

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
 Data File : BF116189.D
 Acq On : 12 Aug 2019 13:58
 Operator : HP/JU
 Sample : PB122127TB
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122127TB

Quant Time: Aug 12 15:23:48 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	6.83	152	136058	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	529975	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	291293	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	546259	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	400360	20.00	ng	-0.01
87) Perylene-d12	15.47	264	365013	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	974701	119.93	ng	0.00
7) Phenol-d6	6.47	99	1290939	125.89	ng	-0.01
23) Nitrobenzene-d5	7.40	82	840569	91.55	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	366669	129.83	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1482799	95.35	ng	-0.02
79) Terphenyl-d14	12.94	244	1725961	90.84	ng	-0.01

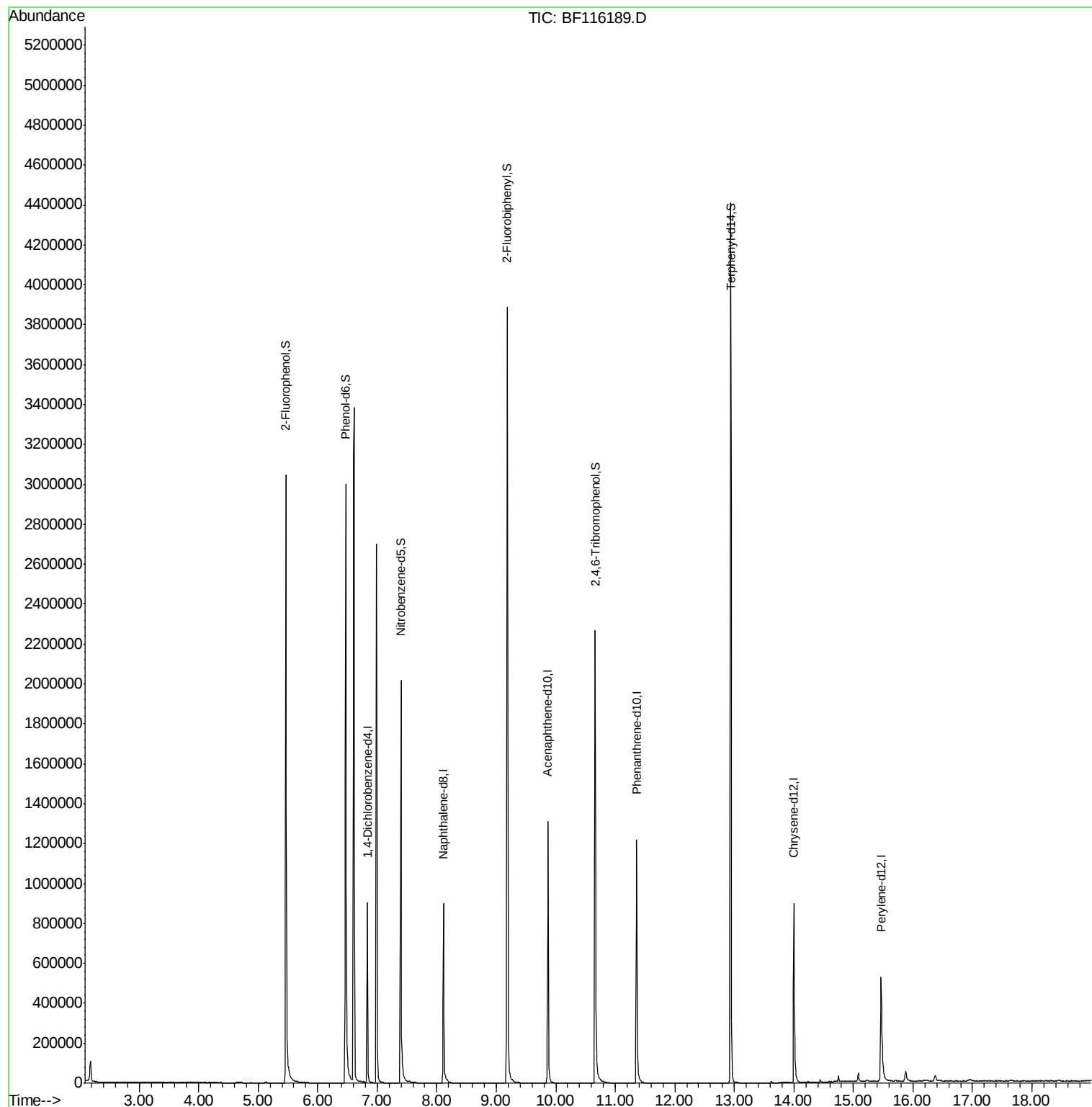
Target Compounds Qvalue

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

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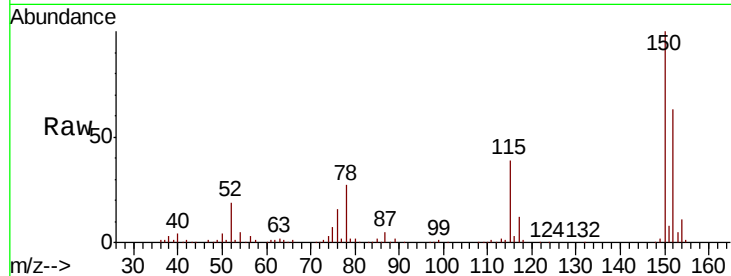


#1

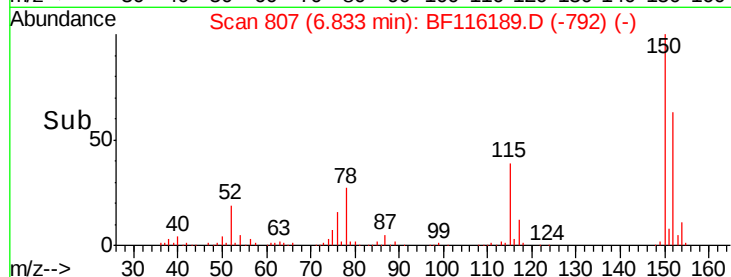
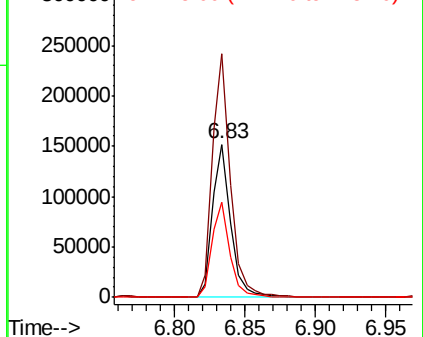
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116189.D
Acq: 12 Aug 2019 13:58

Instrument :
BNA_F
ClientSampleId :
PB122127TB

Tot Ion:152 Resp: 136058
Ion Ratio Lower Upper
152 100
150 158.8 126.2 189.2
115 62.4 49.9 74.9



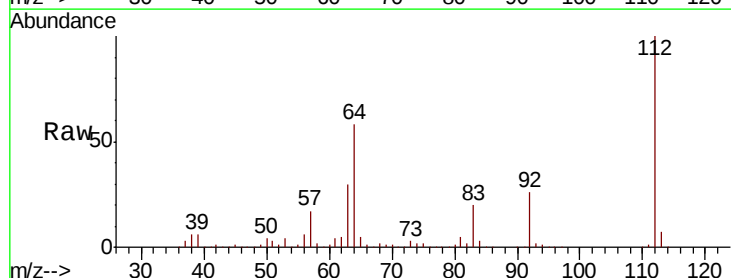
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



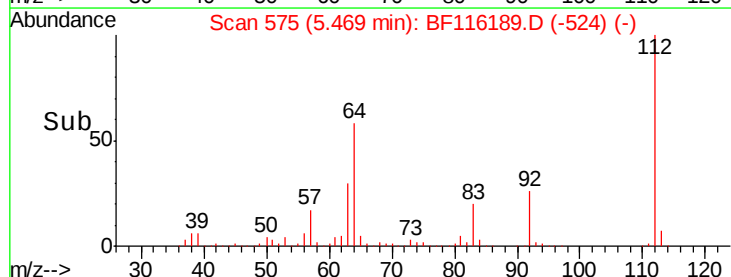
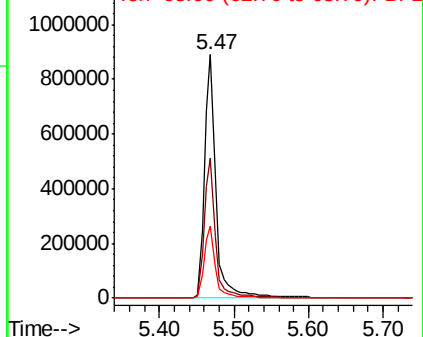
#5

2-Fluorophenol
Concen: 119.928 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.00 min
Lab File: BF116189.D
Acq: 12 Aug 2019 13:58

Tgt Ion:112 Resp: 974701
Ion Ratio Lower Upper
112 100
64 57.6 45.4 68.2
63 29.8 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: 125.894 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116189.D

Acq: 12 Aug 2019 13:58

Instrument :

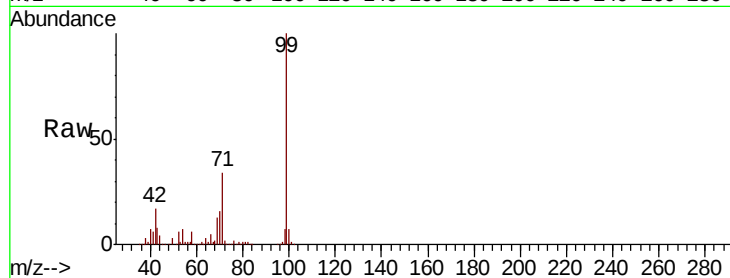
BNA_F

ClientSampleId :

PB122127TB

Tot Ion: 99 Resp: 1290939

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.8	20.8
71	34.4	27.3	40.9

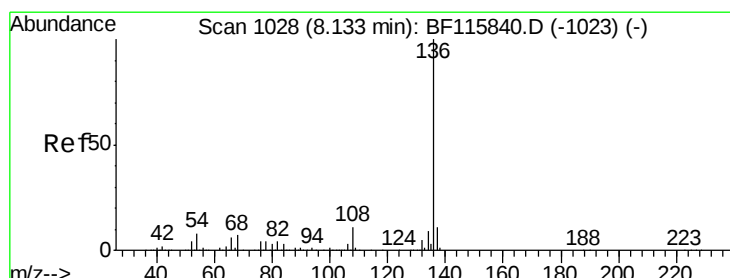
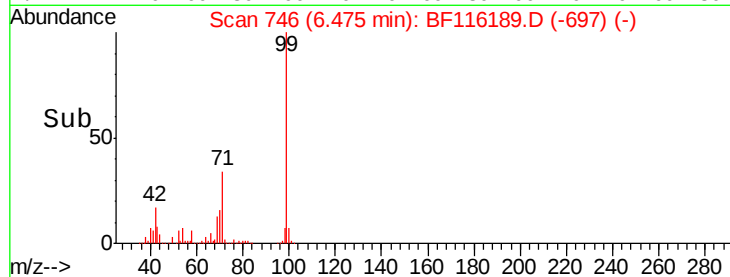


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1024

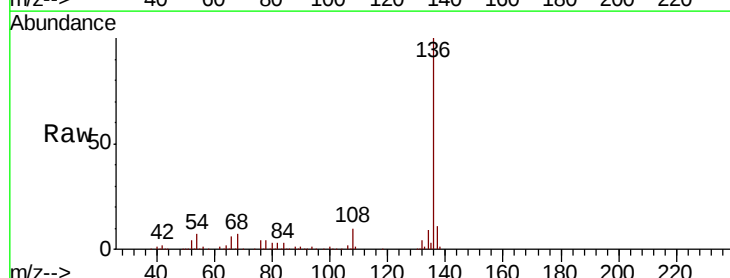
Delta R.T. -0.02 min

Lab File: BF116189.D

Acq: 12 Aug 2019 13:58

Tgt Ion: 136 Resp: 529975

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.3	5.8	8.6
68	6.8	5.2	7.8



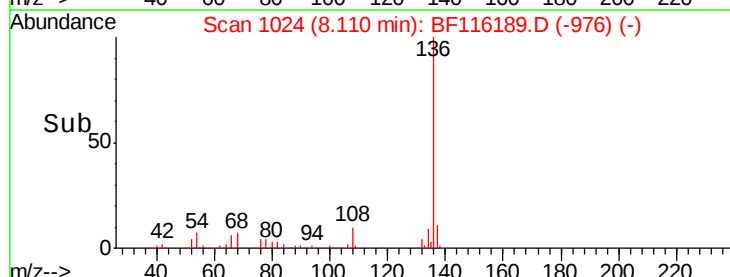
Abundance

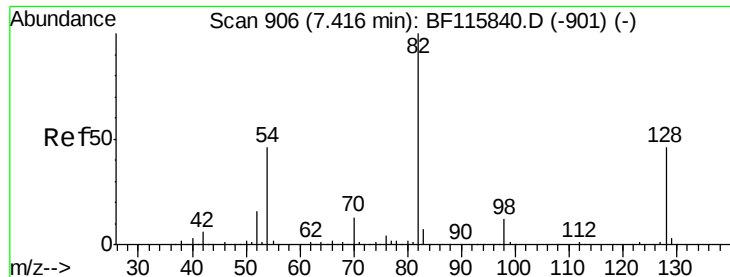
Ion 136.00 (135.70 to 136.70): E

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

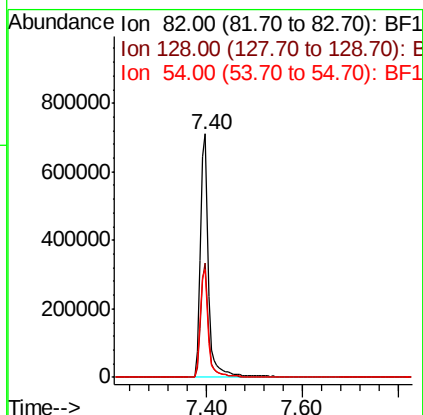
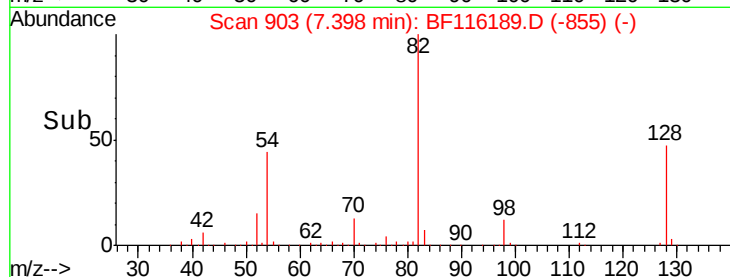
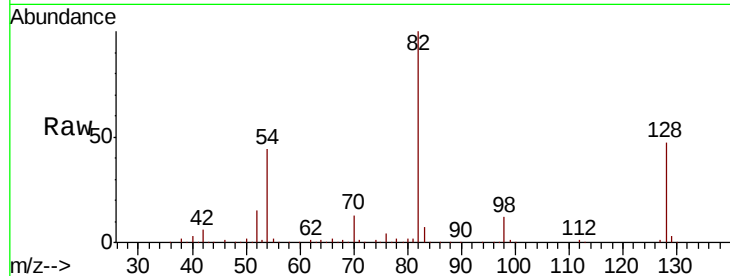




#23
Nitrobenzene-d5
Concen: 91.552 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116189.D
Acq: 12 Aug 2019 13:58

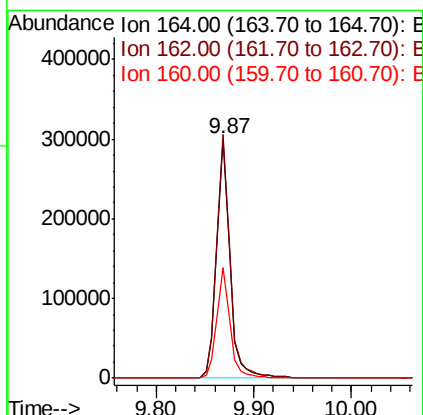
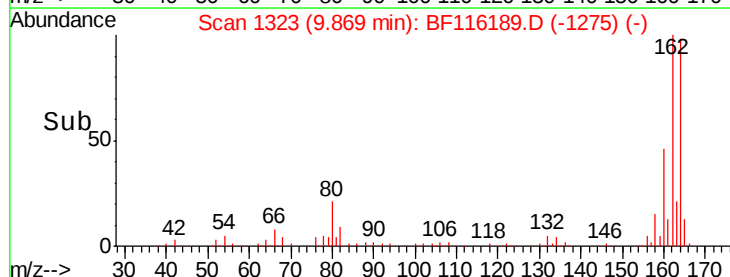
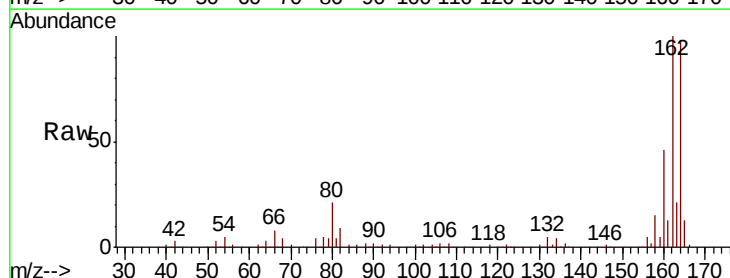
Instrument :
BNA_F
ClientSampleId :
PB122127TB

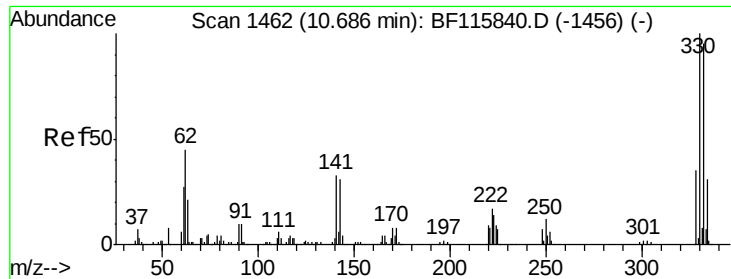
Tot Ion: 82 Resp: 840569
Ion Ratio Lower Upper
82 100
128 46.8 36.5 54.7
54 44.4 36.0 54.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116189.D
Acq: 12 Aug 2019 13:58

Tgt Ion: 164 Resp: 291293
Ion Ratio Lower Upper
164 100
162 101.9 82.6 124.0
160 46.4 37.6 56.4

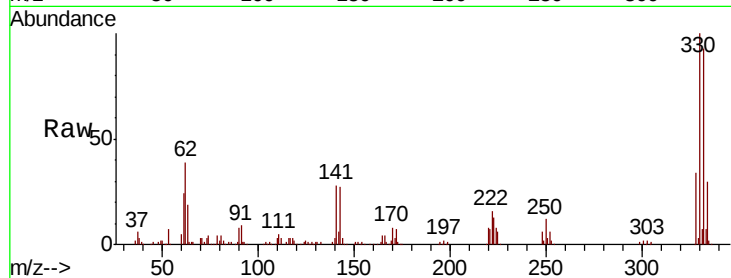




#42
 2,4,6-Tribromophenol
 Concen: 129.833 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116189.D
 Acq: 12 Aug 2019 13:58

Instrument :
 BNA_F
 ClientSampleId :
 PB122127TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.8	115.2
141	33.8	26.3	39.5

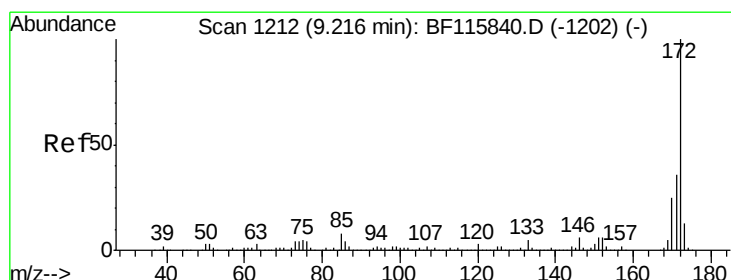
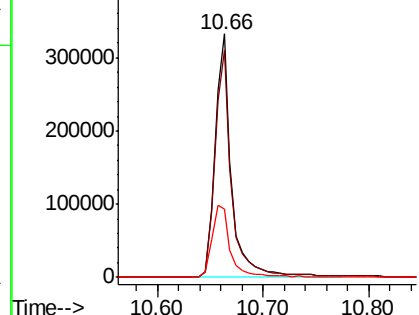
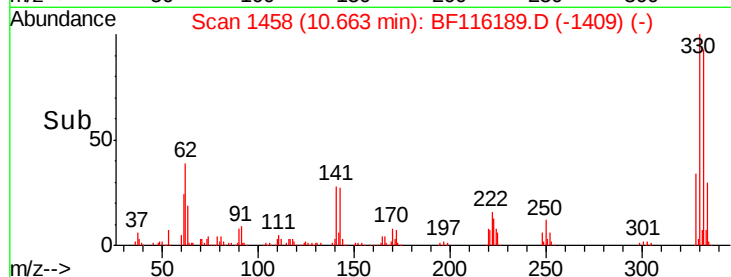


Abundance

Ion 329.80 (329.50 to 330.50): E

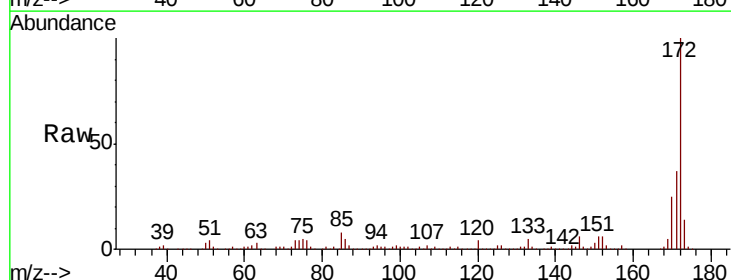
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 95.347 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF116189.D
 Acq: 12 Aug 2019 13:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.8	20.1	30.1

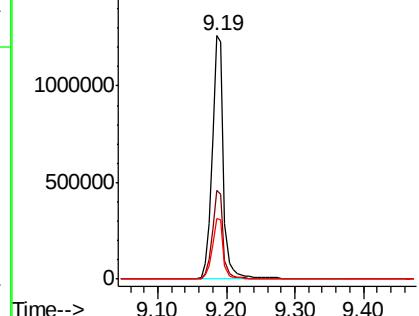
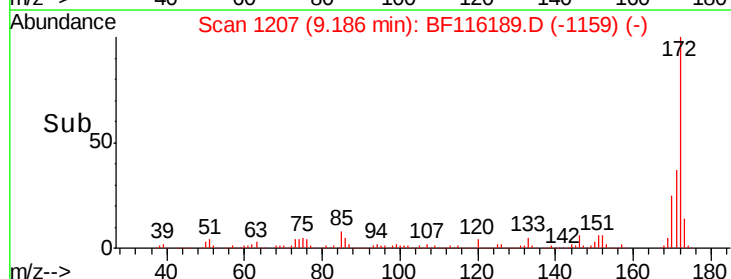


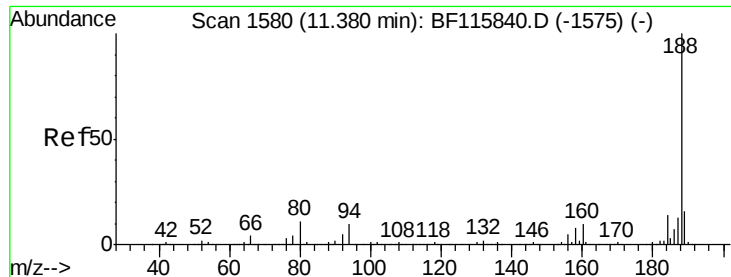
Abundance

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

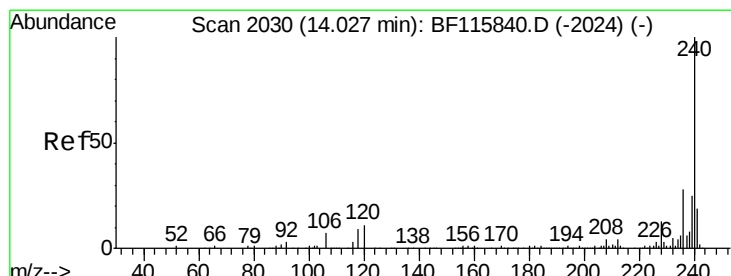
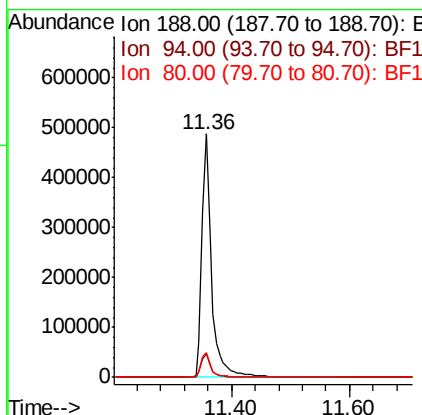
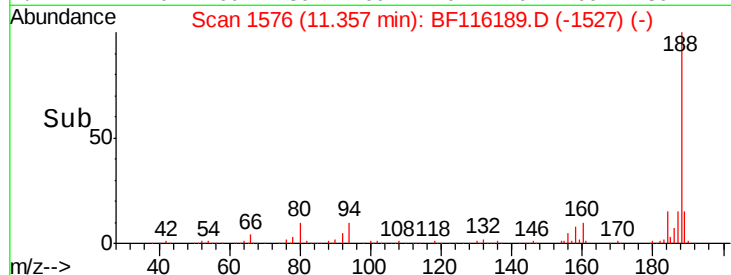
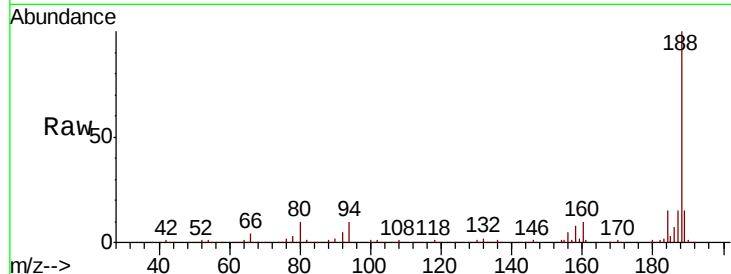




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF116189.D
 Acq: 12 Aug 2019 13:58

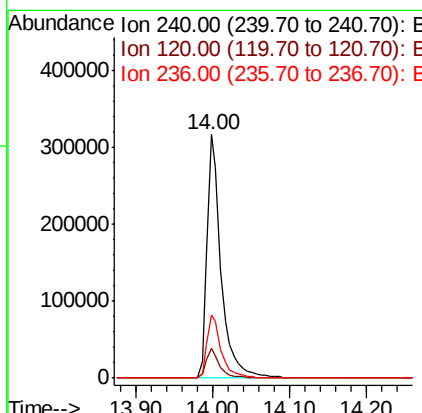
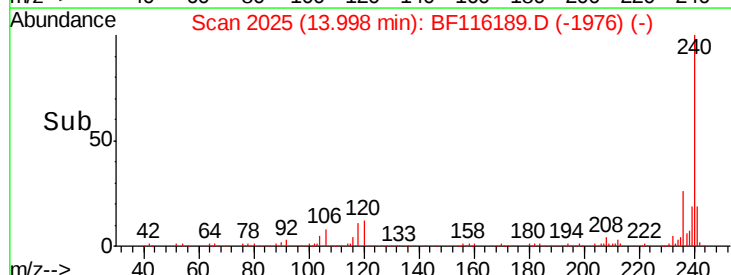
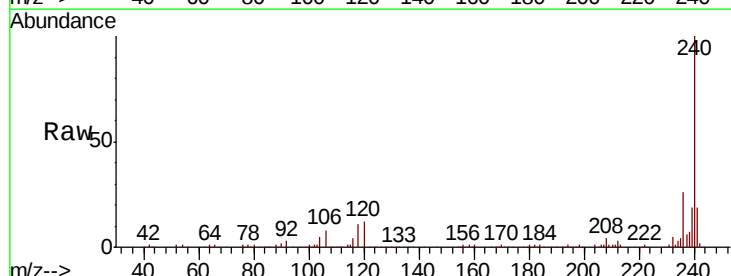
Instrument :
 BNA_F
 ClientSampleId :
 PB122127TB

Tot Ion:188 Resp: 546259
 Ion Ratio Lower Upper
 188 100
 94 9.8 8.1 12.1
 80 10.3 8.7 13.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF116189.D
 Acq: 12 Aug 2019 13:58

Tgt Ion:240 Resp: 400360
 Ion Ratio Lower Upper
 240 100
 120 12.1 10.7 16.1
 236 26.1 22.2 33.2





#79

Terphenyl-d14

Concen: 90.840 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116189.D

Acq: 12 Aug 2019 13:58

Instrument :

BNA_F

ClientSampleId :

PB122127TB

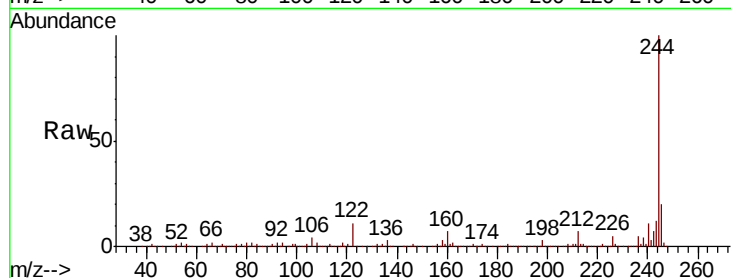
Tot Ion:244 Resp: 1725961

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

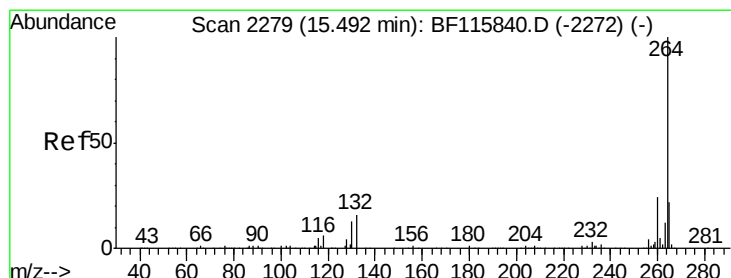
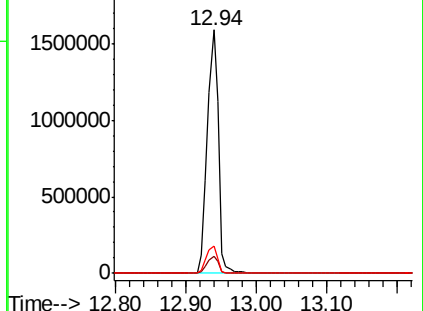
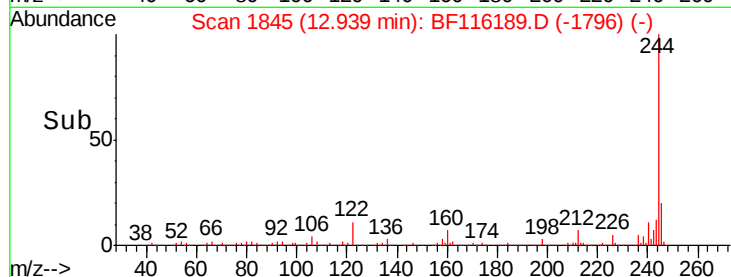
122 11.3 9.0 13.4



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: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF116189.D

Acq: 12 Aug 2019 13:58

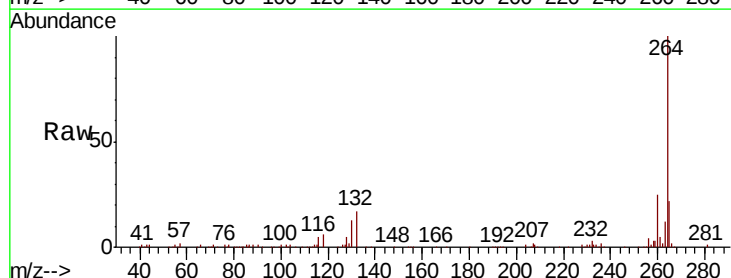
Tgt Ion:264 Resp: 365013

Ion Ratio Lower Upper

264 100

260 25.2 19.7 29.5

265 22.0 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

