

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
 Data File : BF111497.D
 Acq On : 16 Dec 2018 6:03
 Operator : JU/SJ
 Sample : J6361-03
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TN4803-121218

Quant Time: Dec 17 01:40:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	123574	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	436748	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	162459	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	260781	20.00	ng	0.00
76) Chrysene-d12	13.94	240	262386	20.00	ng	0.00
87) Perylene-d12	15.39	264	173093	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	832877	112.16	ng	0.01
7) Phenol-d6	6.43	99	853428	86.40	ng	0.00
23) Nitrobenzene-d5	7.35	82	721698	98.40	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	185516	127.48	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1224755	116.45	ng	0.00
79) Terphenyl-d14	12.90	244	1113736	99.67	ng	0.00

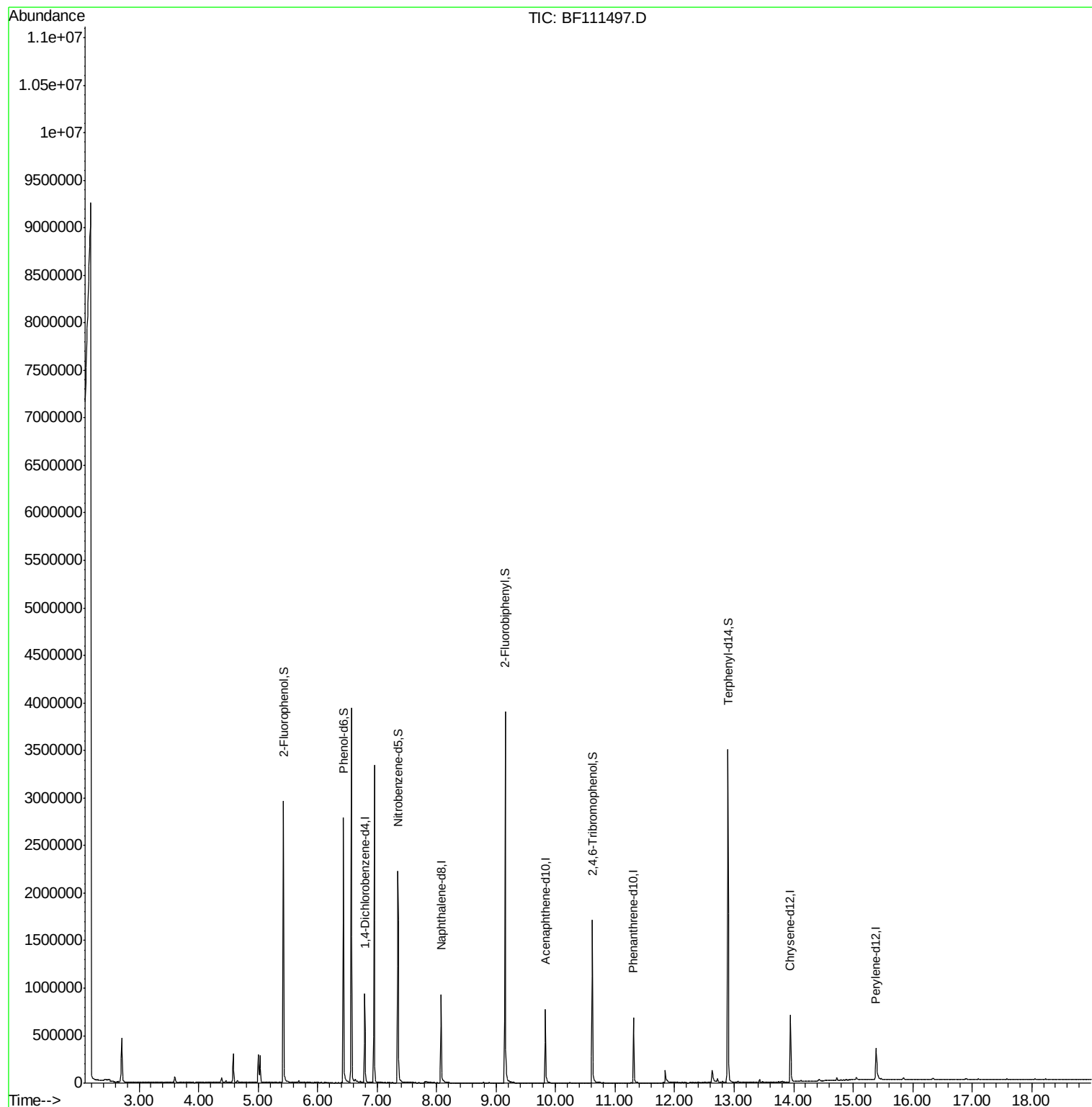
Target Compounds Qvalue

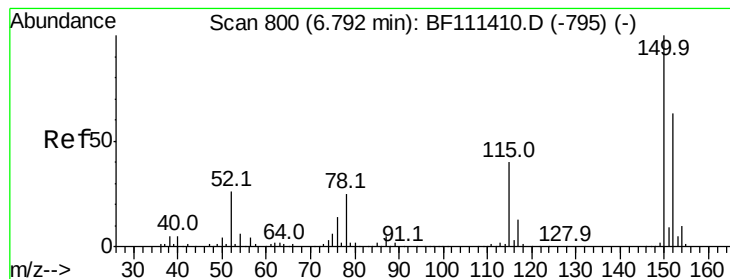
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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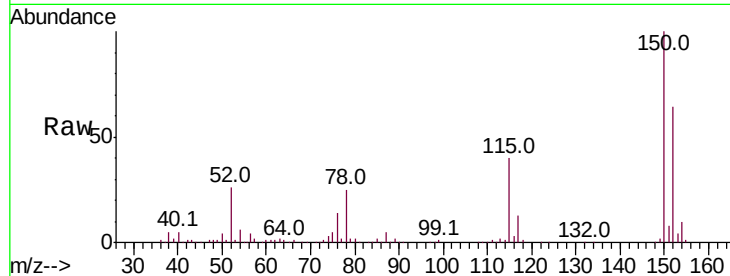


#1

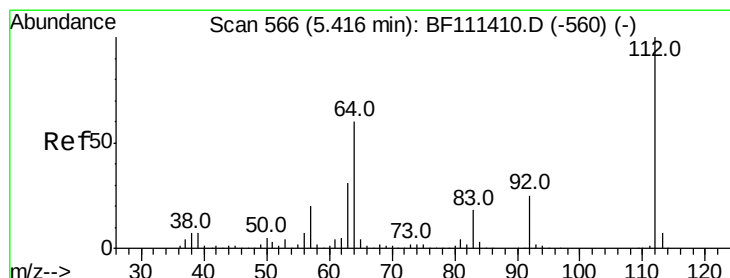
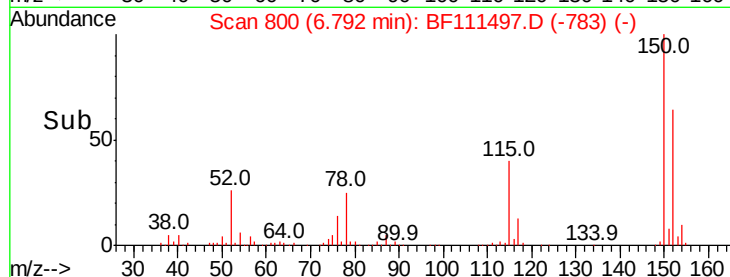
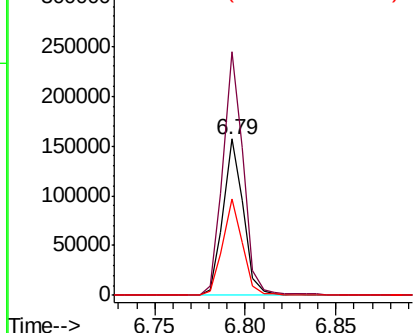
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF111497.D
Acq: 16 Dec 2018 6:03

Instrument :
BNA_F
ClientSampleId :
TN4803-121218

Tot Ion:152 Resp: 123574
Ion Ratio Lower Upper
152 100
150 155.9 126.6 189.8
115 62.0 50.7 76.1



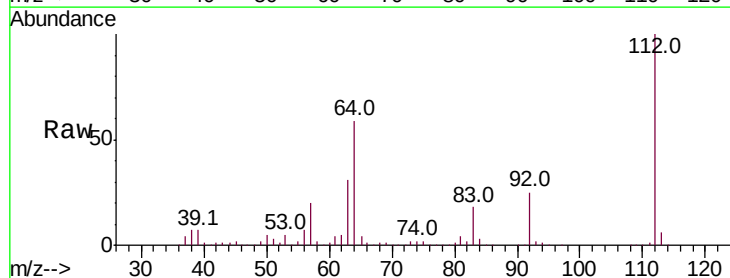
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



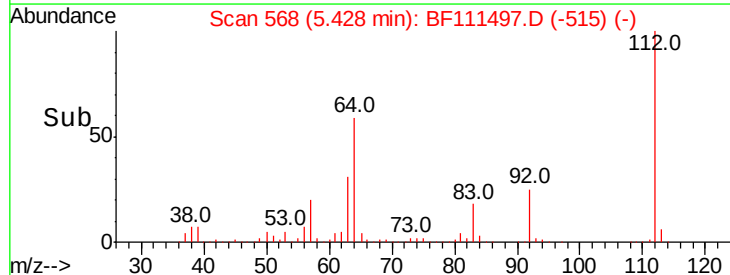
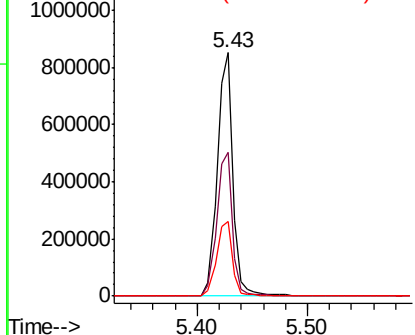
#5

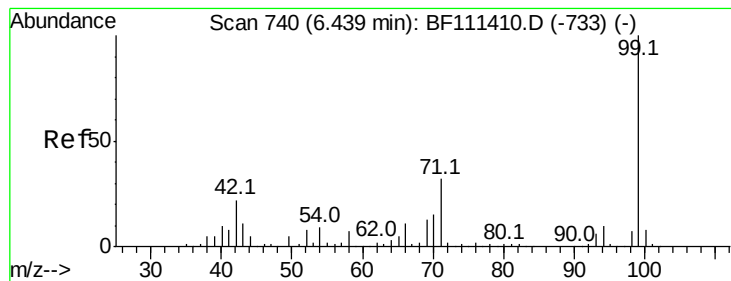
2-Fluorophenol
Concen: 112.156 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF111497.D
Acq: 16 Dec 2018 6:03

Tgt Ion:112 Resp: 832877
Ion Ratio Lower Upper
112 100
64 58.9 51.8 77.6
63 30.8 26.8 40.2



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: 86.397 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111497.D

Acq: 16 Dec 2018 6:03

Instrument :

BNA_F

ClientSampleId :

TN4803-121218

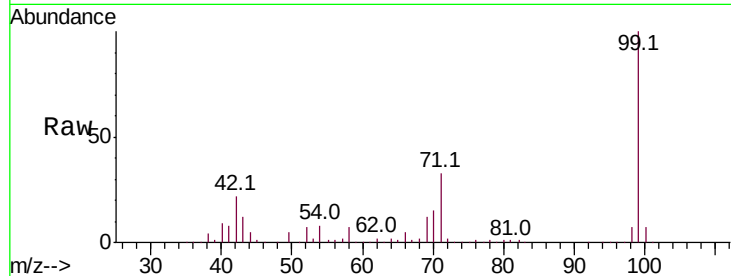
Tot Ion: 99 Resp: 853428

Ion Ratio Lower Upper

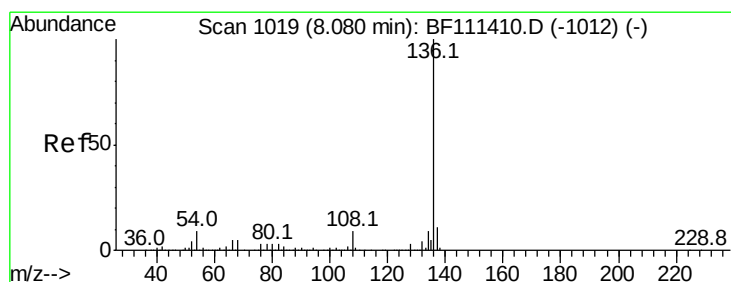
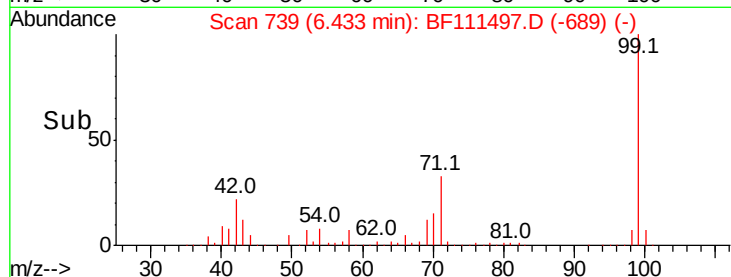
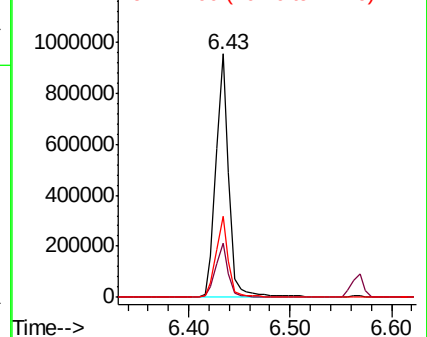
99 100

42 22.2 17.4 26.0

71 33.3 26.1 39.1



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: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF111497.D

Acq: 16 Dec 2018 6:03

Tgt Ion: 136 Resp: 436748

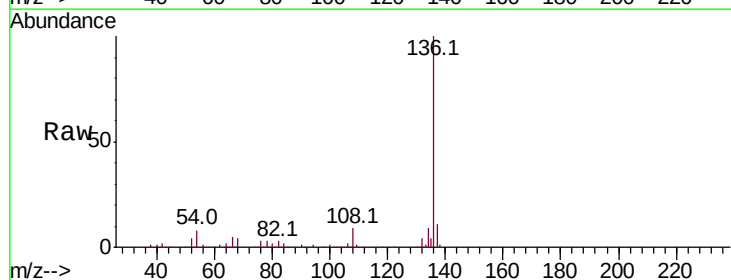
Ion Ratio Lower Upper

136 100

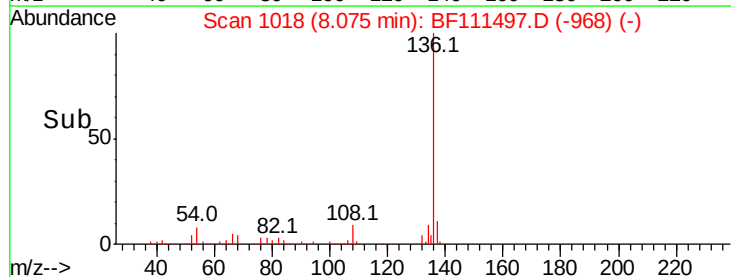
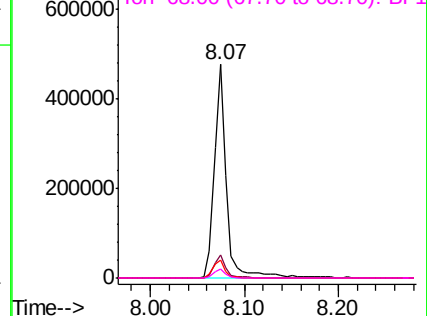
137 10.7 9.1 13.7

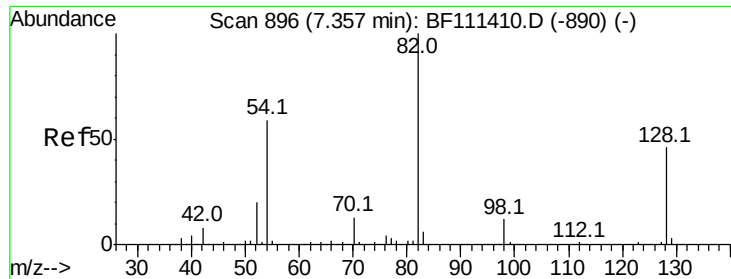
54 8.4 7.7 11.5

68 4.4 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

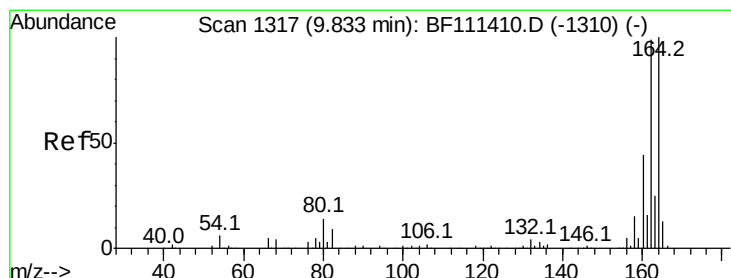
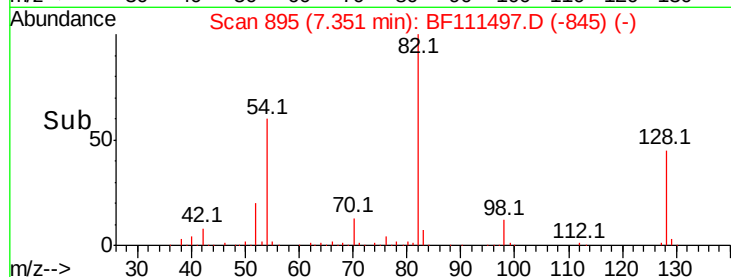
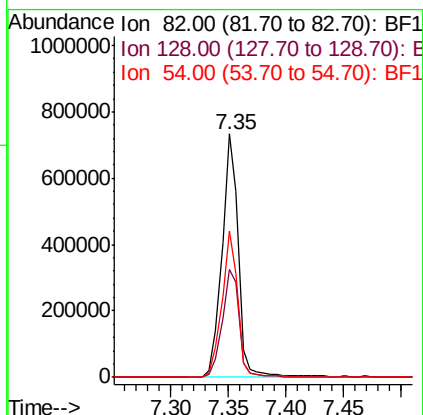
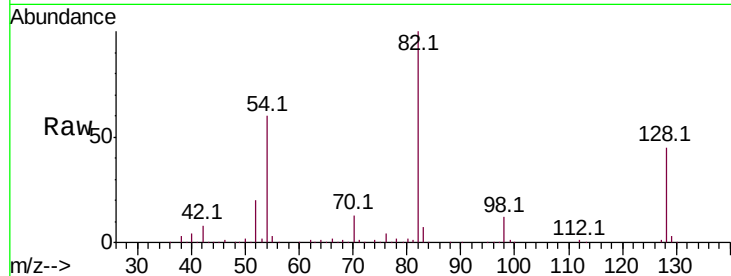




#23
 Nitrobenzene-d5
 Concen: 98.400 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BF111497.D
 Acq: 16 Dec 2018 6:03

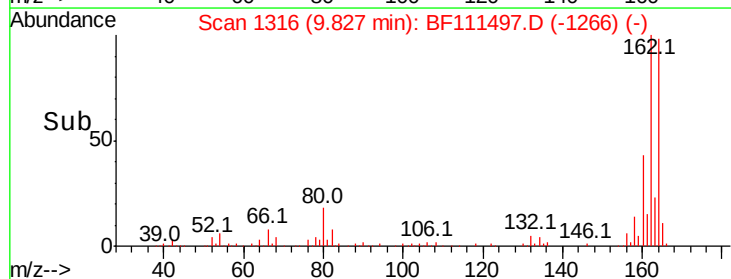
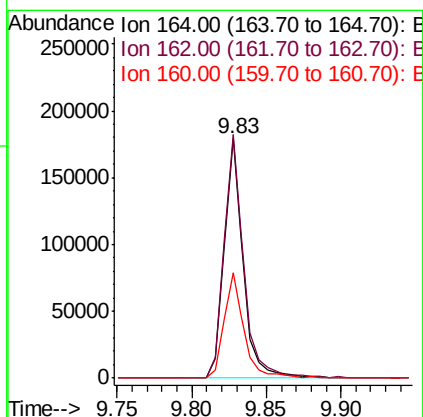
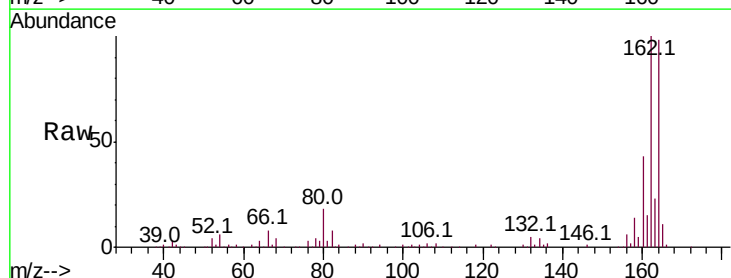
Instrument :
 BNA_F
 ClientSampleId :
 TN4803-121218

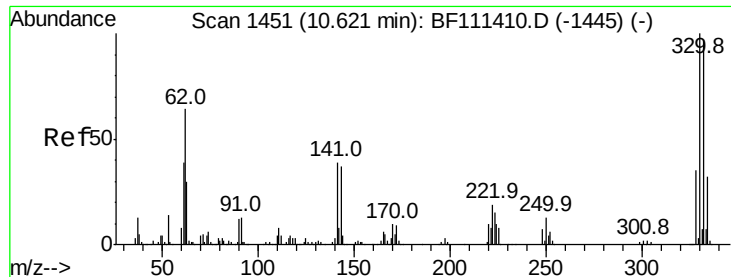
Tot Ion	82	Resp	721698
Ion Ratio	100		
Lower			
Upper			
82	100		
128	44.5	37.4	56.2
54	59.9	47.6	71.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF111497.D
 Acq: 16 Dec 2018 6:03

Tgt Ion	164	Resp	162459
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower			
Upper			
164	100		
162	101.6	81.4	122.0
160	44.2	35.7	53.5





#42

2,4,6-Tribromophenol

Concen: 127.477 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF111497.D

Acq: 16 Dec 2018 6:03

Instrument :

BNA_F

ClientSampleId :

TN4803-121218

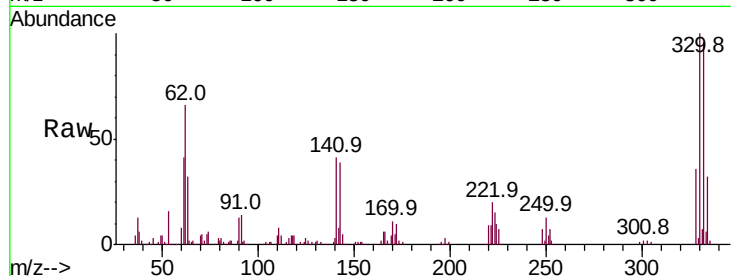
Tot Ion:330 Resp: 185516

Ion Ratio Lower Upper

330 100

332 97.7 76.0 114.0

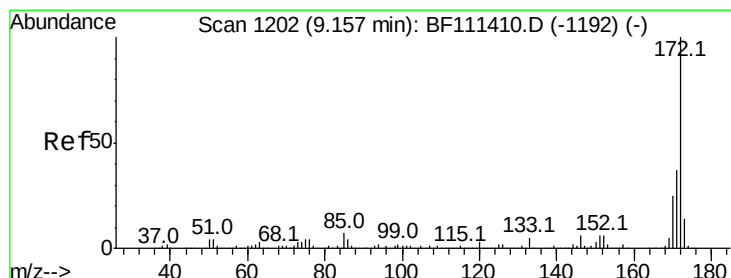
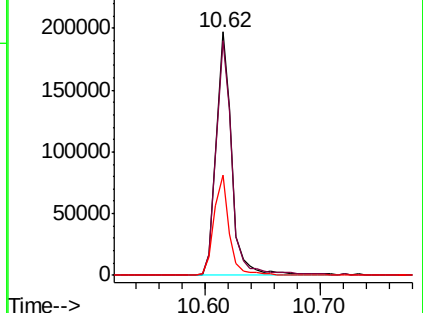
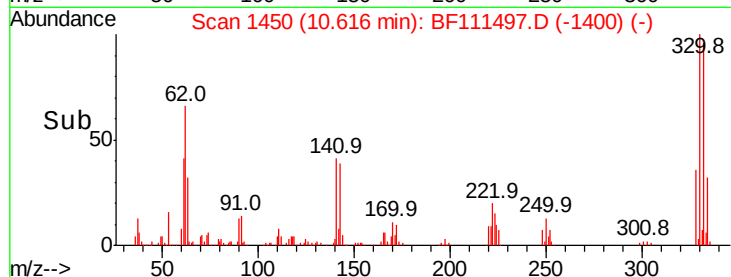
141 40.1 31.0 46.6



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: 116.448 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF111497.D

Acq: 16 Dec 2018 6:03

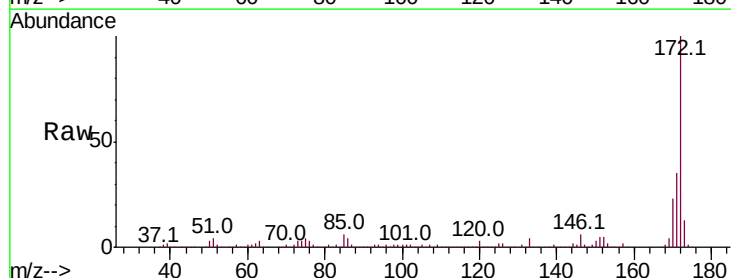
Tgt Ion:172 Resp: 1224755

Ion Ratio Lower Upper

172 100

171 35.0 33.0 49.4

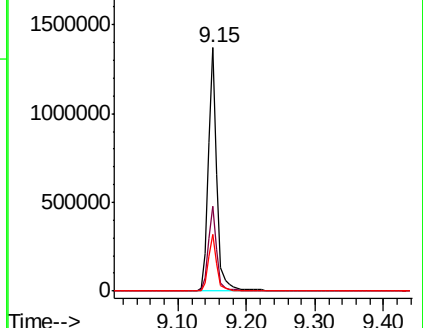
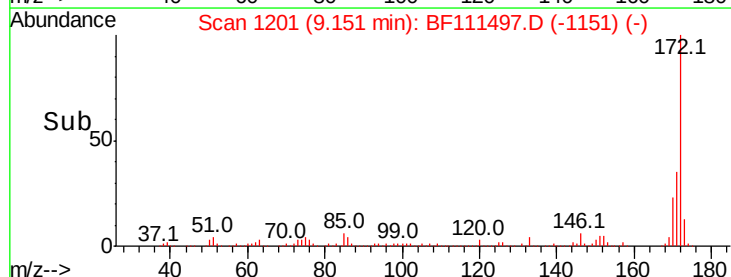
170 23.3 22.3 33.5

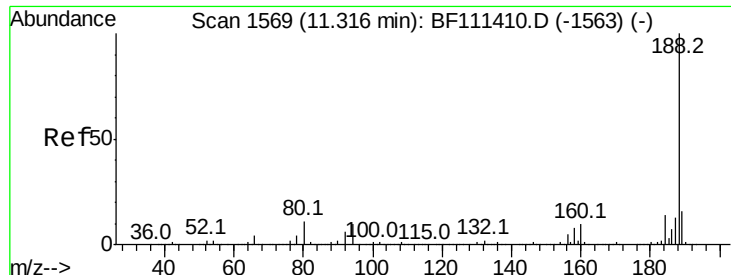


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF111497.D

Acq: 16 Dec 2018 6:03

Instrument :

BNA_F

ClientSampleId :

TN4803-121218

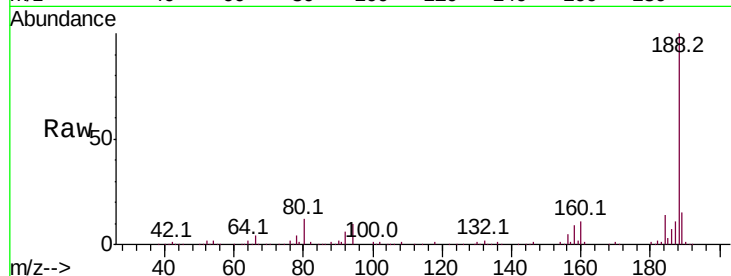
Tot Ion:188 Resp: 260781

Ion Ratio Lower Upper

188 100

94 9.9 9.6 14.4

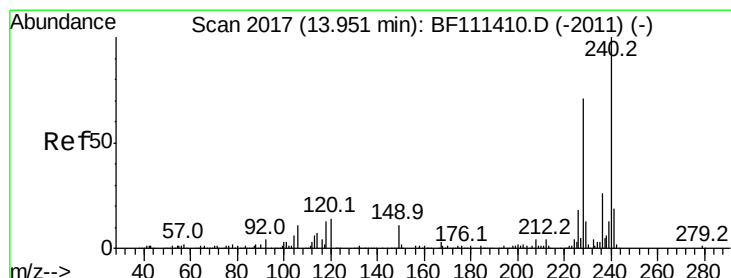
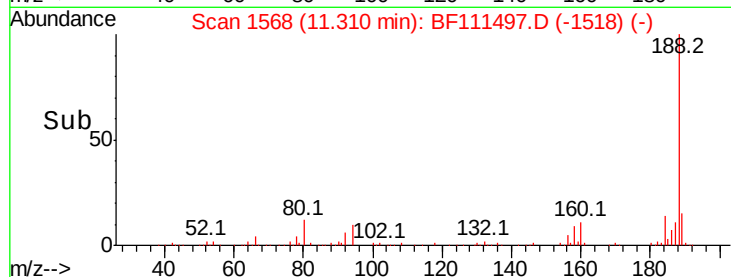
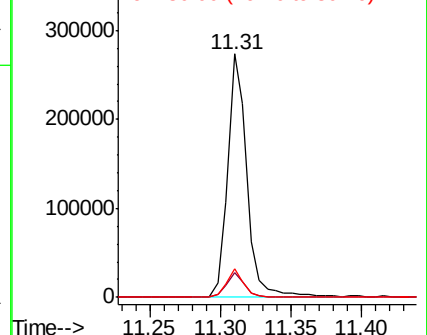
80 11.7 9.8 14.6



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF111497.D

Acq: 16 Dec 2018 6:03

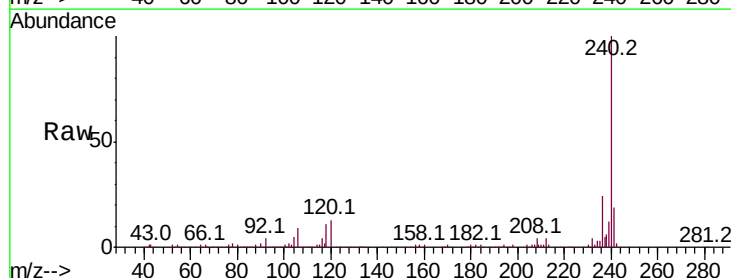
Tgt Ion:240 Resp: 262386

Ion Ratio Lower Upper

240 100

120 13.0 12.2 18.2

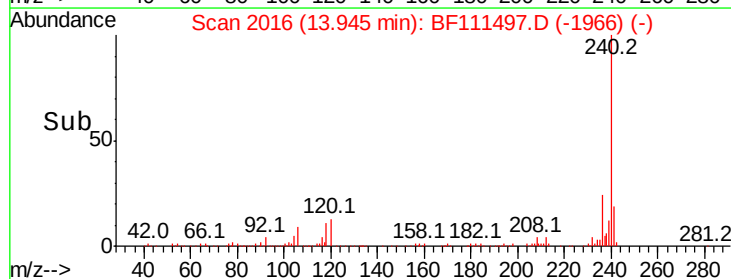
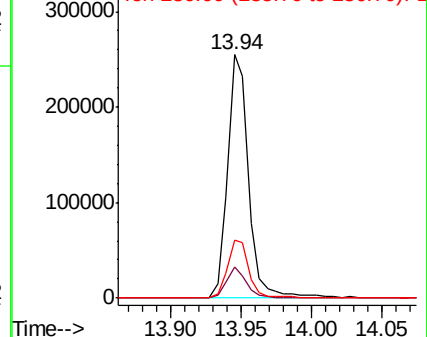
236 24.0 20.2 30.2

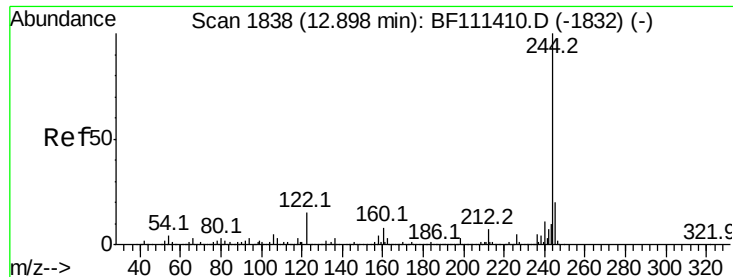


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 99.674 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BF111497.D

Acq: 16 Dec 2018 6:03

Instrument :

BNA_F

ClientSampleId :

TN4803-121218

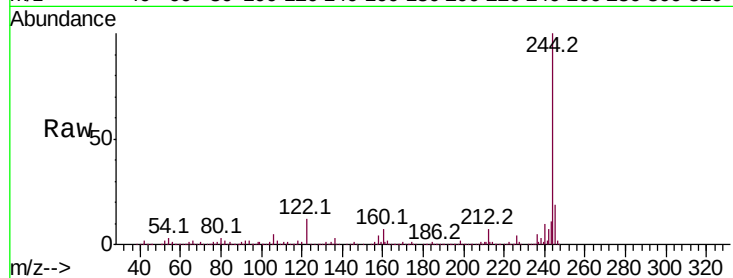
Tot Ion:244 Resp: 1113736

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

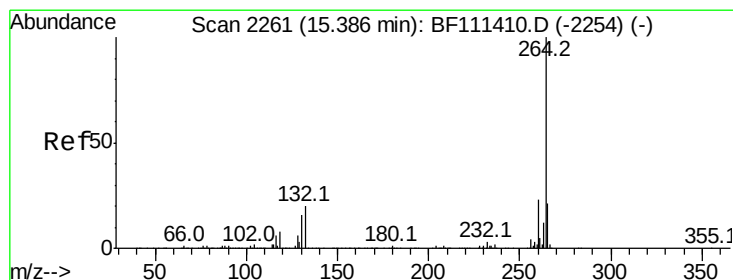
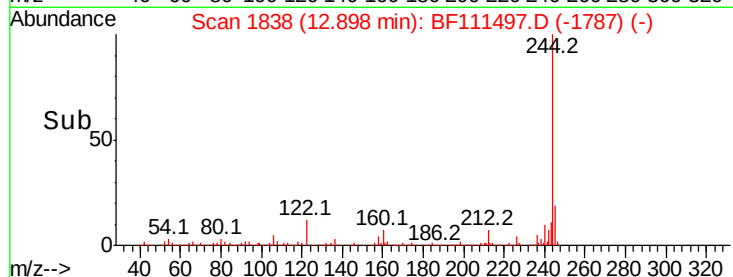
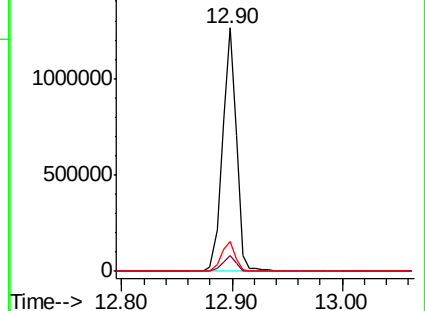
122 12.4 13.1 19.7#



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: 15.39 min Scan# 2261

Delta R.T. -0.00 min

Lab File: BF111497.D

Acq: 16 Dec 2018 6:03

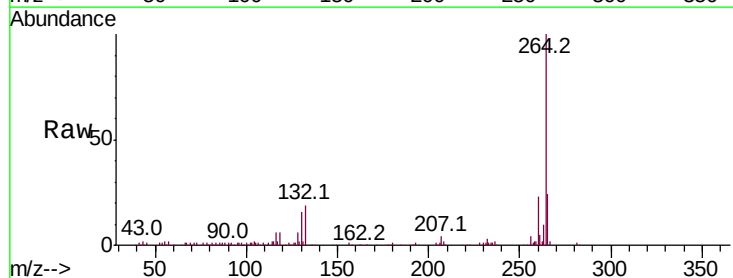
Tgt Ion:264 Resp: 173093

Ion Ratio Lower Upper

264 100

260 22.6 18.3 27.5

265 23.9 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

