

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032520\
 Data File : BF119520.D
 Acq On : 26 Mar 2020 1:04
 Operator : CG/JU
 Sample : L1994-02 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4A

Quant Time: Mar 26 06:59:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

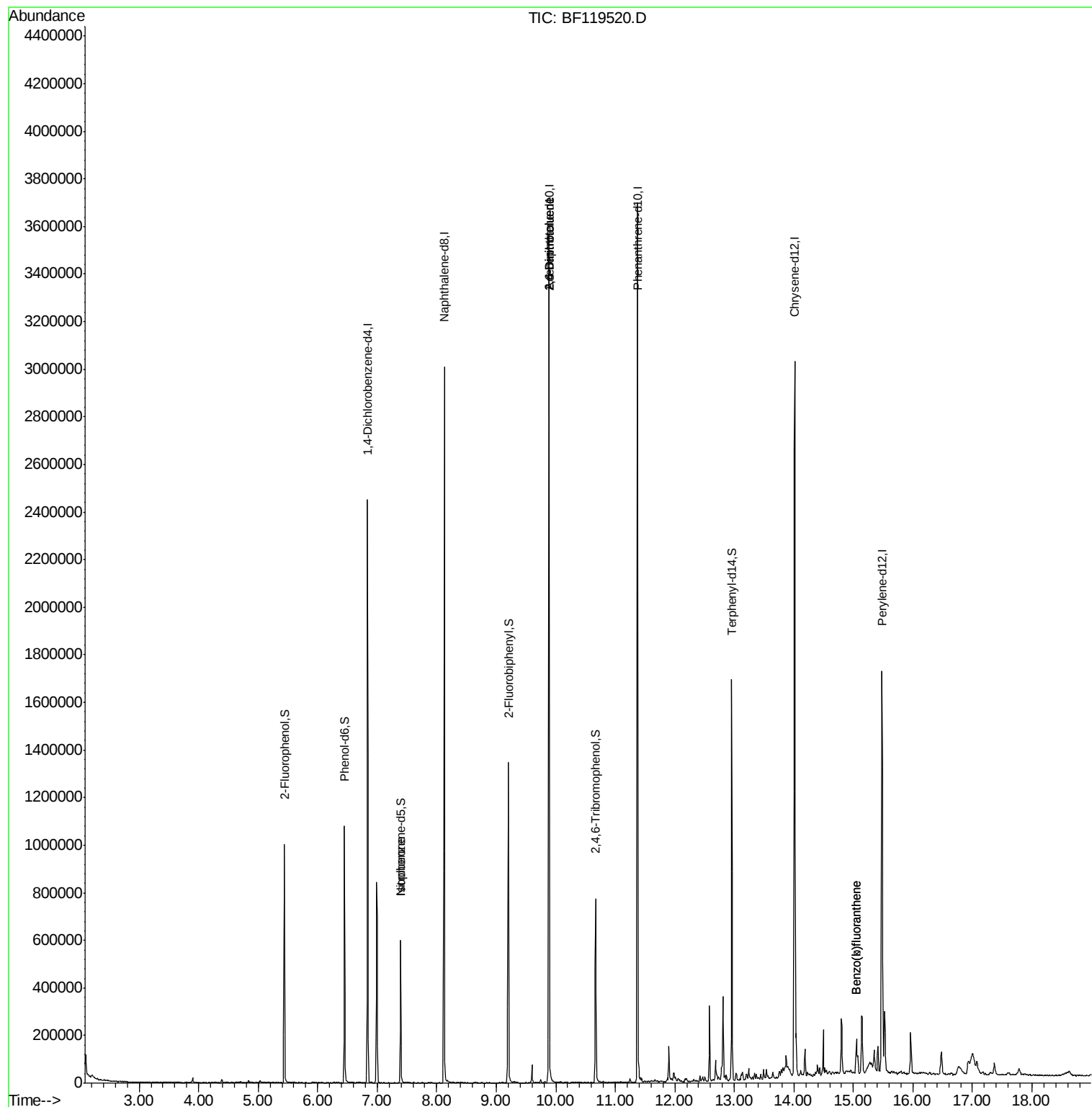
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	345740	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	1345213	20.00	ng	-0.02
39) Acenaphthene-d10	9.89	164	729907	20.00	ng	-0.02
64) Phenanthrene-d10	11.37	188	1385613	20.00	ng	-0.02
76) Chrysene-d12	14.02	240	1018114	20.00	ng	-0.02
87) Perylene-d12	15.48	264	800566	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	241341	11.11	ng	-0.02
7) Phenol-d6	6.45	99	309688	11.16	ng	-0.02
23) Nitrobenzene-d5	7.39	82	186717	7.54	ng	-0.03
42) 2,4,6-Tribromophenol	10.67	330	94360	12.53	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	430947	8.75	ng	-0.02
79) Terphenyl-d14	12.96	244	547577	10.54	ng	-0.02
Target Compounds						
25) Isophorone	7.39	82	184297	3.671	ng	# 66
51) 2,6-Dinitrotoluene	9.89	165	93433	8.408	ng	# 18
57) 2,4-Dinitrotoluene	9.89	165	93572	6.684	ng	# 25
88) Benzo(b)fluoranthene	15.05	252	108463	2.028	ng	99
89) Benzo(k)fluoranthene	15.05	252	108463	2.130	ng	99

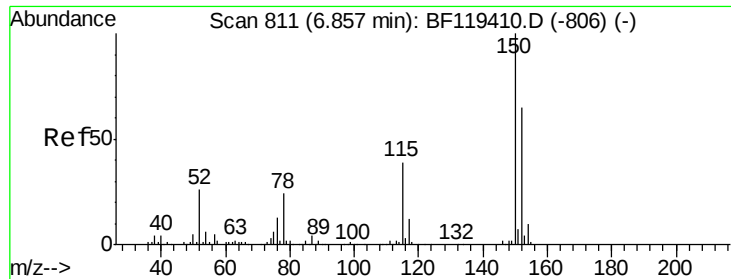
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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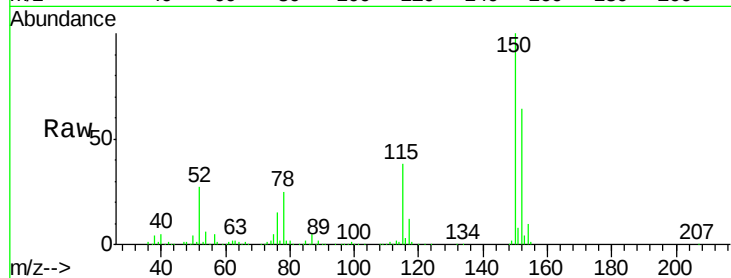


#1

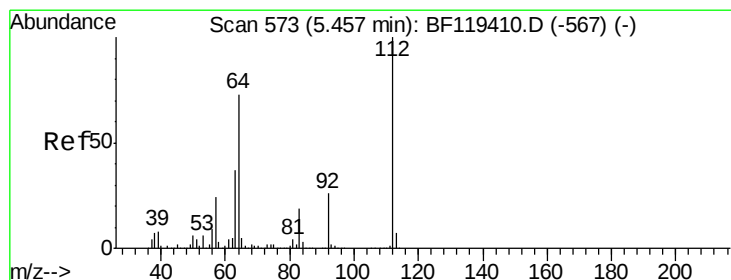
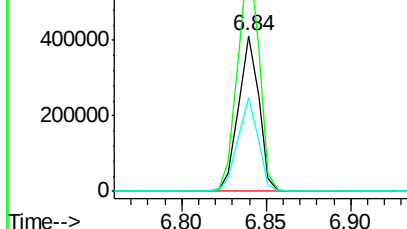
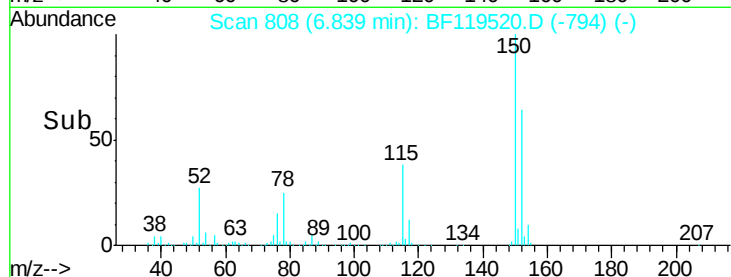
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.02 min
Lab File: BF119520.D
Acq: 26 Mar 2020 1:04

Instrument :
BNA_F
ClientSampleId :
TP-4A

Tgt Ion:152 Resp: 345740
Ion Ratio Lower Upper
152 100
150 156.7 123.9 185.9
115 60.3 47.8 71.6



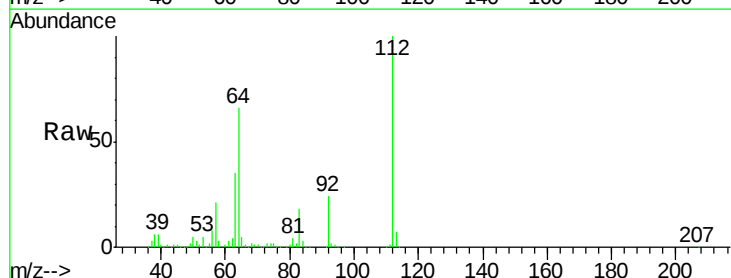
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



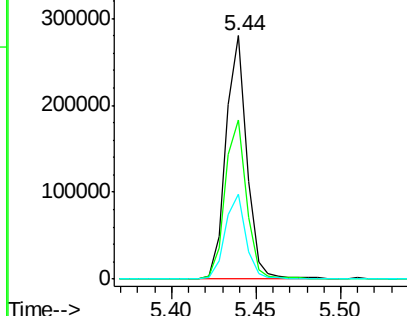
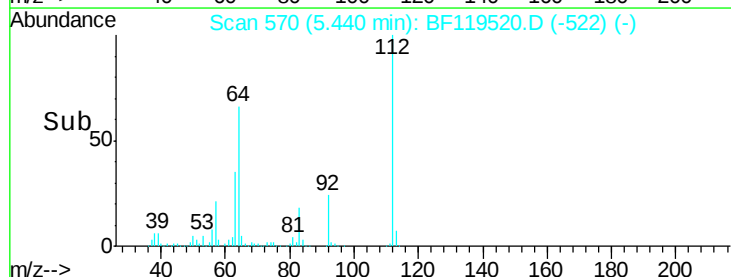
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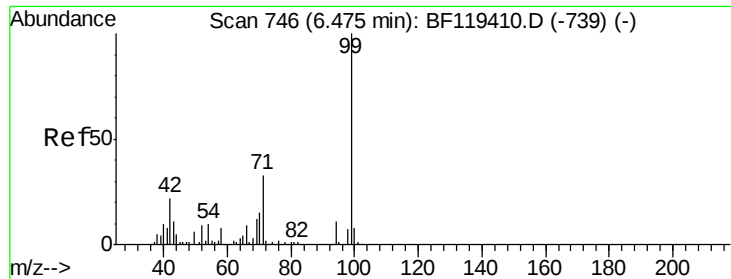
2-Fluorophenol
Concen: 11.112 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.02 min
Lab File: BF119520.D
Acq: 26 Mar 2020 1:04

Tgt Ion:112 Resp: 241341
Ion Ratio Lower Upper
112 100
64 65.6 58.1 87.1
63 34.6 29.7 44.5



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: 11.162 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF119520.D

Acq: 26 Mar 2020 1:04

Instrument :

BNA_F

ClientSampleId :

TP-4A

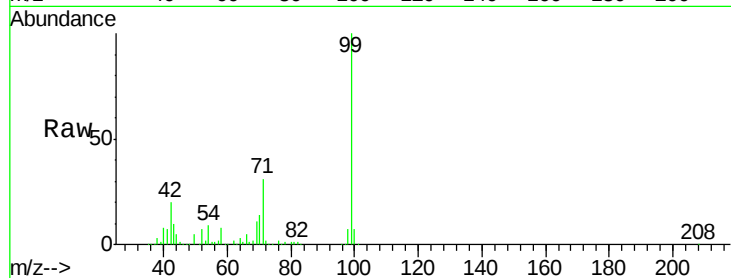
Tgt Ion: 99 Resp: 309688

Ion Ratio Lower Upper

99 100

42 19.8 17.8 26.6

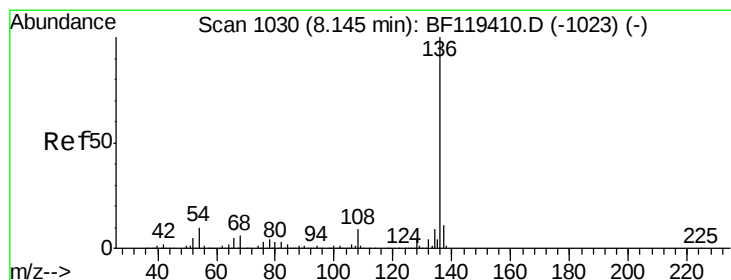
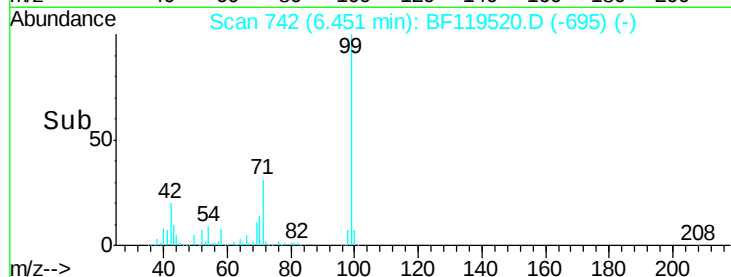
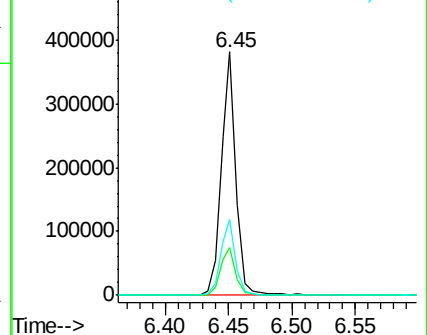
71 31.0 26.0 39.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF119520.D

Acq: 26 Mar 2020 1:04

Tgt Ion: 136 Resp: 1345213

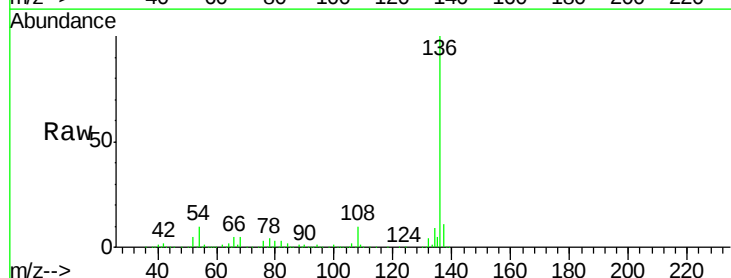
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 10.4 8.3 12.5

68 5.5 4.9 7.3

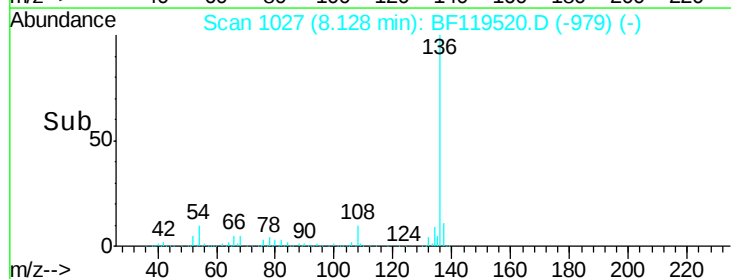
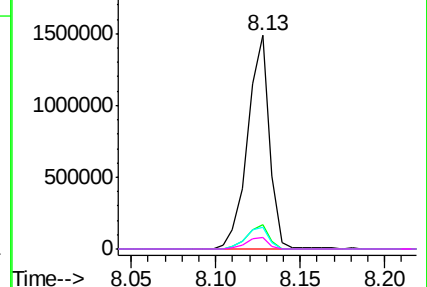


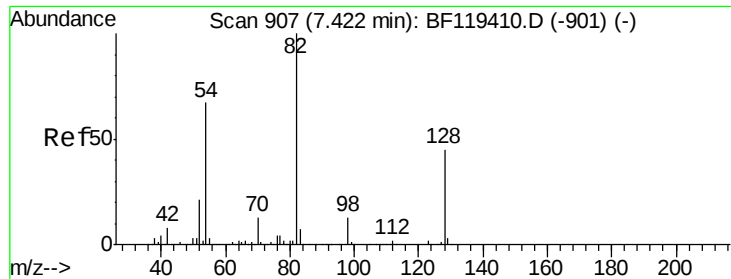
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

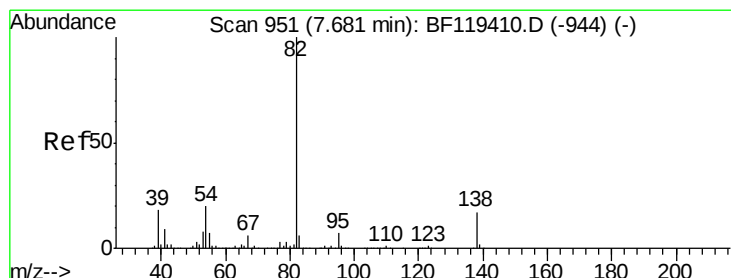
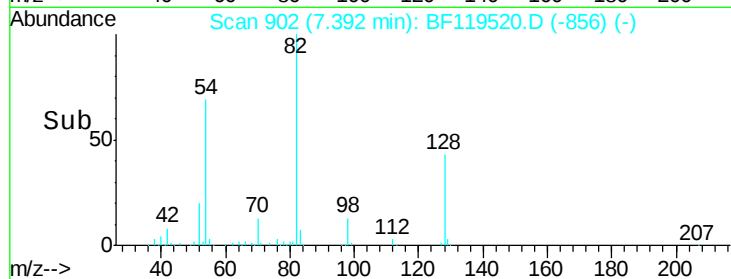
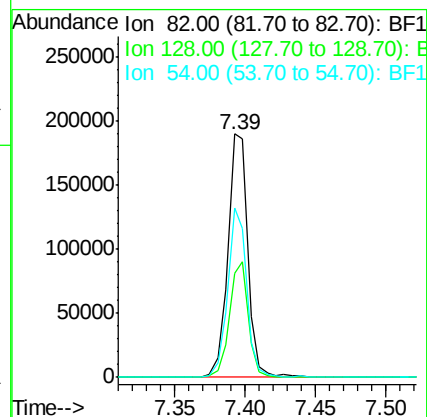
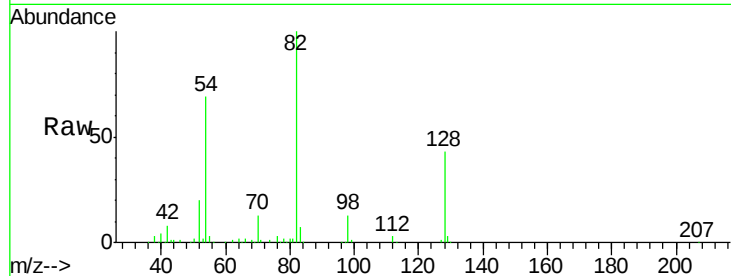




#23
 Nitrobenzene-d5
 Concen: 7.544 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.03 min
 Lab File: BF119520.D
 Acq: 26 Mar 2020 1:04

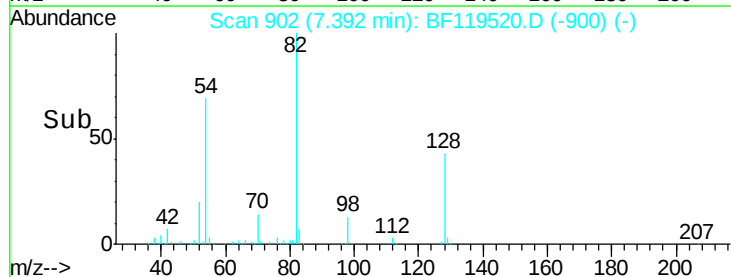
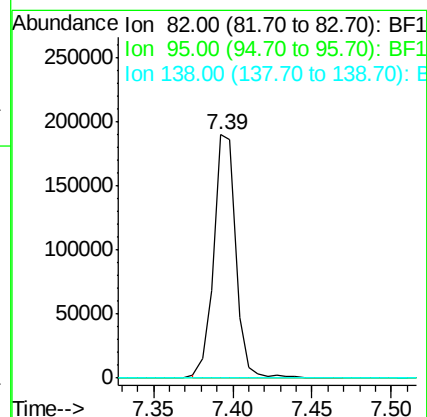
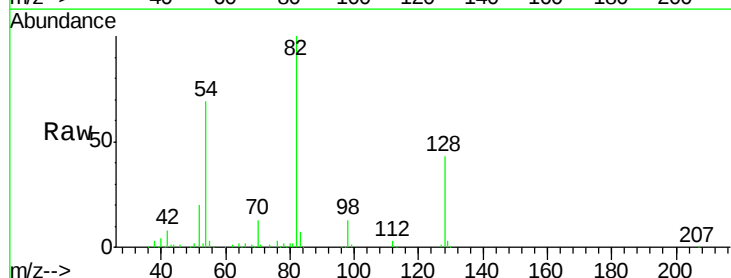
Instrument :
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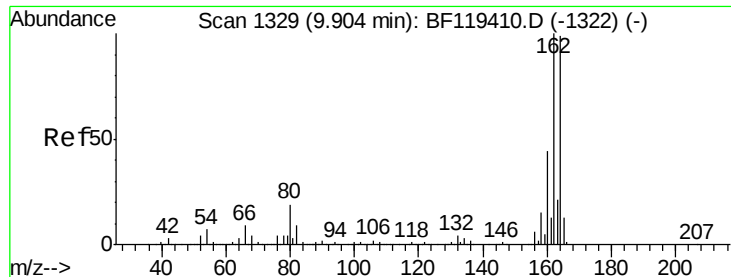
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.8	35.8	53.8
54	69.4	53.4	80.0



#25
 Isophorone
 Concen: 3.671 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.29 min
 Lab File: BF119520.D
 Acq: 26 Mar 2020 1:04

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	13.8	20.8#

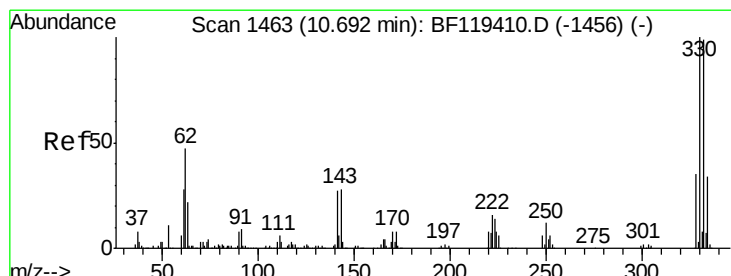
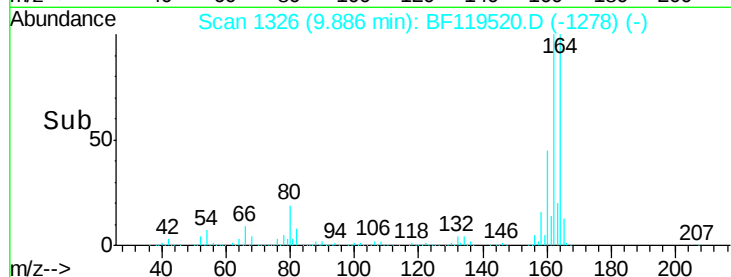
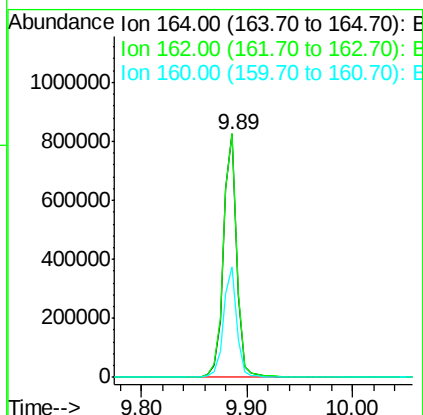
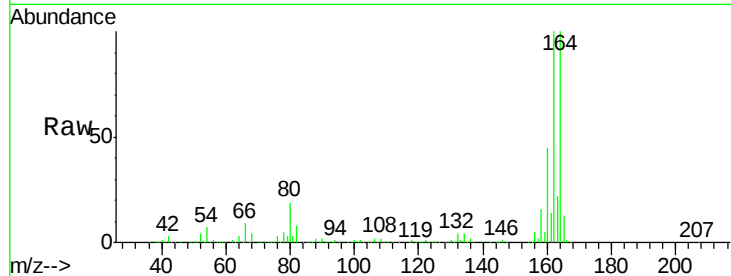




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF119520.D
Acq: 26 Mar 2020 1:04

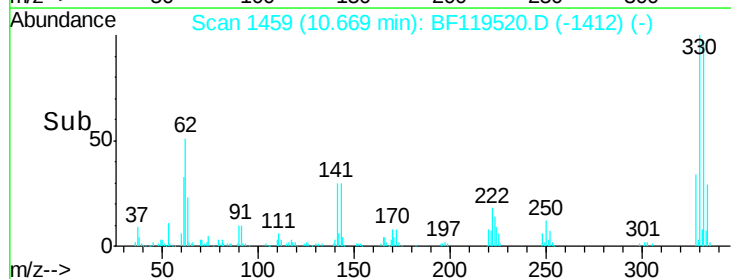
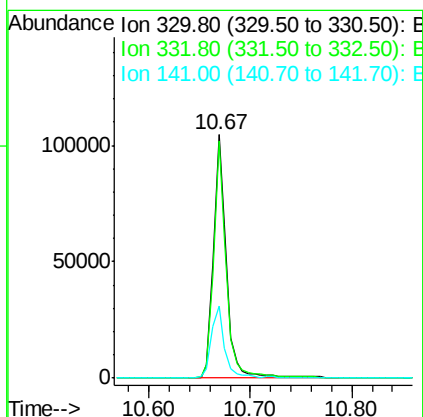
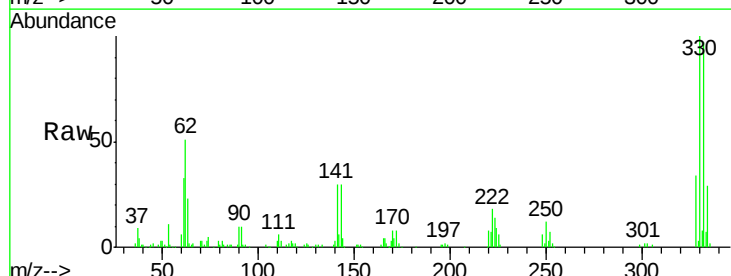
Instrument :
BNA_F
ClientSampleId :
TP-4A

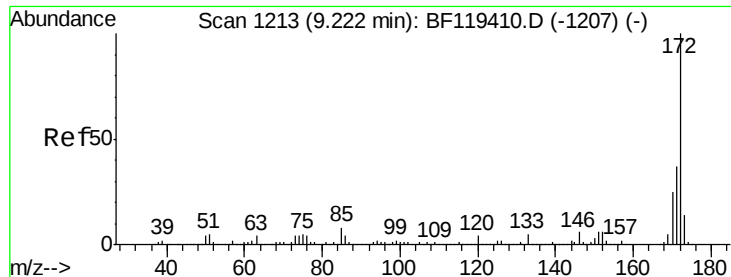
Tgt Ion:164 Resp: 729907
Ion Ratio Lower Upper
164 100
162 100.1 80.7 121.1
160 45.5 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 12.531 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.02 min
Lab File: BF119520.D
Acq: 26 Mar 2020 1:04

Tgt Ion:330 Resp: 94360
Ion Ratio Lower Upper
330 100
332 94.2 77.6 116.4
141 29.9 26.6 40.0

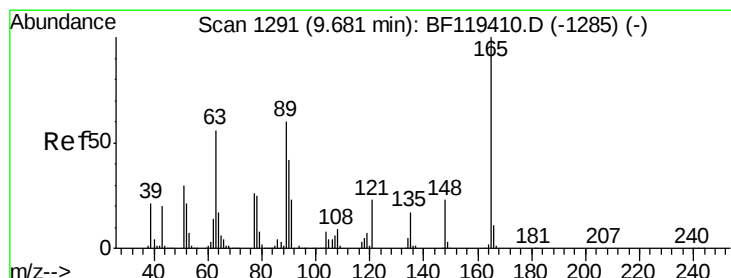
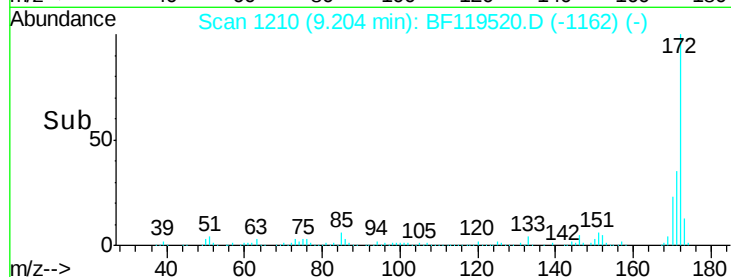
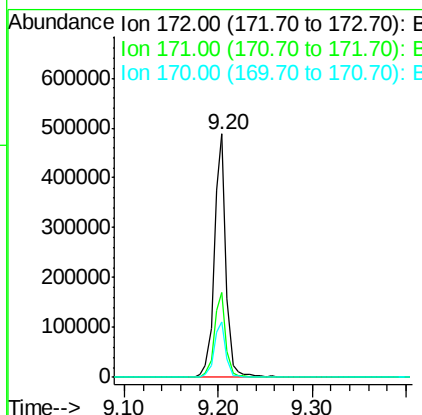
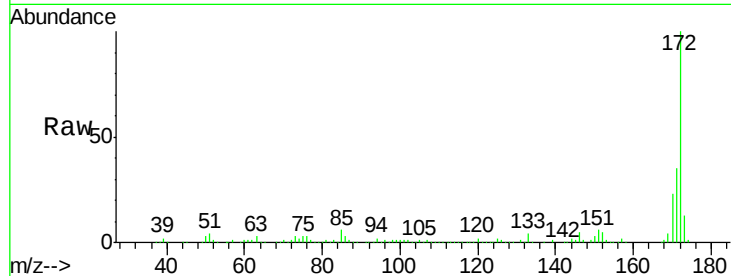




#45
 2-Fluorobiphenyl
 Concen: 8.747 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.02 min
 Lab File: BF119520.D
 Acq: 26 Mar 2020 1:04

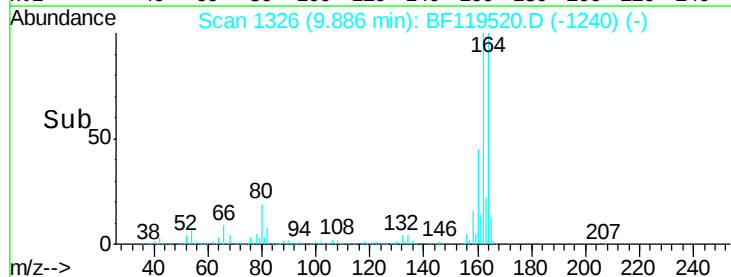
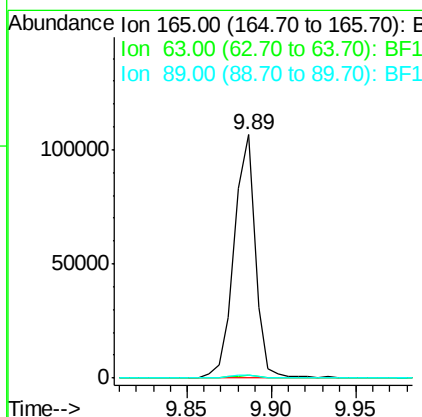
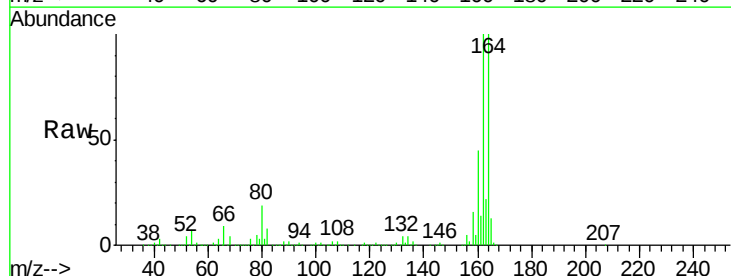
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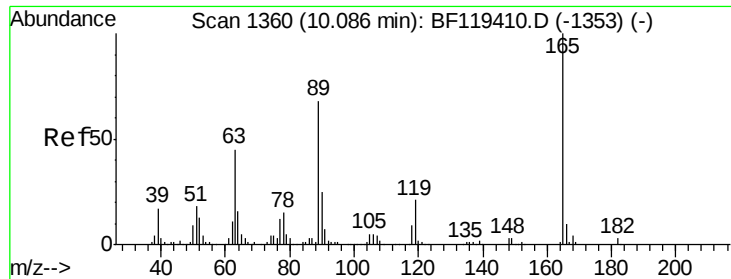
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.9	44.9
170	22.8	20.1	30.1



#51
 2,6-Dinitrotoluene
 Concen: 8.408 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.21 min
 Lab File: BF119520.D
 Acq: 26 Mar 2020 1:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	57.3	85.9#
89	1.1	47.8	71.8#

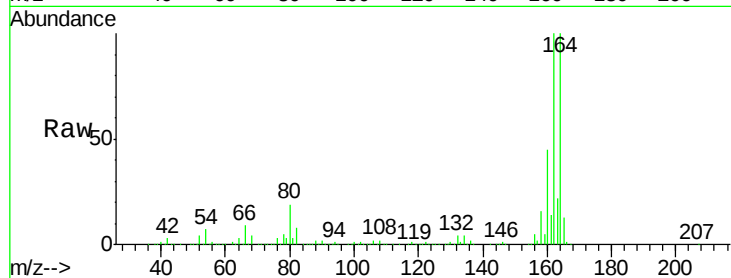




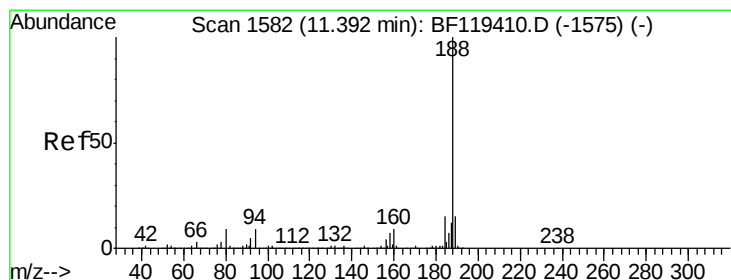
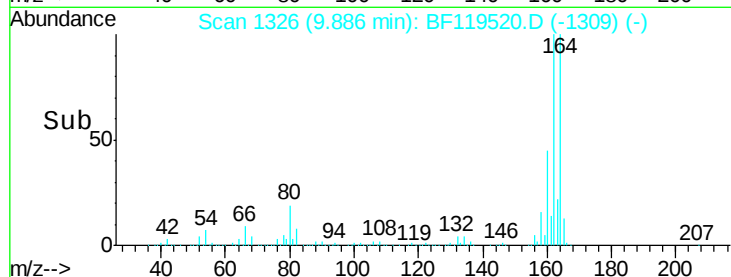
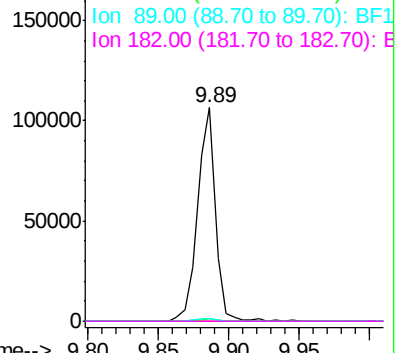
#57
2,4-Dinitrotoluene
Concen: 6.684 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.20 min
Lab File: BF119520.D
Acq: 26 Mar 2020 1:04

Instrument :
BNA_F
ClientSampleId :
TP-4A

Tgt Ion:165 Resp: 93572
Ion Ratio Lower Upper
165 100
63 1.2 36.2 54.4#
89 1.1 54.3 81.5#
182 0.0 2.0 3.0#

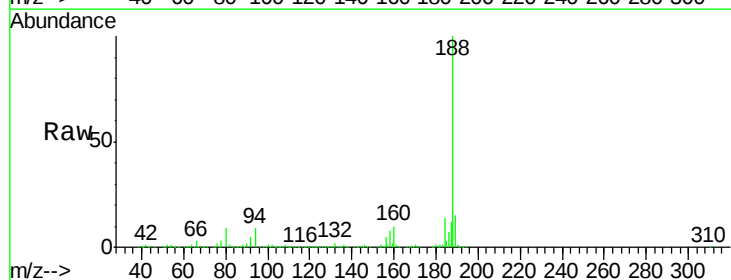


Abundance Ion 165.00 (164.70 to 165.70): E

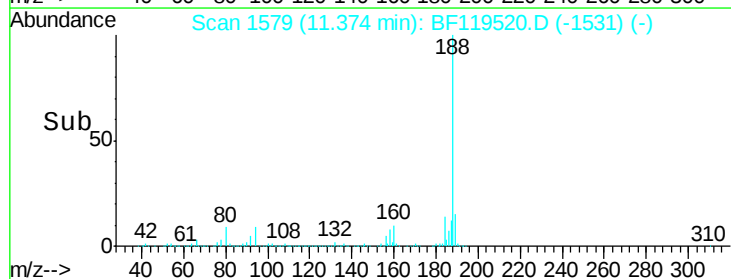
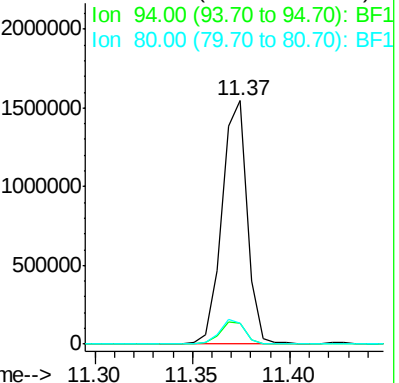


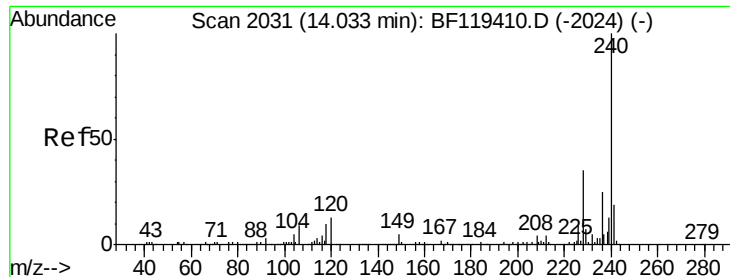
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BF119520.D
Acq: 26 Mar 2020 1:04

Tgt Ion:188 Resp: 1385613
Ion Ratio Lower Upper
188 100
94 8.7 7.1 10.7
80 8.7 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

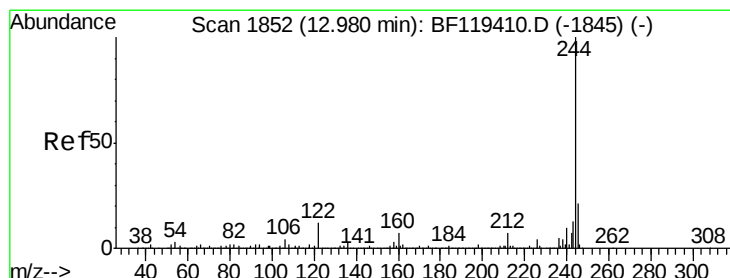
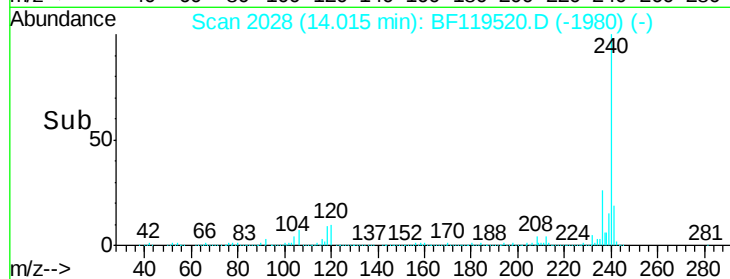
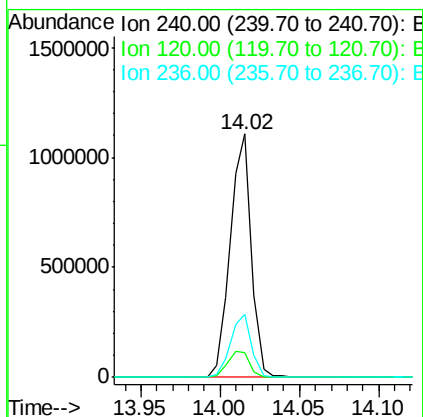
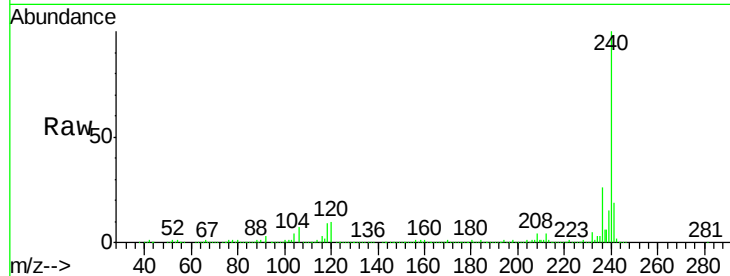




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.02 min
Lab File: BF119520.D
Acq: 26 Mar 2020 1:04

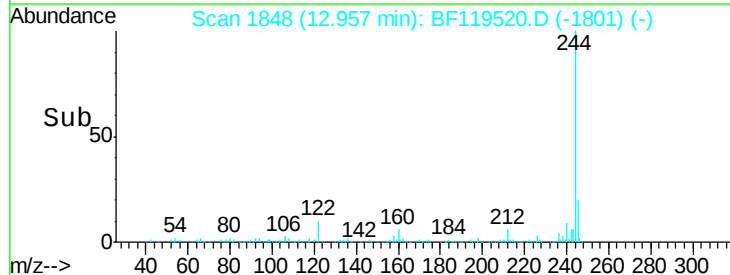
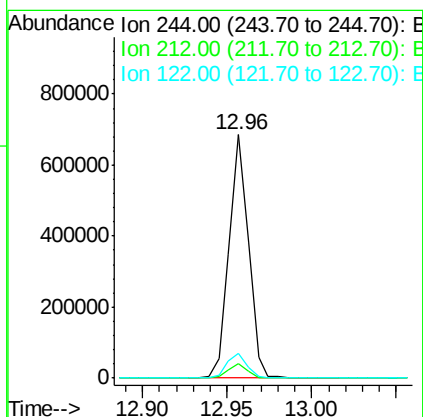
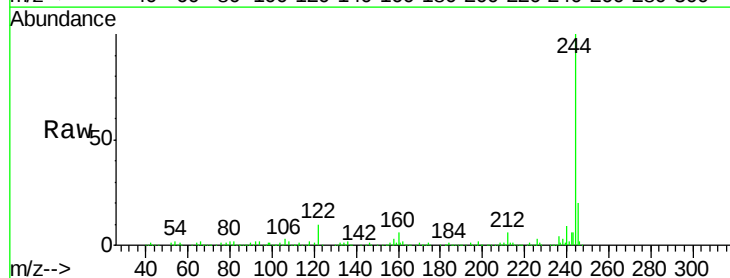
Instrument :
BNA_F
ClientSampled :
TP-4A

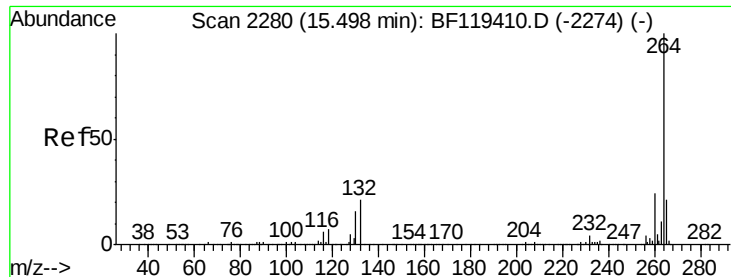
Tgt Ion:240 Resp: 1018114
Ion Ratio Lower Upper
240 100
120 10.1 10.2 15.4#
236 26.0 20.4 30.6



#79
Terphenyl-d14
Concen: 10.537 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.02 min
Lab File: BF119520.D
Acq: 26 Mar 2020 1:04

Tgt Ion:244 Resp: 547577
Ion Ratio Lower Upper
244 100
212 6.1 5.7 8.5
122 9.9 9.8 14.8

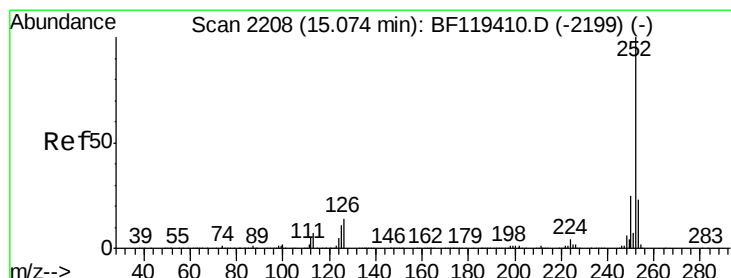
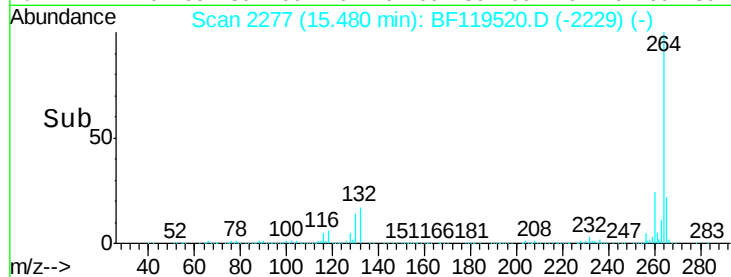
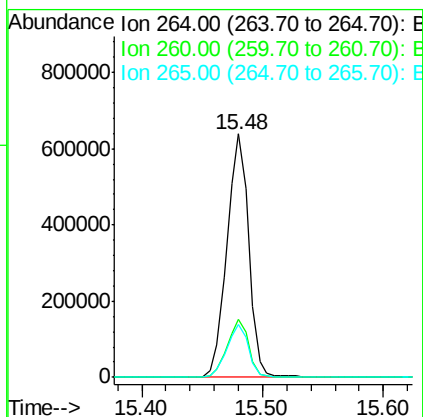
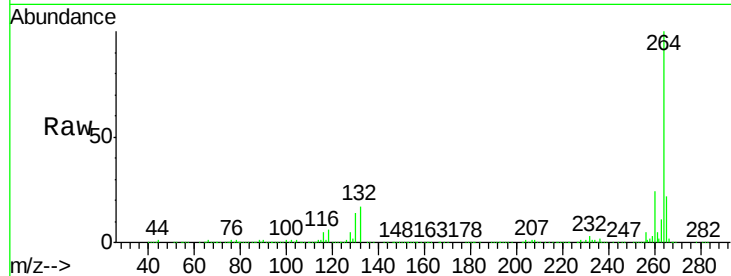




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.02 min
Lab File: BF119520.D
Acq: 26 Mar 2020 1:04

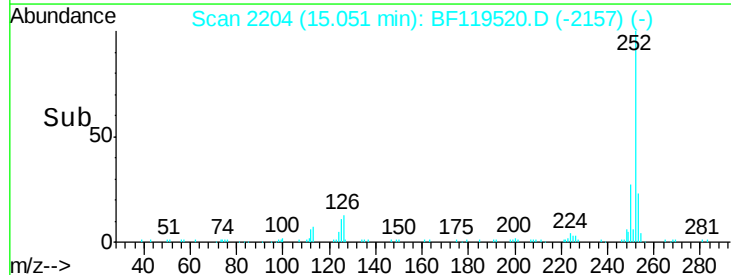
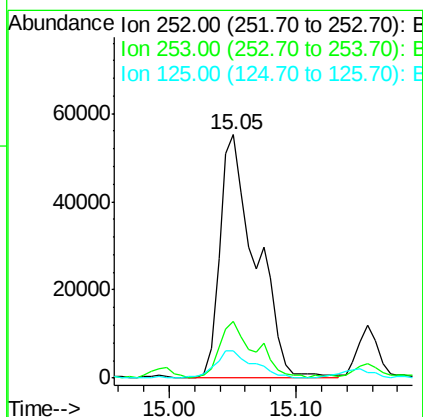
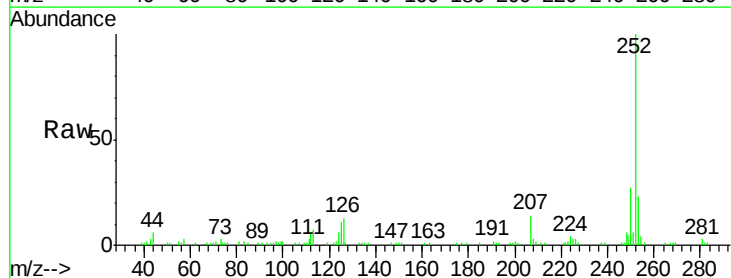
Instrument :
BNA_F
ClientSampleId :
TP-4A

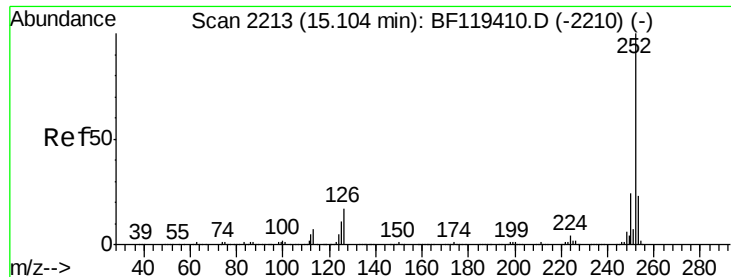
Tgt Ion: 264 Resp: 800566
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.7 16.9 25.3



#88
Benzo(b)fluoranthene
Concen: 2.028 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.02 min
Lab File: BF119520.D
Acq: 26 Mar 2020 1:04

Tgt Ion: 252 Resp: 108463
Ion Ratio Lower Upper
252 100
253 23.2 18.2 27.4
125 11.2 8.8 13.2





#89
 Benzo(k)fluoranthene
 Concen: 2.130 ng
 RT: 15.05 min Scan# 2204
 Delta R.T. -0.05 min
 Lab File: BF119520.D
 Acq: 26 Mar 2020 1:04

Instrument :
 BNA_F
 ClientSampleId :
 TP-4A

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.4
125	11.2	9.0	13.4

