

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060719\
 Data File : BF114895.D
 Acq On : 7 Jun 2019 13:40
 Operator : HP/JU
 Sample : K3198-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-DPC-81626-FB-08

Quant Time: Jun 08 05:48:01 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	247421	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	936852	20.00	ng	-0.01
39) Acenaphthene-d10	9.68	164	454352	20.00	ng	-0.02
64) Phenanthrene-d10	11.16	188	888599	20.00	ng	-0.01
76) Chrysene-d12	13.79	240	627132	20.00	ng	0.00
87) Perylene-d12	15.22	264	633109	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	929457	65.64	ng	0.00
7) Phenol-d6	6.29	99	1144643	66.43	ng	-0.01
23) Nitrobenzene-d5	7.22	82	693462	45.57	ng	-0.02
42) 2,4,6-Tribromophenol	10.46	330	308619	63.03	ng	-0.02
45) 2-Fluorobiphenyl	9.01	172	1403903	57.88	ng	-0.02
79) Terphenyl-d14	12.74	244	1550205	48.07	ng	-0.01

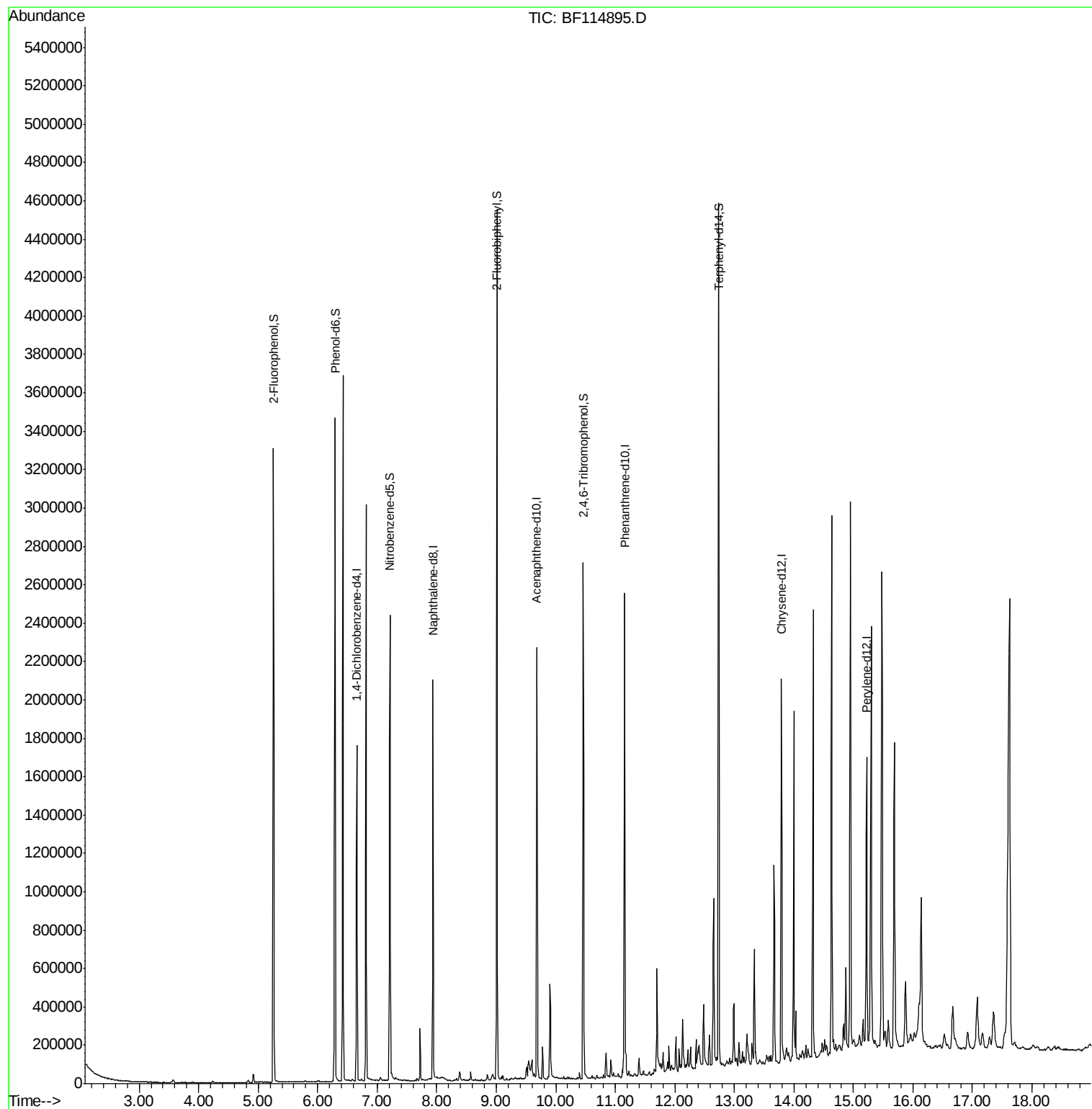
Target Compounds Qvalue

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

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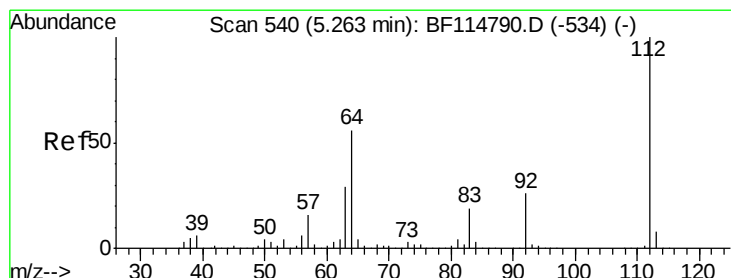
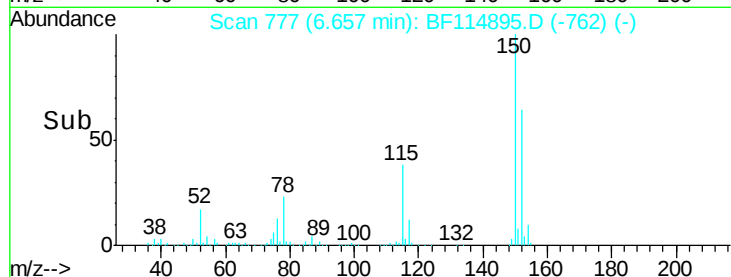
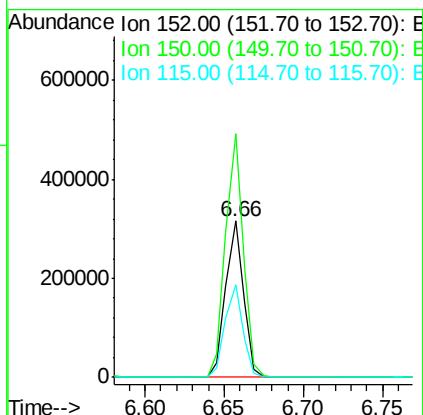
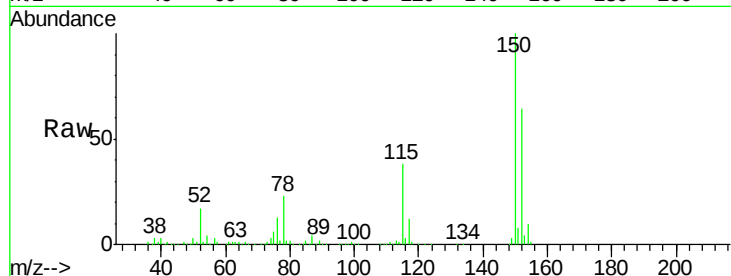


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF114895.D
Acq: 7 Jun 2019 13:40

Instrument :
BNA_F
ClientSampleId :
COMP-DPC-81626-FB-08

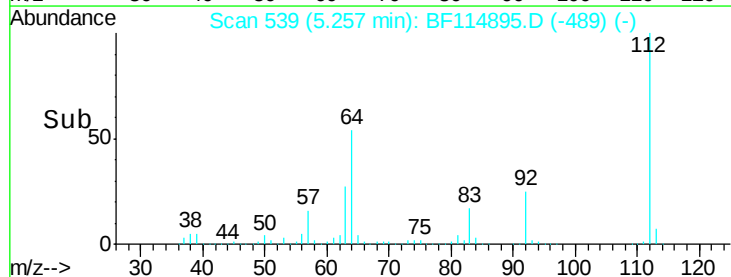
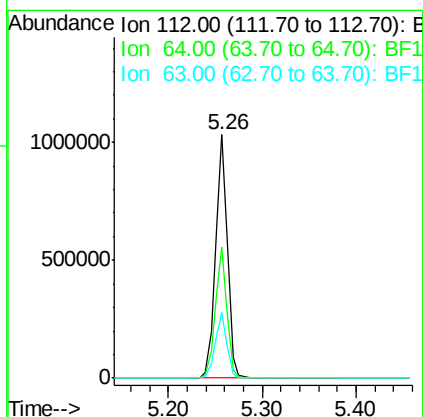
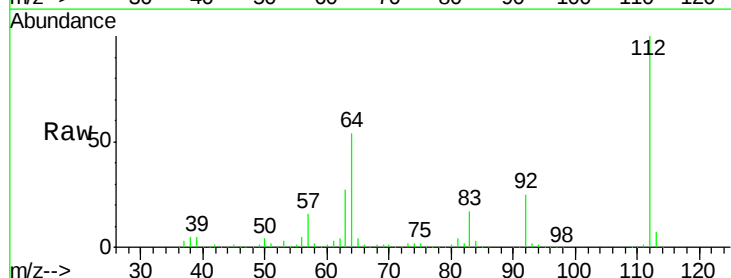
Tot Ion:152 Resp: 247421
Ion Ratio Lower Upper
152 100
150 156.0 124.0 186.0
115 59.2 46.3 69.5

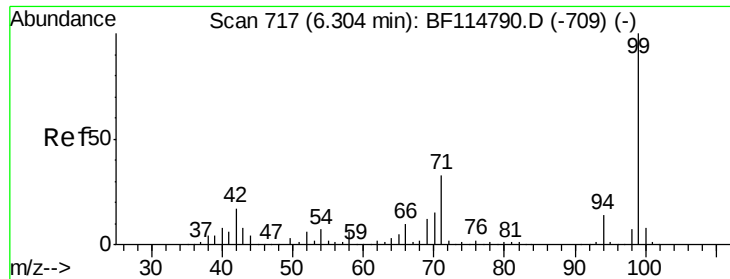


#5

2-Fluorophenol
Concen: 65.641 ng
RT: 5.26 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF114895.D
Acq: 7 Jun 2019 13:40

Tgt Ion:112 Resp: 929457
Ion Ratio Lower Upper
112 100
64 53.6 44.6 66.8
63 26.7 23.0 34.4





#7

Phenol-d6

Concen: 66.435 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF114895.D

Acq: 7 Jun 2019 13:40

Instrument :

BNA_F

ClientSampleId :

COMP-DPC-81626-FB-08

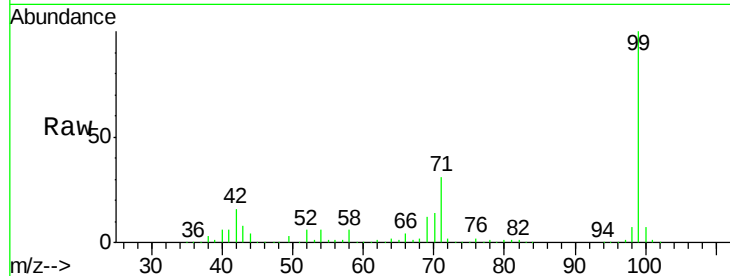
Tot Ion: 99 Resp: 1144643

Ion Ratio Lower Upper

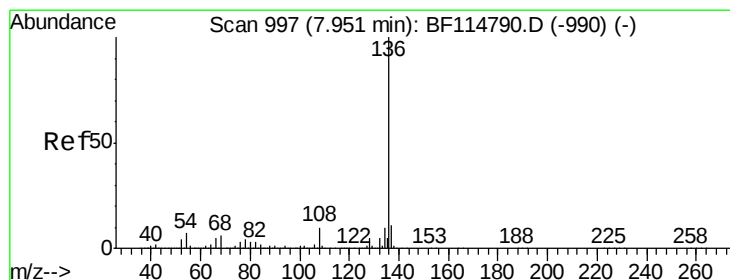
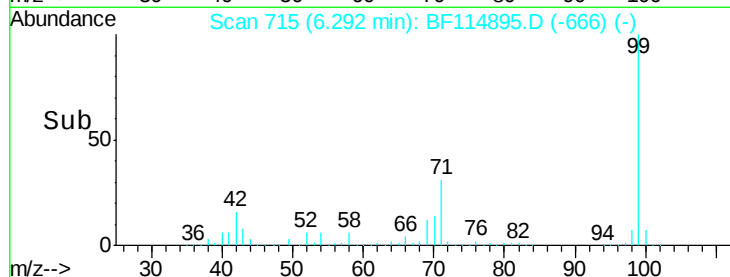
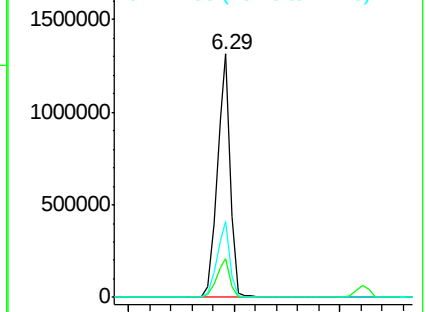
99 100

42 16.0 13.3 19.9

71 31.3 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: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF114895.D

Acq: 7 Jun 2019 13:40

Tgt Ion: 136 Resp: 936852

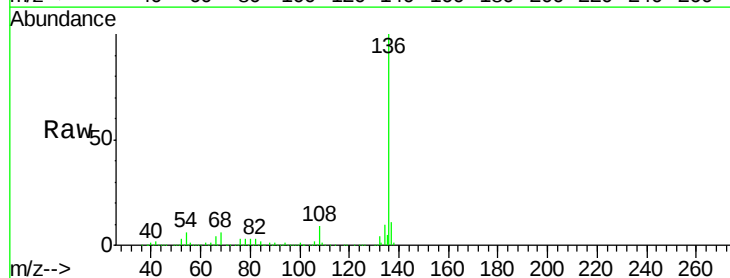
Ion Ratio Lower Upper

136 100

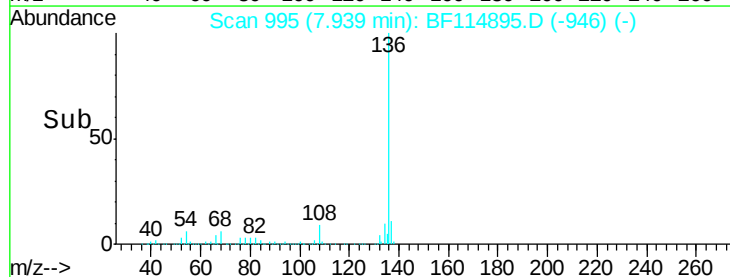
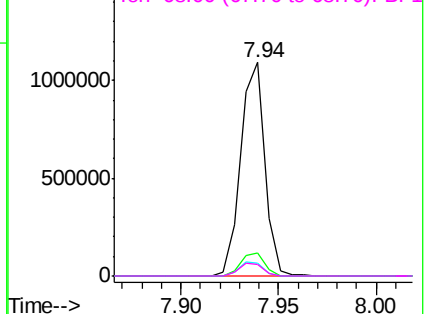
137 11.0 9.1 13.7

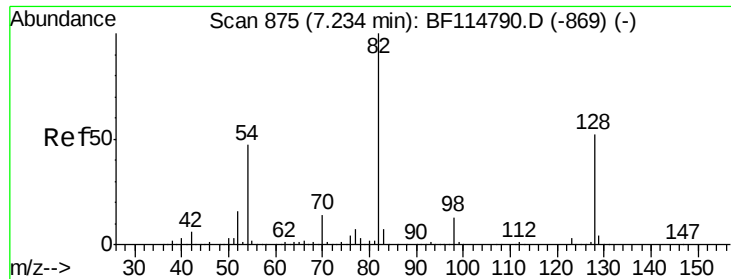
54 6.3 5.4 8.0

68 5.6 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

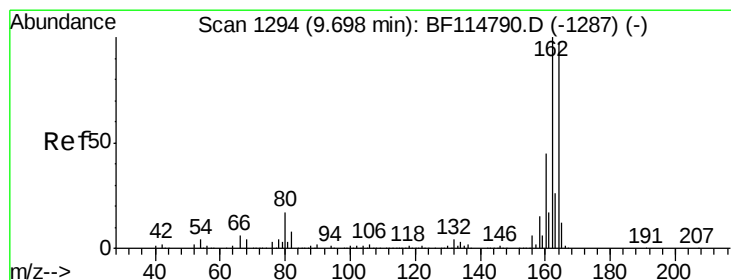
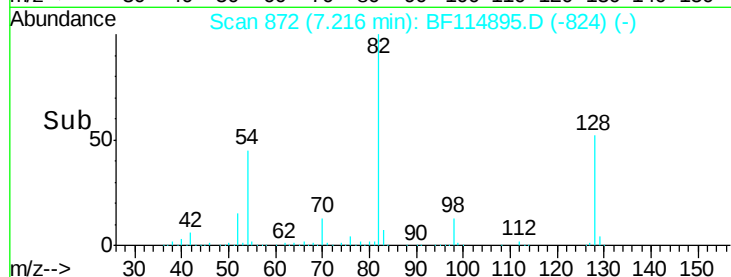
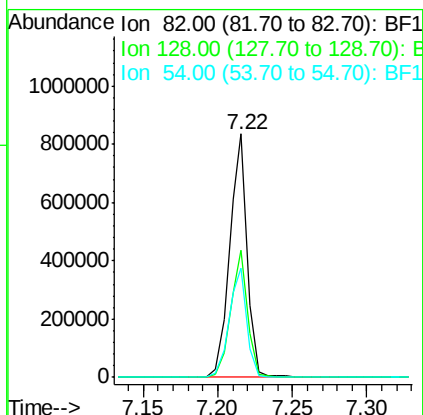
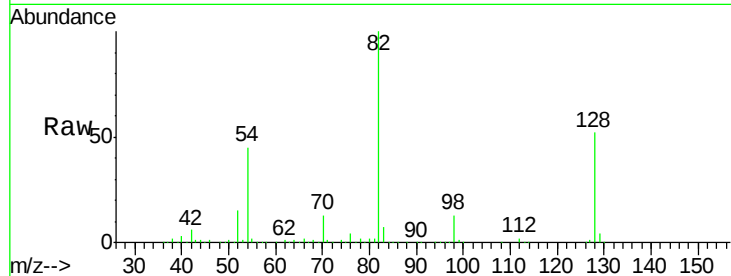




#23
Nitrobenzene-d5
Concen: 45.566 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF114895.D
Acq: 7 Jun 2019 13:40

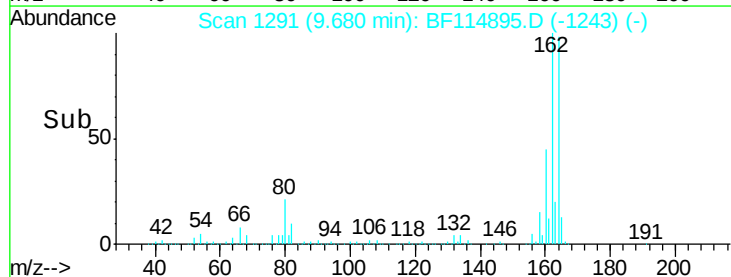
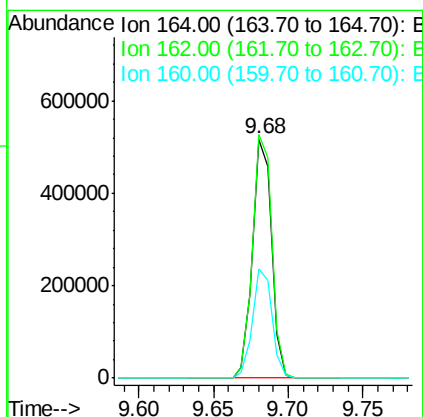
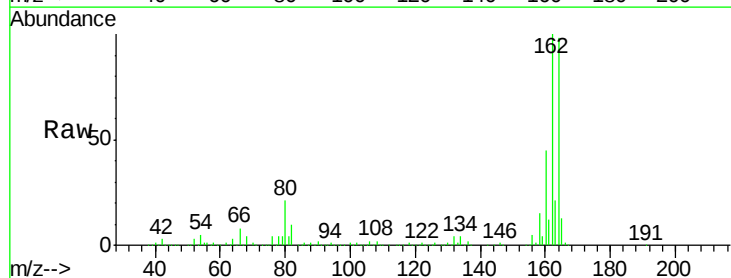
Instrument :
BNA_F
ClientSampleId :
COMP-DPC-81626-FB-08

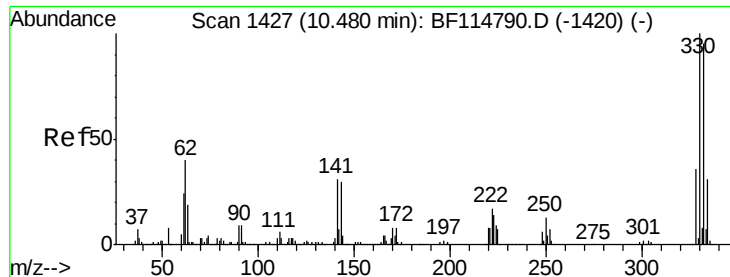
Tot Ion: 82 Resp: 693462
Ion Ratio Lower Upper
82 100
128 52.4 41.8 62.6
54 45.1 37.9 56.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF114895.D
Acq: 7 Jun 2019 13:40

Tgt Ion:164 Resp: 454352
Ion Ratio Lower Upper
164 100
162 102.0 82.3 123.5
160 45.8 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 63.030 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.02 min

Lab File: BF114895.D

Acq: 7 Jun 2019 13:40

Instrument :

BNA_F

ClientSampleId :

COMP-DPC-81626-FB-08

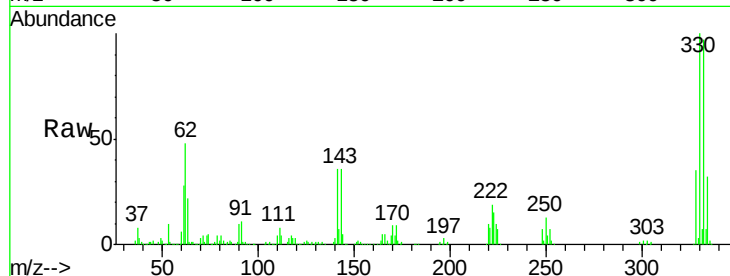
Tot Ion:330 Resp: 308619

Ion Ratio Lower Upper

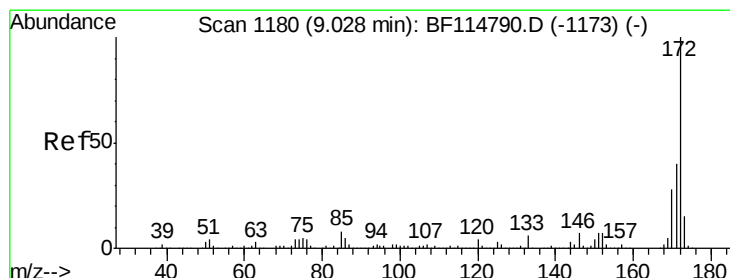
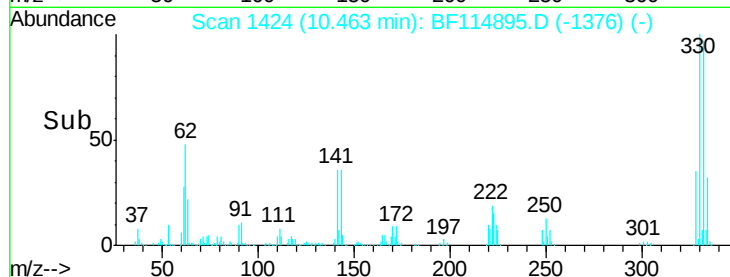
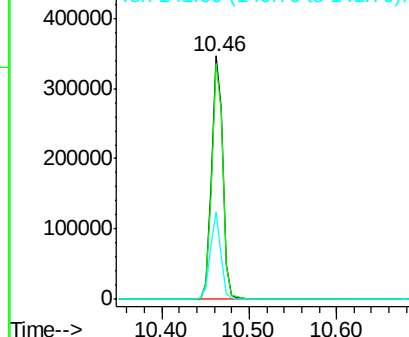
330 100

332 96.2 77.3 115.9

141 33.8 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: 57.882 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.02 min

Lab File: BF114895.D

Acq: 7 Jun 2019 13:40

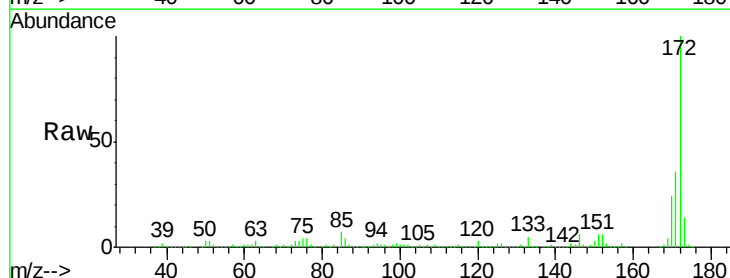
Tgt Ion:172 Resp: 1403903

Ion Ratio Lower Upper

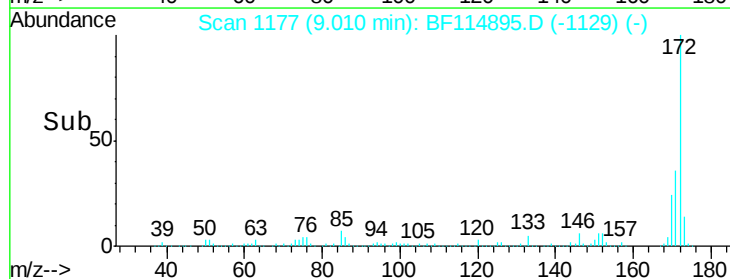
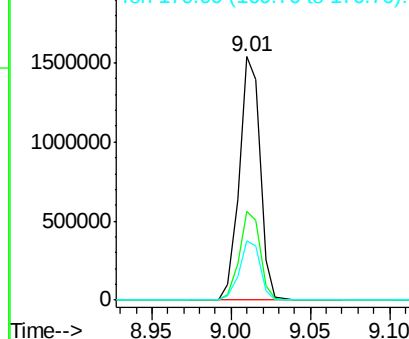
172 100

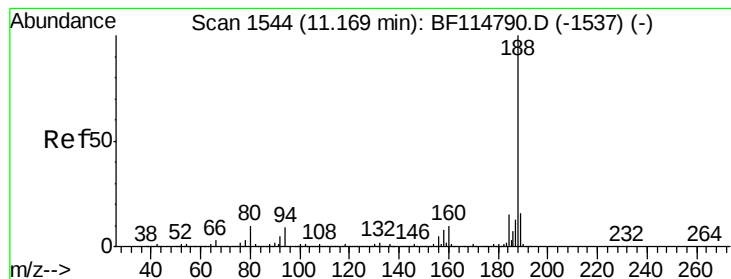
171 36.2 32.3 48.5

170 24.5 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# 1542

Delta R.T. -0.01 min

Lab File: BF114895.D

Acq: 7 Jun 2019 13:40

Instrument :

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ClientSampleId :

COMP-DPC-81626-FB-08

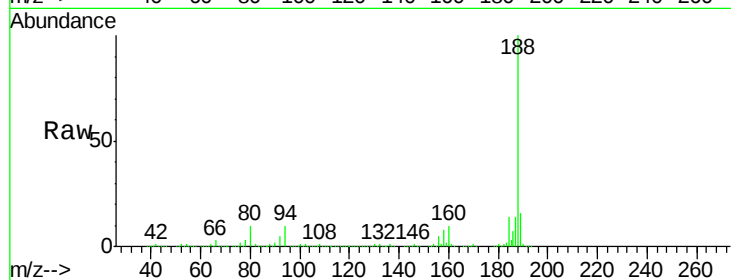
Tot Ion:188 Resp: 888599

Ion Ratio Lower Upper

188 100

94 9.7 7.6 11.4

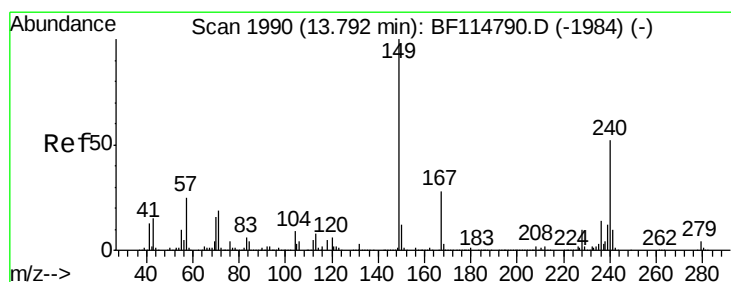
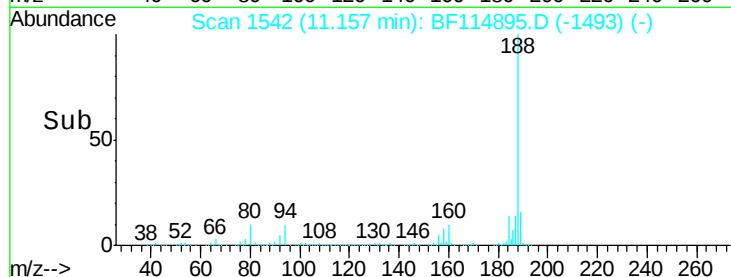
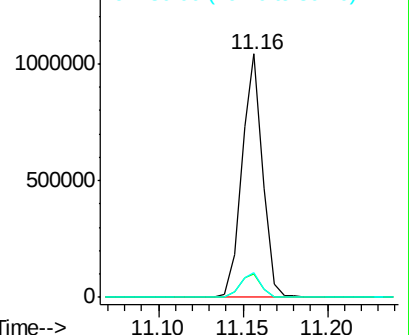
80 9.9 8.3 12.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.79 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BF114895.D

Acq: 7 Jun 2019 13:40

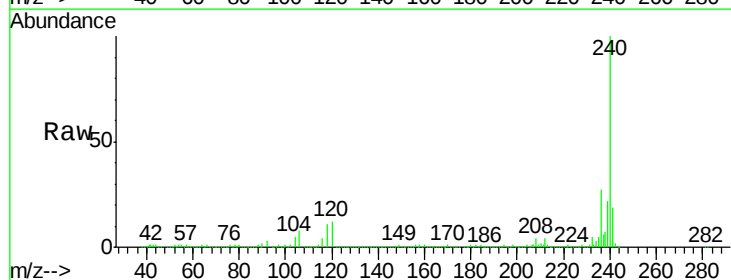
Tgt Ion:240 Resp: 627132

Ion Ratio Lower Upper

240 100

120 12.1 9.0 13.4

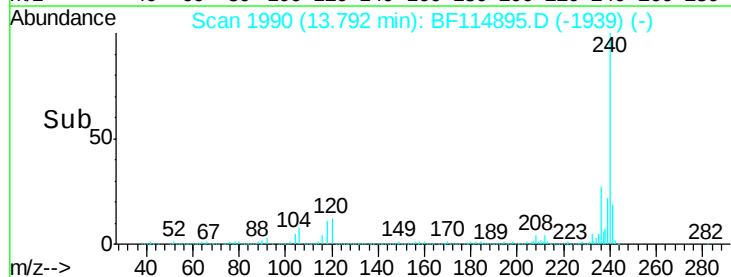
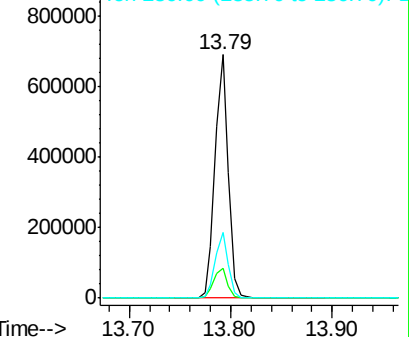
236 26.9 21.4 32.0

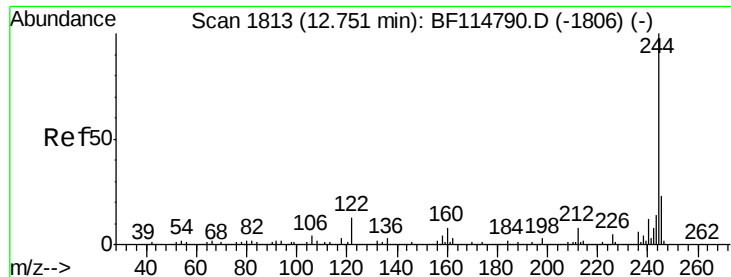


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



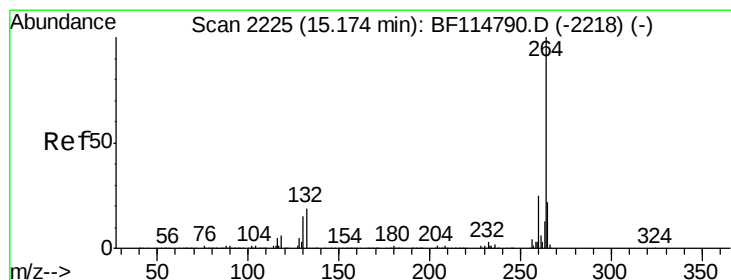
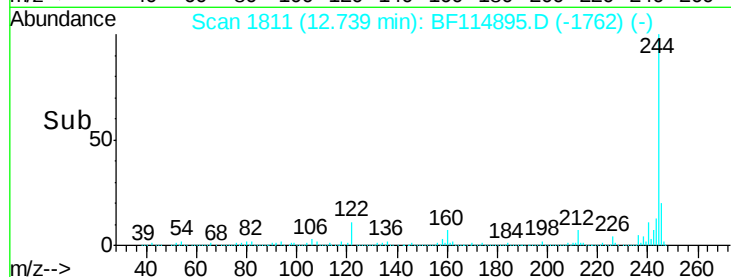
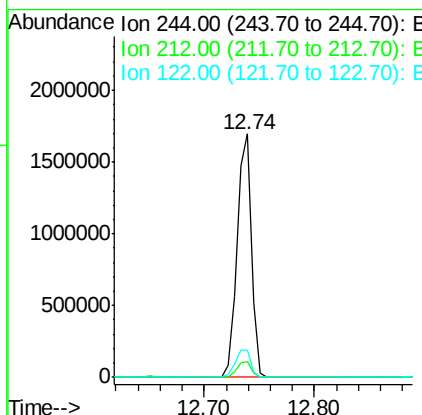
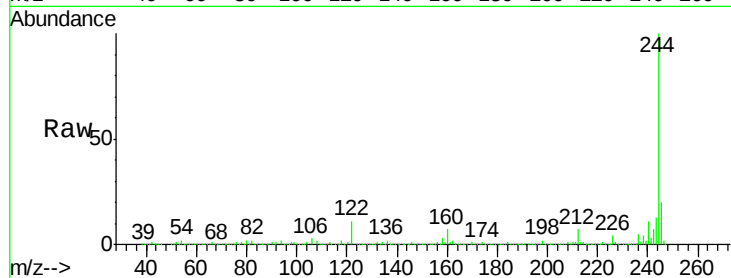


#79
 Terphenyl-d14
 Concen: 48.072 ng
 RT: 12.74 min Scan# 1811
 Delta R.T. -0.01 min
 Lab File: BF114895.D
 Acq: 7 Jun 2019 13:40

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Tot Ion:244 Resp: 1550205

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.5	9.7
122	11.1	10.5	15.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2233
 Delta R.T. 0.05 min
 Lab File: BF114895.D
 Acq: 7 Jun 2019 13:40

Tgt Ion:264 Resp: 633109

Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.1	30.1
265	21.5	17.7	26.5

