

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072419\
 Data File : BF115745.D
 Acq On : 24 Jul 2019 11:10
 Operator : HP/JU
 Sample : PB121660BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121660BL

Quant Time: Jul 24 16:53:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 24 16:36:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	174446	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	684022	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	384484	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	698769	20.00	ng	0.00
76) Chrysene-d12	14.03	240	493656	20.00	ng	-0.01
87) Perylene-d12	15.50	264	436170	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1225318	114.89	ng	0.01
7) Phenol-d6	6.50	99	1621307	119.81	ng	0.00
23) Nitrobenzene-d5	7.43	82	1054586	89.65	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	499650	111.33	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1956407	89.06	ng	0.00
79) Terphenyl-d14	12.98	244	2153461	80.49	ng	0.00

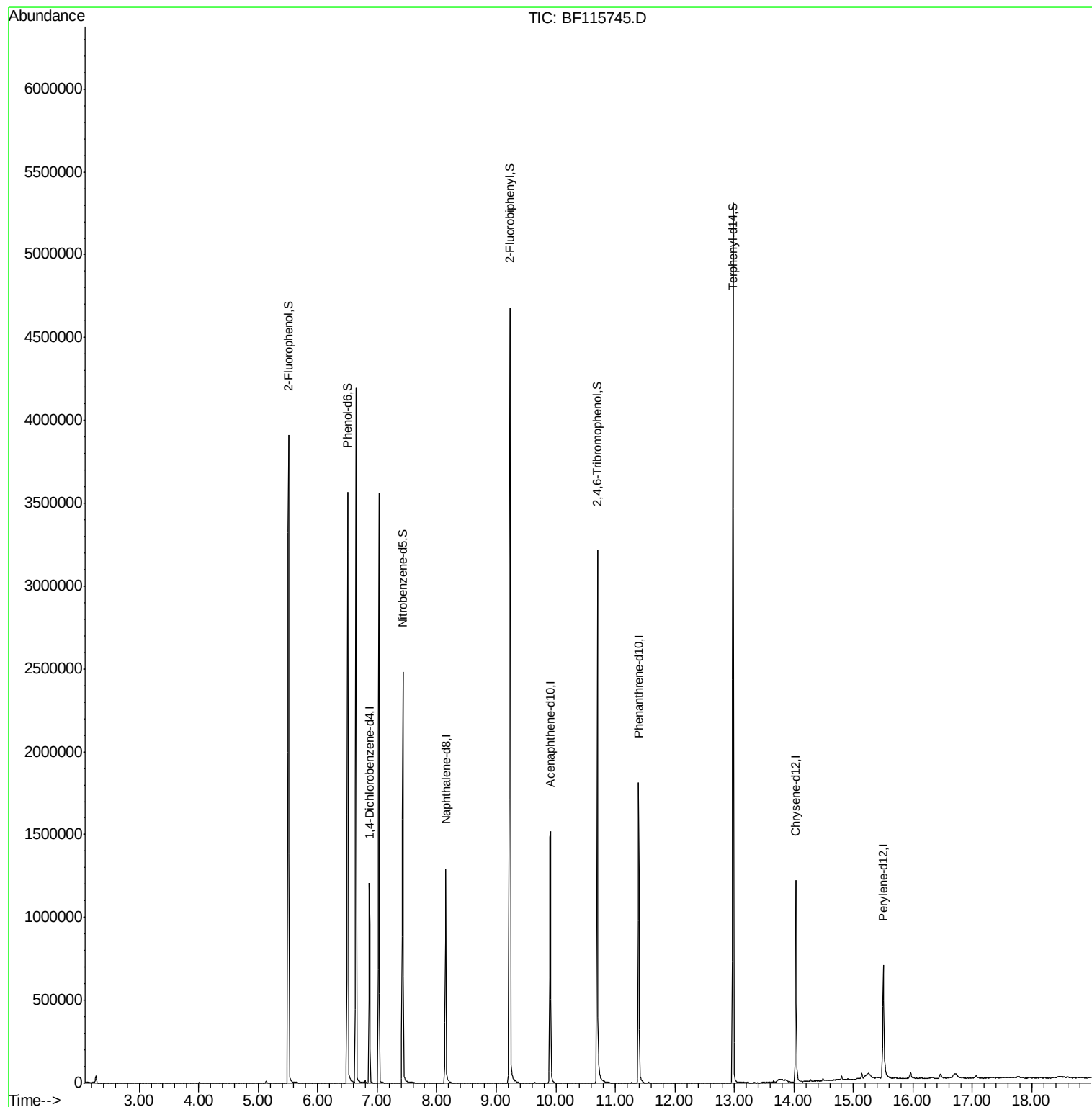
Target Compounds Qvalue

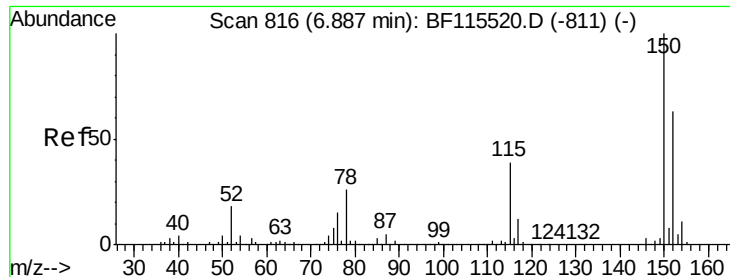
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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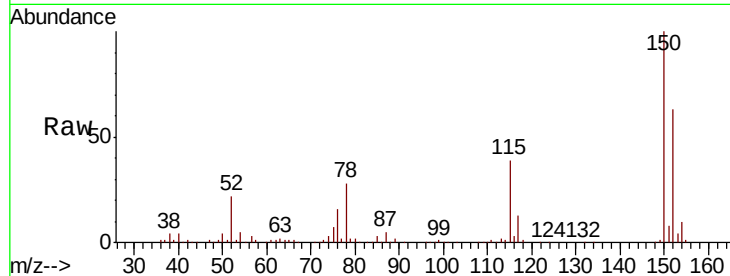


#1

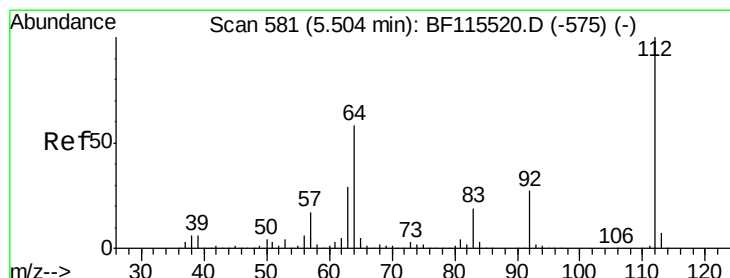
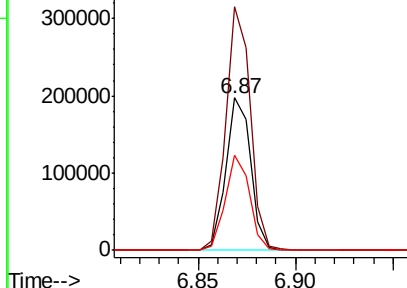
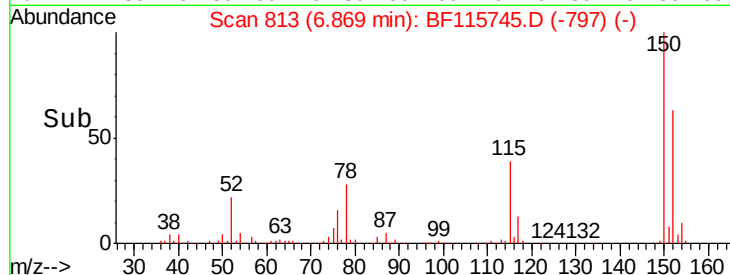
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF115745.D
 Acq: 24 Jul 2019 11:10

Instrument :
 BNA_F
 ClientSampleId :
 PB121660BL

Tot Ion:152 Resp: 174446
 Ion Ratio Lower Upper
 152 100
 150 159.7 122.8 184.2
 115 62.6 48.2 72.2



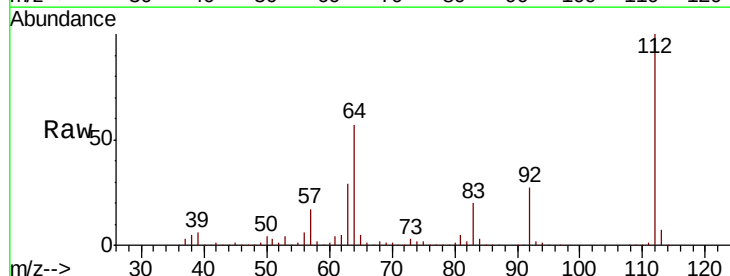
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



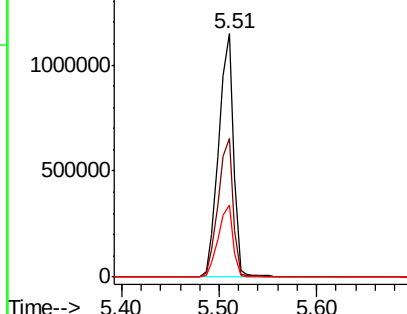
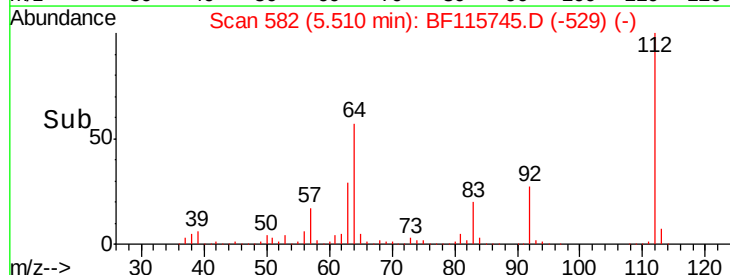
#5

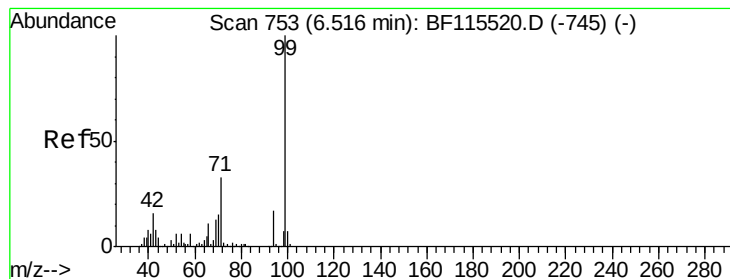
2-Fluorophenol
 Concen: 114.893 ng
 RT: 5.51 min Scan# 582
 Delta R.T. 0.01 min
 Lab File: BF115745.D
 Acq: 24 Jul 2019 11:10

Tgt Ion:112 Resp: 1225318
 Ion Ratio Lower Upper
 112 100
 64 56.8 43.8 65.8
 63 29.5 22.5 33.7



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: 119.809 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF115745.D

Acq: 24 Jul 2019 11:10

Instrument :

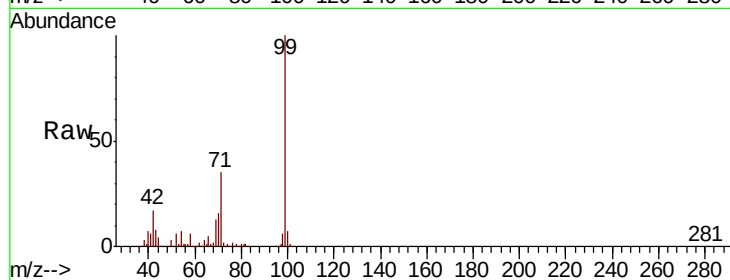
BNA_F

ClientSampleId :

PB121660BL

Tot Ion: 99 Resp: 1621307

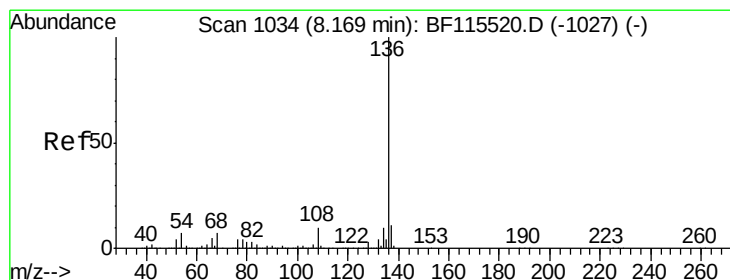
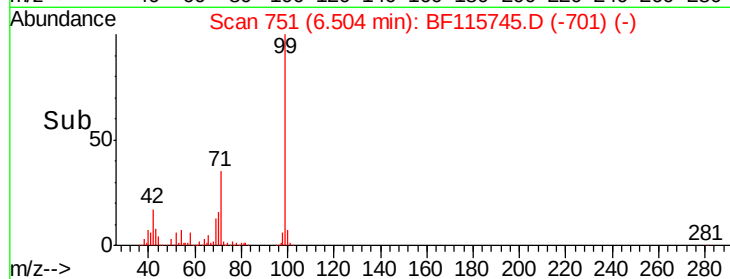
Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.0	19.4
71	34.5	25.9	38.9



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

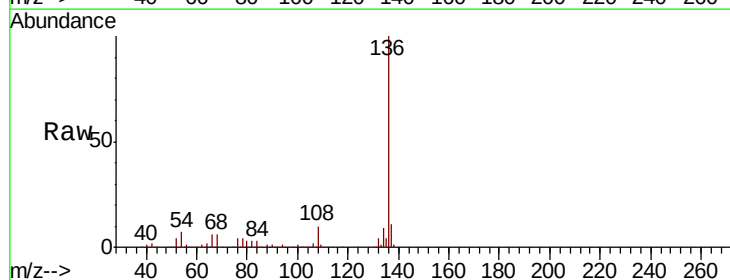
Delta R.T. -0.01 min

Lab File: BF115745.D

Acq: 24 Jul 2019 11:10

Tgt Ion: 136 Resp: 684022

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.3	5.4	8.0
68	6.4	4.9	7.3

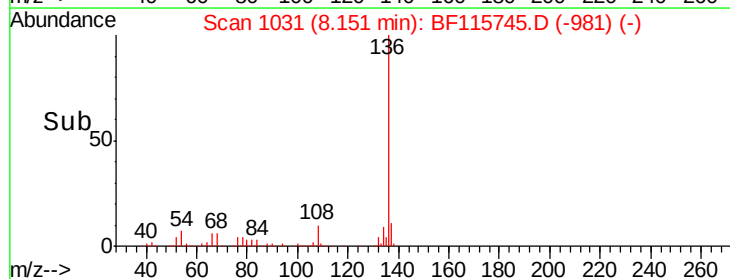


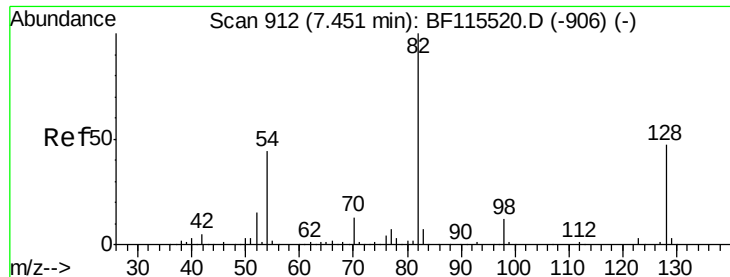
Abundance Ion 136.00 (135.70 to 136.70): E

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

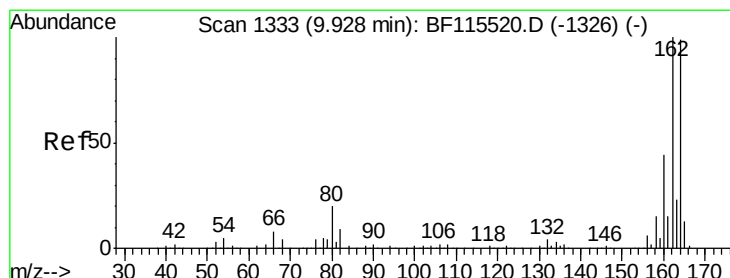
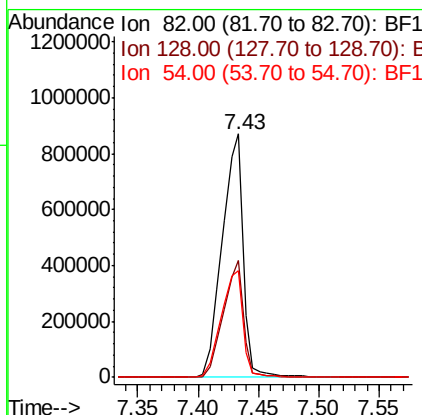
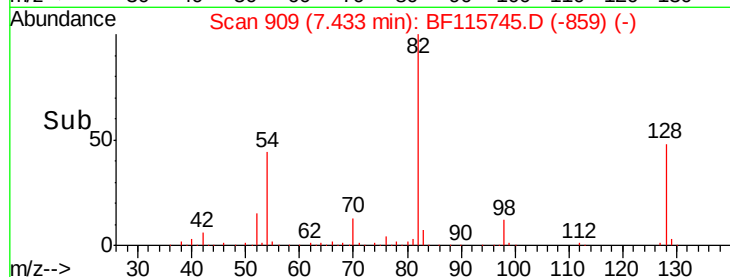
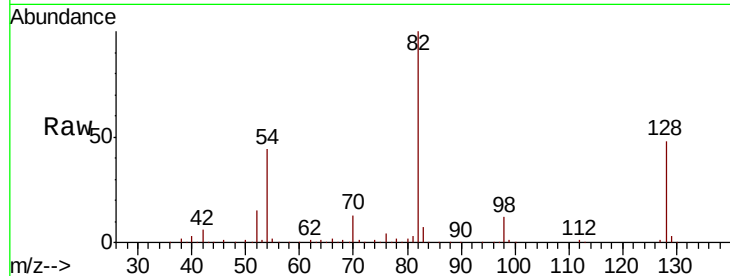




#23
 Nitrobenzene-d5
 Concen: 89.647 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF115745.D
 Acq: 24 Jul 2019 11:10

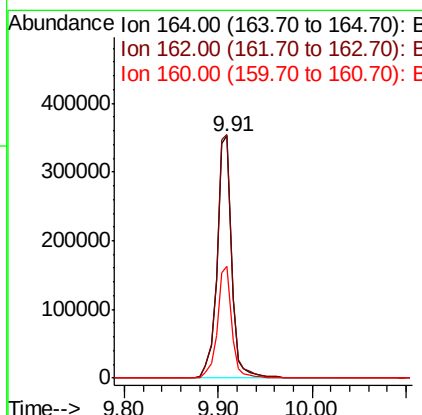
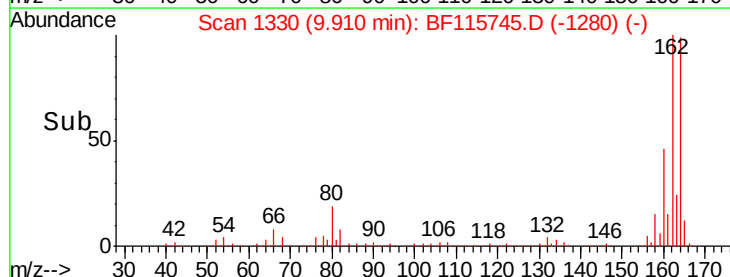
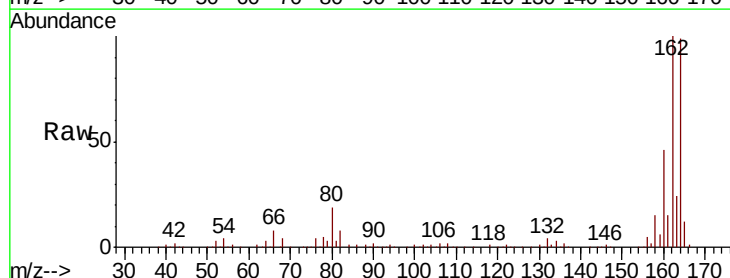
Instrument :
 BNA_F
 ClientSampleId :
 PB121660BL

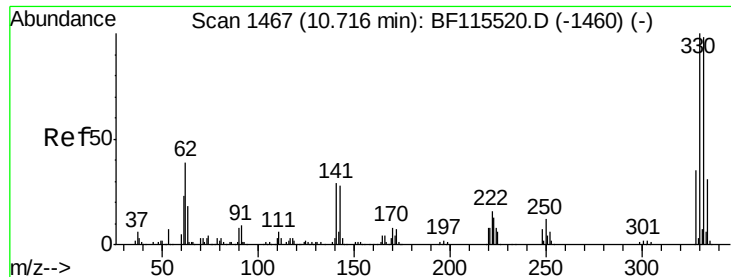
Tot Ion: 82 Resp: 1054586
 Ion Ratio Lower Upper
 82 100
 128 48.2 38.0 57.0
 54 43.8 35.6 53.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF115745.D
 Acq: 24 Jul 2019 11:10

Tgt Ion: 164 Resp: 384484
 Ion Ratio Lower Upper
 164 100
 162 100.6 81.8 122.8
 160 46.2 37.8 56.8





#42

2,4,6-Tribromophenol

Concen: 111.334 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.01 min

Lab File: BF115745.D

Acq: 24 Jul 2019 11:10

Instrument :

BNA_F

ClientSampleId :

PB121660BL

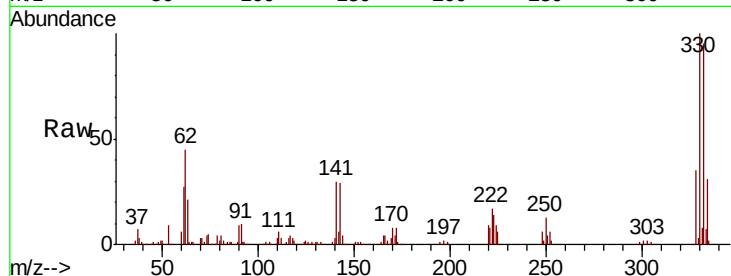
Tot Ion:330 Resp: 499650

Ion Ratio Lower Upper

330 100

332 95.6 76.7 115.1

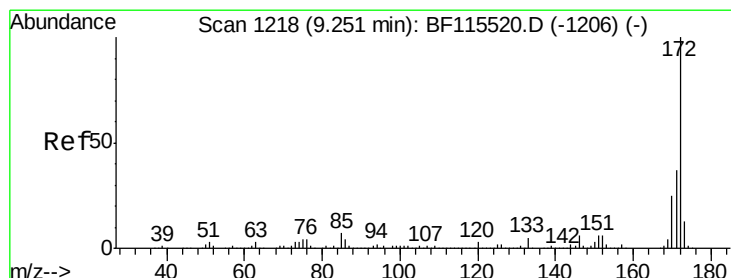
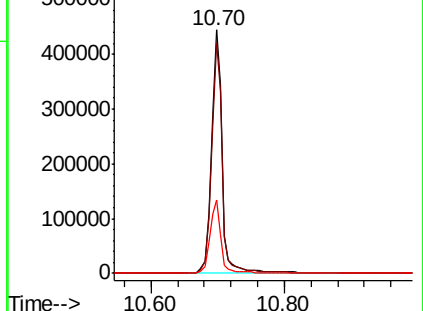
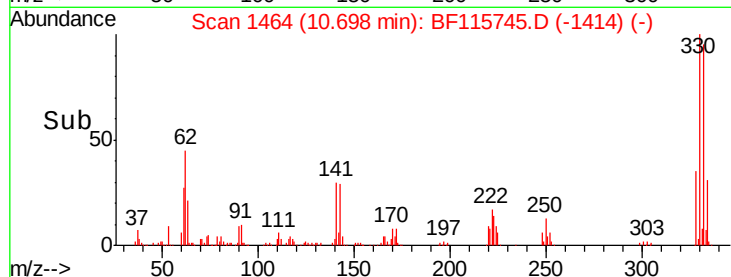
141 31.6 25.6 38.4



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: 89.061 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF115745.D

Acq: 24 Jul 2019 11:10

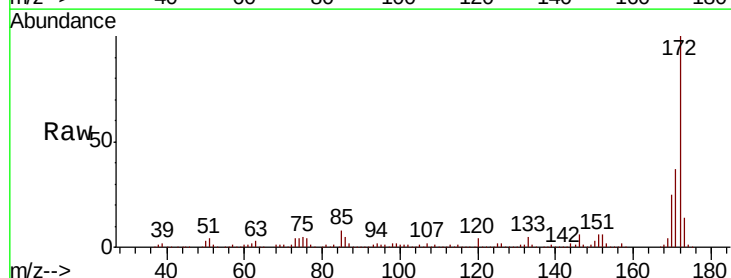
Tgt Ion:172 Resp: 1956407

Ion Ratio Lower Upper

172 100

171 36.7 29.5 44.3

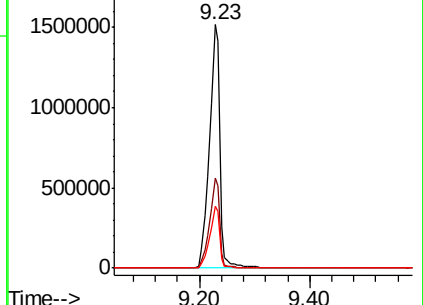
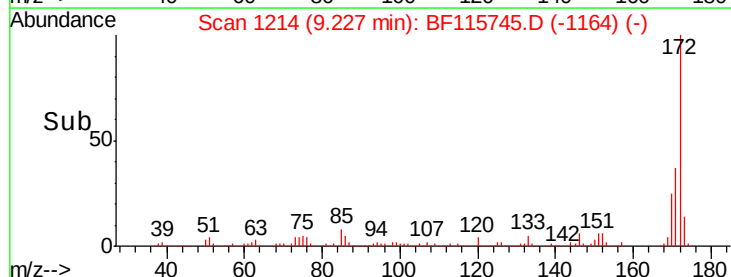
170 25.3 20.0 30.0

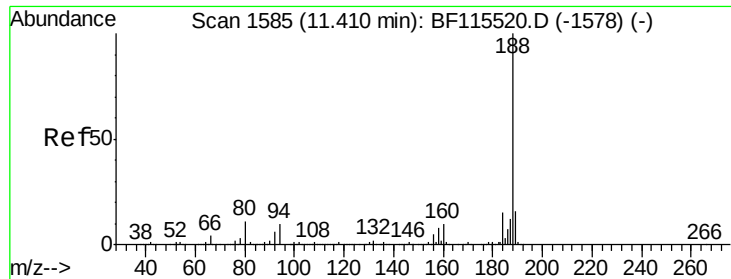


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

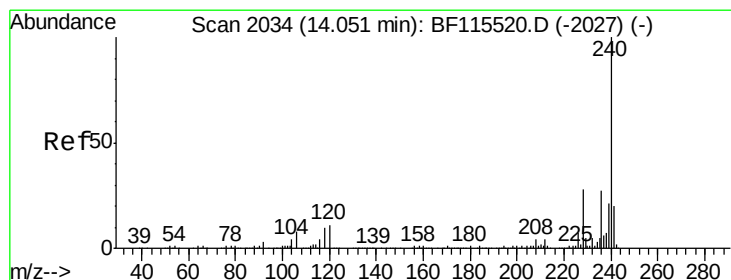
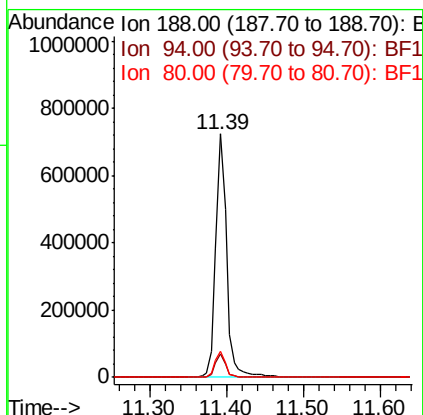
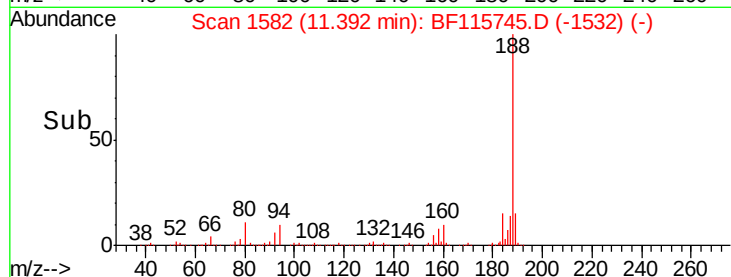
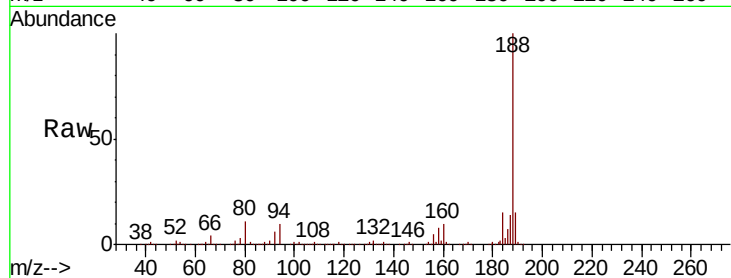




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF115745.D
Acq: 24 Jul 2019 11:10

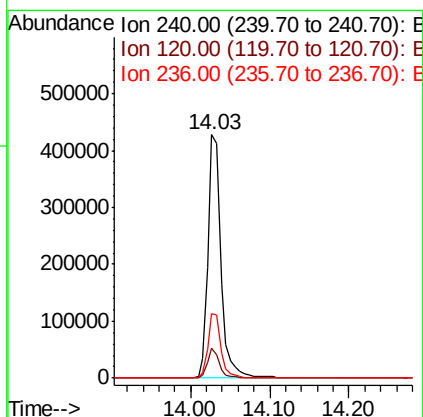
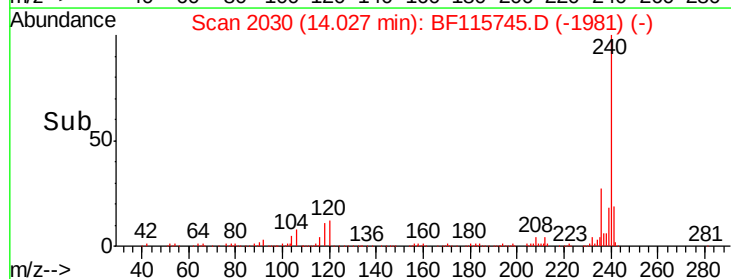
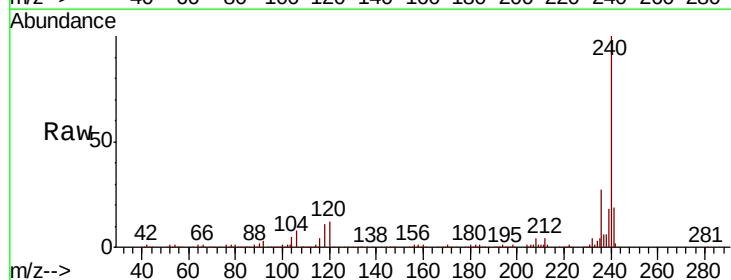
Instrument :
BNA_F
ClientSampleId :
PB121660BL

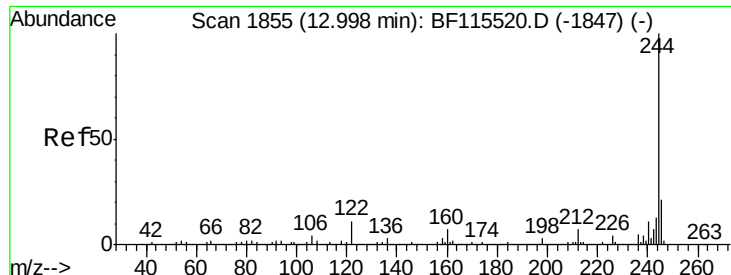
Tot Ion:188 Resp: 698769
Ion Ratio Lower Upper
188 100
94 9.8 8.1 12.1
80 10.6 8.4 12.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF115745.D
Acq: 24 Jul 2019 11:10

Tgt Ion:240 Resp: 493656
Ion Ratio Lower Upper
240 100
120 12.1 10.3 15.5
236 26.7 21.9 32.9





#79

Terphenyl-d14

Concen: 80.491 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BF115745.D

Acq: 24 Jul 2019 11:10

Instrument :

BNA_F

ClientSampleId :

PB121660BL

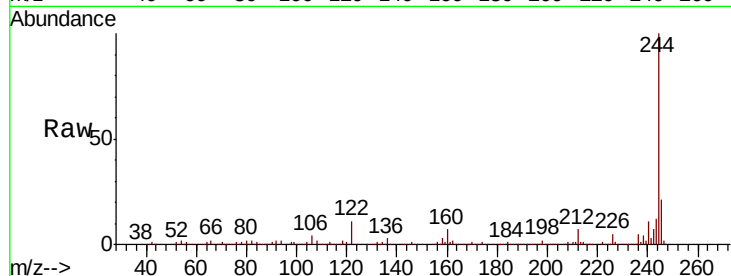
Tot Ion:244 Resp: 2153461

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

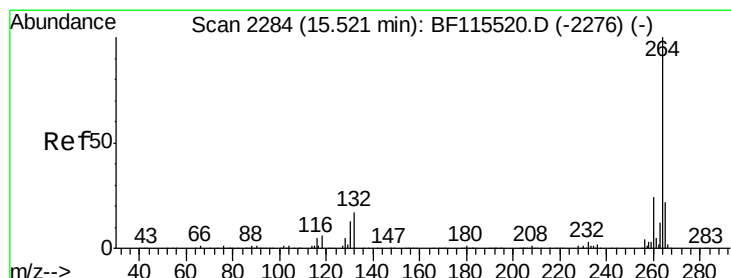
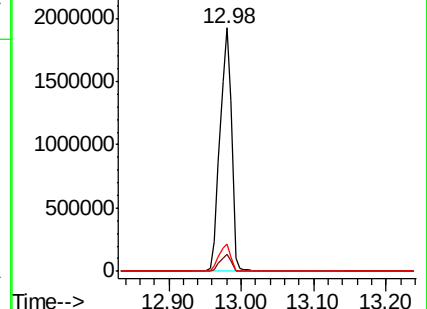
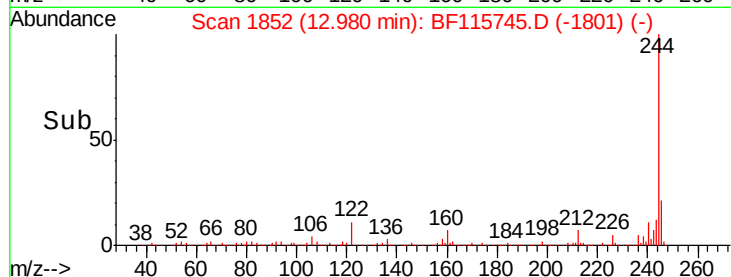
122 11.3 9.4 14.0



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. -0.01 min

Lab File: BF115745.D

Acq: 24 Jul 2019 11:10

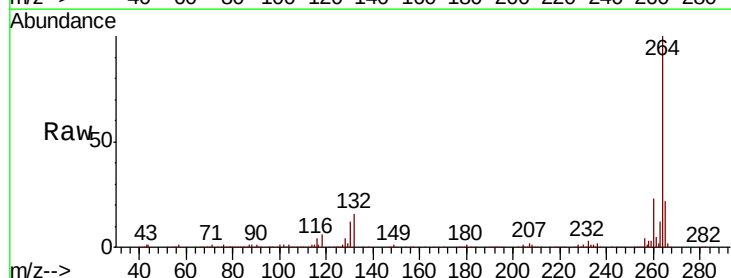
Tgt Ion:264 Resp: 436170

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.6 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

