

Data File : BF115655.D
Acq On : 18 Jul 2019 18:45
Operator : HP/JU
Sample : K3615-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-071719-C

Quant Time: Jul 19 07:40:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

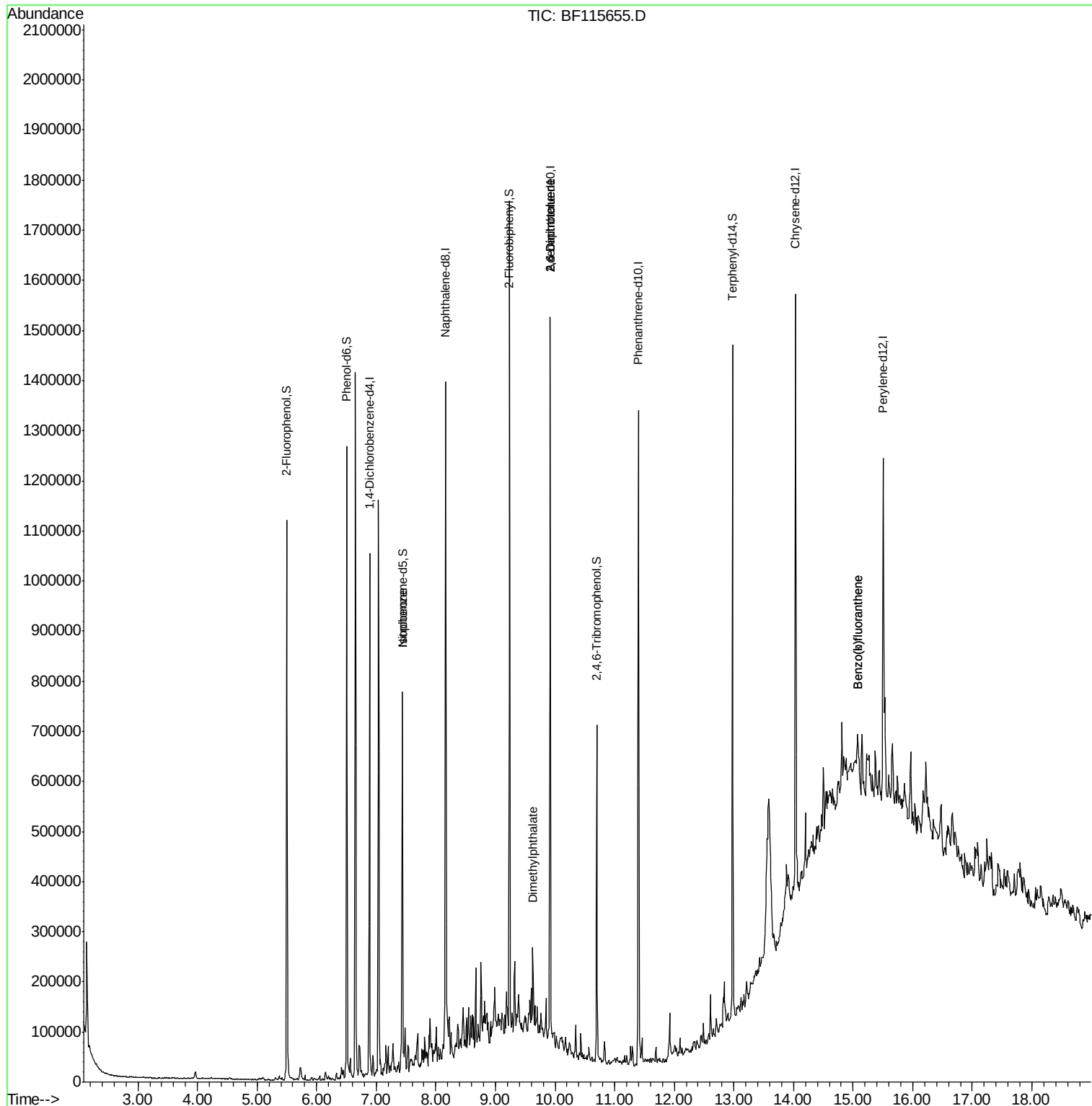
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	158107	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	609752	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	265774	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	449159	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	387180	20.00	ng	-0.02
87) Perylene-d12	15.50	264	336684	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	310361	32.11	ng	0.00
7) Phenol-d6	6.50	99	410282	33.45	ng	-0.01
23) Nitrobenzene-d5	7.44	82	244600	23.33	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	83223	26.83	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	463023	30.49	ng	-0.02
79) Terphenyl-d14	12.98	244	430644	20.52	ng	-0.02
Target Compounds						
25) Isophorone	7.44	82	237944	11.340	ng	# 65
50) Dimethylphthalate	9.62	163	54875	2.744	ng	100
51) 2,6-Dinitrotoluene	9.92	165	34812	7.661	ng	# 27
57) 2,4-Dinitrotoluene	9.92	165	34812	5.913	ng	# 24
88) Benzo(b)fluoranthene	15.07	252	49618	2.289	ng	# 78
89) Benzo(k)fluoranthene	15.07	252	49618	2.567	ng	# 79

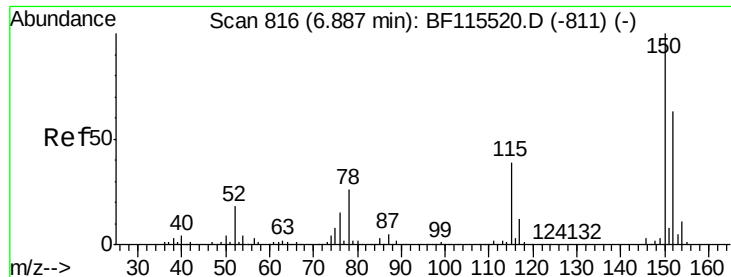
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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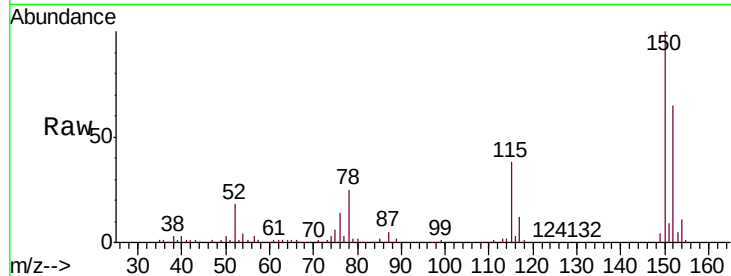


#1

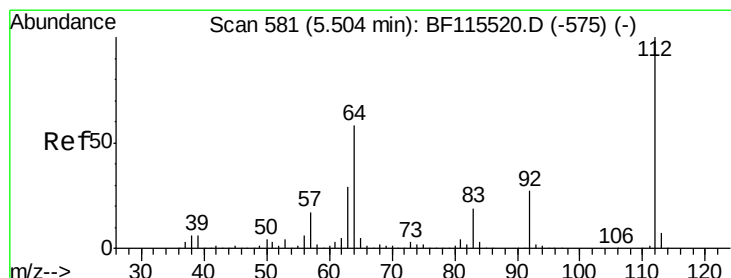
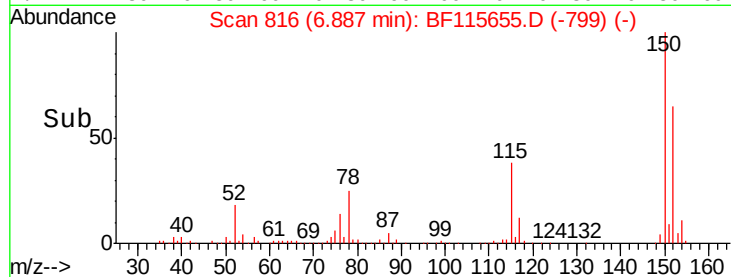
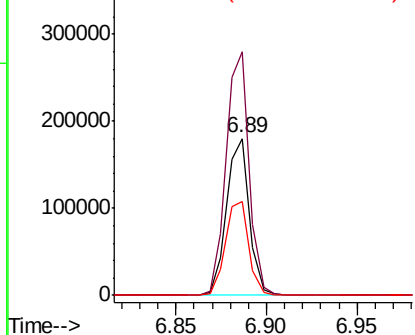
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF115655.D
Acq: 18 Jul 2019 18:45

Instrument :
BNA_F
ClientSampleId :
HR-06-071719-C

Tgt Ion:152 Resp: 158107
Ion Ratio Lower Upper
152 100
150 155.0 129.7 194.5
115 59.4 48.2 72.4



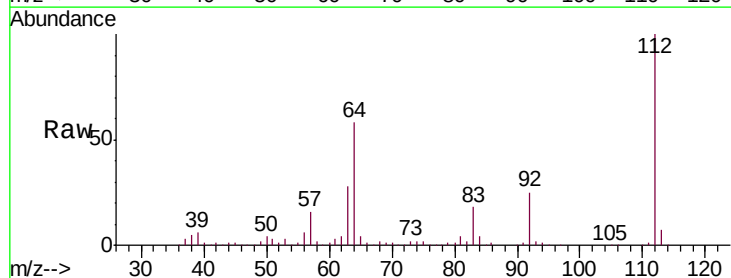
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



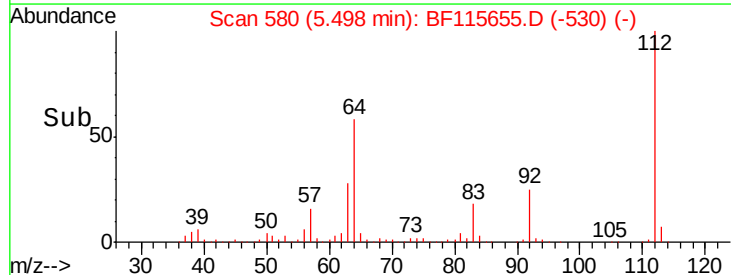
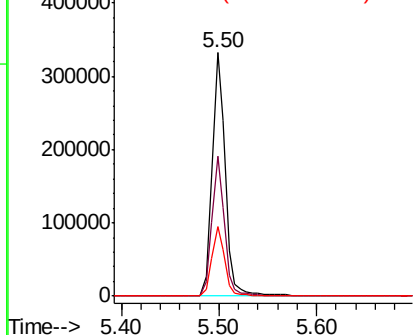
#5

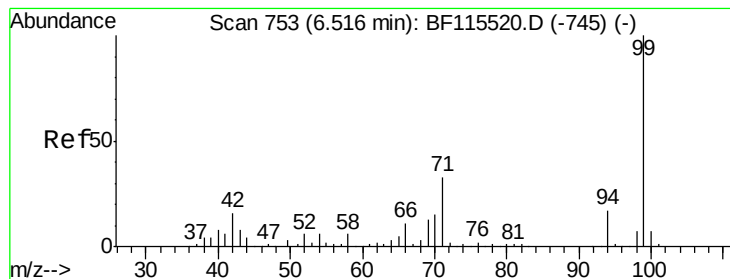
2-Fluorophenol
Concen: 32.109 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF115655.D
Acq: 18 Jul 2019 18:45

Tgt Ion:112 Resp: 310361
Ion Ratio Lower Upper
112 100
64 57.7 46.8 70.2
63 28.4 24.1 36.1



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: 33.451 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF115655.D

Acq: 18 Jul 2019 18:45

Instrument :

BNA_F

ClientSampleId :

HR-06-071719-C

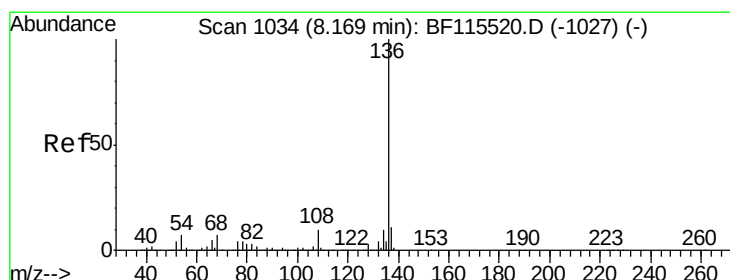
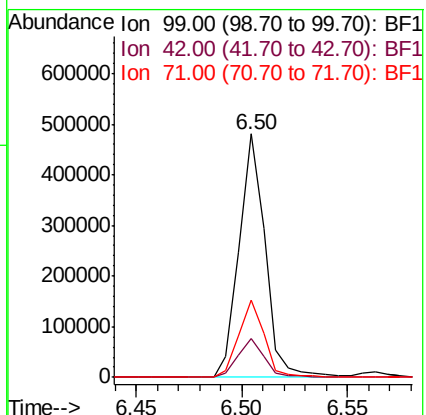
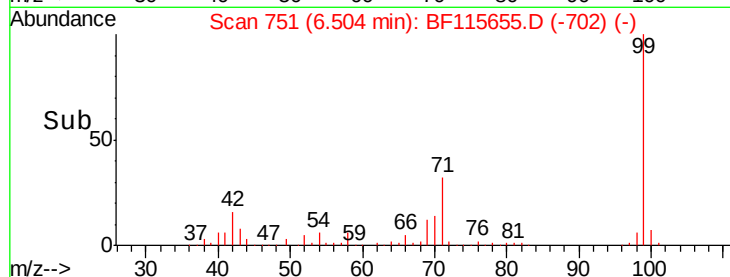
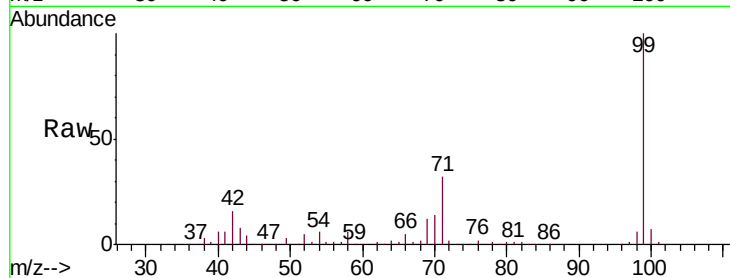
Tgt Ion: 99 Resp: 410282

Ion Ratio Lower Upper

99 100

42 16.0 13.6 20.4

71 31.8 28.5 42.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF115655.D

Acq: 18 Jul 2019 18:45

Tgt Ion: 136 Resp: 609752

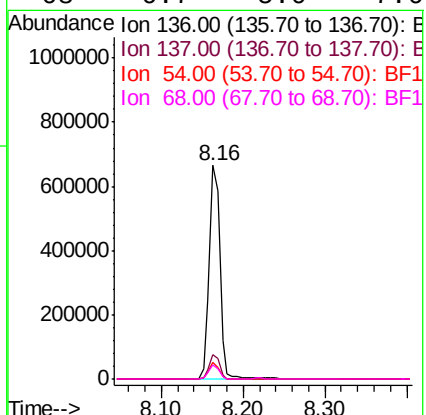
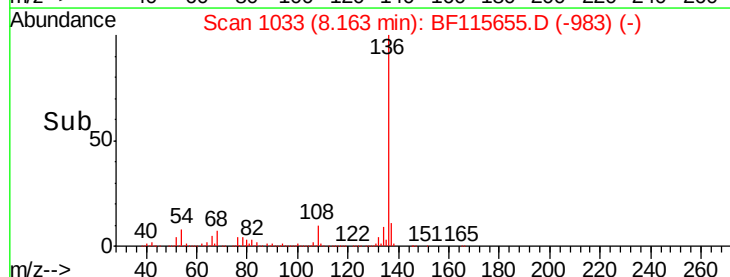
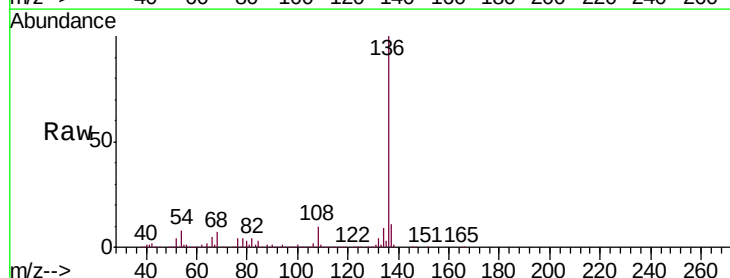
Ion Ratio Lower Upper

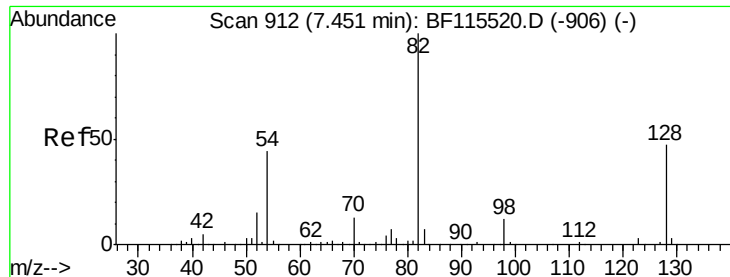
136 100

137 11.2 9.0 13.4

54 7.5 5.6 8.4

68 6.7 5.0 7.6

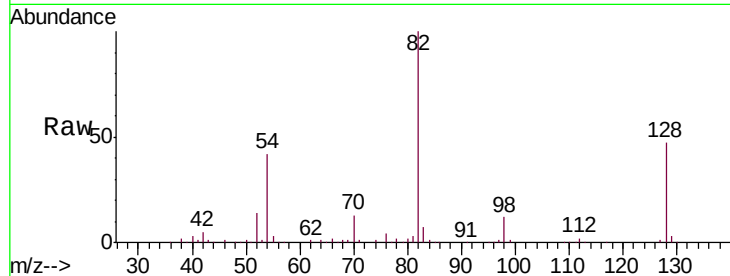




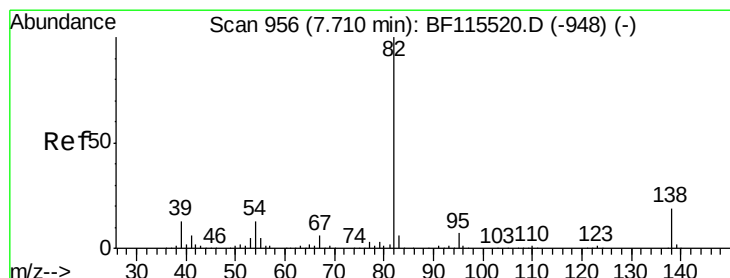
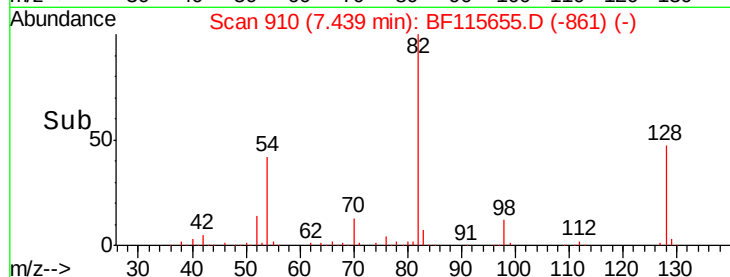
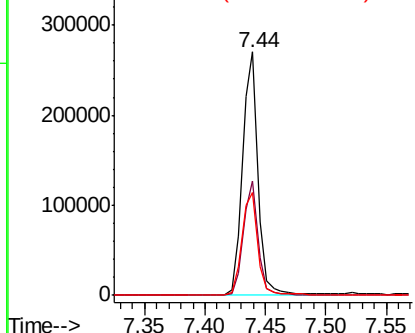
#23
 Nitrobenzene-d5
 Concen: 23.325 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF115655.D
 Acq: 18 Jul 2019 18:45

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-071719-C

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.0	38.6	57.8
54	42.4	35.6	53.4

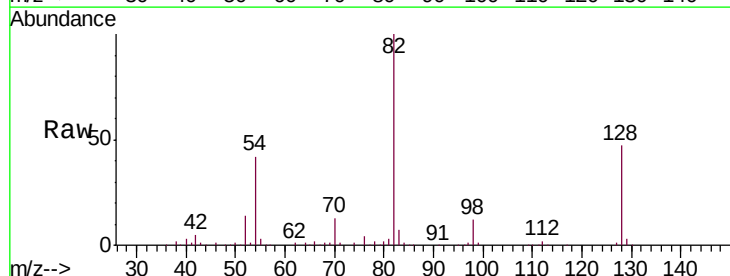


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

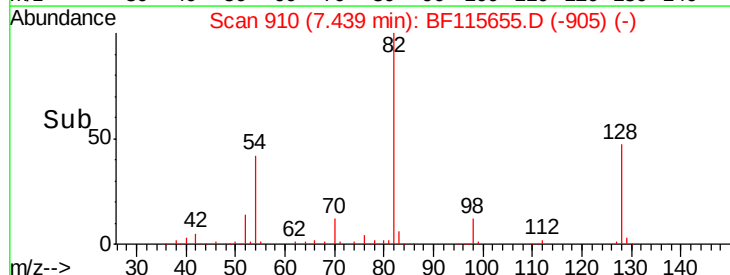
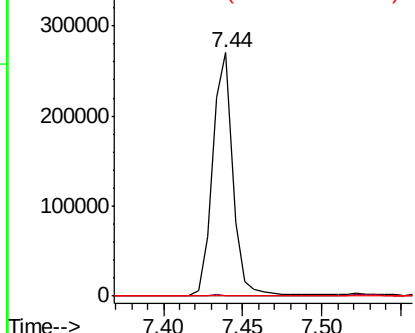


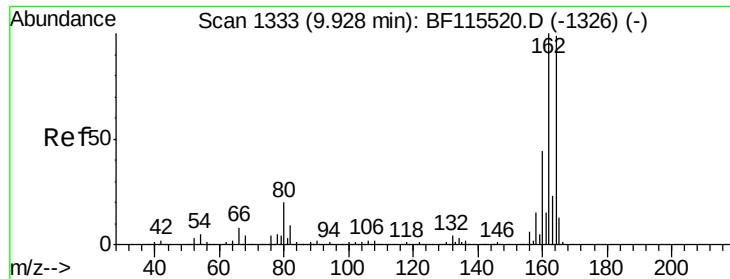
#25
 Isophorone
 Concen: 11.340 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.27 min
 Lab File: BF115655.D
 Acq: 18 Jul 2019 18:45

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.4	5.5	8.3#
138	0.0	14.9	22.3#



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

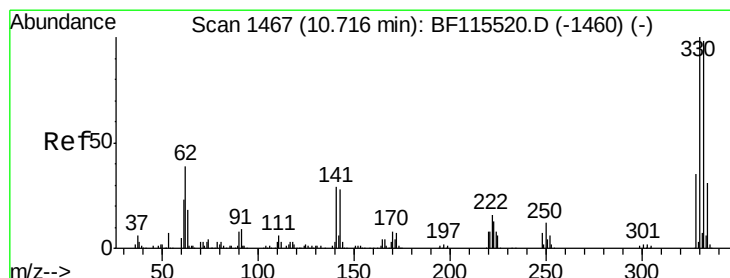
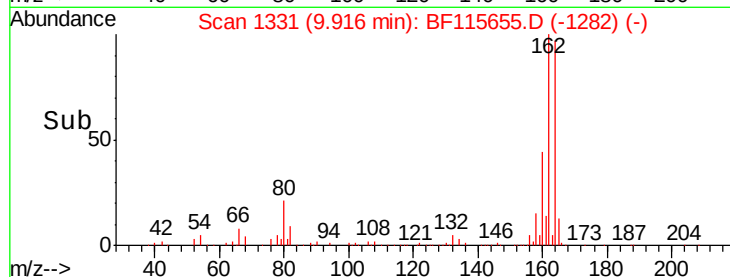
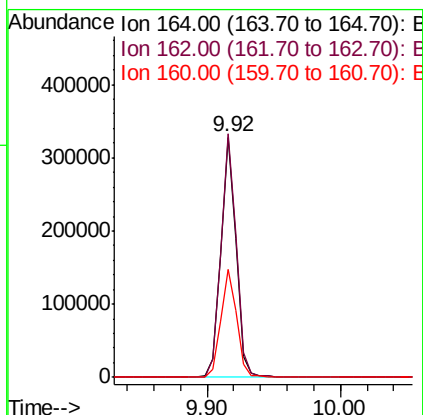
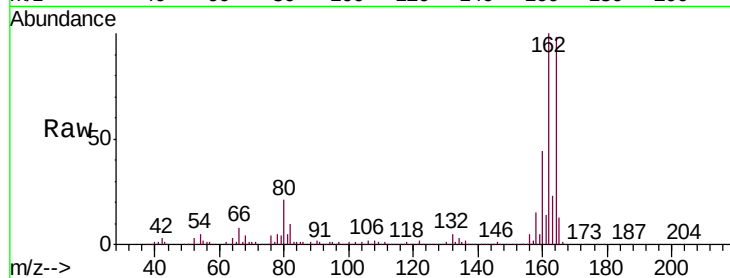




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF115655.D
 Acq: 18 Jul 2019 18:45

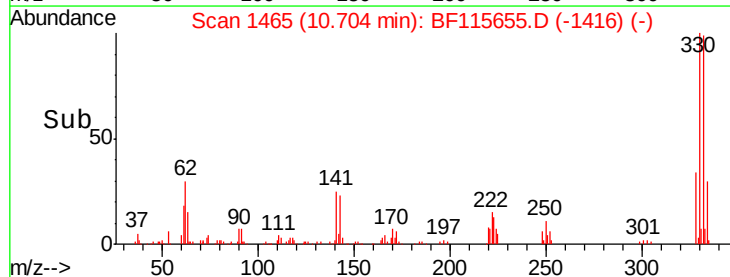
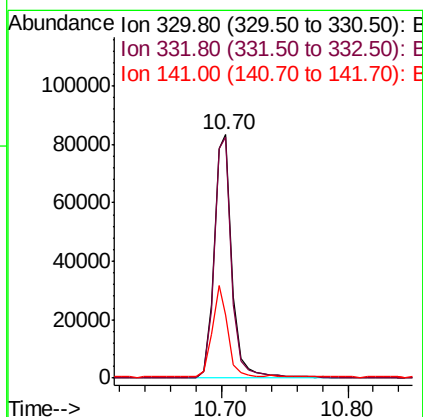
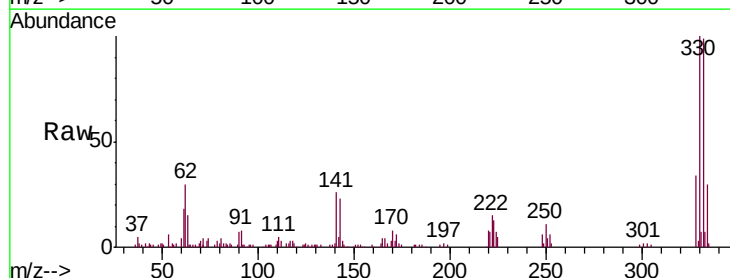
Instrument :
 BNA_F
 ClientSampleId :
 HR-06-071719-C

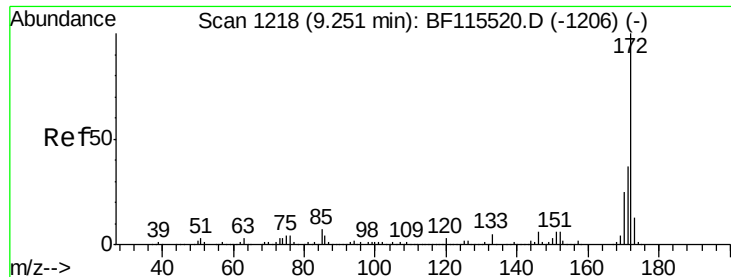
Tgt Ion:164 Resp: 265774
 Ion Ratio Lower Upper
 164 100
 162 101.5 82.9 124.3
 160 44.9 36.8 55.2



#42
 2,4,6-Tribromophenol
 Concen: 26.827 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF115655.D
 Acq: 18 Jul 2019 18:45

Tgt Ion:330 Resp: 83223
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.2
 141 32.3 22.4 33.6

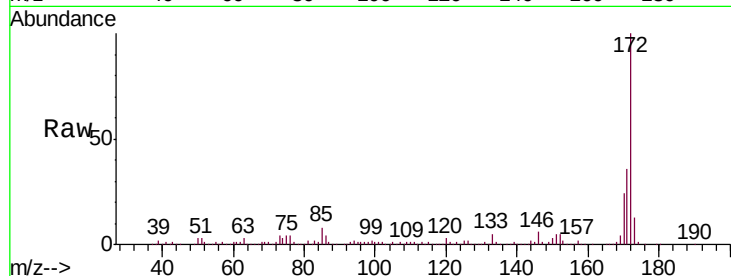




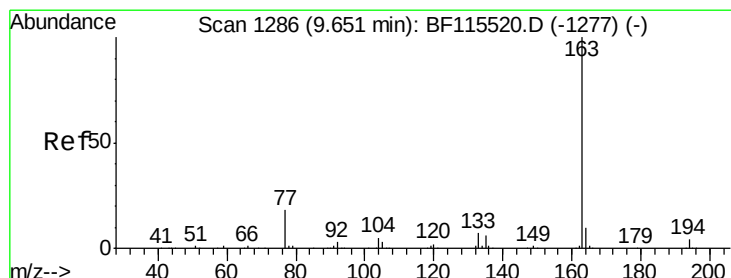
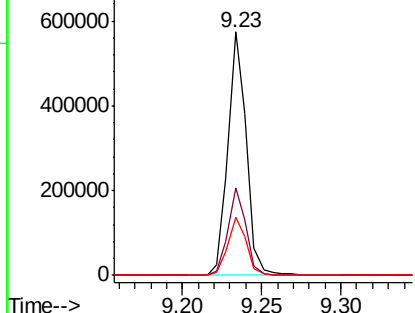
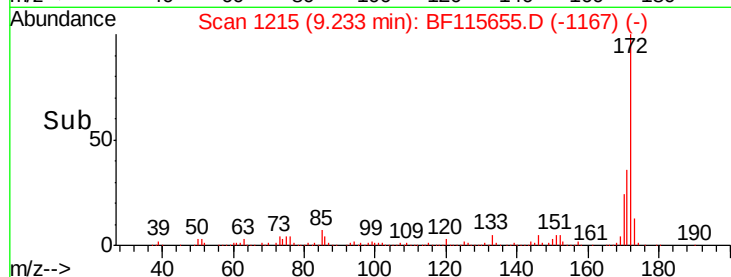
#45
2-Fluorobiphenyl
Concen: 30.493 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.02 min
Lab File: BF115655.D
Acq: 18 Jul 2019 18:45

Instrument :
BNA_F
ClientSampleId :
HR-06-071719-C

Tgt Ion:172 Resp: 463023
Ion Ratio Lower Upper
172 100
171 36.0 30.6 46.0
170 23.7 20.5 30.7

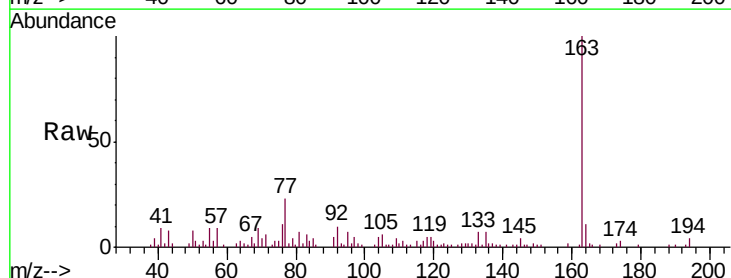


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

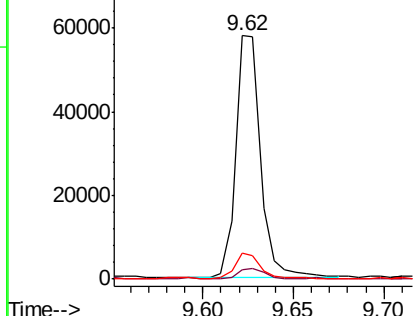
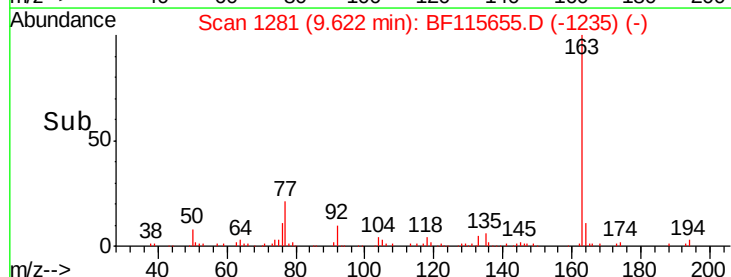


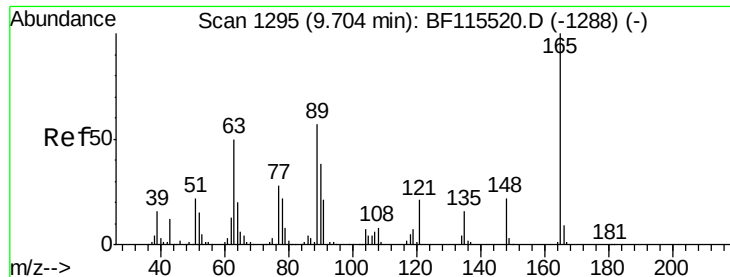
#50
Dimethylphthalate
Concen: 2.744 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.03 min
Lab File: BF115655.D
Acq: 18 Jul 2019 18:45

Tgt Ion:163 Resp: 54875
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.8 8.7 13.1



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

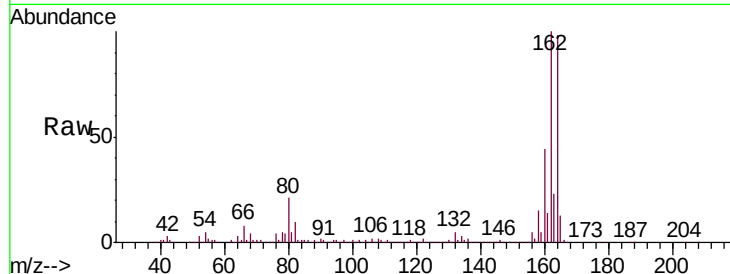




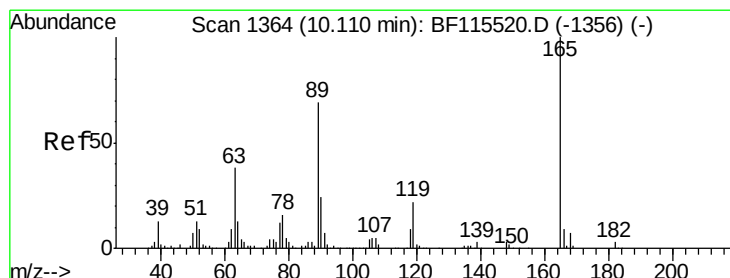
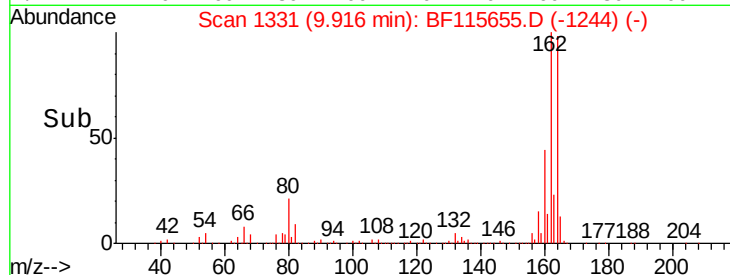
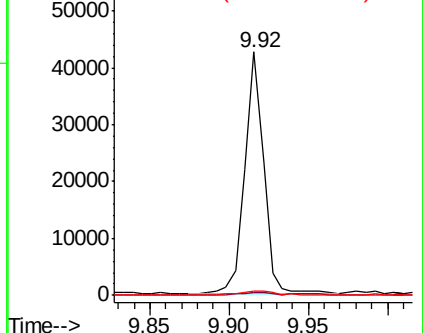
#51
 2,6-Dinitrotoluene
 Concen: 7.661 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.21 min
 Lab File: BF115655.D
 Acq: 18 Jul 2019 18:45

Instrument :
 BNA_F
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 HR-06-071719-C

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	40.6	61.0#
89	1.6	43.9	65.9#

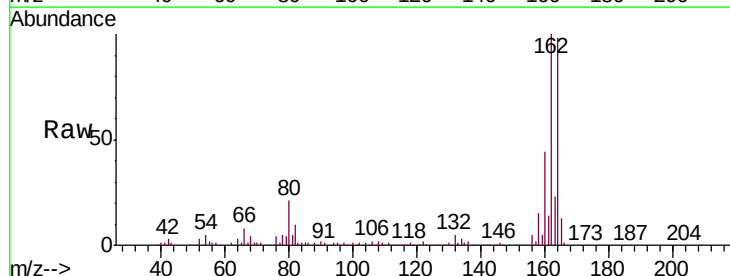


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

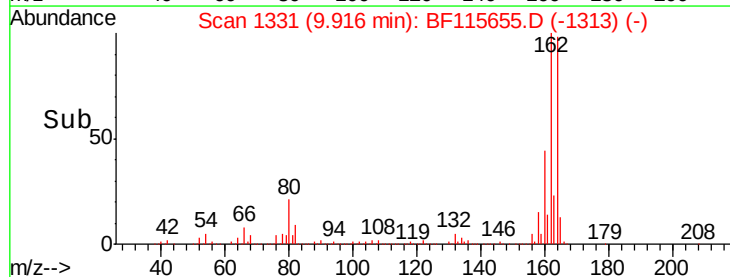
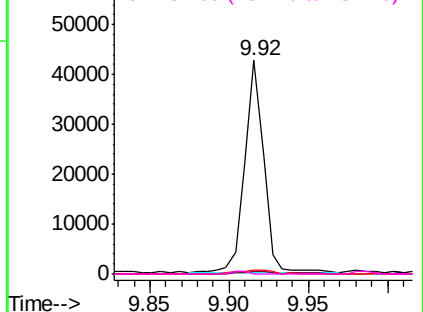


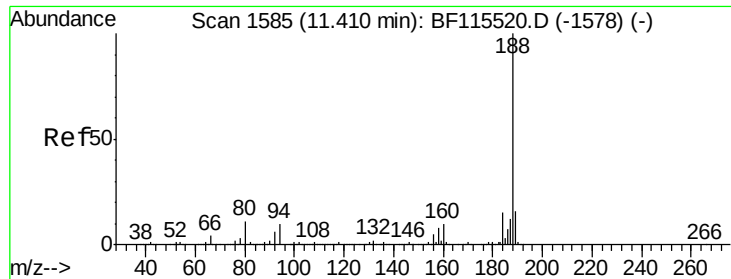
#57
 2,4-Dinitrotoluene
 Concen: 5.913 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF115655.D
 Acq: 18 Jul 2019 18:45

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.9	52.3#
89	1.6	57.5	86.3#
182	0.0	2.2	3.4#



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

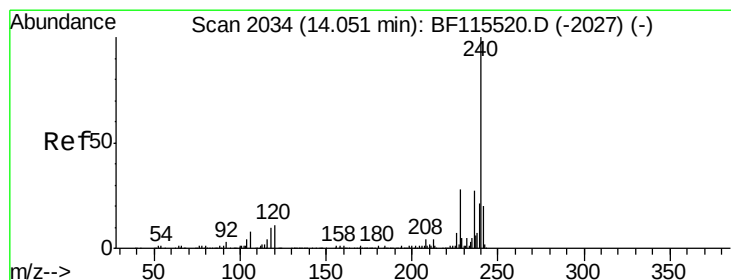
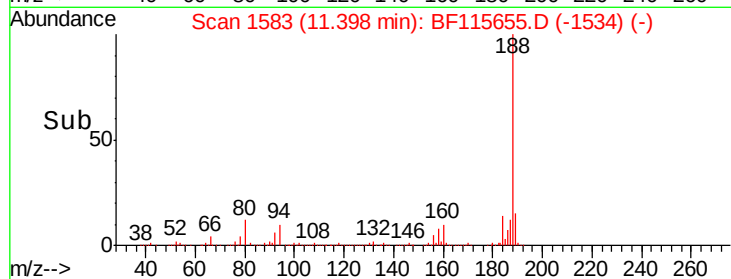
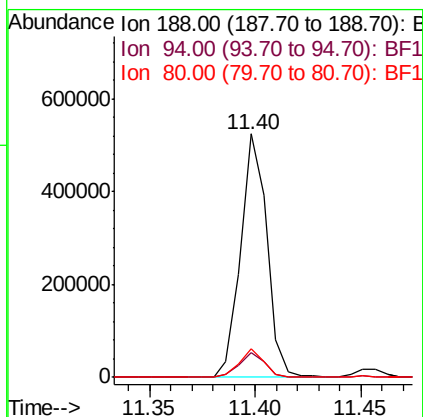
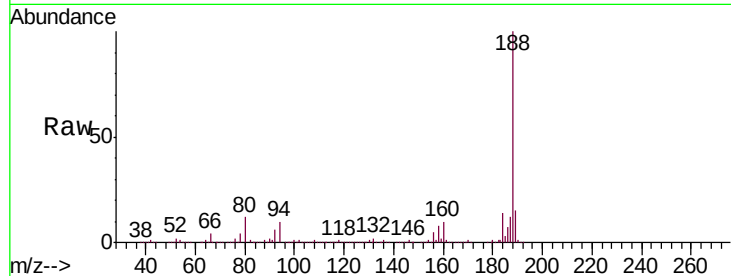




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF115655.D
Acq: 18 Jul 2019 18:45

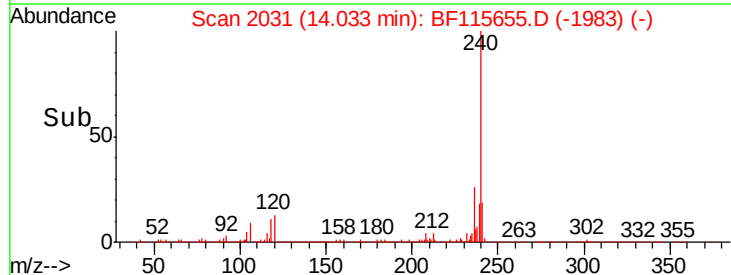
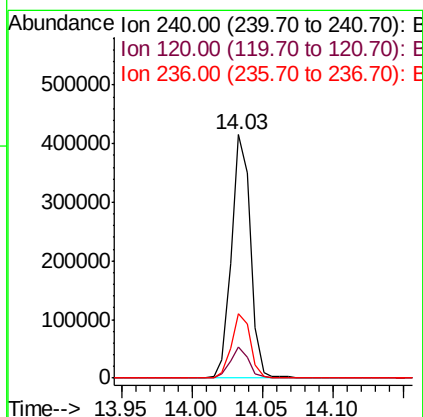
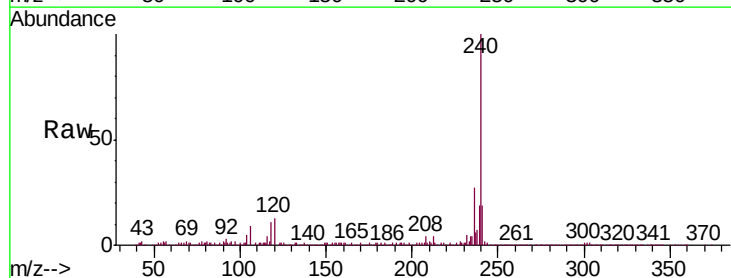
Instrument :
BNA_F
ClientSampleId :
HR-06-071719-C

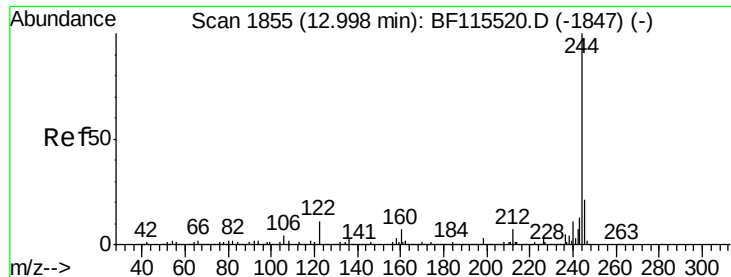
Tgt Ion:188 Resp: 449159
Ion Ratio Lower Upper
188 100
94 10.1 7.8 11.6
80 11.7 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.02 min
Lab File: BF115655.D
Acq: 18 Jul 2019 18:45

Tgt Ion:240 Resp: 387180
Ion Ratio Lower Upper
240 100
120 13.0 8.6 13.0#
236 26.6 21.3 31.9





#79

Terphenyl-d14

Concen: 20.523 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BF115655.D

Acq: 18 Jul 2019 18:45

Instrument :

BNA_F

ClientSampleId :

HR-06-071719-C

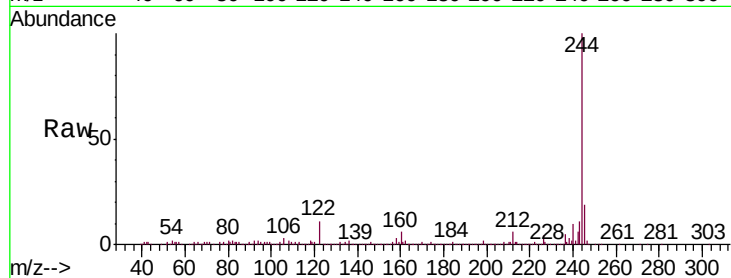
Tgt Ion:244 Resp: 430644

Ion Ratio Lower Upper

244 100

212 6.4 6.0 9.0

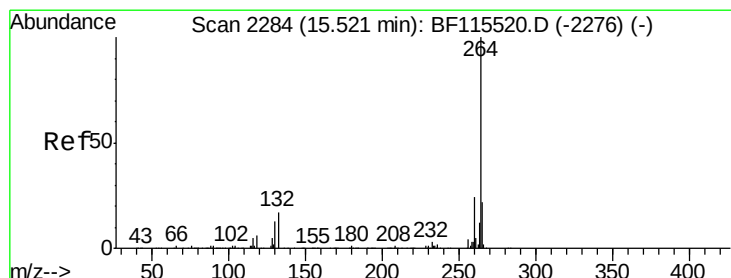
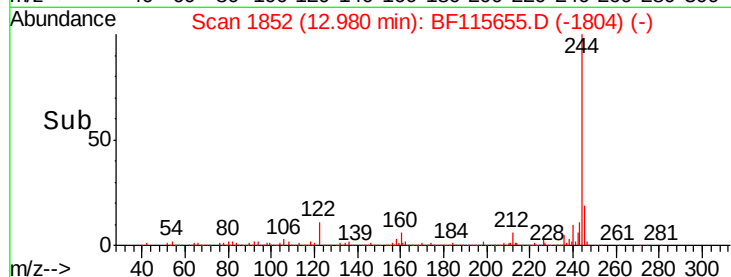
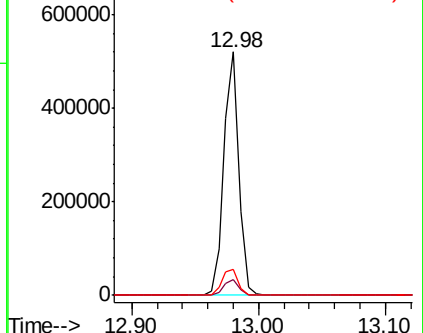
122 10.7 8.6 12.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2281

Delta R.T. -0.02 min

Lab File: BF115655.D

Acq: 18 Jul 2019 18:45

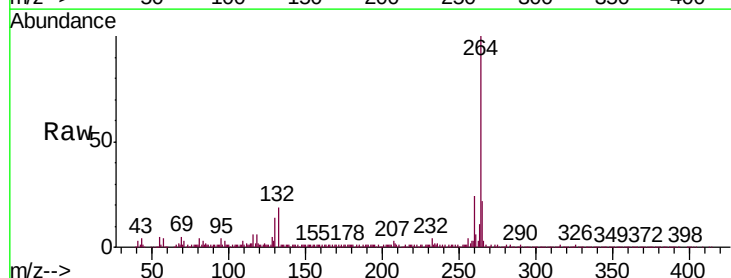
Tgt Ion:264 Resp: 336684

Ion Ratio Lower Upper

264 100

260 24.3 19.8 29.8

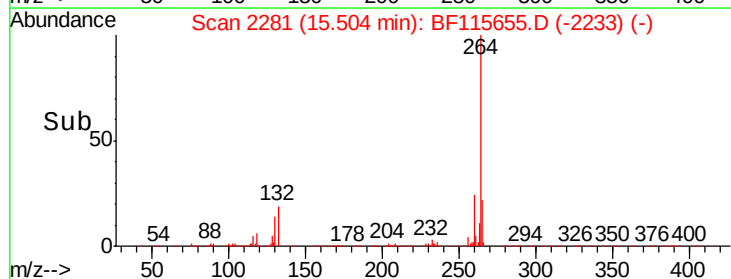
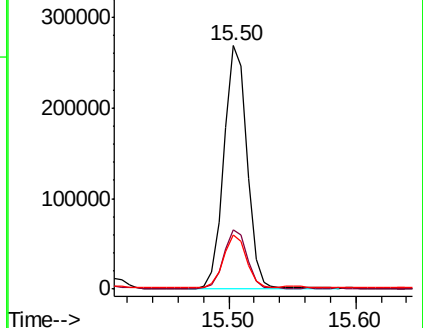
265 22.2 17.7 26.5

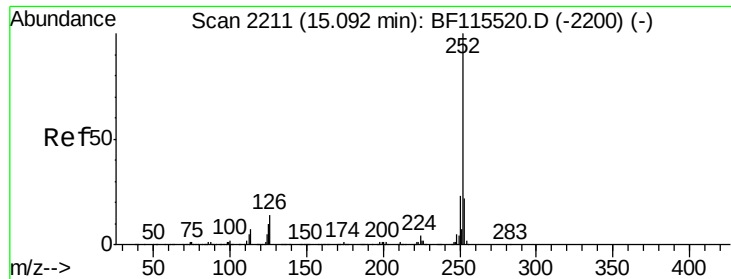


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

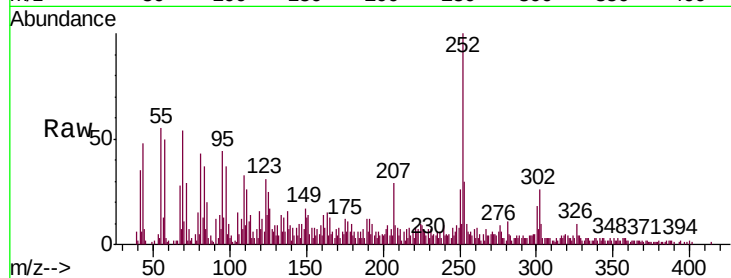




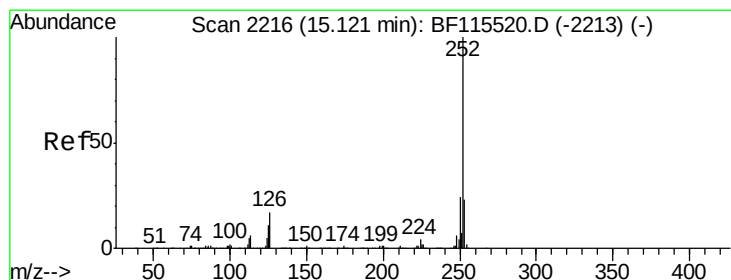
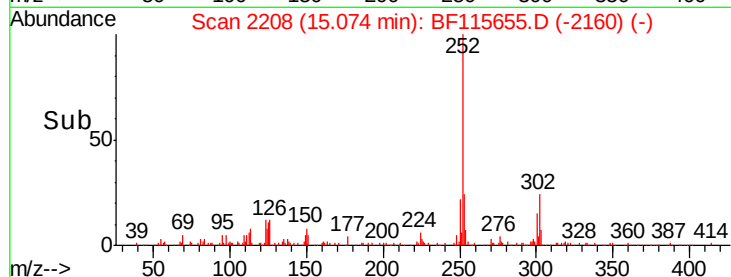
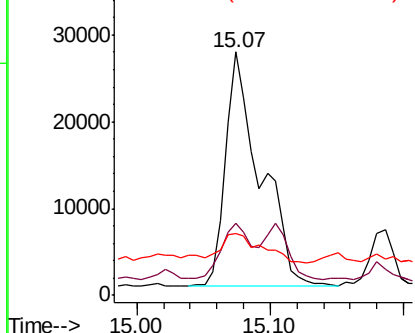
#88
Benzo(b)fluoranthene
Concen: 2.289 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BF115655.D
Acq: 18 Jul 2019 18:45

Instrument :
BNA_F
ClientSampleId :
HR-06-071719-C

Tgt Ion: 252 Resp: 49618
Ion Ratio Lower Upper
252 100
253 29.9 18.1 27.1#
125 25.2 9.0 13.4#

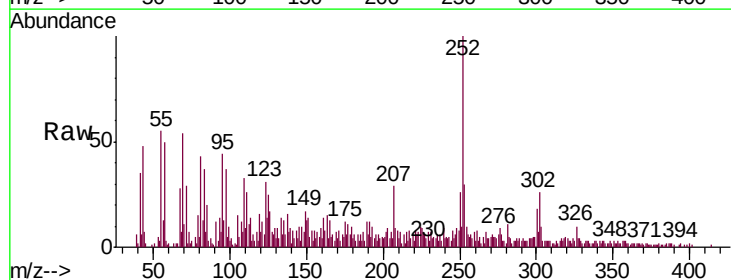


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89
Benzo(k)fluoranthene
Concen: 2.567 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.05 min
Lab File: BF115655.D
Acq: 18 Jul 2019 18:45

Tgt Ion: 252 Resp: 49618
Ion Ratio Lower Upper
252 100
253 29.9 18.6 28.0#
125 25.2 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

