

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060419\
 Data File : BF114805.D
 Acq On : 4 Jun 2019 21:40
 Operator : HP/JU
 Sample : K3135-01 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMP

Quant Time: Jun 05 04:53:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	233345	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	925035	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	473088	20.00	ng	-0.01
64) Phenanthrene-d10	11.16	188	1000752	20.00	ng	0.00
76) Chrysene-d12	13.78	240	795794	20.00	ng	-0.01
87) Perylene-d12	15.16	264	842579	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	260809	19.53	ng	-0.02
7) Phenol-d6	6.29	99	329834	20.30	ng	-0.02
23) Nitrobenzene-d5	7.22	82	181829	12.10	ng	-0.02
42) 2,4,6-Tribromophenol	10.47	330	96262	18.88	ng	-0.01
45) 2-Fluorobiphenyl	9.02	172	409944	16.23	ng	-0.01
79) Terphenyl-d14	12.74	244	500931	12.24	ng	-0.01

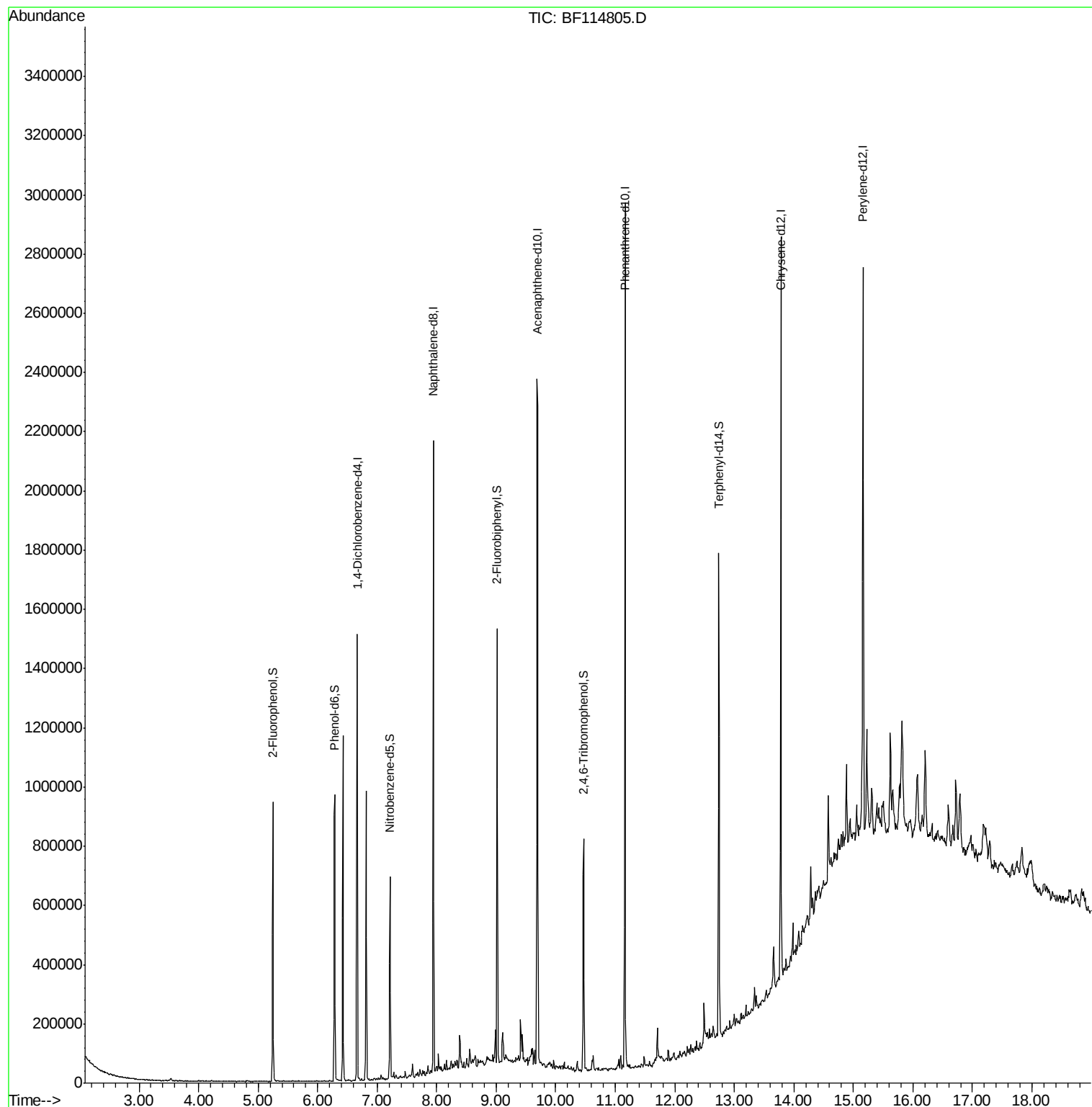
Target Compounds Qvalue

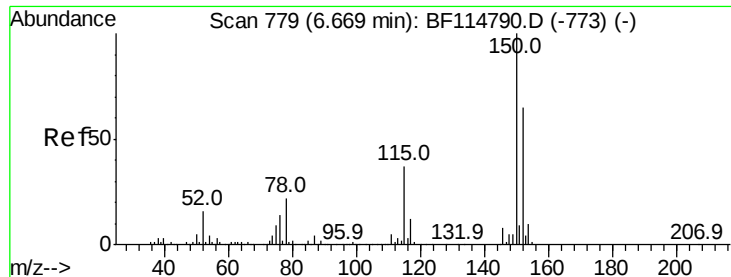
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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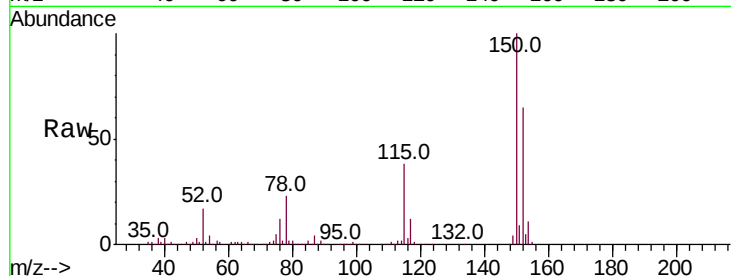


#1

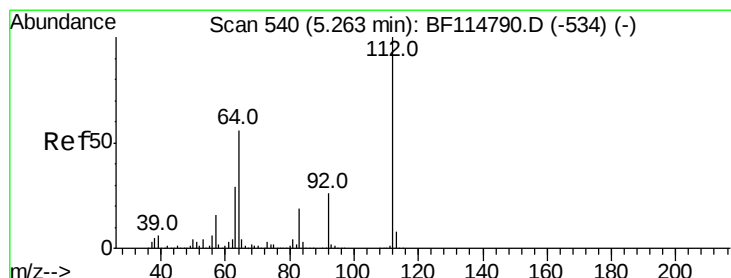
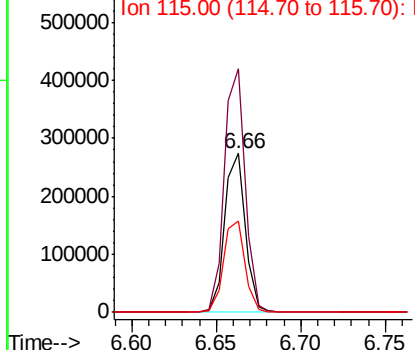
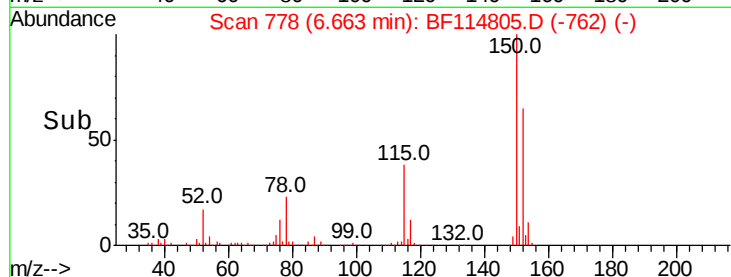
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF114805.D
Acq: 4 Jun 2019 21:40

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMP

Tot Ion:152 Resp: 233345
Ion Ratio Lower Upper
152 100
150 153.0 124.0 186.0
115 57.7 46.3 69.5



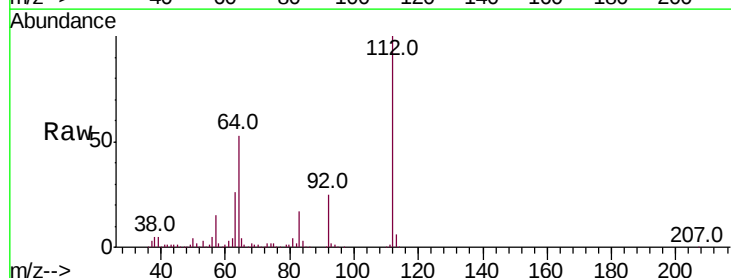
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



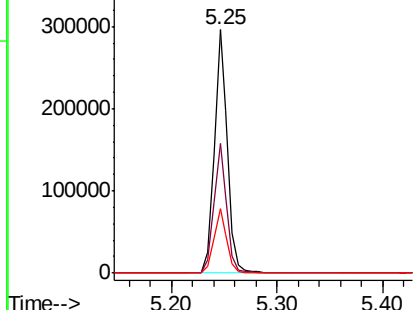
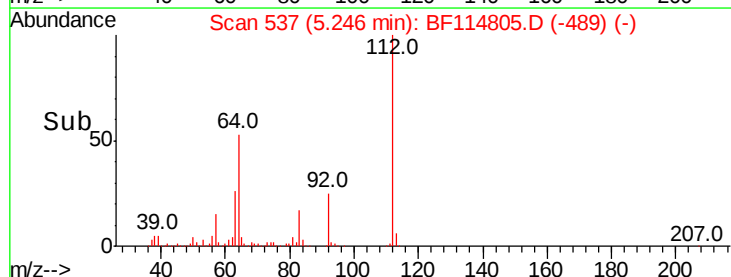
#5

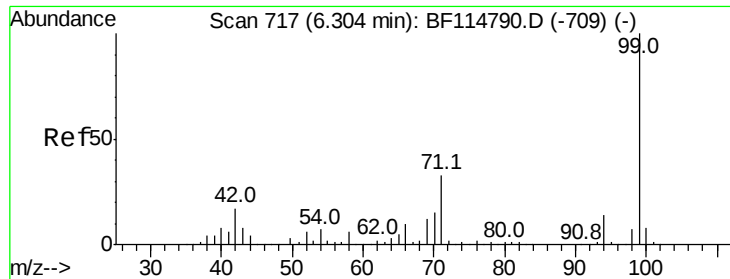
2-Fluorophenol
Concen: 19.530 ng
RT: 5.25 min Scan# 537
Delta R.T. -0.02 min
Lab File: BF114805.D
Acq: 4 Jun 2019 21:40

Tgt Ion:112 Resp: 260809
Ion Ratio Lower Upper
112 100
64 53.0 44.6 66.8
63 26.3 23.0 34.4



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: 20.298 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.02 min

Lab File: BF114805.D

Acq: 4 Jun 2019 21:40

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMP

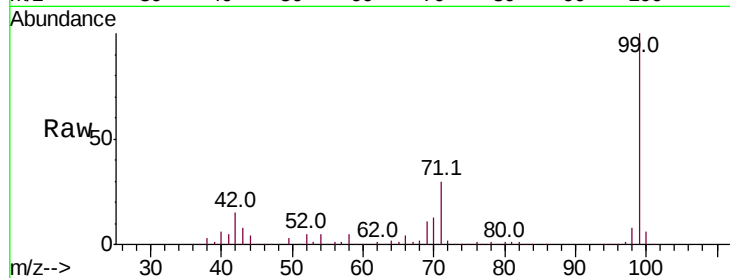
Tot Ion: 99 Resp: 329834

Ion Ratio Lower Upper

99 100

42 14.9 13.3 19.9

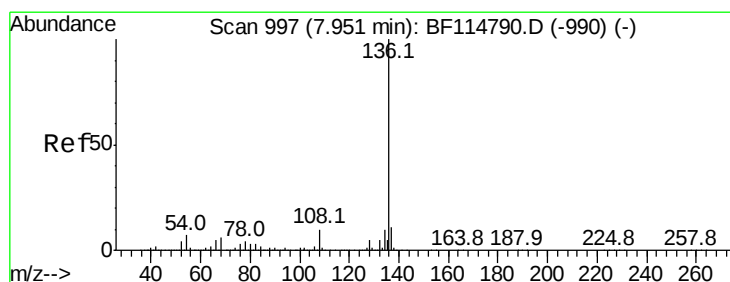
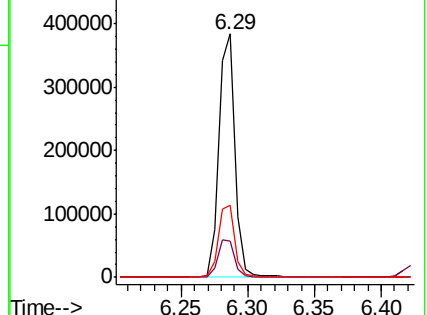
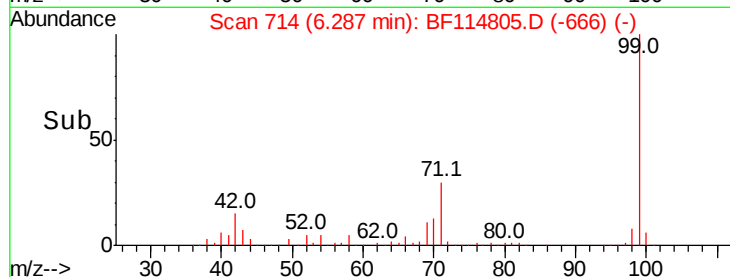
71 29.6 26.3 39.5



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: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF114805.D

Acq: 4 Jun 2019 21:40

Tgt Ion: 136 Resp: 925035

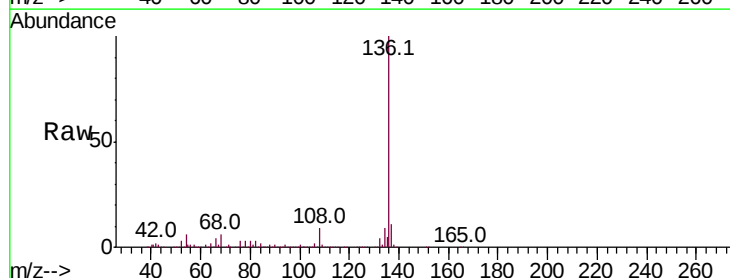
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 5.9 5.4 8.0

68 5.5 4.6 6.8

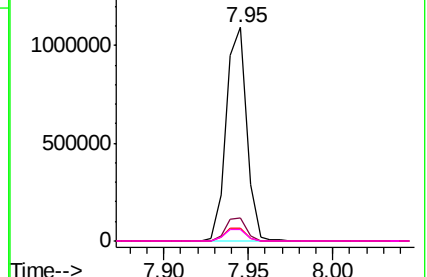
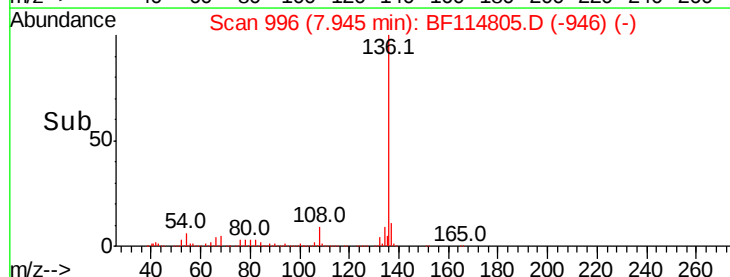


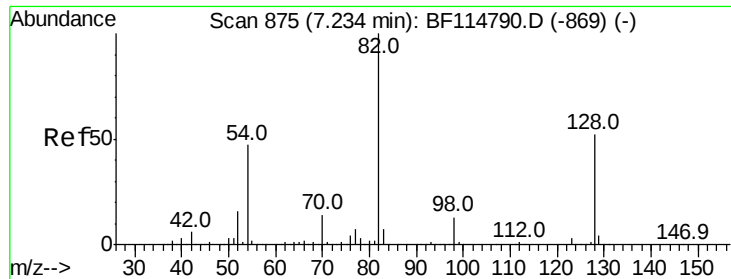
Abundance Ion 136.00 (135.70 to 136.70): E

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

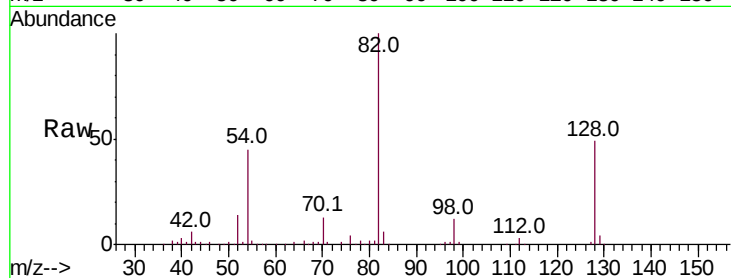




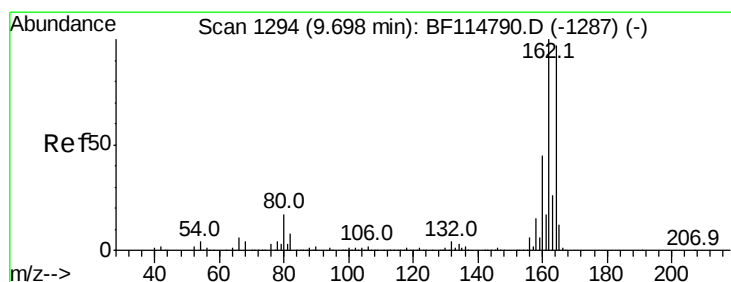
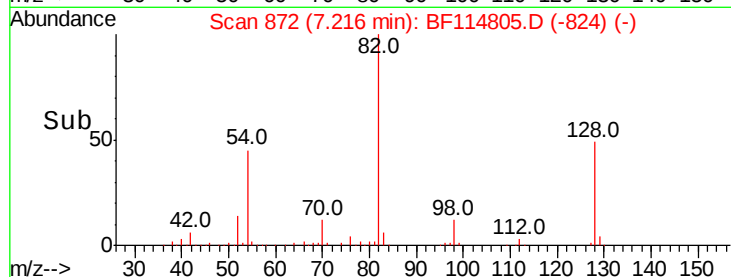
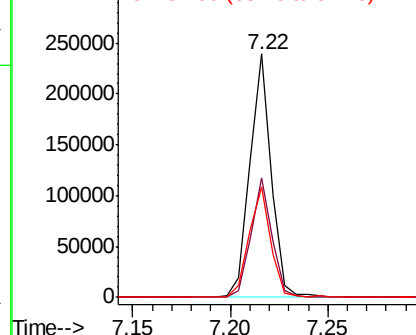
#23
 Nitrobenzene-d5
 Concen: 12.100 ng
 RT: 7.22 min Scan# 872
 Delta R.T. -0.02 min
 Lab File: BF114805.D
 Acq: 4 Jun 2019 21:40

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMP

Tot Ion	82	Resp	181829
Ion Ratio	100	Lower	Upper
128	48.9	41.8	62.6
54	45.3	37.9	56.9

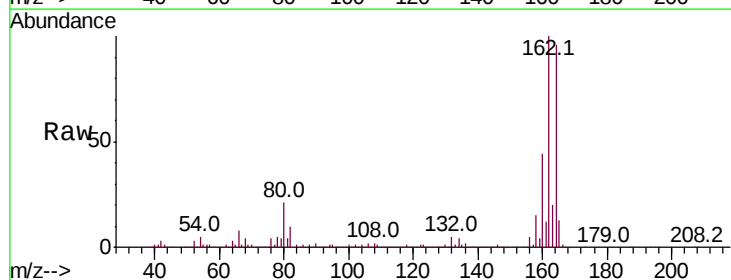


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

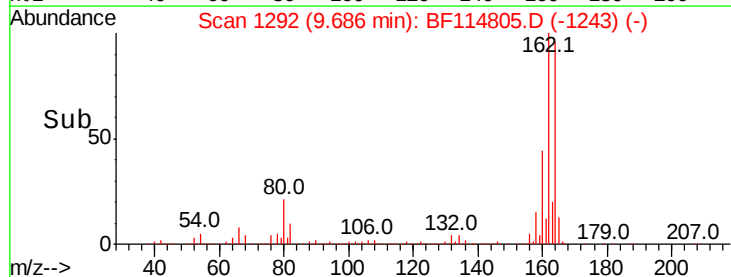
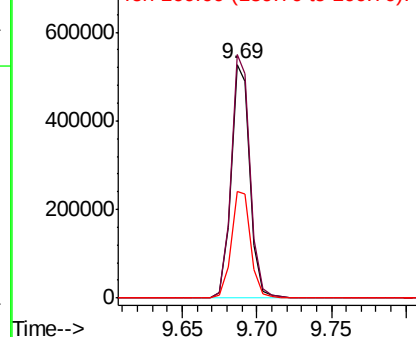


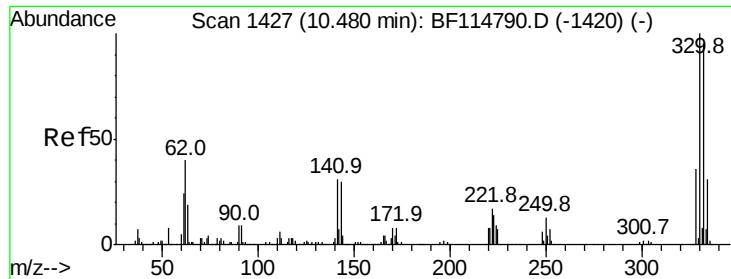
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BF114805.D
 Acq: 4 Jun 2019 21:40

Tgt Ion	164	Resp	473088
Ion Ratio	100	Lower	Upper
162	104.3	82.3	123.5
160	45.6	36.7	55.1



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 18.881 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BF114805.D

Acq: 4 Jun 2019 21:40

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMP

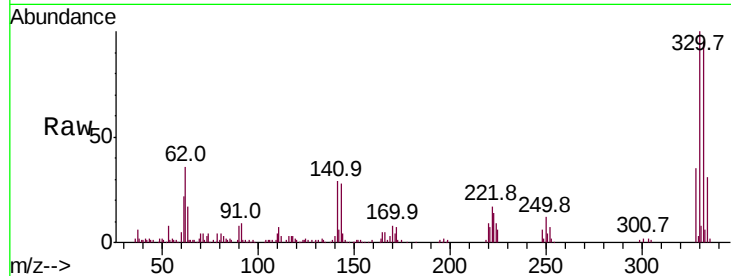
Tot Ion:330 Resp: 96262

Ion Ratio Lower Upper

330 100

332 94.1 77.3 115.9

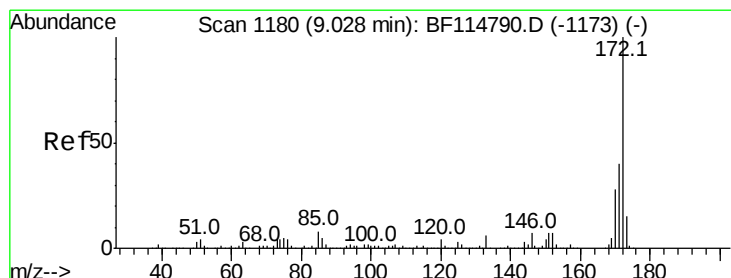
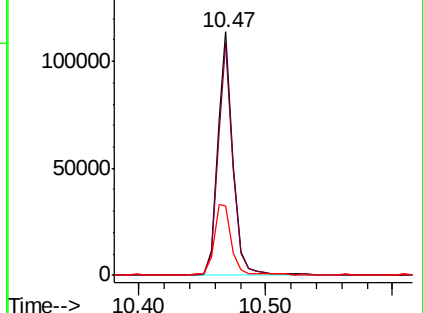
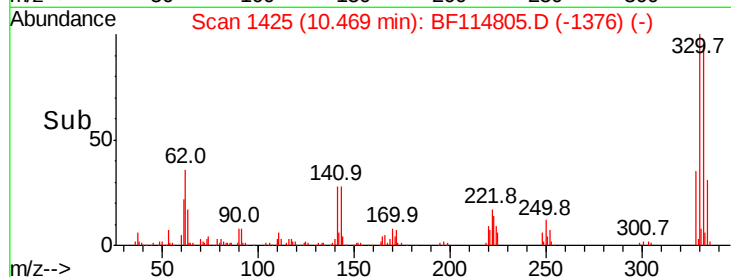
141 35.4 26.2 39.4



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: 16.232 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF114805.D

Acq: 4 Jun 2019 21:40

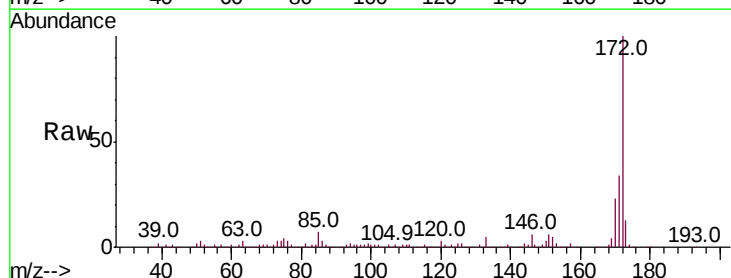
Tgt Ion:172 Resp: 409944

Ion Ratio Lower Upper

172 100

171 34.4 32.3 48.5

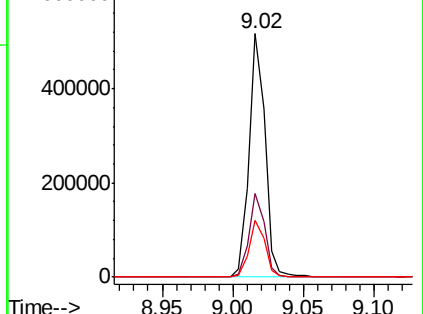
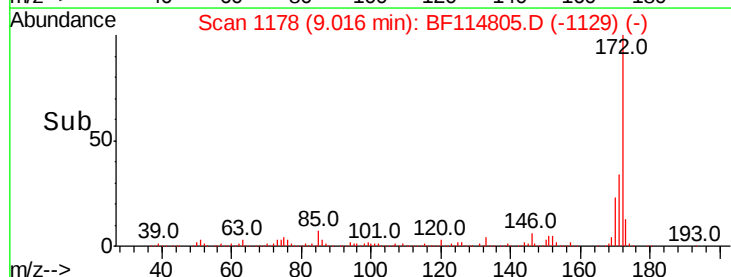
170 23.2 22.4 33.6

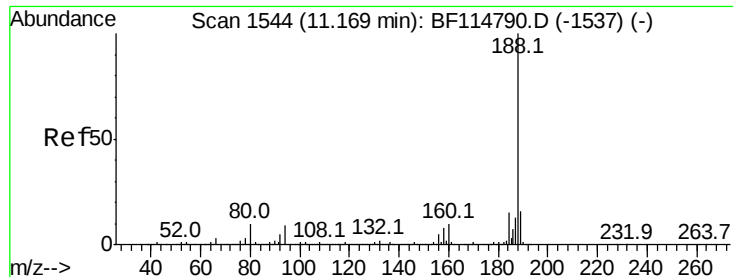


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

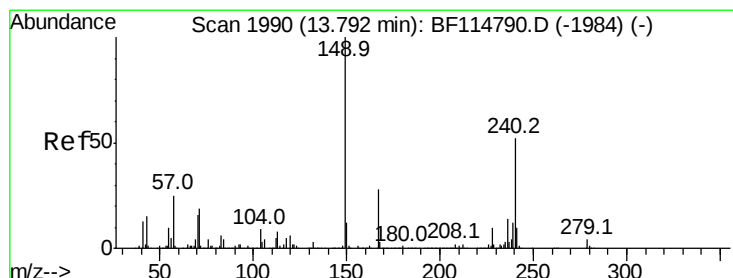
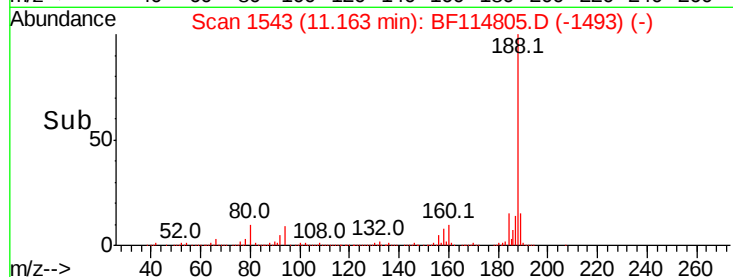
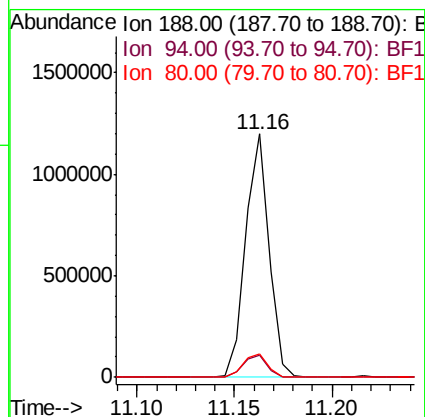
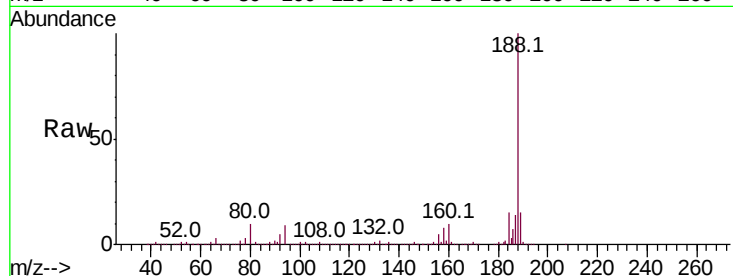




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF114805.D
Acq: 4 Jun 2019 21:40

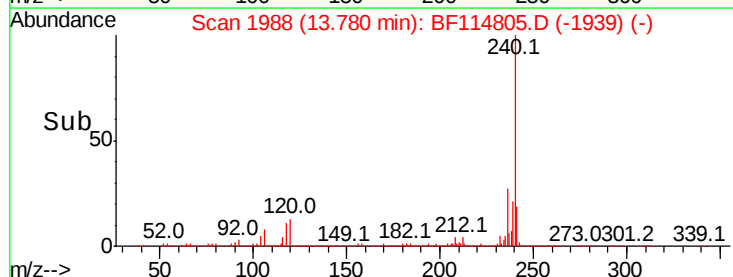
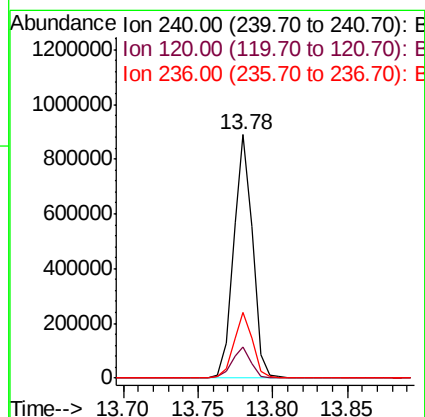
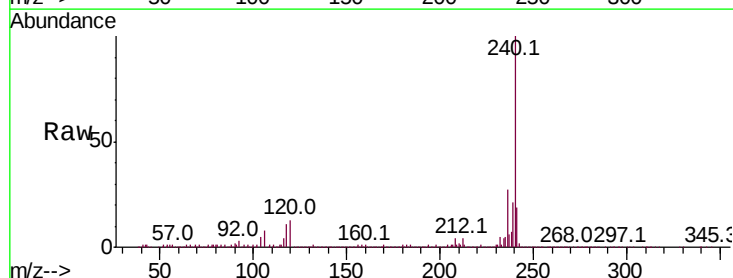
Instrument :
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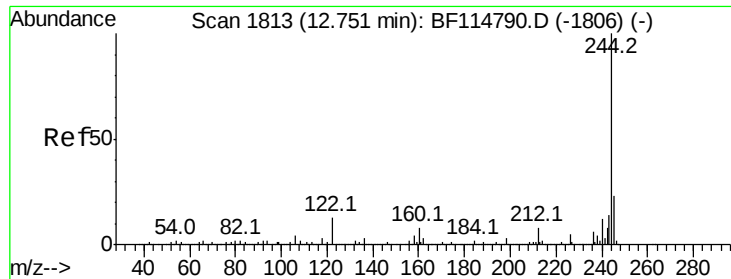
Tot Ion:188 Resp: 1000752
Ion Ratio Lower Upper
188 100
94 9.2 7.6 11.4
80 9.7 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.78 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF114805.D
Acq: 4 Jun 2019 21:40

Tgt Ion:240 Resp: 795794
Ion Ratio Lower Upper
240 100
120 12.7 9.0 13.4
236 26.7 21.4 32.0

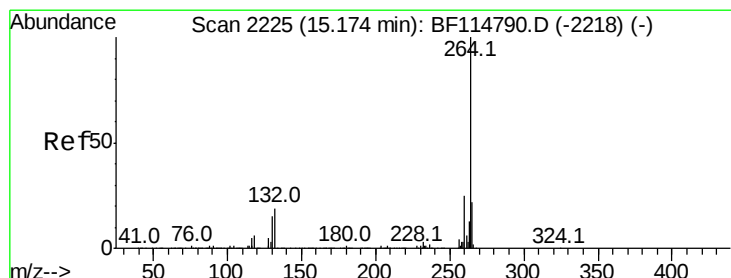
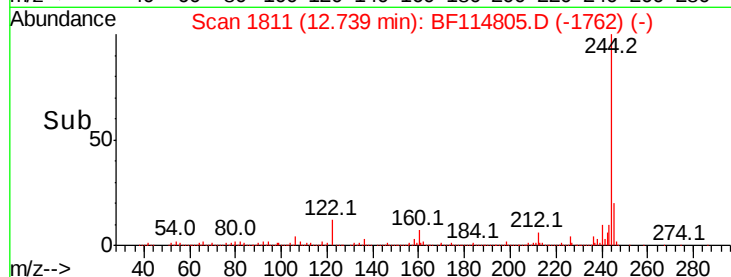
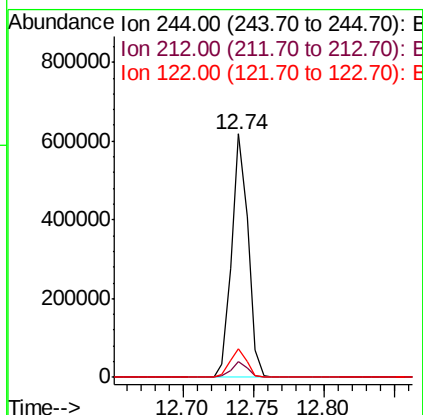
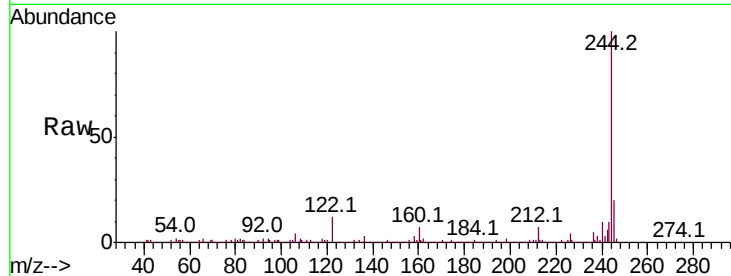




#79
 Terphenyl-d14
 Concen: 12.242 ng
 RT: 12.74 min Scan# 1811
 Delta R.T. -0.01 min
 Lab File: BF114805.D
 Acq: 4 Jun 2019 21:40

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMP

Tot Ion:244 Resp: 500931
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.5 9.7
 122 11.8 10.5 15.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.16 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF114805.D
 Acq: 4 Jun 2019 21:40

Tgt Ion:264 Resp: 842579
 Ion Ratio Lower Upper
 264 100
 260 24.6 20.1 30.1
 265 21.7 17.7 26.5

