

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080119\
 Data File : BF115926.D
 Acq On : 2 Aug 2019 00:09
 Operator : HP/JU
 Sample : K4044-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Aug 02 05:03:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

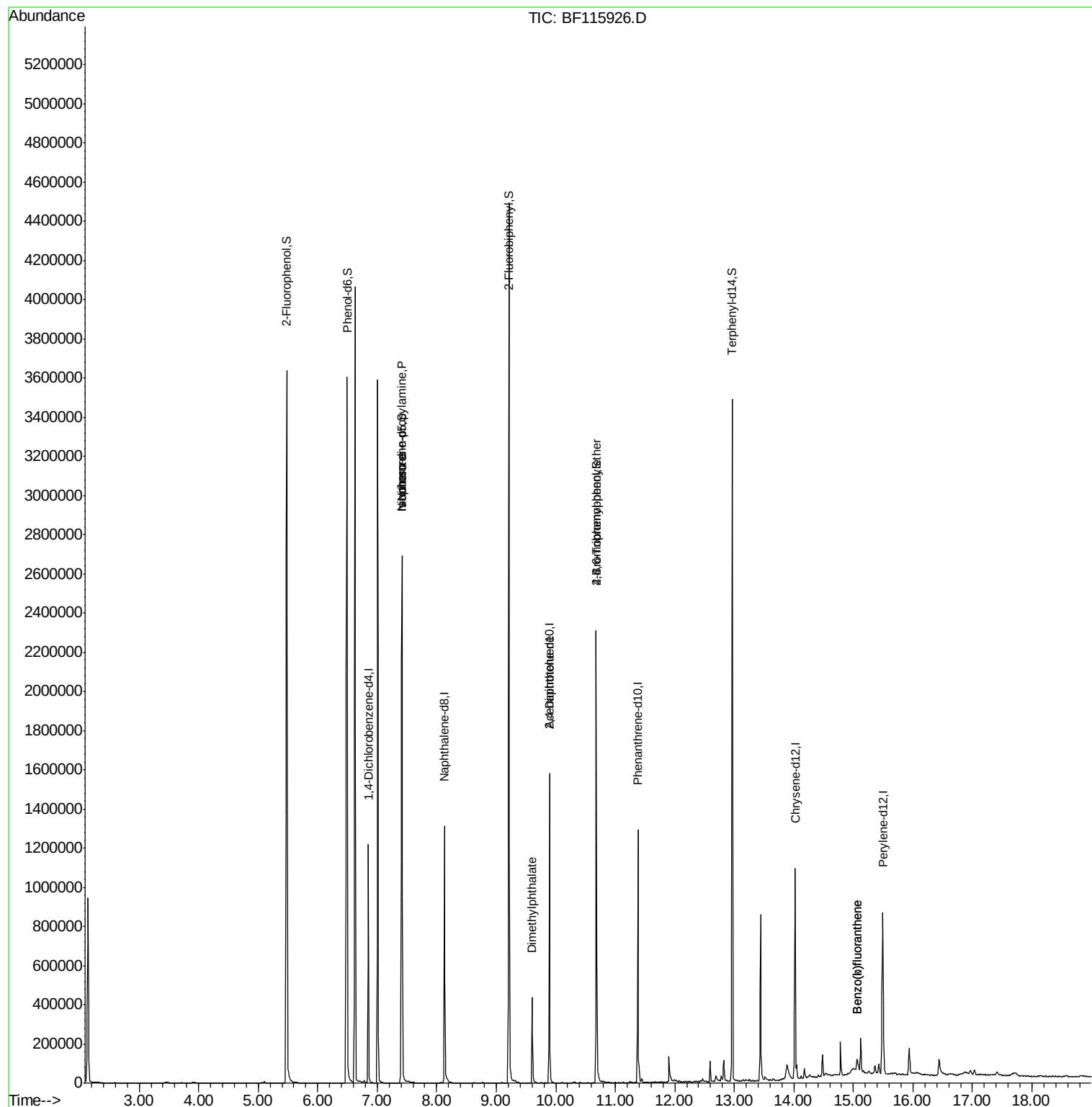
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	162062	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	606310	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	307663	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	464549	20.00	ng	0.00
76) Chrysene-d12	14.02	240	335788	20.00	ng	0.00
87) Perylene-d12	15.49	264	370528	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1160530	119.88	ng	0.01
7) Phenol-d6	6.49	99	1500185	122.83	ng	0.00
23) Nitrobenzene-d5	7.42	82	948600	90.31	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	333265	111.73	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1477473	89.95	ng	0.00
79) Terphenyl-d14	12.96	244	1266806	79.50	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	127874	16.895	ng	# 77
25) Isophorone	7.42	82	948594	47.229	ng	# 66
50) Dimethylphthalate	9.60	163	184250	8.795	ng	99
57) 2,4-Dinitrotoluene	9.89	165	38985	6.432	ng	# 25
67) 4-Bromophenyl-phenylether	10.69	248	20464	4.115	ng	# 1
88) Benzo(b)fluoranthene	15.06	252	45455	2.122	ng	# 94
89) Benzo(k)fluoranthene	15.06	252	45455	2.178	ng	97

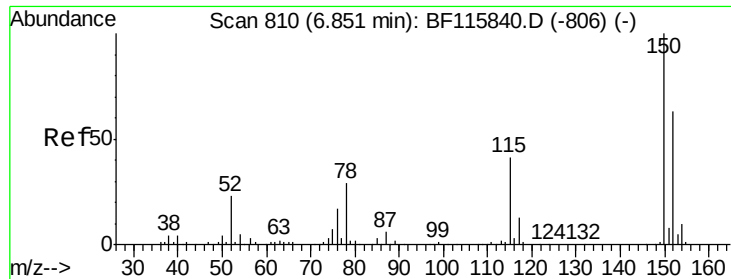
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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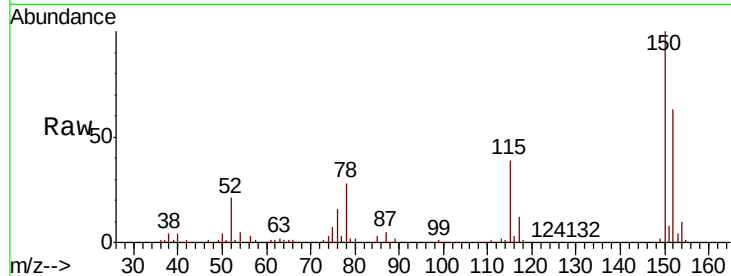


#1

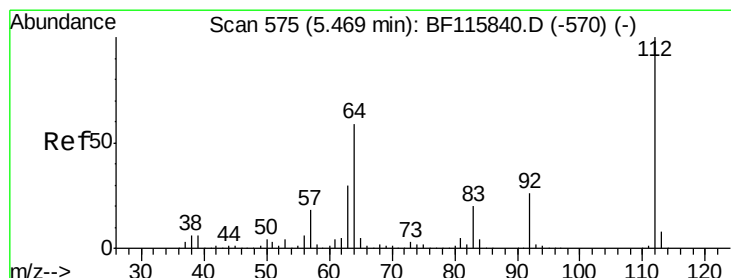
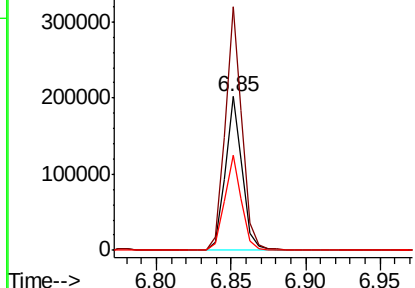
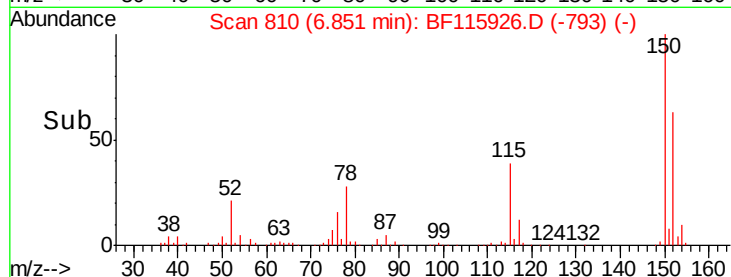
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF115926.D
Acq: 2 Aug 2019 00:09

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:152 Resp: 162062
Ion Ratio Lower Upper
152 100
150 158.2 127.4 191.0
115 61.8 51.8 77.8



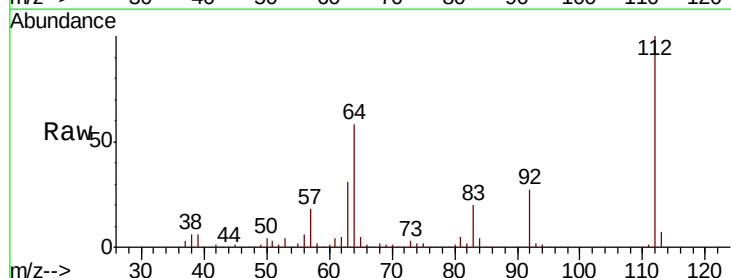
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



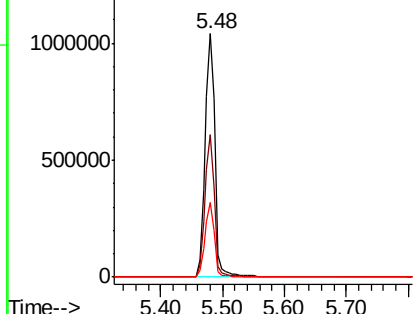
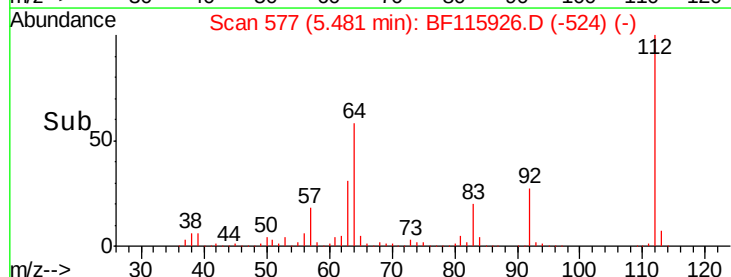
#5

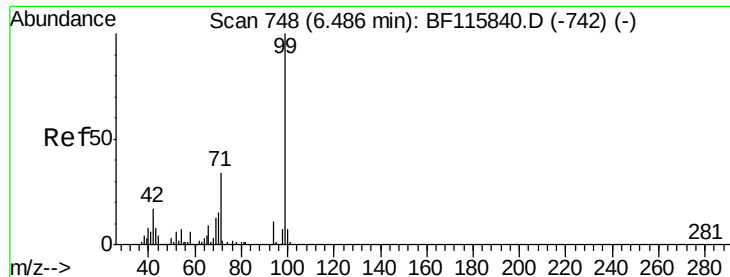
2-Fluorophenol
Concen: 119.880 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF115926.D
Acq: 2 Aug 2019 00:09

Tgt Ion:112 Resp: 1160530
Ion Ratio Lower Upper
112 100
64 58.5 46.8 70.2
63 30.7 24.2 36.2



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: 122.825 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF115926.D

Acq: 2 Aug 2019 00:09

Instrument :

BNA_F

ClientSampleId :

TP-1

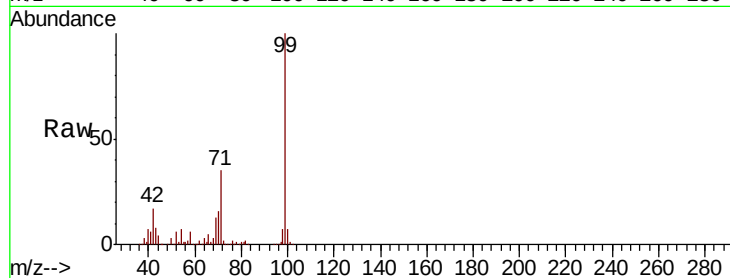
Tgt Ion: 99 Resp: 1500185

Ion Ratio Lower Upper

99 100

42 17.1 13.8 20.6

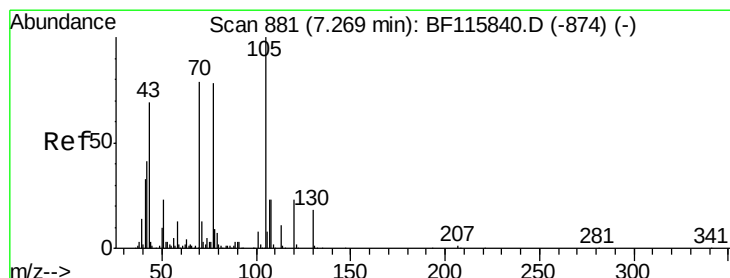
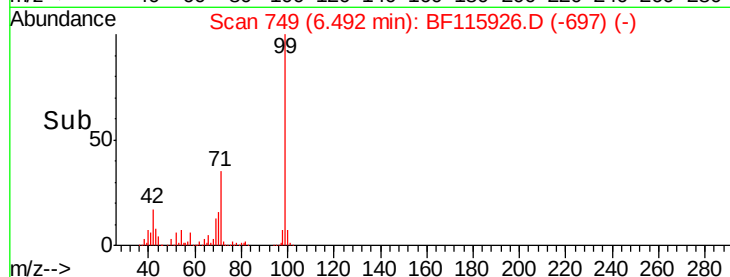
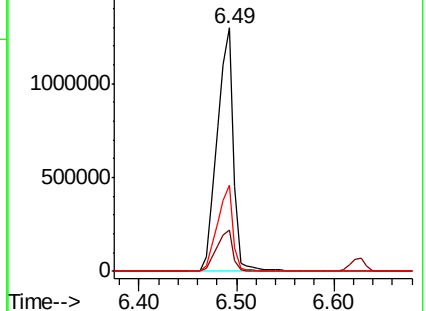
71 35.3 27.1 40.7



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: 16.895 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.15 min

Lab File: BF115926.D

Acq: 2 Aug 2019 00:09

Tgt Ion: 70 Resp: 127874

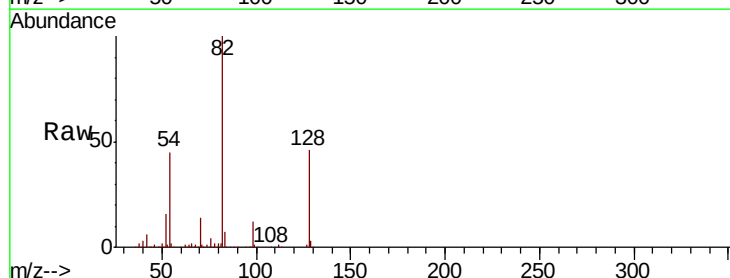
Ion Ratio Lower Upper

70 100

42 42.2 41.8 62.8

101 0.0 7.7 11.5#

130 2.4 17.8 26.6#

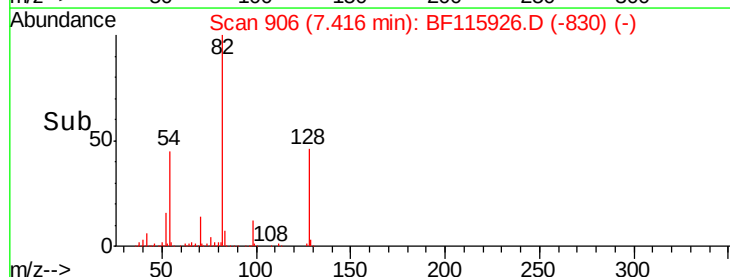
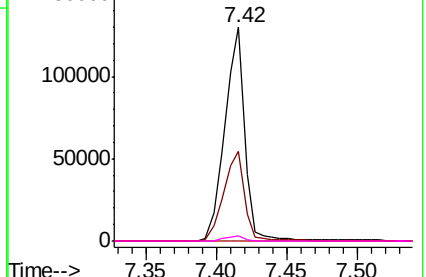


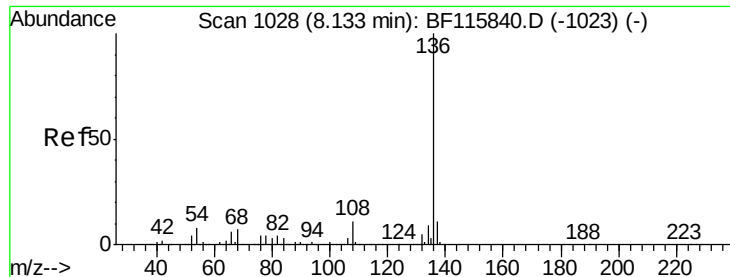
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

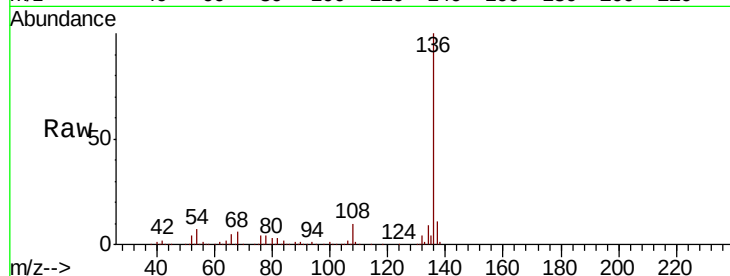




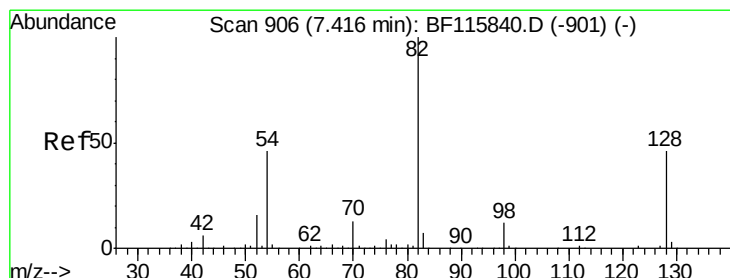
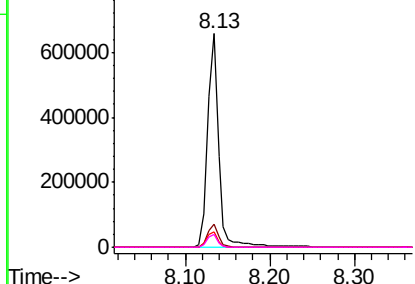
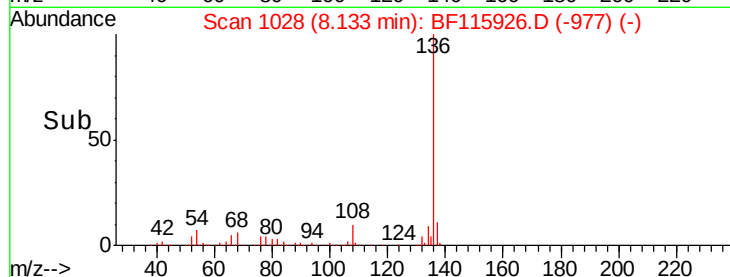
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF115926.D
Acq: 2 Aug 2019 00:09

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:	136	Resp:	606310
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	7.0	6.1	9.1
68	5.9	5.4	8.2

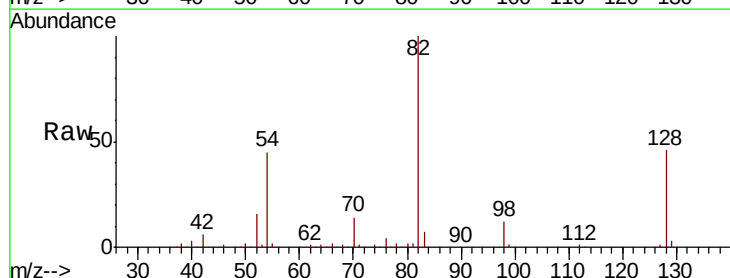


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

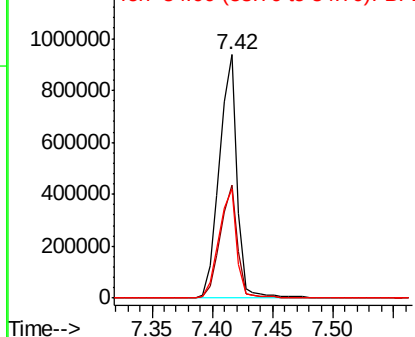
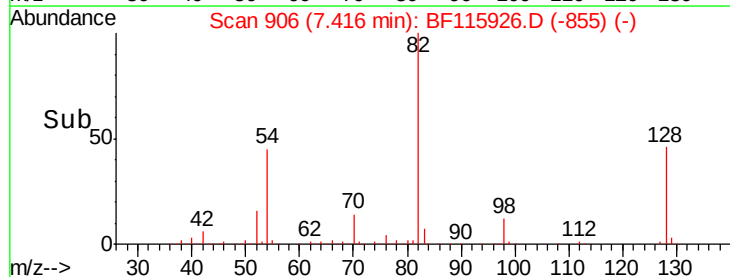


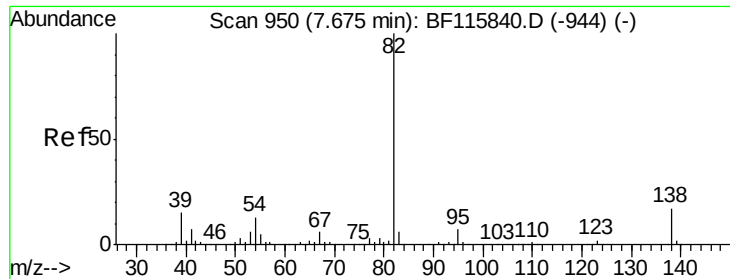
#23
Nitrobenzene-d5
Concen: 90.310 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF115926.D
Acq: 2 Aug 2019 00:09

Tgt Ion:	82	Resp:	948600
Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.6	55.0
54	45.0	36.6	55.0



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

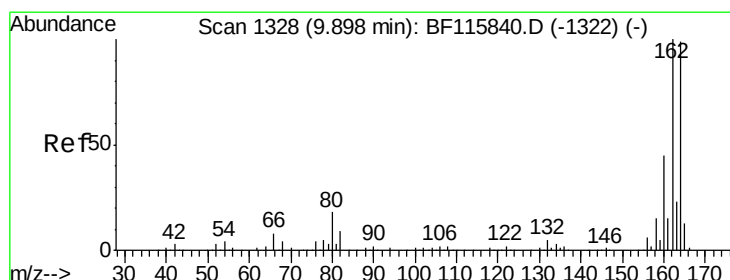
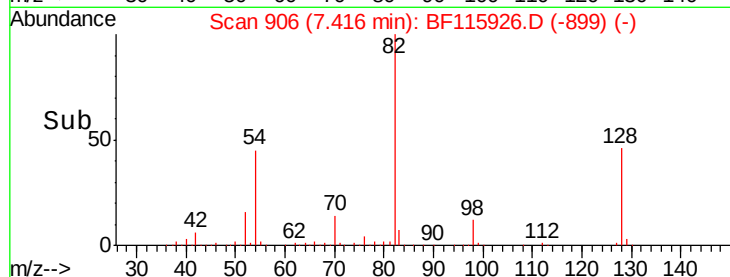
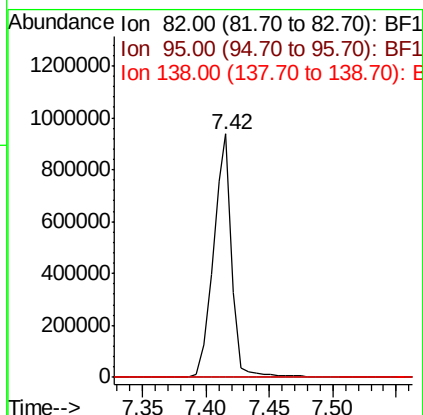
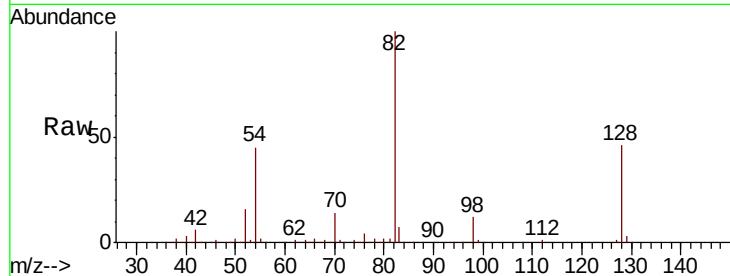




#25
Isophorone
Concen: 47.229 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF115926.D
Acq: 2 Aug 2019 00:09

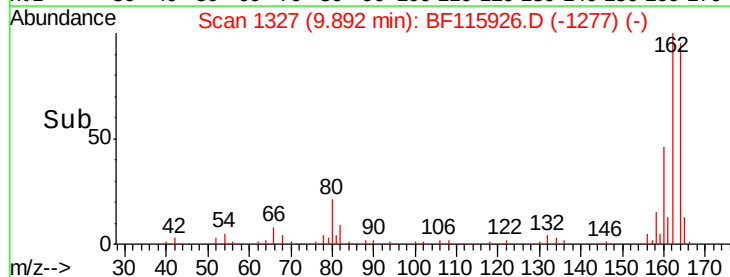
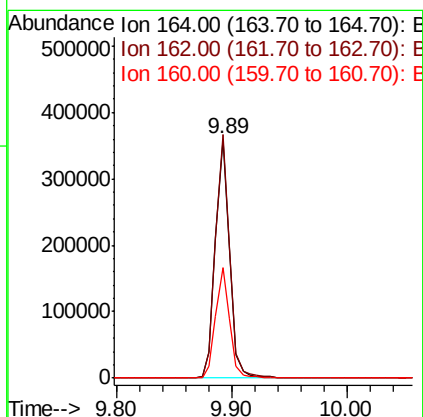
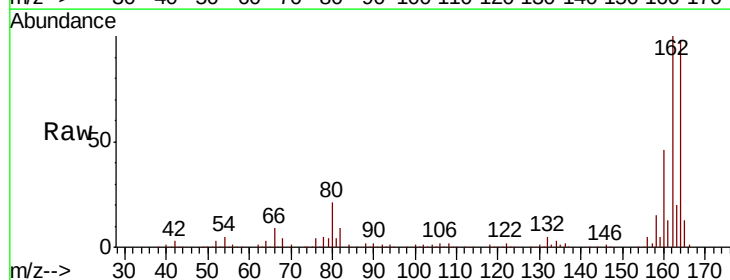
Instrument :
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ClientSampleId :
TP-1

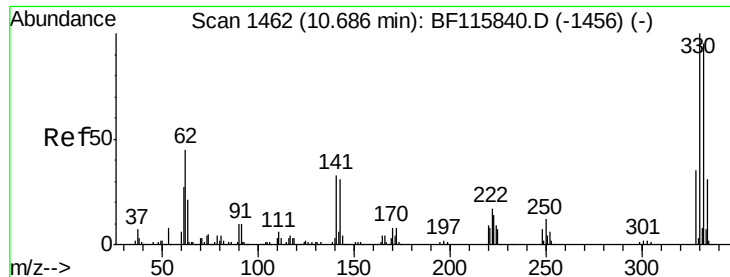
Tgt Ion: 82 Resp: 948594
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF115926.D
Acq: 2 Aug 2019 00:09

Tgt Ion: 164 Resp: 307663
Ion Ratio Lower Upper
164 100
162 102.0 80.8 121.2
160 46.5 36.2 54.4

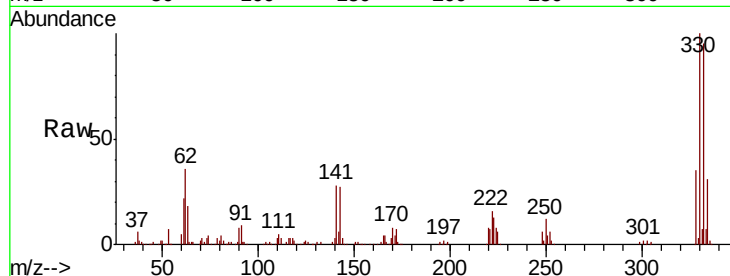




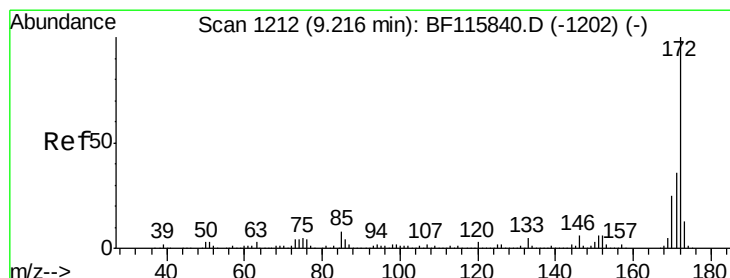
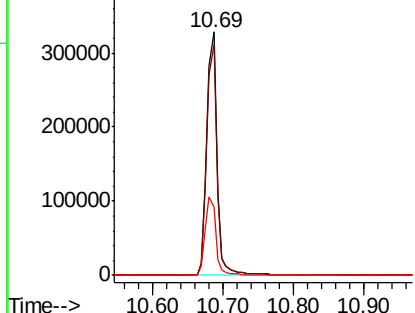
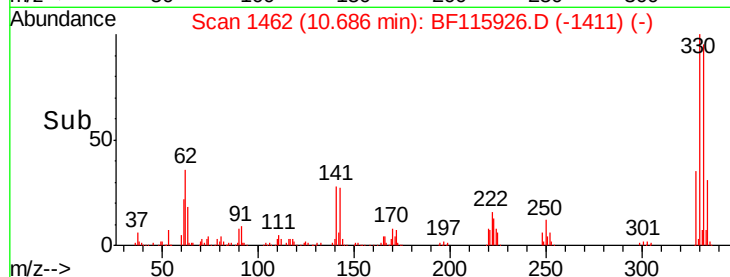
#42
 2,4,6-Tribromophenol
 Concen: 111.726 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: BF115926.D
 Acq: 2 Aug 2019 00:09

Instrument :
 BNA_F
 ClientSampled :
 TP-1

Tgt Ion:330 Resp: 333265
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.7 116.5
 141 33.8 28.1 42.1

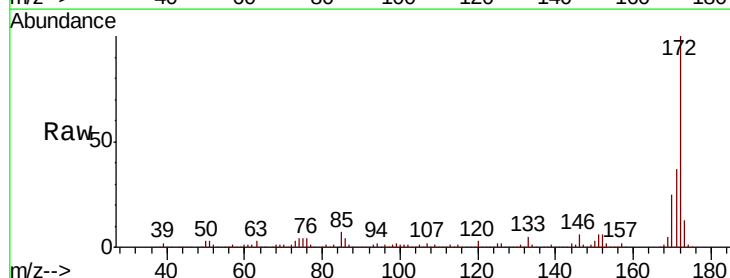


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

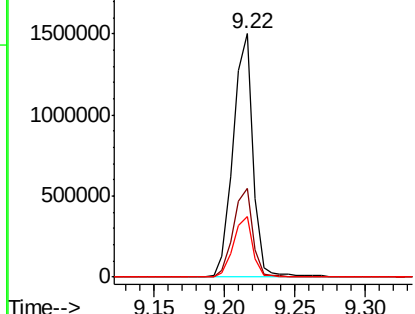
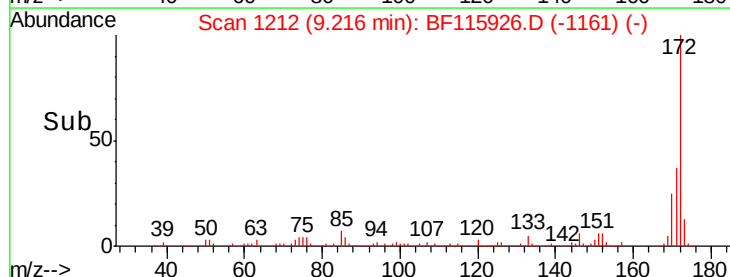


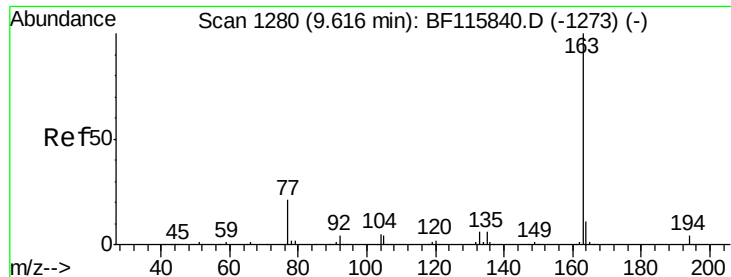
#45
 2-Fluorobiphenyl
 Concen: 89.950 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF115926.D
 Acq: 2 Aug 2019 00:09

Tgt Ion:172 Resp: 1477473
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.1 43.7
 170 24.9 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: 8.795 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF115926.D

Acq: 2 Aug 2019 00:09

Instrument :

BNA_F

ClientSampleId :

TP-1

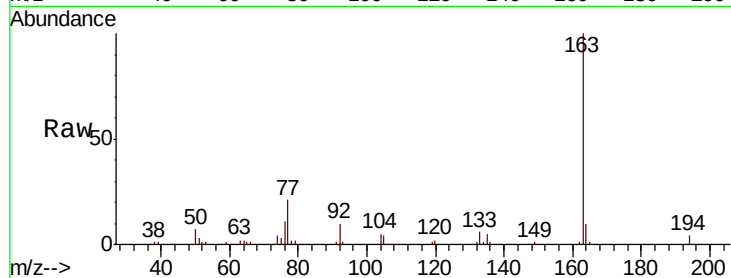
Tgt Ion:163 Resp: 184250

Ion Ratio Lower Upper

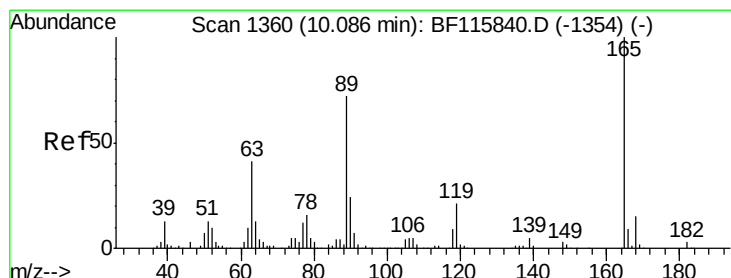
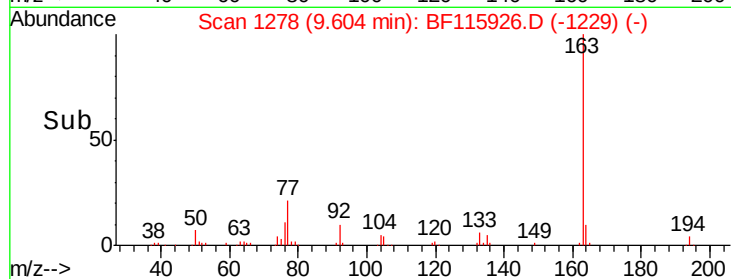
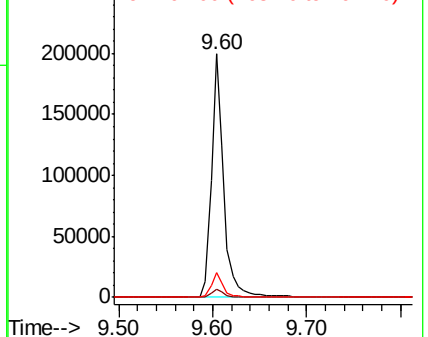
163 100

194 3.6 3.0 4.6

164 10.2 8.4 12.6



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: 6.432 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.19 min

Lab File: BF115926.D

Acq: 2 Aug 2019 00:09

Tgt Ion:165 Resp: 38985

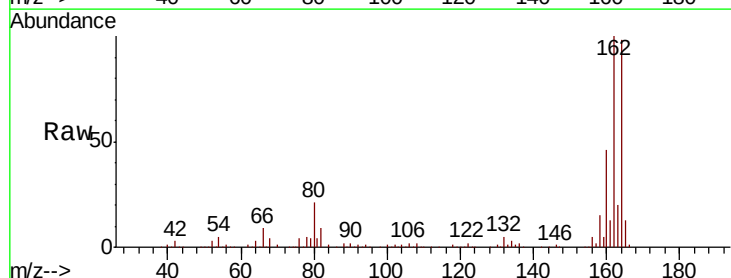
Ion Ratio Lower Upper

165 100

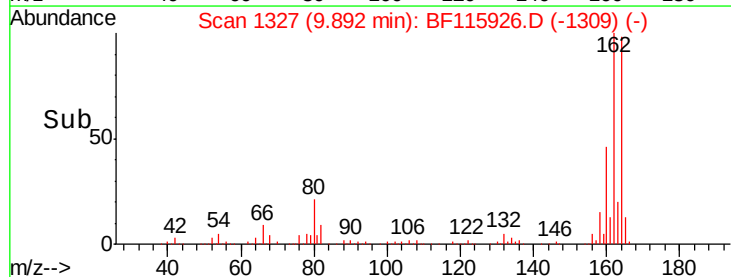
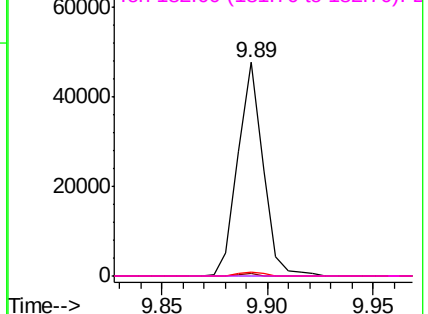
63 1.1 33.2 49.8#

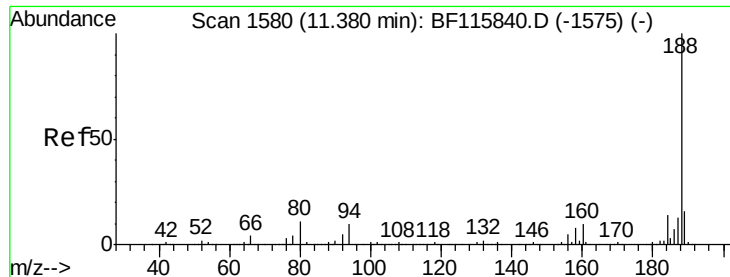
89 1.6 57.3 85.9#

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: 11.38 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BF115926.D

Acq: 2 Aug 2019 00:09

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TP-1

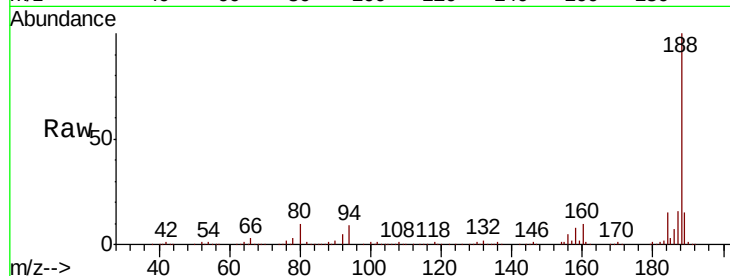
Tgt Ion:188 Resp: 464549

Ion Ratio Lower Upper

188 100

94 9.2 8.0 12.0

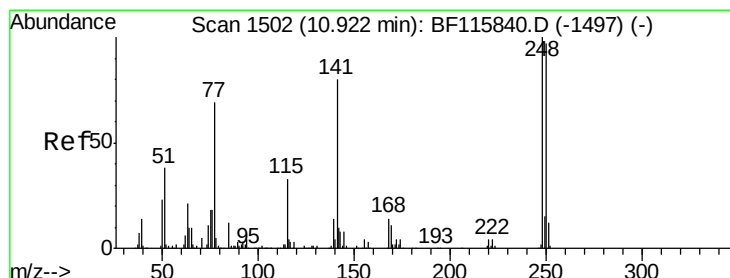
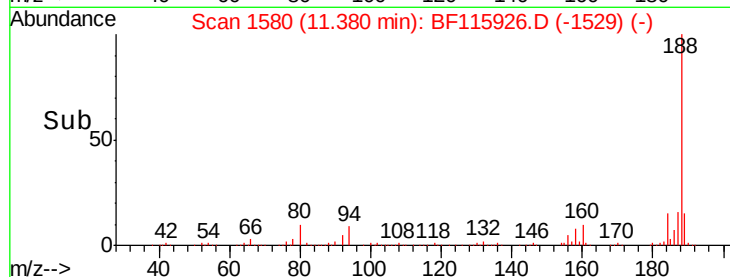
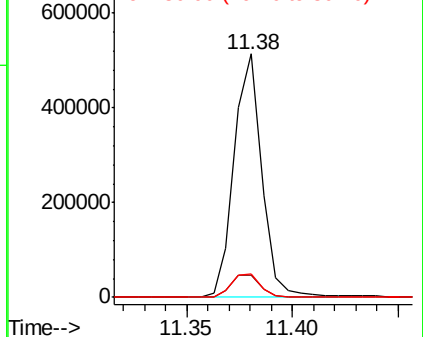
80 9.8 8.6 12.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#67

4-Bromophenyl-phenylether

Concen: 4.115 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.24 min

Lab File: BF115926.D

Acq: 2 Aug 2019 00:09

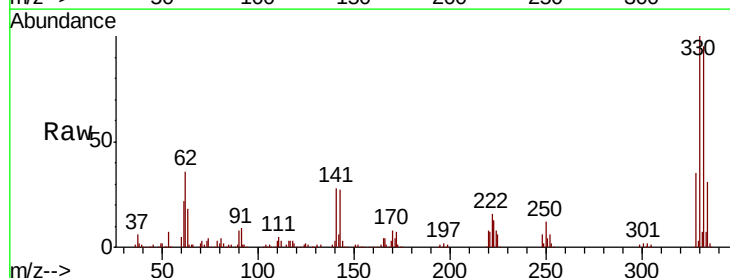
Tgt Ion:248 Resp: 20464

Ion Ratio Lower Upper

248 100

250 191.4 77.8 116.6#

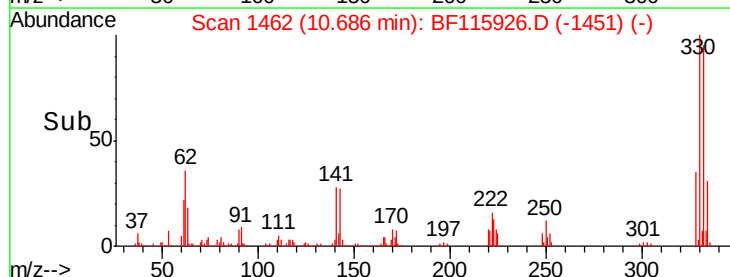
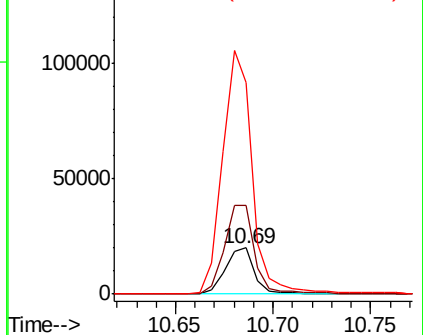
141 459.2 64.3 96.5#

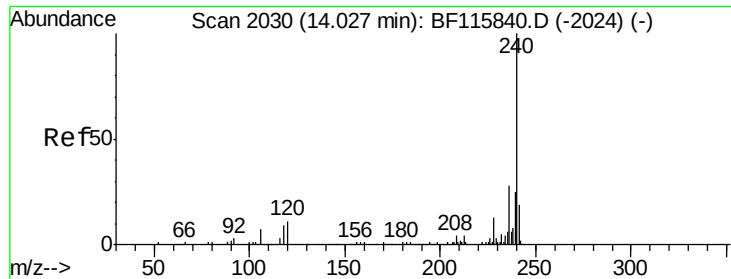


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

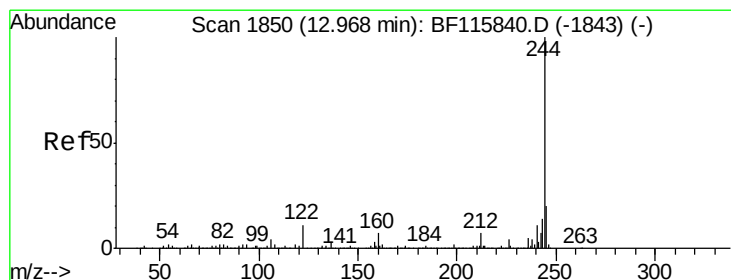
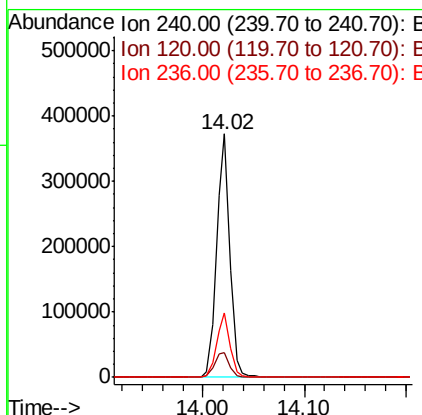
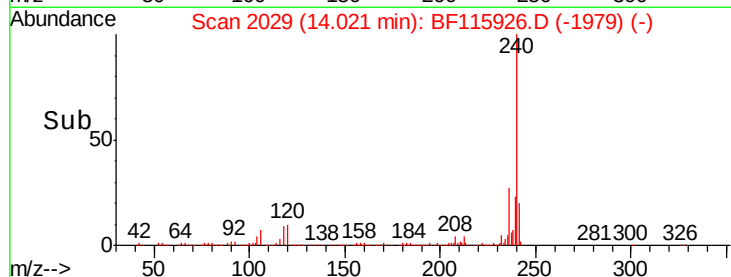
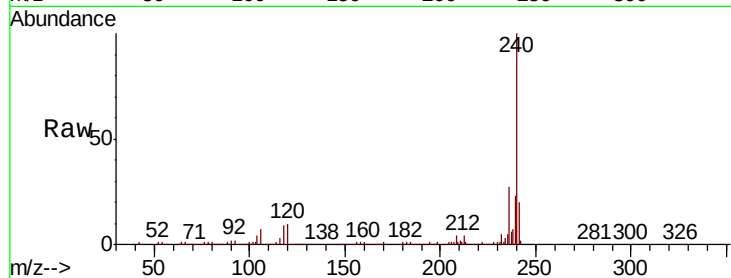




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF115926.D
Acq: 2 Aug 2019 00:09

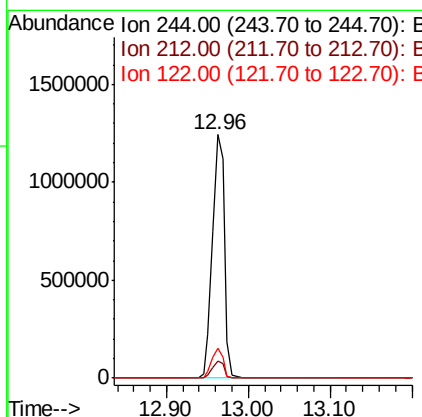
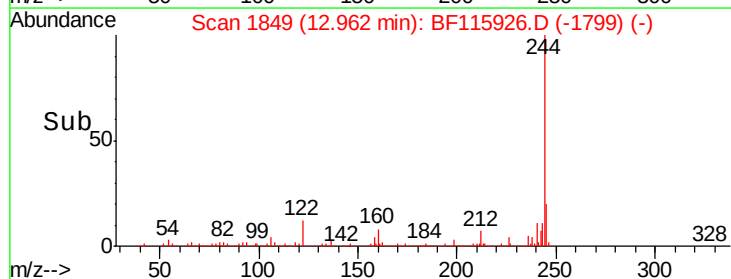
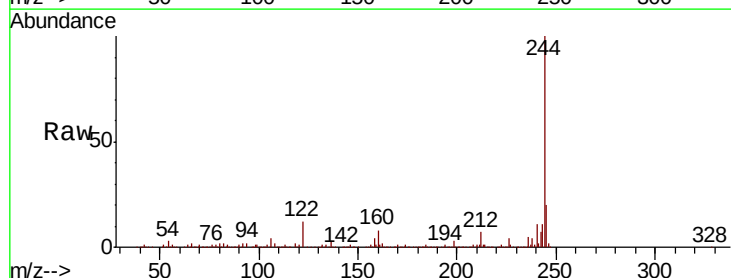
Instrument :
BNA_F
ClientSampleId :
TP-1

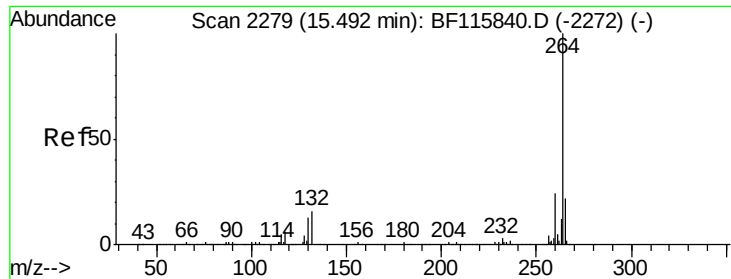
Tgt Ion:240 Resp: 335788
Ion Ratio Lower Upper
240 100
120 10.4 8.5 12.7
236 26.6 22.2 33.2



#79
Terphenyl-d14
Concen: 79.496 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF115926.D
Acq: 2 Aug 2019 00:09

Tgt Ion:244 Resp: 1266806
Ion Ratio Lower Upper
244 100
212 6.9 5.6 8.4
122 12.4 8.6 13.0





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. -0.00 min

Lab File: BF115926.D

Acq: 2 Aug 2019 00:09

Instrument :

BNA_F

ClientSampleId :

TP-1

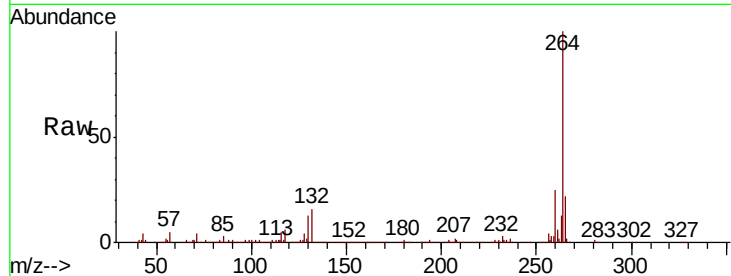
Tgt Ion:264 Resp: 370528

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.2

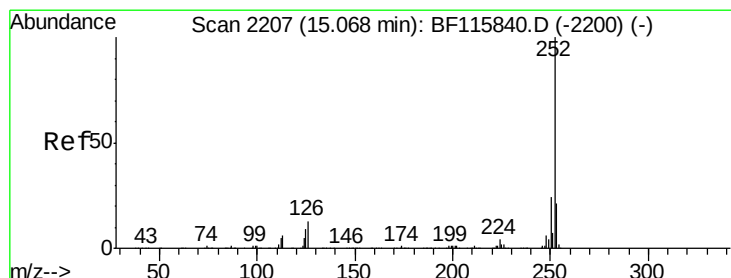
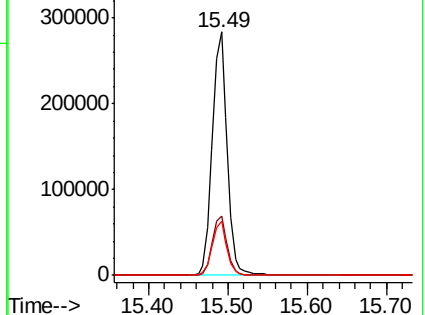
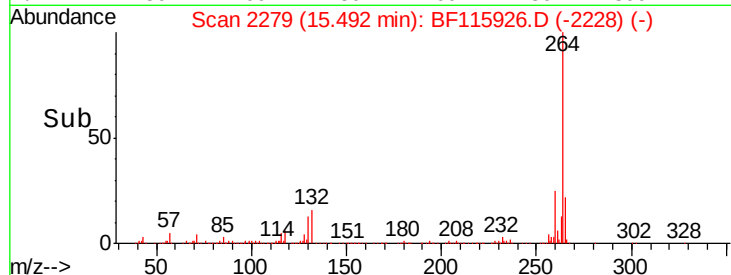
265 22.0 17.5 26.3



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: 2.122 ng

RT: 15.06 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BF115926.D

Acq: 2 Aug 2019 00:09

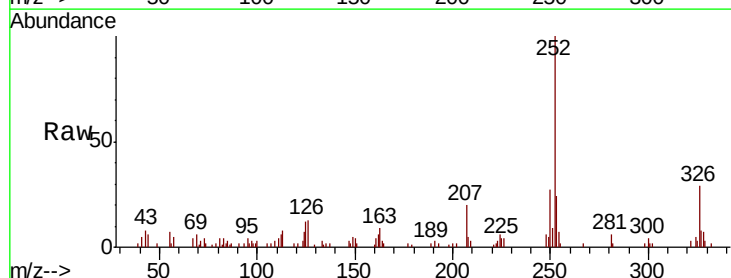
Tgt Ion:252 Resp: 45455

Ion Ratio Lower Upper

252 100

253 24.2 17.2 25.8

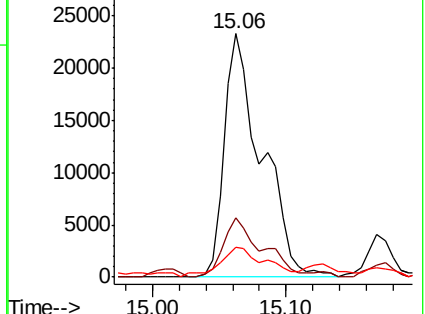
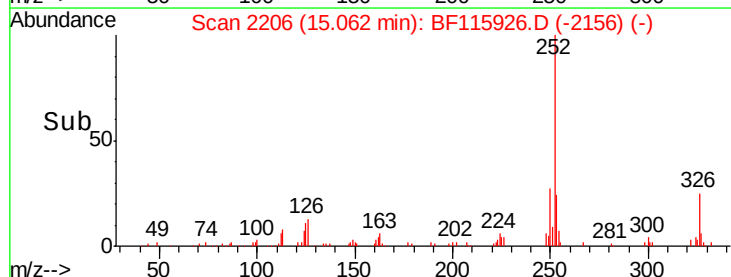
125 12.1 7.4 11.0#

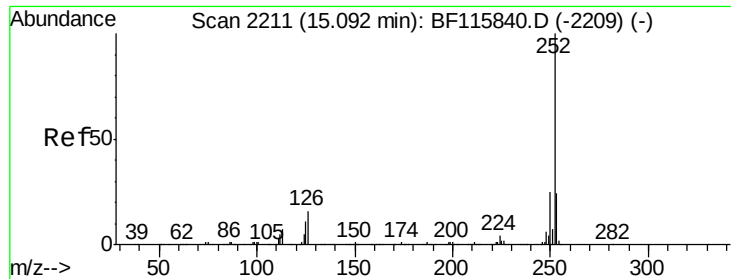


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 2.178 ng

RT: 15.06 min Scan# 2206

Delta R.T. -0.03 min

Lab File: BF115926.D

Acq: 2 Aug 2019 00:09

Instrument :

BNA_F

ClientSampleId :

TP-1

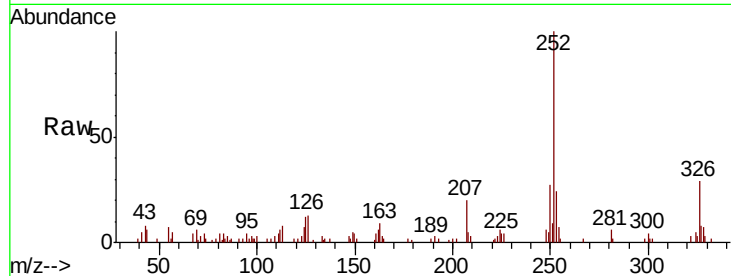
Tgt Ion:252 Resp: 45455

Ion Ratio Lower Upper

252 100

253 24.2 18.2 27.4

125 12.1 8.9 13.3



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

