

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072319\
 Data File : BF115726.D
 Acq On : 23 Jul 2019 18:37
 Operator : HP/JU
 Sample : K3617-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-071919-A

Quant Time: Jul 24 05:45:07 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	6.87	152	167169	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	627841	20.00	ng	-0.02
39) Acenaphthene-d10	9.90	164	358565	20.00	ng	-0.02
64) Phenanthrene-d10	11.39	188	673794	20.00	ng	-0.02
76) Chrysene-d12	14.03	240	525758	20.00	ng	-0.02
87) Perylene-d12	15.50	264	469696	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1101517	107.78	ng	0.00
7) Phenol-d6	6.50	99	1282366	98.89	ng	-0.01
23) Nitrobenzene-d5	7.43	82	1029038	95.30	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	530910	126.85	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	1828021	89.23	ng	-0.02
79) Terphenyl-d14	12.98	244	2374675	83.34	ng	-0.02

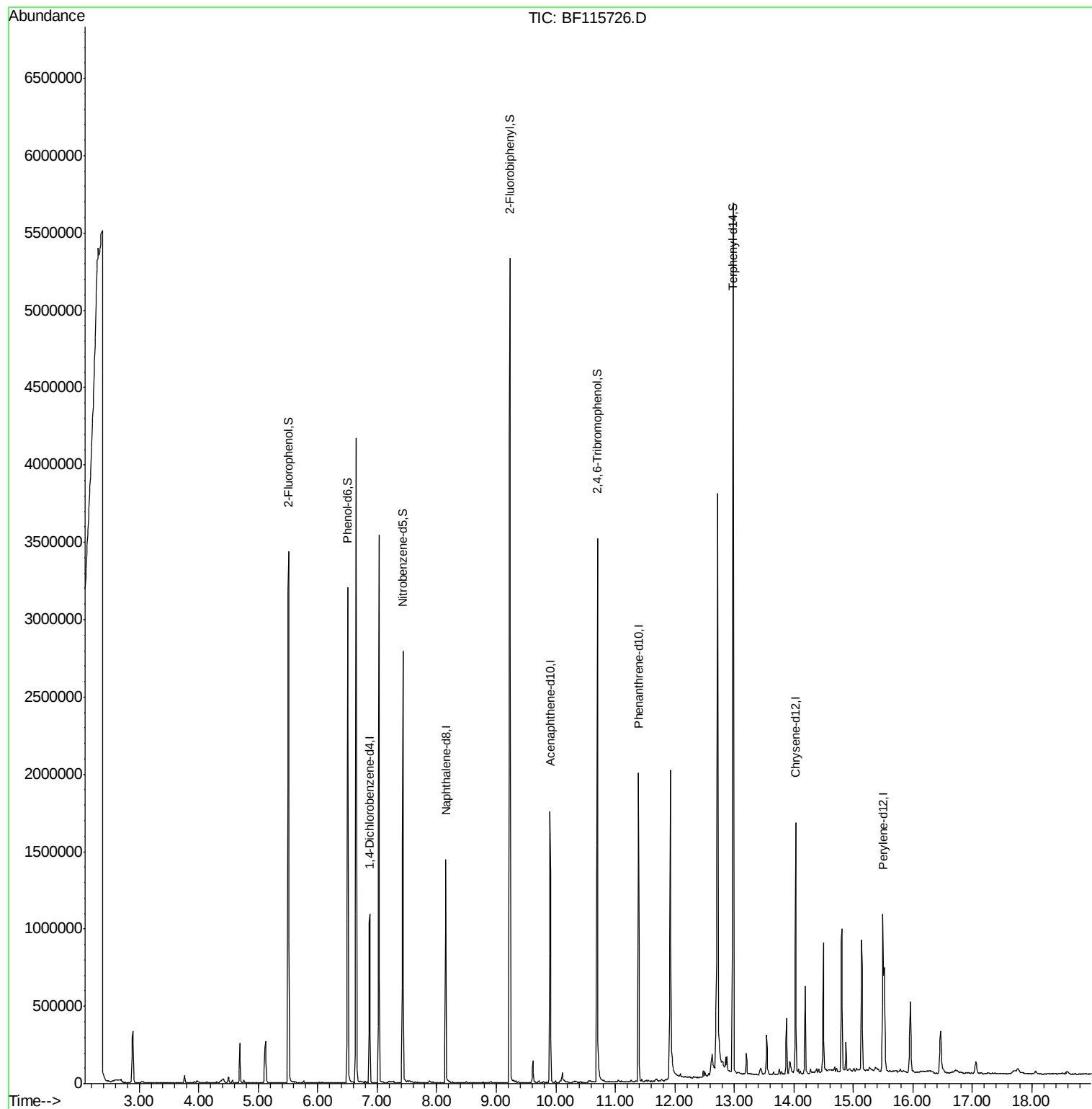
Target Compounds Qvalue

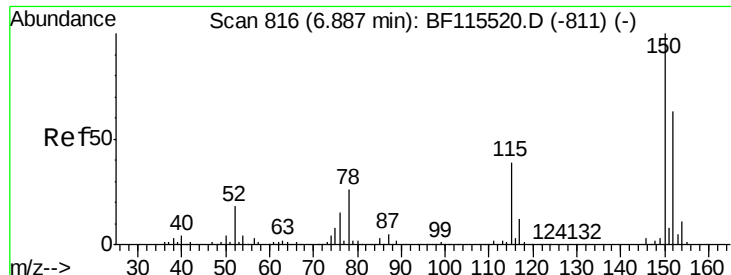
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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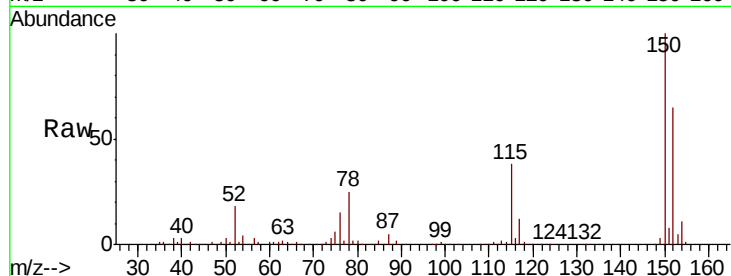


#1

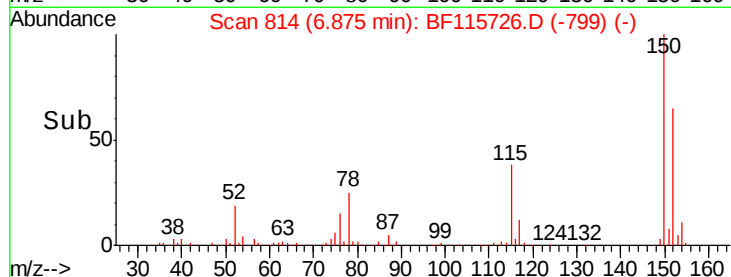
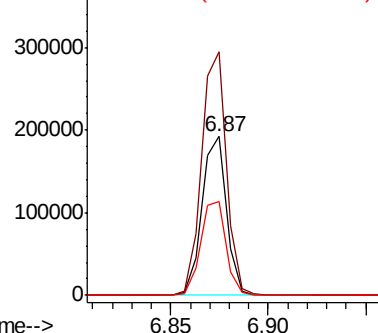
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF115726.D
Acq: 23 Jul 2019 18:37

Instrument :
BNA_F
ClientSampleId :
NB-07-071919-A

Tot Ion:152 Resp: 167169
Ion Ratio Lower Upper
152 100
150 153.4 129.7 194.5
115 58.9 48.2 72.4



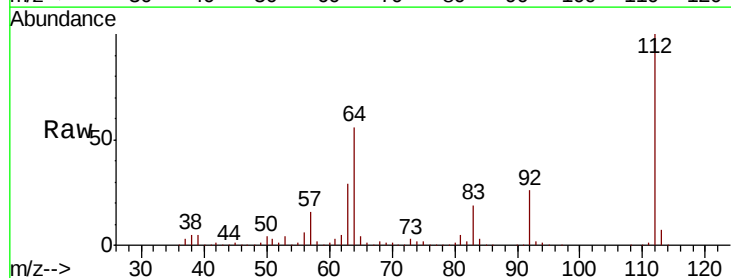
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



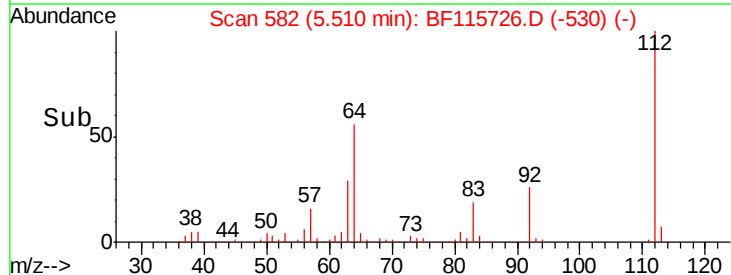
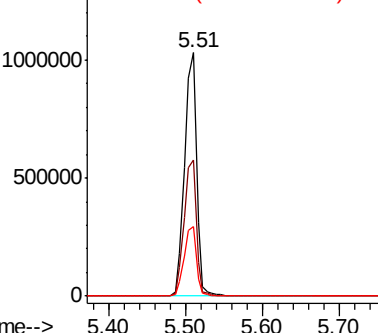
#5

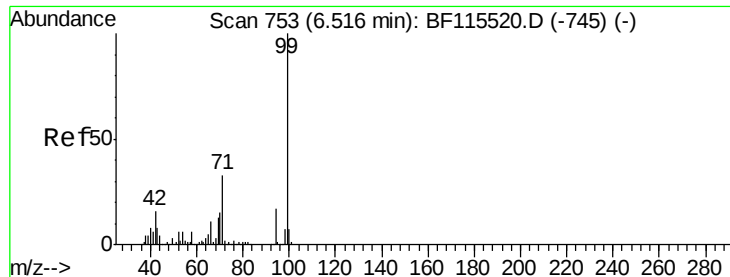
2-Fluorophenol
Concen: 107.781 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF115726.D
Acq: 23 Jul 2019 18:37

Tgt Ion:112 Resp: 1101517
Ion Ratio Lower Upper
112 100
64 55.6 46.8 70.2
63 28.6 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: 98.887 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF115726.D

Acq: 23 Jul 2019 18:37

Instrument :

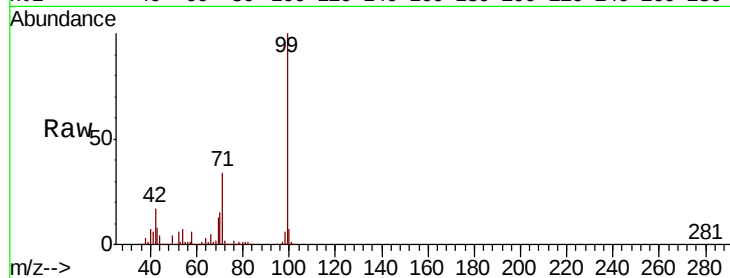
BNA_F

ClientSampleId :

NB-07-071919-A

Tot Ion: 99 Resp: 1282366

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.6	20.4
71	34.3	28.5	42.7

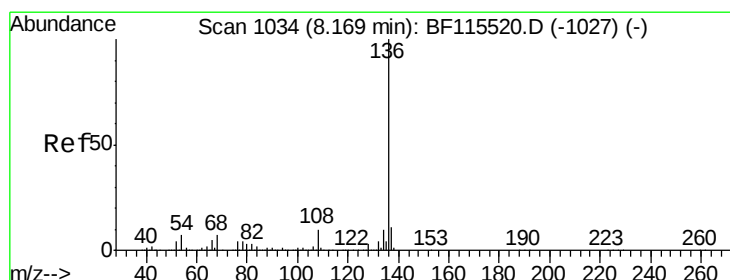
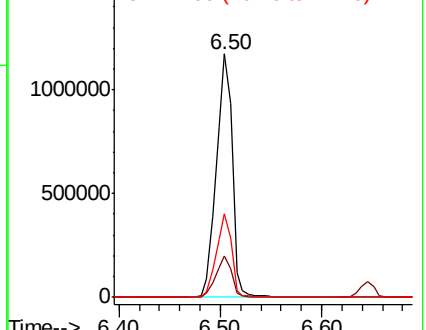
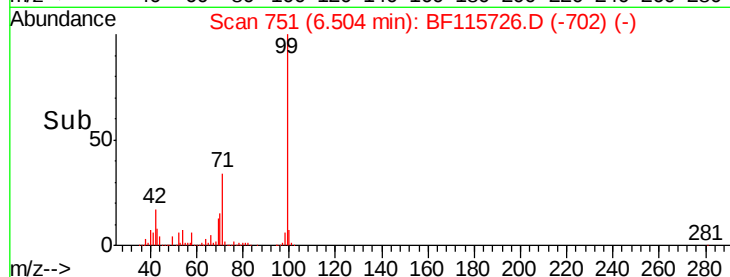


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

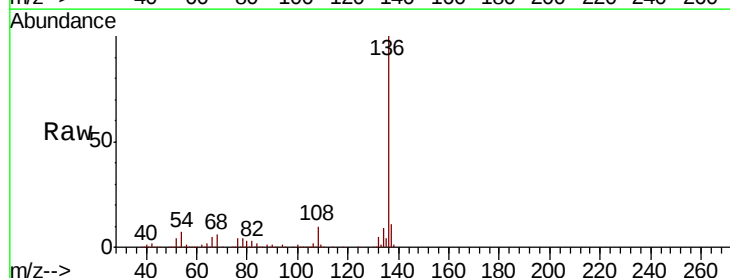
Delta R.T. -0.02 min

Lab File: BF115726.D

Acq: 23 Jul 2019 18:37

Tgt Ion: 136 Resp: 627841

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	6.9	5.6	8.4
68	6.2	5.0	7.6



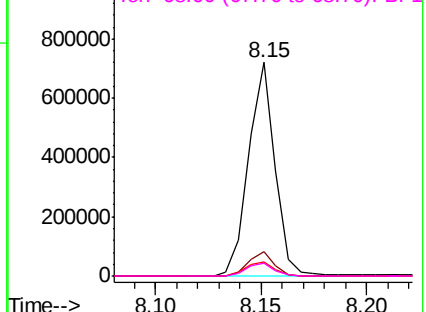
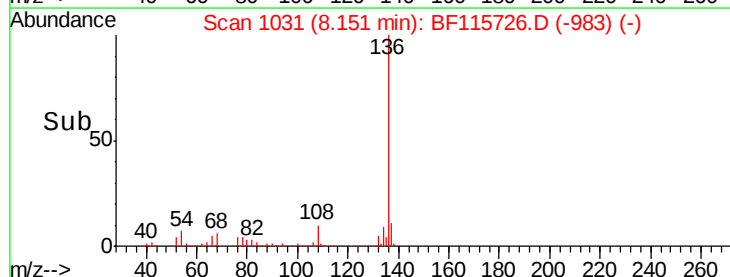
Abundance

Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

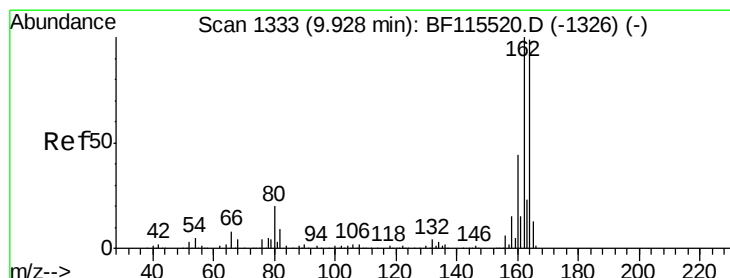
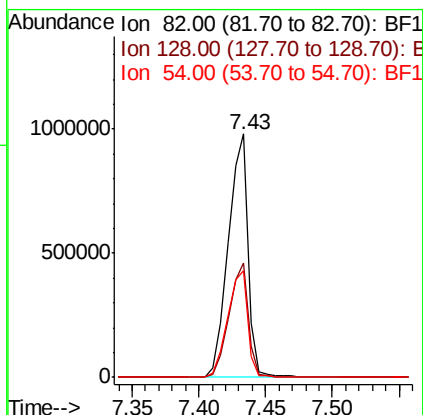
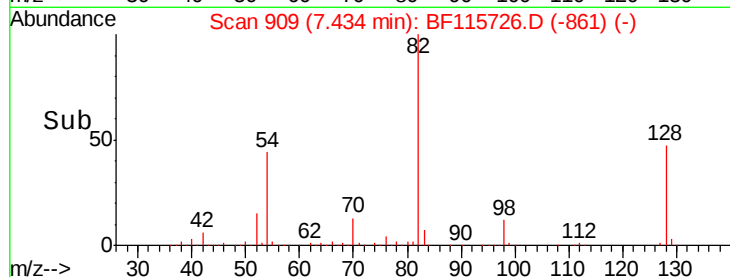
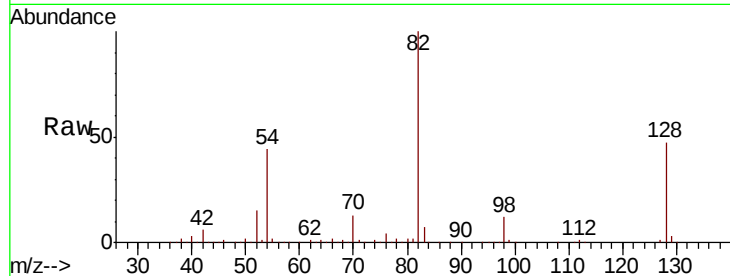




#23
Nitrobenzene-d5
Concen: 95.303 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF115726.D
Acq: 23 Jul 2019 18:37

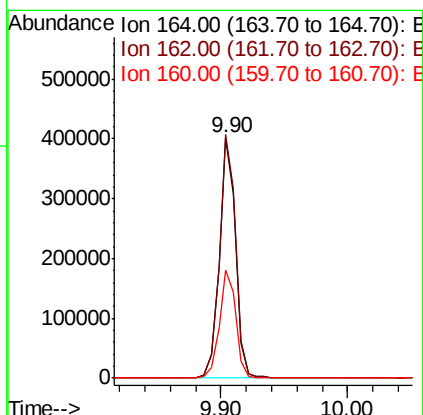
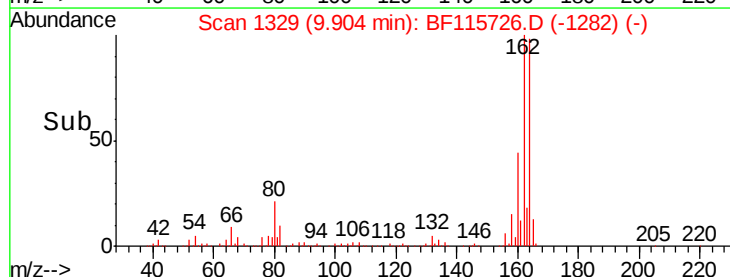
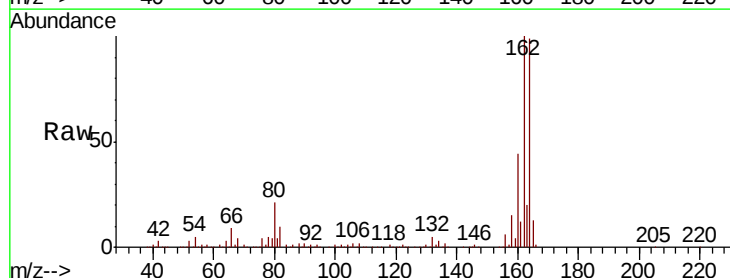
Instrument :
BNA_F
ClientSampleId :
NB-07-071919-A

Tot Ion: 82 Resp: 1029038
Ion Ratio Lower Upper
82 100
128 47.2 38.6 57.8
54 43.9 35.6 53.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF115726.D
Acq: 23 Jul 2019 18:37

Tgt Ion:164 Resp: 358565
Ion Ratio Lower Upper
164 100
162 101.4 82.9 124.3
160 45.0 36.8 55.2

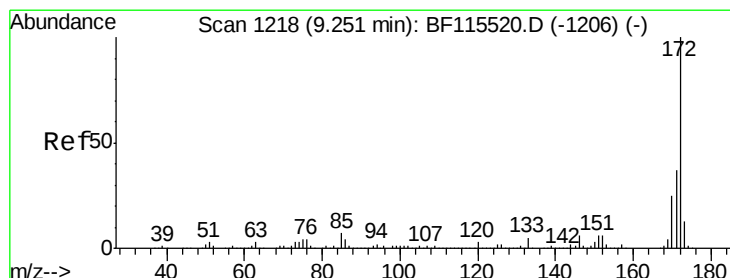
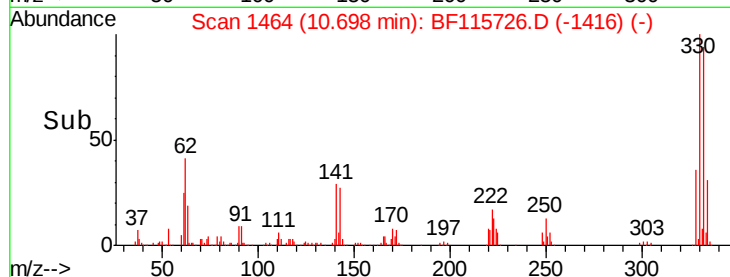
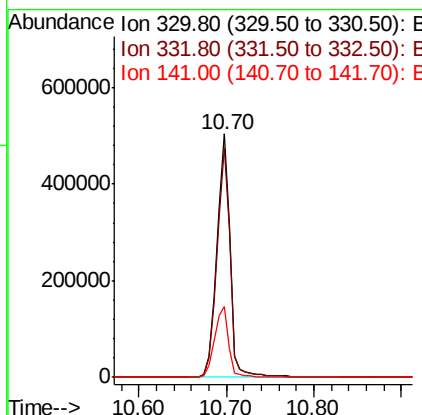
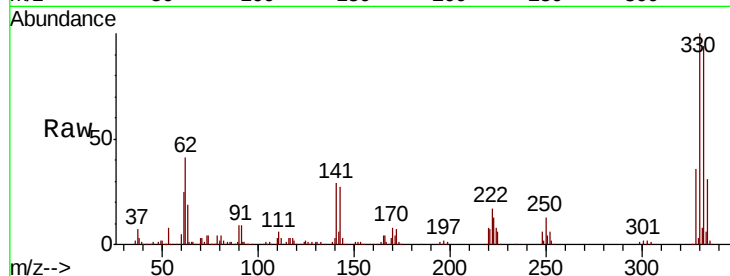




#42
 2,4,6-Tribromophenol
 Concen: 126.850 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.02 min
 Lab File: BF115726.D
 Acq: 23 Jul 2019 18:37

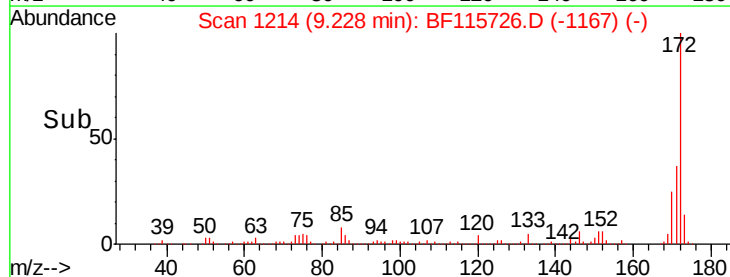
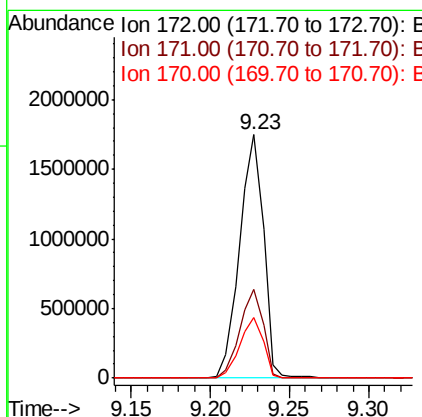
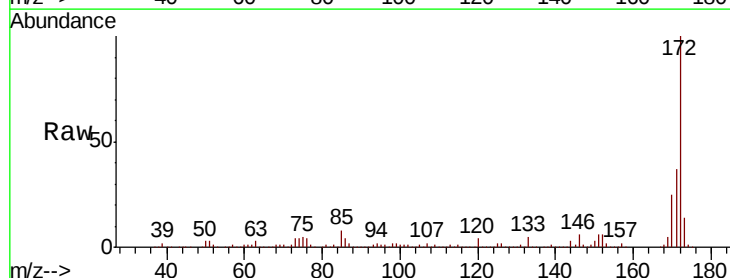
Instrument :
 BNA_F
 ClientSampleId :
 NB-07-071919-A

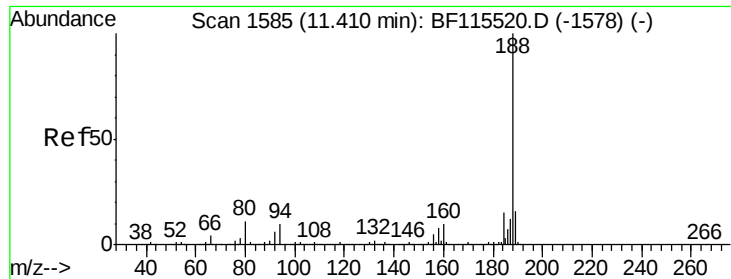
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.4	116.2
141	31.1	22.4	33.6



#45
 2-Fluorobiphenyl
 Concen: 89.232 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.02 min
 Lab File: BF115726.D
 Acq: 23 Jul 2019 18:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.6	46.0
170	25.0	20.5	30.7

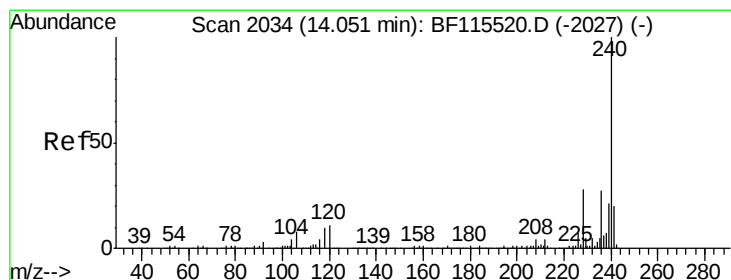
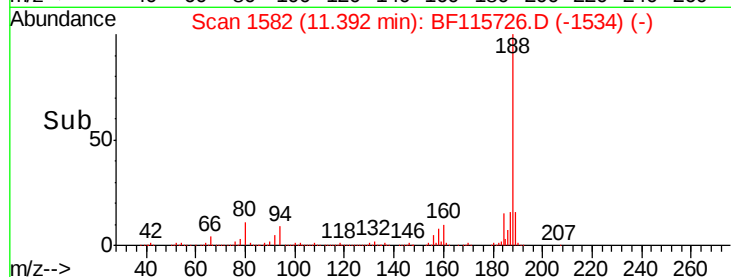
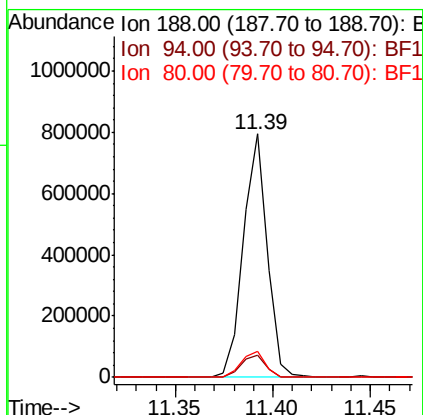
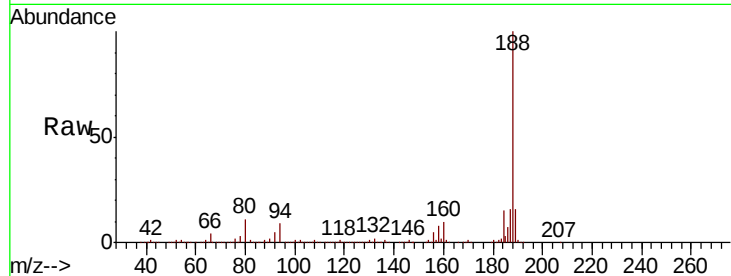




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.02 min
Lab File: BF115726.D
Acq: 23 Jul 2019 18:37

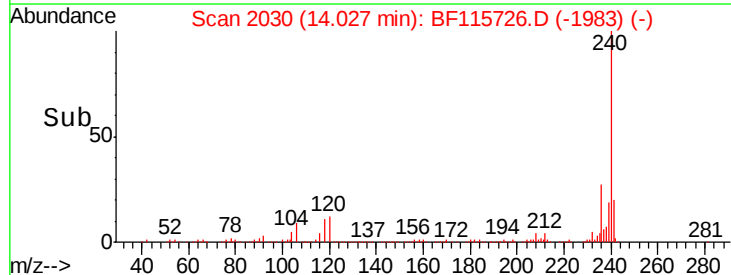
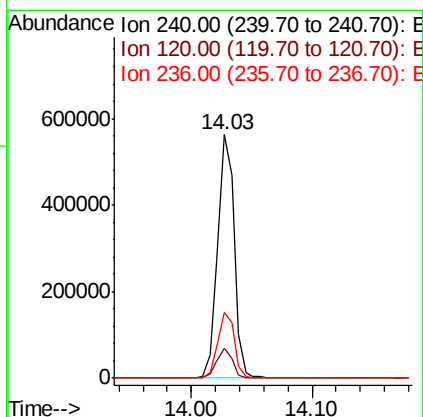
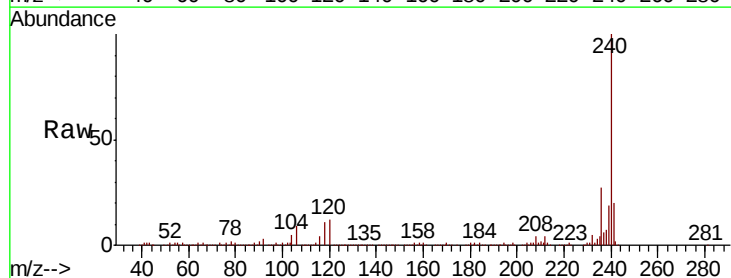
Instrument :
BNA_F
ClientSampleId :
NB-07-071919-A

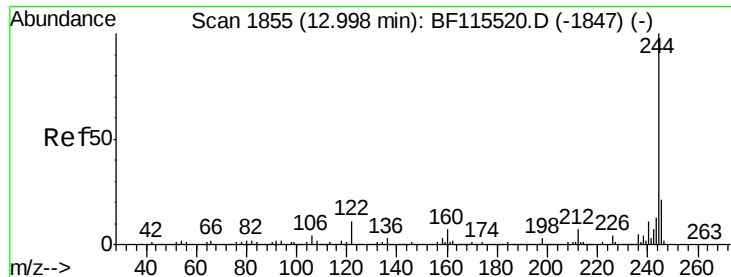
Tot Ion:188 Resp: 673794
Ion Ratio Lower Upper
188 100
94 9.4 7.8 11.6
80 10.6 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BF115726.D
Acq: 23 Jul 2019 18:37

Tgt Ion:240 Resp: 525758
Ion Ratio Lower Upper
240 100
120 12.2 8.6 13.0
236 27.2 21.3 31.9





#79

Terphenyl-d14

Concen: 83.340 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BF115726.D

Acq: 23 Jul 2019 18:37

Instrument :

BNA_F

ClientSampleID :

NB-07-071919-A

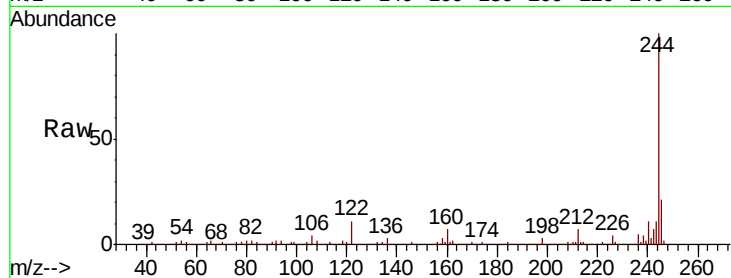
Tot Ion:244 Resp: 2374675

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

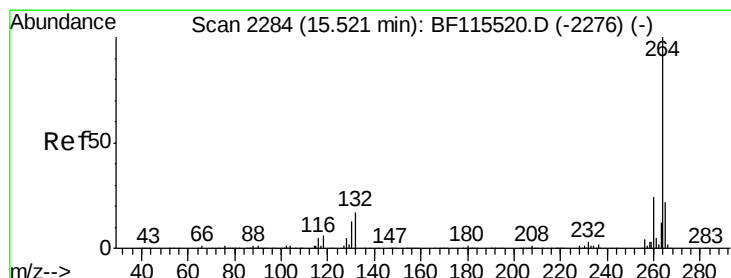
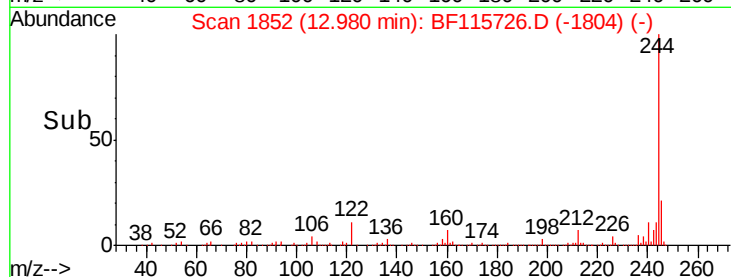
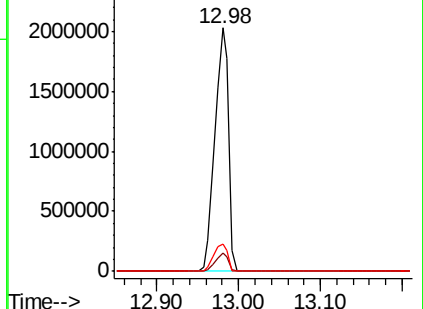
122 11.4 8.6 12.8



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# 2280

Delta R.T. -0.02 min

Lab File: BF115726.D

Acq: 23 Jul 2019 18:37

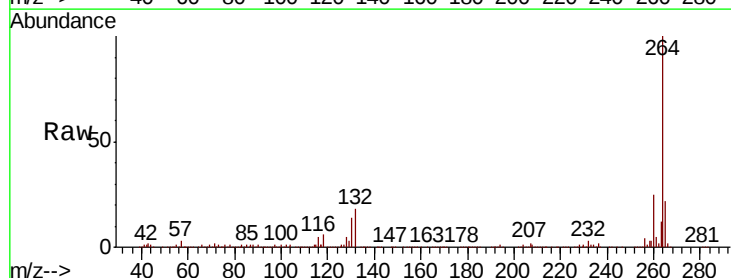
Tgt Ion:264 Resp: 469696

Ion Ratio Lower Upper

264 100

260 25.0 19.8 29.8

265 22.0 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

