

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072619\
 Data File : BF115810.D
 Acq On : 27 Jul 2019 1:52
 Operator : HP/JU
 Sample : K3626-15 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-072519-B

Quant Time: Jul 27 03:34:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	146770	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	493906	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	268811	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	410367	20.00	ng	0.00
76) Chrysene-d12	14.03	240	352570	20.00	ng	0.00
87) Perylene-d12	15.50	264	365936	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	406353	45.29	ng	0.00
7) Phenol-d6	6.50	99	537073	47.17	ng	0.00
23) Nitrobenzene-d5	7.43	82	321252	37.82	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	103024	32.83	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	581863	37.89	ng	-0.01
79) Terphenyl-d14	12.97	244	518406	27.13	ng	-0.01

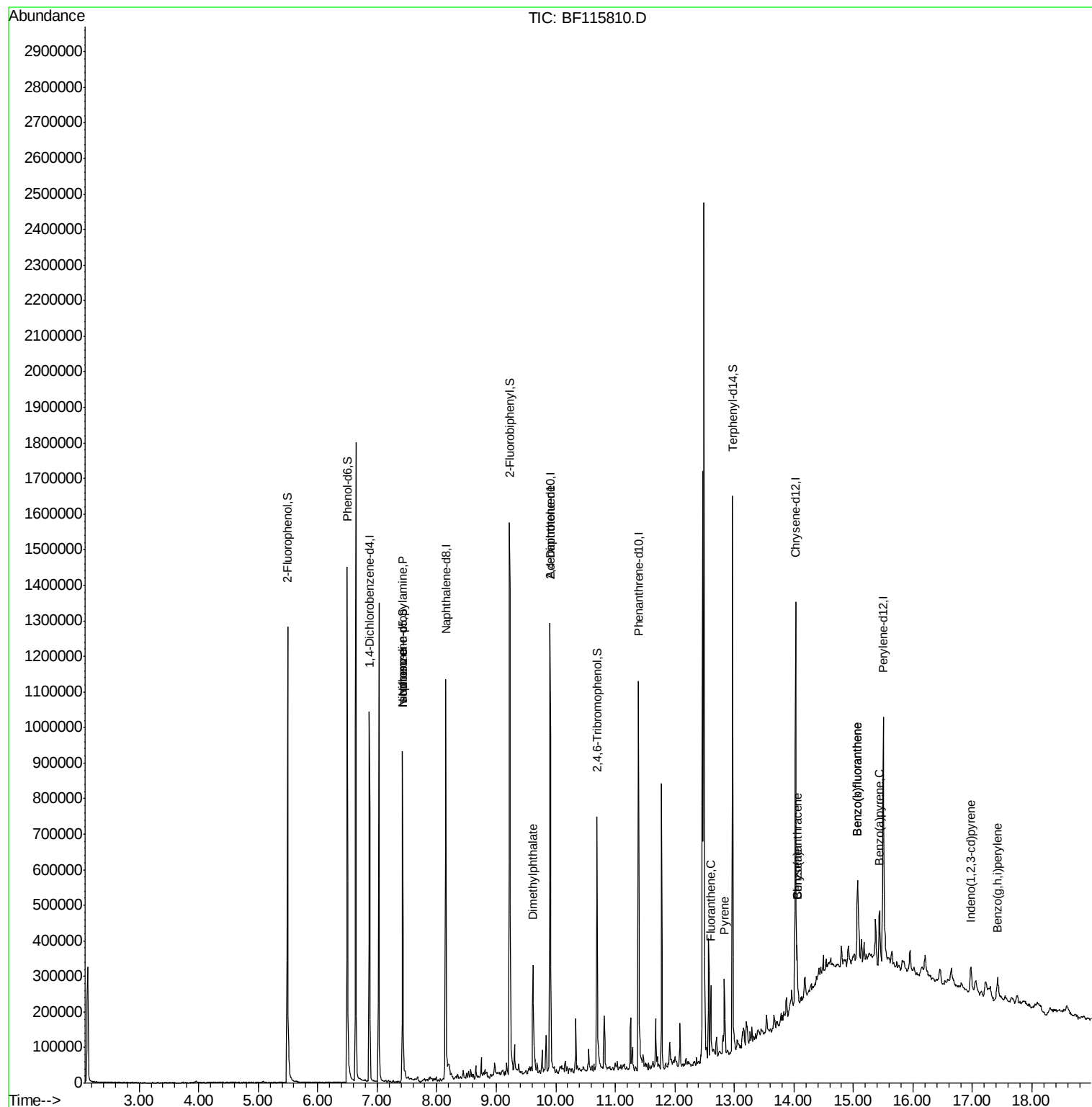
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.43	70	43924	5.915	ng	# 78
25) Isophorone	7.43	82	321250	18.901	ng	# 65
50) Dimethylphthalate	9.62	163	132342	6.544	ng	100
57) 2,4-Dinitrotoluene	9.90	165	35418	5.948	ng	# 24
75) Fluoranthene	12.60	202	82561	3.714	ng	100
78) Pyrene	12.83	202	89816	3.007	ng	96
81) Benzo(a)anthracene	14.05	228	64825	2.791	ng	95
83) Chrysene	14.05	228	64825	2.780	ng	98
86) Indeno(1,2,3-cd)pyrene	16.97	276	52684	2.659	ng	97
88) Benzo(b)fluoranthene	15.07	252	162046	6.877	ng	# 96
89) Benzo(k)fluoranthene	15.07	252	162046	7.714	ng	# 96
90) Benzo(a)pyrene	15.44	252	79914	3.946	ng	95
92) Benzo(g,h,i)perylene	17.42	276	53930	3.041	ng	94

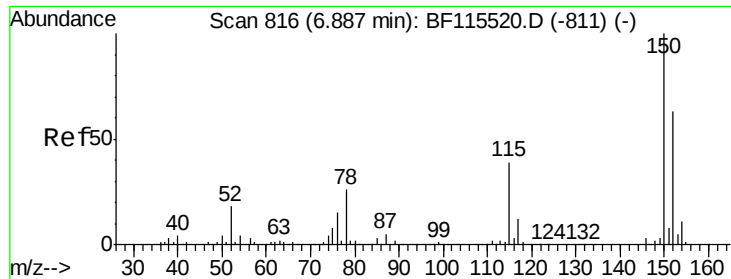
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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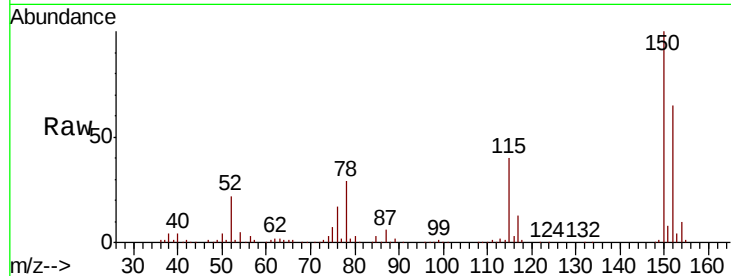


#1

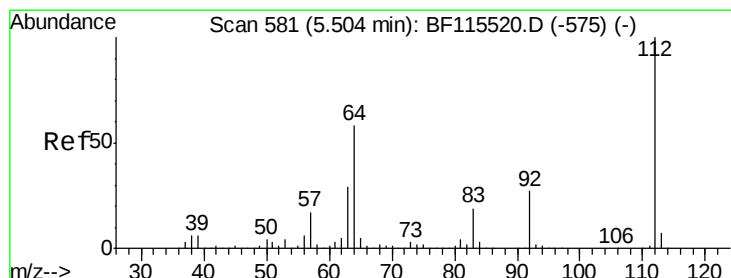
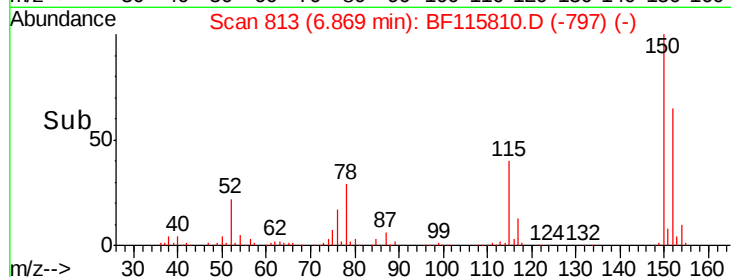
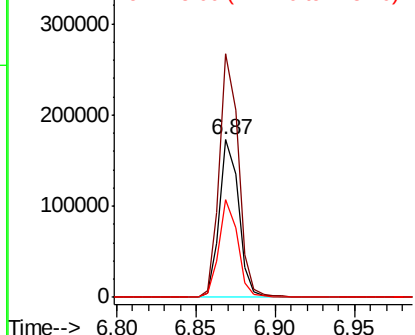
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF115810.D
Acq: 27 Jul 2019 1:52

Instrument :
BNA_F
ClientSampleId :
SU-03-072519-B

Tgt Ion:152 Resp: 146770
Ion Ratio Lower Upper
152 100
150 154.7 126.6 189.8
115 62.3 47.8 71.6



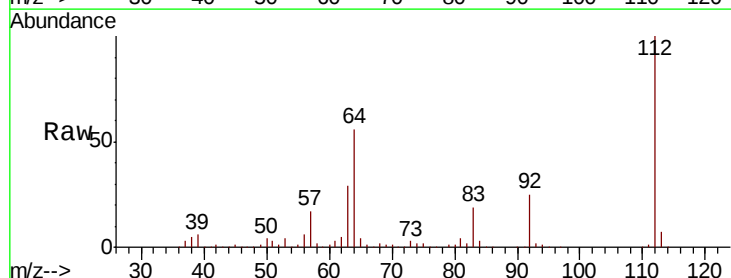
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



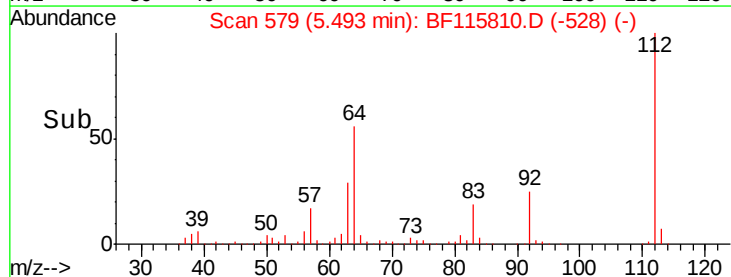
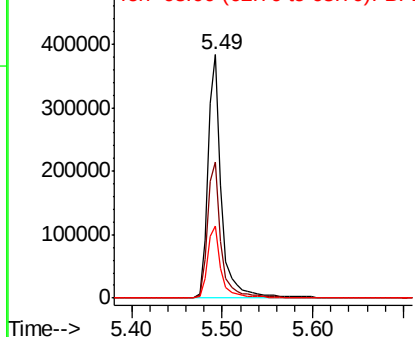
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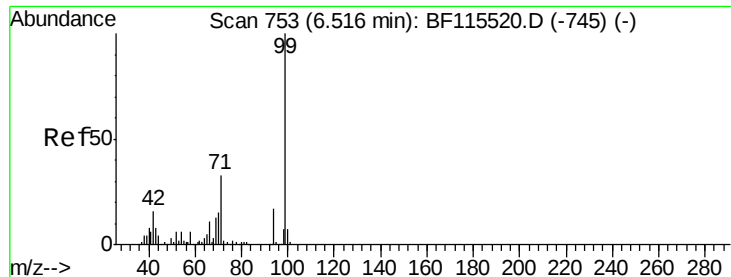
2-Fluorophenol
Concen: 45.287 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF115810.D
Acq: 27 Jul 2019 1:52

Tgt Ion:112 Resp: 406353
Ion Ratio Lower Upper
112 100
64 55.7 45.8 68.8
63 29.5 23.6 35.4



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





#7

Phenol-d6

Concen: 47.172 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF115810.D

Acq: 27 Jul 2019 1:52

Instrument :

BNA_F

ClientSampleId :

SU-03-072519-B

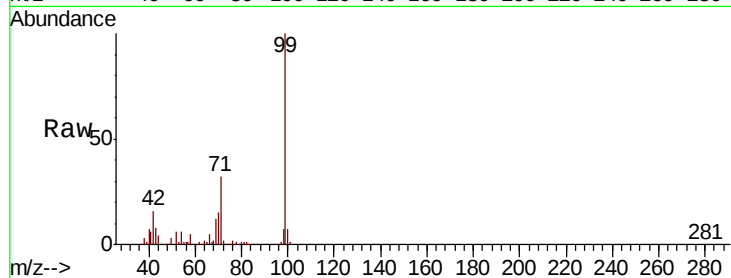
Tgt Ion: 99 Resp: 537073

Ion Ratio Lower Upper

99 100

42 16.4 13.4 20.2

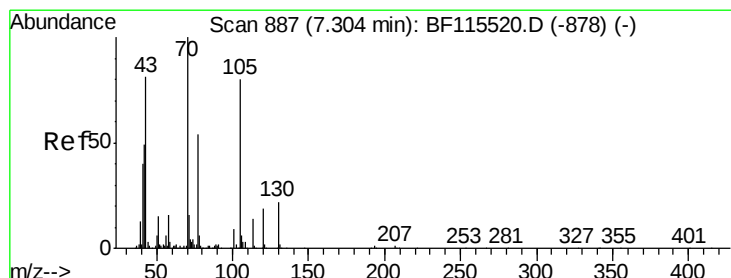
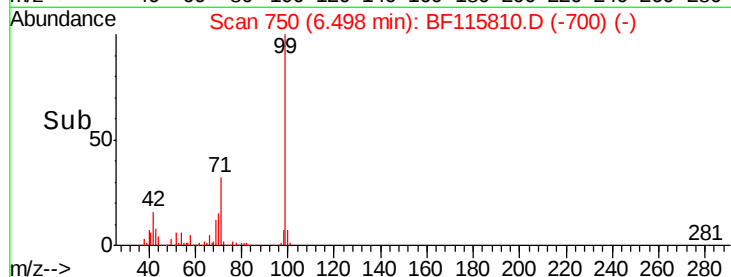
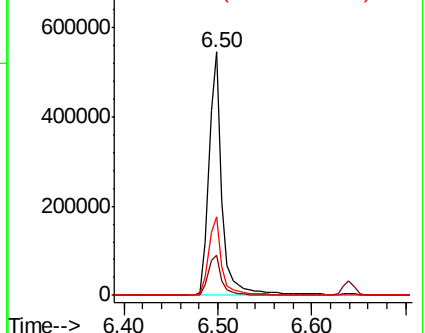
71 32.3 26.7 40.1



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 5.915 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.14 min

Lab File: BF115810.D

Acq: 27 Jul 2019 1:52

Tgt Ion: 70 Resp: 43924

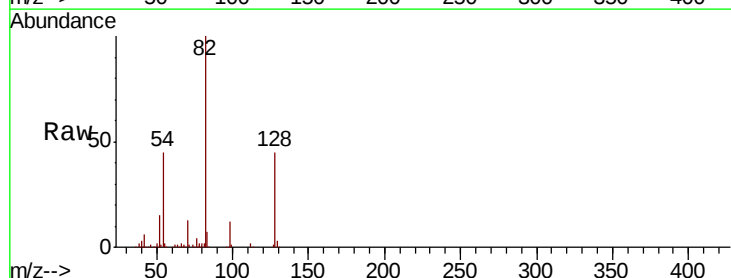
Ion Ratio Lower Upper

70 100

42 42.0 41.8 62.8

101 0.0 7.6 11.4#

130 2.1 16.9 25.3#

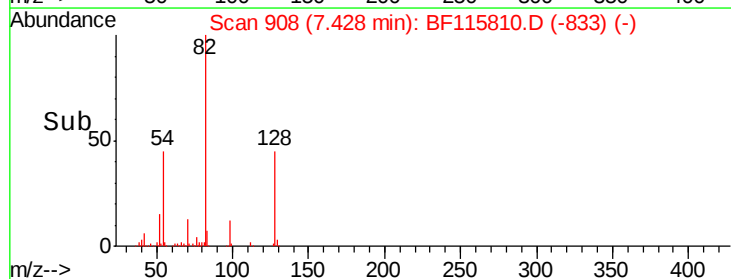
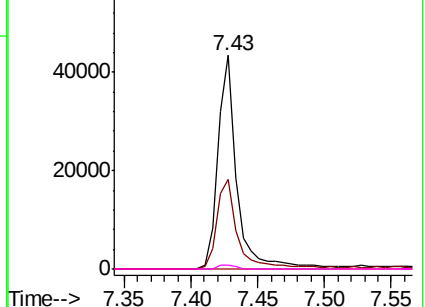


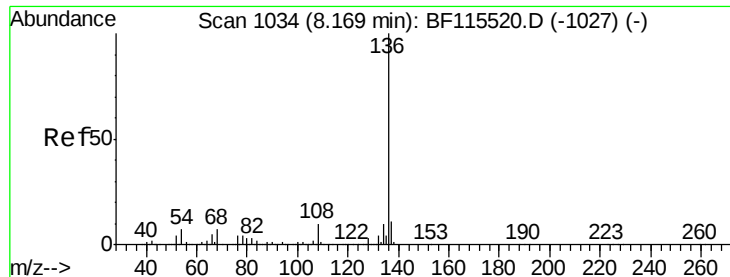
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

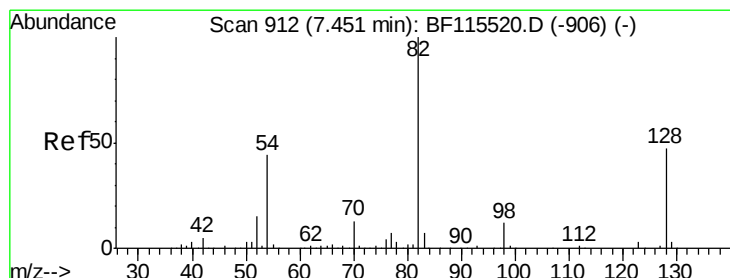
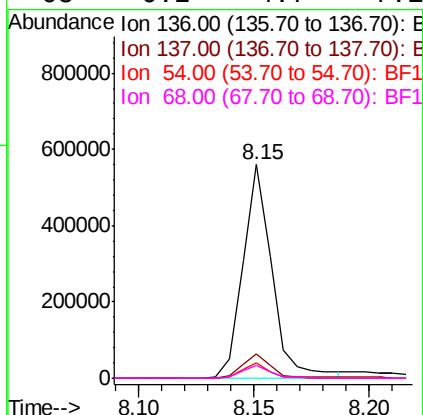
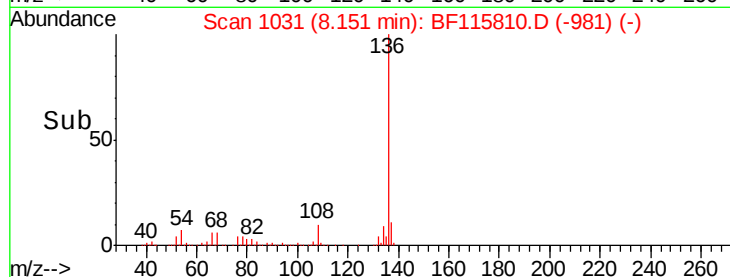
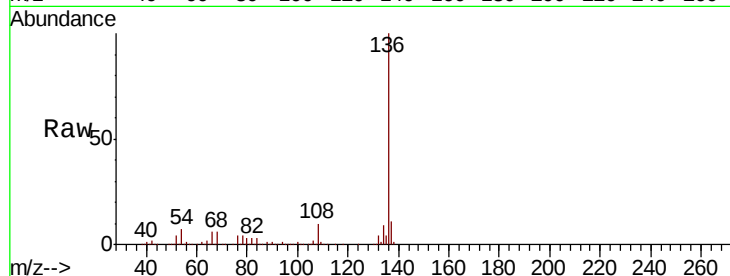




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF115810.D
Acq: 27 Jul 2019 1:52

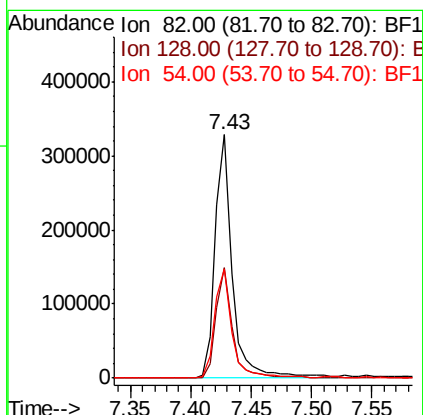
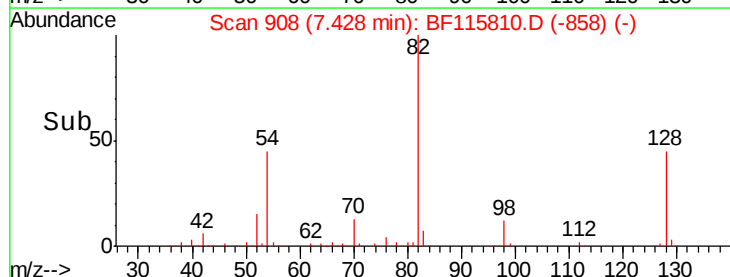
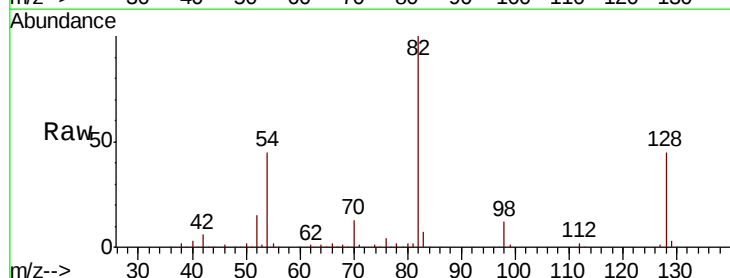
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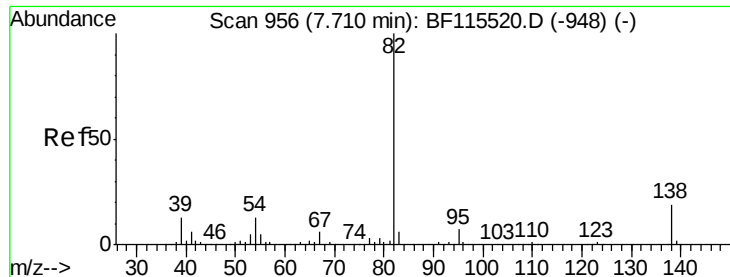
Tgt Ion:	136	Resp:	493906
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.0	5.0	7.6
68	6.2	4.7	7.1



#23
Nitrobenzene-d5
Concen: 37.820 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF115810.D
Acq: 27 Jul 2019 1:52

Tgt Ion:	82	Resp:	321252
Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.6	55.0
54	44.7	36.6	54.8

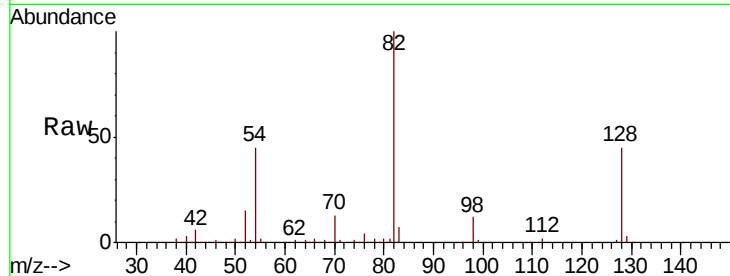




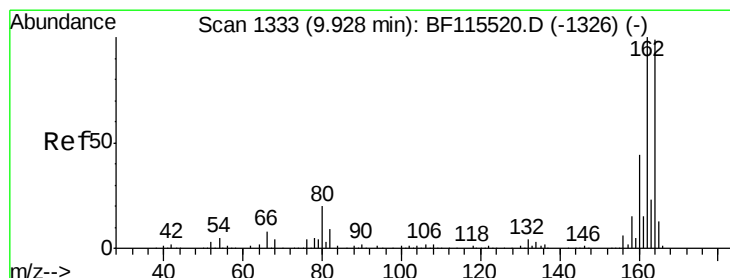
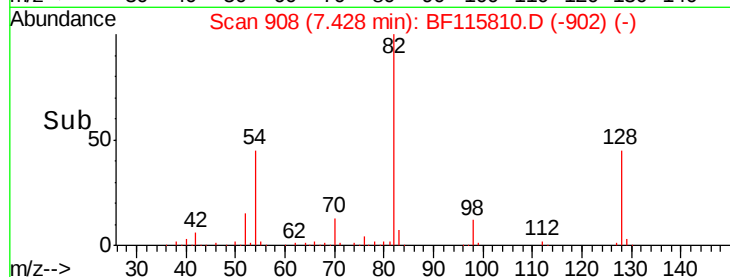
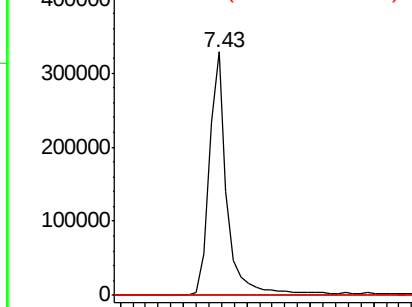
#25
Isophorone
Concen: 18.901 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.26 min
Lab File: BF115810.D
Acq: 27 Jul 2019 1:52

Instrument :
BNA_F
ClientSampleId :
SU-03-072519-B

Tgt Ion: 82 Resp: 321250
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.2 21.4#

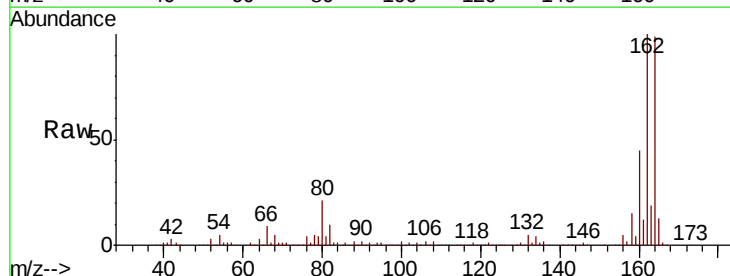


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

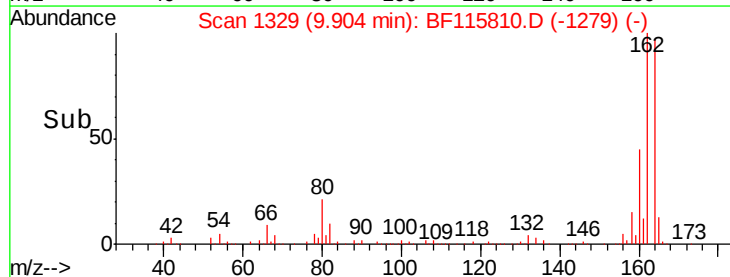
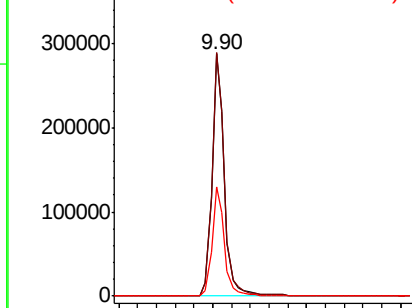


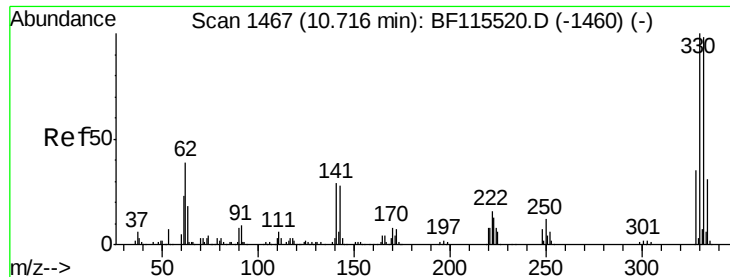
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF115810.D
Acq: 27 Jul 2019 1:52

Tgt Ion: 164 Resp: 268811
Ion Ratio Lower Upper
164 100
162 100.6 81.8 122.6
160 45.0 37.5 56.3



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

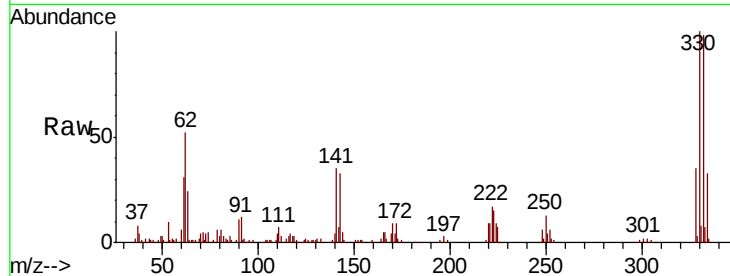




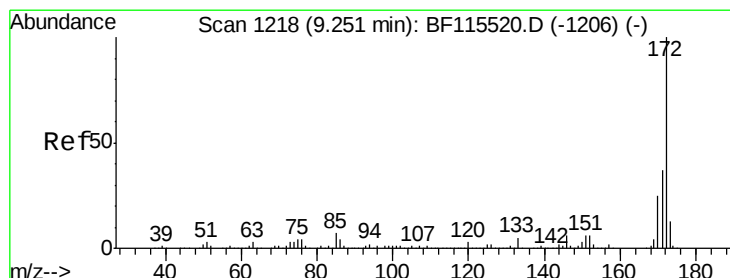
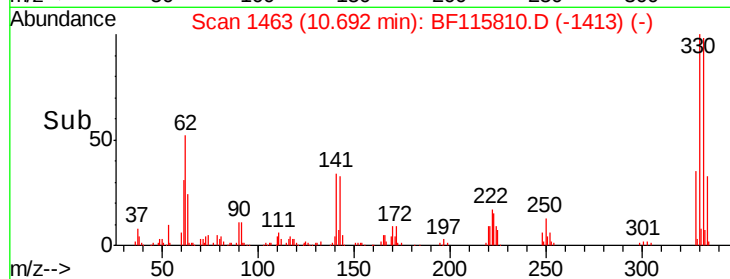
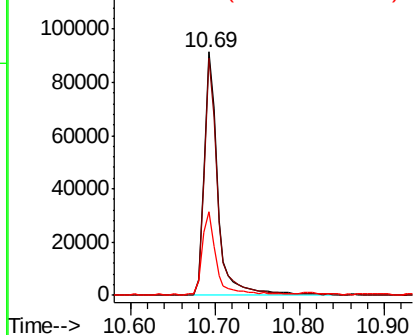
#42
 2,4,6-Tribromophenol
 Concen: 32.834 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF115810.D
 Acq: 27 Jul 2019 1:52

Instrument :
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 SU-03-072519-B

Tgt Ion:330 Resp: 103024
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.1 114.1
 141 36.9 25.9 38.9

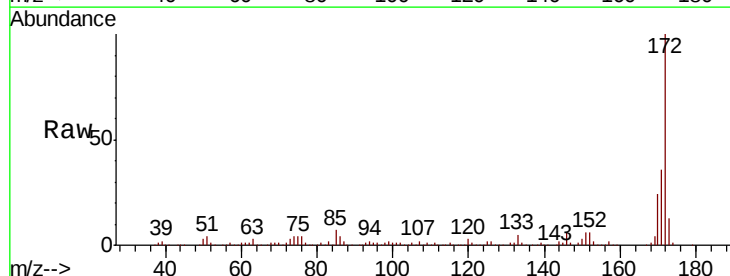


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

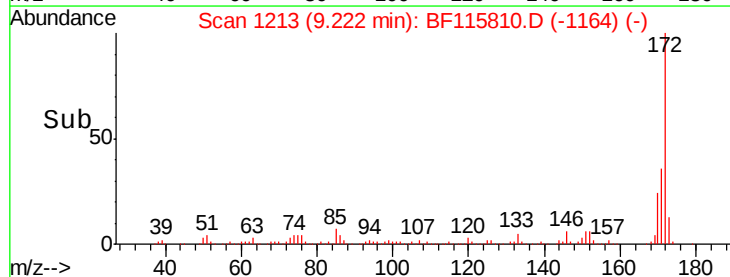
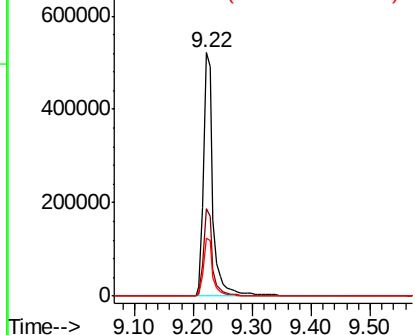


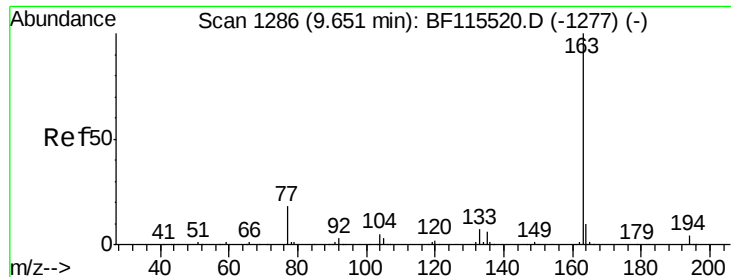
#45
 2-Fluorobiphenyl
 Concen: 37.886 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF115810.D
 Acq: 27 Jul 2019 1:52

Tgt Ion:172 Resp: 581863
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.0 43.4
 170 23.8 20.1 30.1



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

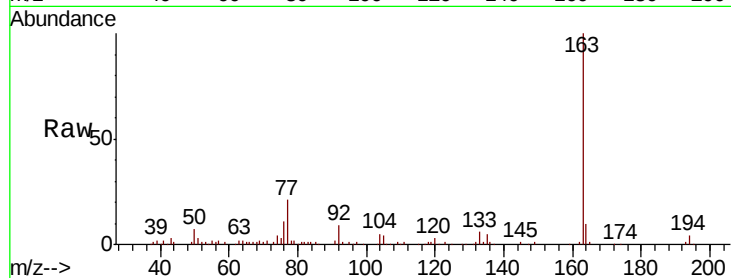




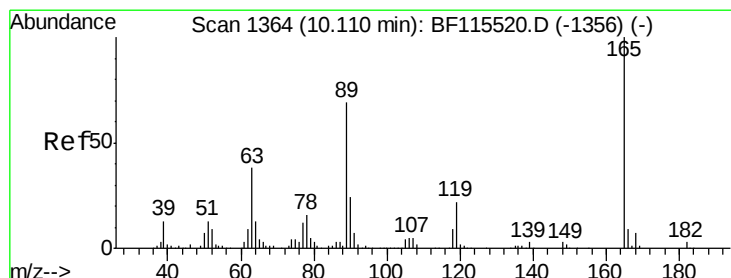
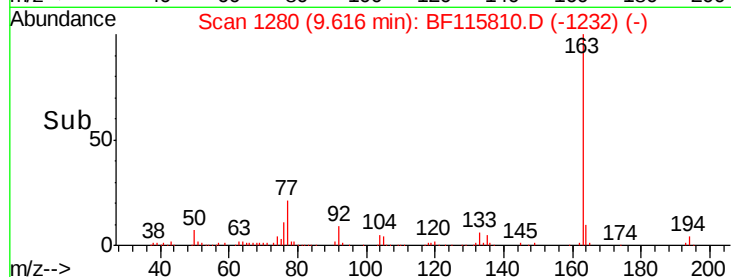
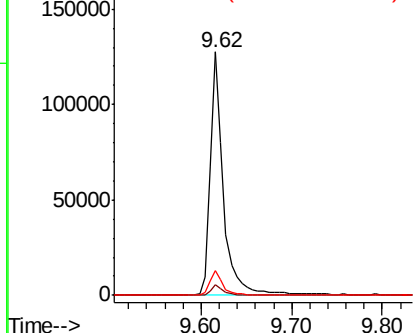
#50
Dimethylphthalate
Concen: 6.544 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF115810.D
Acq: 27 Jul 2019 1:52

Instrument :
BNA_F
ClientSampleId :
SU-03-072519-B

Tgt Ion:163 Resp: 132342
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.3 8.3 12.5

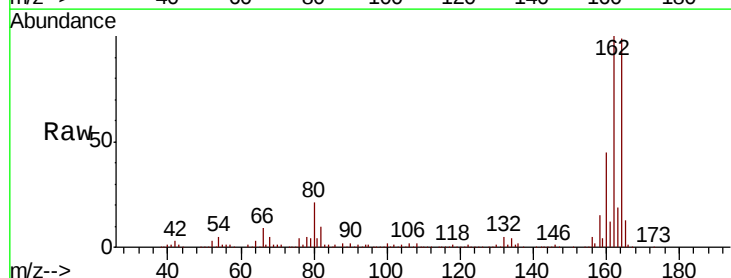


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

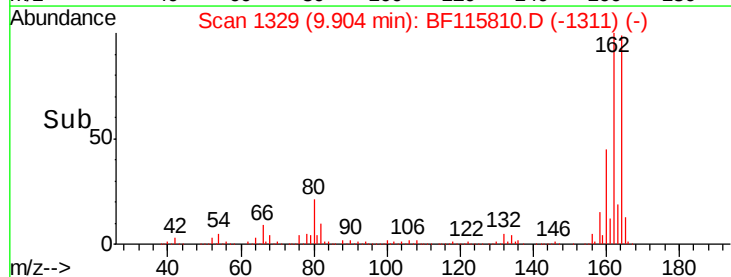
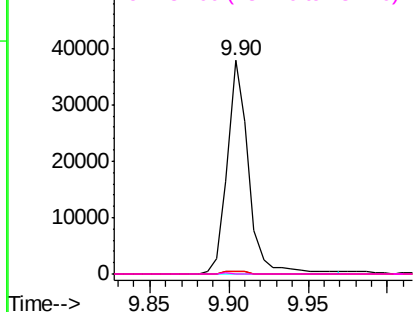


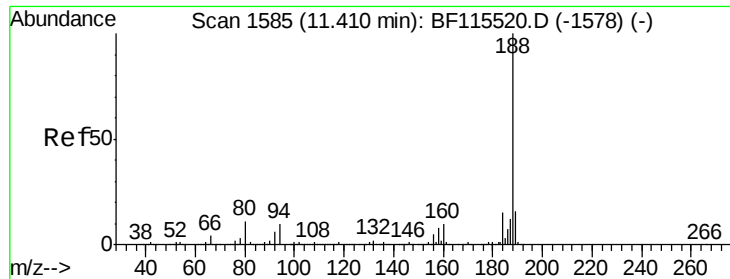
#57
2,4-Dinitrotoluene
Concen: 5.948 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.19 min
Lab File: BF115810.D
Acq: 27 Jul 2019 1:52

Tgt Ion:165 Resp: 35418
Ion Ratio Lower Upper
165 100
63 1.4 33.4 50.2#
89 1.3 57.3 85.9#
182 0.0 2.1 3.1#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BF115810.D

Acq: 27 Jul 2019 1:52

Instrument :

BNA_F

ClientSampleId :

SU-03-072519-B

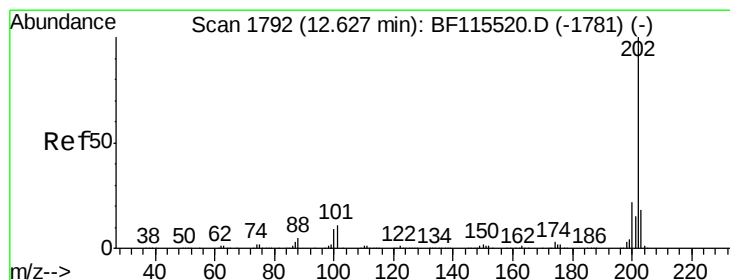
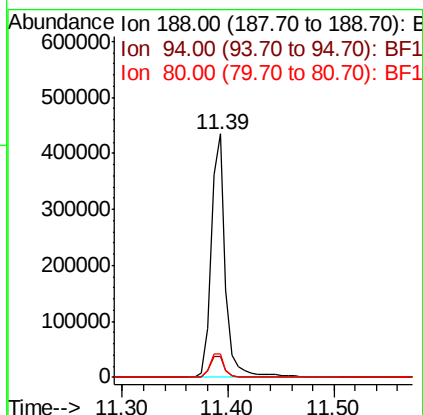
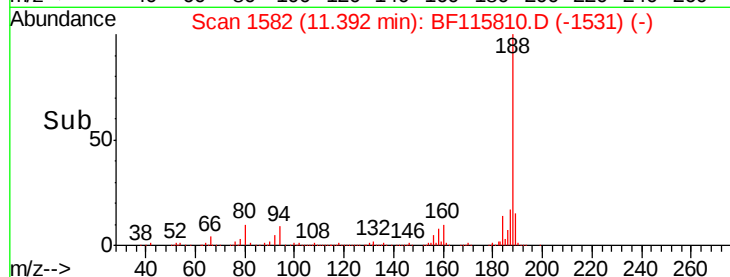
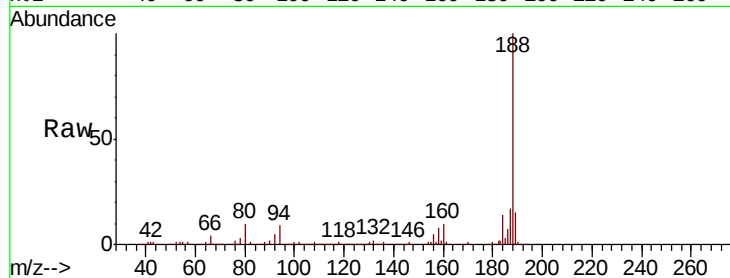
Tgt Ion:188 Resp: 410367

Ion Ratio Lower Upper

188 100

94 8.8 8.2 12.2

80 9.6 9.0 13.6



#75

Fluoranthene

Concen: 3.714 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.01 min

Lab File: BF115810.D

Acq: 27 Jul 2019 1:52

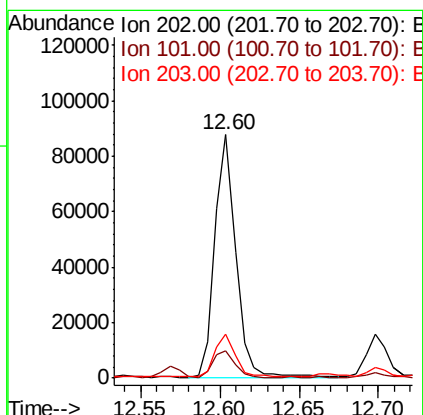
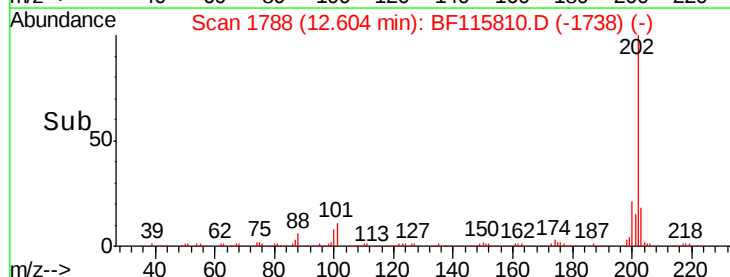
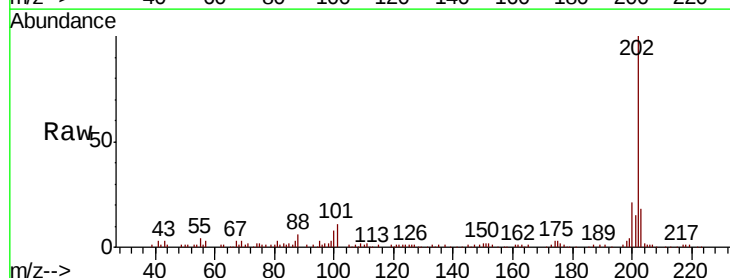
Tgt Ion:202 Resp: 82561

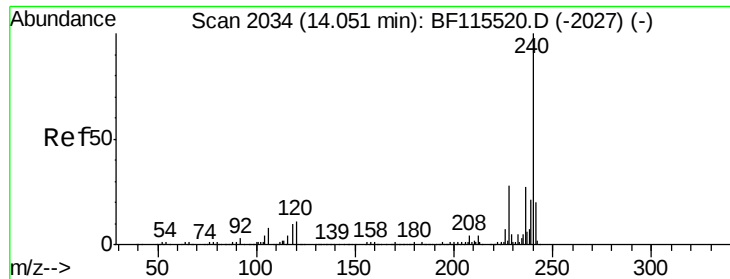
Ion Ratio Lower Upper

202 100

101 11.3 0.0 31.6

203 18.0 0.0 38.0

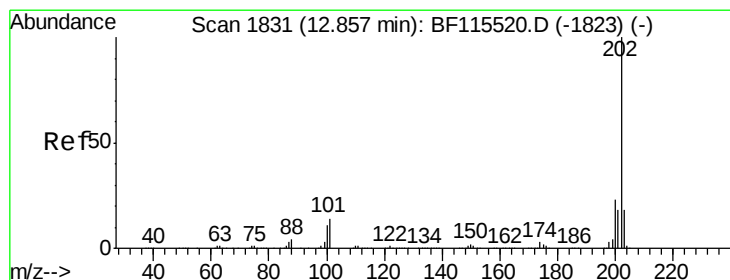
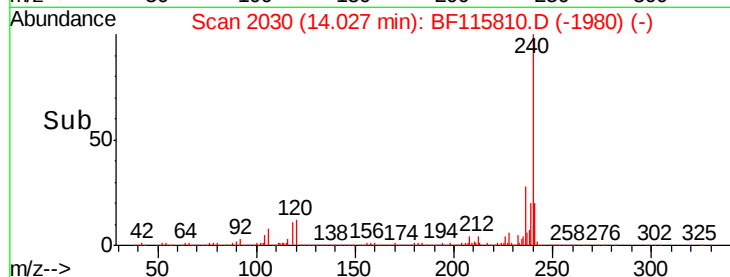
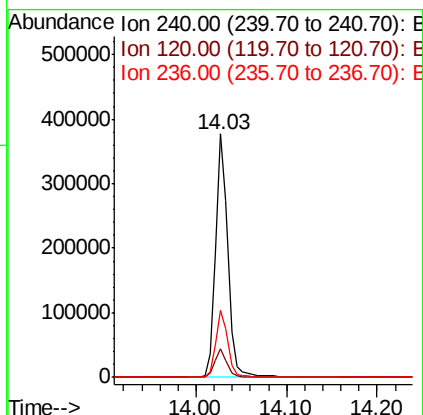
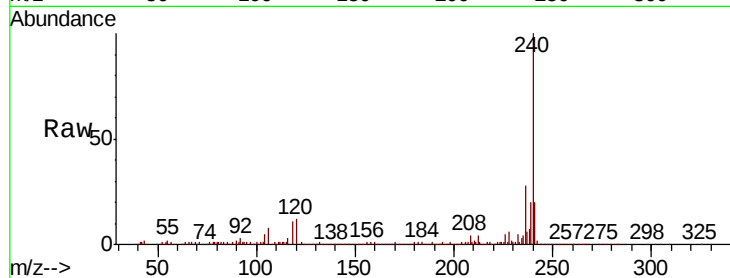




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF115810.D
Acq: 27 Jul 2019 1:52

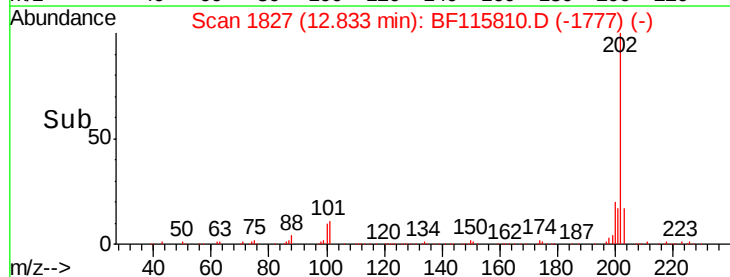
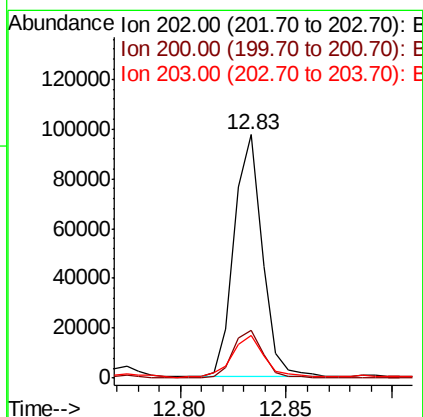
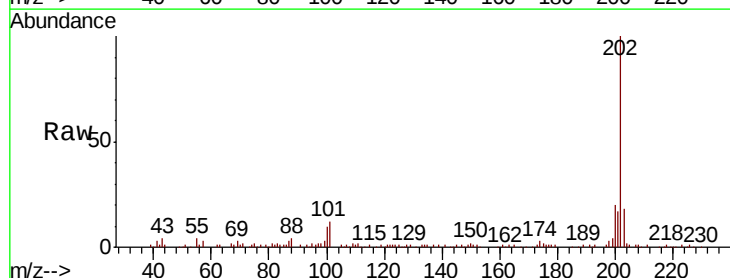
Instrument :
BNA_F
ClientSampleId :
SU-03-072519-B

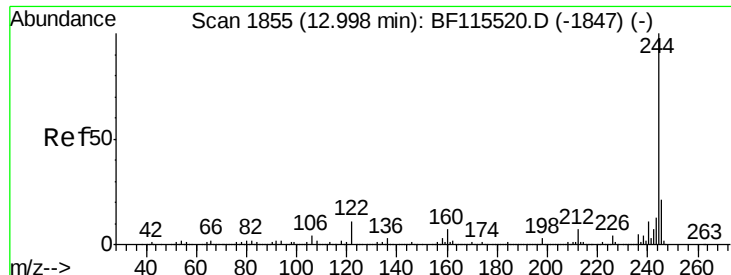
Tgt Ion:240 Resp: 352570
Ion Ratio Lower Upper
240 100
120 11.9 10.0 15.0
236 27.7 21.8 32.6



#78
Pyrene
Concen: 3.007 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BF115810.D
Acq: 27 Jul 2019 1:52

Tgt Ion:202 Resp: 89816
Ion Ratio Lower Upper
202 100
200 19.6 18.2 27.4
203 17.5 14.6 21.8

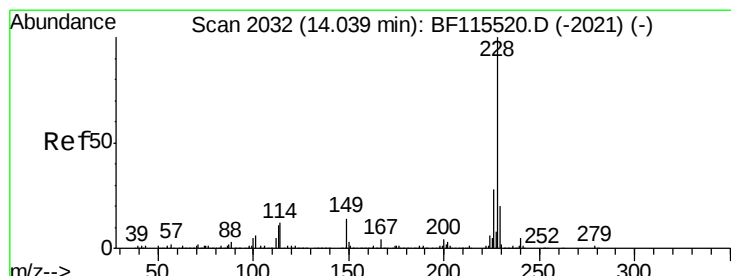
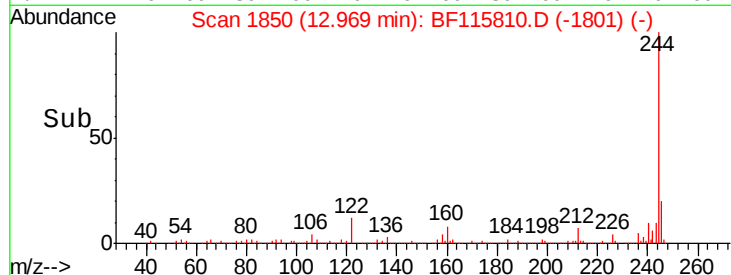
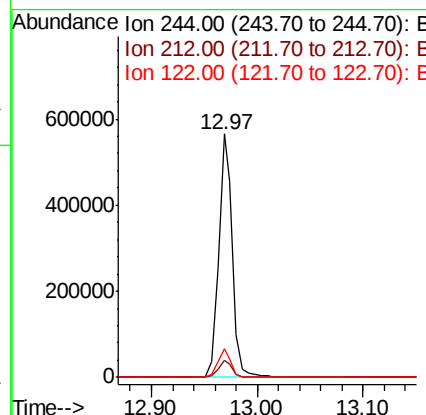
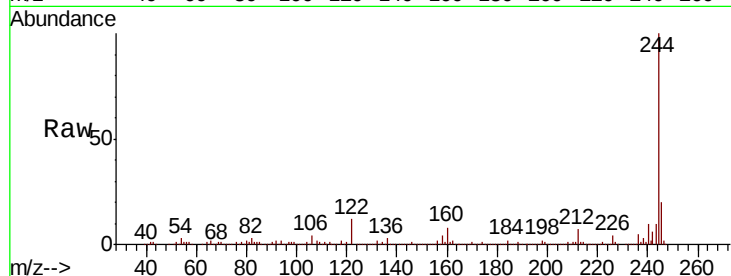




#79
 Terphenyl-d14
 Concen: 27.131 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF115810.D
 Acq: 27 Jul 2019 1:52

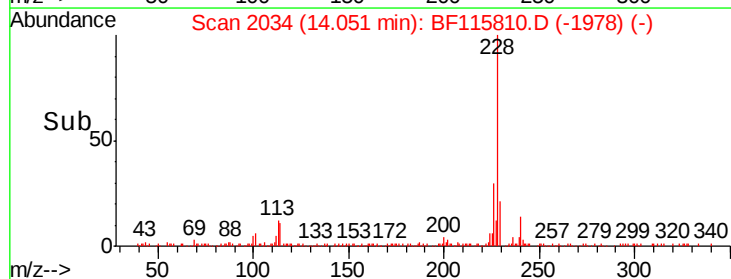
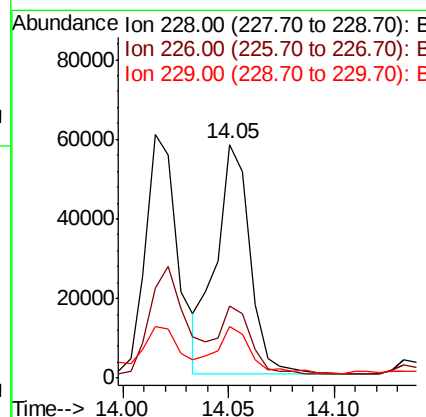
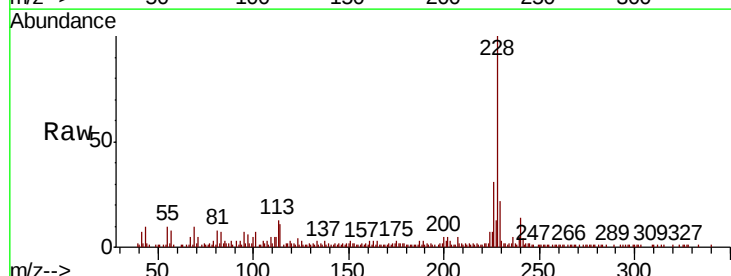
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-072519-B

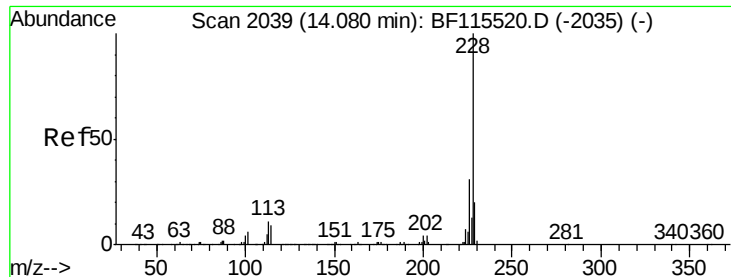
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	12.0	8.2	12.4



#81
 Benzo(a)anthracene
 Concen: 2.791 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.03 min
 Lab File: BF115810.D
 Acq: 27 Jul 2019 1:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	22.2	33.2
229	22.1	16.1	24.1





#83

Chrysene

Concen: 2.780 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF115810.D

Acq: 27 Jul 2019 1:52

Instrument :

BNA_F

ClientSampleId :

SU-03-072519-B

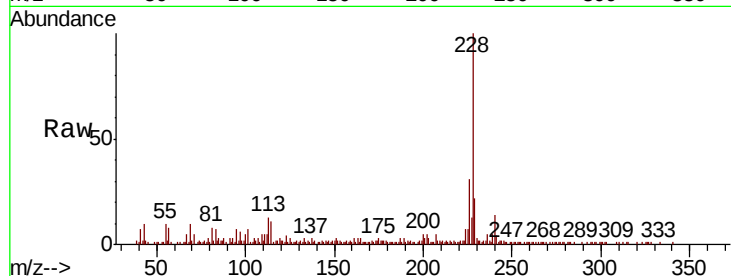
Tgt Ion:228 Resp: 64825

Ion Ratio Lower Upper

228 100

226 30.7 25.0 37.4

229 22.1 16.2 24.2

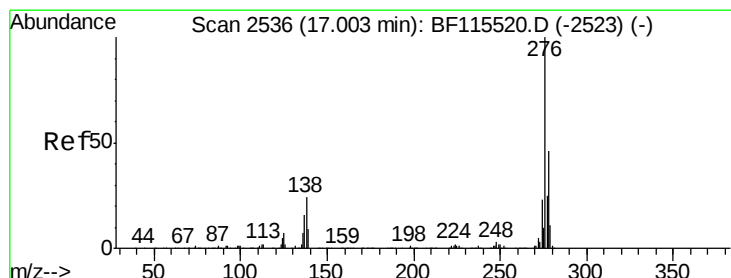
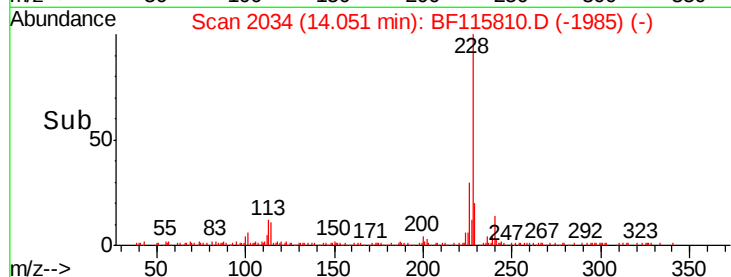
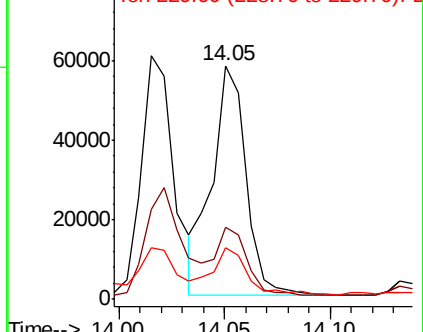


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Indeno(1,2,3-cd)pyrene

Concen: 2.659 ng

RT: 16.97 min Scan# 2531

Delta R.T. -0.01 min

Lab File: BF115810.D

Acq: 27 Jul 2019 1:52

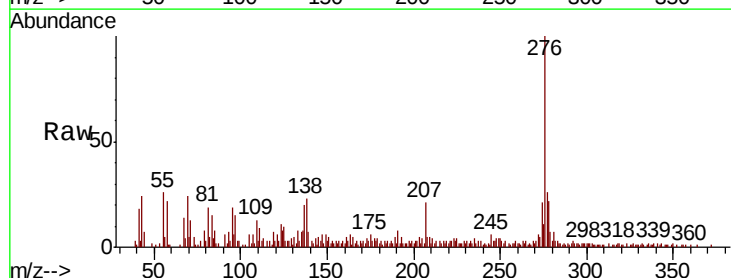
Tgt Ion:276 Resp: 52684

Ion Ratio Lower Upper

276 100

138 22.2 20.1 30.1

277 24.4 19.8 29.8

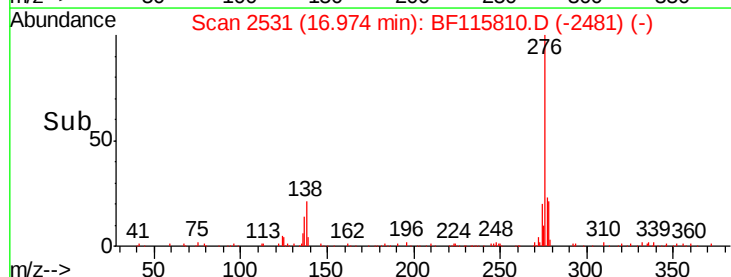
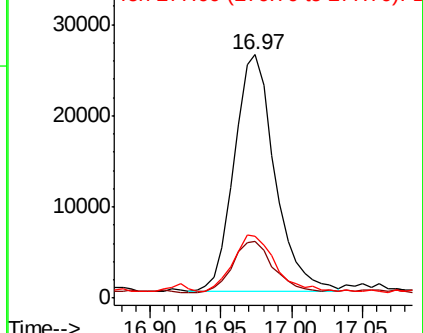


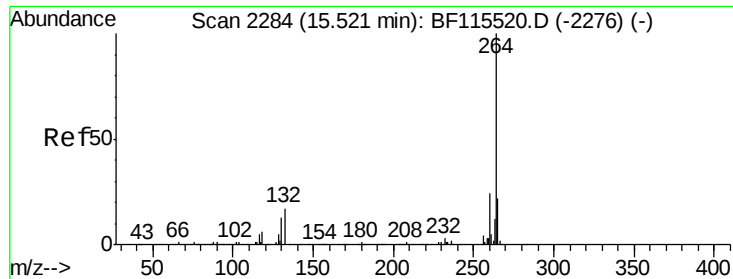
Abundance

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

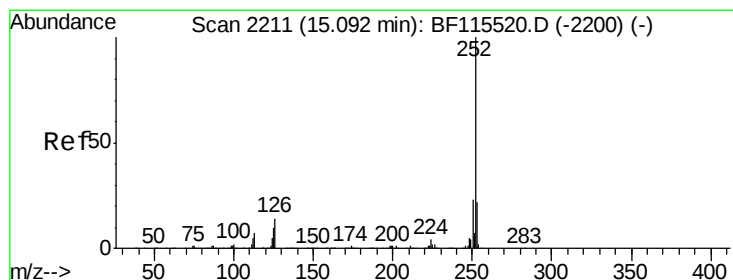
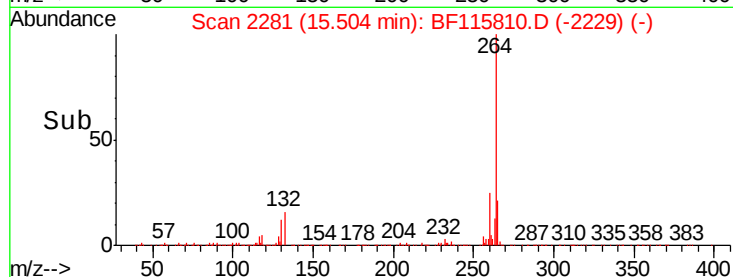
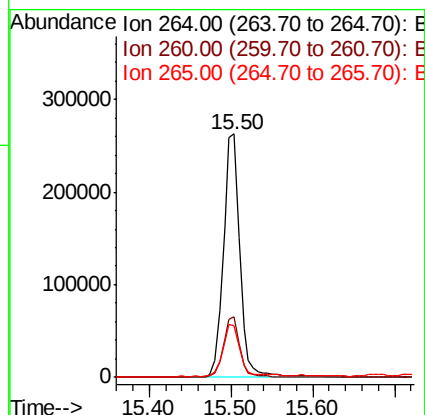
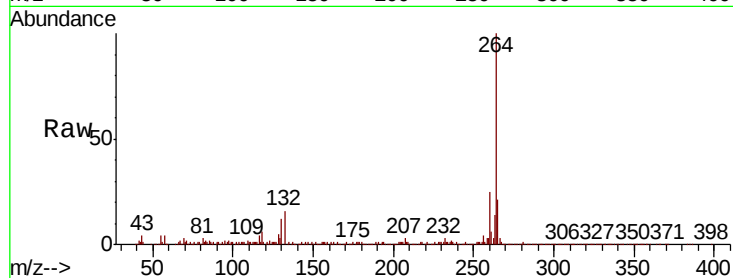




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BF115810.D
Acq: 27 Jul 2019 1:52

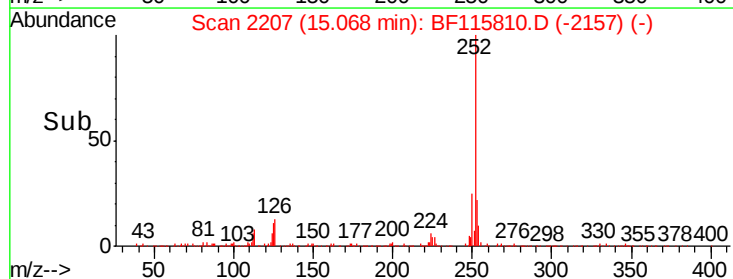
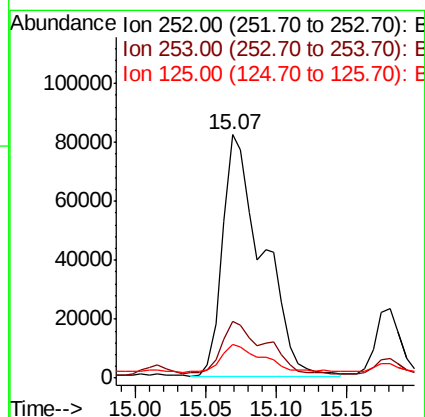
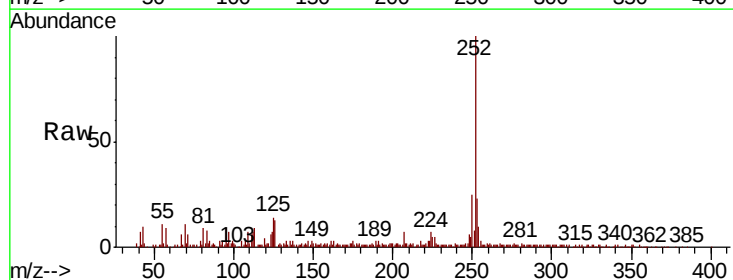
Instrument :
BNA_F
ClientSampleId :
SU-03-072519-B

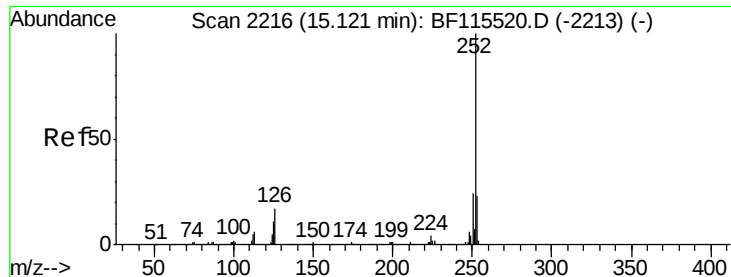
Tgt Ion:264 Resp: 365936
Ion Ratio Lower Upper
264 100
260 24.9 19.8 29.6
265 21.0 17.5 26.3



#88
Benzo(b)fluoranthene
Concen: 6.877 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF115810.D
Acq: 27 Jul 2019 1:52

Tgt Ion:252 Resp: 162046
Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.8
125 13.9 8.4 12.6#

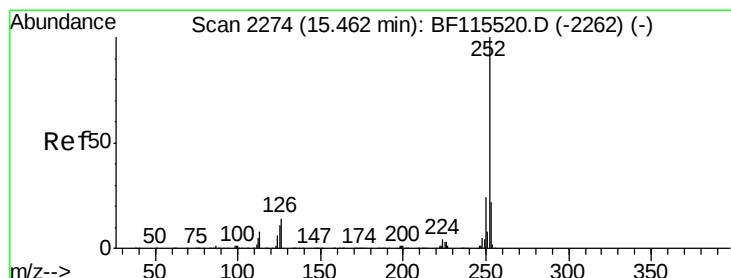
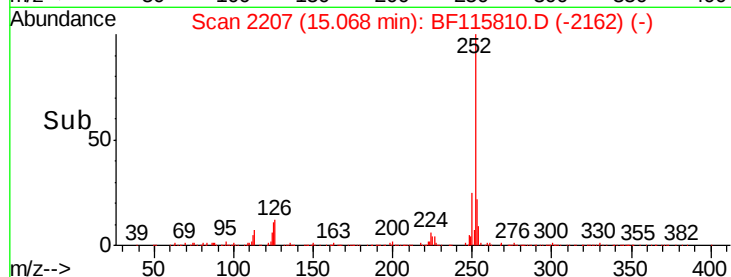
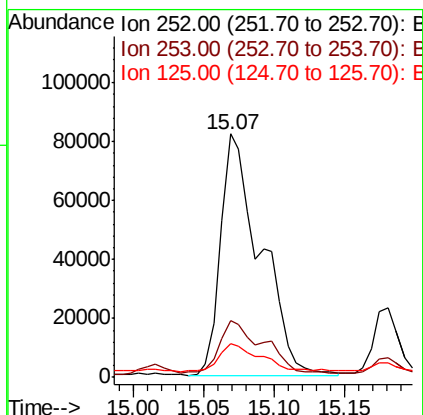
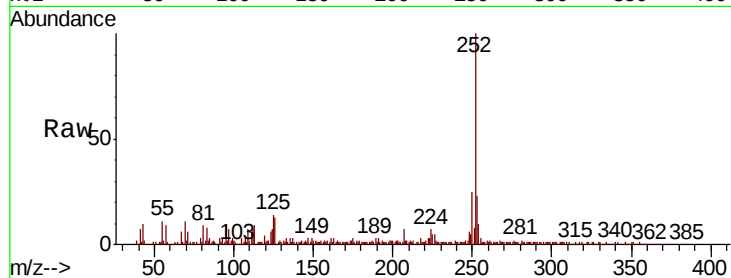




#89
Benzo(k)fluoranthene
Concen: 7.714 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.04 min
Lab File: BF115810.D
Acq: 27 Jul 2019 1:52

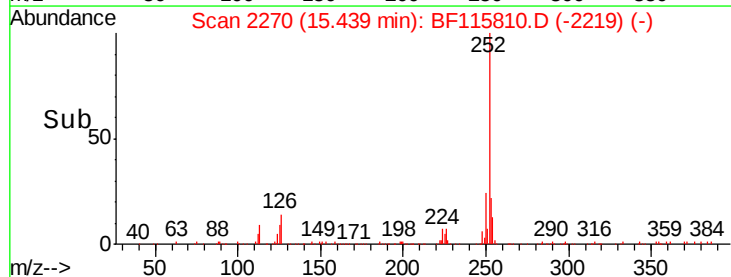
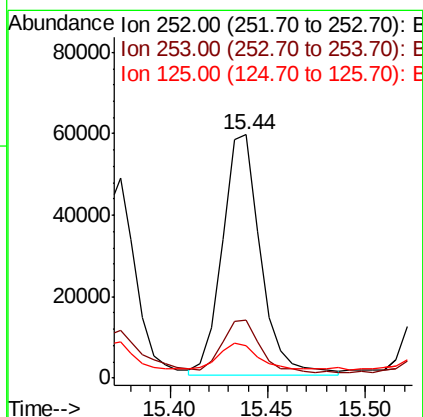
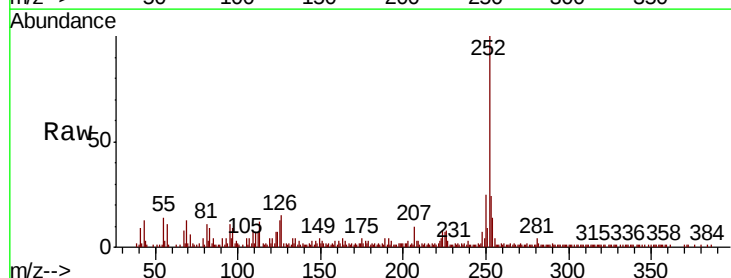
Instrument :
BNA_F
ClientSampleId :
SU-03-072519-B

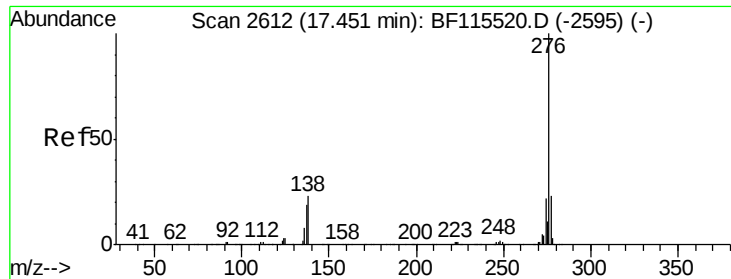
Tgt Ion: 252 Resp: 162046
Ion Ratio Lower Upper
252 100
253 23.4 18.1 27.1
125 13.9 8.6 13.0#



#90
Benzo(a)pyrene
Concen: 3.946 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF115810.D
Acq: 27 Jul 2019 1:52

Tgt Ion: 252 Resp: 79914
Ion Ratio Lower Upper
252 100
253 24.0 17.3 25.9
125 13.2 9.4 14.2





#92
 Benzo(g,h,i)perylene
 Concen: 3.041 ng
 RT: 17.42 min Scan# 2607
 Delta R.T. -0.01 min
 Lab File: BF115810.D
 Acq: 27 Jul 2019 1:52

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-072519-B

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.1	27.1
138	24.5	16.6	24.8

