

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
 Data File : BF115897.D
 Acq On : 1 Aug 2019 10:29
 Operator : HP/JU
 Sample : PB121854BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121854BL

Quant Time: Aug 01 13:54:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	167658	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	648950	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	347056	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	593428	20.00	ng	0.00
76) Chrysene-d12	14.02	240	387101	20.00	ng	0.00
87) Perylene-d12	15.50	264	358171	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1106959	110.53	ng	0.02
7) Phenol-d6	6.49	99	1427935	113.01	ng	0.00
23) Nitrobenzene-d5	7.42	82	937857	83.42	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	379634	112.82	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1601821	86.45	ng	0.00
79) Terphenyl-d14	12.97	244	1686466	91.80	ng	0.00

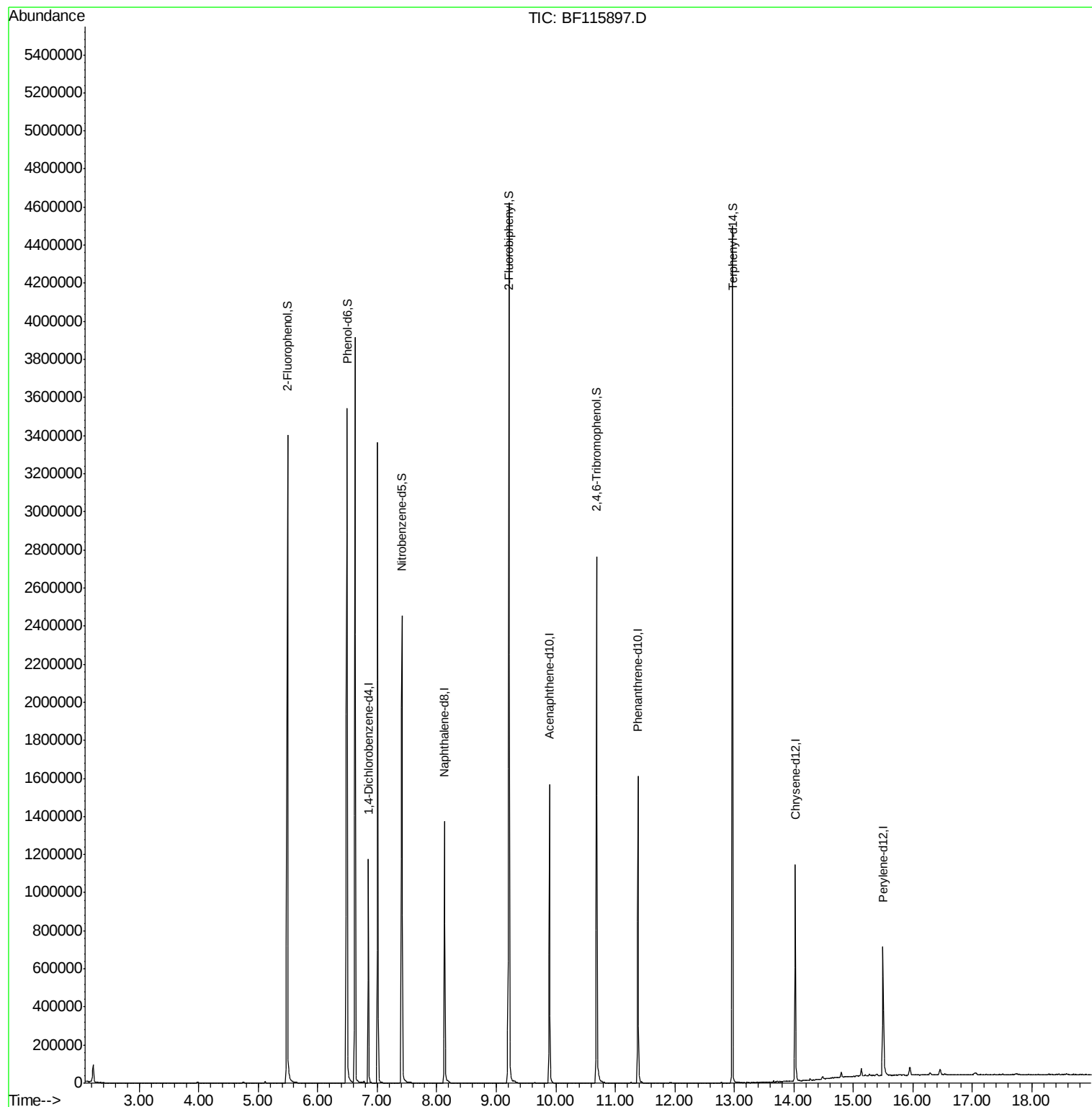
Target Compounds Qvalue

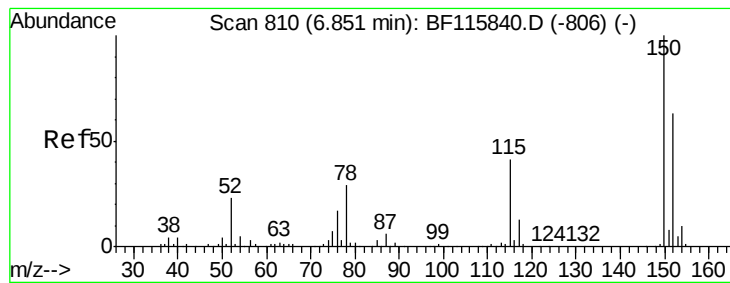
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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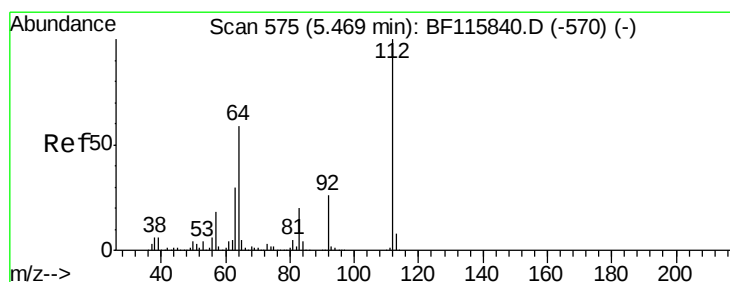
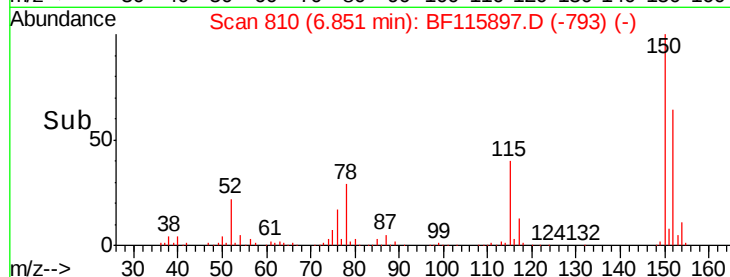
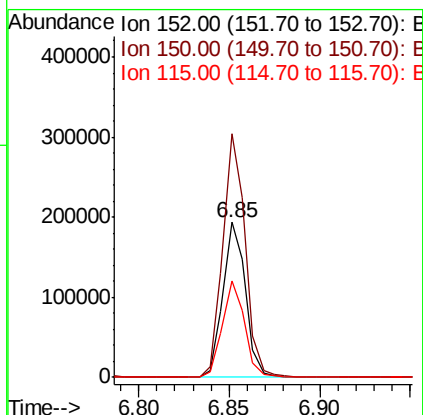
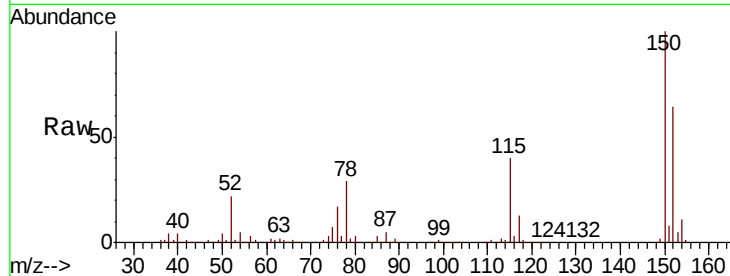




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF115897.D
 Acq: 1 Aug 2019 10:29

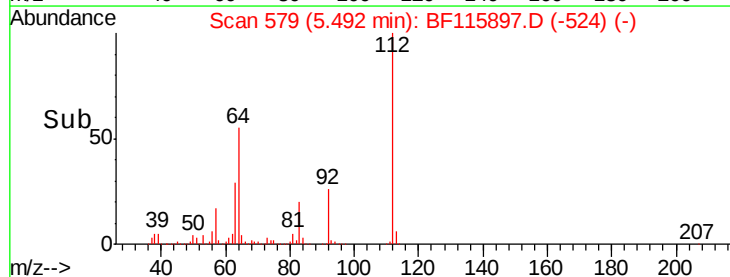
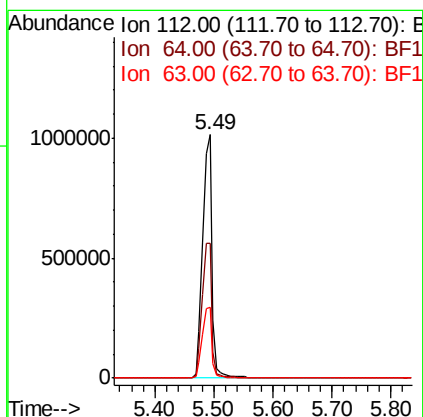
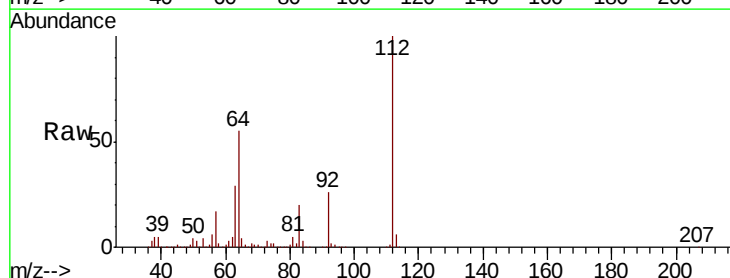
Instrument :
 BNA_F
 ClientSampleId :
 PB121854BL

Tot Ion:152 Resp: 167658
 Ion Ratio Lower Upper
 152 100
 150 157.1 127.4 191.0
 115 62.1 51.8 77.8



#5
 2-Fluorophenol
 Concen: 110.530 ng
 RT: 5.49 min Scan# 579
 Delta R.T. 0.02 min
 Lab File: BF115897.D
 Acq: 1 Aug 2019 10:29

Tgt Ion:112 Resp: 1106959
 Ion Ratio Lower Upper
 112 100
 64 55.3 46.8 70.2
 63 28.9 24.2 36.2





#7

Phenol-d6

Concen: 113.008 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF115897.D

Acq: 1 Aug 2019 10:29

Instrument :

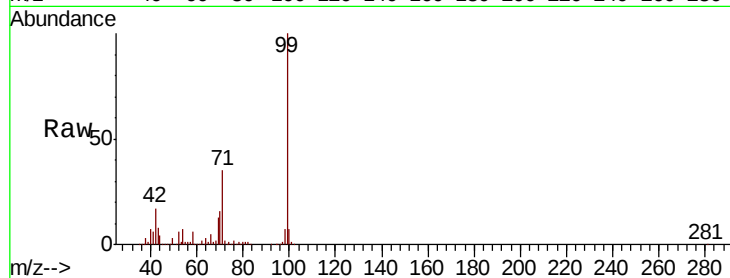
BNA_F

ClientSampleId :

PB121854BL

Tot Ion: 99 Resp: 1427935

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.8	20.6
71	34.9	27.1	40.7

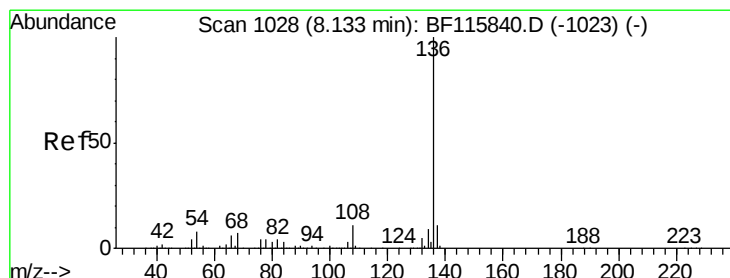
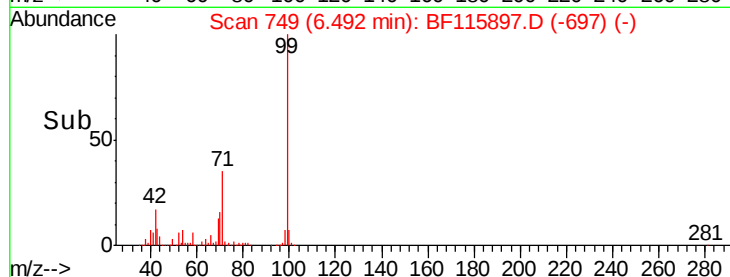
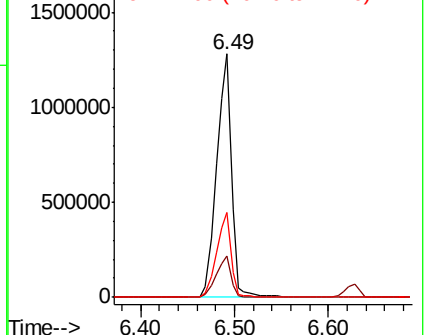


Abundance

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: 8.13 min Scan# 1028

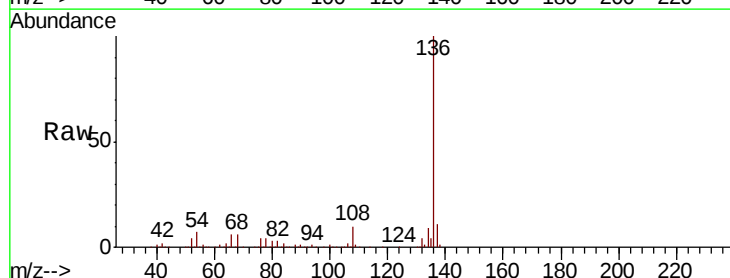
Delta R.T. 0.00 min

Lab File: BF115897.D

Acq: 1 Aug 2019 10:29

Tgt Ion: 136 Resp: 648950

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	7.2	6.1	9.1
68	6.4	5.4	8.2



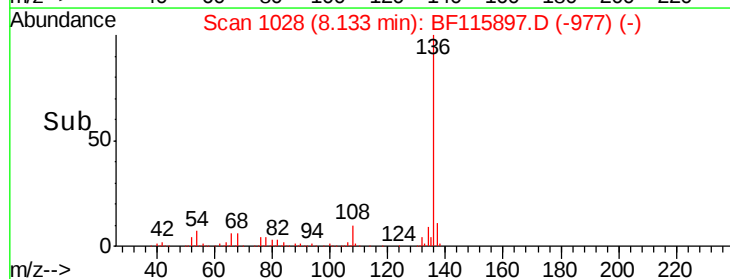
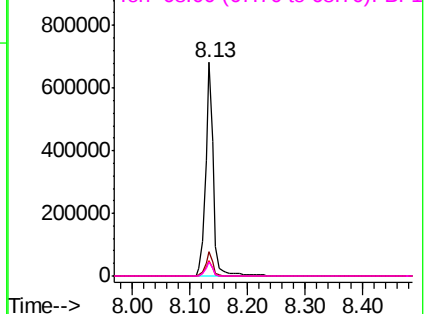
Abundance

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

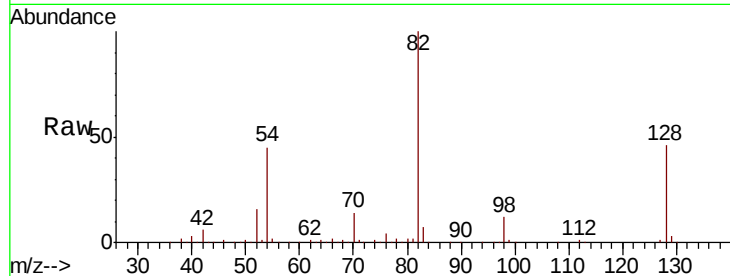




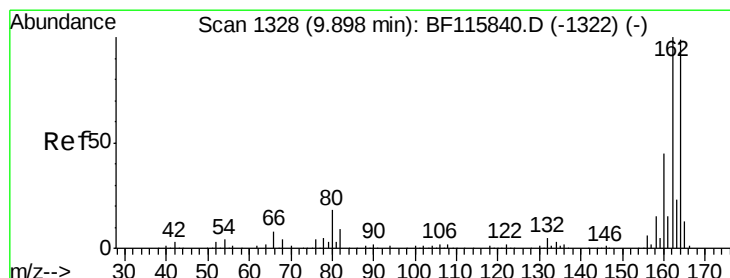
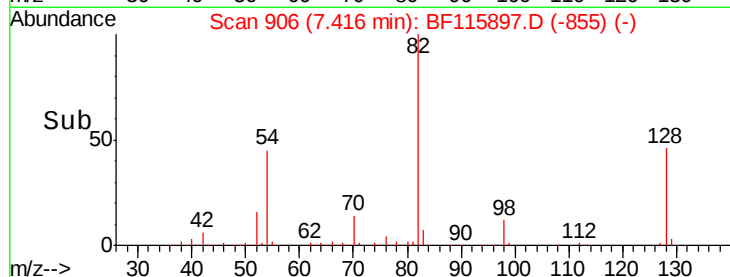
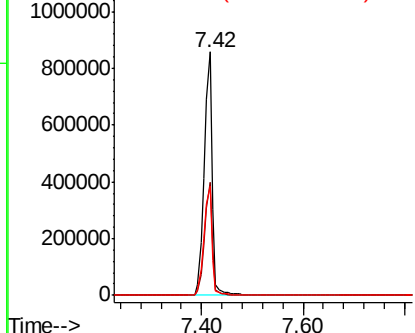
#23
 Nitrobenzene-d5
 Concen: 83.421 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF115897.D
 Acq: 1 Aug 2019 10:29

Instrument :
 BNA_F
 ClientSampleId :
 PB121854BL

Tot Ion: 82 Resp: 937857
 Ion Ratio Lower Upper
 82 100
 128 46.5 36.6 55.0
 54 45.0 36.6 55.0

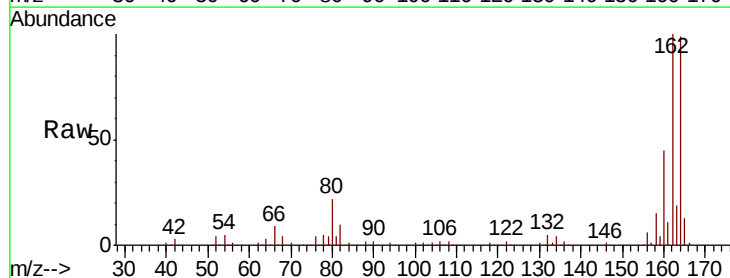


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

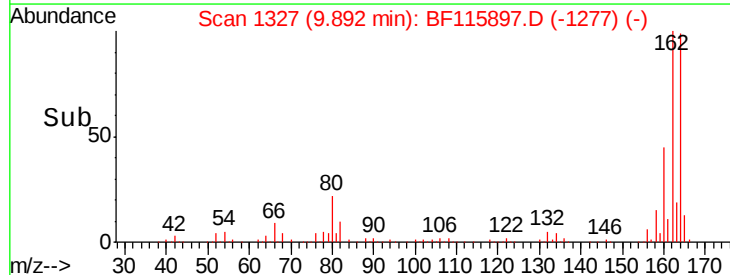
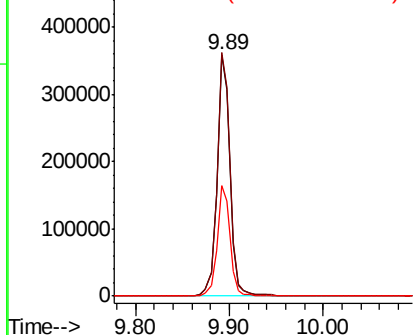


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF115897.D
 Acq: 1 Aug 2019 10:29

Tgt Ion:164 Resp: 347056
 Ion Ratio Lower Upper
 164 100
 162 100.8 80.8 121.2
 160 45.7 36.2 54.4



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: 112.825 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.00 min

Lab File: BF115897.D

Acq: 1 Aug 2019 10:29

Instrument :

BNA_F

ClientSampleId :

PB121854BL

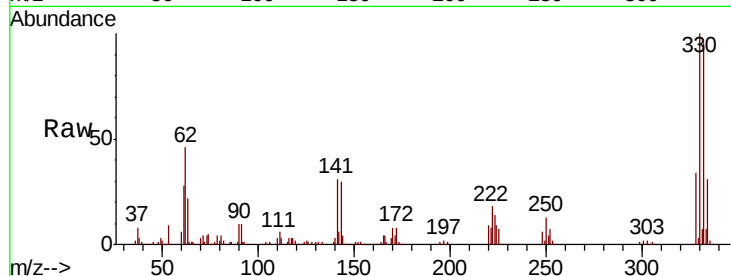
Tot Ion:330 Resp: 379634

Ion Ratio Lower Upper

330 100

332 96.0 77.7 116.5

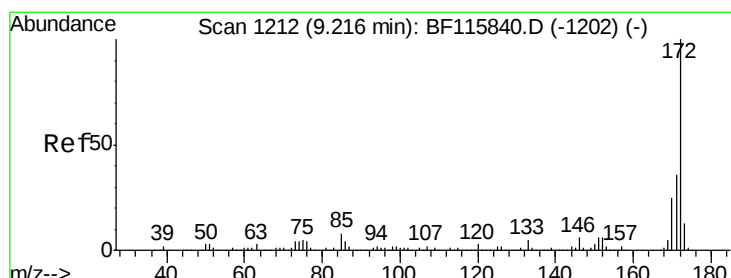
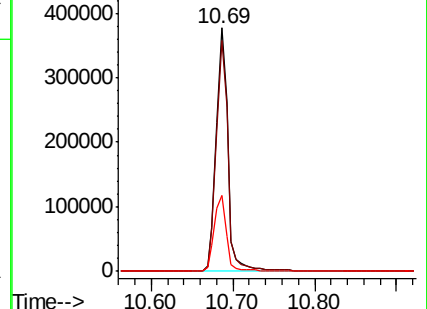
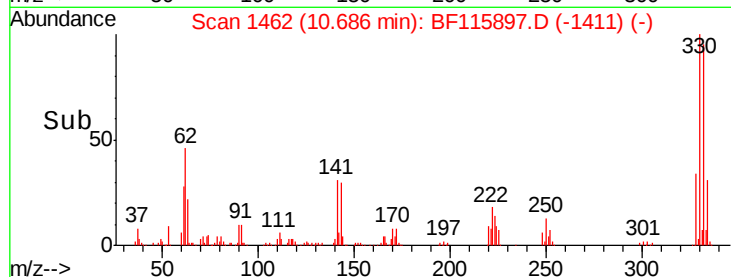
141 32.6 28.1 42.1



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: 86.451 ng

RT: 9.22 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BF115897.D

Acq: 1 Aug 2019 10:29

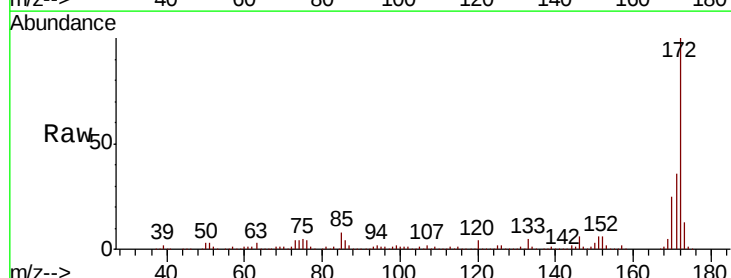
Tgt Ion:172 Resp: 1601821

Ion Ratio Lower Upper

172 100

171 36.4 29.1 43.7

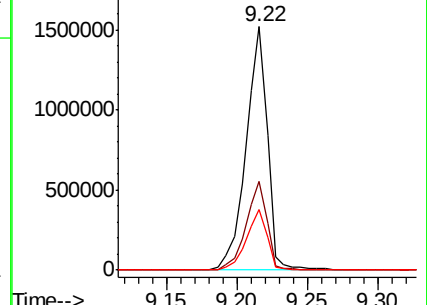
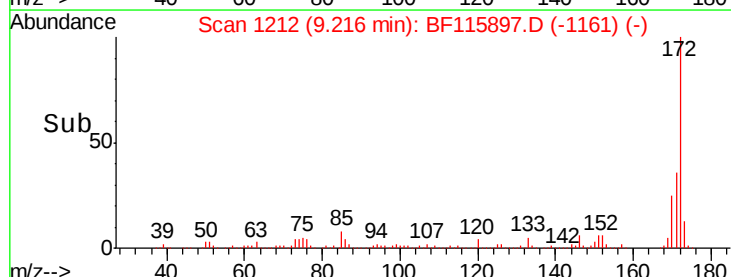
170 25.0 20.1 30.1

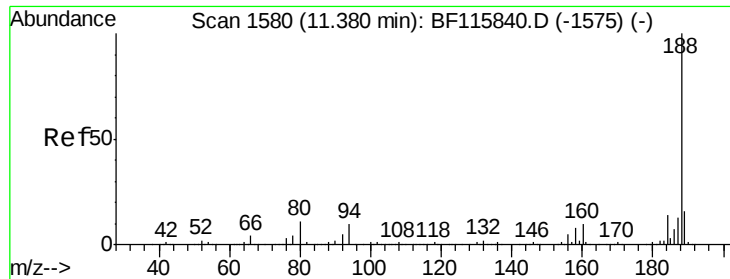


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

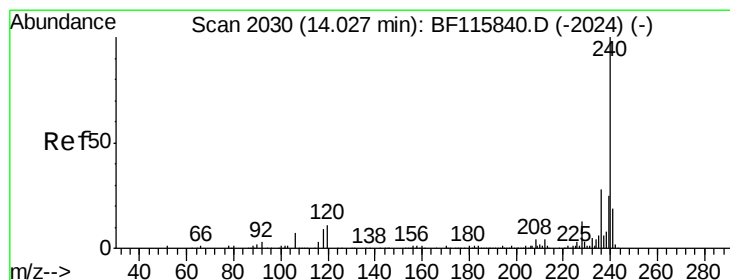
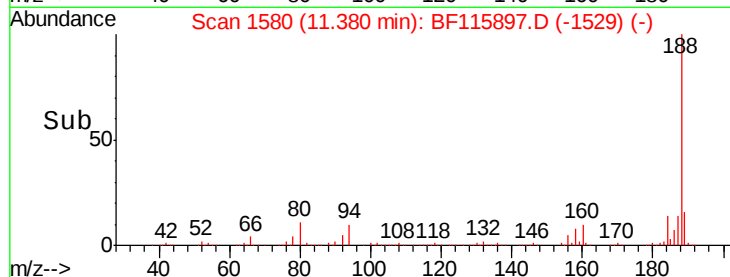
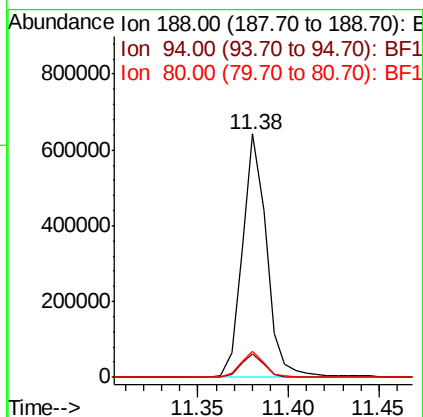
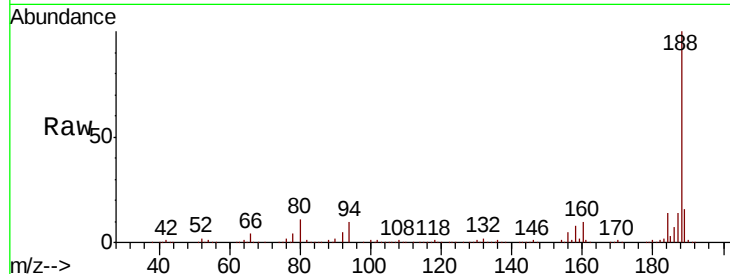




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF115897.D
 Acq: 1 Aug 2019 10:29

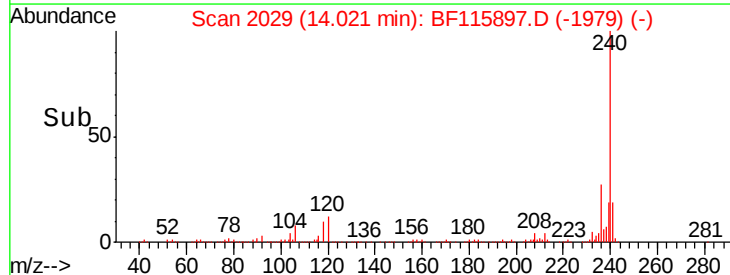
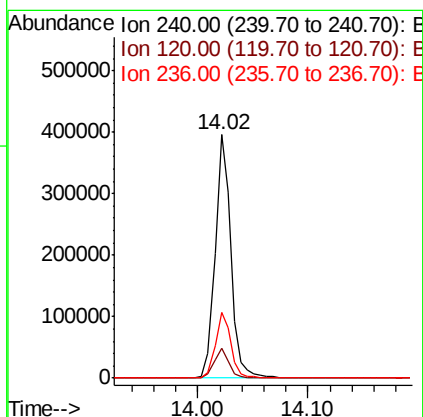
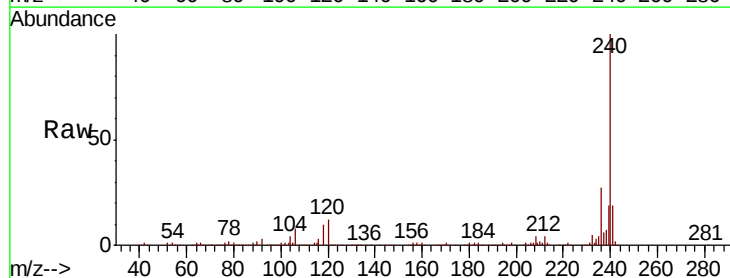
Instrument :
 BNA_F
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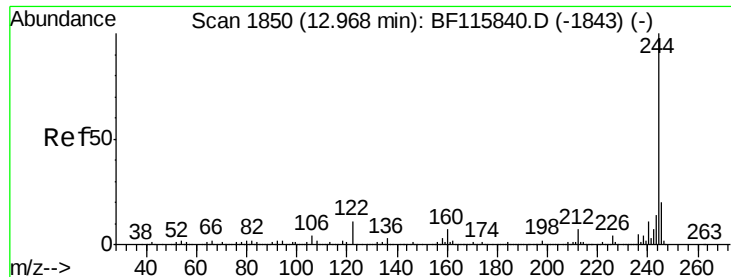
Tot Ion:188 Resp: 593428
 Ion Ratio Lower Upper
 188 100
 94 9.7 8.0 12.0
 80 10.9 8.6 12.8



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF115897.D
 Acq: 1 Aug 2019 10:29

Tgt Ion:240 Resp: 387101
 Ion Ratio Lower Upper
 240 100
 120 12.1 8.5 12.7
 236 27.1 22.2 33.2





#79

Terphenyl-d14

Concen: 91.802 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF115897.D

Acq: 1 Aug 2019 10:29

Instrument :

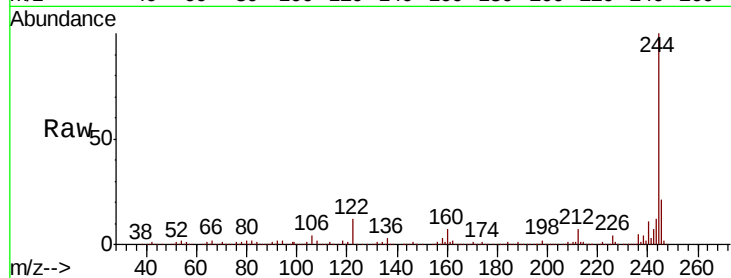
BNA_F

ClientSampleId :

PB121854BL

Tot Ion:244 Resp: 1686466

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	11.6	8.6	13.0

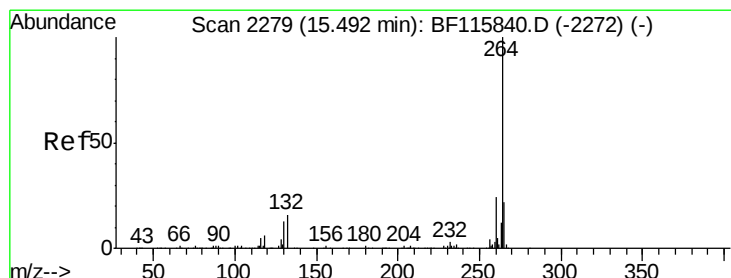
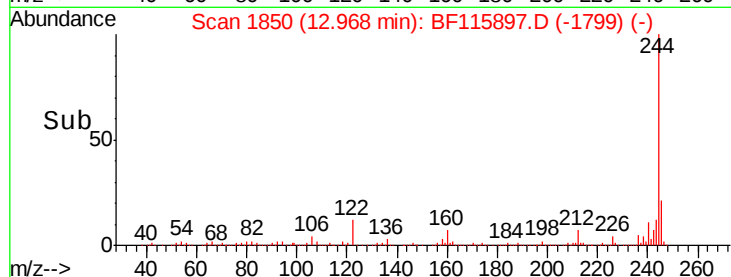
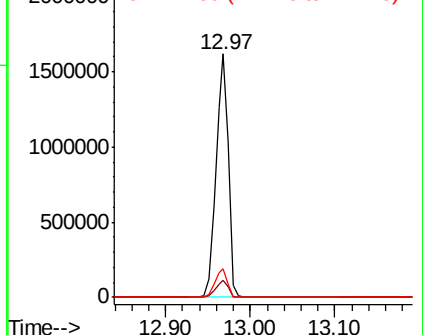


Abundance

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# 2280

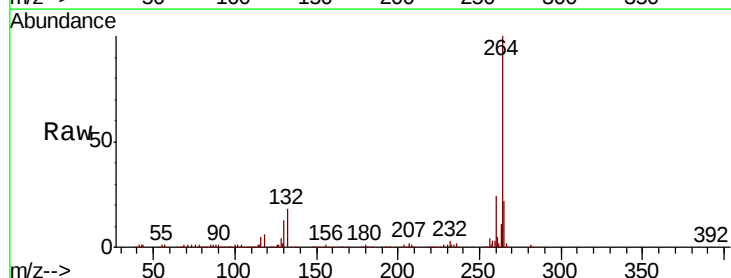
Delta R.T. 0.01 min

Lab File: BF115897.D

Acq: 1 Aug 2019 10:29

Tgt Ion:264 Resp: 358171

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
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

