

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
 Data File : BF116313.D
 Acq On : 16 Aug 2019 11:05
 Operator : HP/JU
 Sample : PB122249BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122249BL

Quant Time: Aug 16 12:13:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	129099	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	496256	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	265646	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	473238	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	338003	20.00	ng	-0.03
87) Perylene-d12	15.44	264	311527	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1011113	131.11	ng	-0.02
7) Phenol-d6	6.46	99	1306432	134.27	ng	-0.02
23) Nitrobenzene-d5	7.38	82	856353	99.61	ng	-0.04
42) 2,4,6-Tribromophenol	10.64	330	345687	134.22	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	1459575	102.91	ng	-0.04
79) Terphenyl-d14	12.92	244	1599221	99.70	ng	-0.04

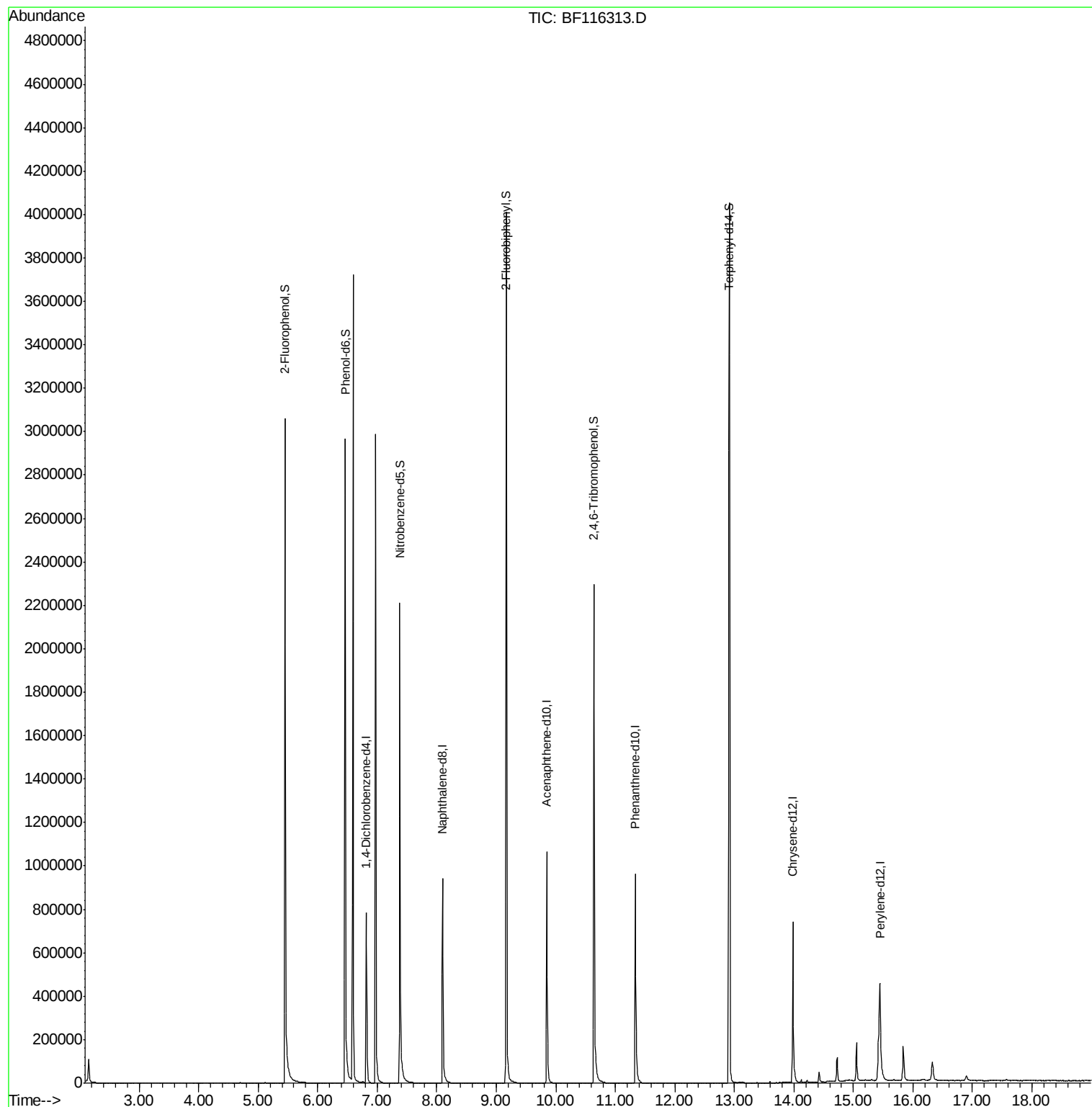
Target Compounds Qvalue

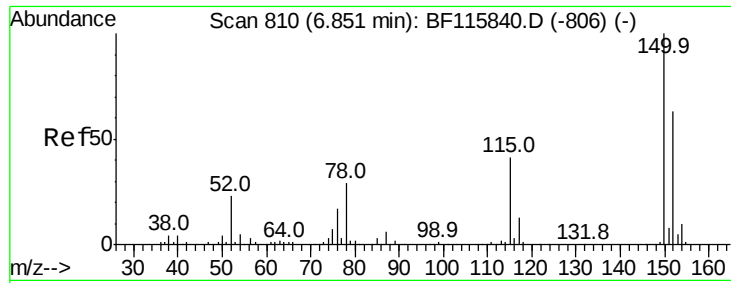
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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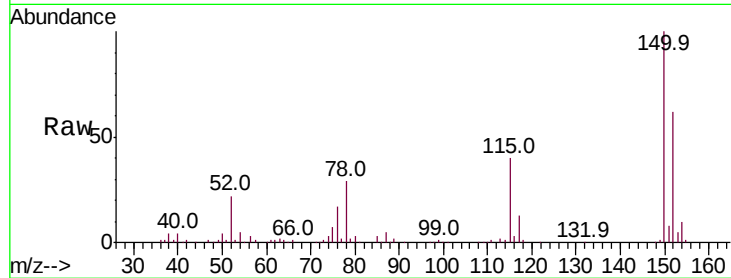


#1

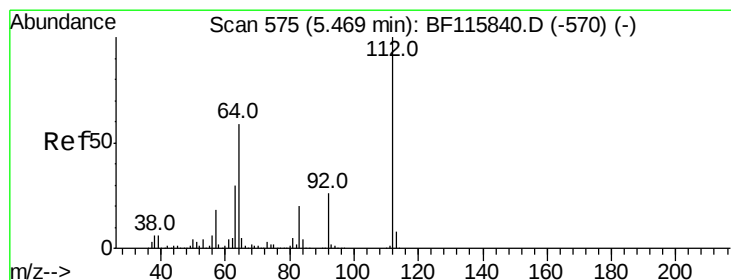
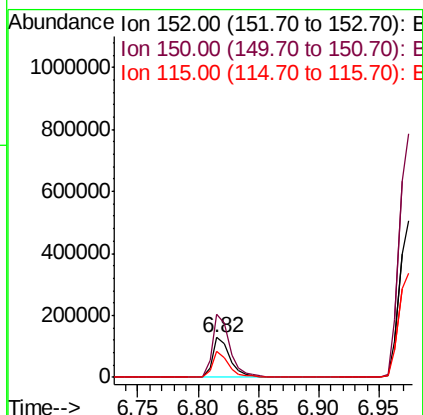
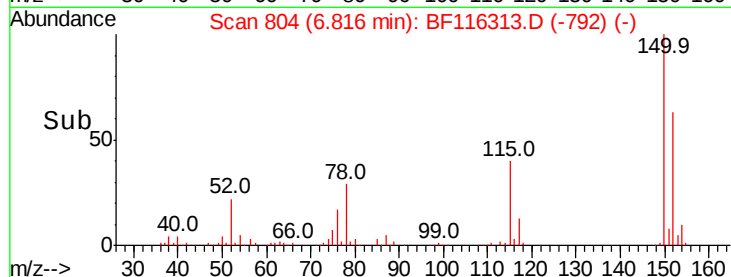
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF116313.D
Acq: 16 Aug 2019 11:05

Instrument :
BNA_F
ClientSampled :
PB122249BL

Tot Ion:152 Resp: 129099
Ion Ratio Lower Upper
152 100
150 160.0 126.2 189.2
115 64.4 49.9 74.9



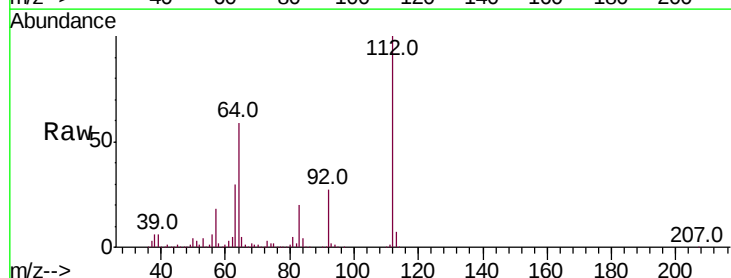
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



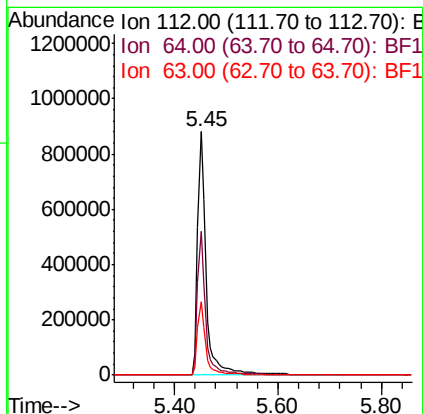
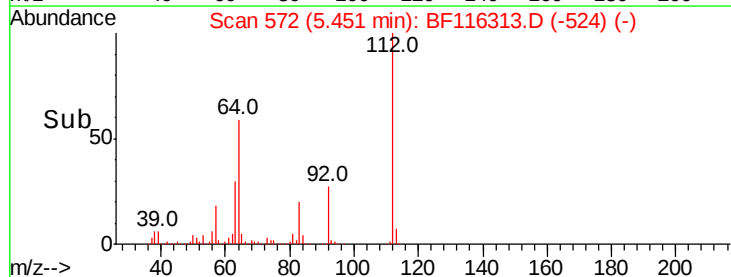
#5

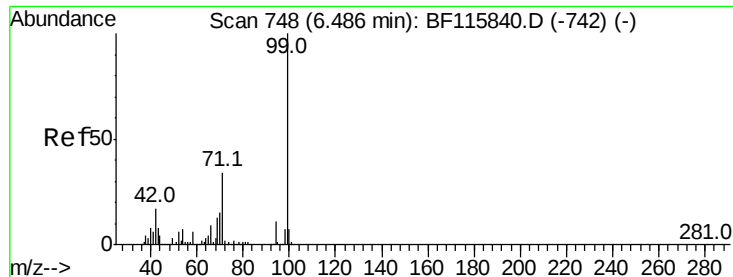
2-Fluorophenol
Concen: 131.114 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.02 min
Lab File: BF116313.D
Acq: 16 Aug 2019 11:05

Tgt Ion:112 Resp: 1011113
Ion Ratio Lower Upper
112 100
64 58.9 45.4 68.2
63 30.3 23.7 35.5



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: 134.273 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF116313.D

Acq: 16 Aug 2019 11:05

Instrument :

BNA_F

ClientSampleId :

PB122249BL

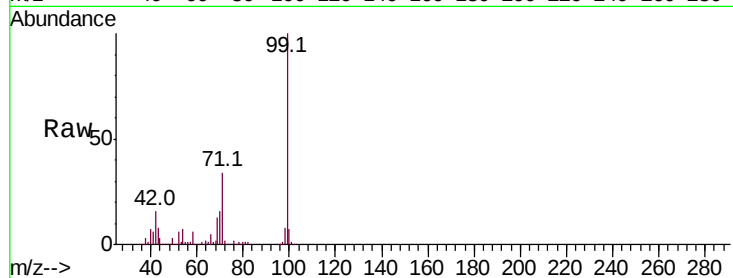
Tot Ion: 99 Resp: 1306432

Ion Ratio Lower Upper

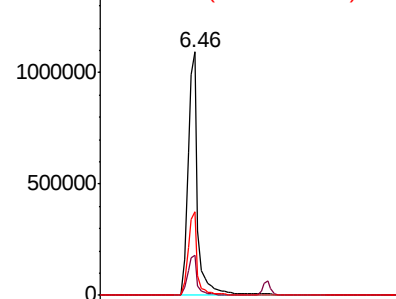
99 100

42 16.4 13.8 20.8

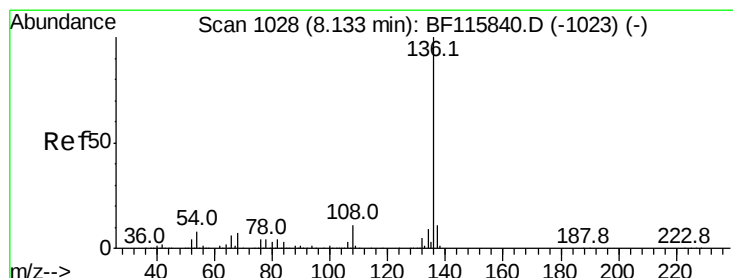
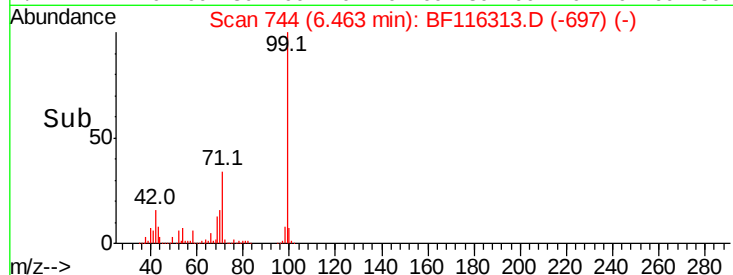
71 34.1 27.3 40.9



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



Time--> 6.30 6.40 6.50 6.60 6.70



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.03 min

Lab File: BF116313.D

Acq: 16 Aug 2019 11:05

Tgt Ion: 136 Resp: 496256

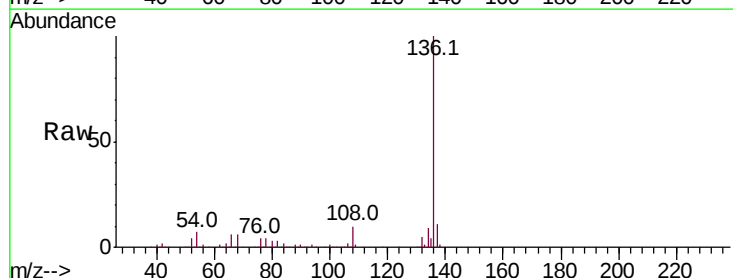
Ion Ratio Lower Upper

136 100

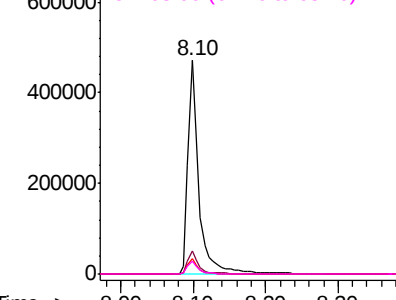
137 11.1 9.0 13.4

54 7.2 5.8 8.6

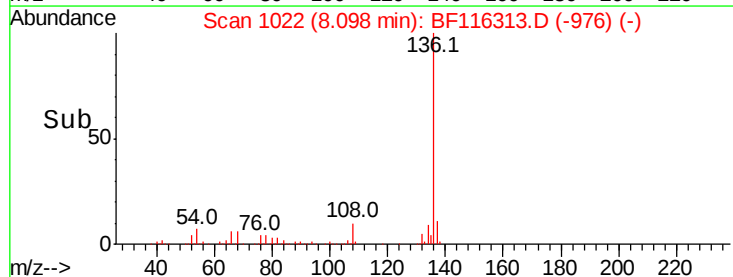
68 6.1 5.2 7.8

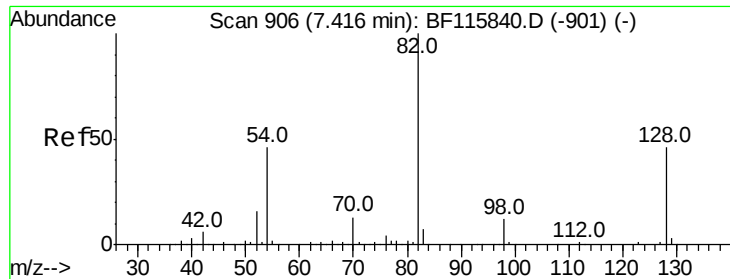


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



Time--> 8.00 8.10 8.20 8.30

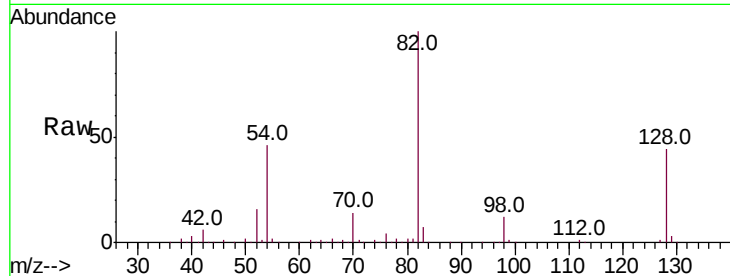




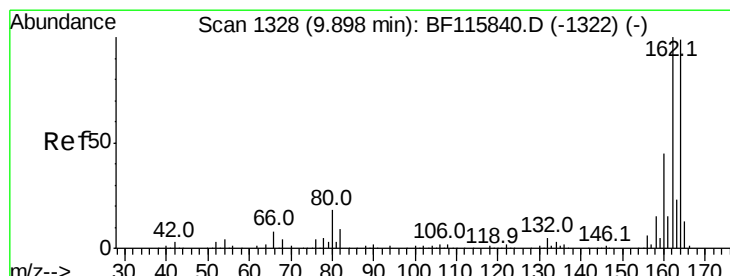
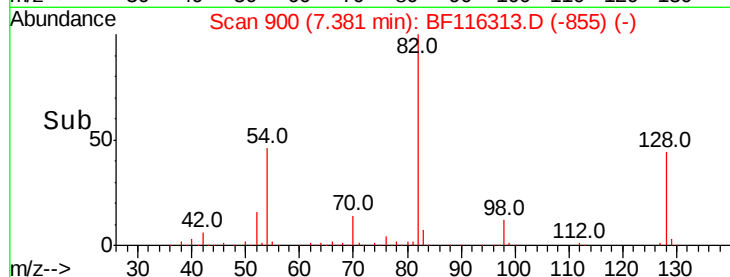
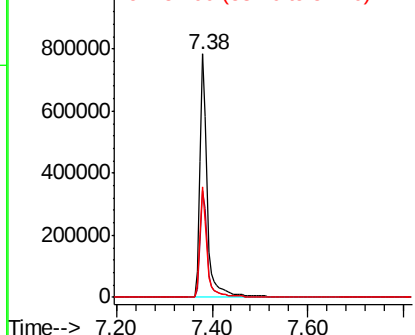
#23
 Nitrobenzene-d5
 Concen: 99.609 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.04 min
 Lab File: BF116313.D
 Acq: 16 Aug 2019 11:05

Instrument :
 BNA_F
 ClientSampleId :
 PB122249BL

Tot Ion: 82 Resp: 856353
 Ion Ratio Lower Upper
 82 100
 128 44.0 36.5 54.7
 54 45.6 36.0 54.0

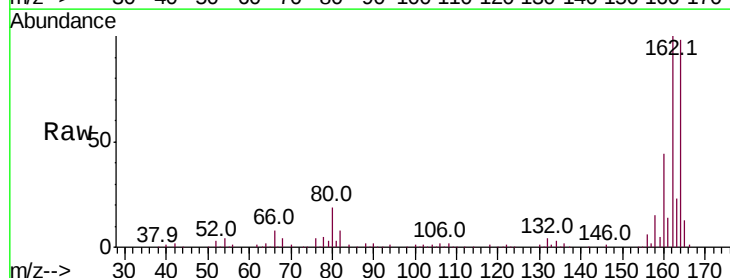


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

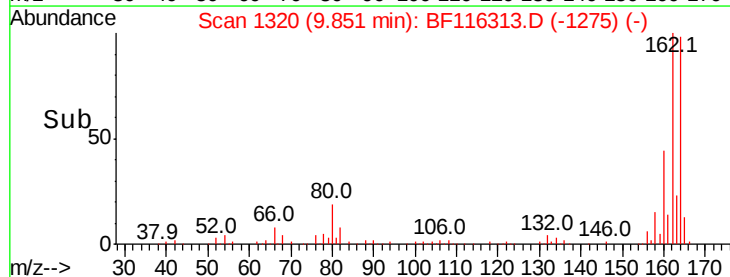
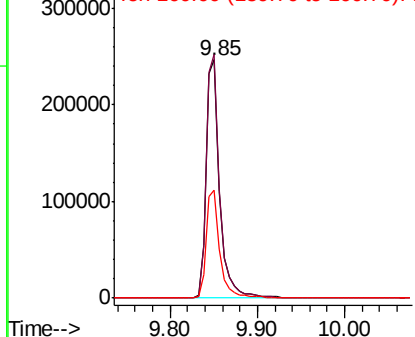


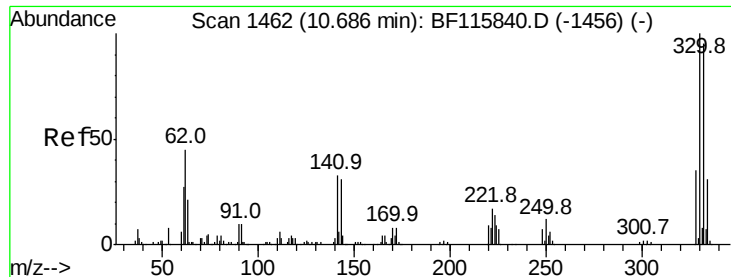
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.04 min
 Lab File: BF116313.D
 Acq: 16 Aug 2019 11:05

Tgt Ion: 164 Resp: 265646
 Ion Ratio Lower Upper
 164 100
 162 102.2 82.6 124.0
 160 45.5 37.6 56.4



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

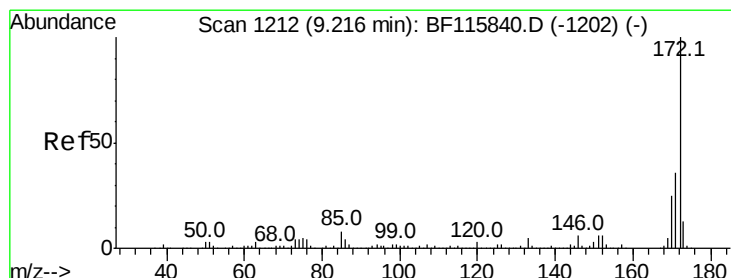
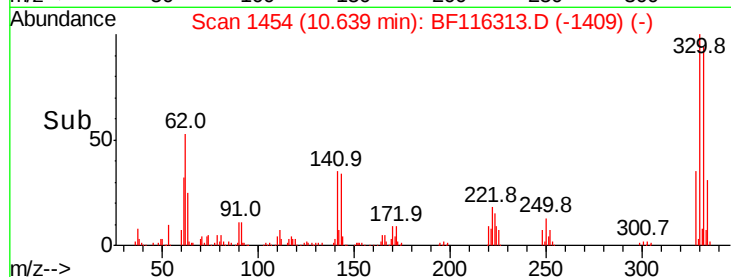
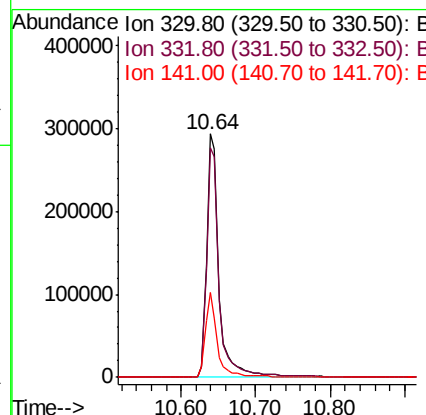
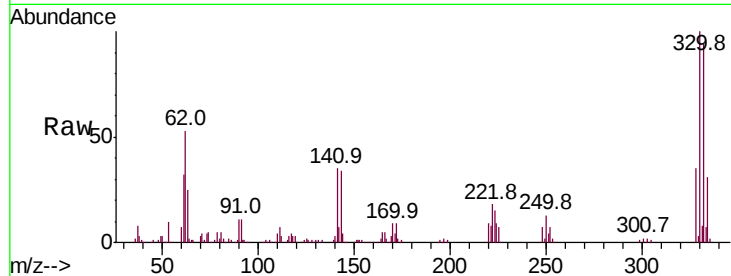




#42
 2,4,6-Tribromophenol
 Concen: 134.221 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.04 min
 Lab File: BF116313.D
 Acq: 16 Aug 2019 11:05

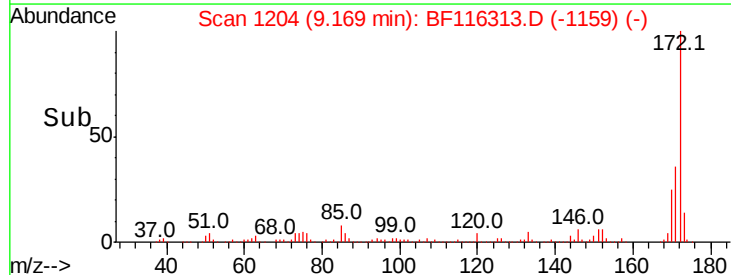
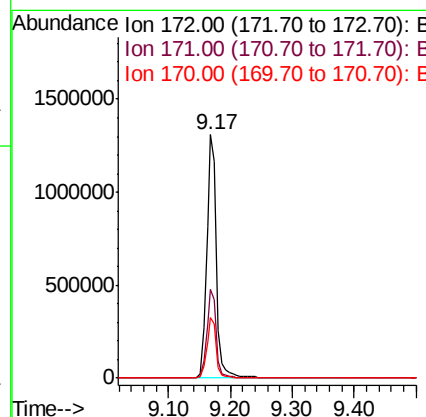
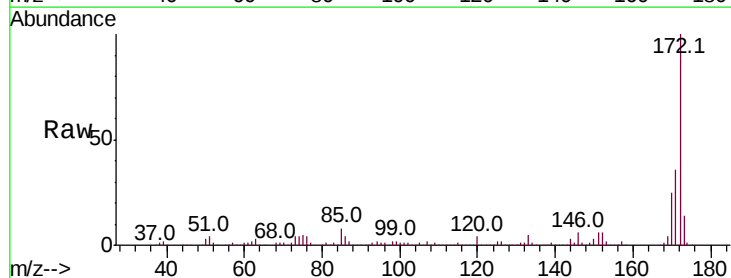
Instrument :
 BNA_F
 ClientSampleId :
 PB122249BL

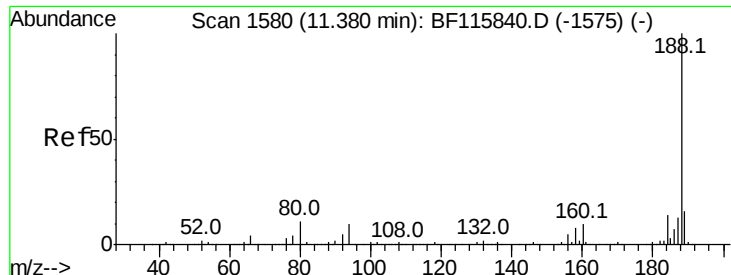
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.8	115.2
141	34.2	26.3	39.5



#45
 2-Fluorobiphenyl
 Concen: 102.915 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF116313.D
 Acq: 16 Aug 2019 11:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.7	20.1	30.1

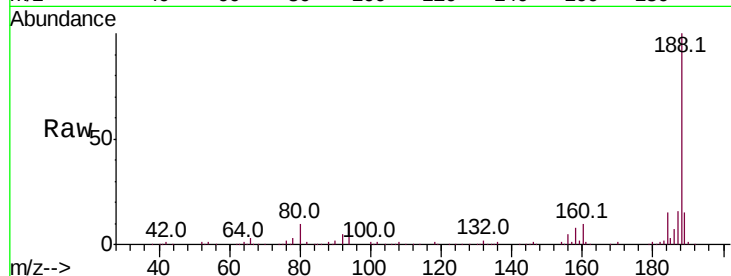




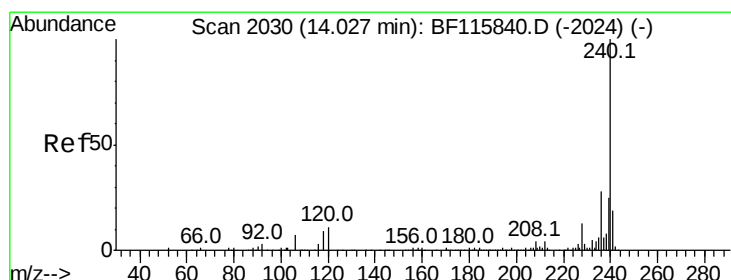
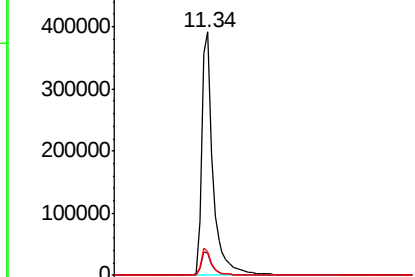
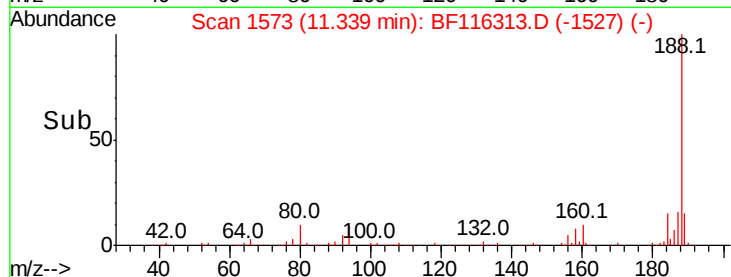
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.03 min
Lab File: BF116313.D
Acq: 16 Aug 2019 11:05

Instrument :
BNA_F
ClientSampleId :
PB122249BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.1	12.1
80	9.6	8.7	13.1

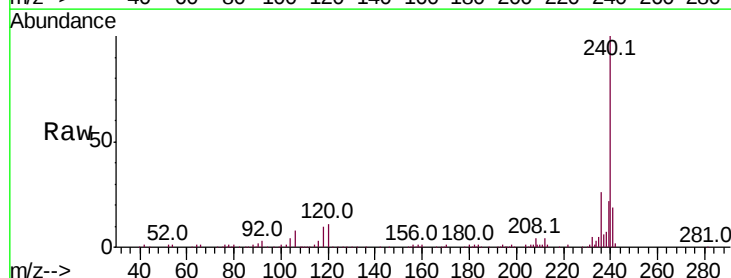


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

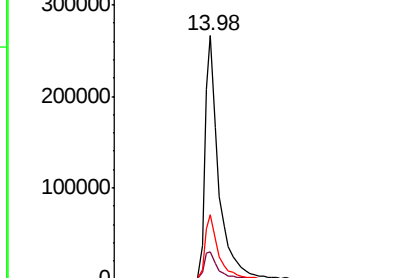
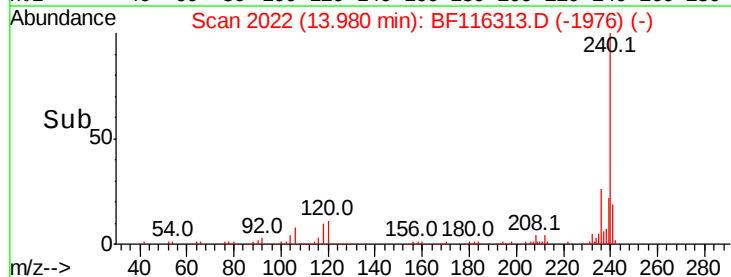


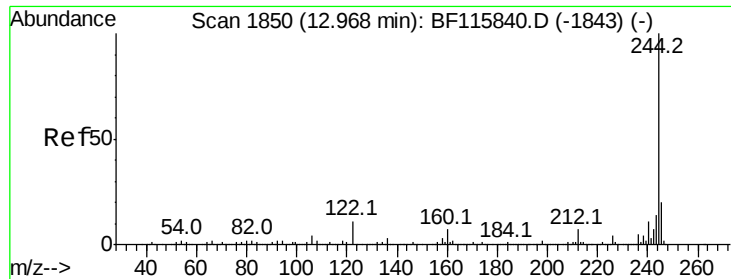
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.03 min
Lab File: BF116313.D
Acq: 16 Aug 2019 11:05

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.1	10.7	16.1
236	26.4	22.2	33.2



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: 99.698 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.04 min

Lab File: BF116313.D

Acq: 16 Aug 2019 11:05

Instrument :

BNA_F

ClientSampleId :

PB122249BL

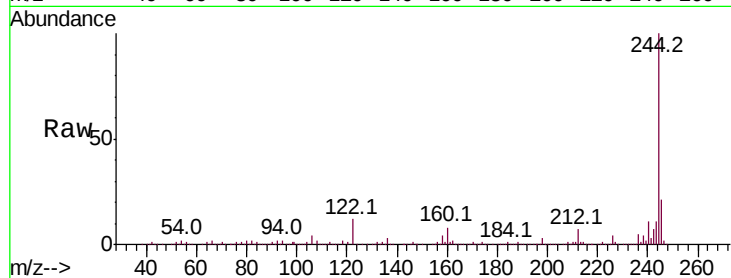
Tot Ion:244 Resp: 1599221

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

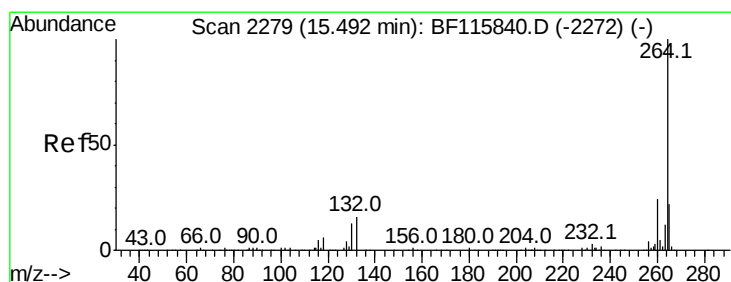
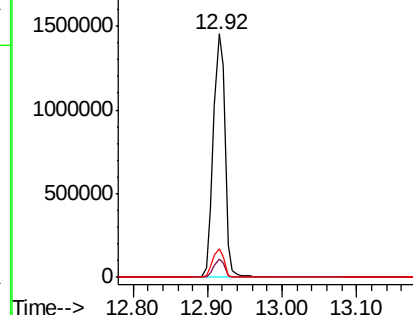
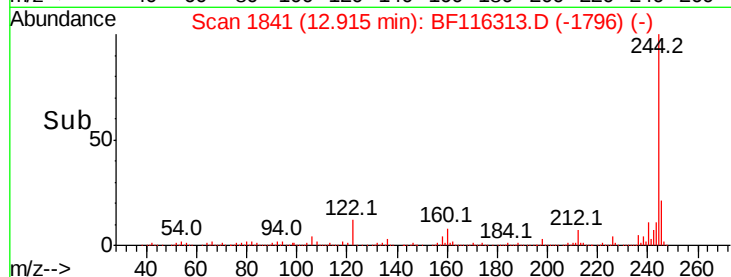
122 11.8 9.0 13.4



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: 15.44 min Scan# 2271

Delta R.T. -0.03 min

Lab File: BF116313.D

Acq: 16 Aug 2019 11:05

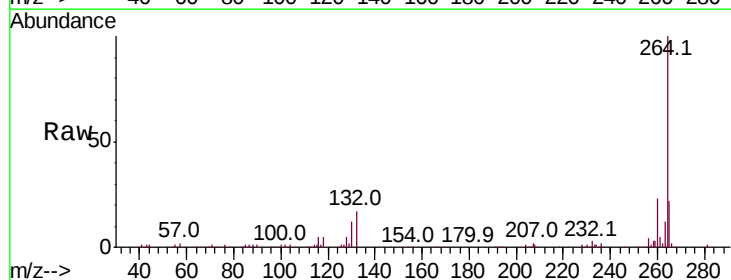
Tgt Ion:264 Resp: 311527

Ion Ratio Lower Upper

264 100

260 23.3 19.7 29.5

265 21.5 17.4 26.0



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

