

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
 Data File : BF116395.D
 Acq On : 19 Aug 2019 18:45
 Operator : HP/JU
 Sample : K4339-22
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T8-B1-(0-4)

Quant Time: Aug 20 02:02:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	94751	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	355220	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	192874	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	363120	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	348587	20.00	ng	-0.02
87) Perylene-d12	15.42	264	373473	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	767236	135.56	ng	0.00
7) Phenol-d6	6.45	99	909041	127.30	ng	-0.01
23) Nitrobenzene-d5	7.37	82	686418	111.54	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	312704	167.22	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	1168448	113.47	ng	-0.01
79) Terphenyl-d14	12.90	244	1527937	92.36	ng	-0.01

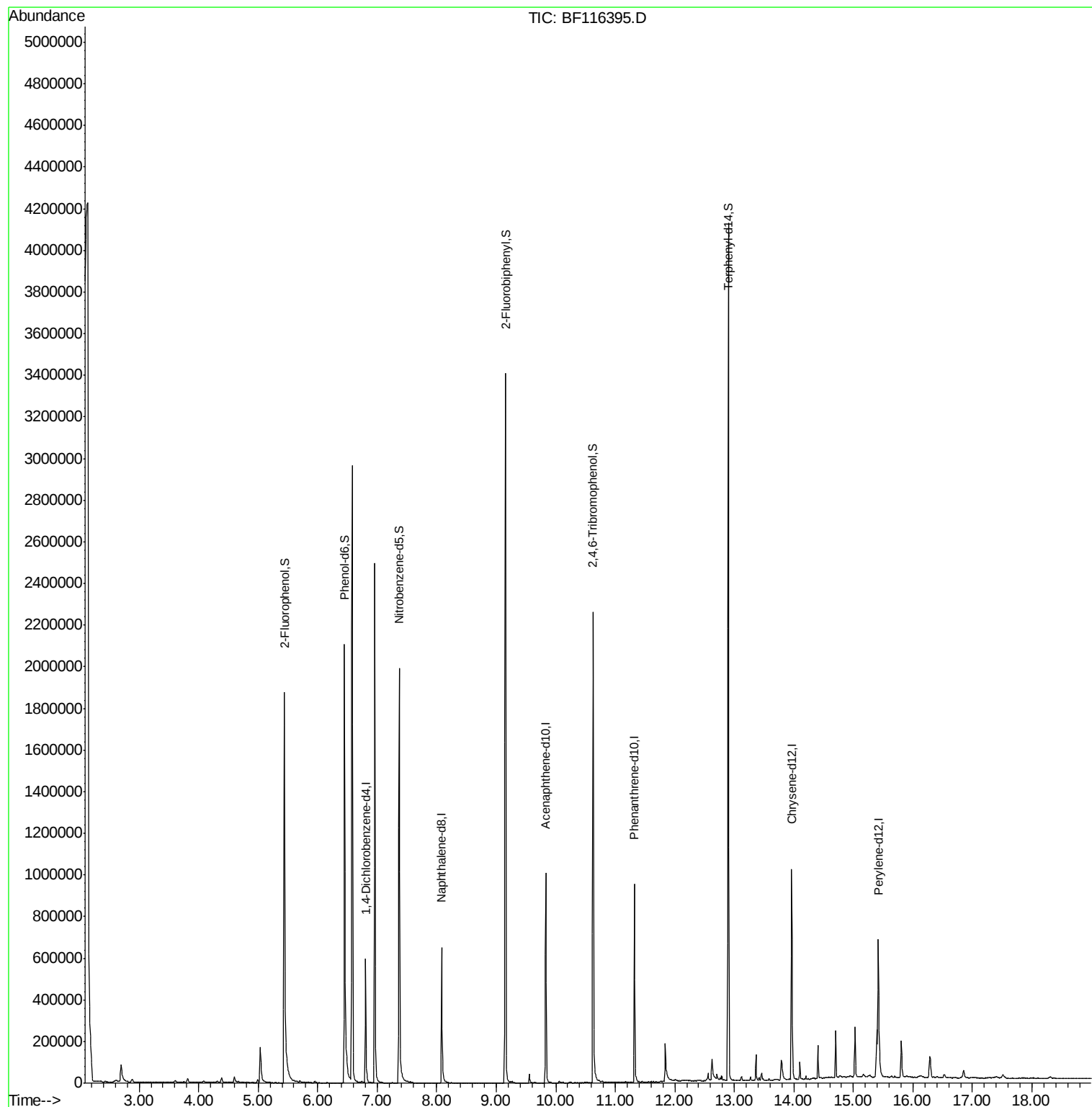
Target Compounds Qvalue

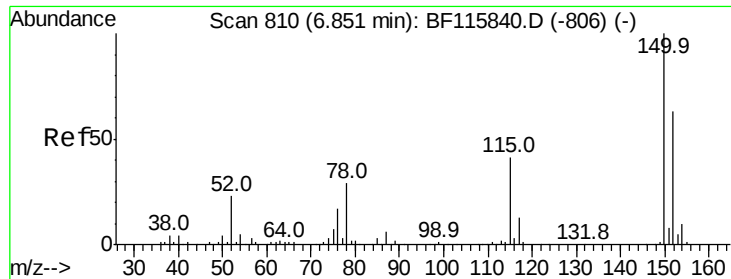
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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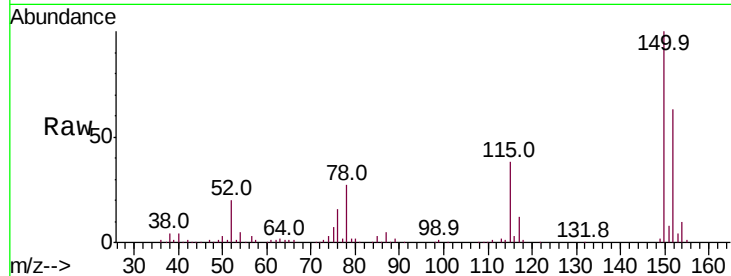


#1

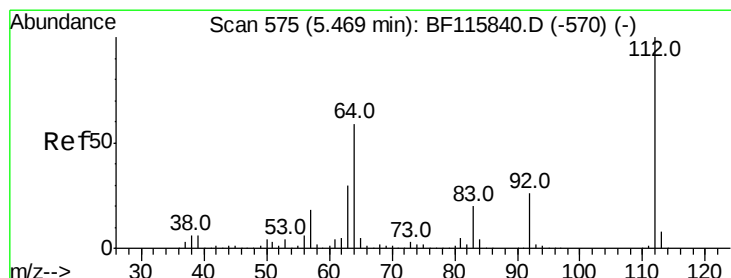
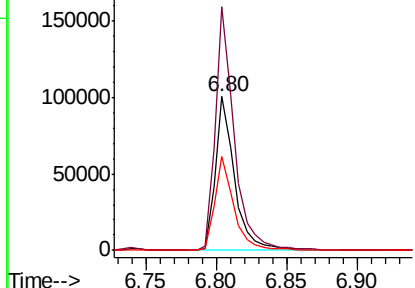
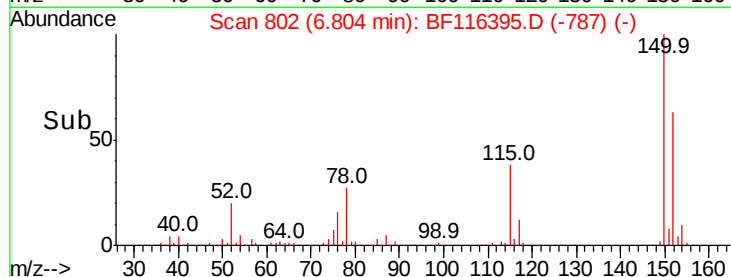
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF116395.D
 Acq: 19 Aug 2019 18:45

Instrument :
 BNA_F
 ClientSampleId :
 T8-B1-(0-4)

Tot Ion:152 Resp: 94751
 Ion Ratio Lower Upper
 152 100
 150 158.5 126.2 189.2
 115 60.8 49.9 74.9



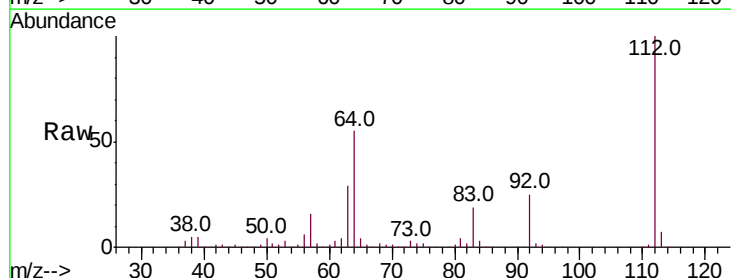
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



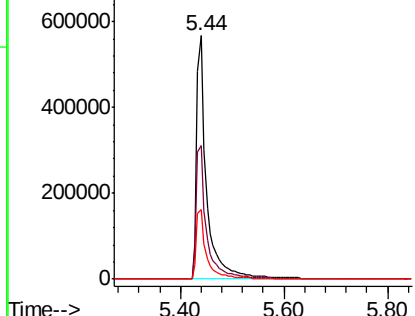
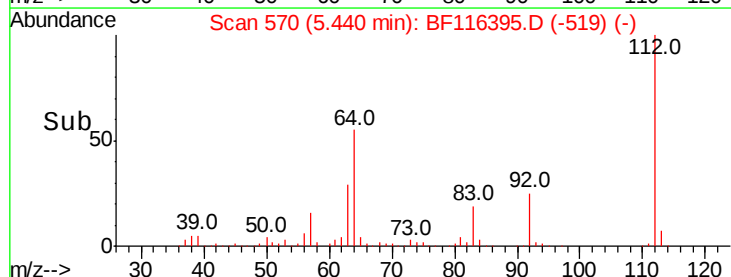
#5

2-Fluorophenol
 Concen: 135.555 ng
 RT: 5.44 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: BF116395.D
 Acq: 19 Aug 2019 18:45

Tgt Ion:112 Resp: 767236
 Ion Ratio Lower Upper
 112 100
 64 54.7 45.4 68.2
 63 28.6 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: 127.298 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF116395.D

Acq: 19 Aug 2019 18:45

Instrument :

BNA_F

ClientSampled :

T8-B1-(0-4)

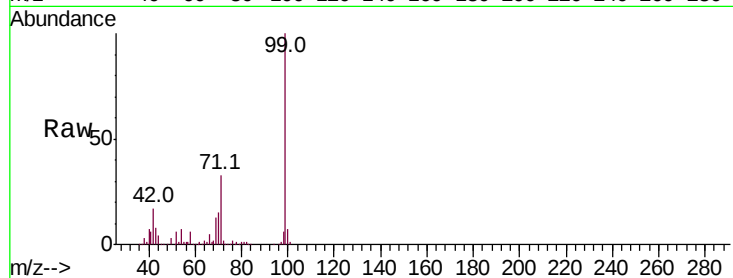
Tot Ion: 99 Resp: 909041

Ion Ratio Lower Upper

99 100

42 16.5 13.8 20.8

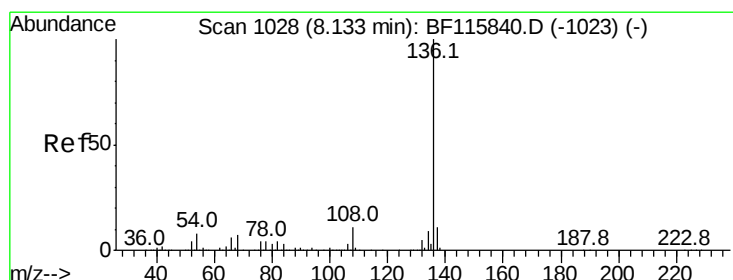
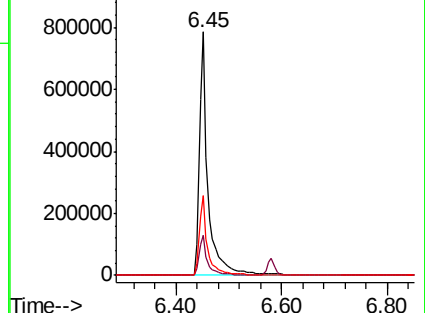
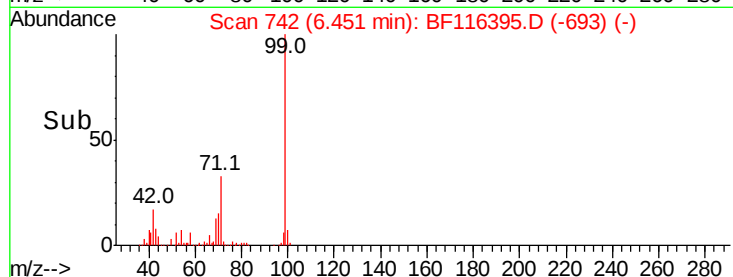
71 33.0 27.3 40.9



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: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF116395.D

Acq: 19 Aug 2019 18:45

Tgt Ion: 136 Resp: 355220

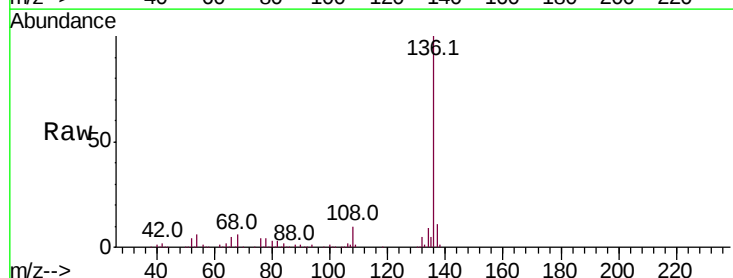
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.4

54 6.4 5.8 8.6

68 5.8 5.2 7.8

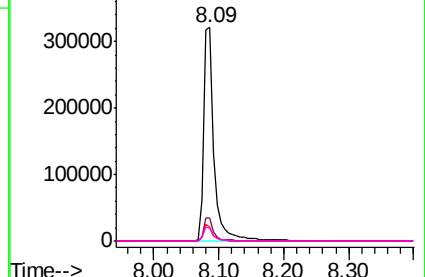
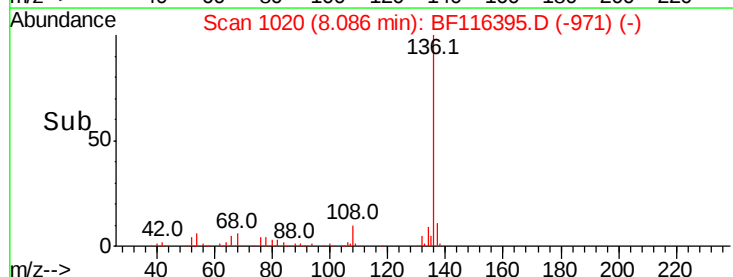


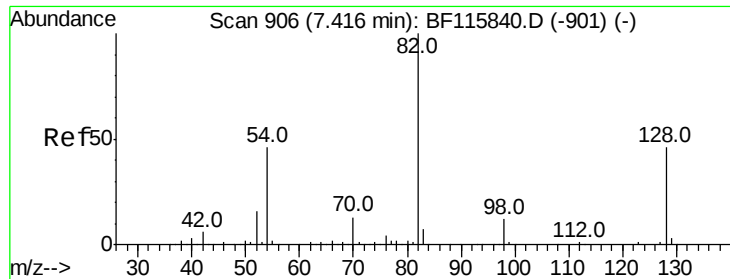
Abundance Ion 136.00 (135.70 to 136.70): E

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

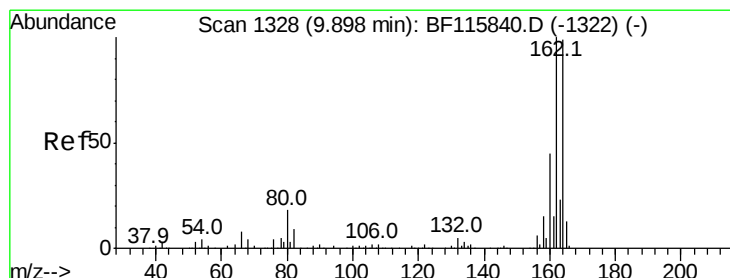
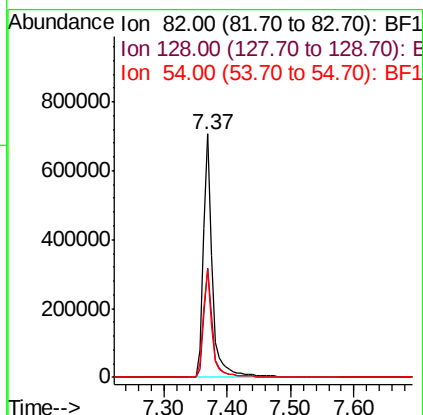
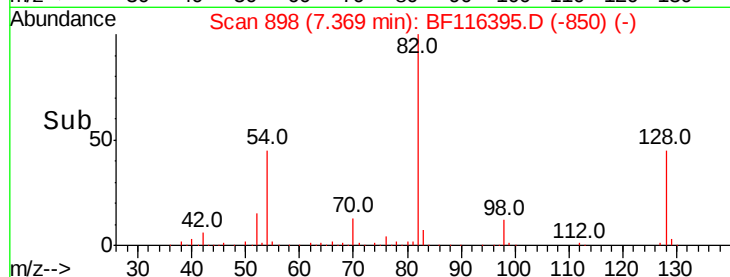
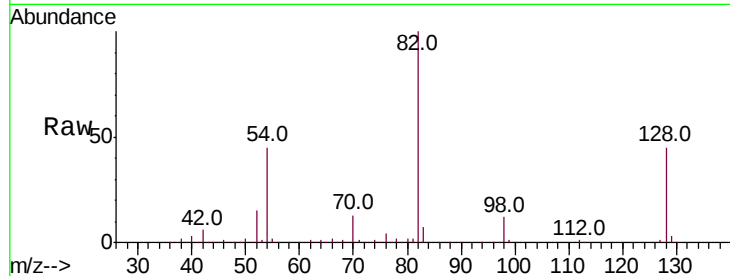




#23
Nitrobenzene-d5
Concen: 111.543 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF116395.D
Acq: 19 Aug 2019 18:45

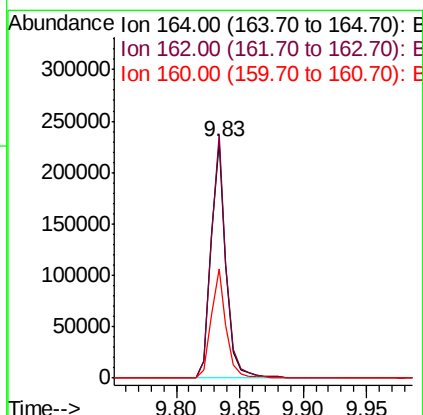
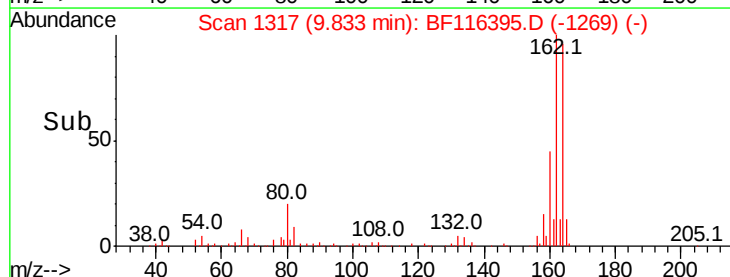
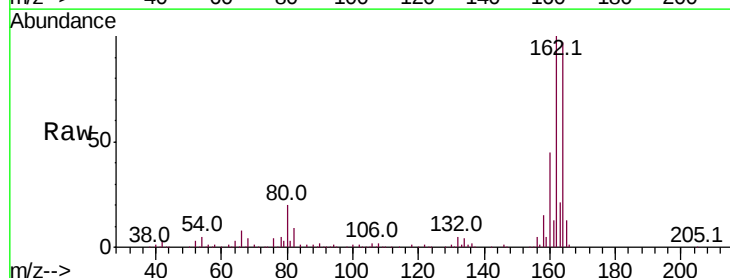
Instrument :
BNA_F
ClientSampleId :
T8-B1-(0-4)

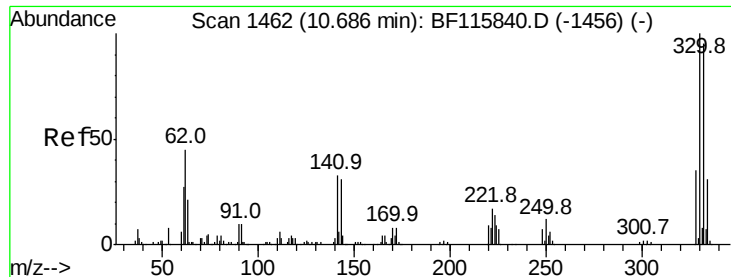
Tot Ion: 82 Resp: 686418
Ion Ratio Lower Upper
82 100
128 44.9 36.5 54.7
54 44.5 36.0 54.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BF116395.D
Acq: 19 Aug 2019 18:45

Tgt Ion:164 Resp: 192874
Ion Ratio Lower Upper
164 100
162 103.1 82.6 124.0
160 46.4 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 167.224 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.02 min

Lab File: BF116395.D

Acq: 19 Aug 2019 18:45

Instrument :

BNA_F

ClientSampleId :

T8-B1-(0-4)

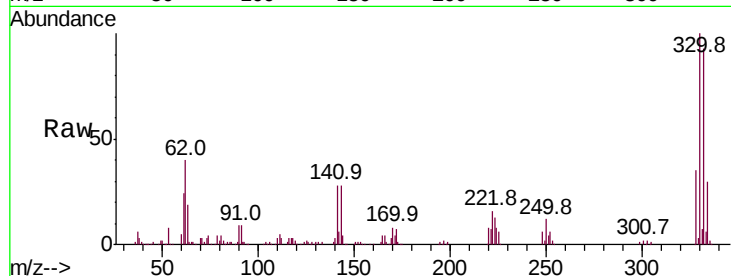
Tot Ion:330 Resp: 312704

Ion Ratio Lower Upper

330 100

332 95.3 76.8 115.2

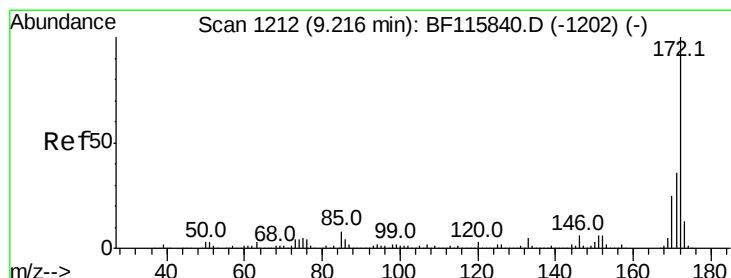
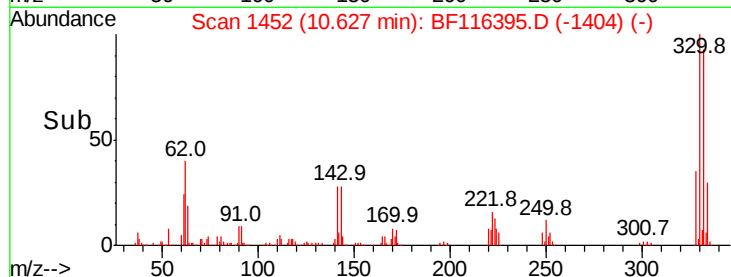
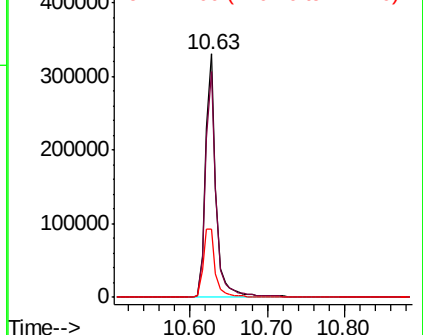
141 32.8 26.3 39.5



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: 113.472 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF116395.D

Acq: 19 Aug 2019 18:45

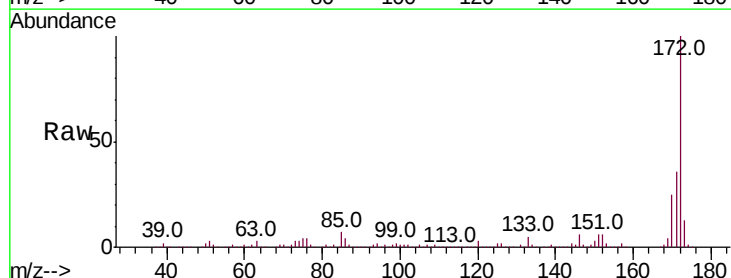
Tgt Ion:172 Resp: 1168448

Ion Ratio Lower Upper

172 100

171 36.5 29.6 44.4

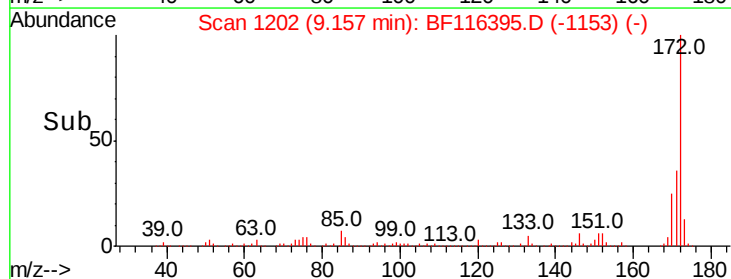
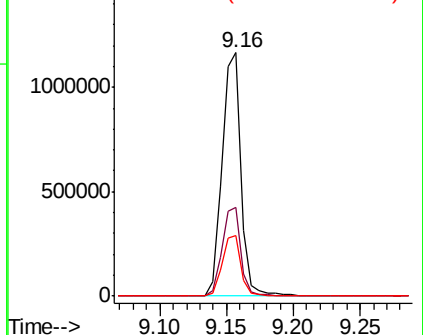
170 24.6 20.1 30.1

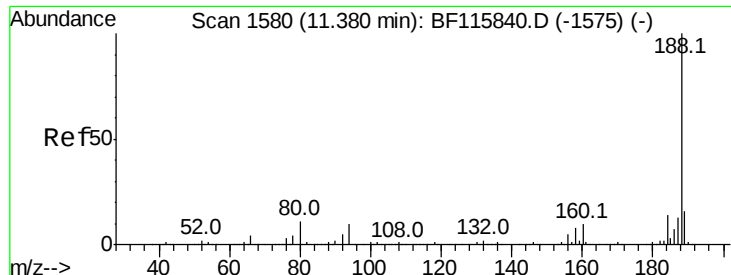


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

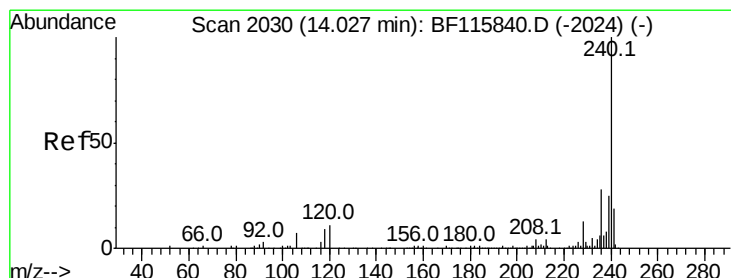
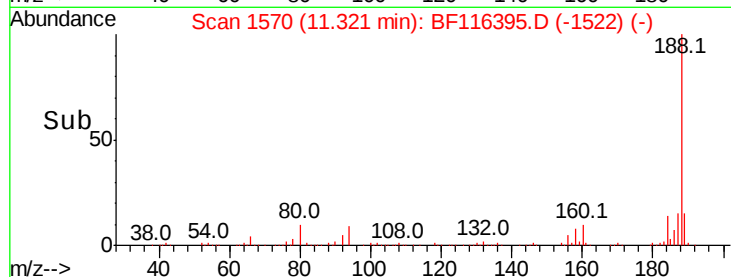
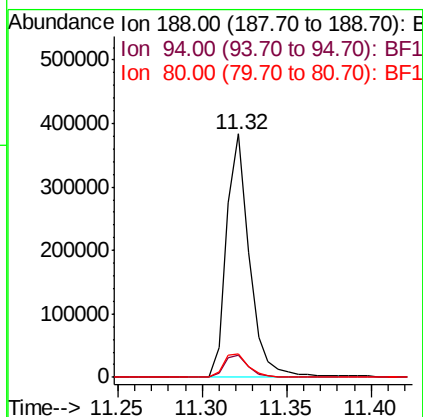
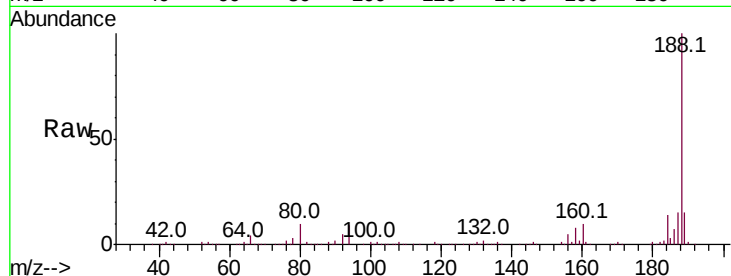




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF116395.D
Acq: 19 Aug 2019 18:45

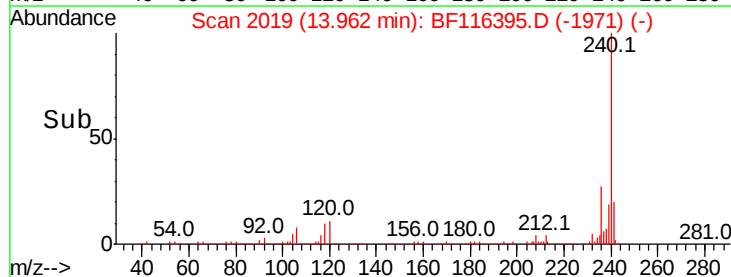
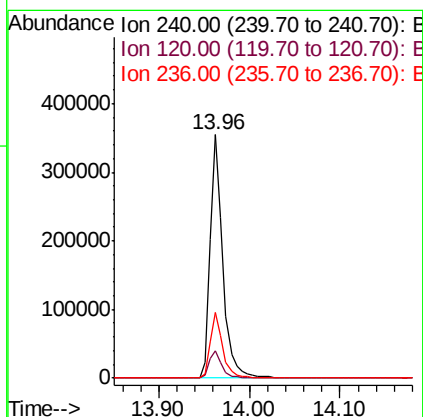
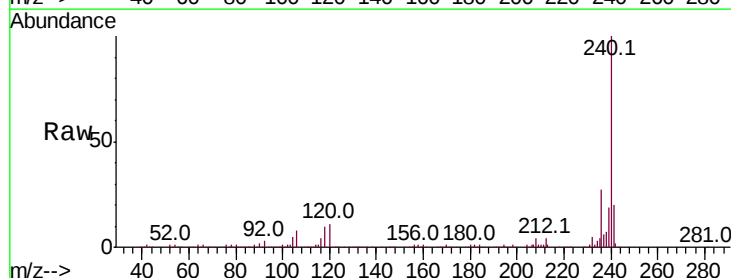
Instrument :
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T8-B1-(0-4)

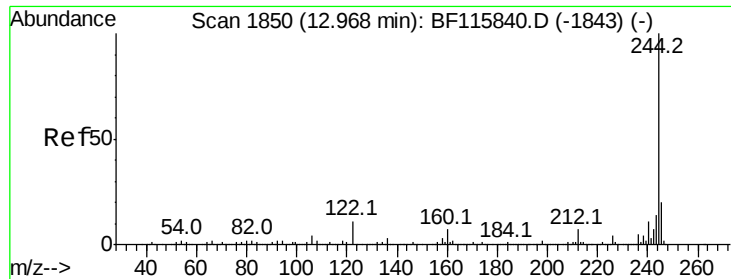
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.1	12.1
80	9.9	8.7	13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF116395.D
Acq: 19 Aug 2019 18:45

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.4	10.7	16.1
236	27.2	22.2	33.2





#79

Terphenyl-d14

Concen: 92.362 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF116395.D

Acq: 19 Aug 2019 18:45

Instrument :

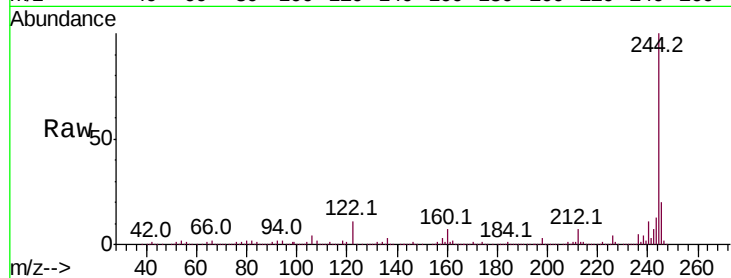
BNA_F

ClientSampleId :

T8-B1-(0-4)

Tot Ion:244 Resp: 1527937

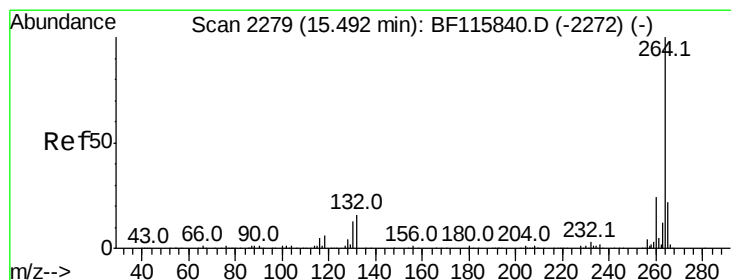
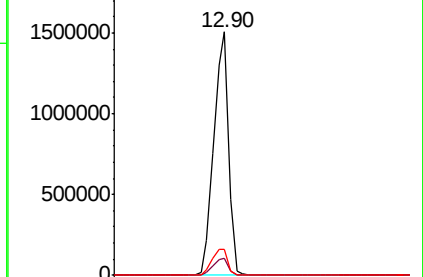
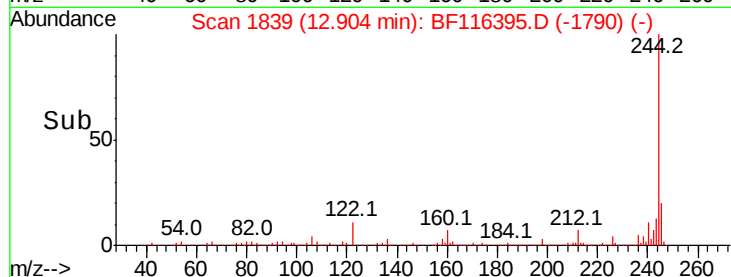
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	10.8	9.0	13.4



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: 15.42 min Scan# 2266

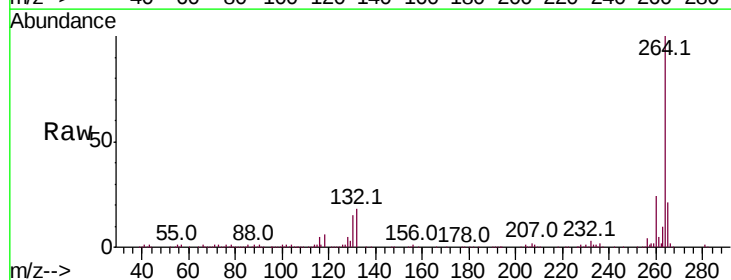
Delta R.T. -0.02 min

Lab File: BF116395.D

Acq: 19 Aug 2019 18:45

Tgt Ion:264 Resp: 373473

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.7	29.5
265	21.2	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

