

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
 Data File : BF116199.D
 Acq On : 12 Aug 2019 20:04
 Operator : HP/JU
 Sample : K4085-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-A

Quant Time: Aug 13 01:37:21 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	120670	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	468917	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	257108	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	497919	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	407816	20.00	ng	-0.01
87) Perylene-d12	15.46	264	360370	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	896774	124.41	ng	0.00
7) Phenol-d6	6.47	99	1057660	116.30	ng	-0.01
23) Nitrobenzene-d5	7.40	82	823518	101.37	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	392472	157.45	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1431860	104.31	ng	-0.02
79) Terphenyl-d14	12.94	244	1834710	94.80	ng	-0.01

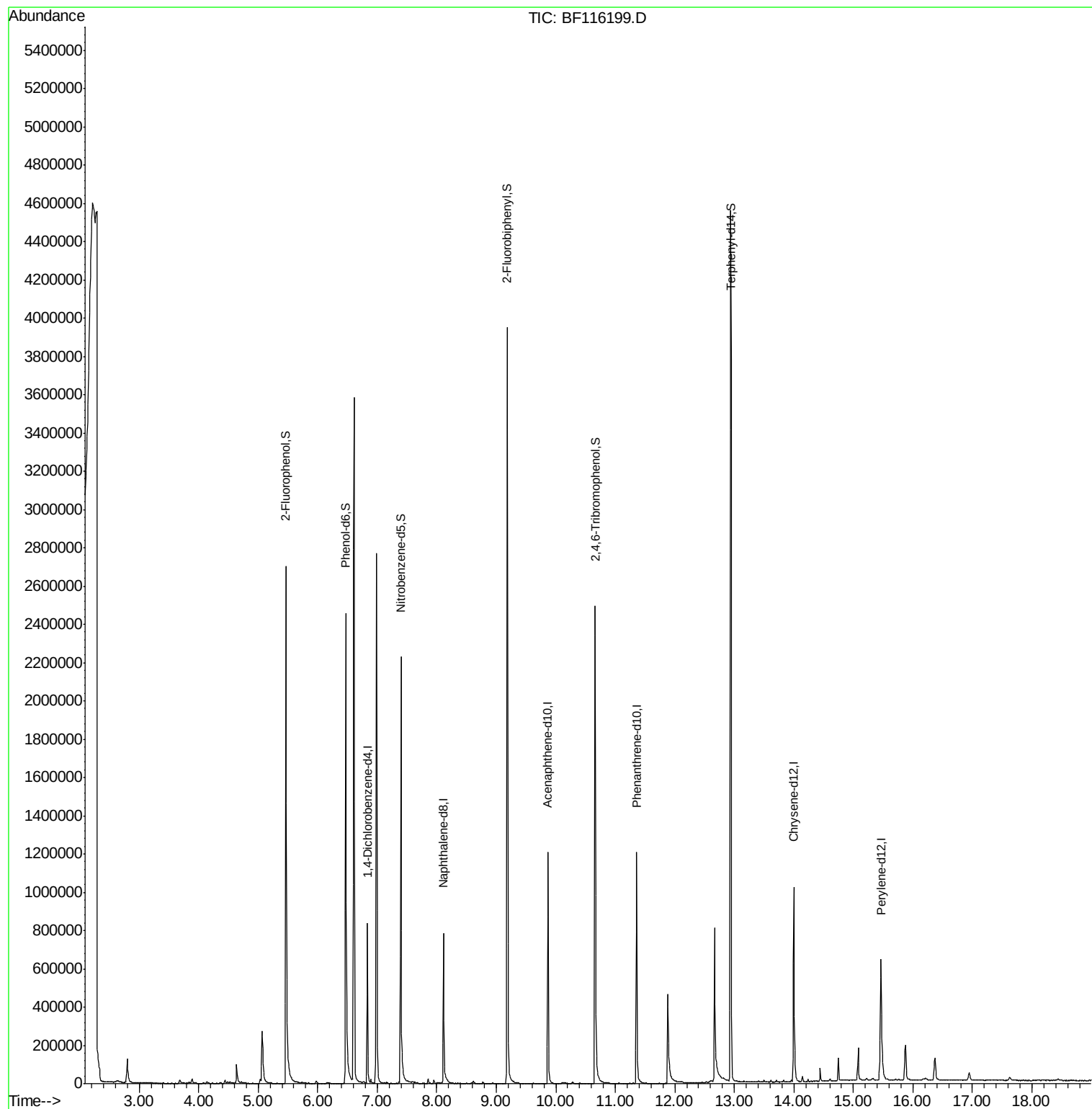
Target Compounds Qvalue

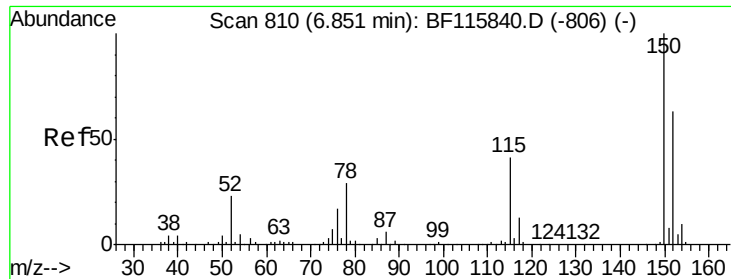
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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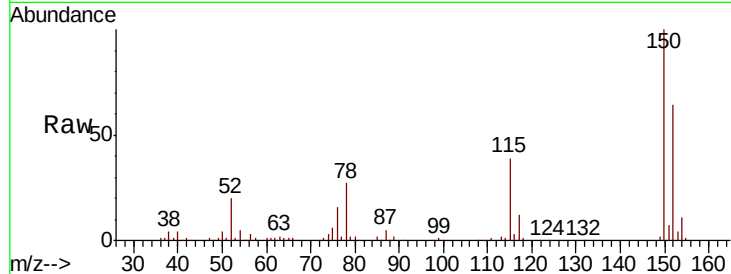


#1

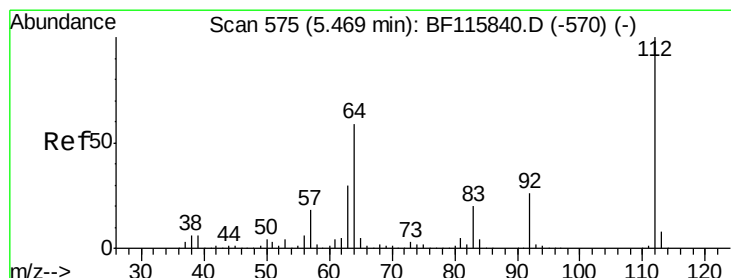
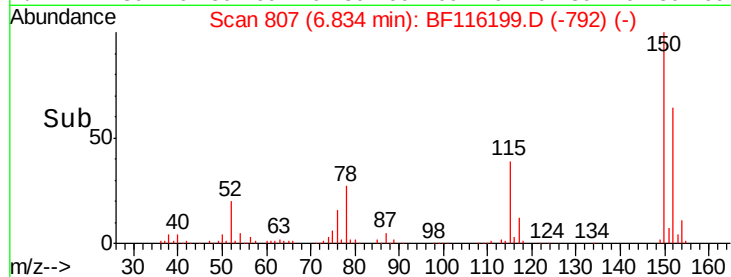
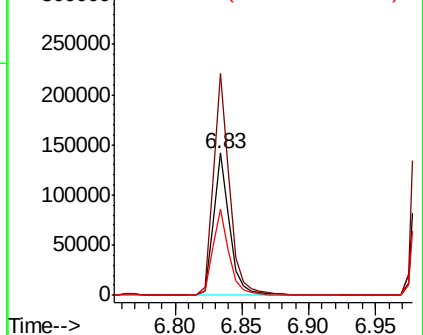
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116199.D
Acq: 12 Aug 2019 20:04

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-A

Tot Ion:152 Resp: 120670
Ion Ratio Lower Upper
152 100
150 156.4 126.2 189.2
115 61.1 49.9 74.9



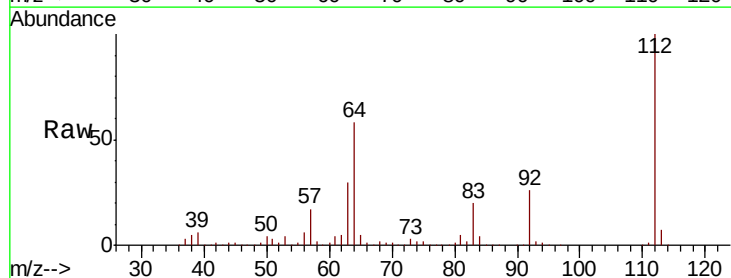
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



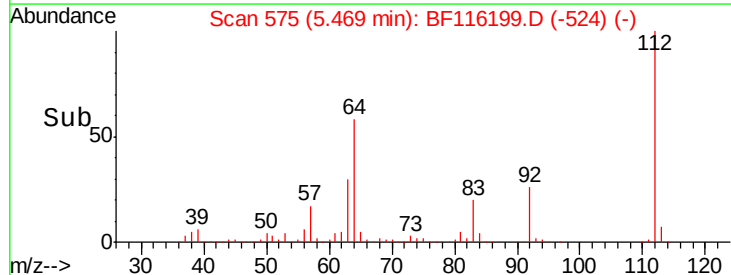
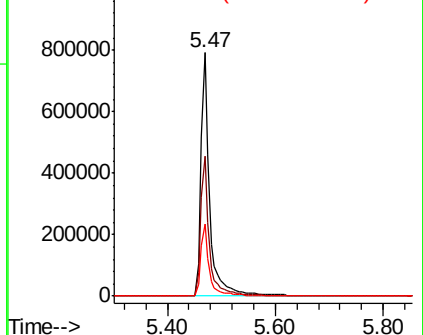
#5

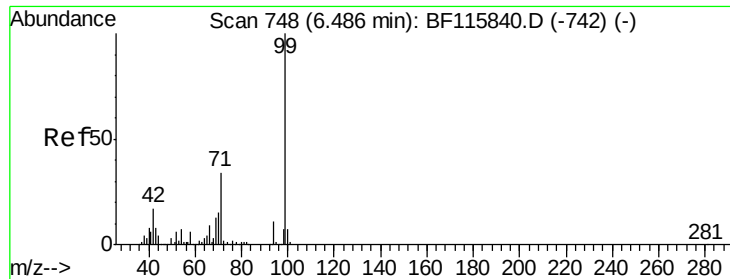
2-Fluorophenol
Concen: 124.410 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF116199.D
Acq: 12 Aug 2019 20:04

Tgt Ion:112 Resp: 896774
Ion Ratio Lower Upper
112 100
64 57.5 45.4 68.2
63 29.6 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: 116.297 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116199.D

Acq: 12 Aug 2019 20:04

Instrument :

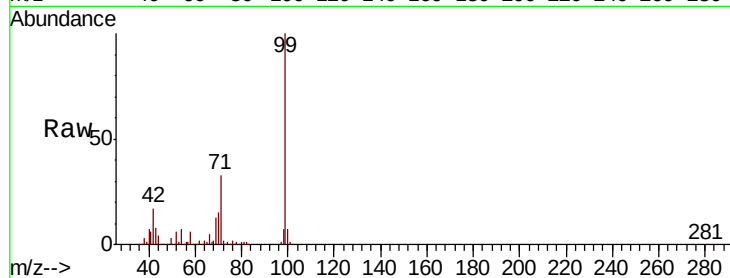
BNA_F

ClientSampleId :

HR-05-080919-A

Tot Ion: 99 Resp: 1057660

Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.8	20.8
71	33.4	27.3	40.9

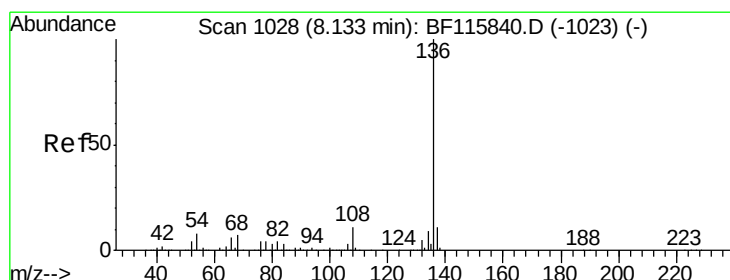
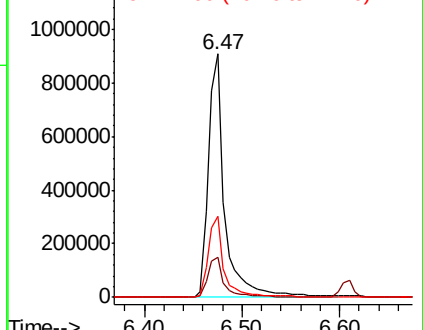
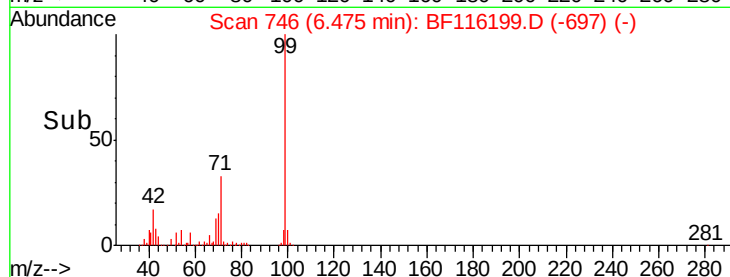


Abundance

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: 8.12 min Scan# 1025

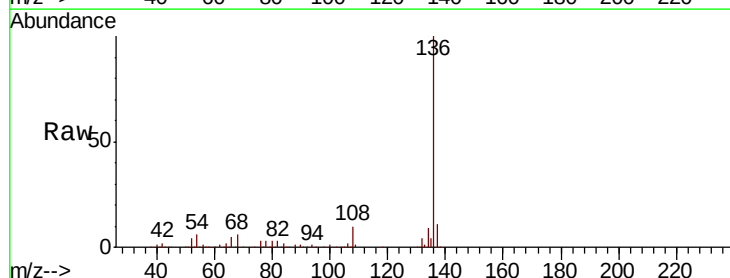
Delta R.T. -0.01 min

Lab File: BF116199.D

Acq: 12 Aug 2019 20:04

Tgt Ion: 136 Resp: 468917

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	6.3	5.8	8.6
68	5.6	5.2	7.8



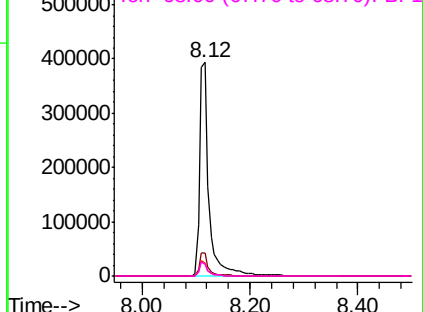
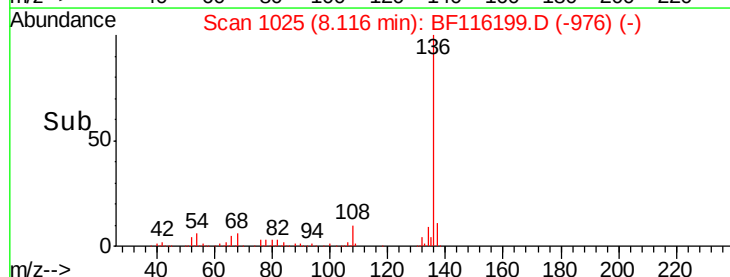
Abundance

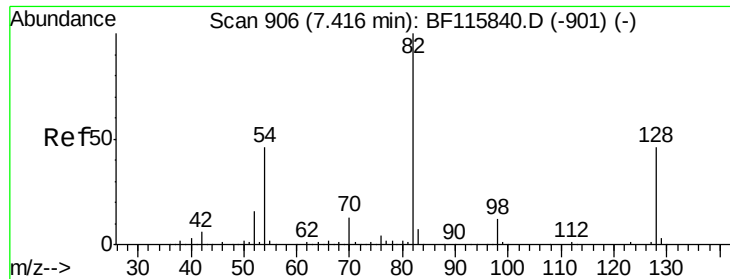
Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

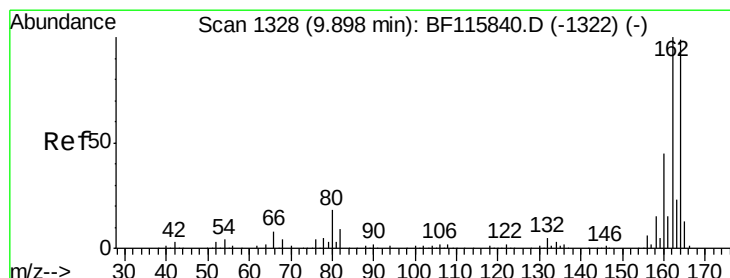
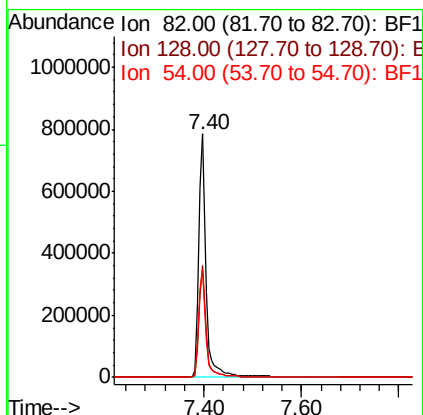
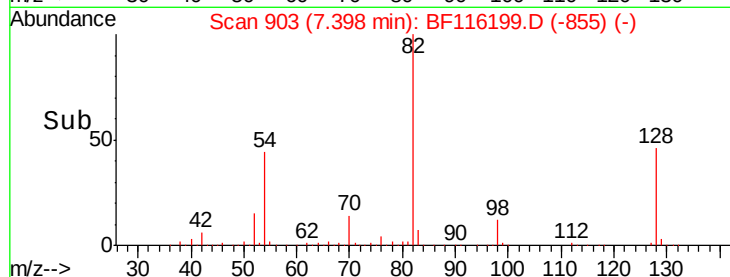
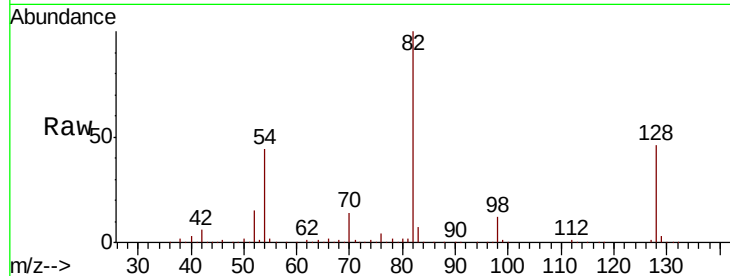




#23
 Nitrobenzene-d5
 Concen: 101.374 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF116199.D
 Acq: 12 Aug 2019 20:04

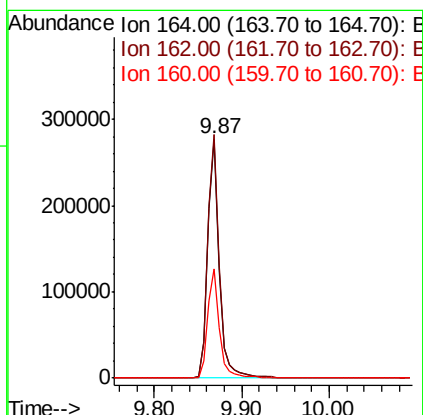
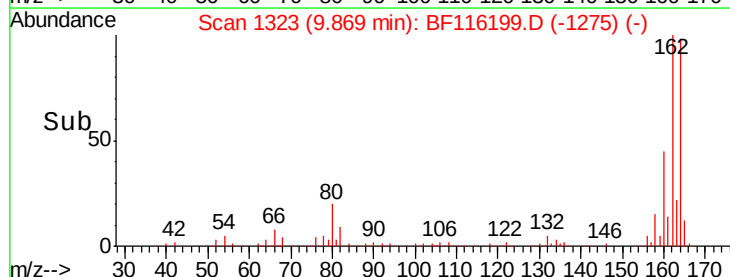
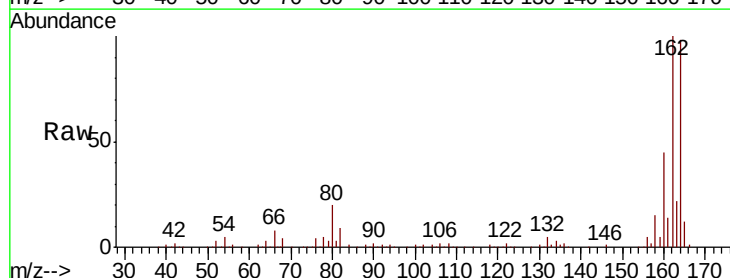
Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-A

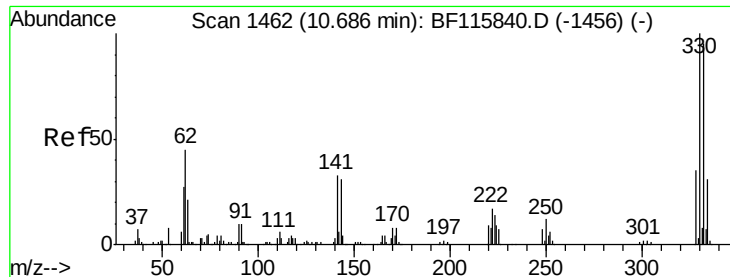
Tot Ion: 82 Resp: 823518
 Ion Ratio Lower Upper
 82 100
 128 45.7 36.5 54.7
 54 44.1 36.0 54.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116199.D
 Acq: 12 Aug 2019 20:04

Tgt Ion:164 Resp: 257108
 Ion Ratio Lower Upper
 164 100
 162 102.0 82.6 124.0
 160 45.6 37.6 56.4

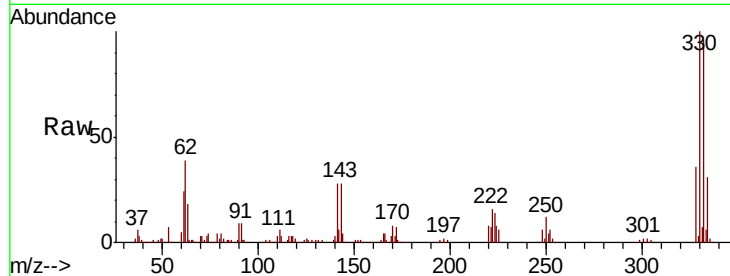




#42
 2,4,6-Tribromophenol
 Concen: 157.446 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116199.D
 Acq: 12 Aug 2019 20:04

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.8	115.2
141	32.7	26.3	39.5

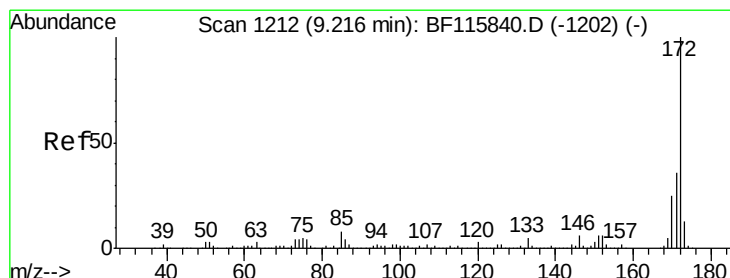
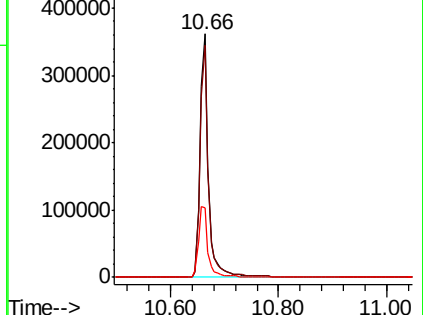
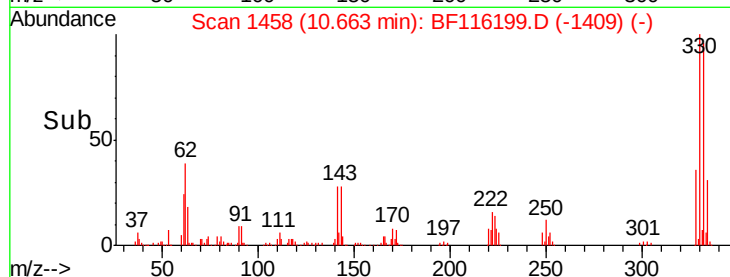


Abundance

Ion 329.80 (329.50 to 330.50): E

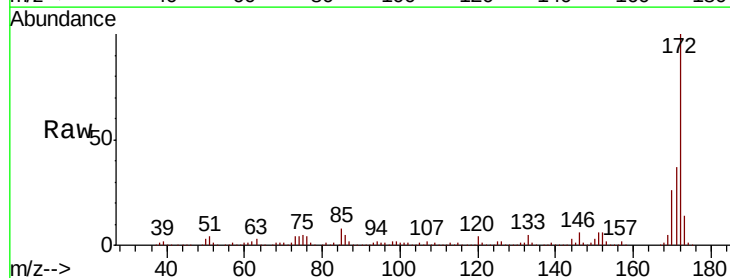
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 104.313 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF116199.D
 Acq: 12 Aug 2019 20:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.6	44.4
170	25.6	20.1	30.1

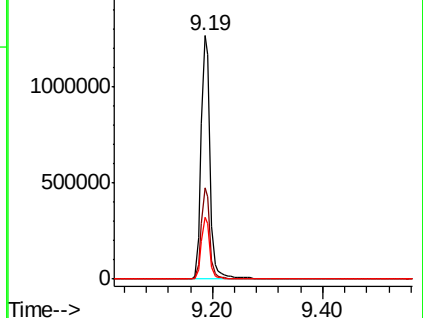
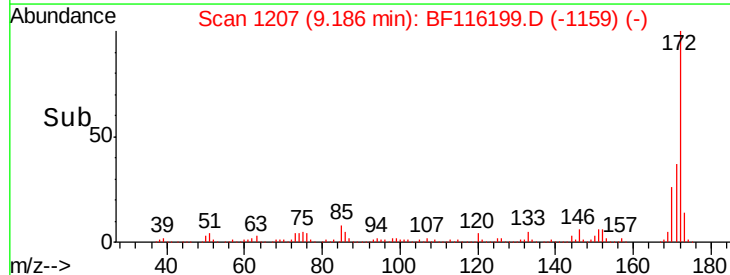


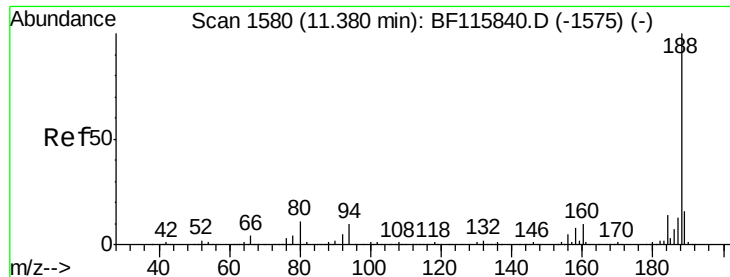
Abundance

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

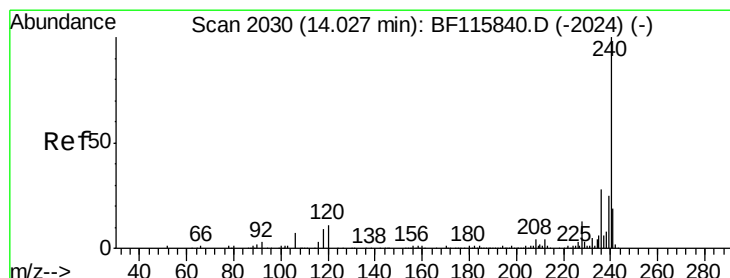
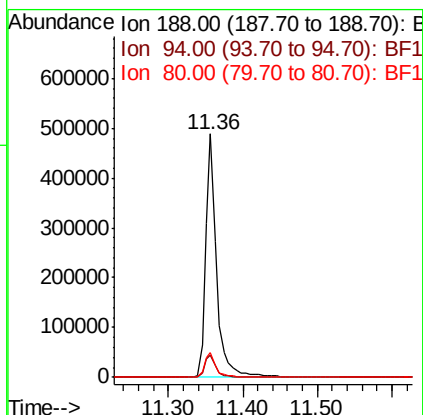
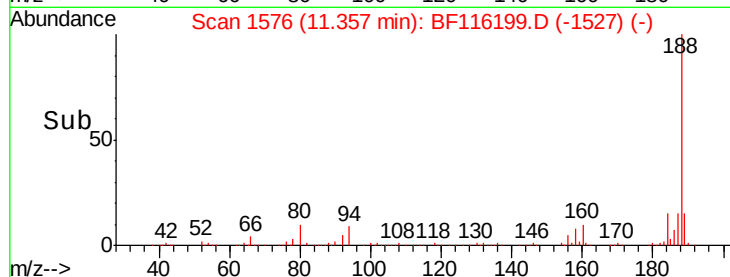
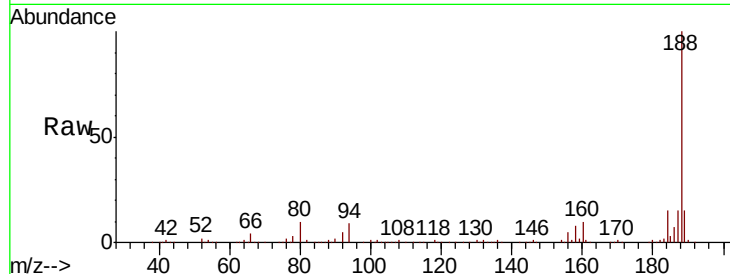




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116199.D
Acq: 12 Aug 2019 20:04

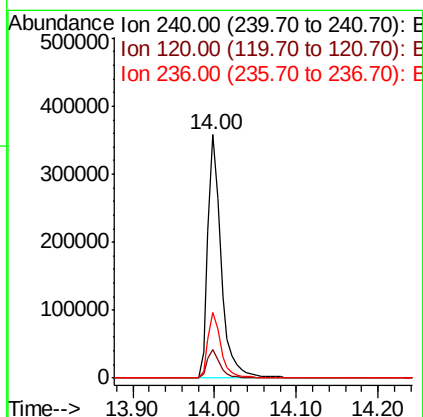
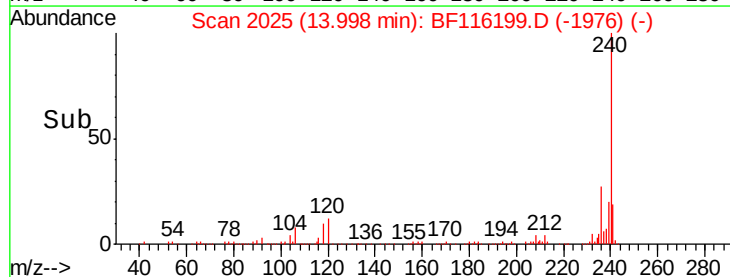
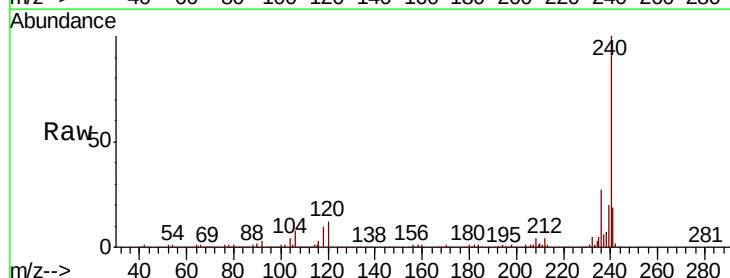
Instrument :
BNA_F
ClientSampleId :
HR-05-080919-A

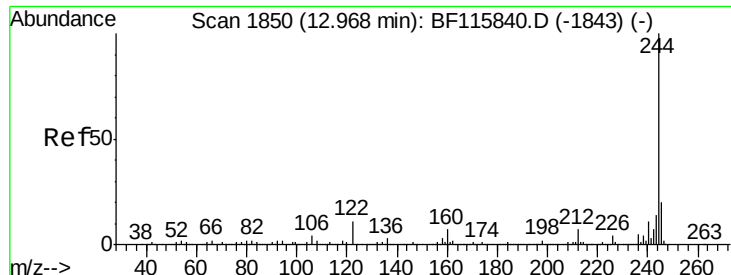
Tot Ion:188 Resp: 497919
Ion Ratio Lower Upper
188 100
94 9.2 8.1 12.1
80 10.0 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF116199.D
Acq: 12 Aug 2019 20:04

Tgt Ion:240 Resp: 407816
Ion Ratio Lower Upper
240 100
120 11.7 10.7 16.1
236 26.9 22.2 33.2





#79

Terphenyl-d14

Concen: 94.799 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116199.D

Acq: 12 Aug 2019 20:04

Instrument :

BNA_F

ClientSampleId :

HR-05-080919-A

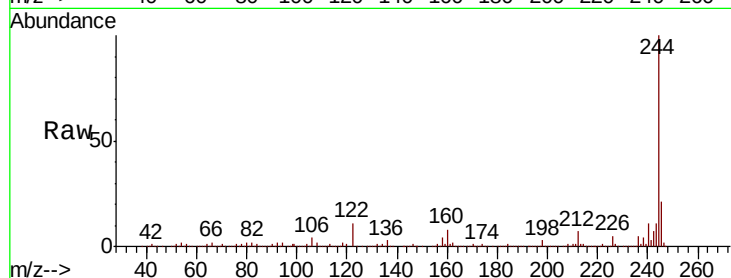
Tot Ion:244 Resp: 1834710

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

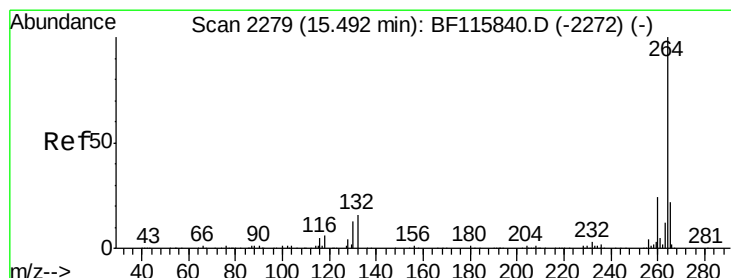
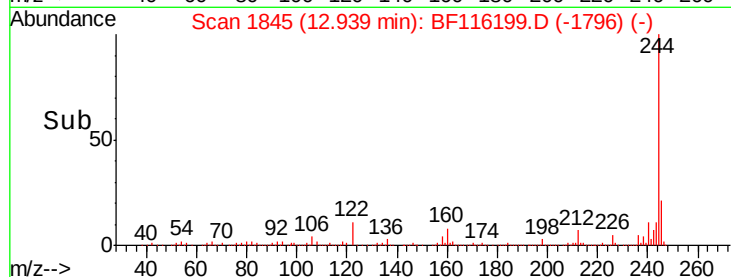
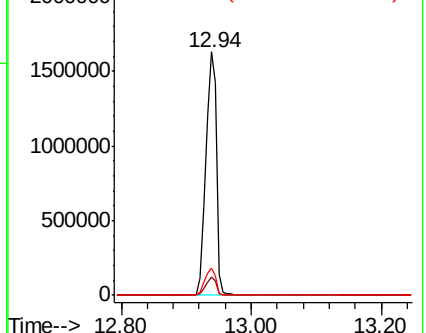
122 11.3 9.0 13.4



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: 15.46 min Scan# 2274

Delta R.T. -0.01 min

Lab File: BF116199.D

Acq: 12 Aug 2019 20:04

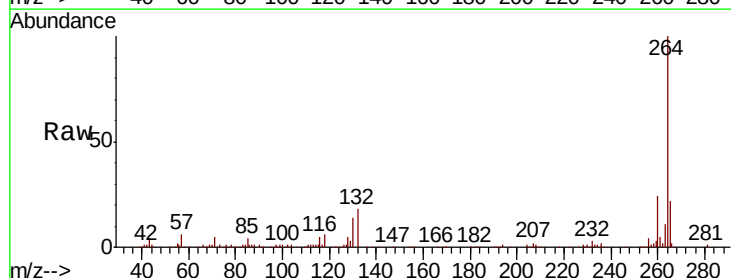
Tgt Ion:264 Resp: 360370

Ion Ratio Lower Upper

264 100

260 24.5 19.7 29.5

265 21.8 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

