

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072219\
 Data File : BF115703.D
 Acq On : 22 Jul 2019 12:25
 Operator : HP/JU
 Sample : PB121540TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121540TB

Quant Time: Jul 23 01:48:41 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	179316	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	684306	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	376025	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	673430	20.00	ng	-0.01
76) Chrysene-d12	14.04	240	482061	20.00	ng	-0.01
87) Perylene-d12	15.52	264	440387	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1320539	120.46	ng	0.01
7) Phenol-d6	6.51	99	1740703	125.14	ng	0.00
23) Nitrobenzene-d5	7.44	82	1126949	95.76	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	510533	116.32	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	2014057	93.75	ng	-0.01
79) Terphenyl-d14	12.99	244	2235865	85.58	ng	0.00

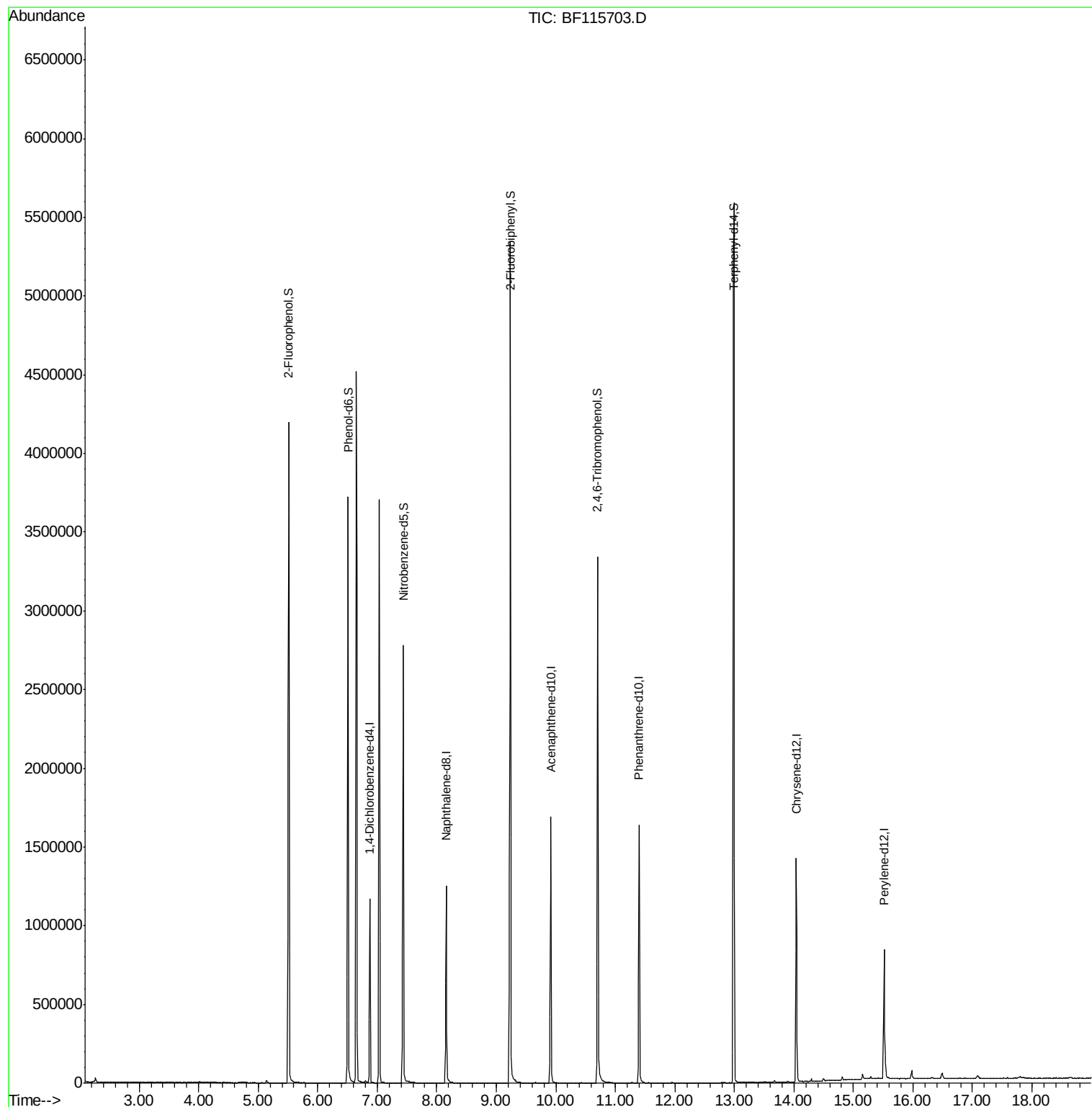
Target Compounds Qvalue

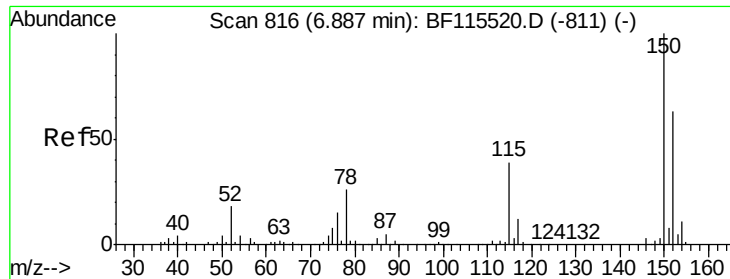
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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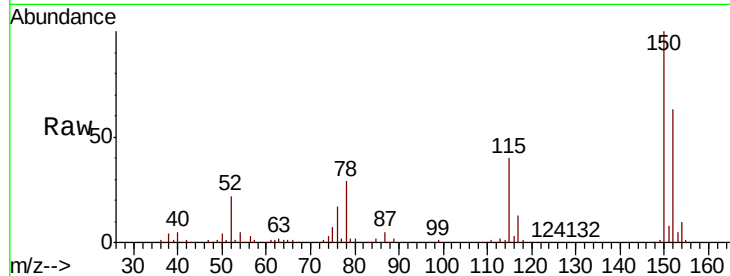


#1

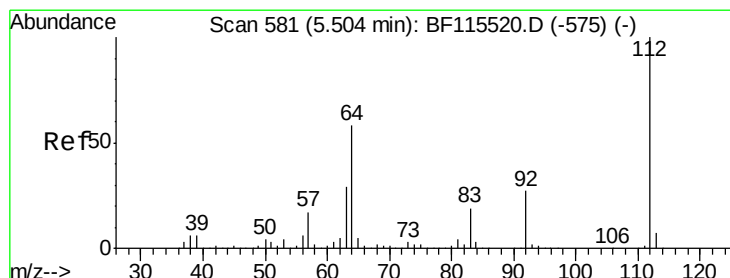
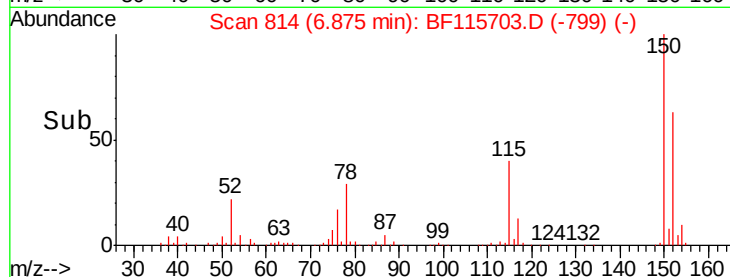
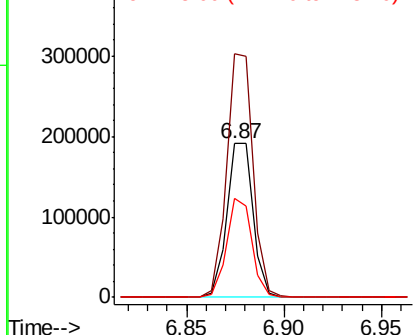
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF115703.D
Acq: 22 Jul 2019 12:25

Instrument :
BNA_F
ClientSampleId :
PB121540TB

Tot Ion:152 Resp: 179316
Ion Ratio Lower Upper
152 100
150 158.4 129.7 194.5
115 64.1 48.2 72.4



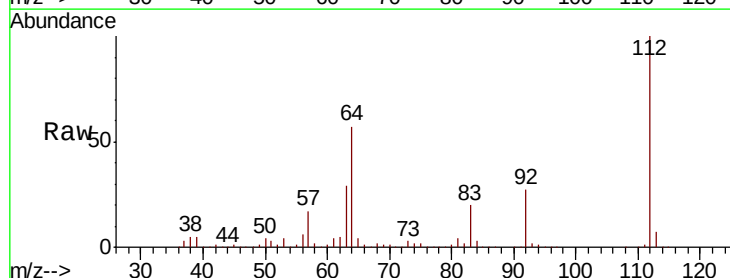
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



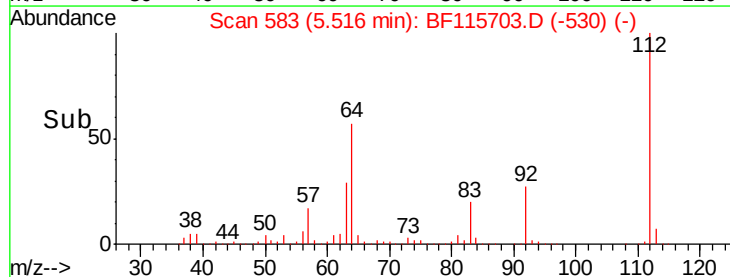
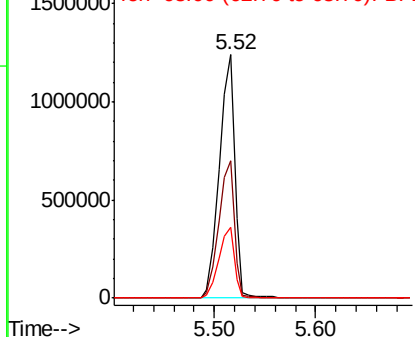
#5

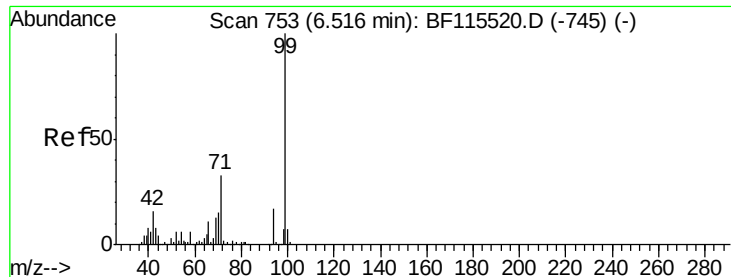
2-Fluorophenol
Concen: 120.459 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF115703.D
Acq: 22 Jul 2019 12:25

Tgt Ion:112 Resp: 1320539
Ion Ratio Lower Upper
112 100
64 56.5 46.8 70.2
63 29.3 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: 125.138 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115703.D

Acq: 22 Jul 2019 12:25

Instrument :

BNA_F

ClientSampleId :

PB121540TB

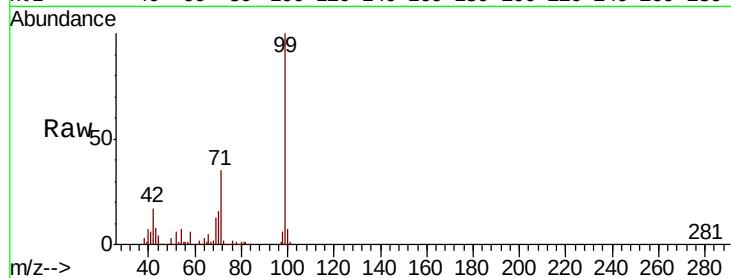
Tot Ion: 99 Resp: 1740703

Ion Ratio Lower Upper

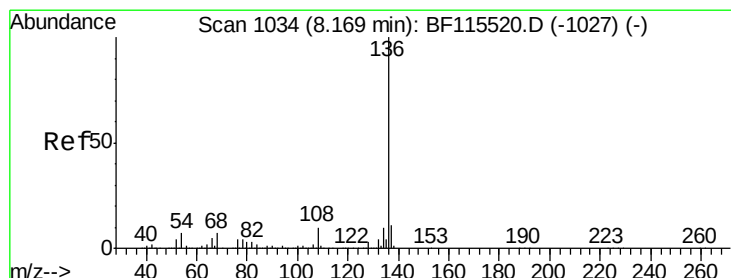
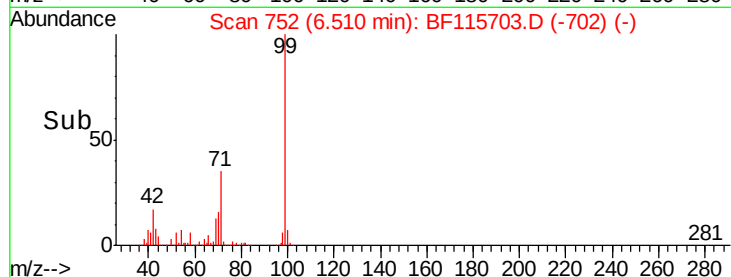
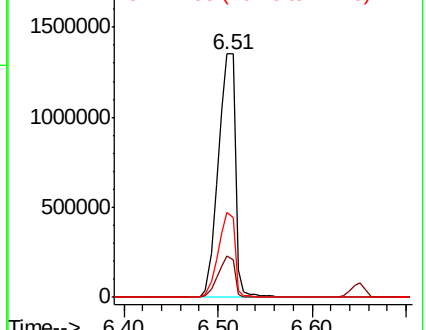
99 100

42 17.0 13.6 20.4

71 34.8 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: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF115703.D

Acq: 22 Jul 2019 12:25

Tgt Ion: 136 Resp: 684306

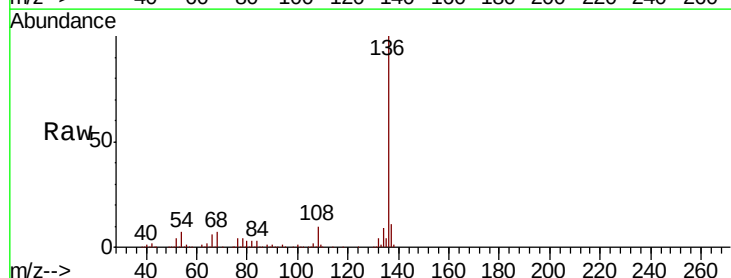
Ion Ratio Lower Upper

136 100

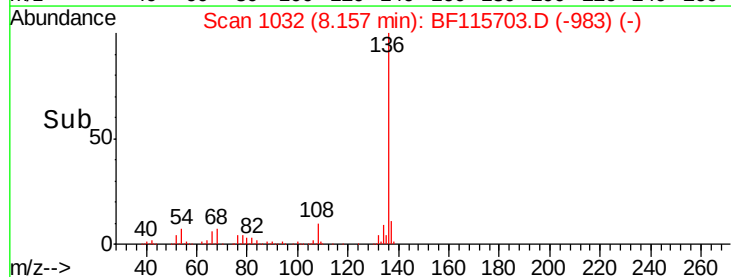
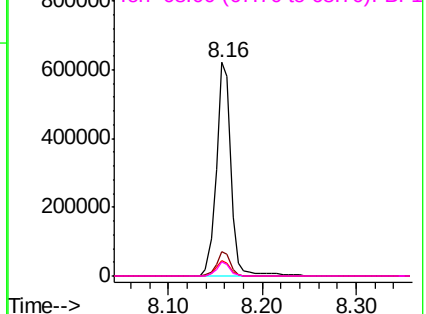
137 11.4 9.0 13.4

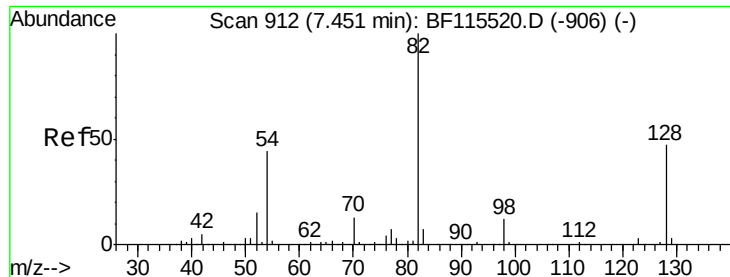
54 7.2 5.6 8.4

68 6.5 5.0 7.6



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

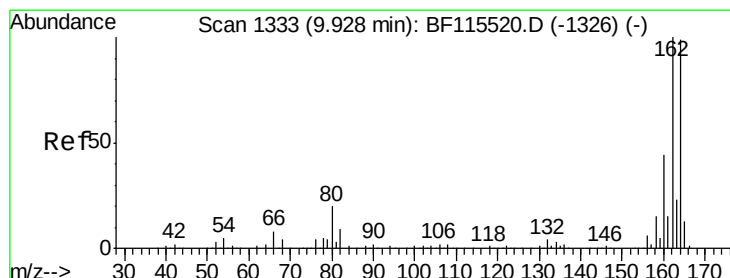
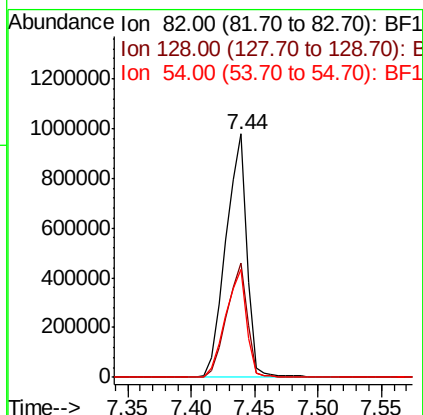
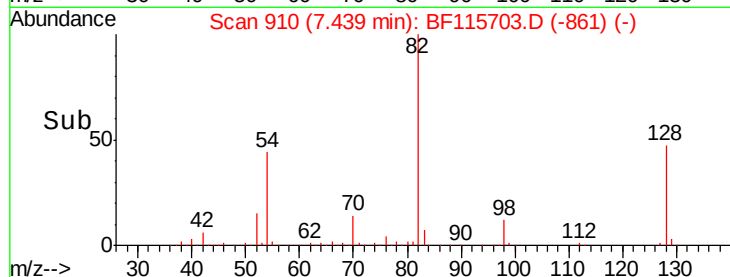
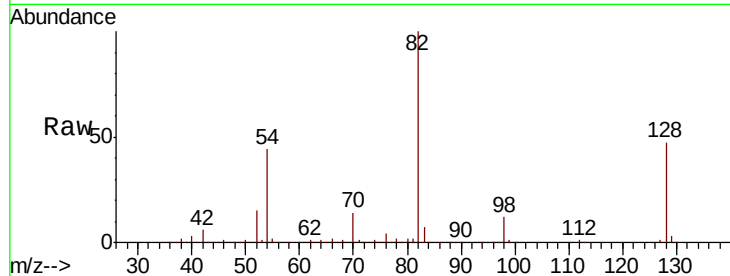




#23
 Nitrobenzene-d5
 Concen: 95.759 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF115703.D
 Acq: 22 Jul 2019 12:25

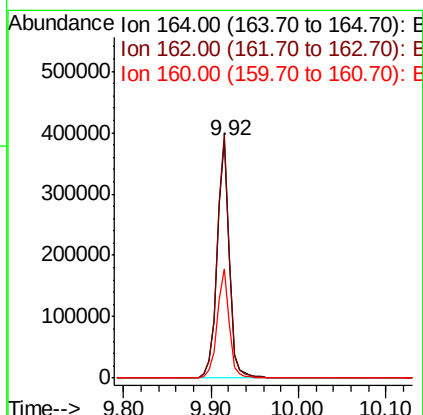
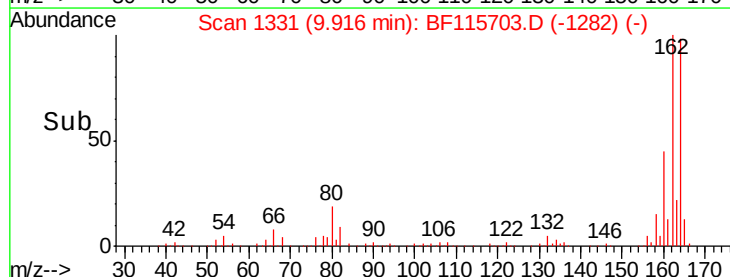
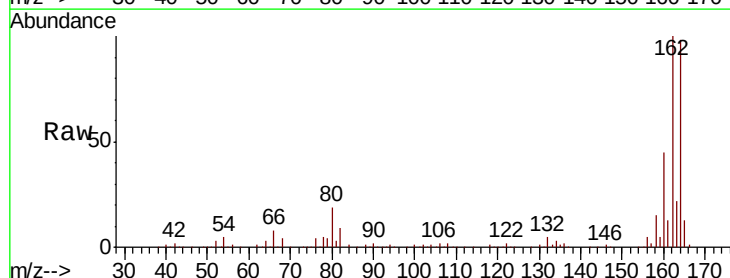
Instrument :
 BNA_F
 ClientSampleId :
 PB121540TB

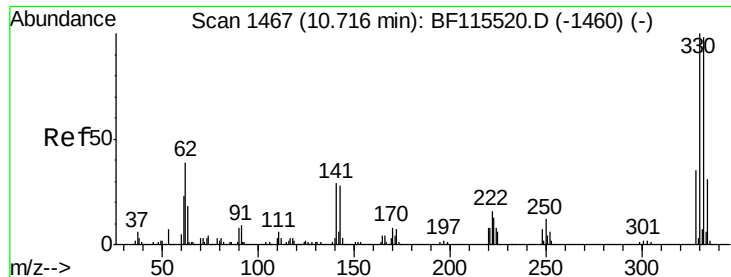
Tot Ion: 82 Resp: 1126949
 Ion Ratio Lower Upper
 82 100
 128 47.0 38.6 57.8
 54 44.5 35.6 53.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF115703.D
 Acq: 22 Jul 2019 12:25

Tgt Ion: 164 Resp: 376025
 Ion Ratio Lower Upper
 164 100
 162 102.2 82.9 124.3
 160 45.8 36.8 55.2

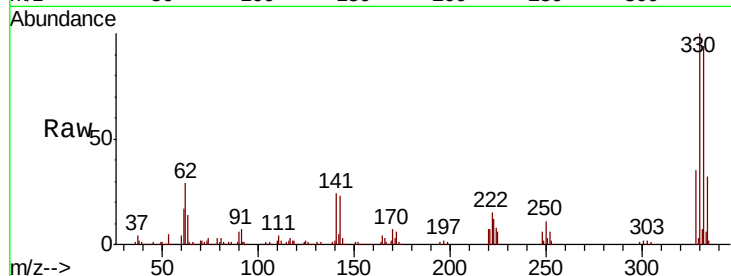




#42
 2,4,6-Tribromophenol
 Concen: 116.318 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF115703.D
 Acq: 22 Jul 2019 12:25

Instrument :
 BNA_F
 ClientSampleId :
 PB121540TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.4	116.2
141	31.2	22.4	33.6

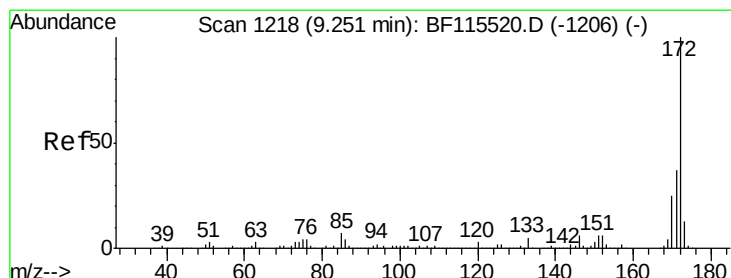
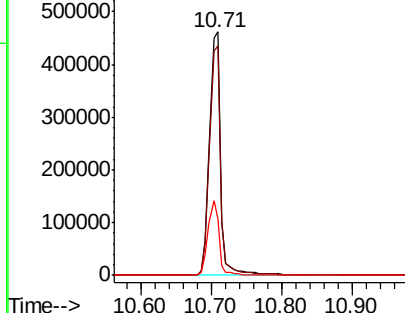
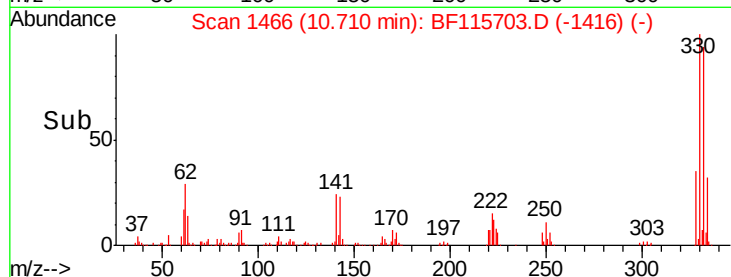


Abundance

Ion 329.80 (329.50 to 330.50): E

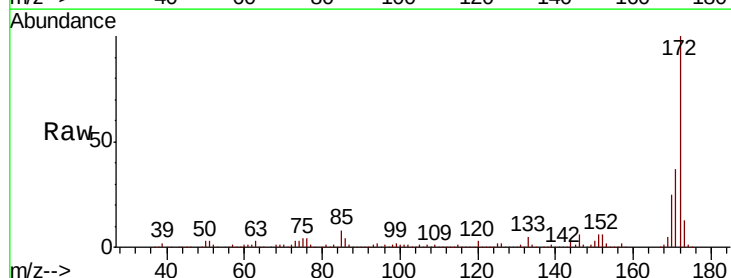
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 93.748 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115703.D
 Acq: 22 Jul 2019 12:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.6	46.0
170	25.3	20.5	30.7

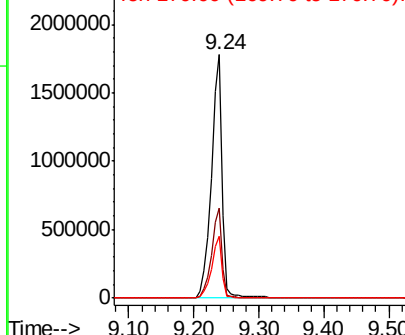
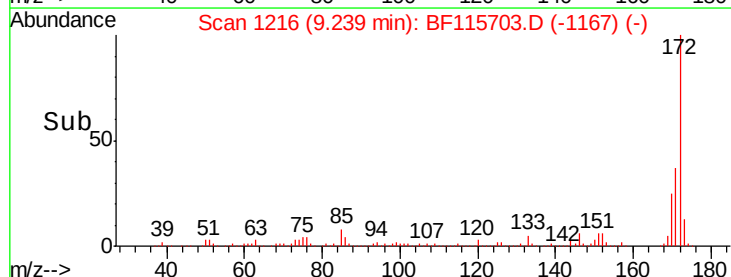


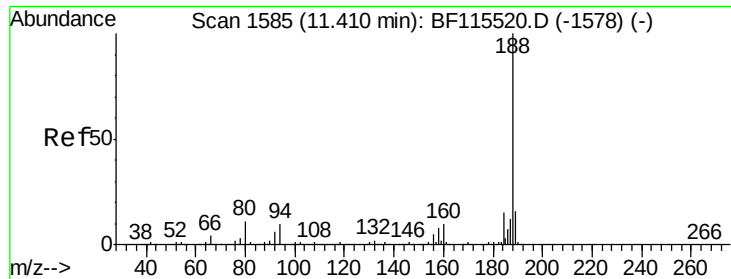
Abundance

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

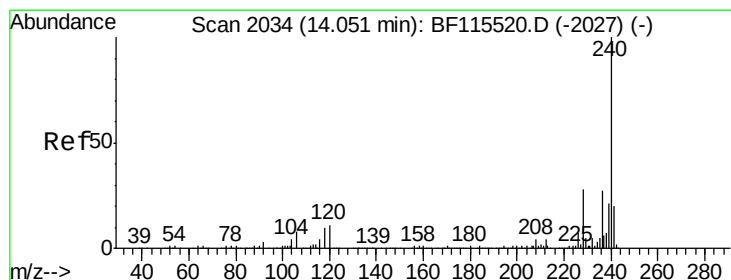
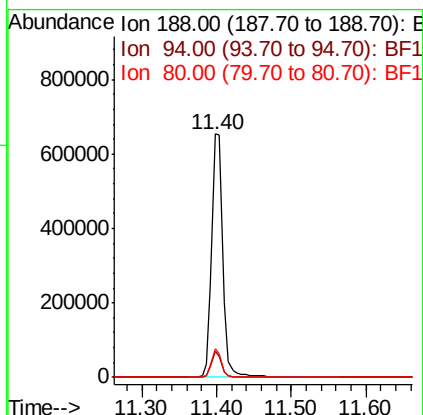
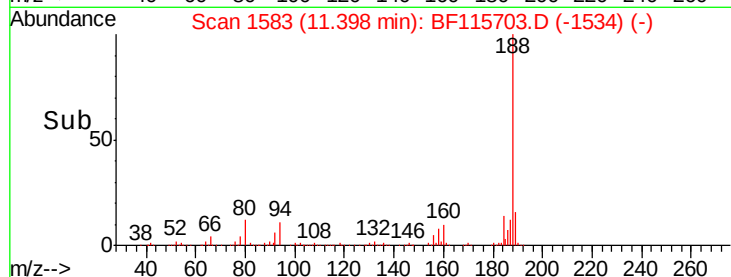
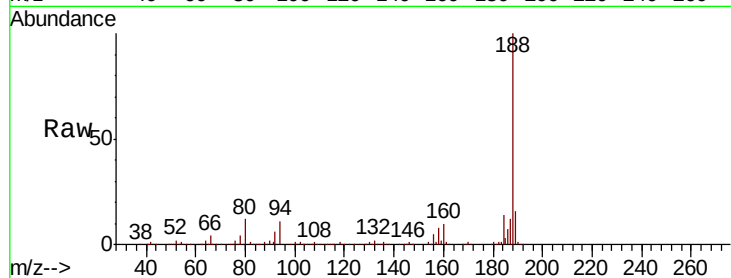




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF115703.D
Acq: 22 Jul 2019 12:25

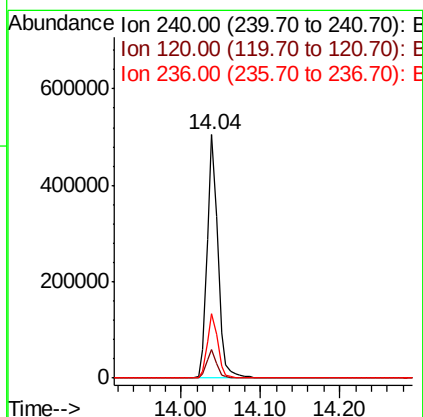
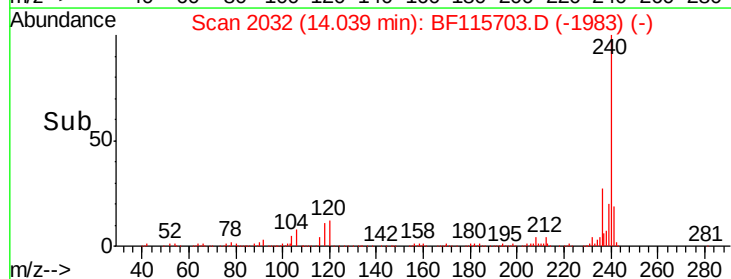
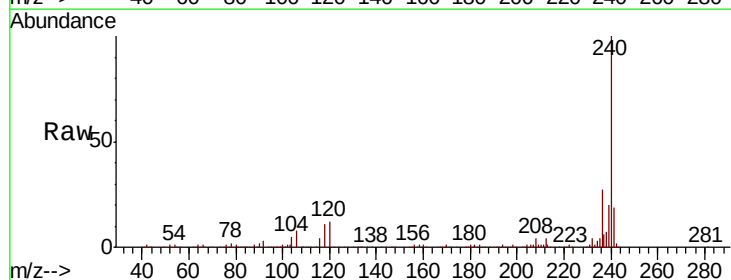
Instrument :
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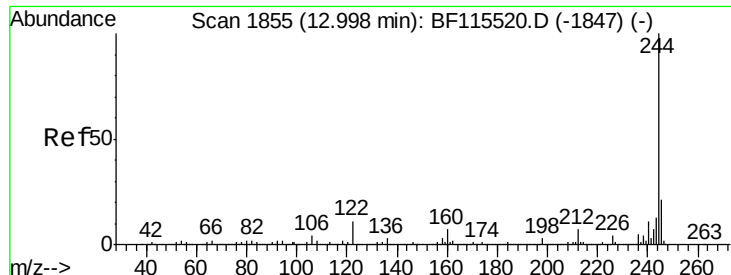
Tot Ion:188 Resp: 673430
Ion Ratio Lower Upper
188 100
94 10.5 7.8 11.6
80 11.6 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF115703.D
Acq: 22 Jul 2019 12:25

Tgt Ion:240 Resp: 482061
Ion Ratio Lower Upper
240 100
120 11.6 8.6 13.0
236 26.7 21.3 31.9





#79

Terphenyl-d14

Concen: 85.581 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF115703.D

Acq: 22 Jul 2019 12:25

Instrument :

BNA_F

ClientSampleId :

PB121540TB

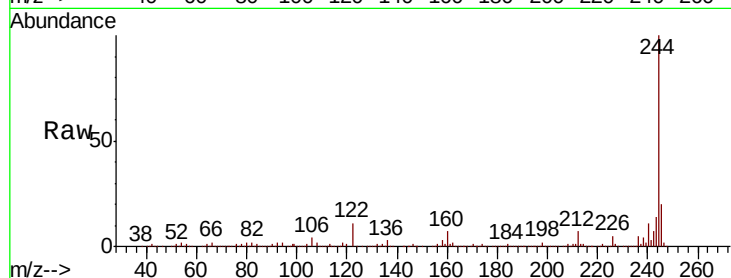
Tot Ion:244 Resp: 2235865

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

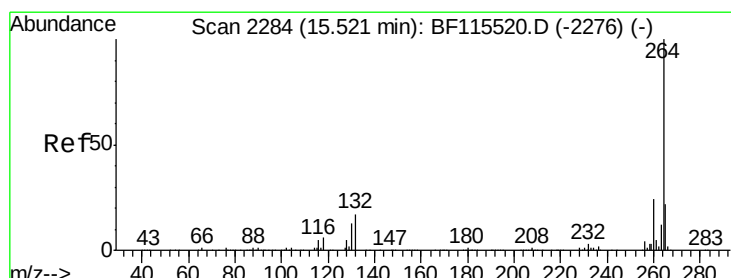
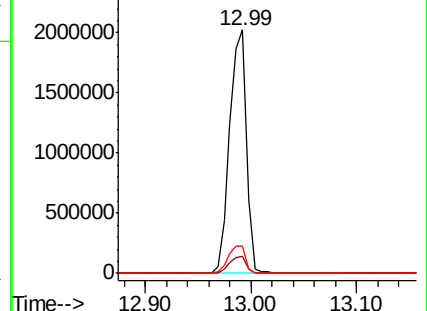
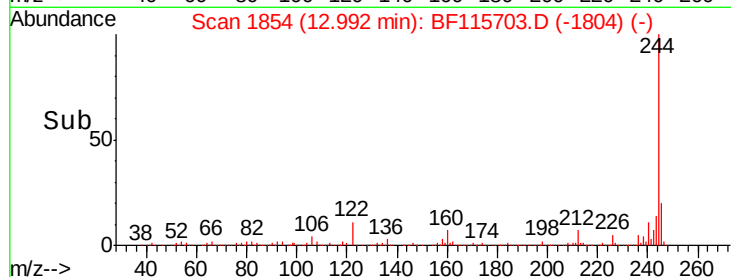
122 11.1 8.6 12.8



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: 15.52 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BF115703.D

Acq: 22 Jul 2019 12:25

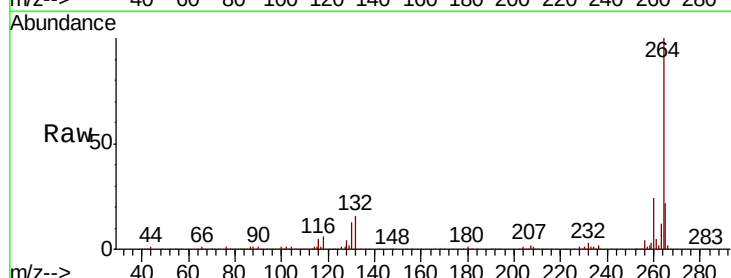
Tgt Ion:264 Resp: 440387

Ion Ratio Lower Upper

264 100

260 23.8 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

