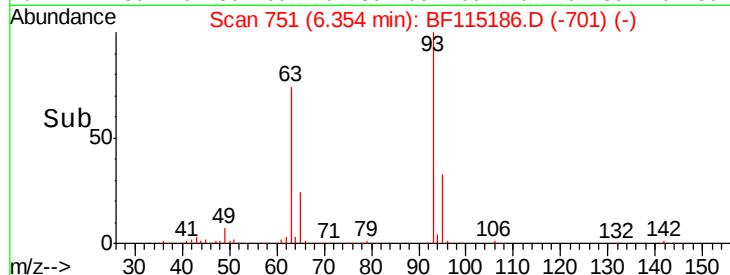
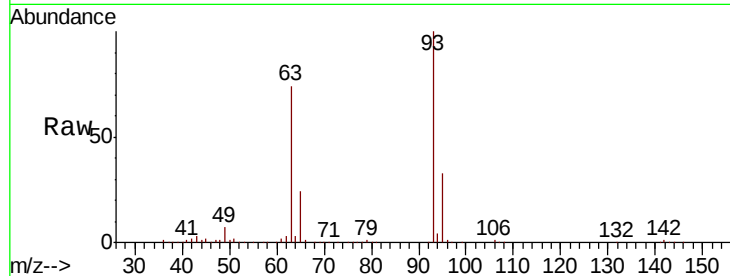
ClientSampleId :

PB120785BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.1	51.5	91.5
95	33.0	13.4	53.4

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#12

1,3-Dichlorobenzene

Concen: 38.810 ng

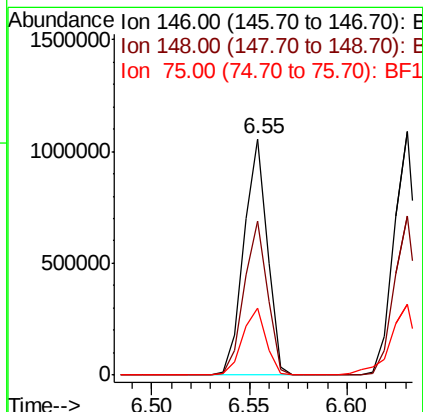
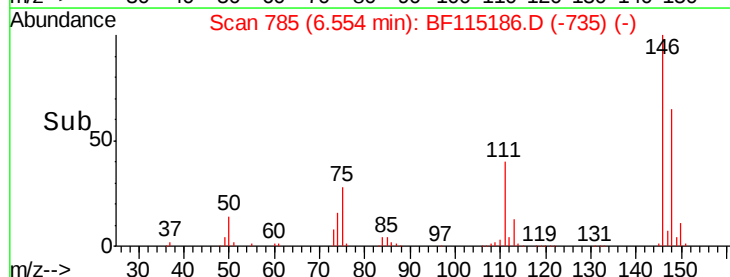
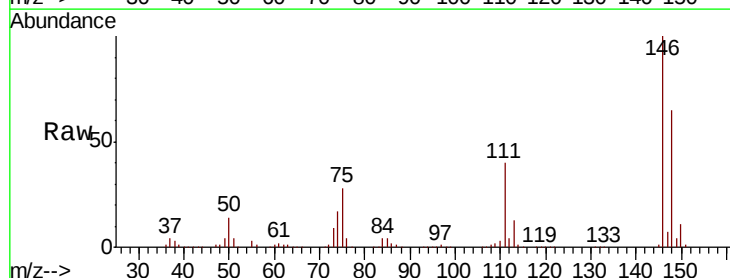
RT: 6.55 min Scan# 785

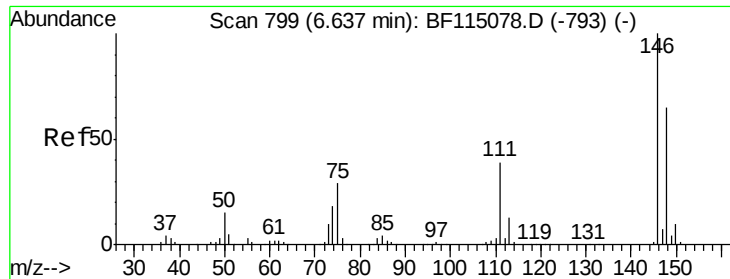
Delta R.T. -0.01 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.6	78.8
75	28.2	22.6	34.0





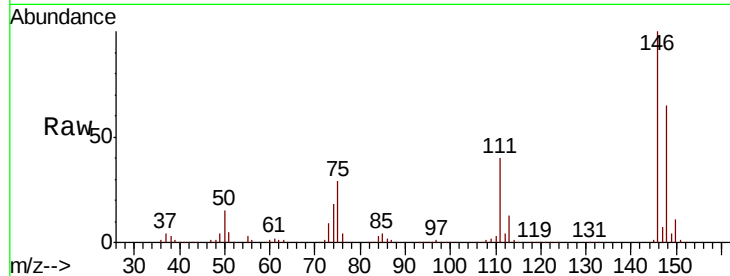
#13
 1,4-Dichlorobenzene
 Concen: 39.078 ng
 RT: 6.63 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF115186.D
 Acq: 25 Jun 2019 14:41

Instrument :
 BNA_F
 ClientSampled :
 PB120785BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.9	77.9
111	40.0	31.4	47.0

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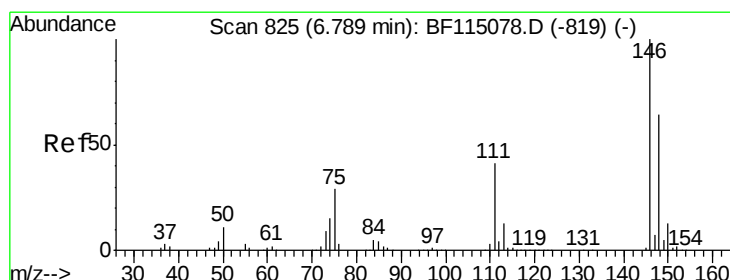
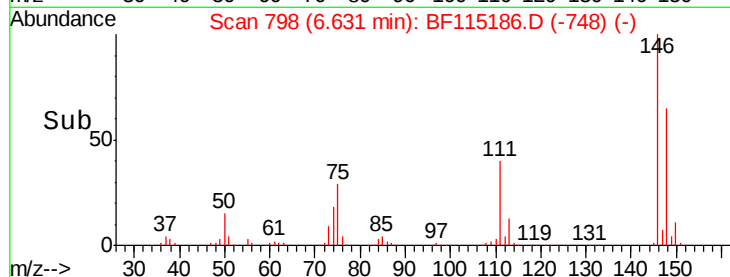
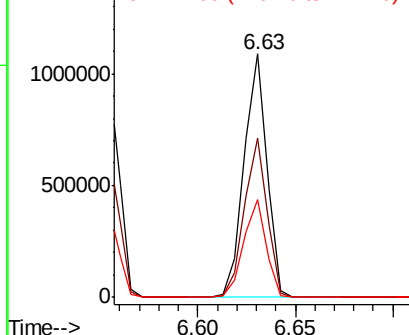


Abundance

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: 39.185 ng
 RT: 6.78 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF115186.D
 Acq: 25 Jun 2019 14:41

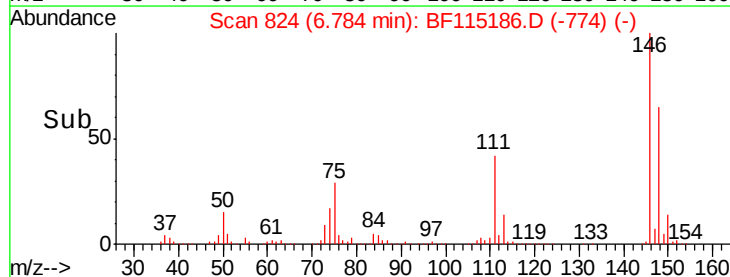
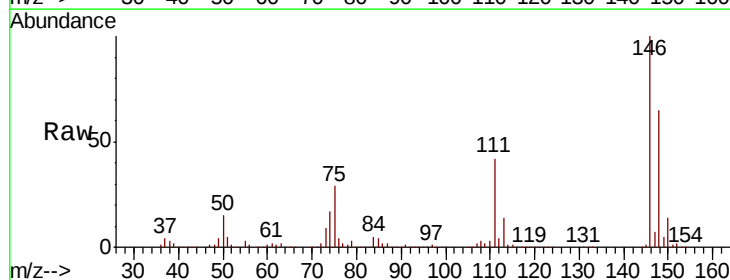
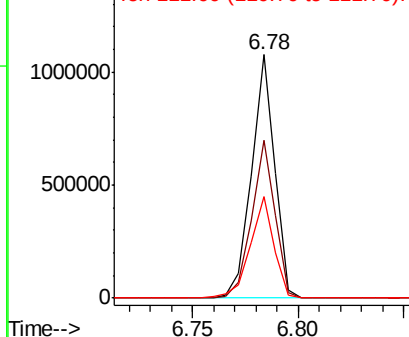
Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.1	76.7
111	41.8	33.2	49.8

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: 33.763 ng

RT: 6.76 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

Instrument :

BNA_F

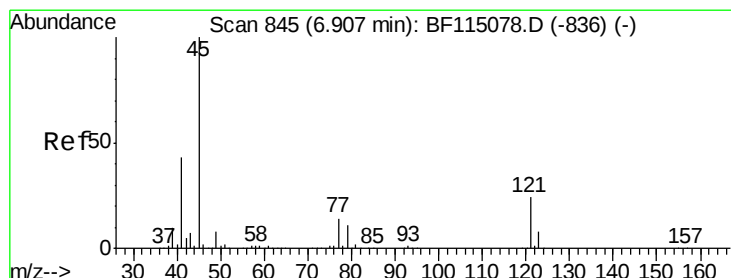
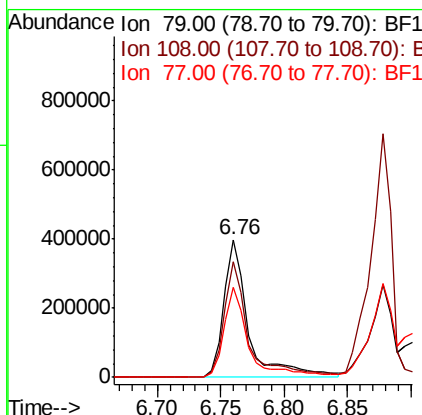
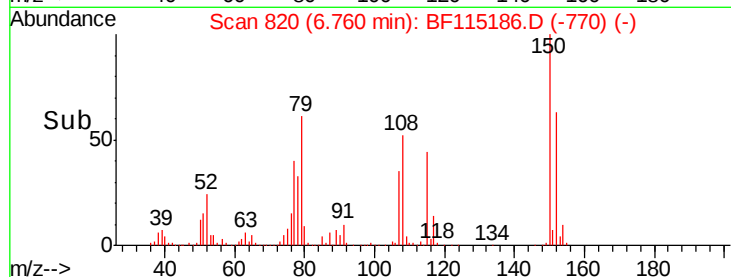
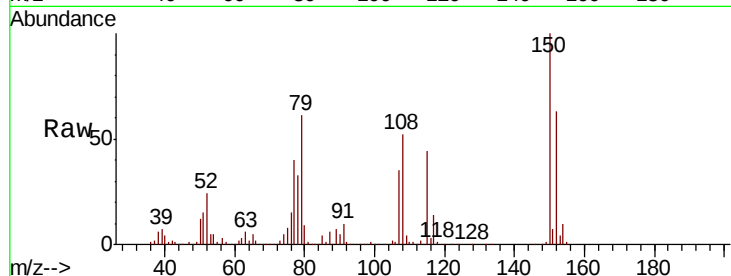
ClientSampleID :

PB120785BS

Tot Ion:	79	Resp:	540390
Ion Ratio	Lower	Upper	
79	100		
108	84.3	68.7	103.1
77	65.4	51.7	77.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.001 ng

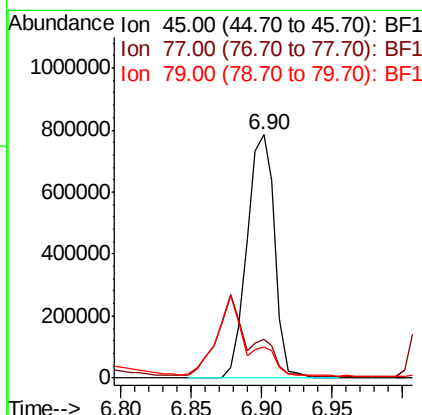
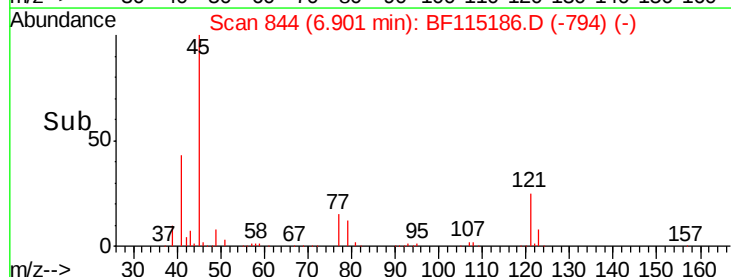
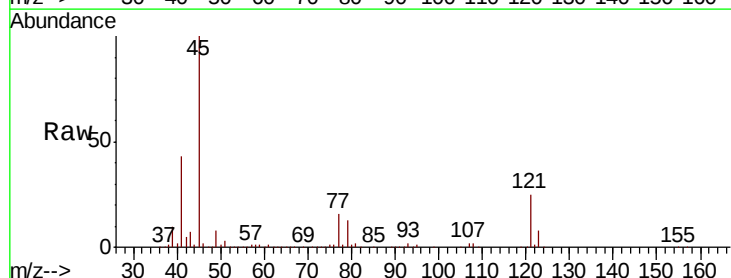
RT: 6.90 min Scan# 844

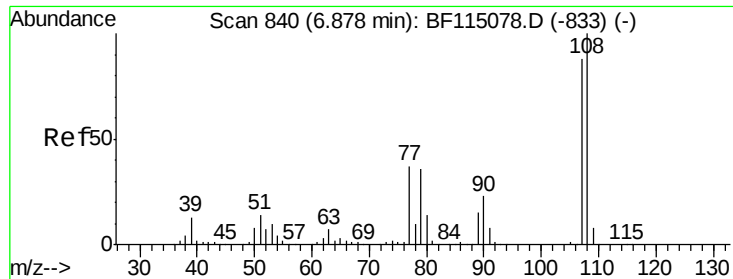
Delta R.T. -0.01 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

Tgt Ion:	45	Resp:	1073574
Ion Ratio	Lower	Upper	
45	100		
77	16.0	0.0	34.6
79	12.9	0.0	31.2





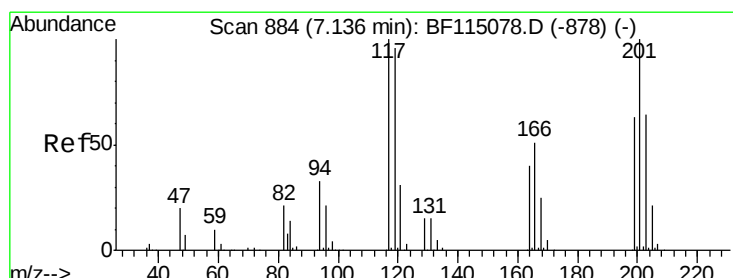
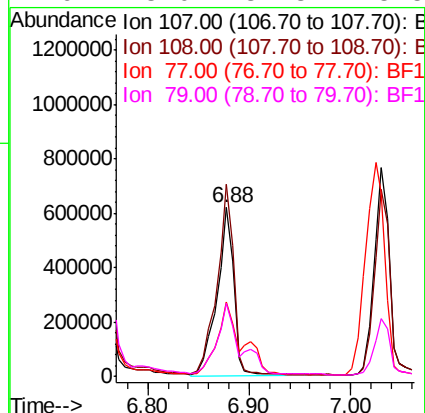
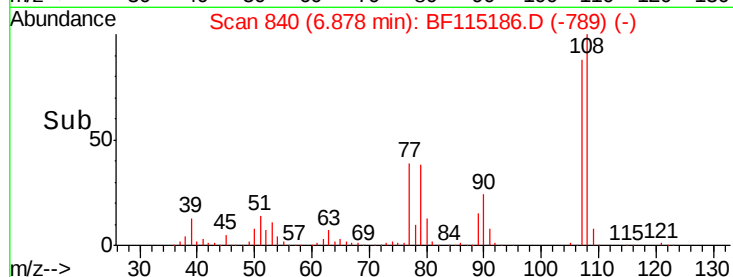
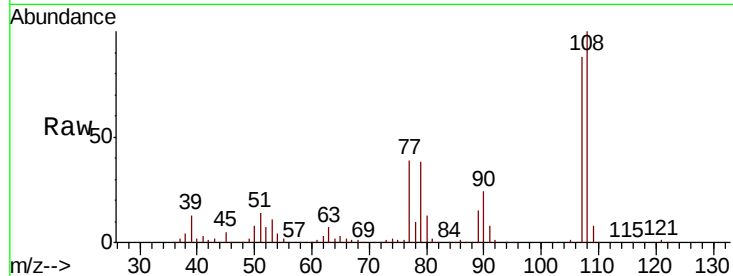
#17
2-Methylphenol
Concen: 43.015 ng
RT: 6.88 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Instrument :
BNA_F
ClientSampleId :
PB120785BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.3	90.9	136.3
77	43.7	33.4	50.2
79	43.0	32.3	48.5

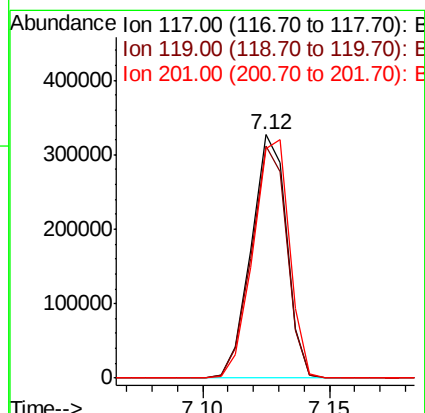
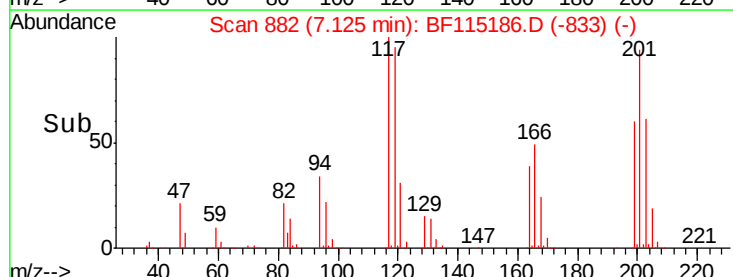
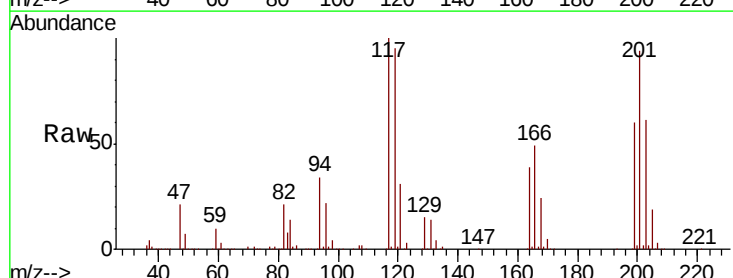
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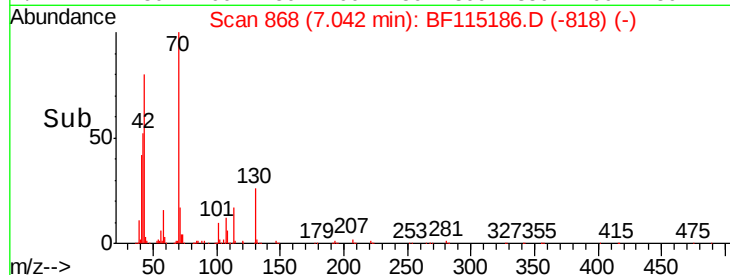
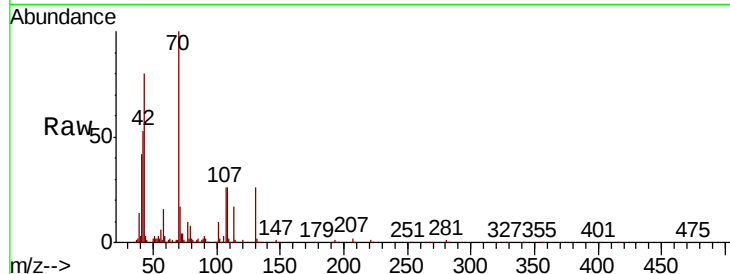
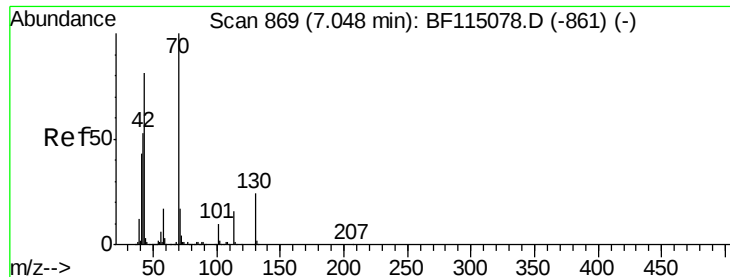
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#18
Hexachloroethane
Concen: 38.944 ng
RT: 7.12 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.6	114.8
201	94.4	80.2	120.2





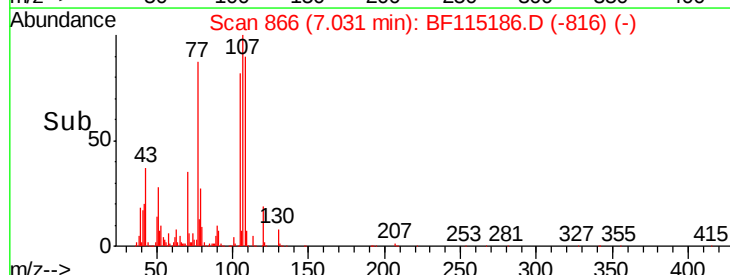
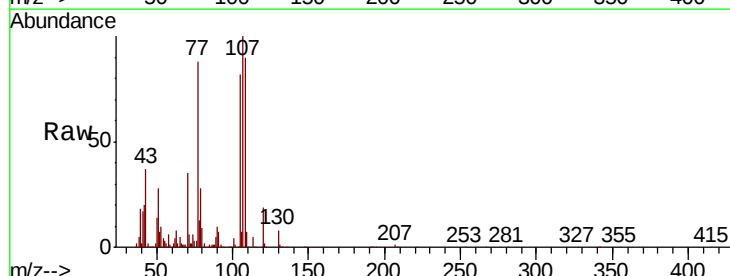
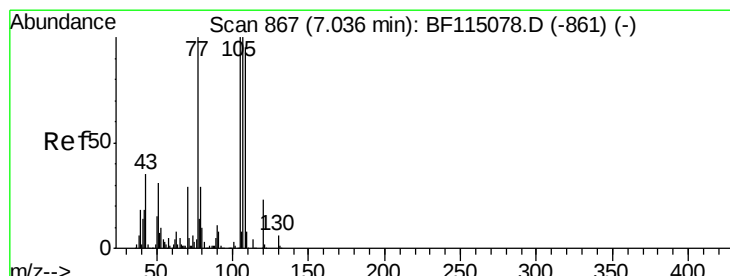
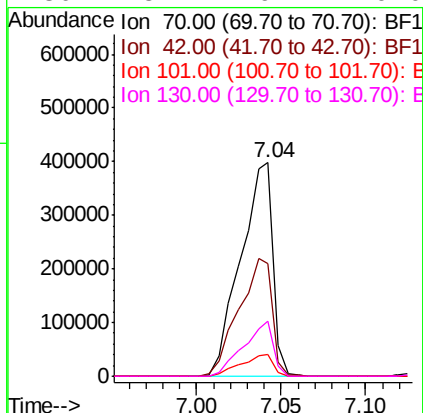
#19
n-Nitroso-di-n-propylamine
Concen: 37.744 ng
RT: 7.04 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Instrument :
BNA_F
ClientSampleId :
PB120785BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.6	42.6	63.8	
101	10.3	8.0	12.0	
130	25.7	19.4	29.0	

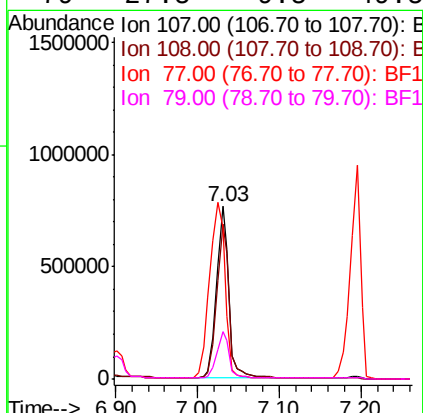
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#20
3+4-Methylphenols
Concen: 42.309 ng
RT: 7.03 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.7	75.5	115.5	
77	87.5	80.2	120.2	
79	27.5	9.5	49.5	





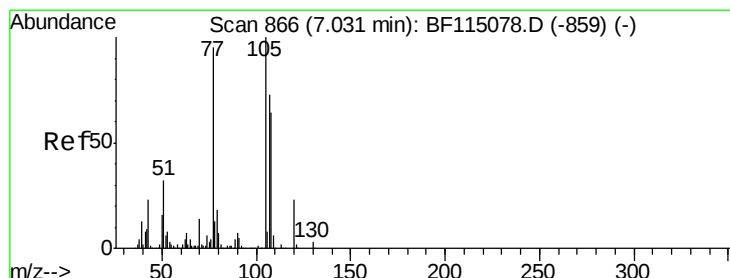
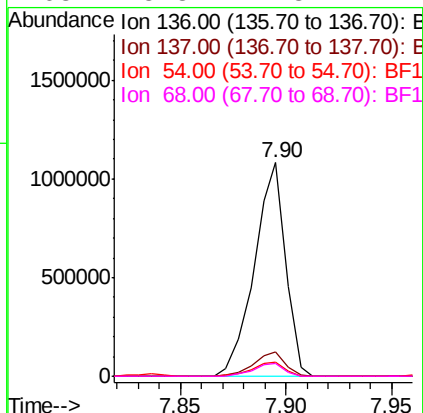
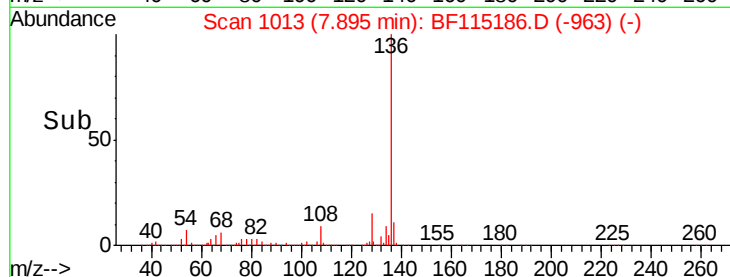
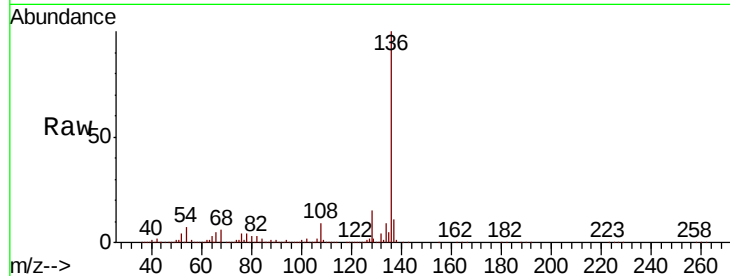
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Instrument :
BNA_F
ClientSampleId :
PB120785BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		1113435		
137	11.1	8.9	13.3		
54	6.5	5.6	8.4		
68	5.8	4.8	7.2		

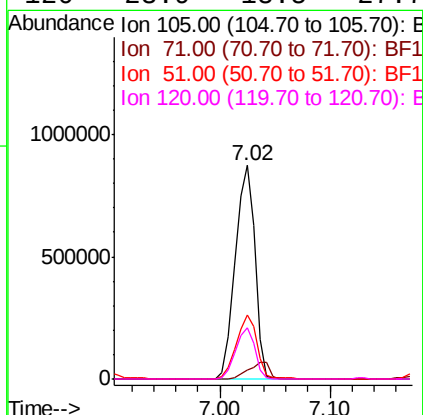
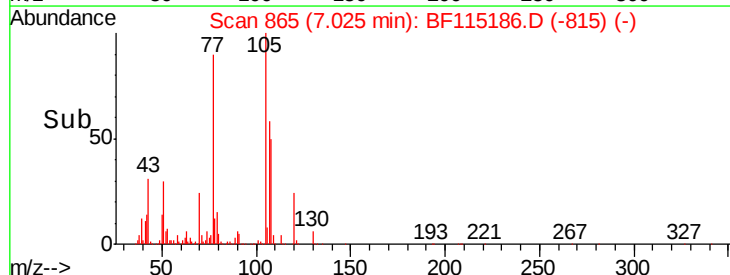
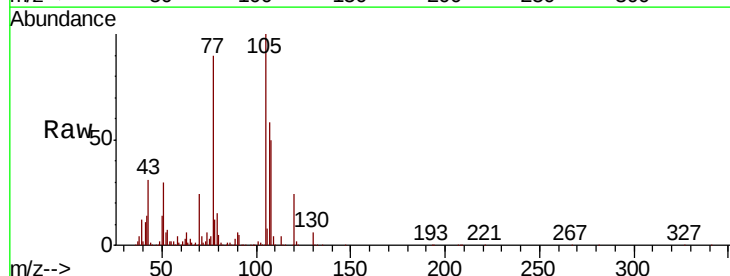
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#22
Acetophenone
Concen: 43.116 ng
RT: 7.02 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		1099037		
71	4.1	1.9	2.9#		
51	30.1	25.8	38.8		
120	23.9	18.5	27.7		





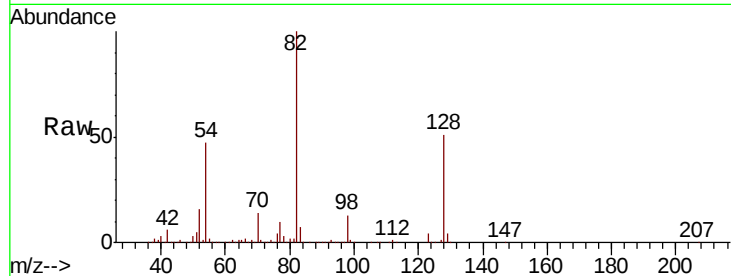
#23
 Nitrobenzene-d5
 Concen: 82.985 ng
 RT: 7.18 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF115186.D
 Acq: 25 Jun 2019 14:41

Instrument :
 BNA_F
 ClientSampleId :
 PB120785BS

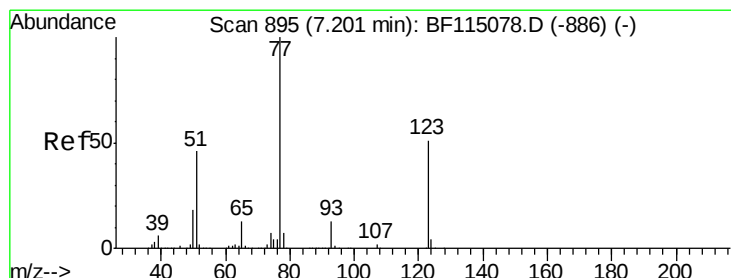
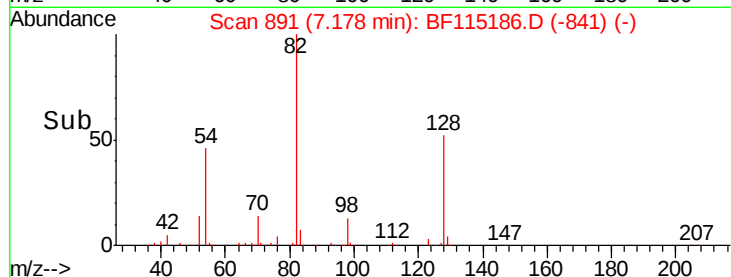
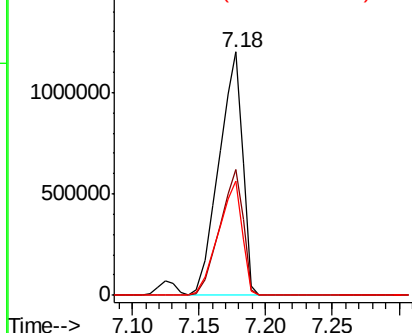
Tot Ion	Ratio	Lower	Upper
82	100		
128	51.5	40.4	60.6
54	46.8	37.5	56.3

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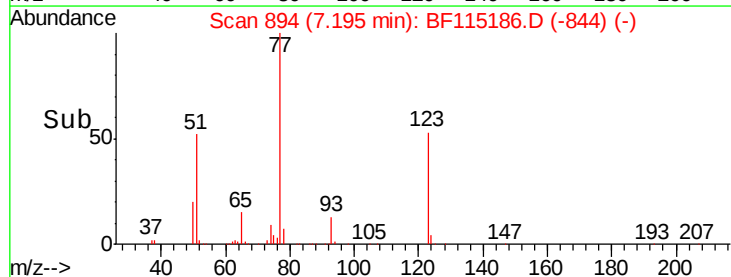
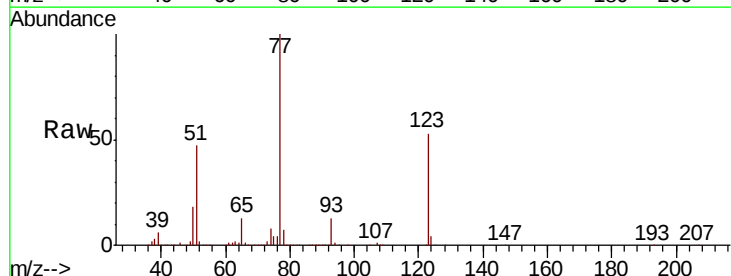
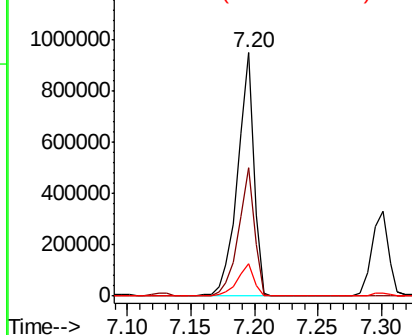
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



#24
 Nitrobenzene
 Concen: 41.935 ng
 RT: 7.20 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF115186.D
 Acq: 25 Jun 2019 14:41

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.9	41.0	61.6
65	13.5	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





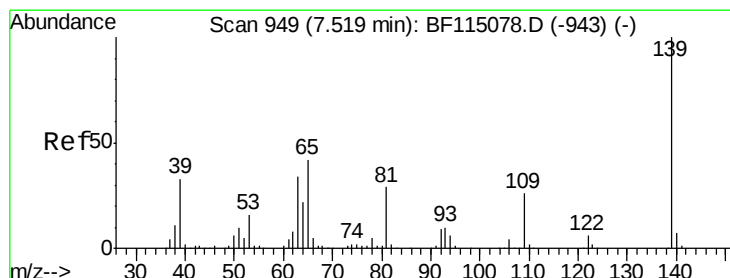
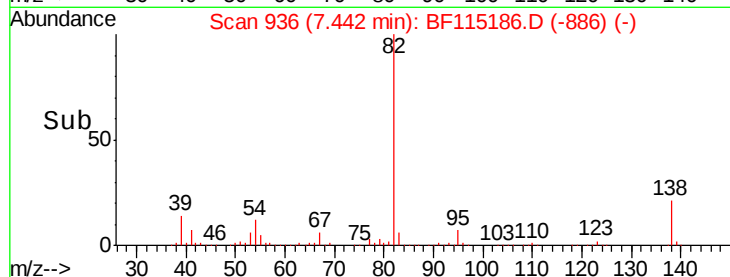
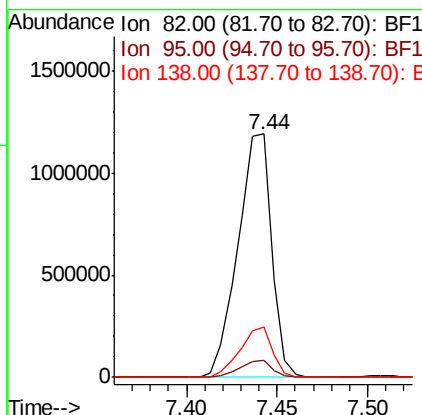
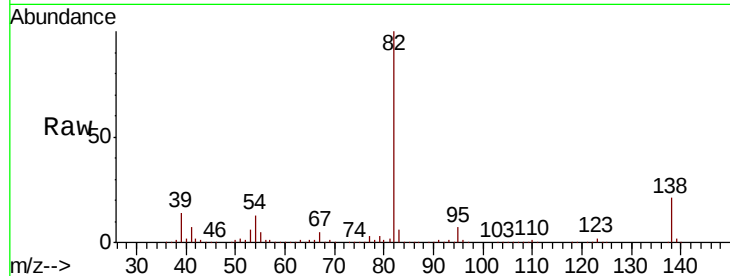
#25
Isophorone
Concen: 41.653 ng
RT: 7.44 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Instrument :
BNA_F
ClientSampleId :
PB120785BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.4	8.2
138	20.8	15.9	23.9

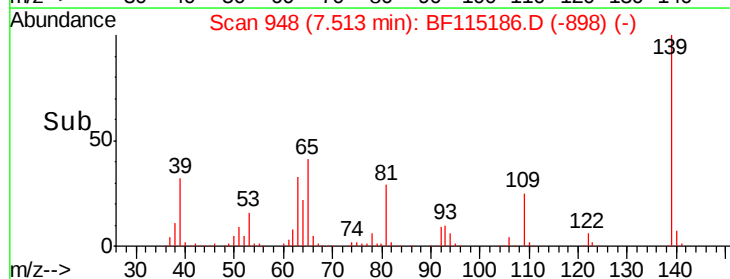
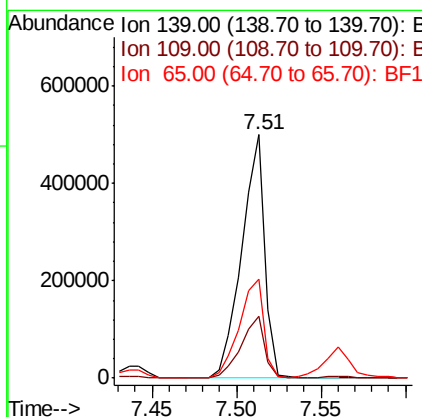
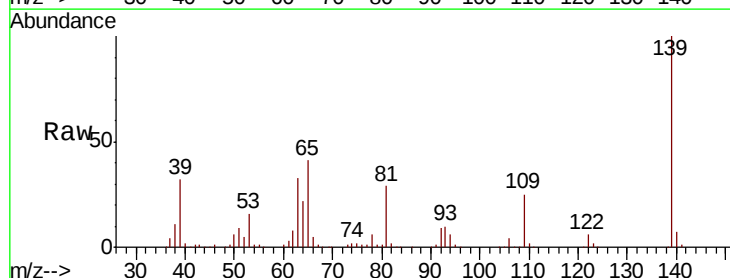
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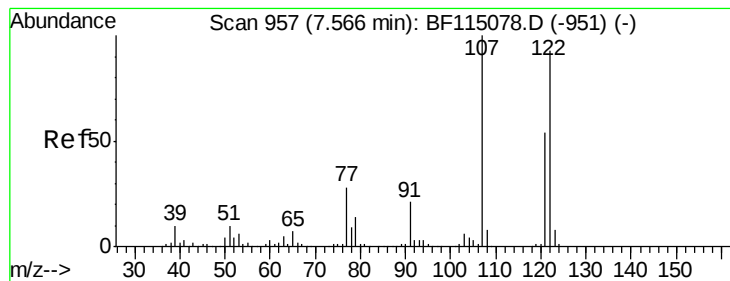
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#26
2-Nitrophenol
Concen: 48.476 ng
RT: 7.51 min Scan# 948
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Tgt Ion	Ratio	Lower	Upper
139	100		
109	25.3	20.4	30.6
65	40.8	33.6	50.4





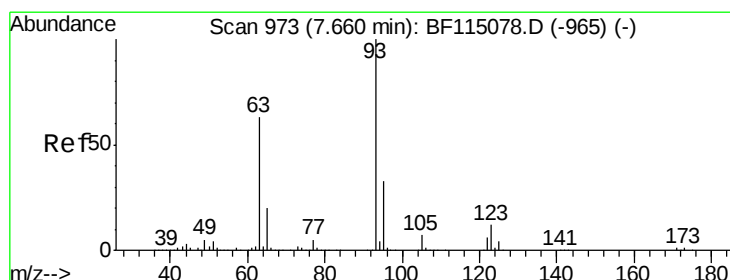
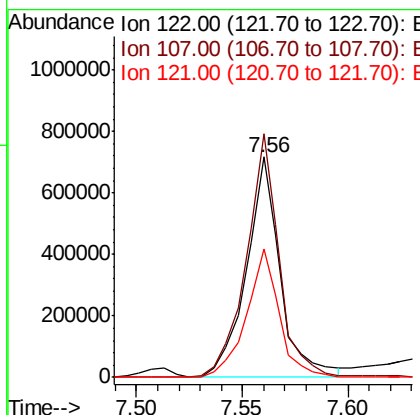
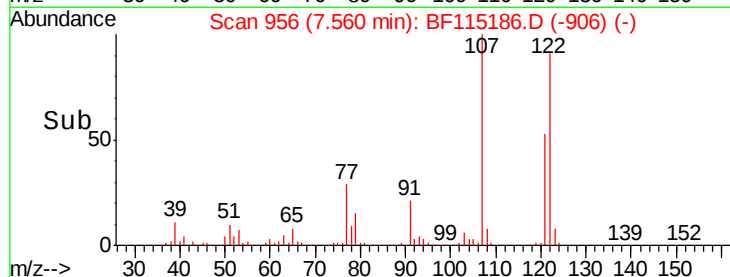
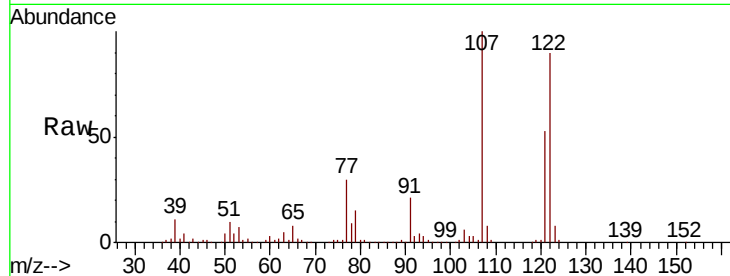
#27
2,4-Dimethylphenol
Concen: 49.478 ng
RT: 7.56 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Instrument :
BNA_F
ClientSampleId :
PB120785BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.5	85.8	128.6
121	58.3	46.3	69.5

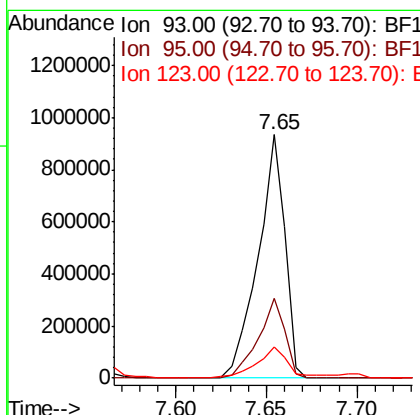
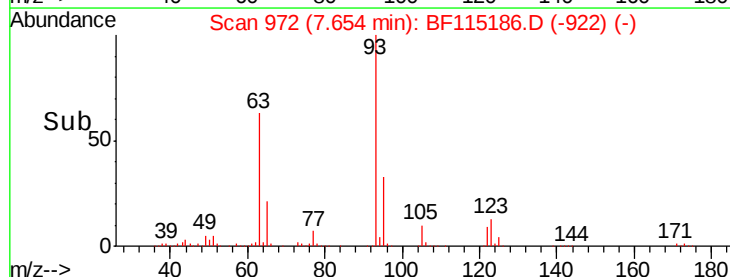
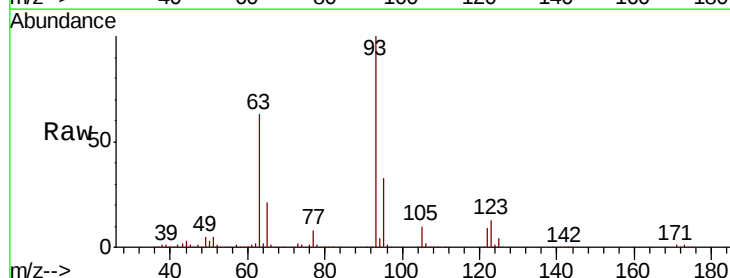
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#28
bis(2-Chloroethoxy)methane
Concen: 41.181 ng
RT: 7.65 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.2	39.4
123	12.9	9.7	14.5





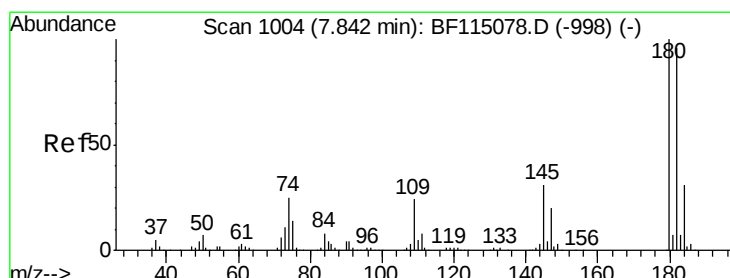
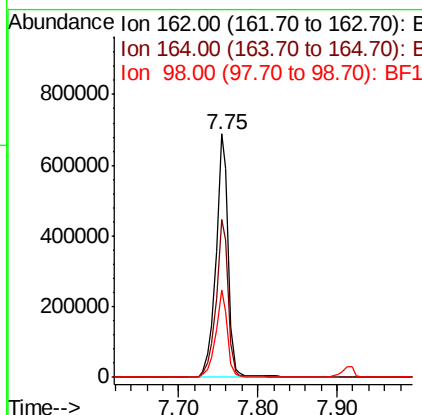
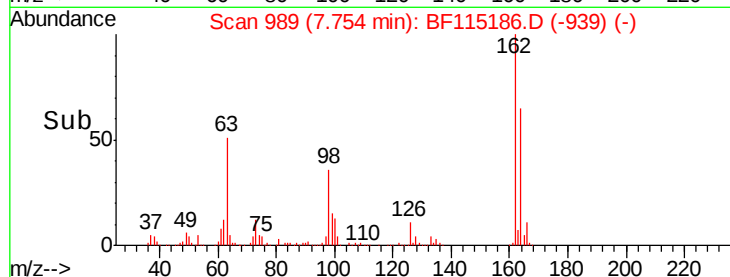
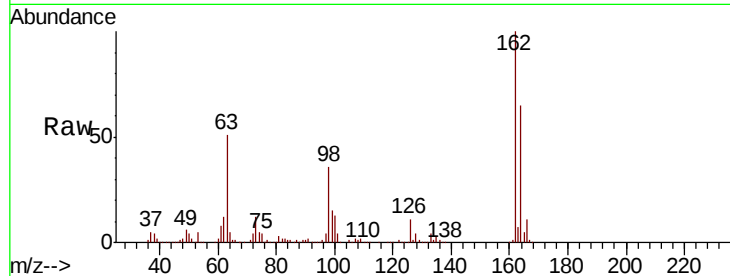
#29
2,4-Dichlorophenol
Concen: 44.412 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Instrument :
BNA_F
ClientSampleId :
PB120785BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	738970		
164	64.8	45.3	85.3	
98	36.1	12.5	52.5	

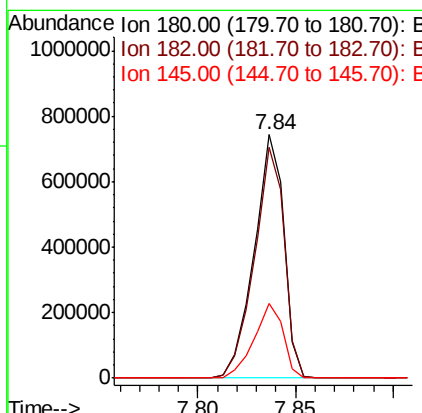
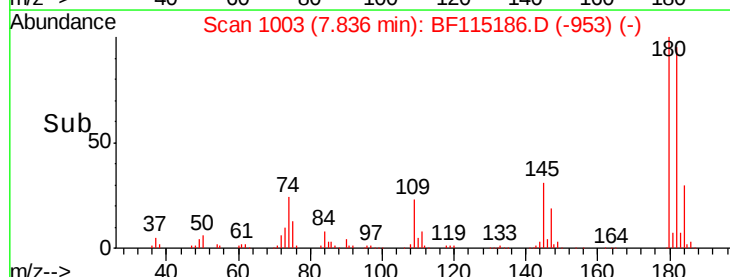
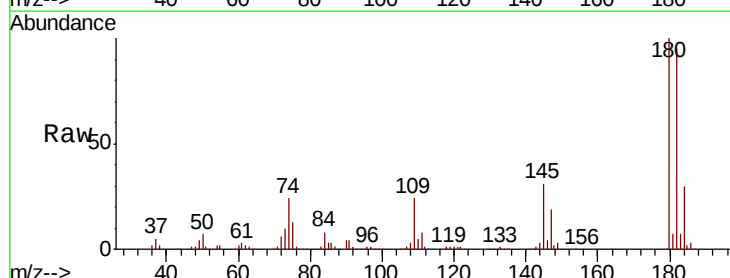
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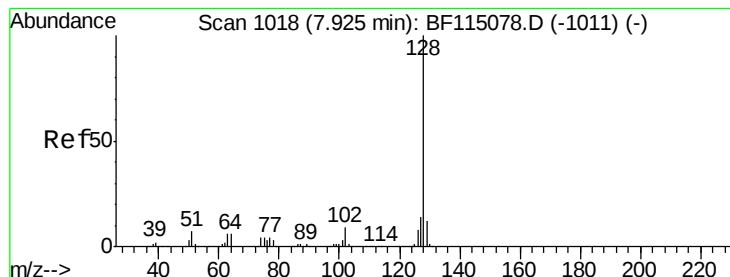
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#30
1,2,4-Trichlorobenzene
Concen: 42.576 ng
RT: 7.84 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	782503		
182	94.7	76.4	114.6	
145	30.5	24.8	37.2	





#31

Naphthalene

Concen: 42.767 ng

RT: 7.92 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

Instrument :

BNA_F

ClientSampleId :

PB120785BS

Tot Ion:128 Resp: 2337476

Ion Ratio Lower Upper

128 100

129 11.7 9.6 14.4

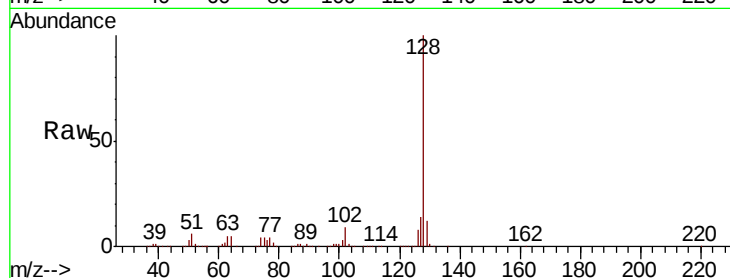
127 14.2 11.4 17.0

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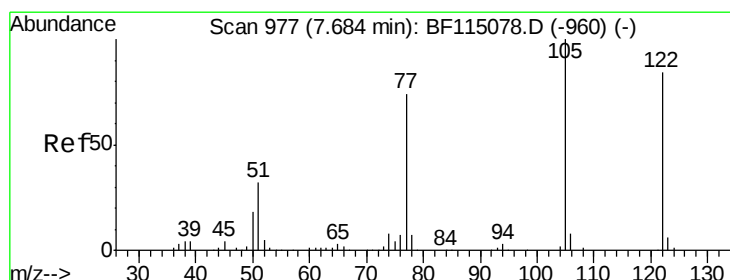
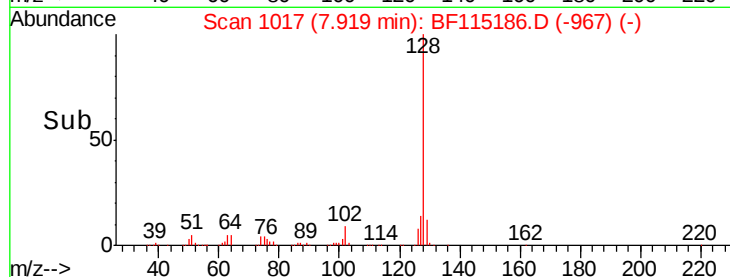
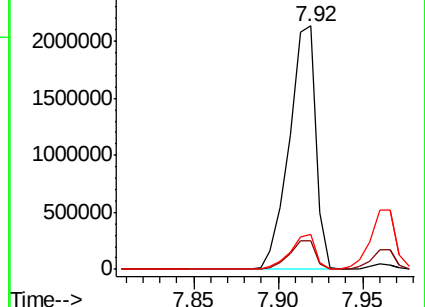
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 51.923 ng

RT: 7.70 min Scan# 980

Delta R.T. 0.02 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

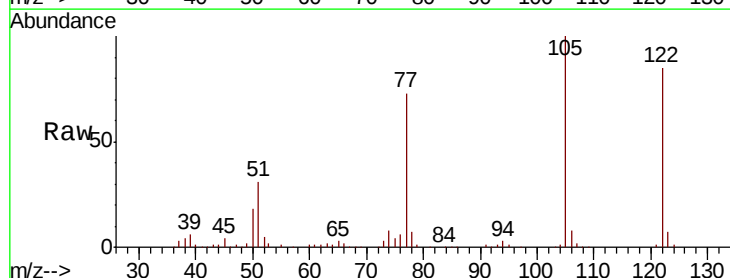
Tgt Ion:122 Resp: 597582

Ion Ratio Lower Upper

122 100

105 118.1 98.2 138.2

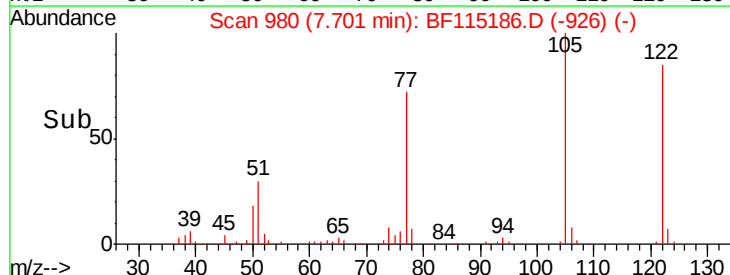
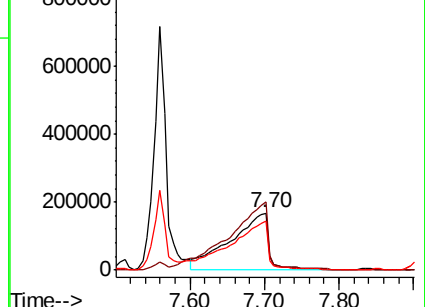
77 86.2 67.0 107.0

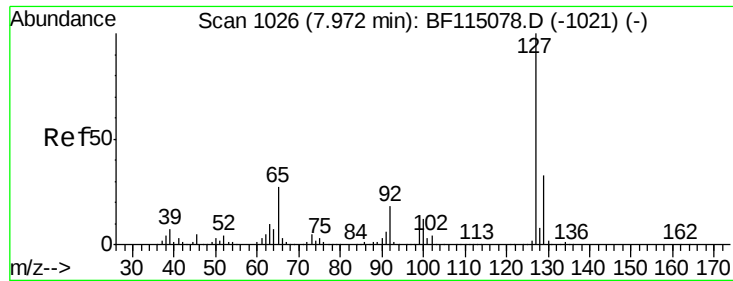


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





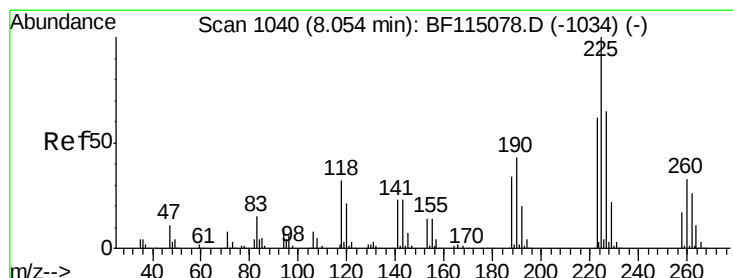
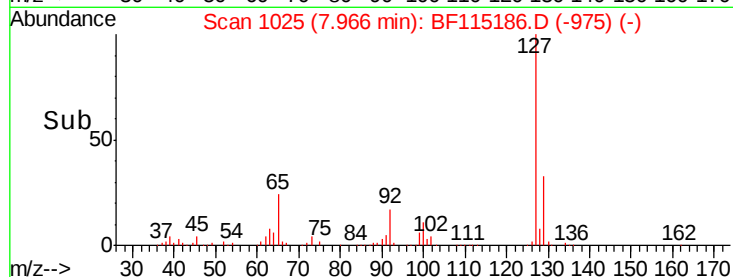
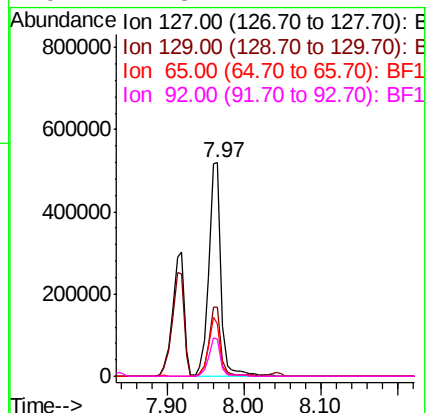
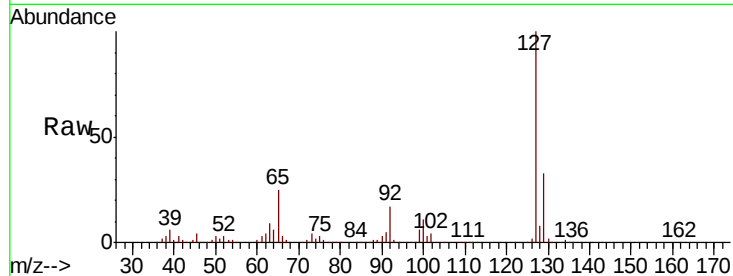
#33
4-Chloroaniline
Concen: 22.940 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Instrument :
BNA_F
ClientSampleId :
PB120785BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		573019		
129	32.6	26.1	39.1		
65	24.6	21.4	32.2		
92	17.3	14.1	21.1		

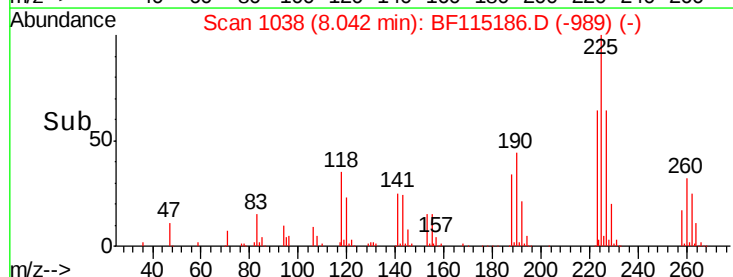
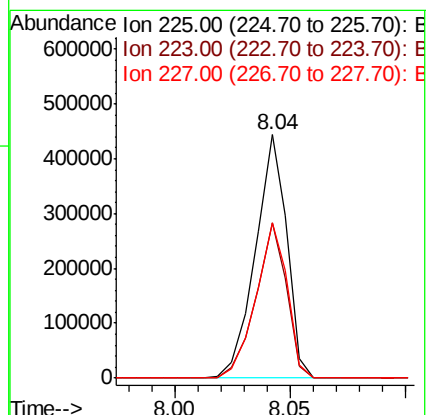
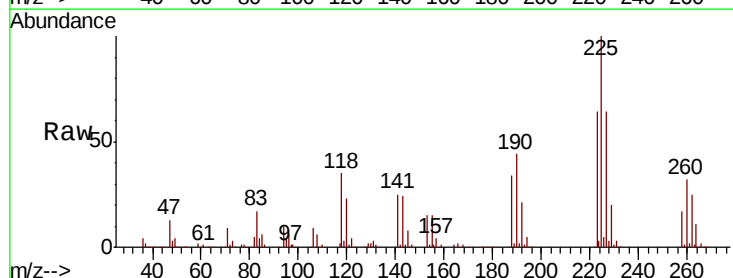
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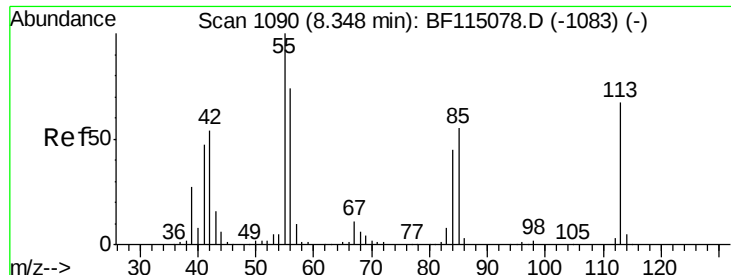
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#34
Hexachlorobutadiene
Concen: 41.803 ng
RT: 8.04 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		421033		
223	63.9	49.4	74.2		
227	63.7	51.8	77.8		





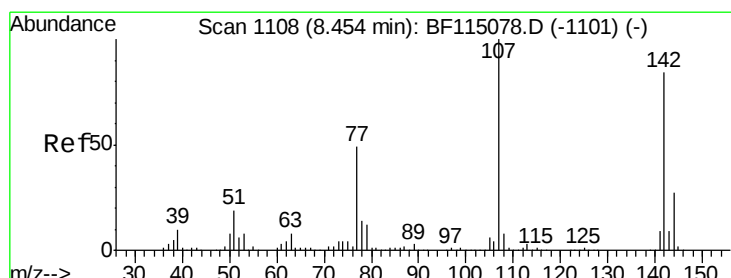
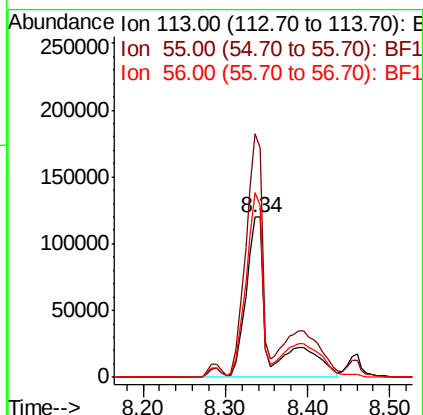
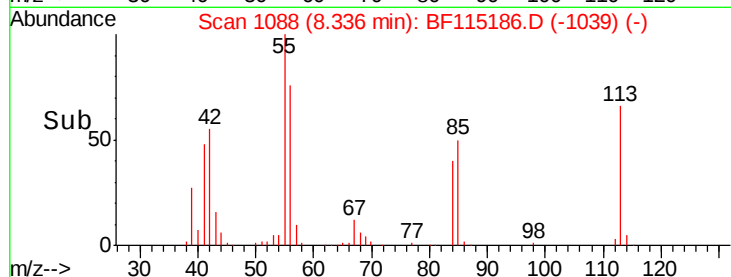
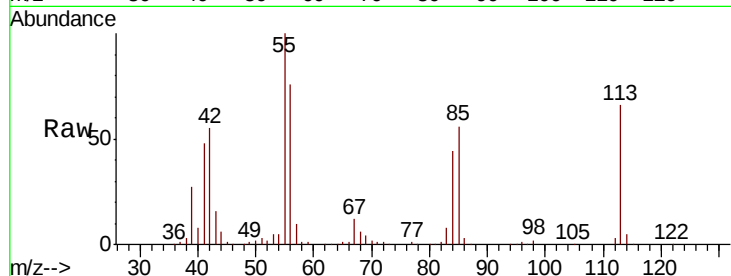
#35
Caprolactam
Concen: 43.789 ng/ml
RT: 8.34 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Instrument :
BNA_F
ClientSampleId :
PB120785BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	152.0	130.2	170.2
56	114.9	91.6	131.6

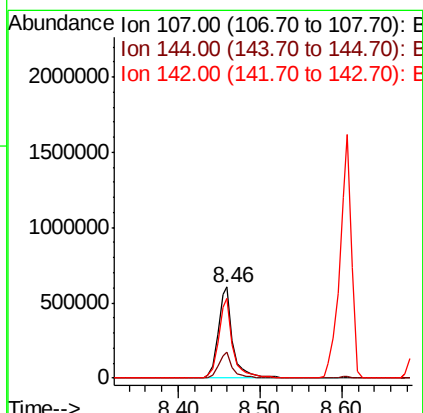
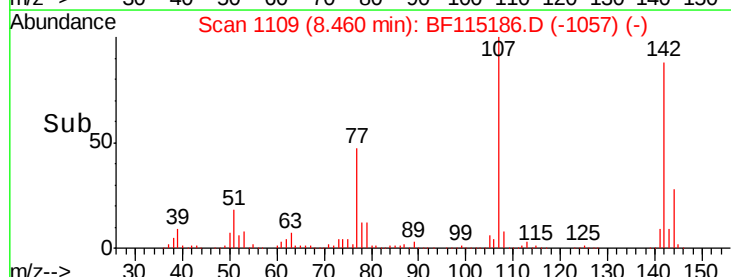
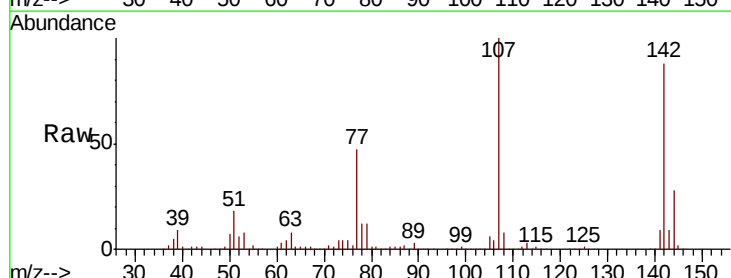
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#36
4-Chloro-3-methylphenol
Concen: 44.567 ng
RT: 8.46 min Scan# 1109
Delta R.T. 0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.2	21.7	32.5
142	87.9	67.0	100.4





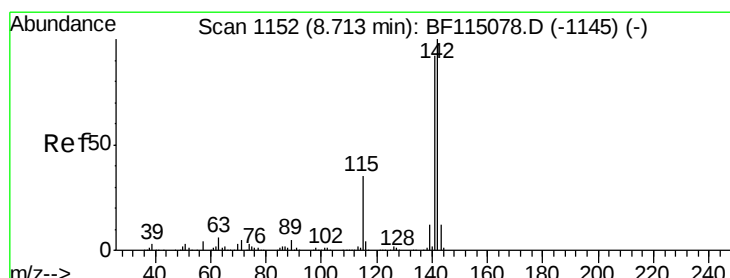
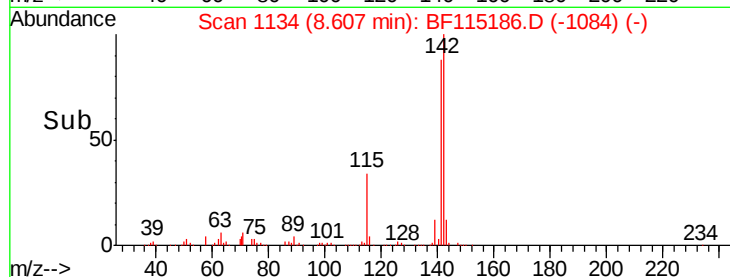
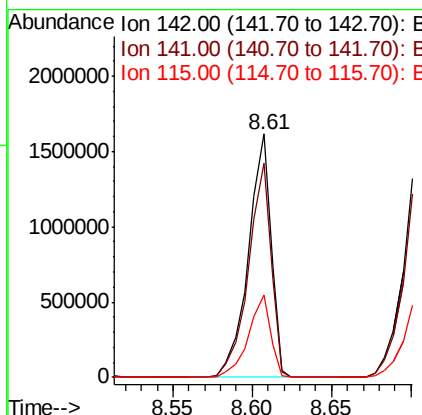
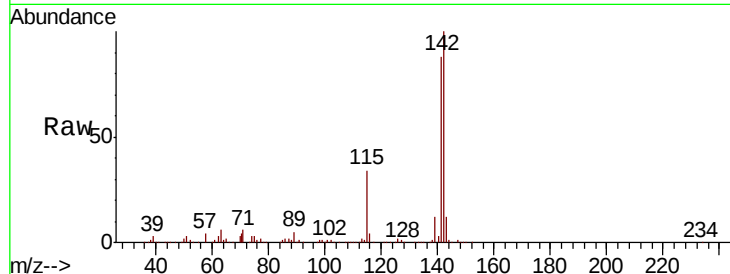
#37
2-Methylnaphthalene
Concen: 43.494 ng
RT: 8.61 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Instrument :
BNA_F
ClientSampleId :
PB120785BS

Tot Ion:142 Resp: 1602833
Ion Ratio Lower Upper
142 100
141 88.1 69.8 104.6
115 34.0 26.7 40.1

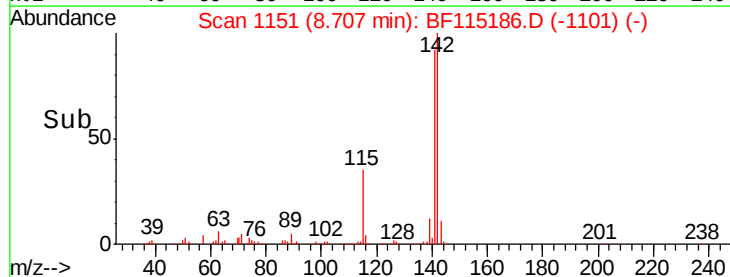
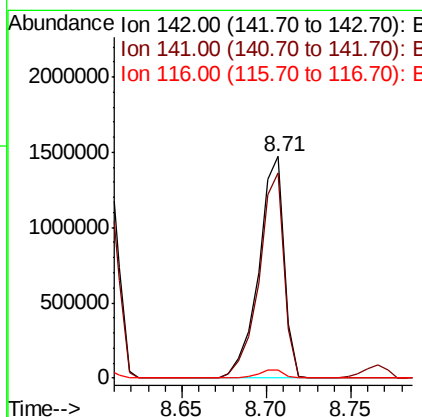
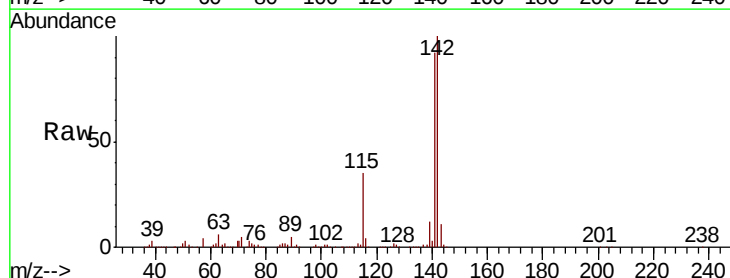
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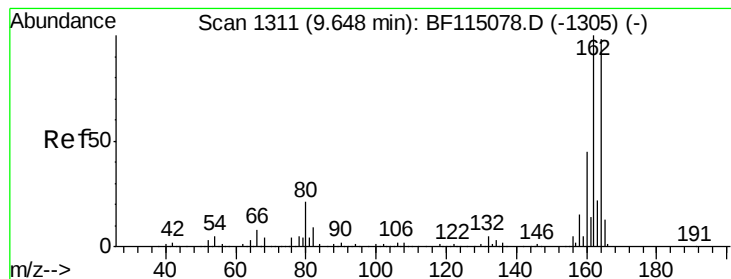
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#38
1-Methylnaphthalene
Concen: 43.349 ng
RT: 8.71 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Tgt Ion:142 Resp: 1525706
Ion Ratio Lower Upper
142 100
141 92.5 73.8 110.8
116 3.6 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.64 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

Instrument :

BNA_F

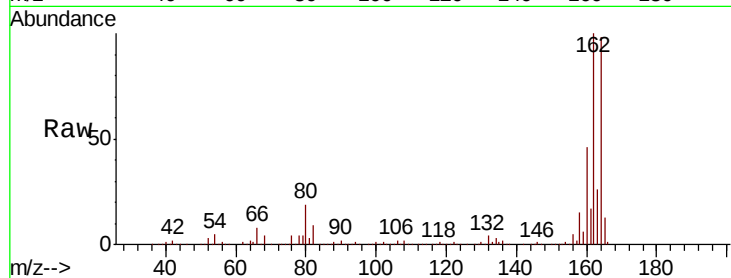
ClientSampleId :

PB120785BS

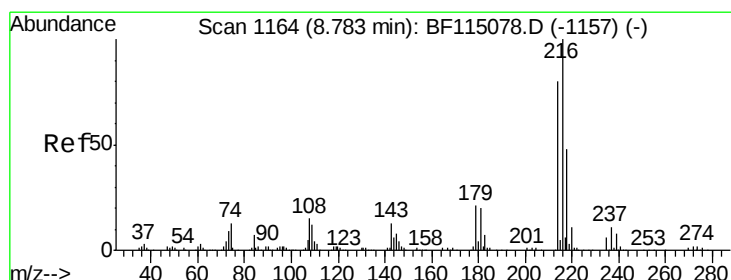
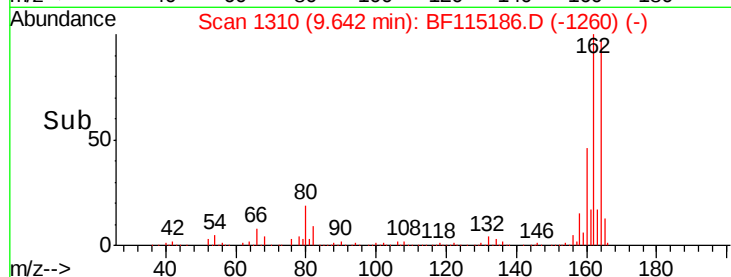
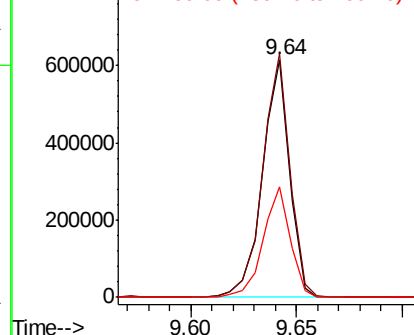
Tot Ion:	164	Resp:	548925
Ion Ratio	Lower	Upper	
164	100		
162	102.4	81.7	122.5
160	46.7	37.0	55.4

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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: 43.122 ng

RT: 8.78 min Scan# 1163

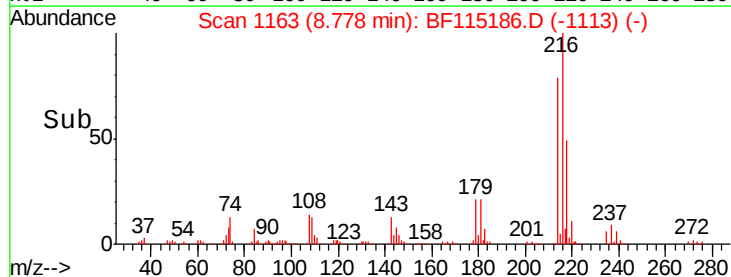
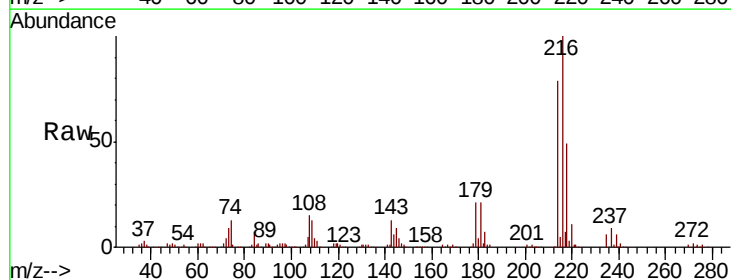
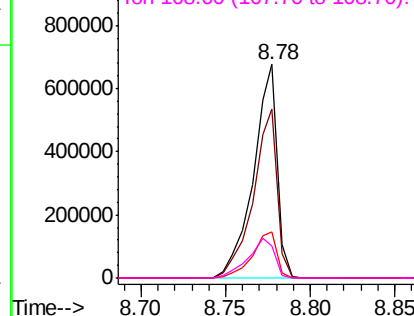
Delta R.T. -0.01 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

Tgt Ion:	216	Resp:	668888
Ion Ratio	Lower	Upper	
216	100		
214	79.2	63.8	95.6
179	22.4	17.6	26.4
108	20.6	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: 76.790 ng

RT: 8.77 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

Instrument :

BNA_F

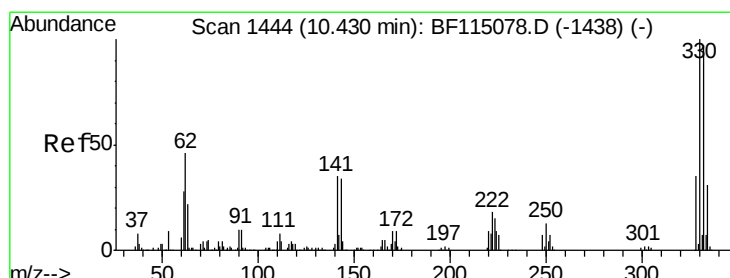
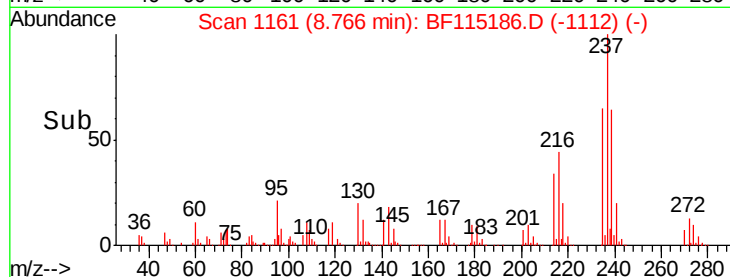
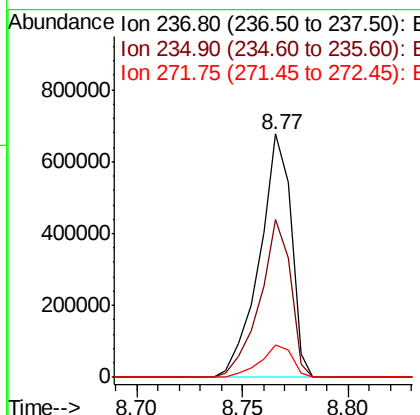
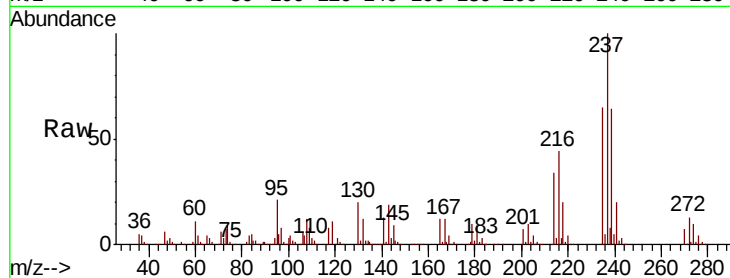
ClientSampleId :

PB120785BS

Tot Ion:	237	Resp:	706307
Ion Ratio		Lower	Upper
237	100		
235	65.0	43.9	83.9
272	13.1	0.0	33.8

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#42

2,4,6-Tribromophenol

Concen: 121.152 ng

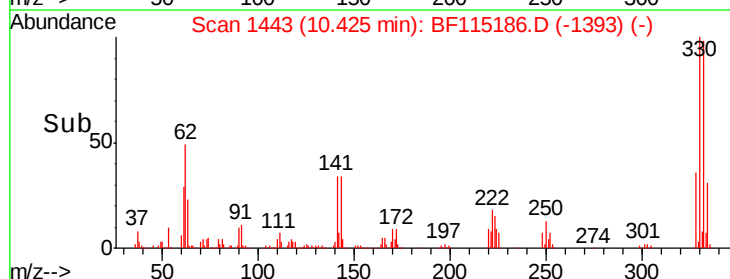
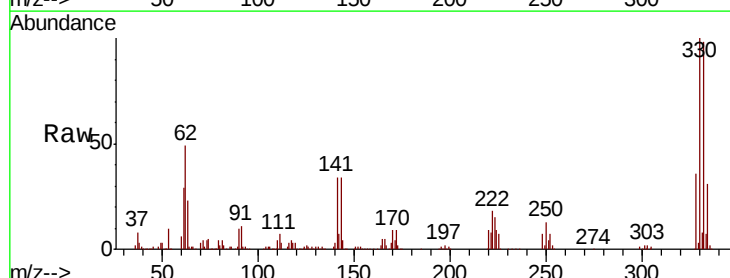
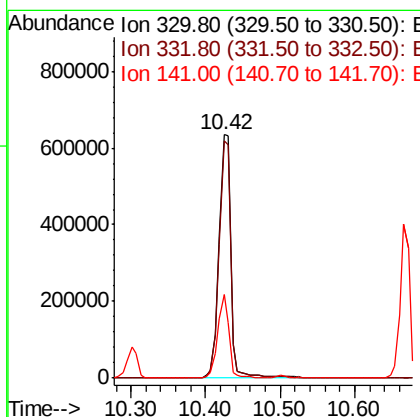
RT: 10.42 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

Tgt Ion:	330	Resp:	701301
Ion Ratio		Lower	Upper
330	100		
332	96.8	77.3	115.9
141	32.2	28.2	42.2





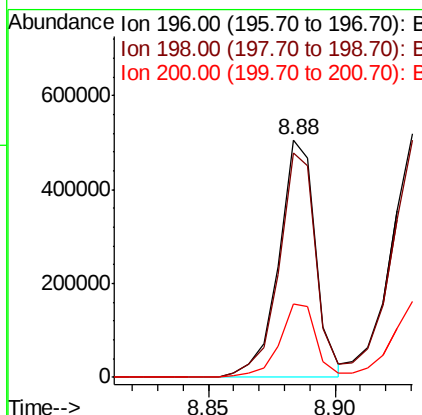
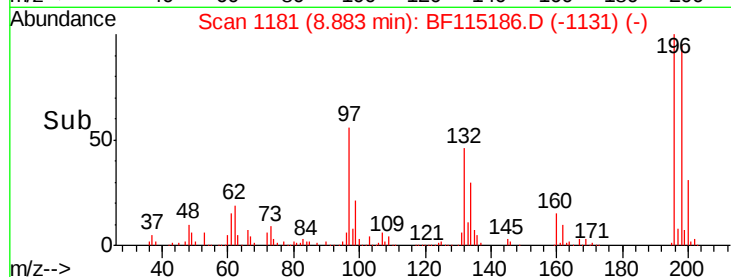
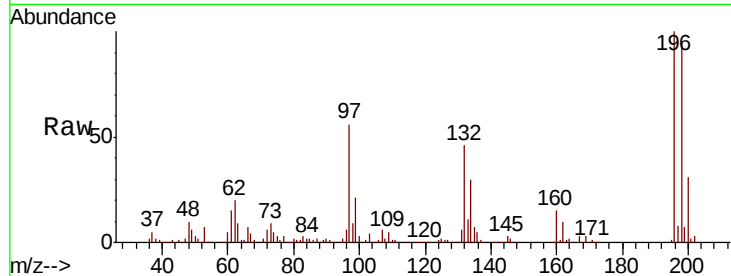
#43
 2,4,6-Trichlorophenol
 Concen: 42.694 ng
 RT: 8.88 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF115186.D
 Acq: 25 Jun 2019 14:41

Instrument :
 BNA_F
 ClientSampleId :
 PB120785BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	511280		
198	94.8	76.3	114.5	
200	30.8	24.2	36.4	

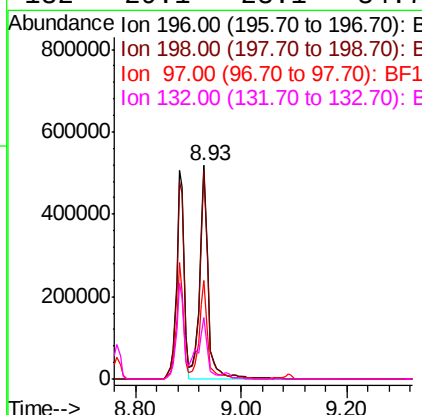
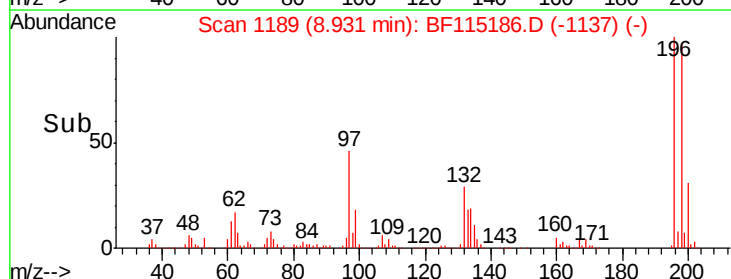
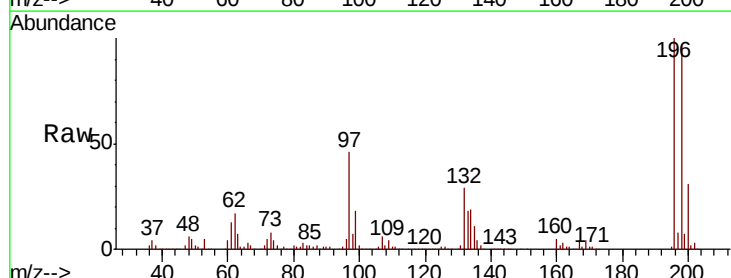
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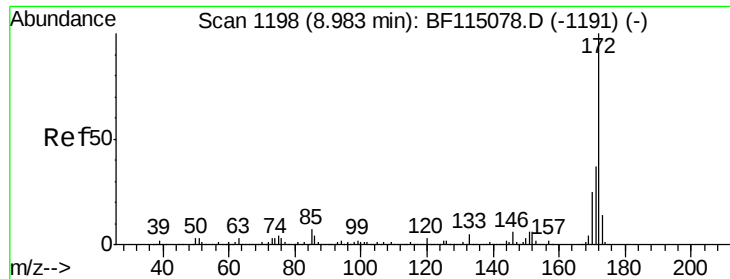
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#44
 2,4,5-Trichlorophenol
 Concen: 47.984 ng
 RT: 8.93 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF115186.D
 Acq: 25 Jun 2019 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	591765		
198	97.4	77.1	115.7	
97	46.1	37.7	56.5	
132	29.1	23.1	34.7	





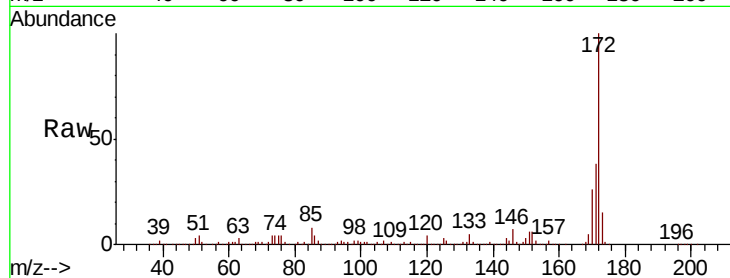
#45
2-Fluorobiphenyl
Concen: 86.009 ng
RT: 8.97 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Instrument :
BNA_F
ClientSampleId :
PB120785BS

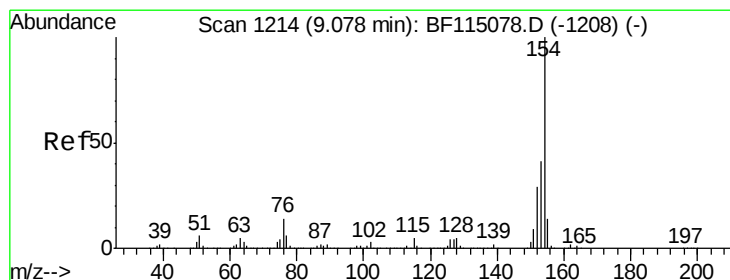
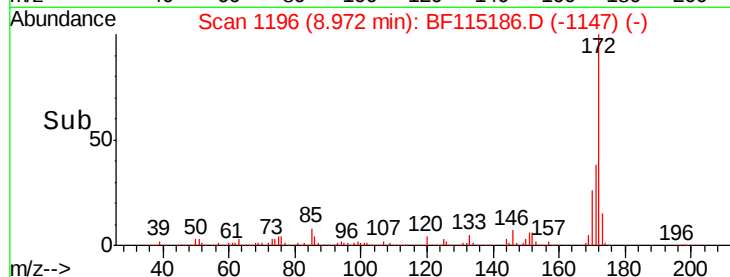
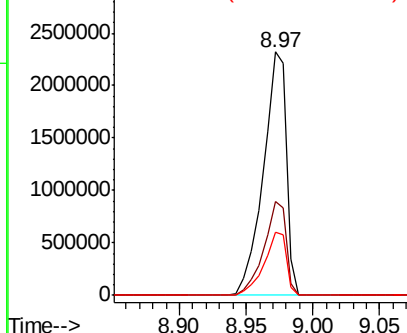
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.4	29.8	44.6
170	26.0	20.3	30.5

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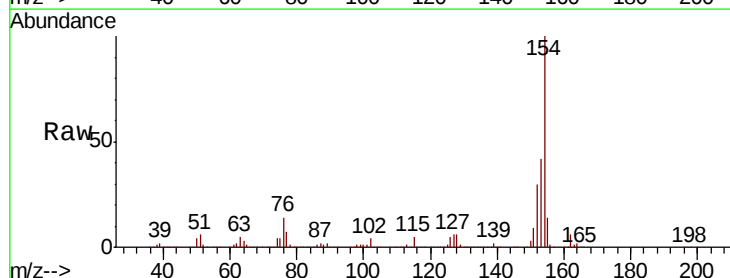


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

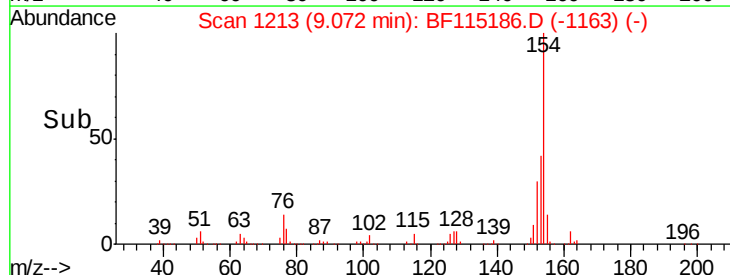
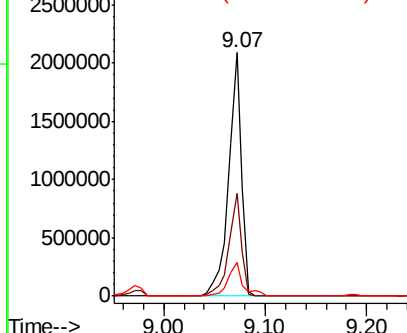


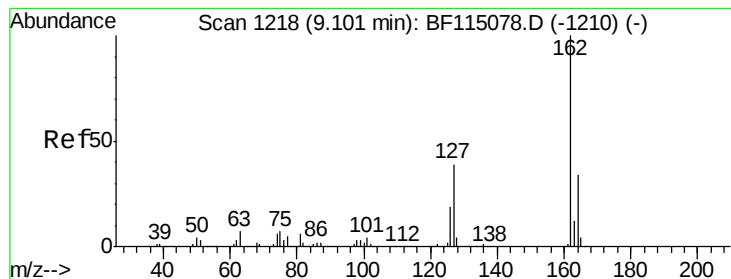
#46
1,1'-Biphenyl
Concen: 41.720 ng
RT: 9.07 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	20.9	60.9
76	13.7	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





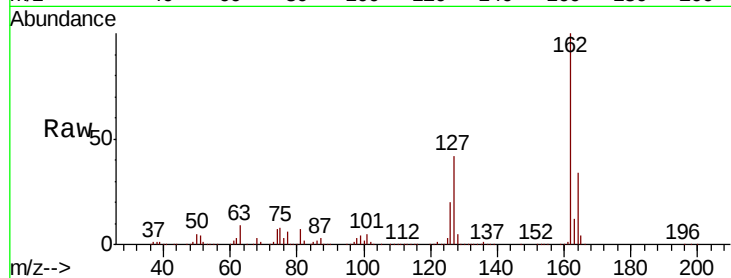
#47
 2-Chloronaphthalene
 Concen: 42.197 ng
 RT: 9.09 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115186.D
 Acq: 25 Jun 2019 14:41

Instrument :
 BNA_F
 ClientSampleId :
 PB120785BS

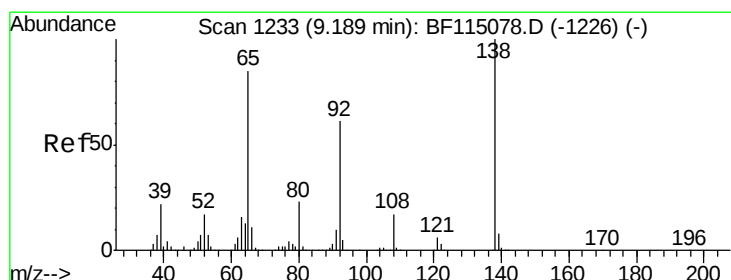
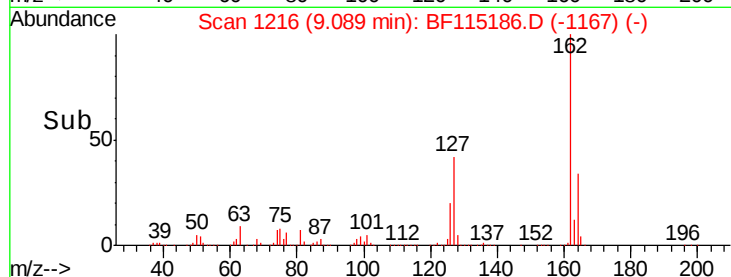
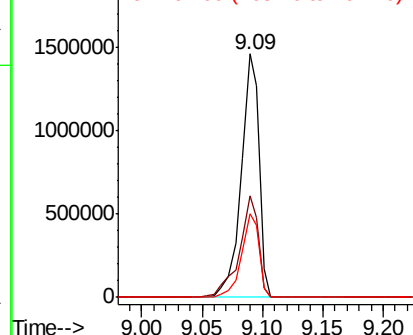
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.9	30.8	46.2
164	34.1	27.0	40.4

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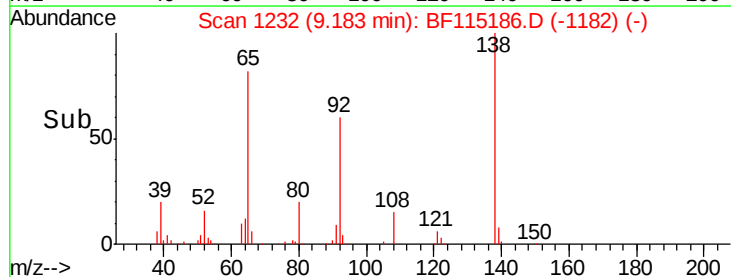
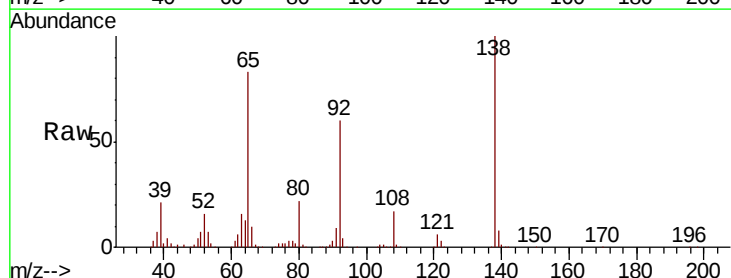
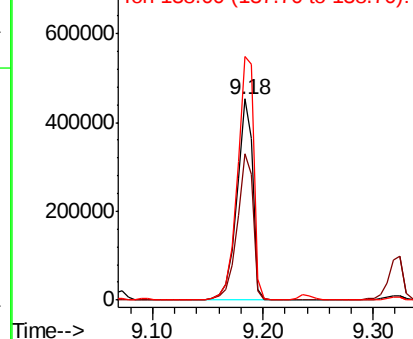
Abundance Ion 162.00 (161.70 to 162.70): E
 2000000
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

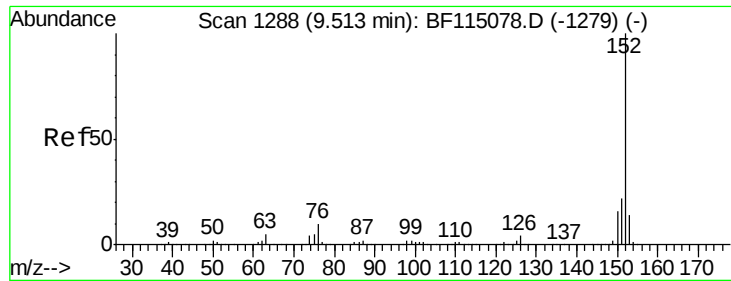


#48
 2-Nitroaniline
 Concen: 43.762 ng
 RT: 9.18 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF115186.D
 Acq: 25 Jun 2019 14:41

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.6	57.4	86.2
138	121.1	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: 41.896 ng

RT: 9.50 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

Instrument :

BNA_F

ClientSampleId :

PB120785BS

Tot Ion:152 Resp: 2325568

Ion Ratio Lower Upper

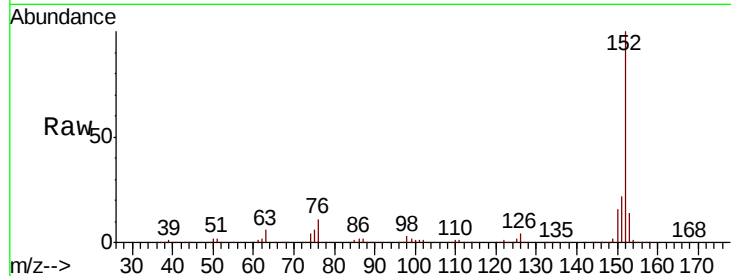
152 100

151 21.7 17.2 25.8

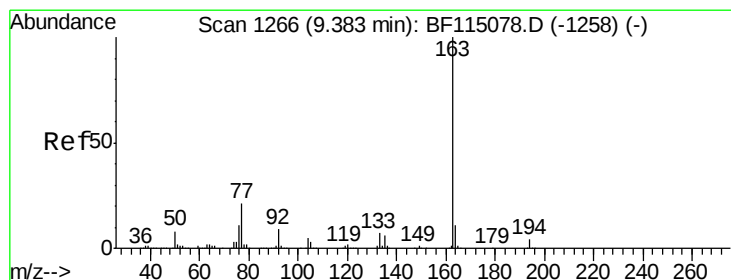
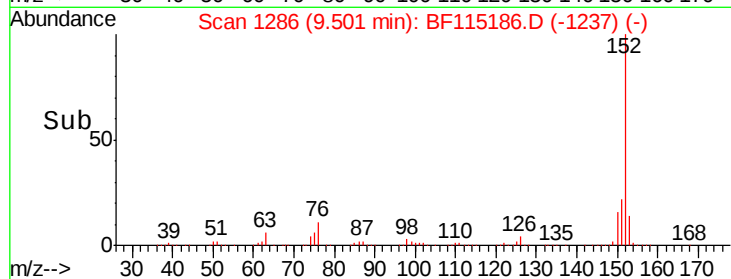
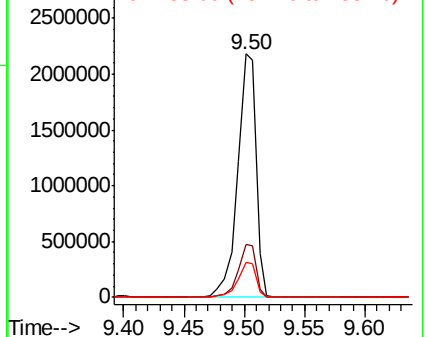
153 14.4 11.0 16.6

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.250 ng

RT: 9.38 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

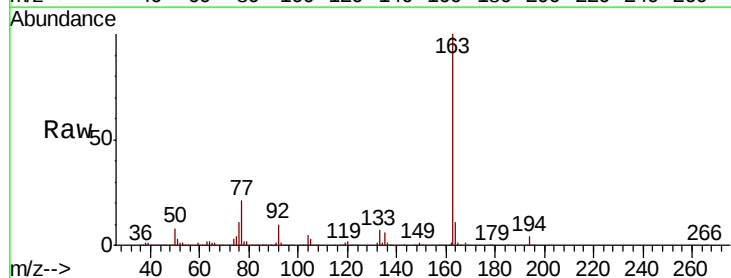
Tgt Ion:163 Resp: 1706285

Ion Ratio Lower Upper

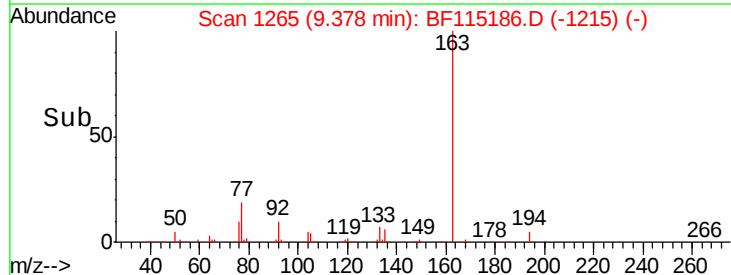
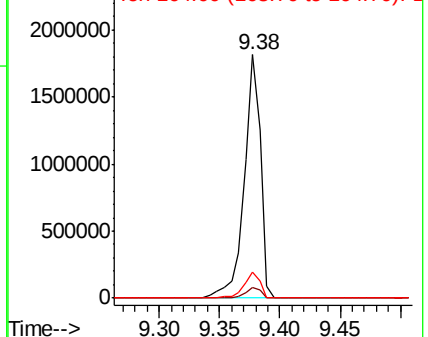
163 100

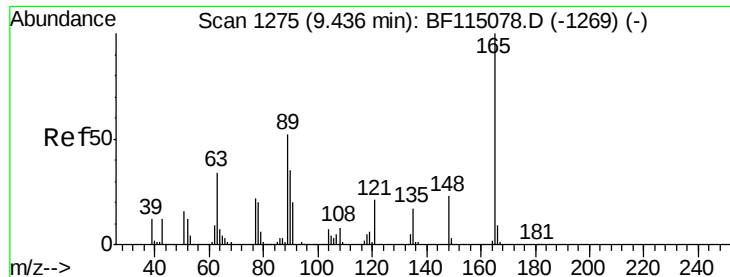
194 4.3 3.2 4.8

164 10.9 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 44.441 ng

RT: 9.43 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

Instrument :

BNA_F

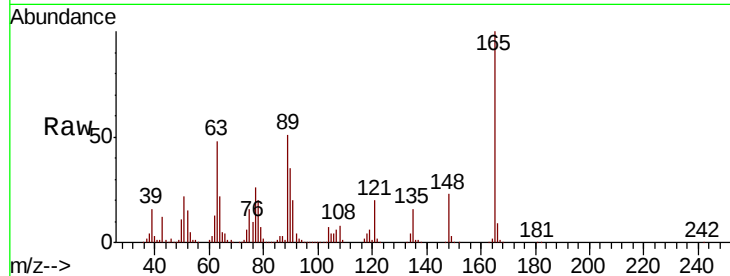
ClientSampleId :

PB120785BS

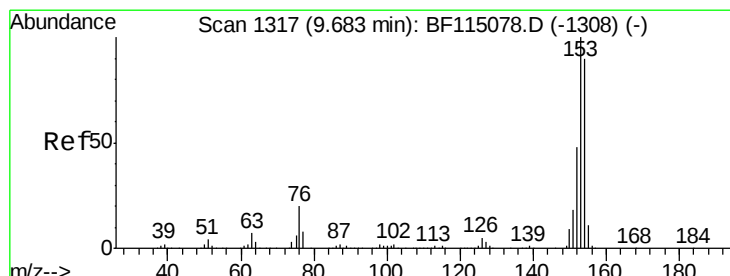
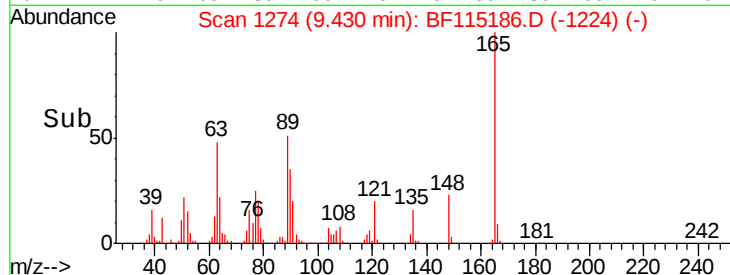
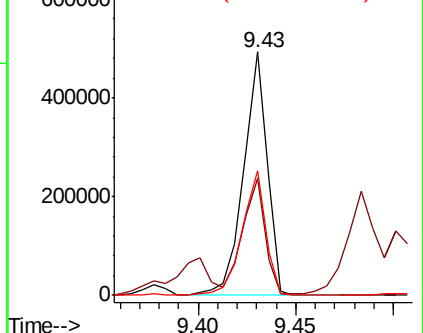
Tot Ion:	165	Resp:	414360
Ion Ratio	Lower	Upper	
165	100		
63	48.2	39.4	59.2
89	51.2	42.0	63.0

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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 41.419 ng

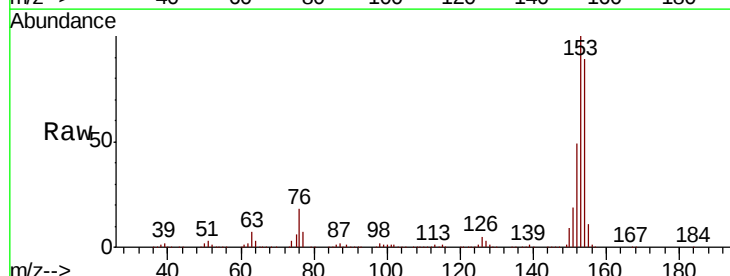
RT: 9.68 min Scan# 1316

Delta R.T. -0.01 min

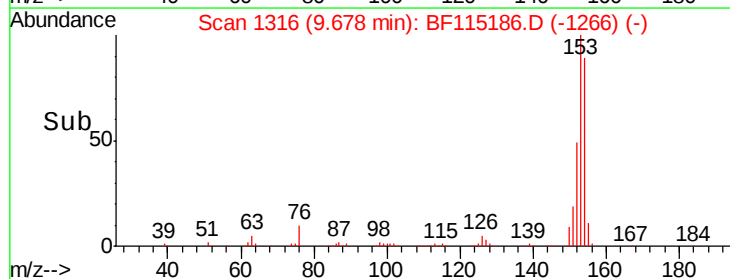
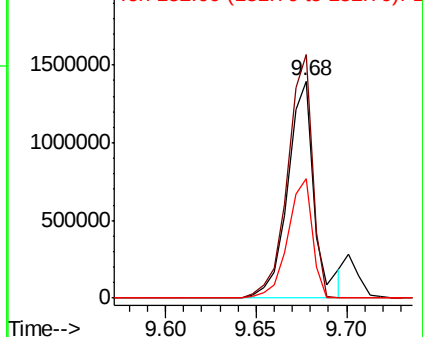
Lab File: BF115186.D

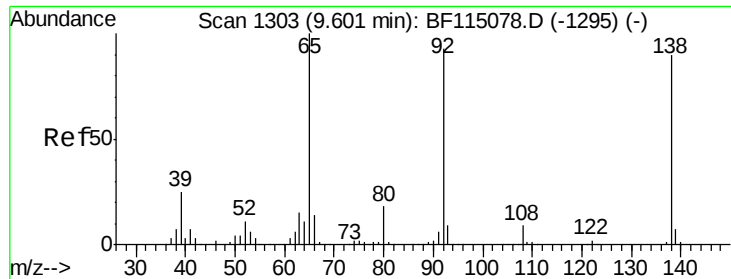
Acq: 25 Jun 2019 14:41

Tgt Ion:	154	Resp:	1438667
Ion Ratio	Lower	Upper	
154	100		
153	112.2	88.7	133.1
152	55.0	42.6	64.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





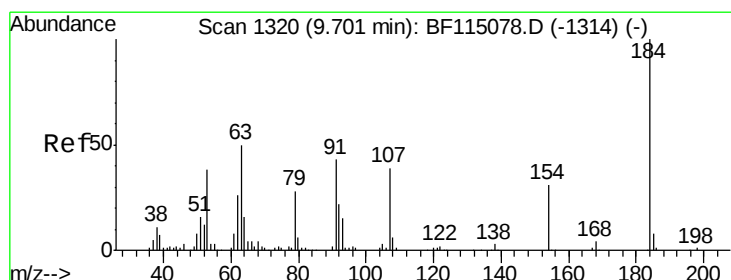
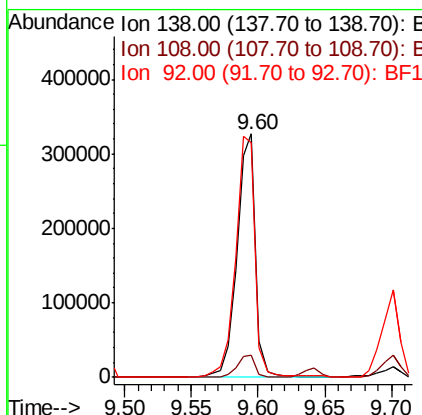
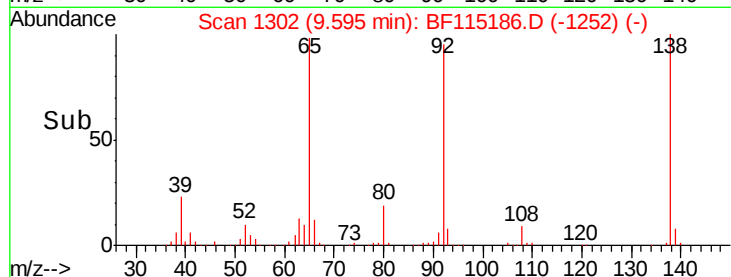
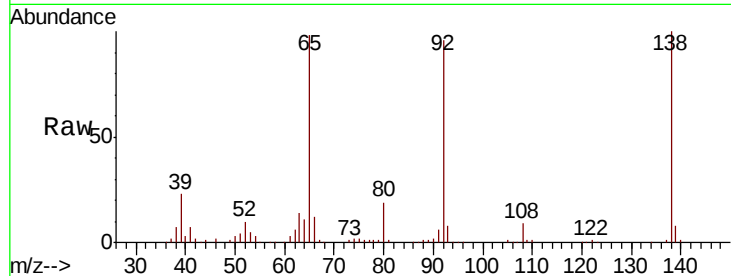
#53
 3-Nitroaniline
 Concen: 27.646 ng
 RT: 9.60 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF115186.D
 Acq: 25 Jun 2019 14:41

Instrument :
 BNA_F
 ClientSampleId :
 PB120785BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.0	7.8	11.6
92	96.5	82.9	124.3

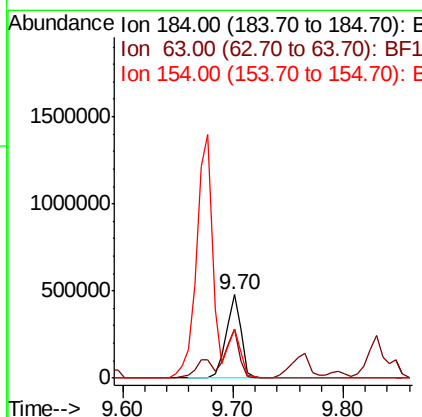
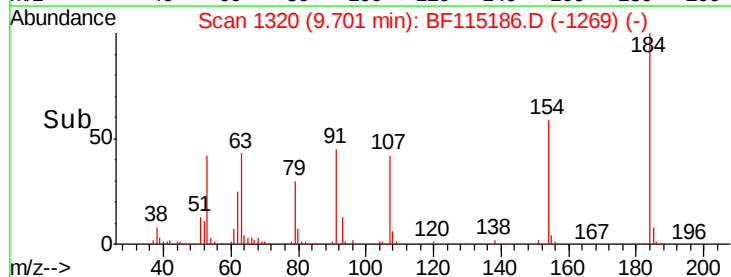
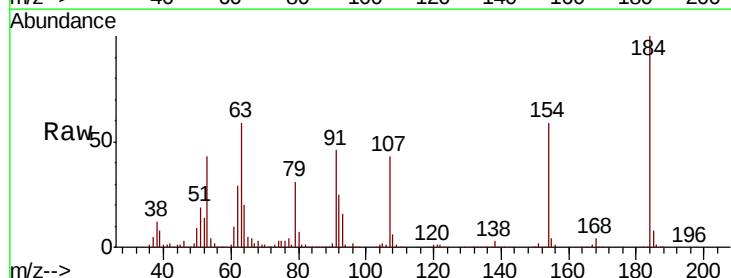
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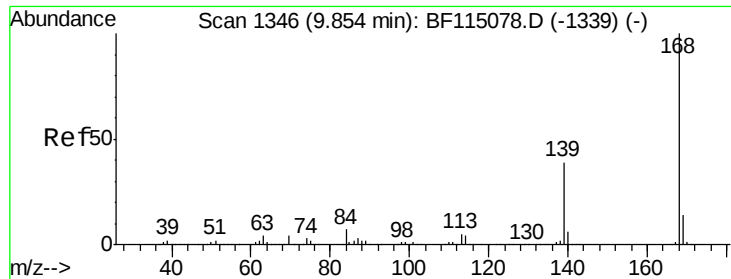
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#54
 2,4-Dinitrophenol
 Concen: 93.109 ng
 RT: 9.70 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF115186.D
 Acq: 25 Jun 2019 14:41

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.8	41.9	62.9
154	58.7	44.7	67.1





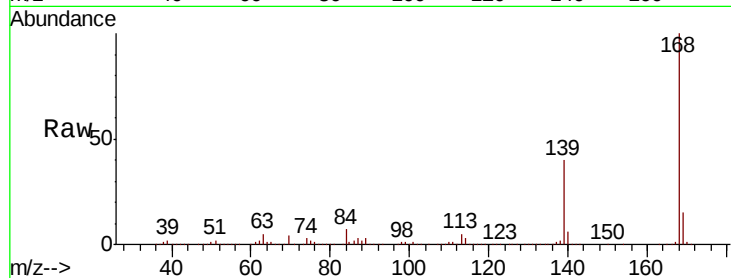
#55
Dibenzenofuran
Concen: 40.577 ng
RT: 9.85 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Instrument :
BNA_F
ClientSampleId :
PB120785BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.4	31.1	46.7
169	14.6	11.3	16.9

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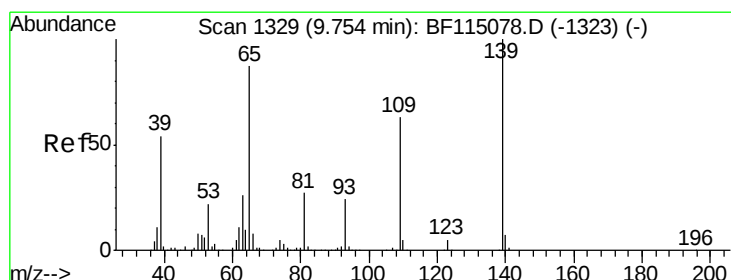
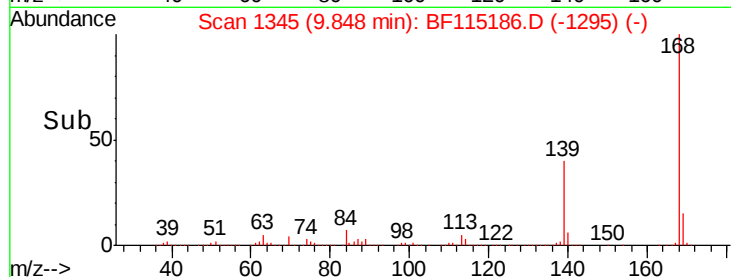
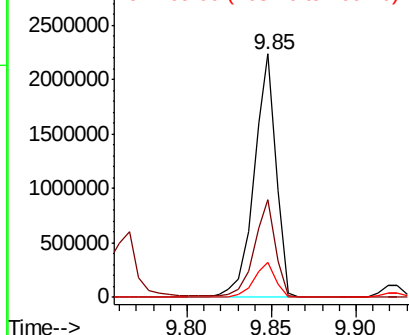


Abundance

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: 78.424 ng
RT: 9.77 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

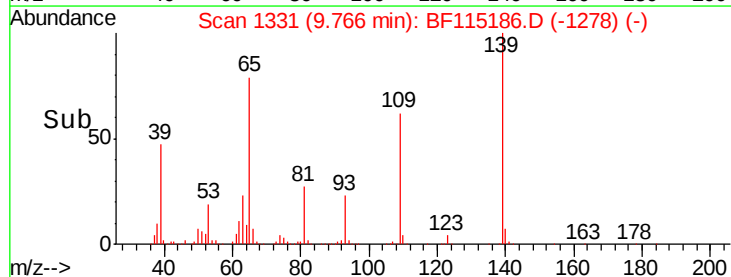
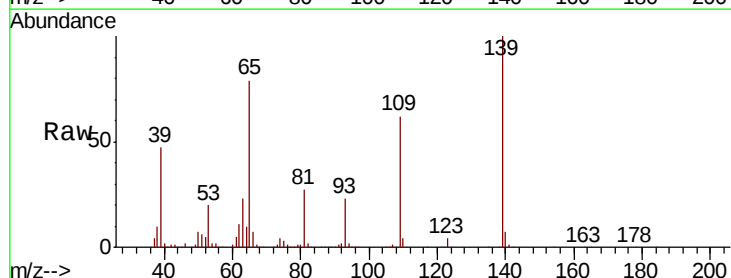
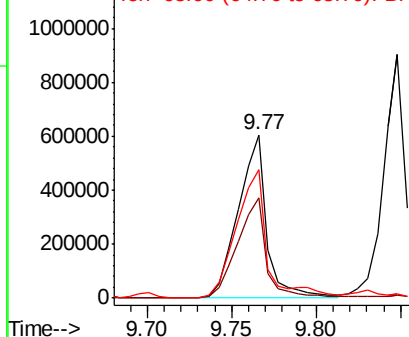
Tgt Ion	Ratio	Lower	Upper
139	100		
109	61.6	43.0	83.0
65	78.7	67.0	107.0

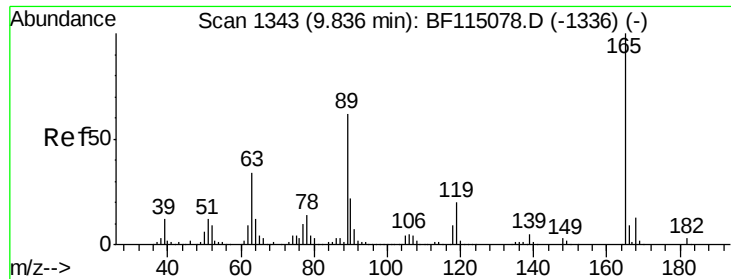
Abundance

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





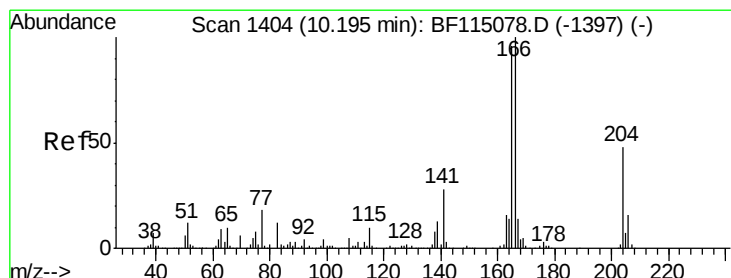
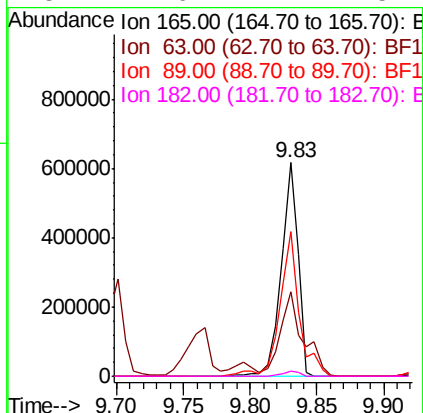
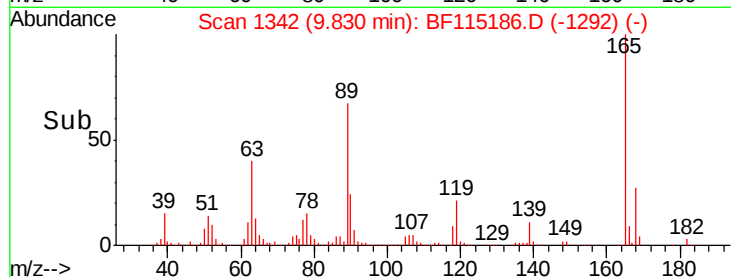
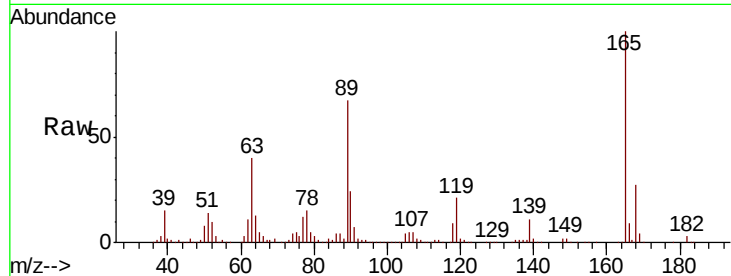
#57
2,4-Dinitrotoluene
Concen: 45.638 ng
RT: 9.83 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Instrument :
BNA_F
ClientSampleId :
PB120785BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		549431		
63	39.7	27.5	41.3		
89	67.5	49.9	74.9		
182	2.6	2.1	3.1		

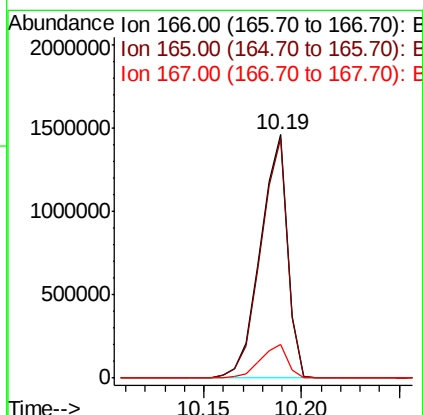
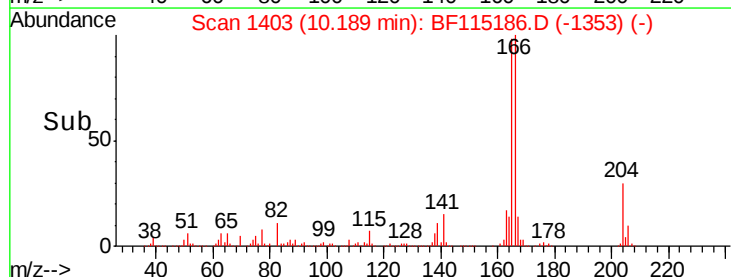
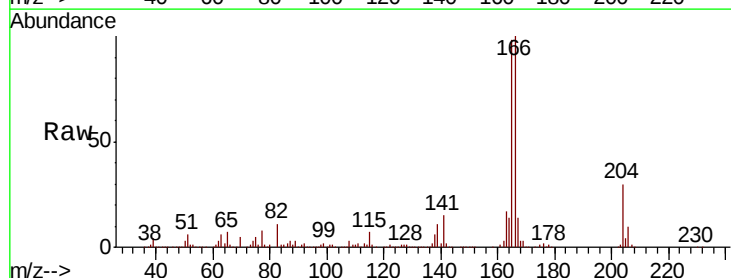
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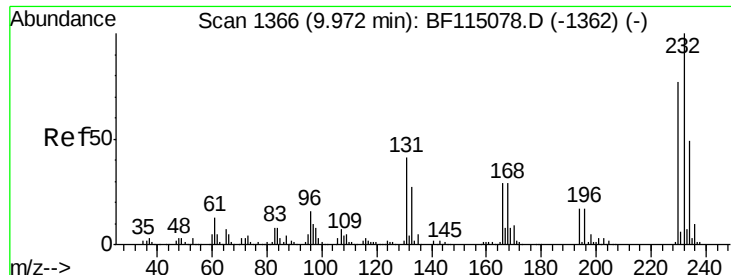
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#58
Fluorene
Concen: 41.805 ng
RT: 10.19 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1403112		
165	98.3	76.5	114.7		
167	13.8	11.0	16.4		





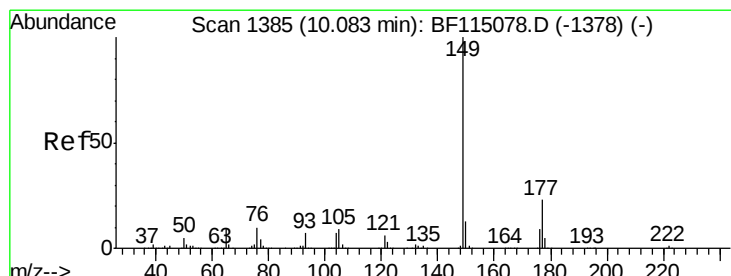
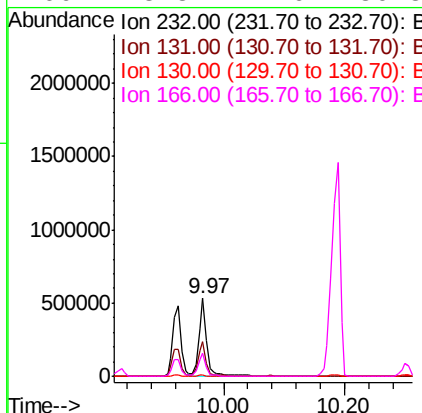
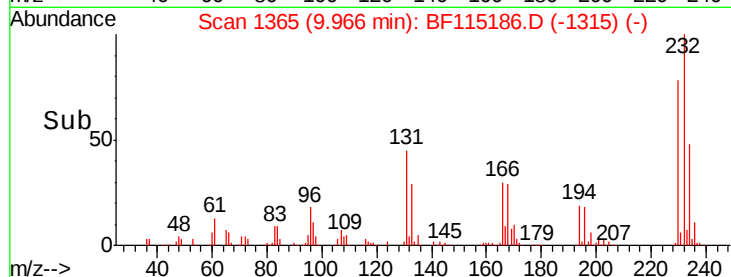
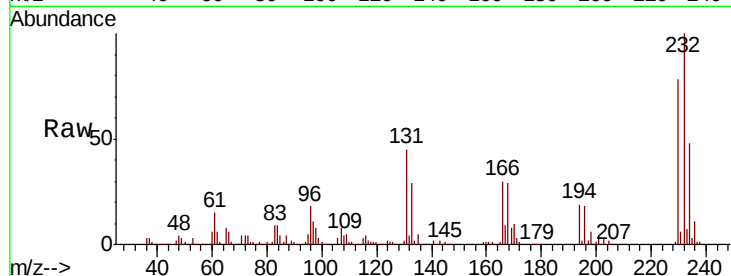
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.871 ng
 RT: 9.97 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: BF115186.D
 Acq: 25 Jun 2019 14:41

Instrument :
 BNA_F
 ClientSampleId :
 PB120785BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.2	37.4	56.0
130	2.1	1.8	2.6
166	28.8	24.6	36.8

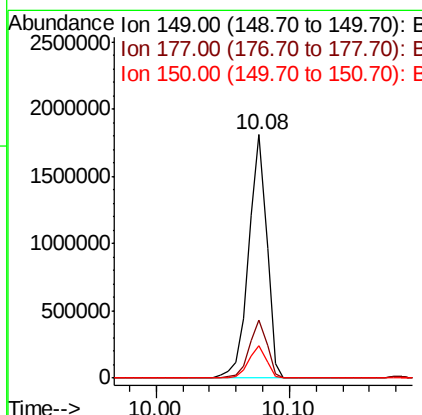
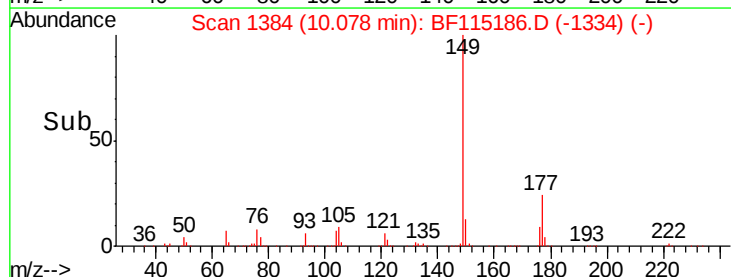
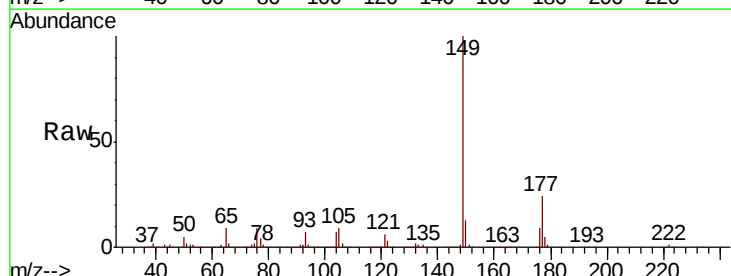
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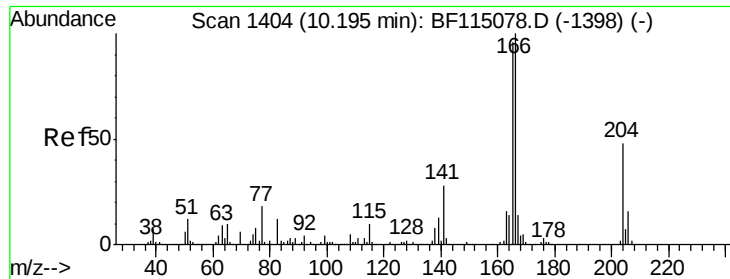
mohammad
 6/26/2019 2:03:21 PM



#60
 Diethylphthalate
 Concen: 41.320 ng
 RT: 10.08 min Scan# 1384
 Delta R.T. -0.01 min
 Lab File: BF115186.D
 Acq: 25 Jun 2019 14:41

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.7	18.7	28.1
150	13.1	10.4	15.6





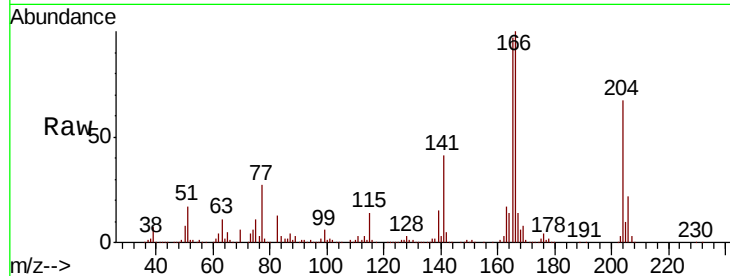
#61
4-Chlorophenyl-phenylether
Concen: 42.893 ng
RT: 10.18 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Instrument :
BNA_F
ClientSampled :
PB120785BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.6	40.0
141	61.5	46.7	70.1

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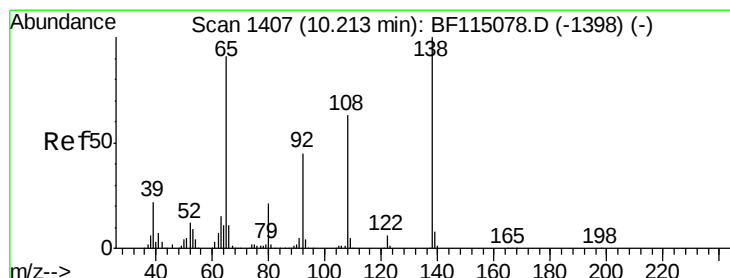
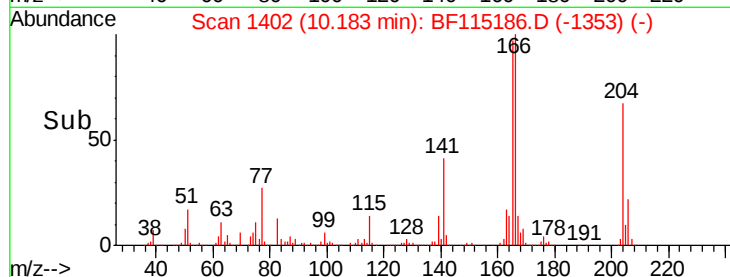
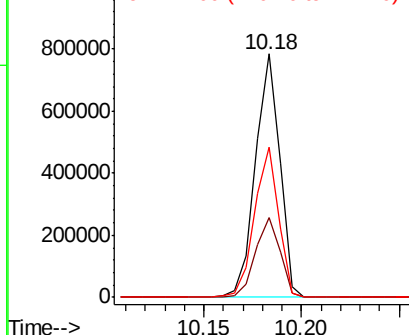


Abundance

Ion 204.00 (203.70 to 204.70): E

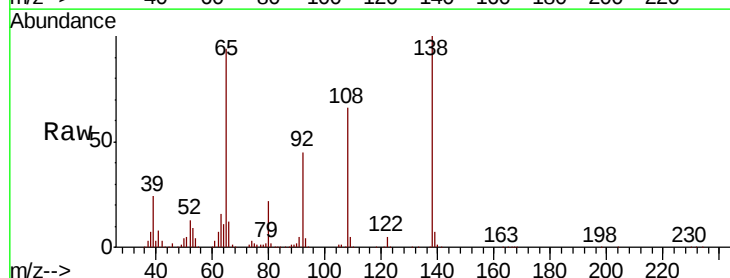
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 40.860 ng
RT: 10.21 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.1	24.8	64.8
108	65.7	43.3	83.3

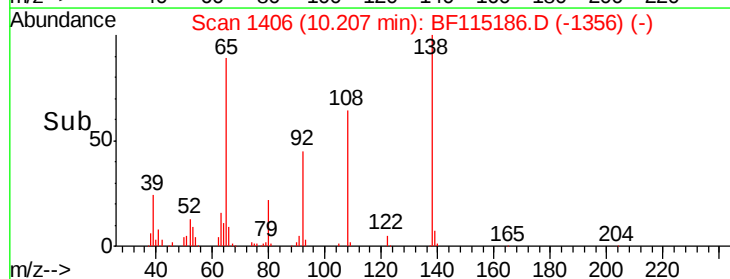
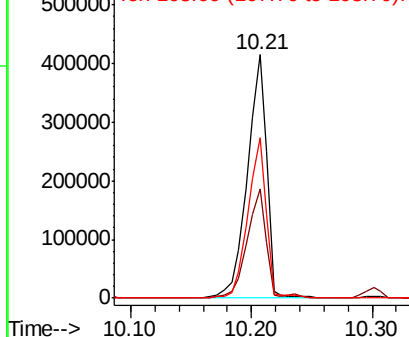


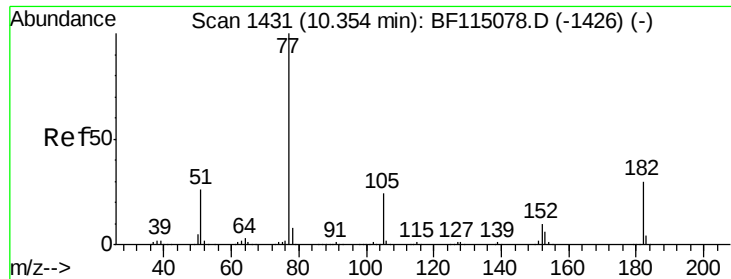
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





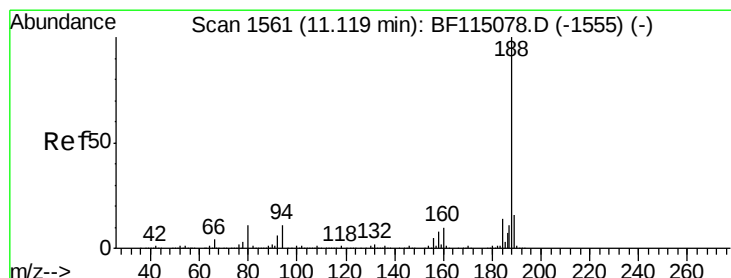
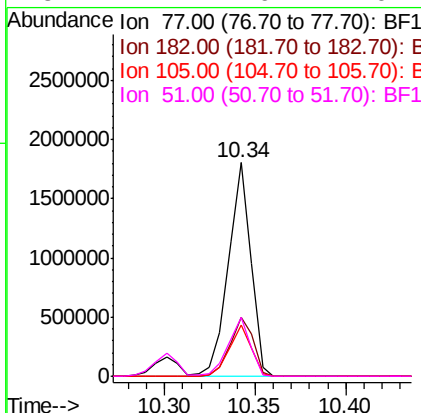
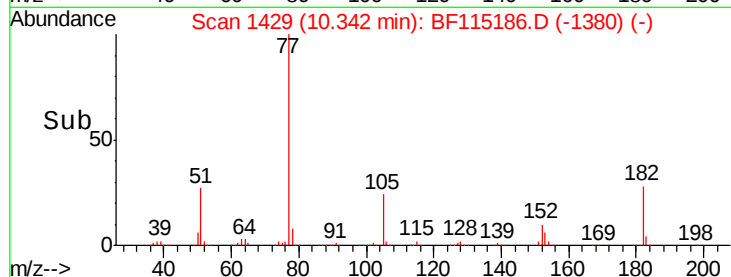
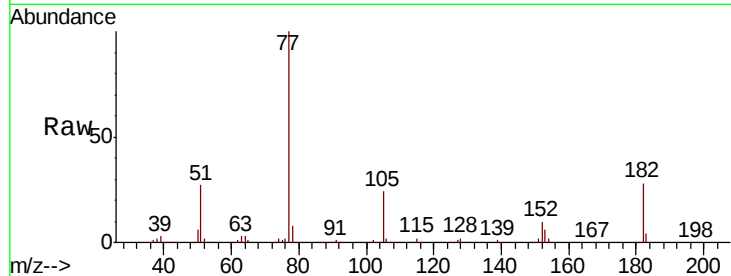
#63
Azobenzene
Concen: 41.174 ng
RT: 10.34 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Instrument :
BNA_F
ClientSampleId :
PB120785BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.9	10.1	50.1	
105	24.0	4.5	44.5	
51	27.4	6.4	46.4	

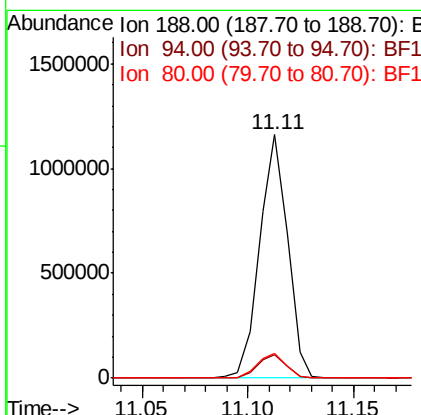
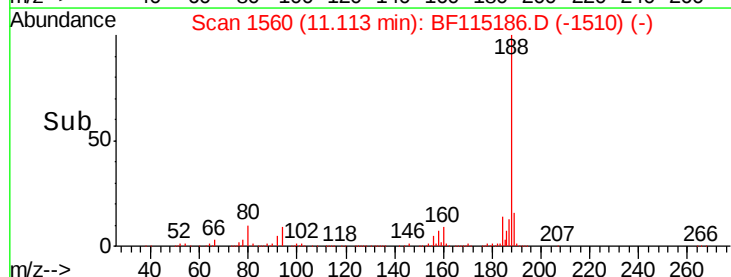
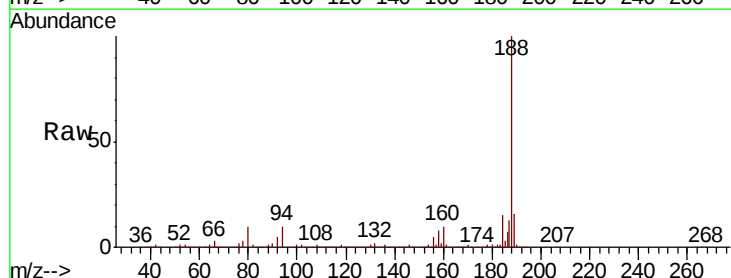
Manual Integrations
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.6	8.6	12.8	
80	10.1	8.8	13.2	





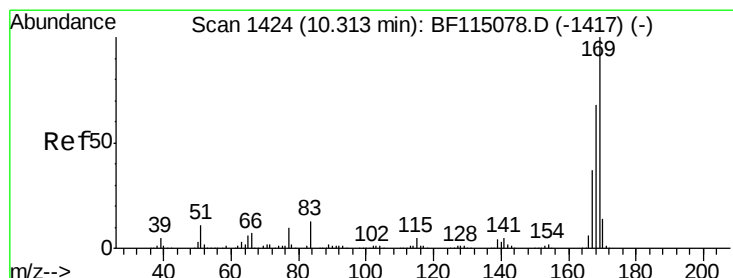
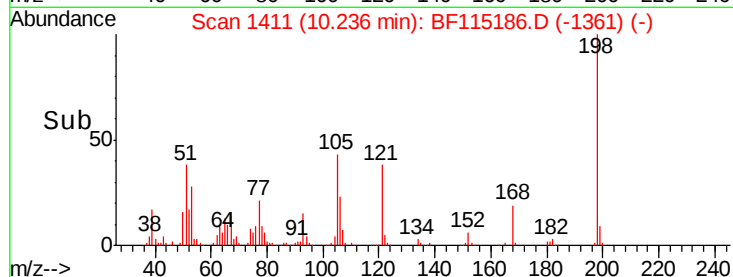
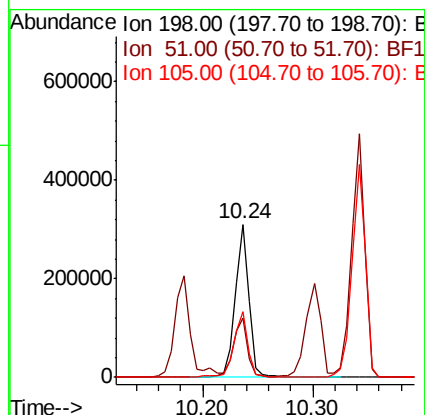
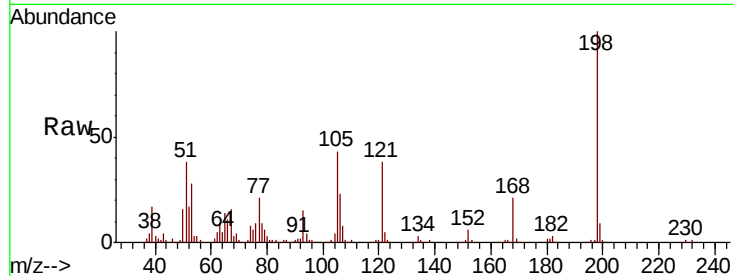
#65
4,6-Dinitro-2-methylphenol
Concen: 47.527 ng
RT: 10.24 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Instrument :
BNA_F
ClientSampleId :
PB120785BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	38.3	11.0	51.0
105	42.5	17.3	57.3

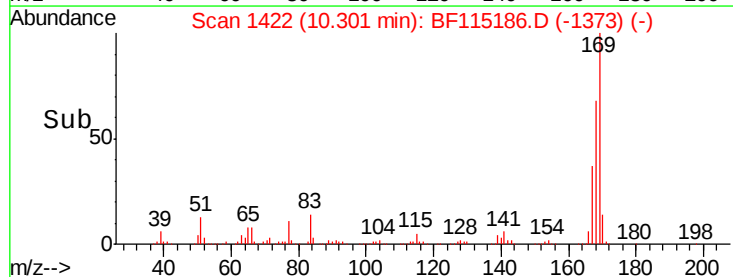
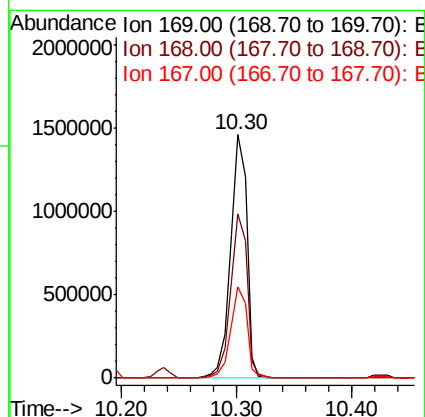
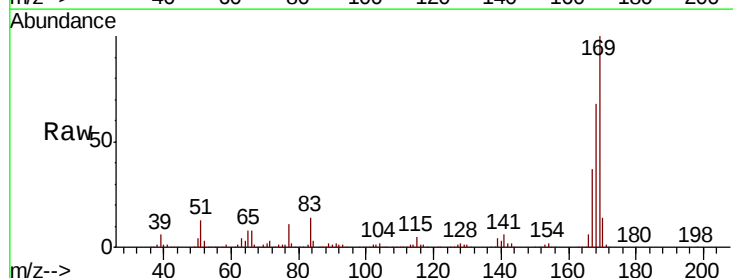
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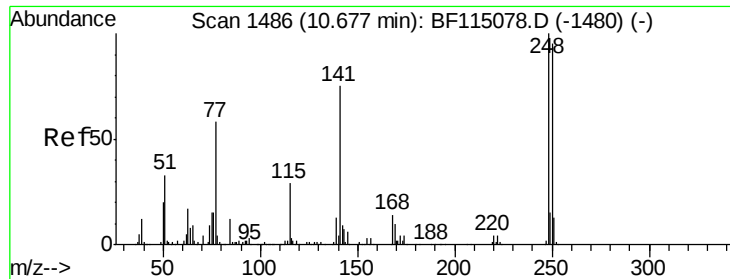
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 42.448 ng
RT: 10.30 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.7	54.2	81.4
167	37.4	29.4	44.0





#67

4-Bromophenyl-phenylether

Concen: 42.038 ng

RT: 10.67 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

Instrument :

BNA_F

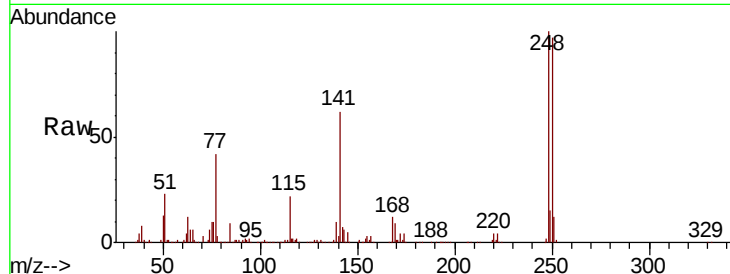
ClientSampleId :

PB120785BS

Tot Ion:	248	Resp:	490295
Ion Ratio	Lower	Upper	
248	100		
250	97.5	76.2	114.2
141	61.9	59.6	89.4

Manual Integrations
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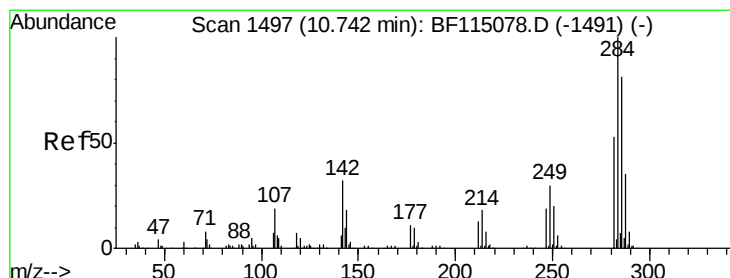
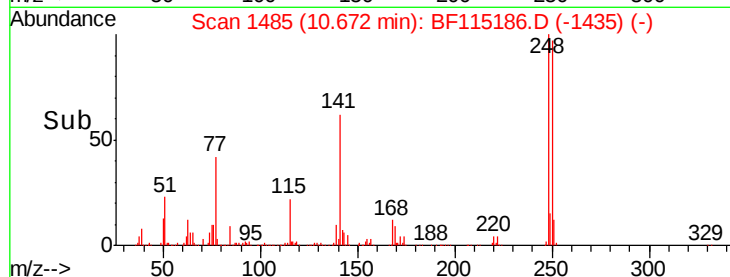
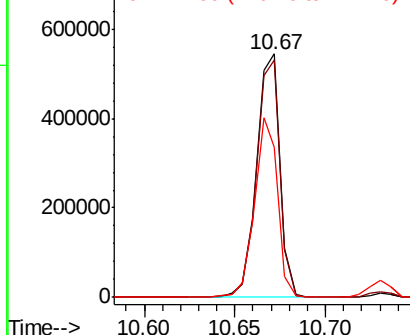


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 42.788 ng

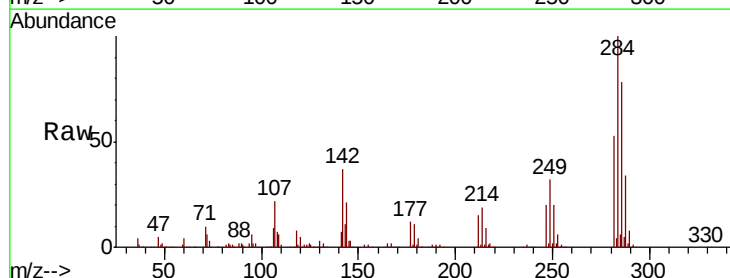
RT: 10.73 min Scan# 1495

Delta R.T. -0.01 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

Tgt Ion:	284	Resp:	541679
Ion Ratio	Lower	Upper	
284	100		
142	36.8	25.8	38.8
249	31.7	24.2	36.4

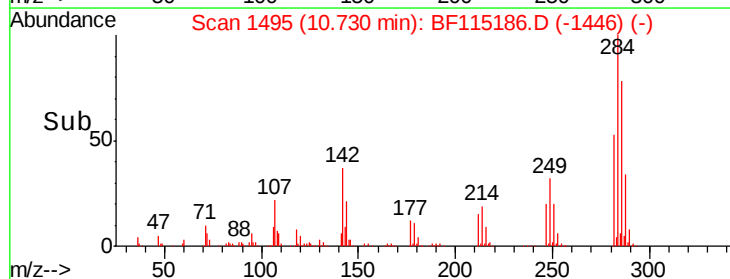
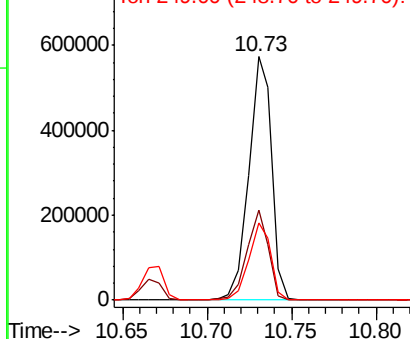


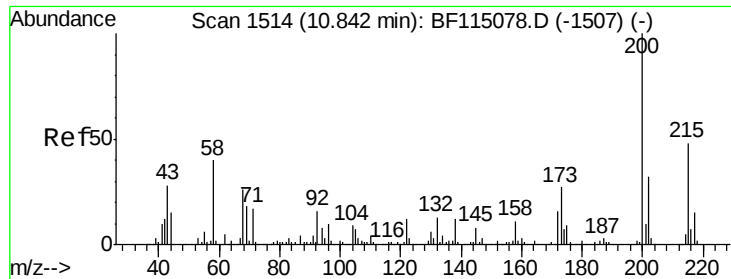
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





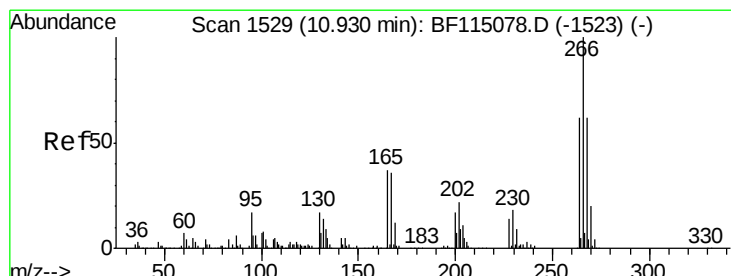
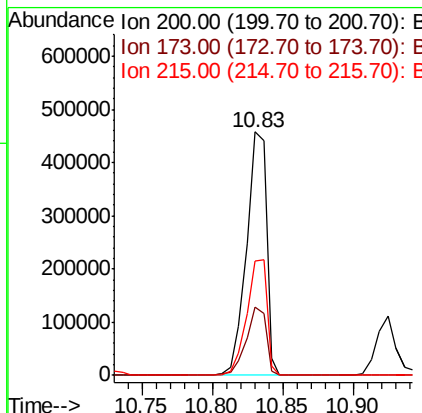
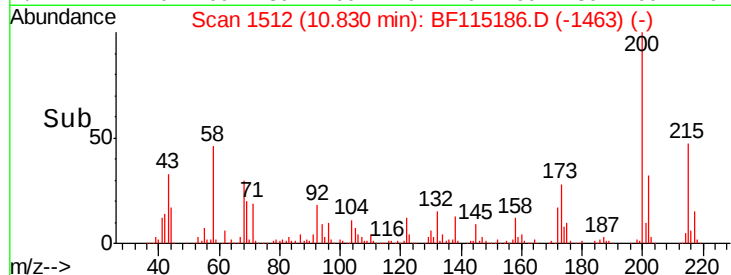
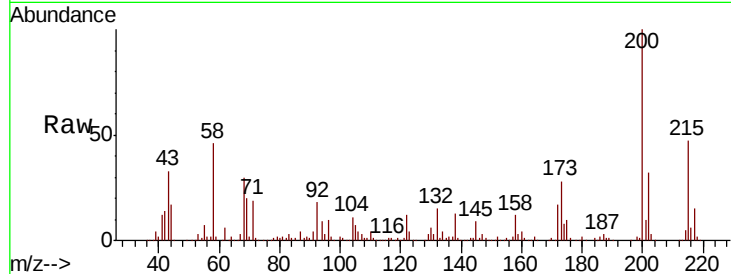
#69
Atrazine
Concen: 42.529 ng
RT: 10.83 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Instrument :
BNA_F
ClientSampleId :
PB120785BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	458504		
173	28.1	7.4	47.4	
215	46.8	27.8	67.8	

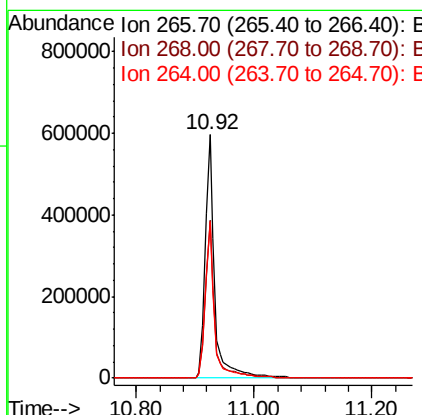
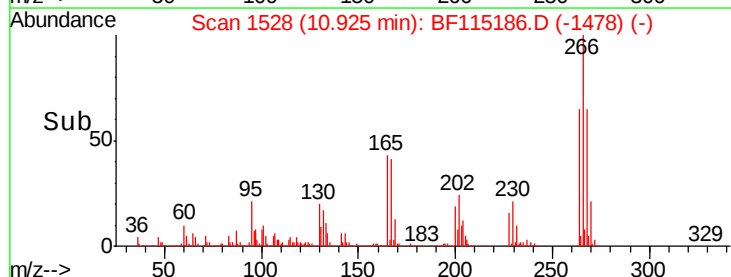
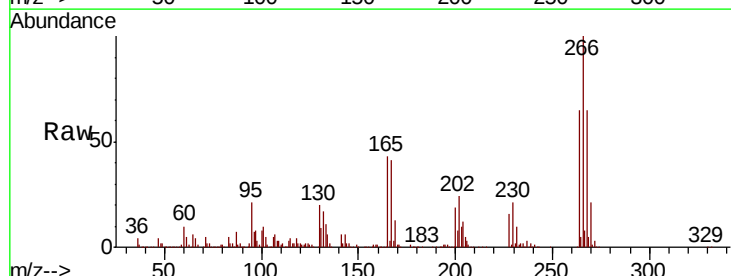
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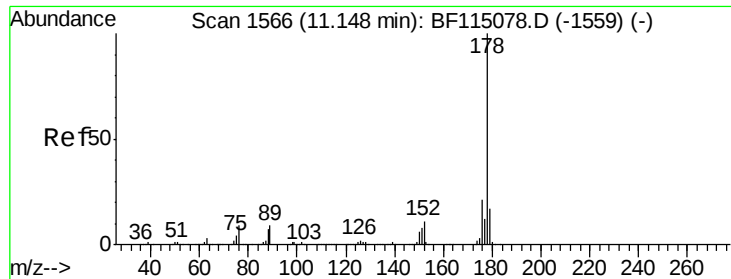
mohammad
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#70
Pentachlorophenol
Concen: 83.667 ng
RT: 10.92 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	674779		
268	64.7	49.5	74.3	
264	64.5	49.3	73.9	





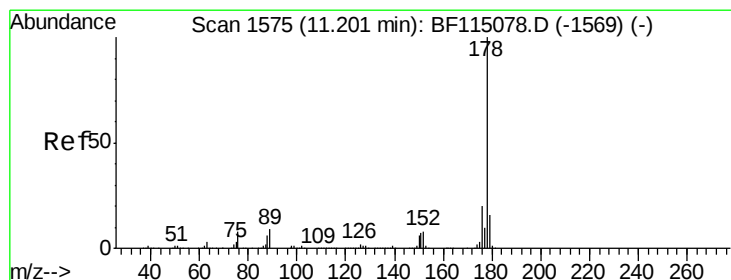
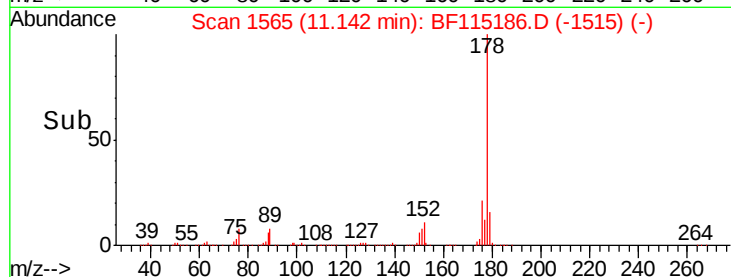
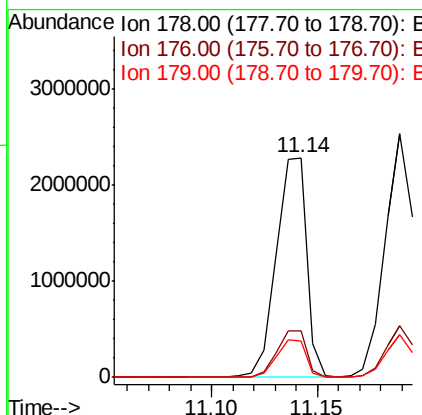
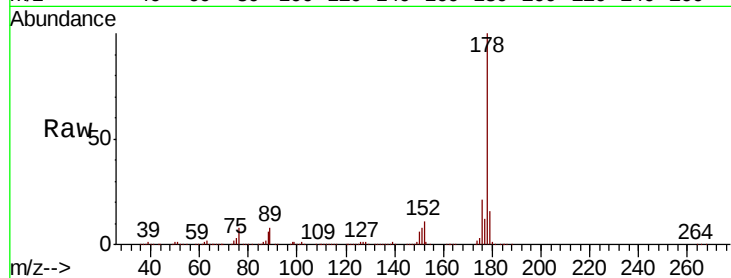
#71
Phenanthrene
Concen: 39.614 ng
RT: 11.14 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Instrument :
BNA_F
ClientSampleId :
PB120785BS

Tot Ion:178 Resp: 2294379
Ion Ratio Lower Upper
178 100
176 21.2 16.9 25.3
179 16.4 13.2 19.8

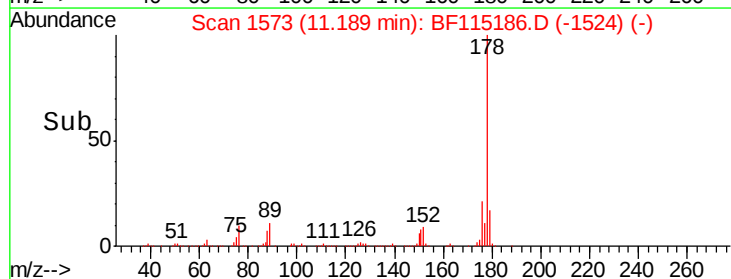
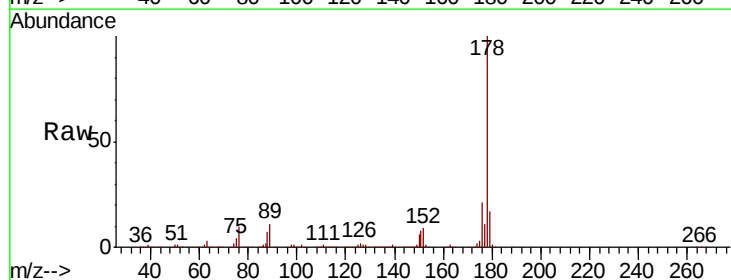
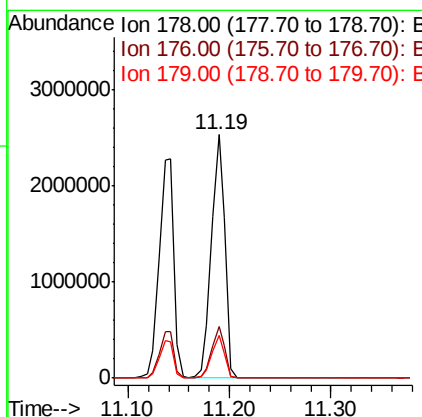
Manual Integrations
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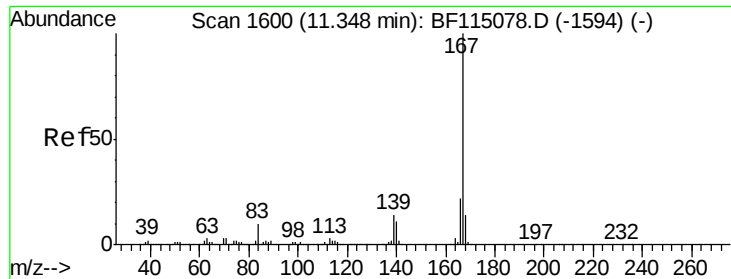
mohammad
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#72
Anthracene
Concen: 40.085 ng
RT: 11.19 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Tgt Ion:178 Resp: 2343554
Ion Ratio Lower Upper
178 100
176 21.1 16.1 24.1
179 17.3 12.9 19.3





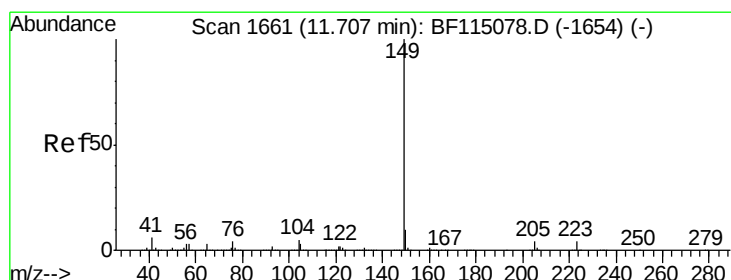
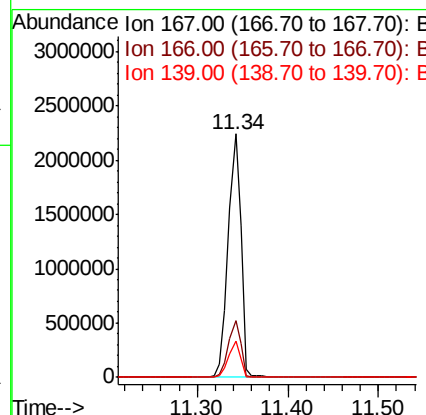
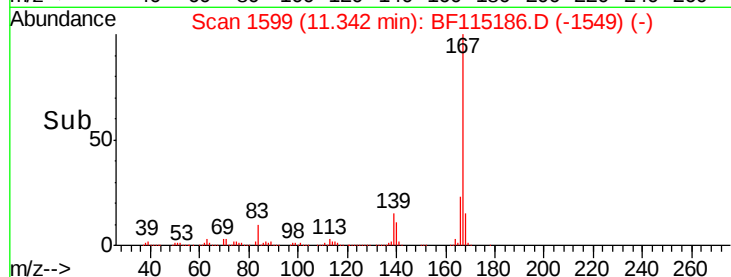
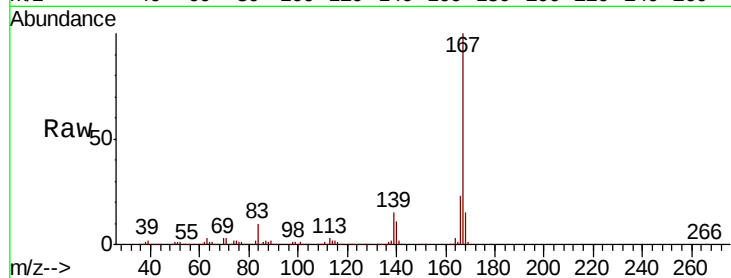
#73
 Carbazole
 Concen: 41.292 ng
 RT: 11.34 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF115186.D
 Acq: 25 Jun 2019 14:41

Instrument :
 BNA_F
 ClientSampleId :
 PB120785BS

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	23.3	18.0	27.0	
139	14.8	11.1	16.7	

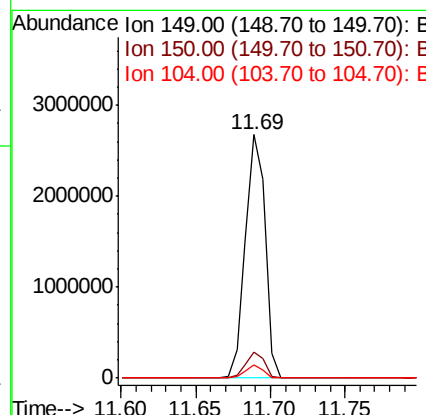
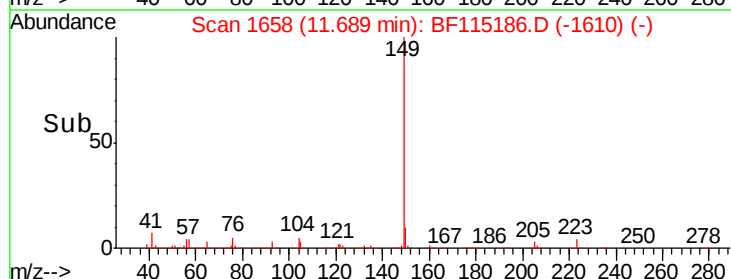
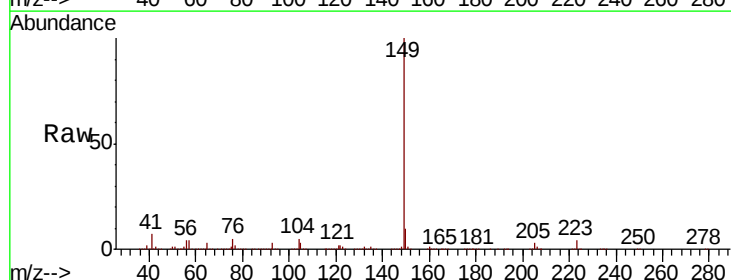
Manual Integrations
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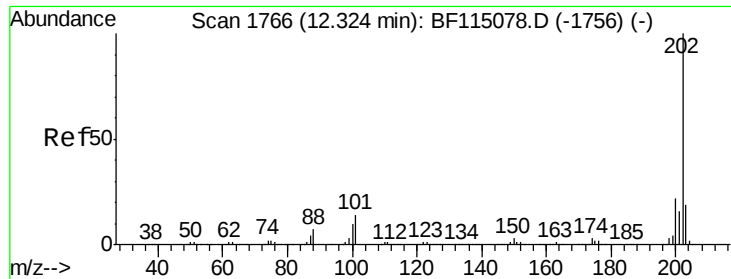
mohammad
 6/26/2019 2:03:21 PM



#74
 Di-n-butylphthalate
 Concen: 40.890 ng
 RT: 11.69 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BF115186.D
 Acq: 25 Jun 2019 14:41

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	10.5	7.8	11.8	
104	5.2	3.7	5.5	





#75

Fluoranthene

Concen: 40.901 ng

RT: 12.32 min Scan# 1765

Delta R.T. -0.01 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

Instrument :

BNA_F

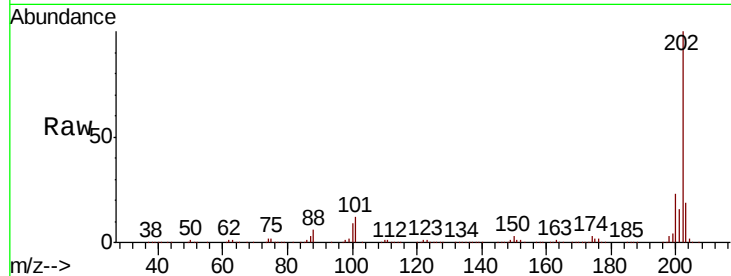
ClientSampleId :

PB120785BS

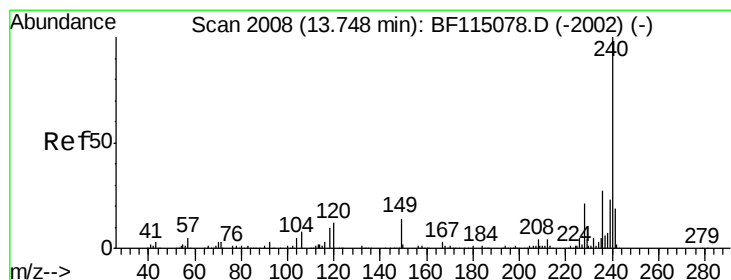
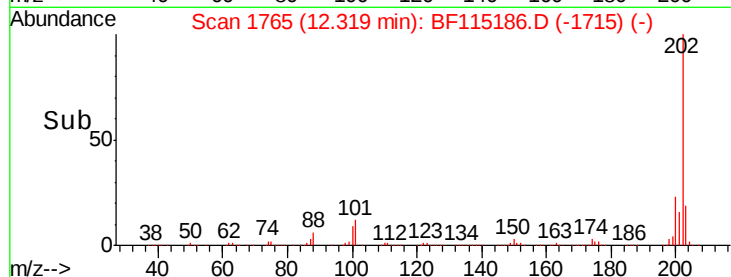
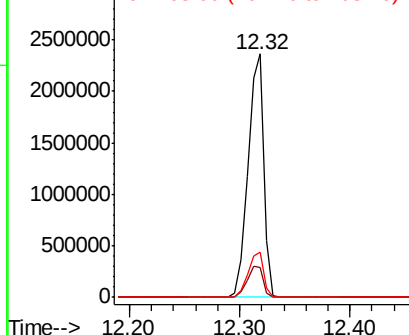
Tot Ion:	202	Resp:	2363573
Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	34.0
203	18.7	0.0	38.8

Manual Integrations
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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

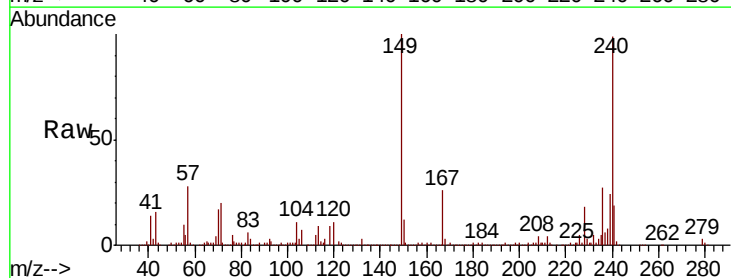
RT: 13.74 min Scan# 2006

Delta R.T. -0.01 min

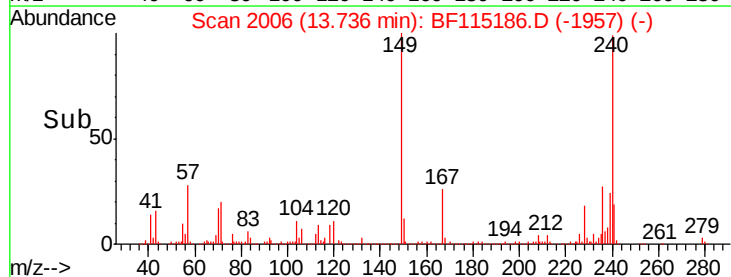
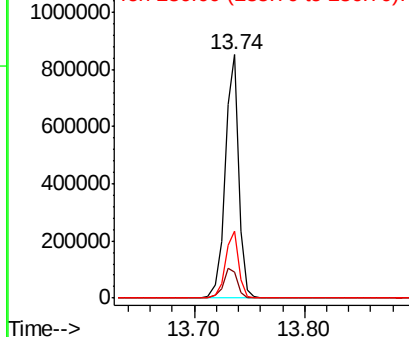
Lab File: BF115186.D

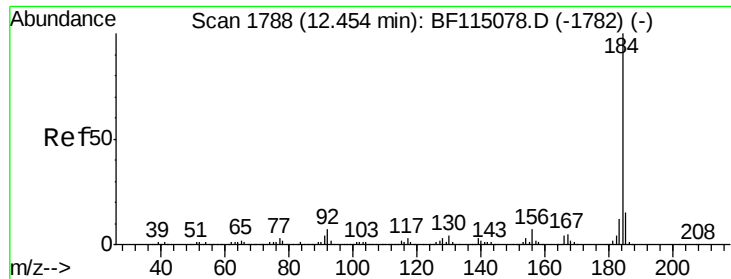
Acq: 25 Jun 2019 14:41

Tgt Ion:	240	Resp:	727448
Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.4	14.2
236	27.8	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: 24.926 ng

RT: 12.44 min Scan# 1785

Delta R.T. -0.02 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

Instrument :

BNA_F

ClientSampleId :

PB120785BS

Tot Ion:184 Resp: 805149

Ion Ratio Lower Upper

184 100

185 15.3 12.2 18.2

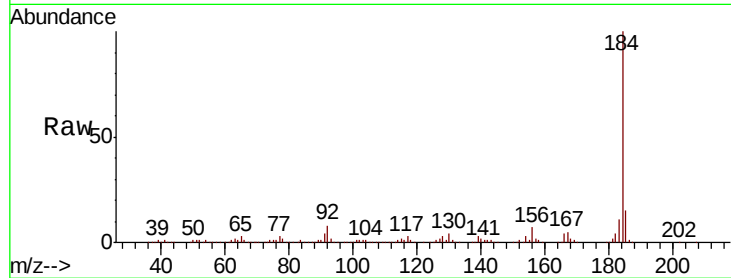
183 11.5 9.6 14.4

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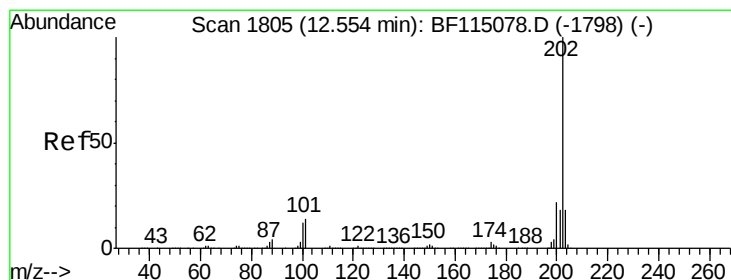
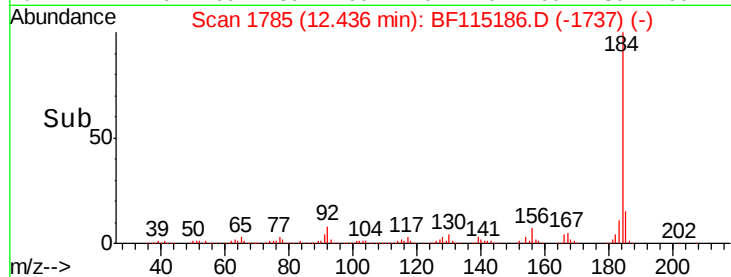
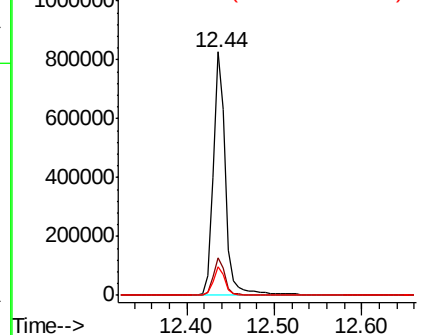
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.822 ng

RT: 12.54 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

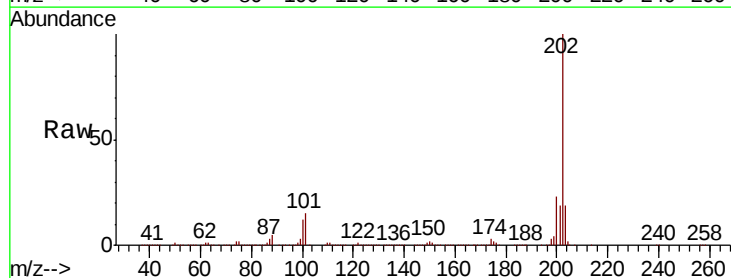
Tgt Ion:202 Resp: 2393960

Ion Ratio Lower Upper

202 100

200 23.4 17.9 26.9

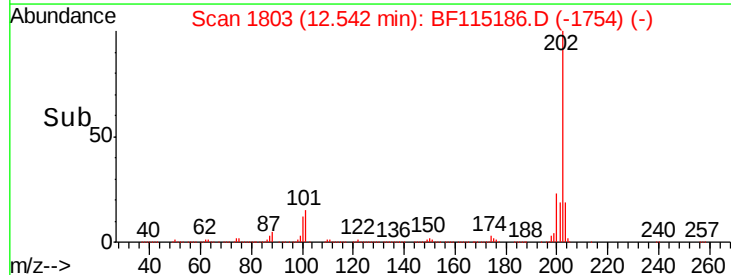
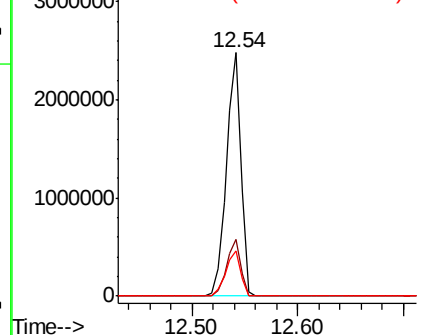
203 18.7 14.6 21.8

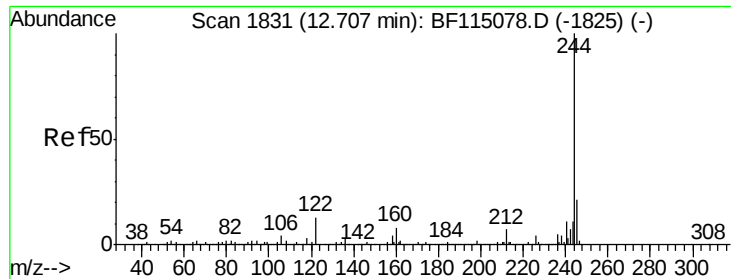


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





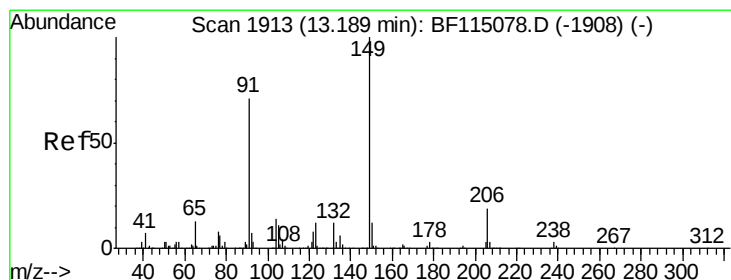
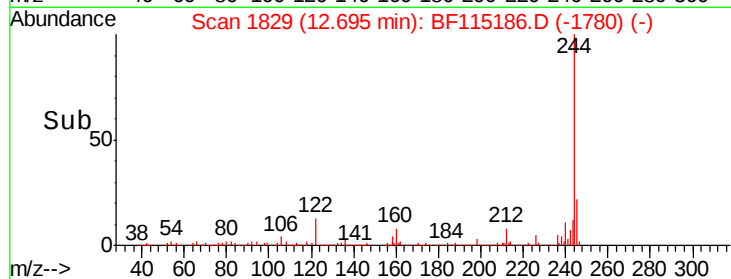
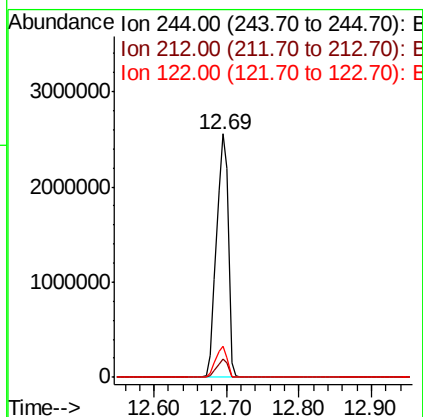
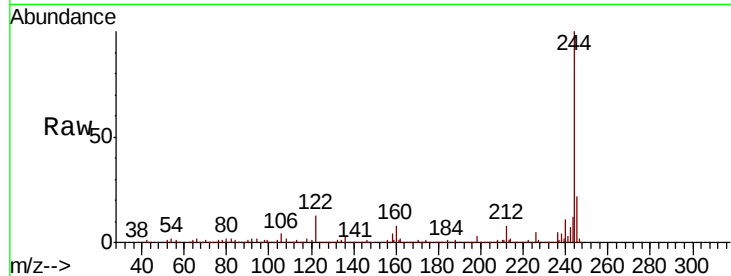
#79
 Terphenyl-d14
 Concen: 84.792 ng
 RT: 12.69 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF115186.D
 Acq: 25 Jun 2019 14:41

Instrument :
 BNA_F
 ClientSampleId :
 PB120785BS

Tot Ion:244 Resp: 2901092
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.6
 122 12.7 10.4 15.6

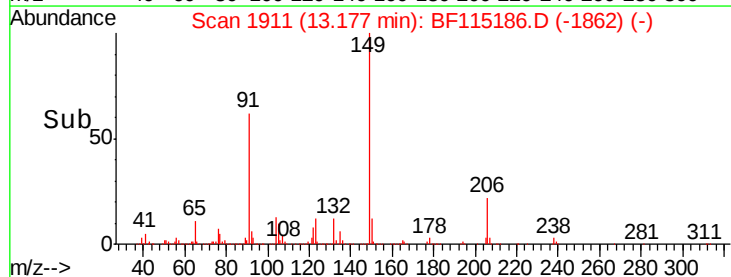
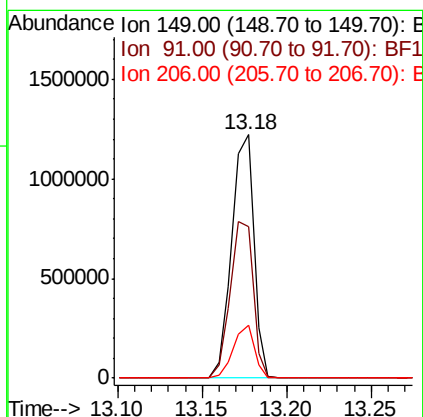
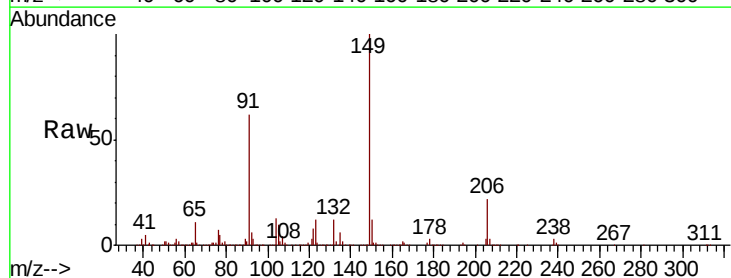
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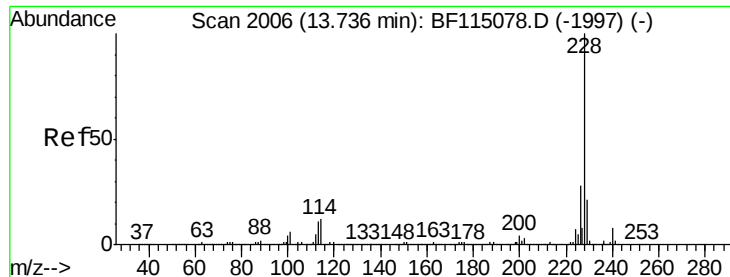
mohammad
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#80
 Butylbenzylphthalate
 Concen: 45.173 ng
 RT: 13.18 min Scan# 1911
 Delta R.T. -0.01 min
 Lab File: BF115186.D
 Acq: 25 Jun 2019 14:41

Tgt Ion:149 Resp: 1114478
 Ion Ratio Lower Upper
 149 100
 91 62.1 56.5 84.7
 206 21.6 15.3 22.9





#81

Benzo(a)anthracene

Concen: 42.568 ng

RT: 13.72 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

Instrument :

BNA_F

ClientSampleID :

PB120785BS

Tot Ion:228 Resp: 2221933

Ion Ratio Lower Upper

228 100

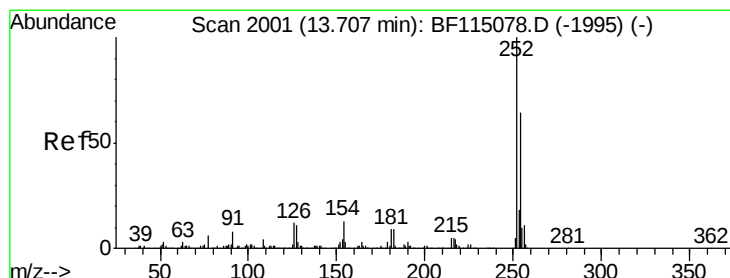
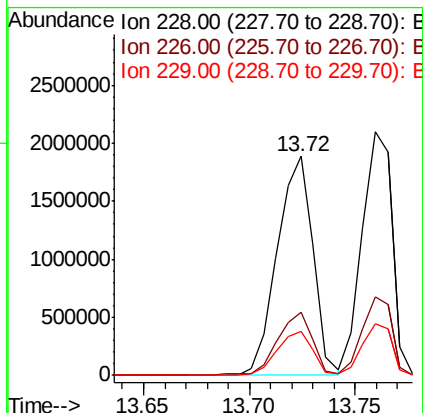
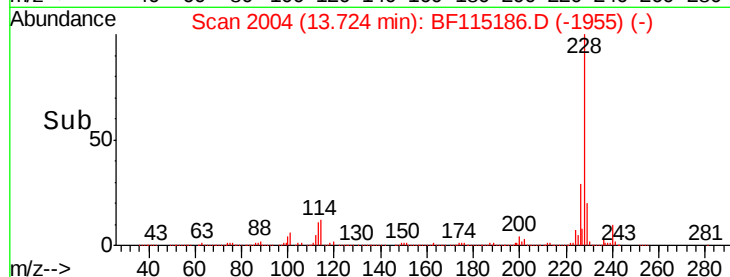
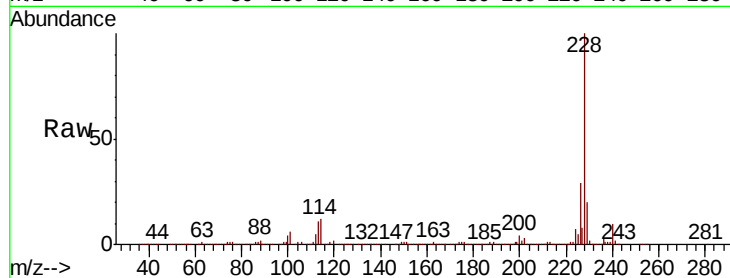
226 28.7 22.5 33.7

229 20.3 16.6 24.8

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#82

3,3'-Dichlorobenzidine

Concen: 37.024 ng

RT: 13.69 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

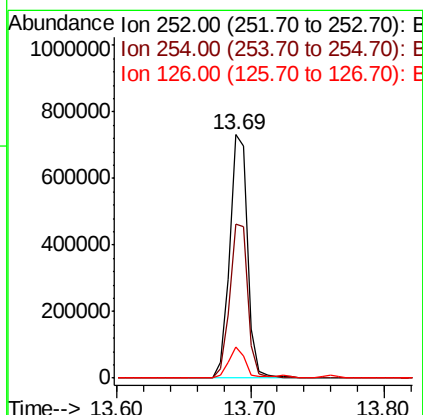
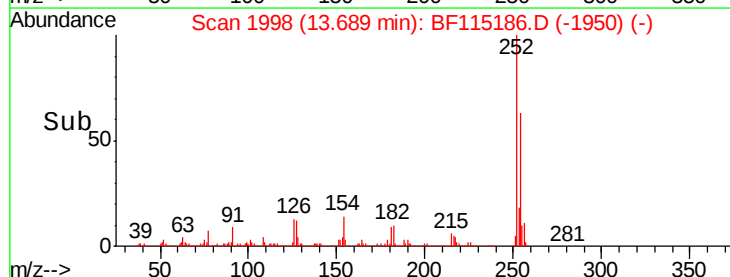
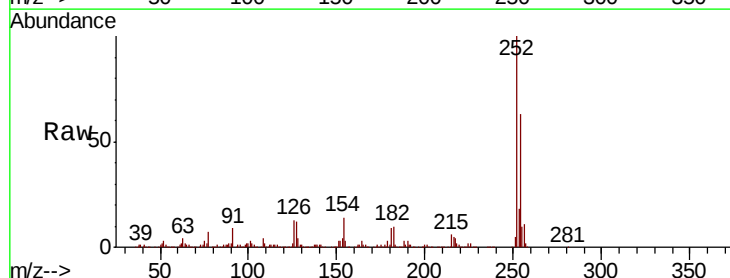
Tgt Ion:252 Resp: 697877

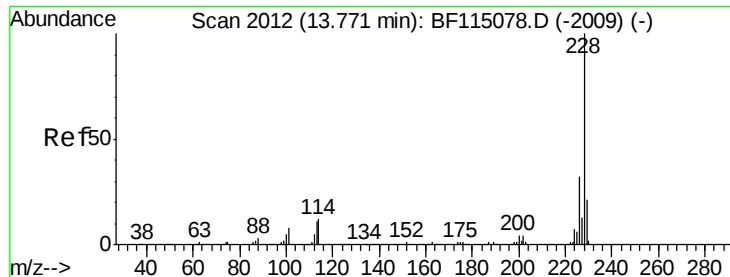
Ion Ratio Lower Upper

252 100

254 63.2 51.1 76.7

126 13.0 9.4 14.0





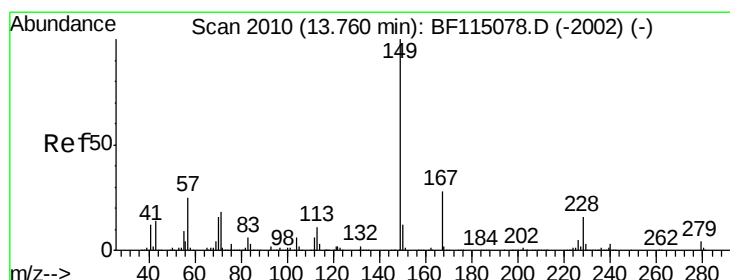
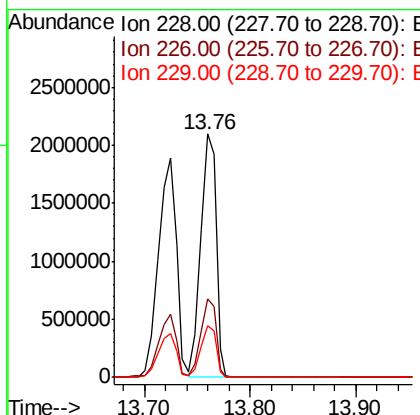
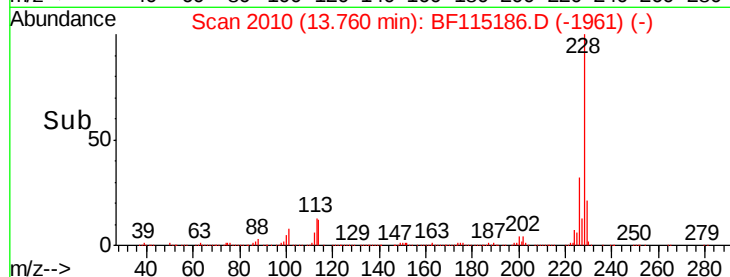
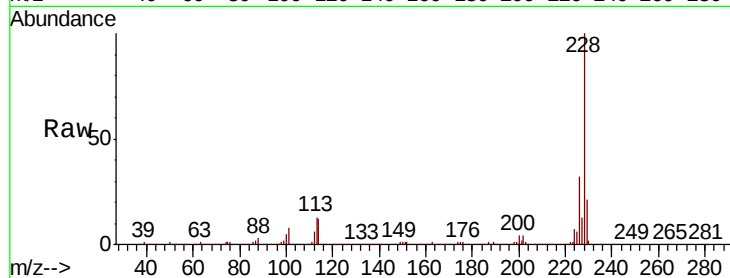
#83
Chrysene
Concen: 43.957 ng
RT: 13.76 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Instrument :
BNA_F
ClientSampleId :
PB120785BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.4	38.0
229	21.2	16.5	24.7

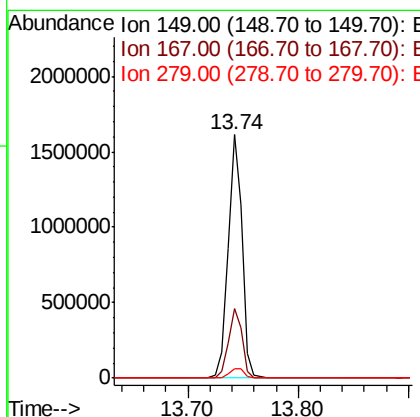
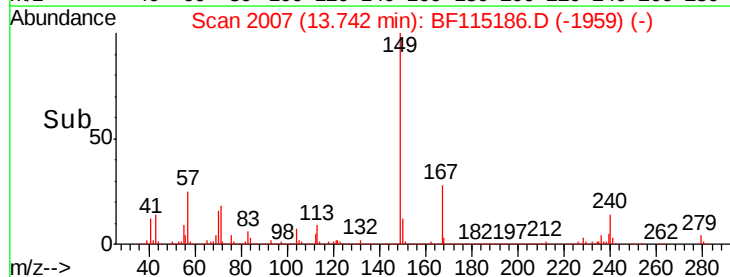
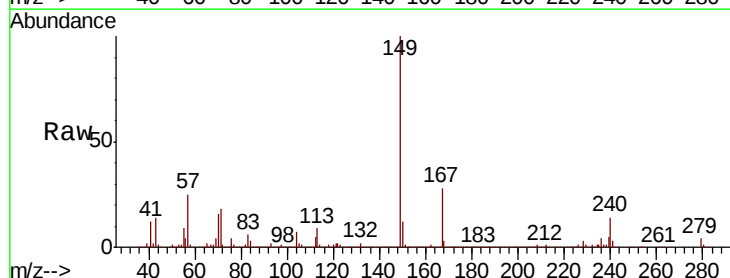
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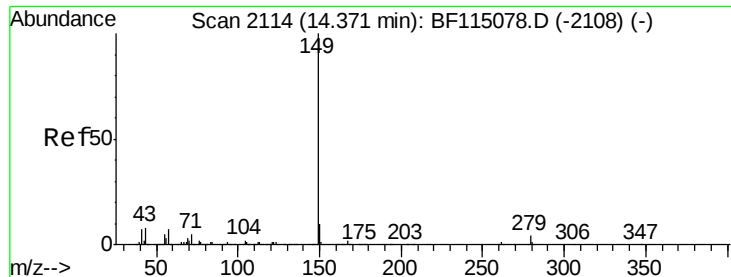
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 43.848 ng
RT: 13.74 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.2	33.4
279	4.0	2.9	4.3





#85

Di-n-octyl phthalate

Concen: 45.128 ng

RT: 14.35 min Scan# 2111

Delta R.T. -0.02 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

Instrument :

BNA_F

ClientSampleId :

PB120785BS

Tot Ion:149 Resp: 2451146

Ion Ratio Lower Upper

149 100

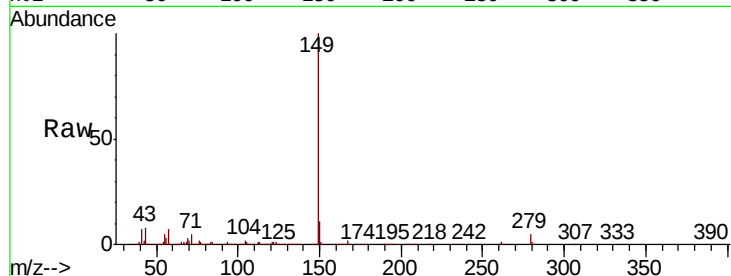
167 1.7 1.2 1.8

43 8.6 7.0 10.6

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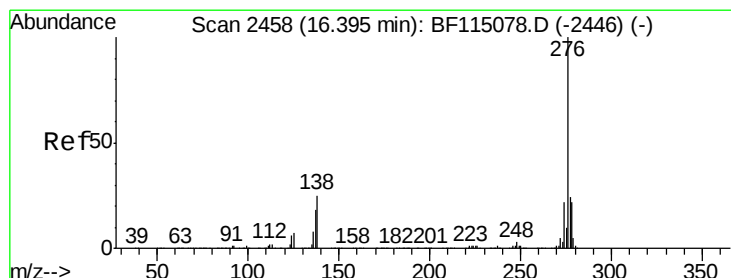
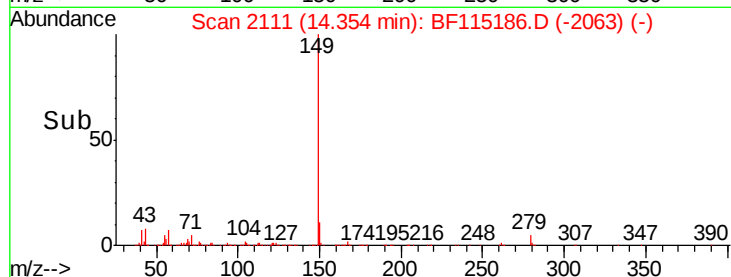
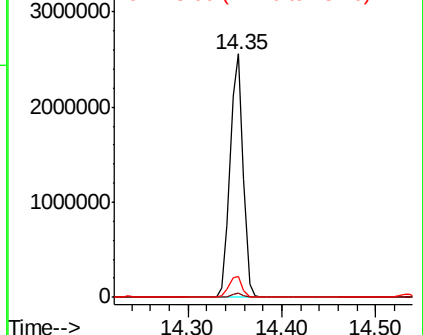
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.419 ng

RT: 16.37 min Scan# 2454

Delta R.T. -0.02 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

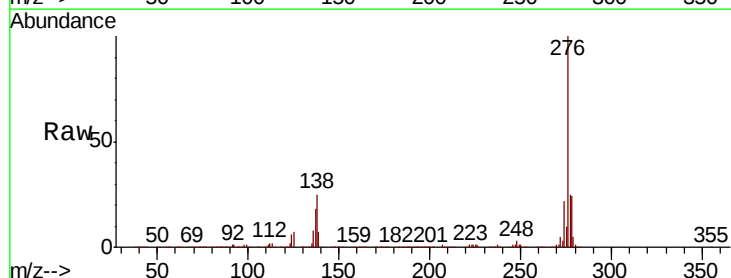
Tgt Ion:276 Resp: 2343359

Ion Ratio Lower Upper

276 100

138 28.2 23.2 34.8

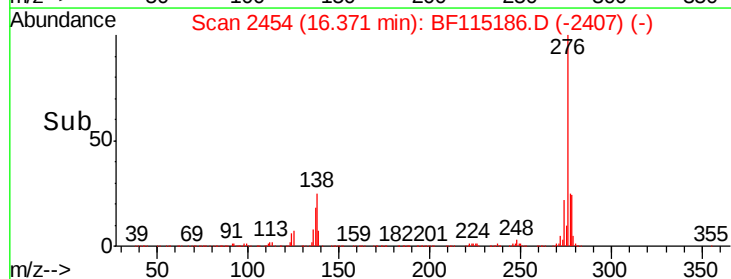
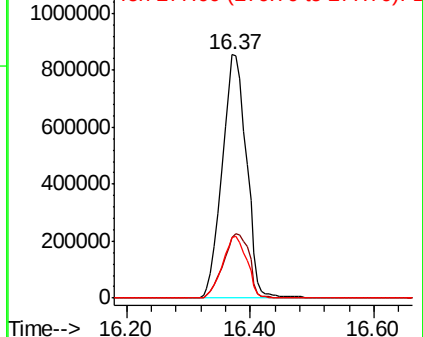
277 25.6 20.1 30.1

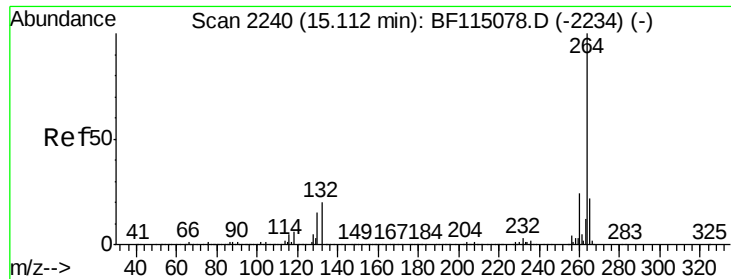


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





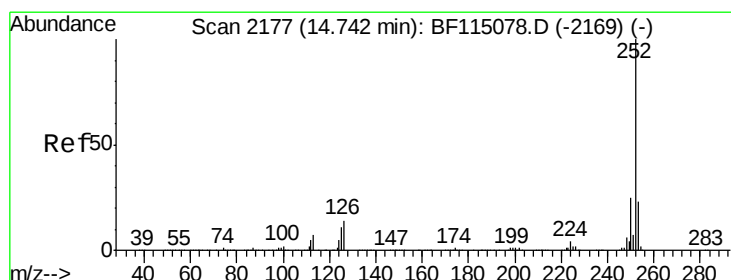
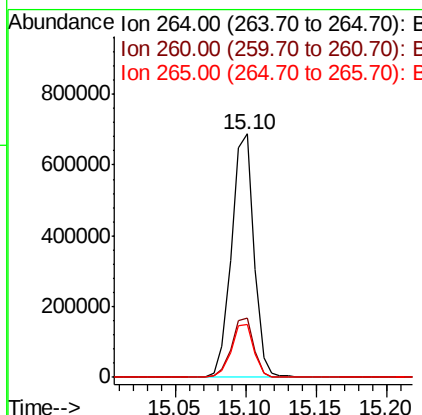
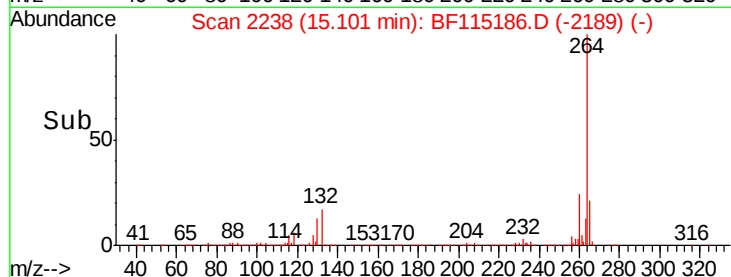
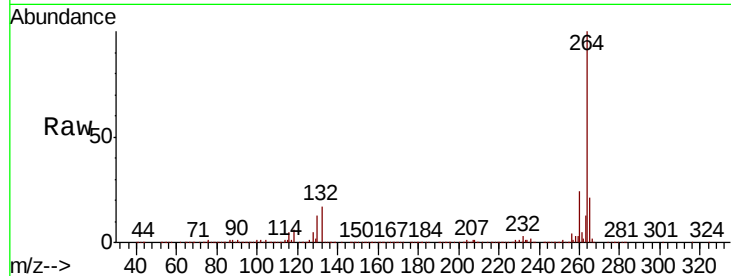
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.10 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Instrument :
BNA_F
ClientSampleId :
PB120785BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	21.5	17.3	25.9

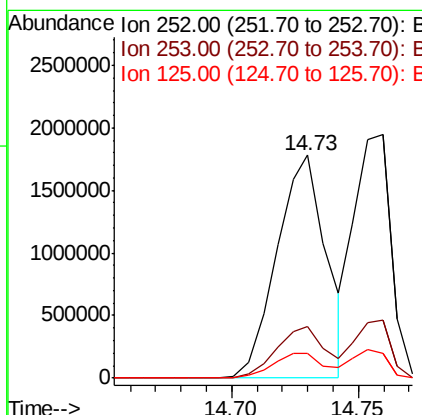
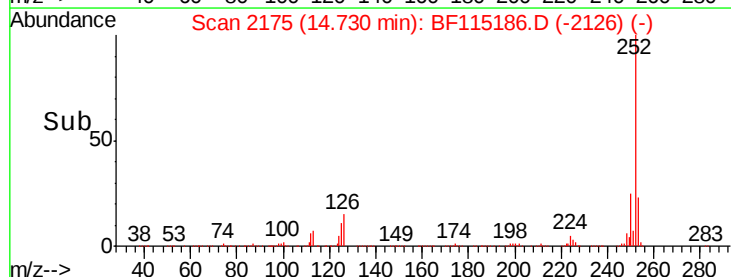
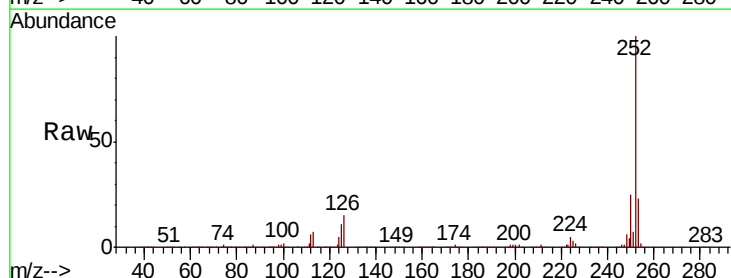
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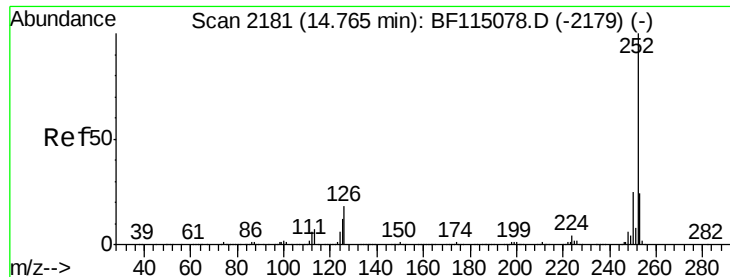
mohammad
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#88
Benzo(b)fluoranthene
Concen: 50.836 ng
RT: 14.73 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	11.1	8.7	13.1





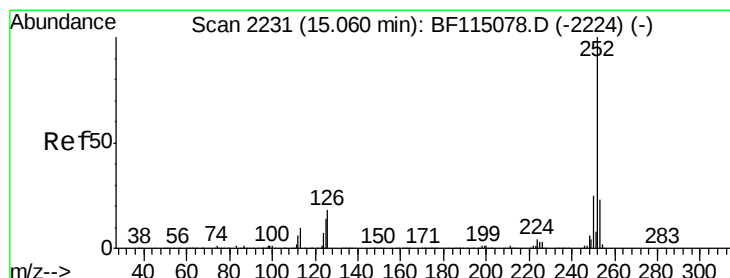
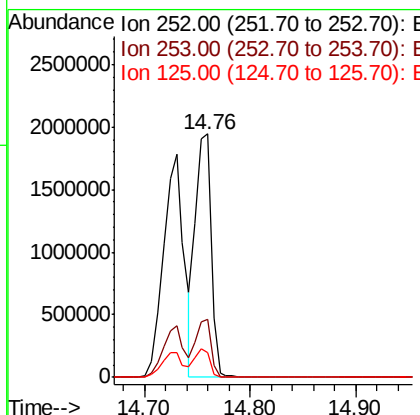
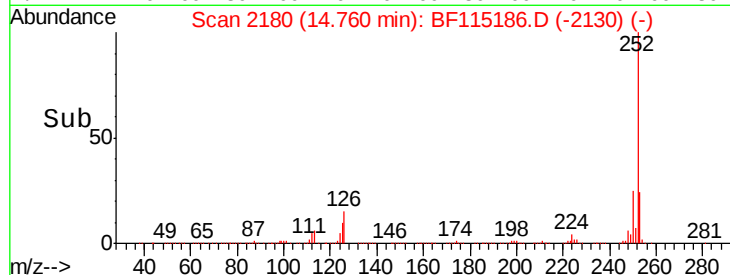
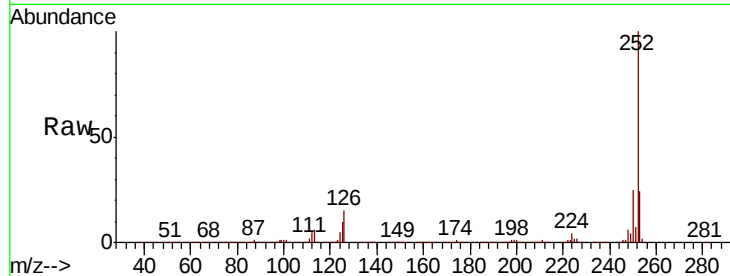
#89
Benzo(k)fluoranthene
Concen: 46.748 ng
RT: 14.76 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Instrument :
BNA_F
ClientSampleId :
PB120785BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.9	28.3
125	10.3	10.2	15.2

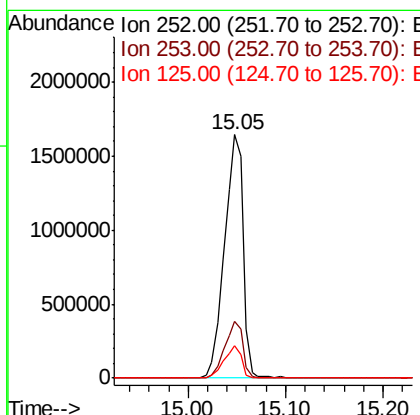
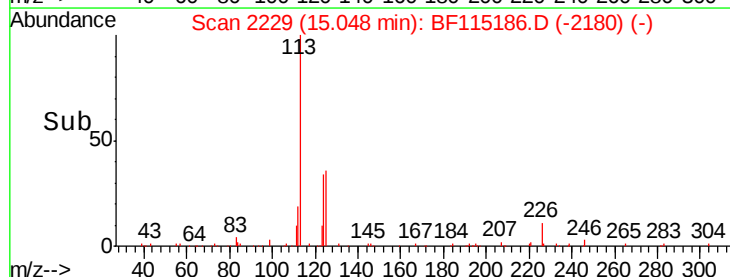
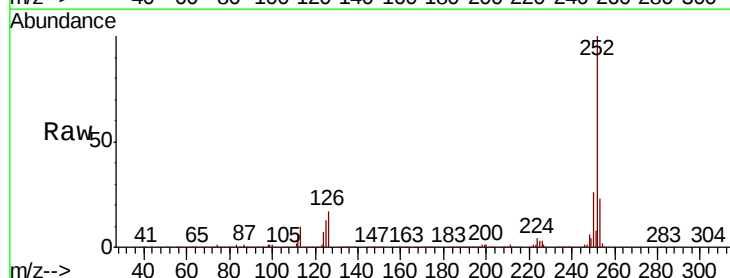
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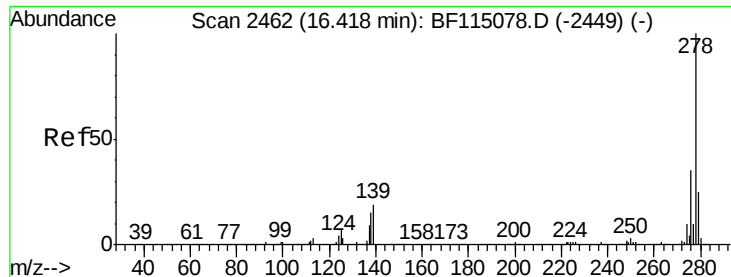
mohammad
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#90
Benzo(a)pyrene
Concen: 50.622 ng
RT: 15.05 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.3	27.5
125	13.2	10.9	16.3





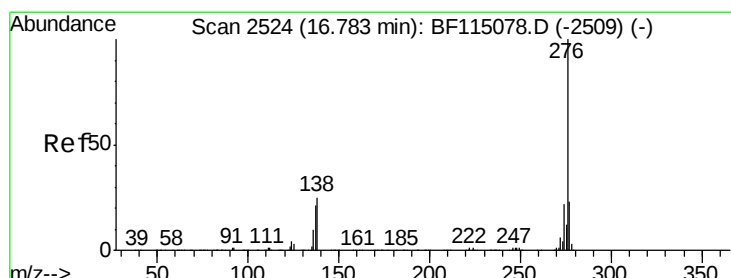
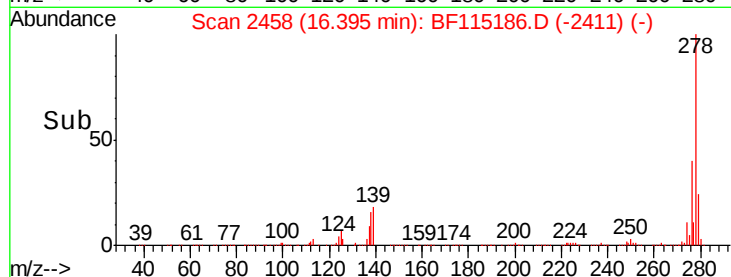
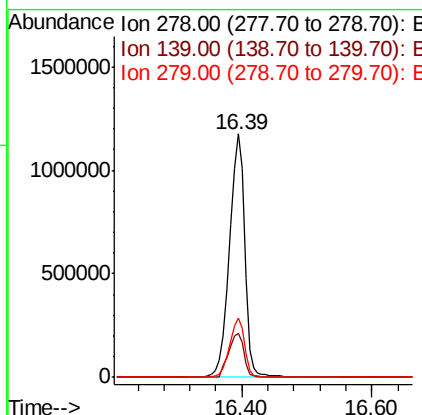
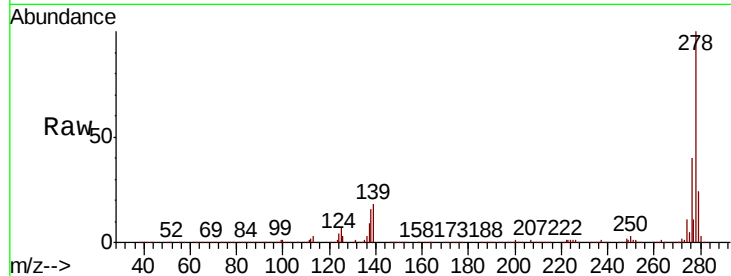
#91
Dibenzo(a,h)anthracene
Concen: 48.405 ng
RT: 16.39 min Scan# 2458
Delta R.T. -0.02 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Instrument :
BNA_F
ClientSampleId :
PB120785BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.2	15.4	23.2
279	24.5	19.9	29.9

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#92
Benzo(g,h,i)perylene
Concen: 48.167 ng
RT: 16.76 min Scan# 2520
Delta R.T. -0.02 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	28.0
138	24.1	19.8	29.6

