

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
 Data File : BF114851.D
 Acq On : 6 Jun 2019 9:58
 Operator : HP/JU
 Sample : K3151-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-060419-C

Quant Time: Jun 07 00:06:40 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	6.67	152	466119	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1854927	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	975305	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1919797	20.00	ng	0.00
76) Chrysene-d12	13.80	240	1419017	20.00	ng	0.00
87) Perylene-d12	15.19	264	1332459	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2760836	103.50	ng	0.04
7) Phenol-d6	6.32	99	3085050	95.04	ng	0.01
23) Nitrobenzene-d5	7.23	82	2485057	82.47	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	1267549	120.60	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	4635794	89.04	ng	0.00
79) Terphenyl-d14	12.76	244	4802774	65.82	ng	0.01

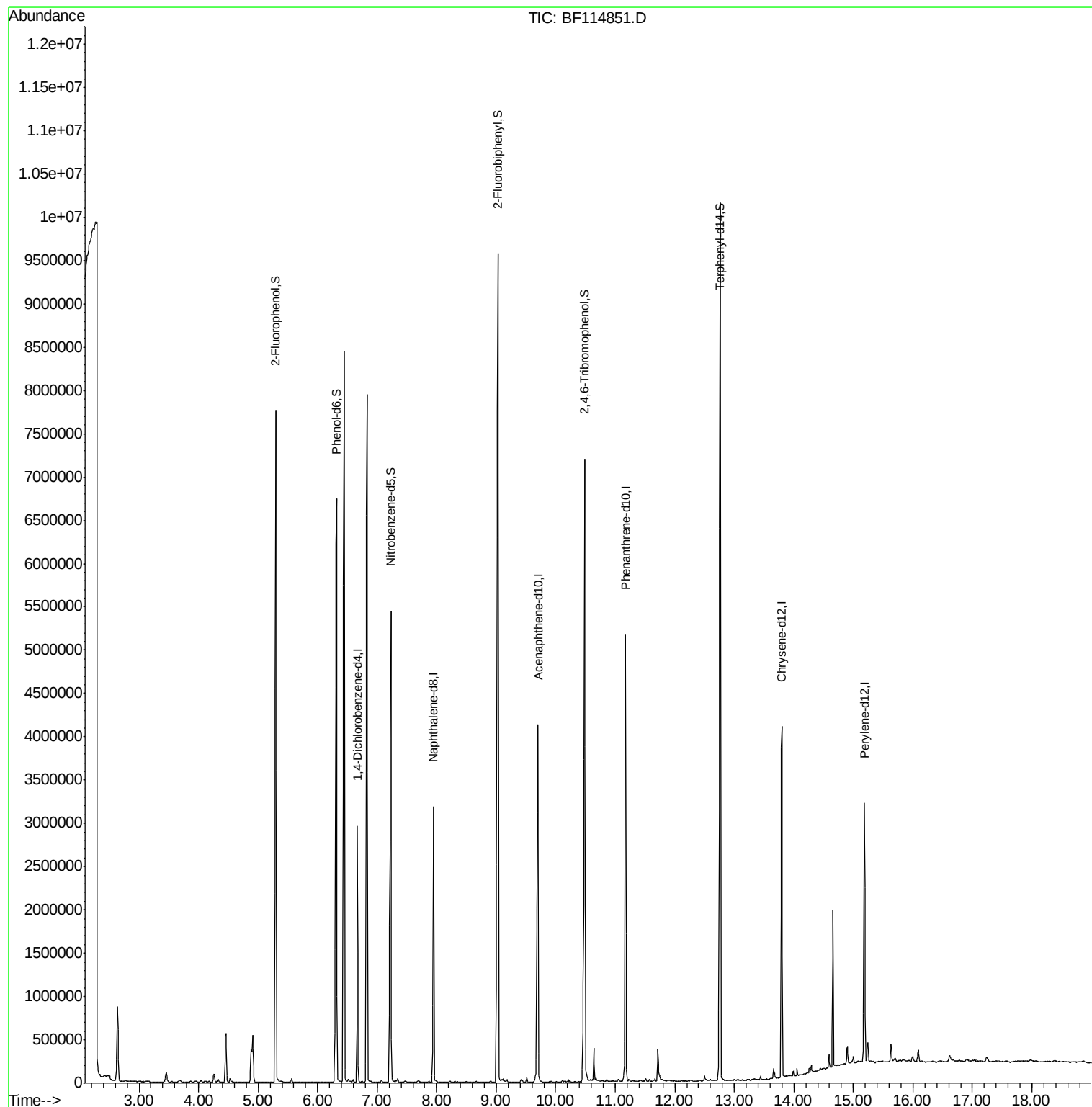
Target Compounds Qvalue

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

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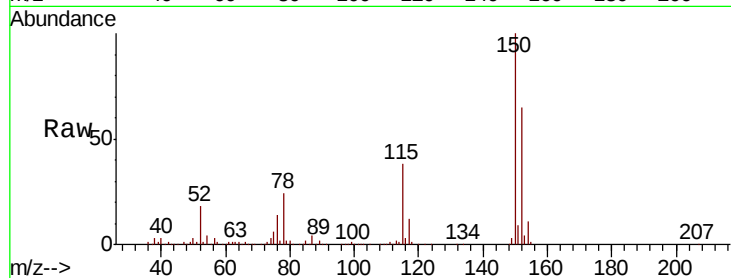


#1

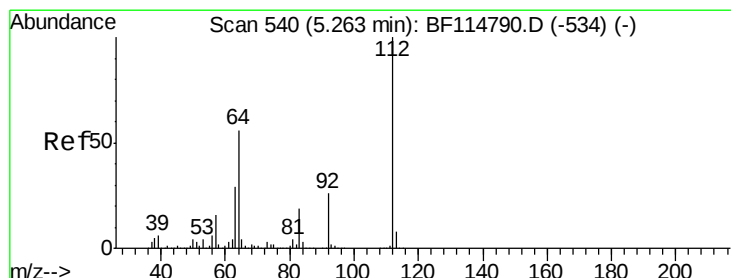
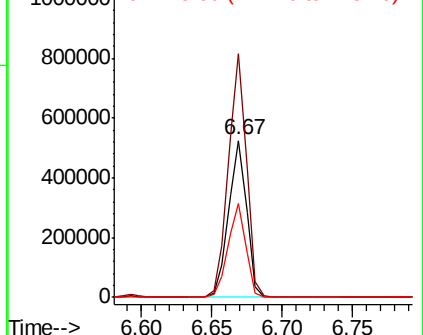
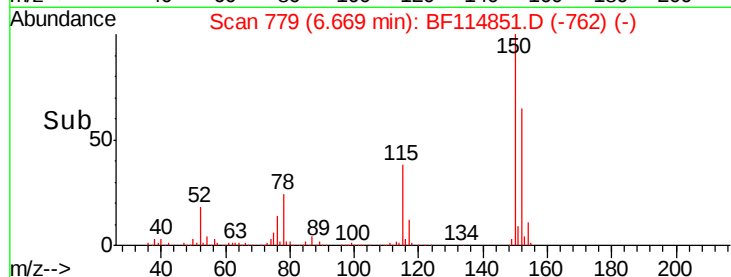
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF114851.D
Acq: 6 Jun 2019 9:58

Instrument :
BNA_F
ClientSampleId :
AU-06-060419-C

Tot Ion:152 Resp: 466119
Ion Ratio Lower Upper
152 100
150 155.0 124.0 186.0
115 59.6 46.3 69.5



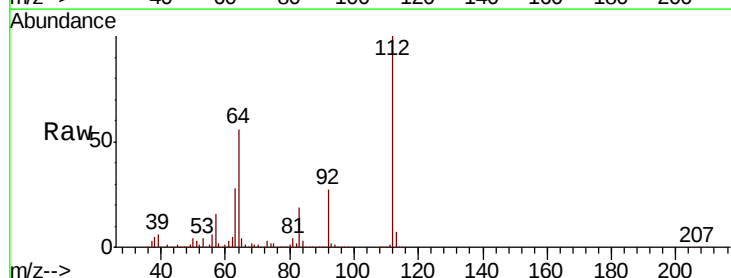
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



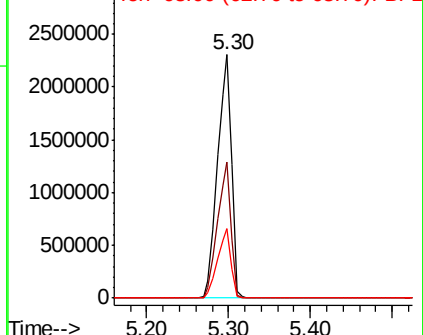
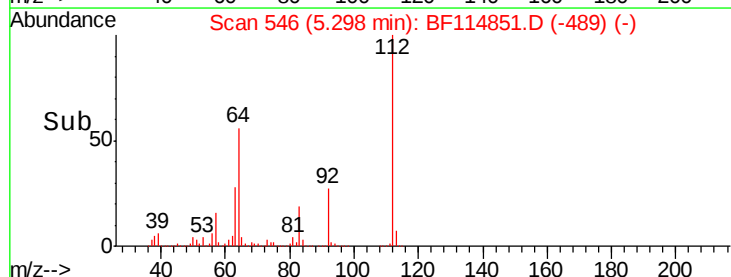
#5

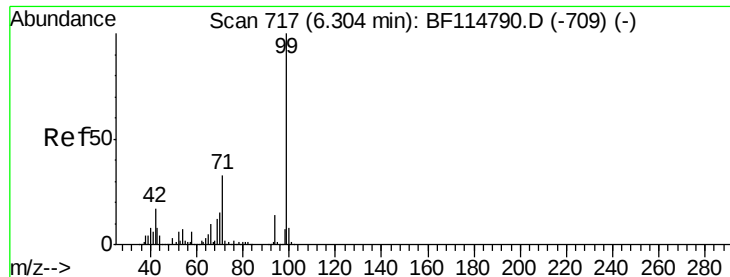
2-Fluorophenol
Concen: 103.496 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.04 min
Lab File: BF114851.D
Acq: 6 Jun 2019 9:58

Tgt Ion:112 Resp: 2760836
Ion Ratio Lower Upper
112 100
64 55.6 44.6 66.8
63 28.5 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: 95.044 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF114851.D

Acq: 6 Jun 2019 9:58

Instrument :

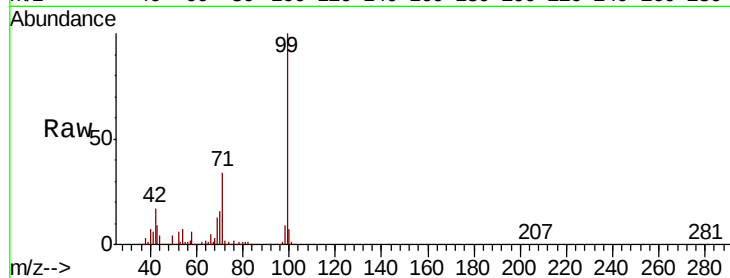
BNA_F

ClientSampleId :

AU-06-060419-C

Tot Ion: 99 Resp: 3085050

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.3	19.9
71	34.3	26.3	39.5

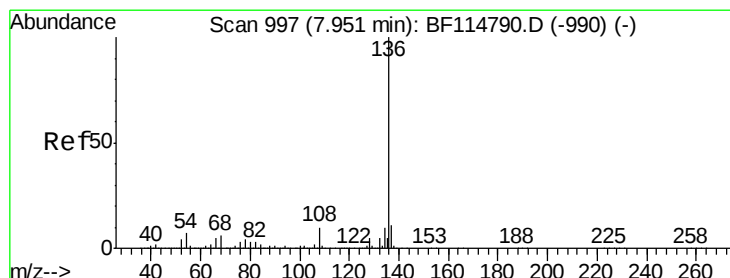
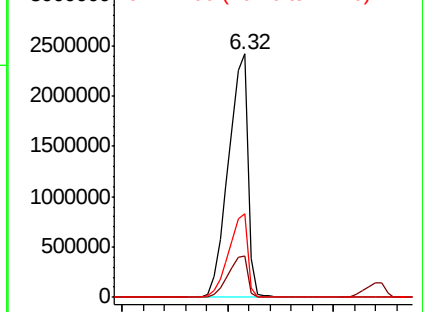
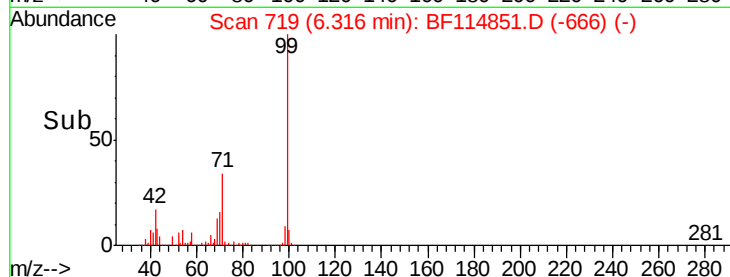


Abundance

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: 7.95 min Scan# 996

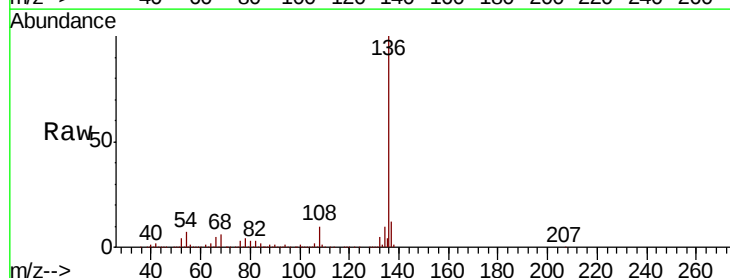
Delta R.T. -0.01 min

Lab File: BF114851.D

Acq: 6 Jun 2019 9:58

Tgt Ion: 136 Resp: 1854927

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.1	13.7
54	7.1	5.4	8.0
68	6.2	4.6	6.8



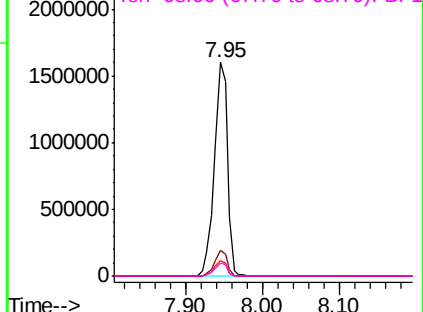
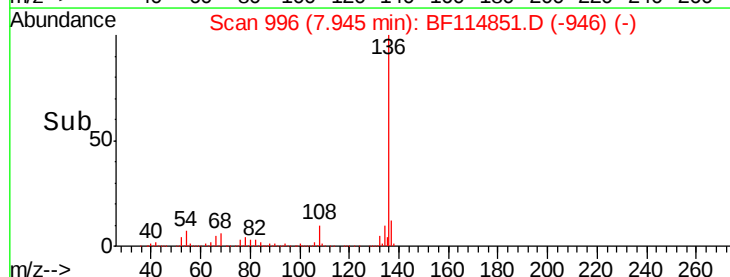
Abundance

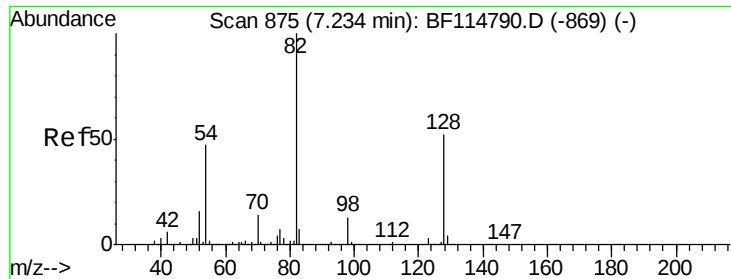
Ion 136.00 (135.70 to 136.70): E

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: 82.470 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF114851.D

Acq: 6 Jun 2019 9:58

Instrument :

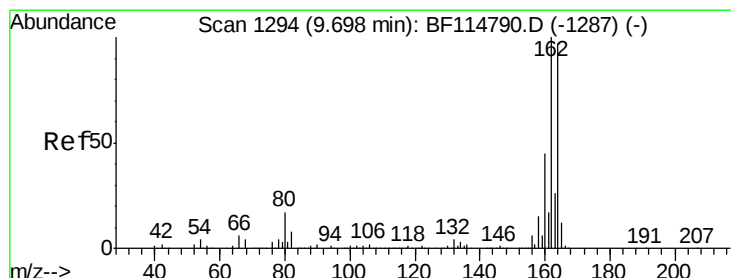
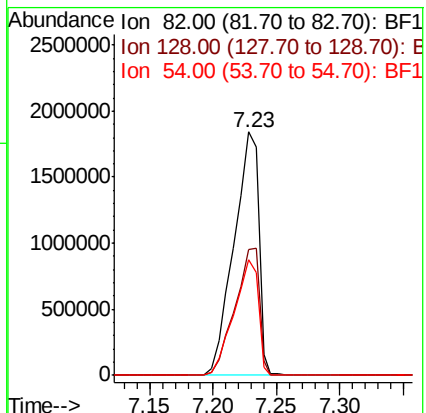
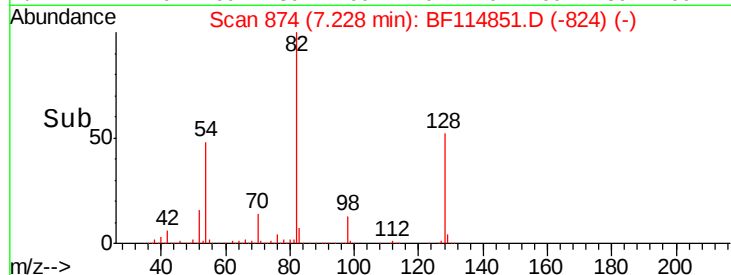
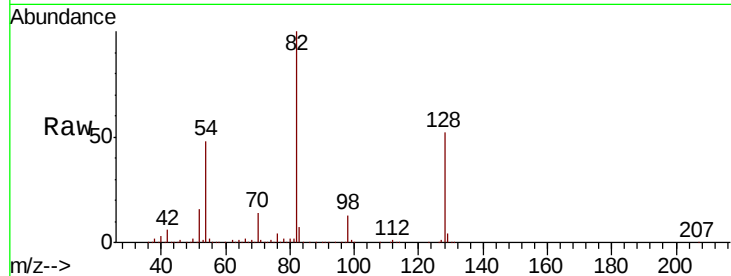
BNA_F

ClientSampleId :

AU-06-060419-C

Tot Ion: 82 Resp: 2485057

Ion	Ratio	Lower	Upper
82	100		
128	51.7	41.8	62.6
54	47.5	37.9	56.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1294

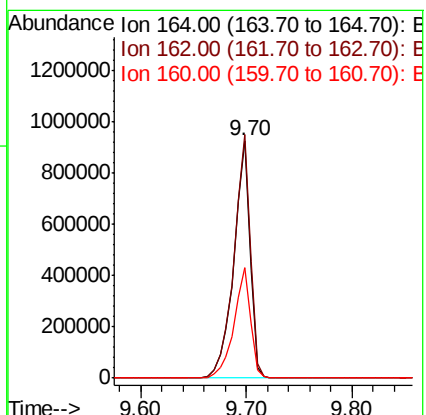
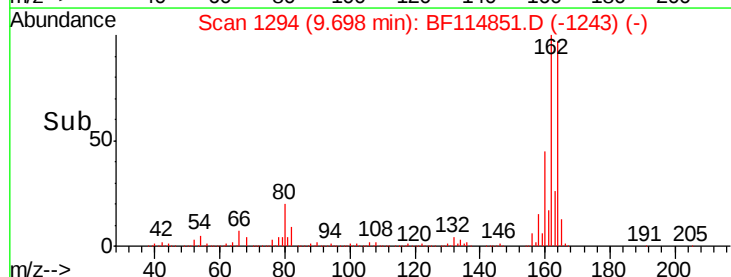
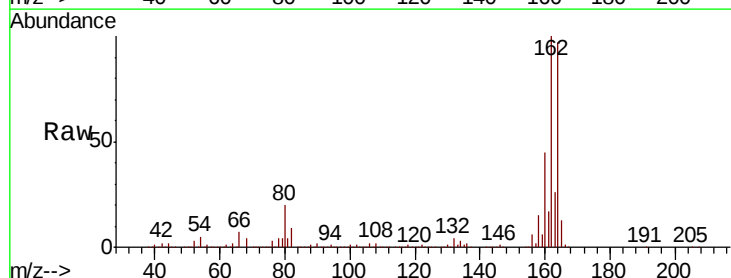
Delta R.T. 0.00 min

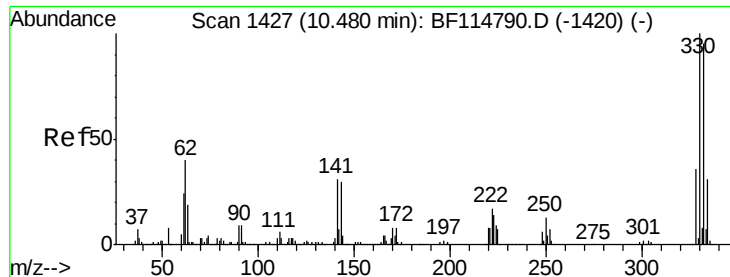
Lab File: BF114851.D

Acq: 6 Jun 2019 9:58

Tgt Ion:164 Resp: 975305

Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.3	123.5
160	46.7	36.7	55.1

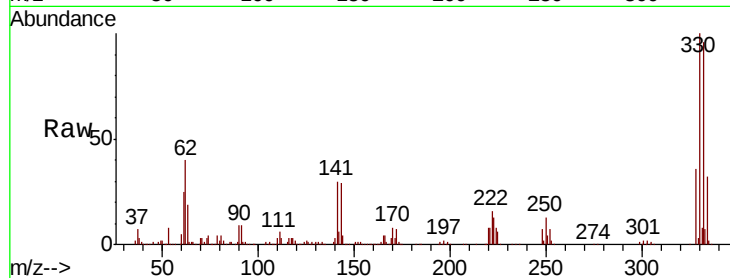




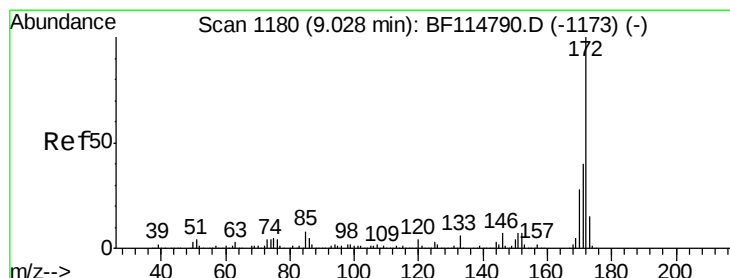
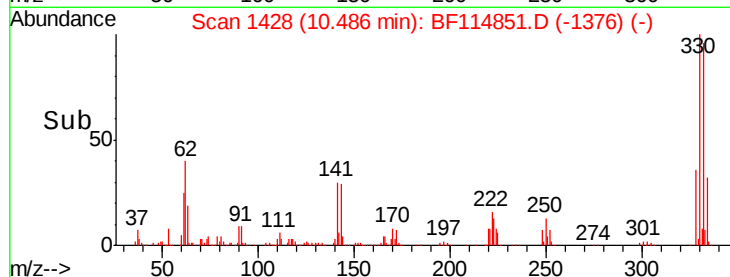
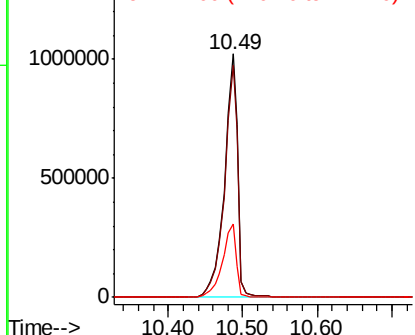
#42
 2,4,6-Tribromophenol
 Concen: 120.599 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.01 min
 Lab File: BF114851.D
 Acq: 6 Jun 2019 9:58

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-060419-C

Tot Ion:330 Resp: 1267549
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.3 115.9
 141 31.7 26.2 39.4

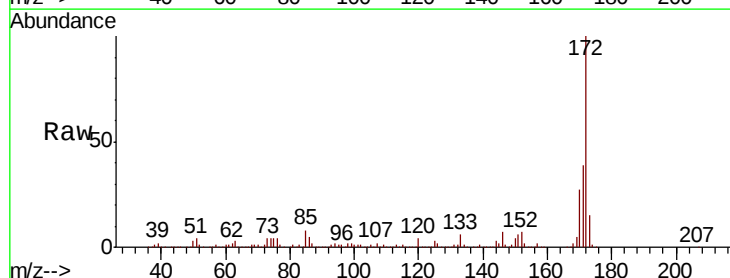


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

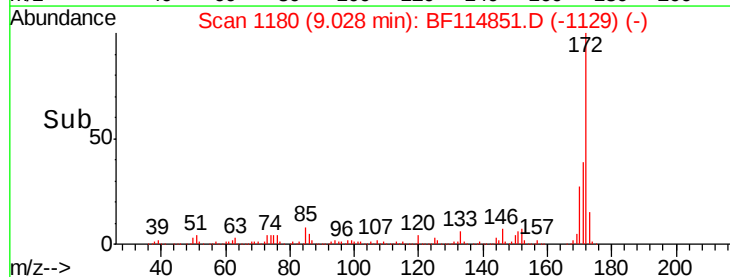
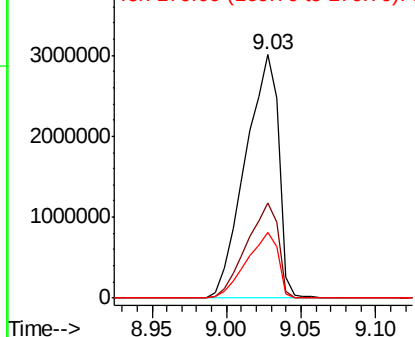


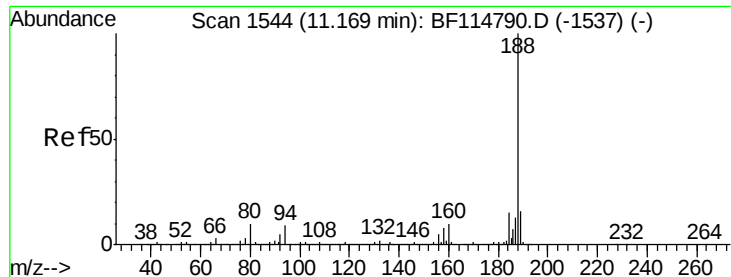
#45
 2-Fluorobiphenyl
 Concen: 89.040 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF114851.D
 Acq: 6 Jun 2019 9:58

Tgt Ion:172 Resp: 4635794
 Ion Ratio Lower Upper
 172 100
 171 38.9 32.3 48.5
 170 26.8 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

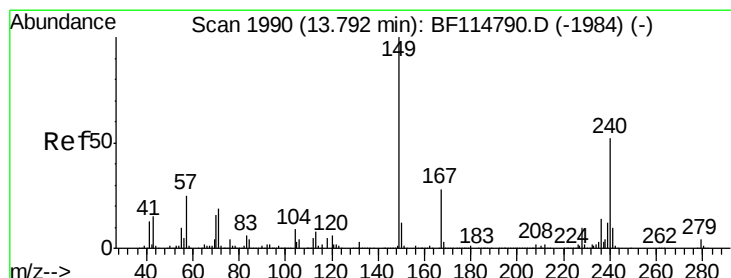
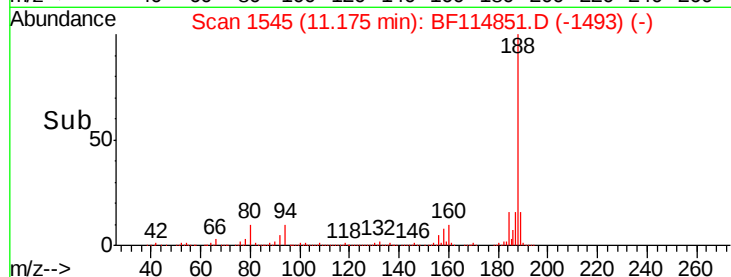
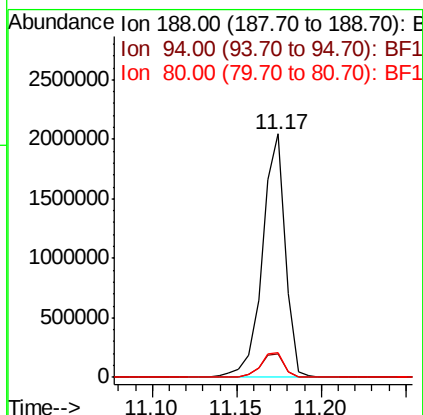
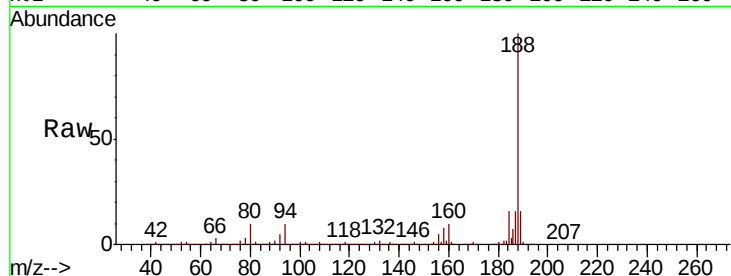




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF114851.D
Acq: 6 Jun 2019 9:58

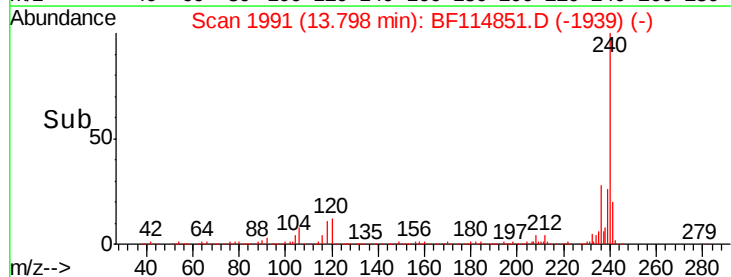
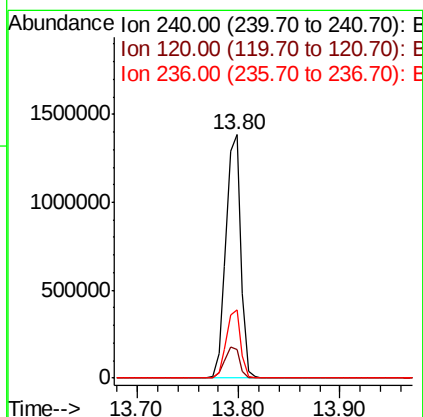
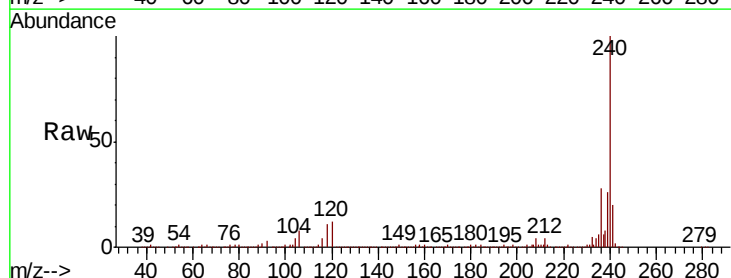
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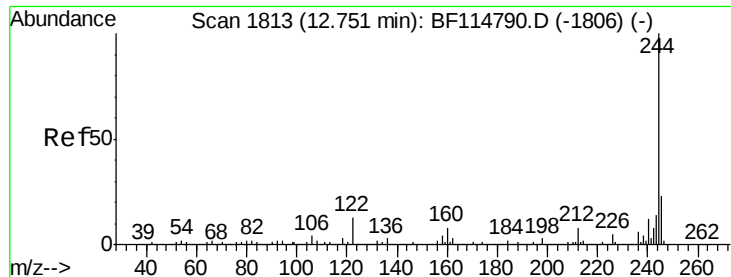
Tot Ion:188 Resp: 1919797
Ion Ratio Lower Upper
188 100
94 9.8 7.6 11.4
80 10.2 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BF114851.D
Acq: 6 Jun 2019 9:58

Tgt Ion:240 Resp: 1419017
Ion Ratio Lower Upper
240 100
120 11.6 9.0 13.4
236 27.8 21.4 32.0





#79

Terphenyl-d14

Concen: 65.822 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF114851.D

Acq: 6 Jun 2019 9:58

Instrument :

BNA_F

ClientSampleId :

AU-06-060419-C

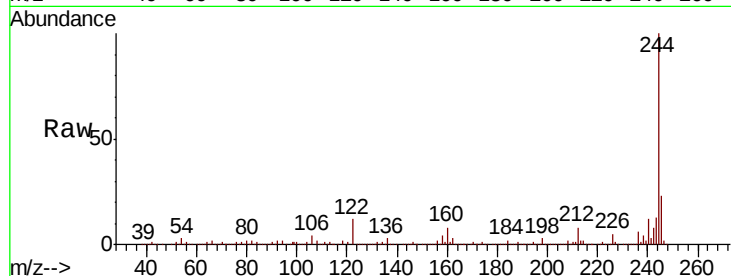
Tot Ion:244 Resp: 4802774

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

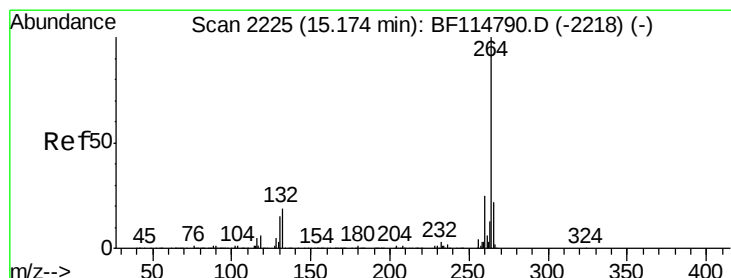
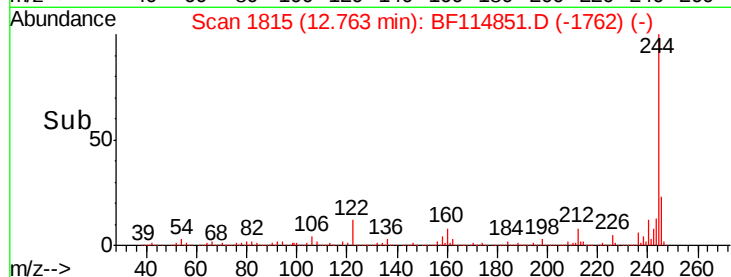
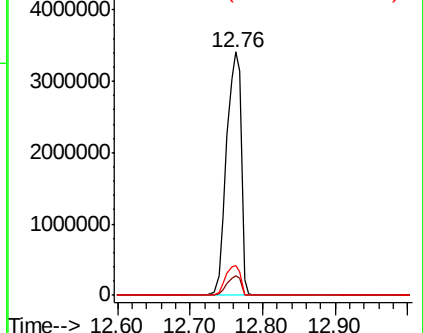
122 12.4 10.5 15.7



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: 15.19 min Scan# 2227

Delta R.T. 0.01 min

Lab File: BF114851.D

Acq: 6 Jun 2019 9:58

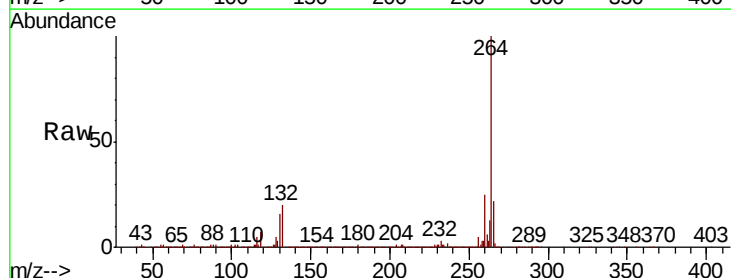
Tgt Ion:264 Resp: 1332459

Ion Ratio Lower Upper

264 100

260 25.0 20.1 30.1

265 22.4 17.7 26.5



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

