

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119244.D
 Acq On : 6 Mar 2020 7:45
 Operator : CG/JU
 Sample : L1775-11
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CR-2

Quant Time: Mar 06 13:55:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	147304	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	574628	20.00	ng	-0.03
39) Acenaphthene-d10	9.76	164	297248	20.00	ng	-0.03
64) Phenanthrene-d10	11.24	188	478706	20.00	ng	-0.02
76) Chrysene-d12	13.88	240	265463	20.00	ng	-0.02
87) Perylene-d12	15.30	264	319230	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	914120	103.71	ng	0.00
7) Phenol-d6	6.38	99	983128	91.71	ng	-0.02
23) Nitrobenzene-d5	7.29	82	867860	79.74	ng	-0.04
42) 2,4,6-Tribromophenol	10.55	330	405833	104.37	ng	-0.02
45) 2-Fluorobiphenyl	9.08	172	1673255	82.93	ng	-0.03
79) Terphenyl-d14	12.83	244	1445111	93.72	ng	-0.02

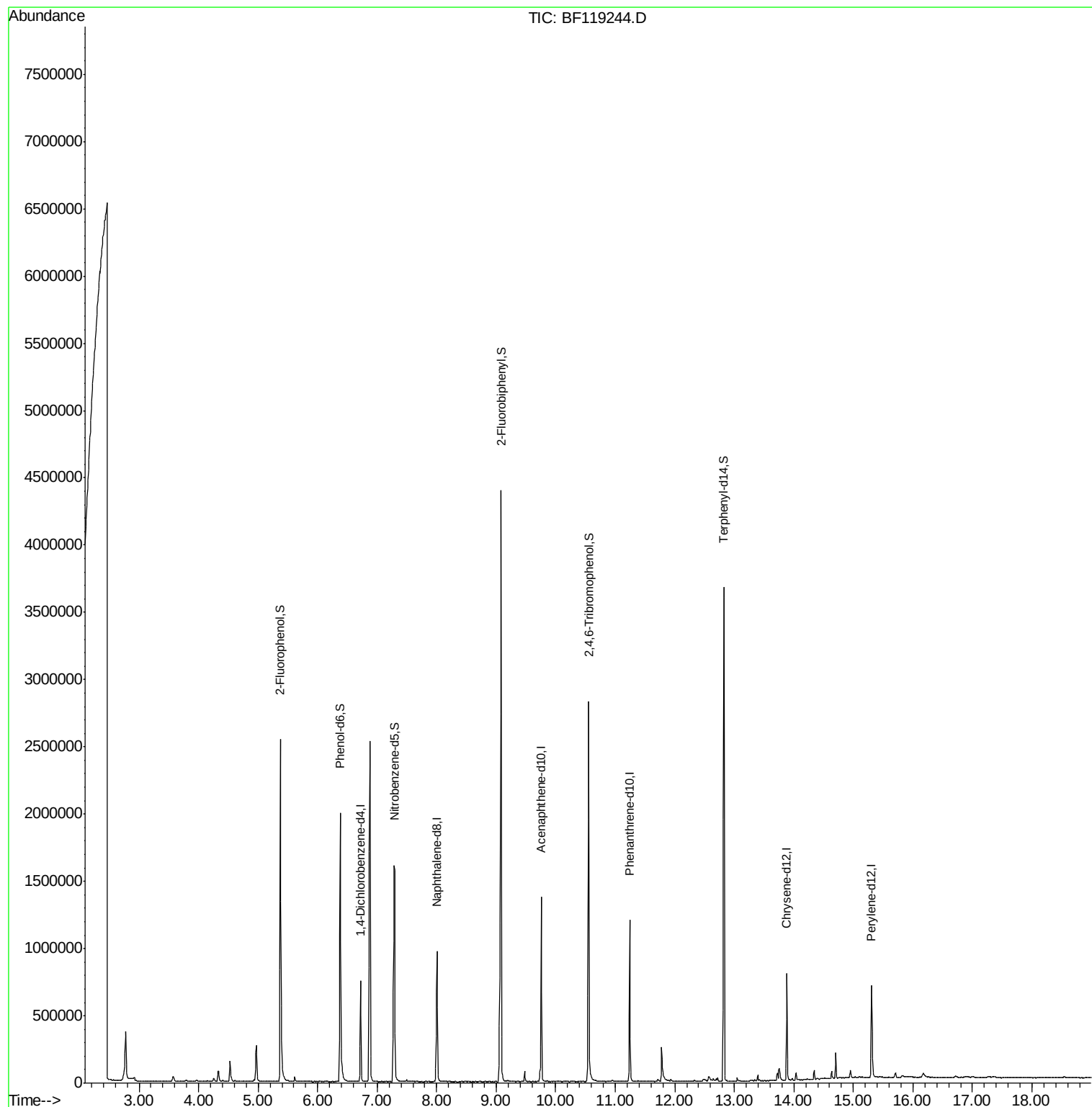
Target Compounds Qvalue

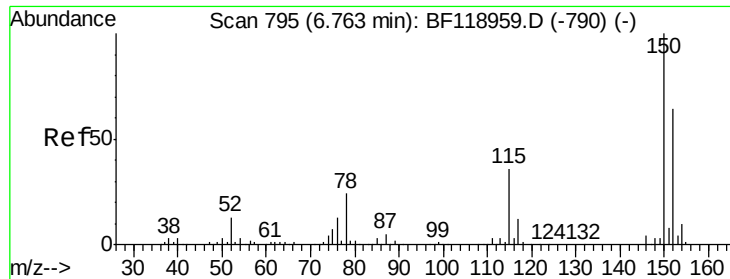
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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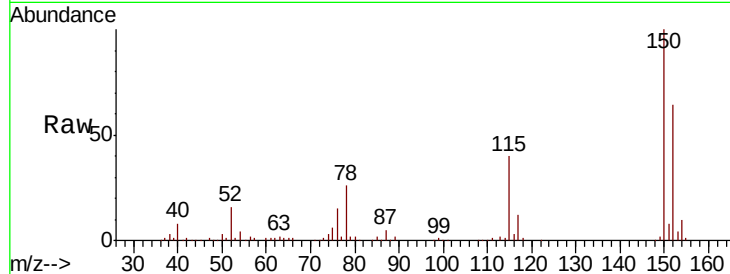


#1

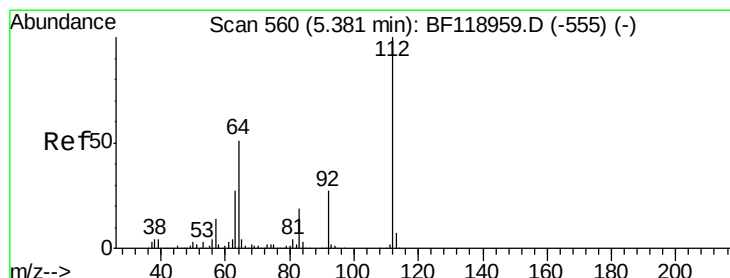
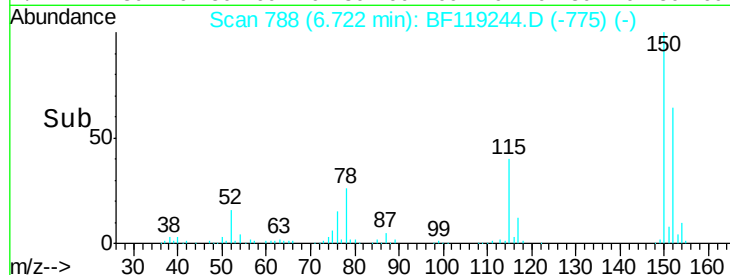
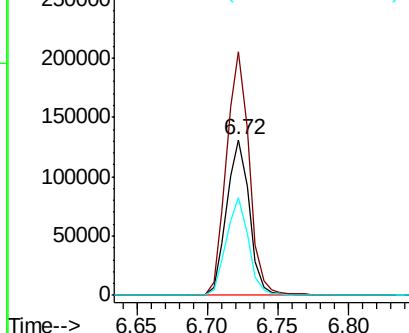
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF119244.D
Acq: 6 Mar 2020 7:45

Instrument :
BNA_F
ClientSampleId :
CR-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	123.0	184.6
115	62.4	49.5	74.3



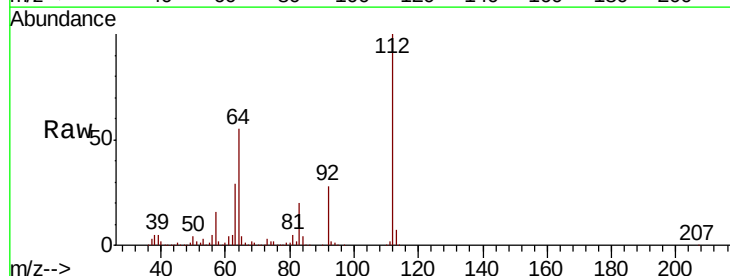
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



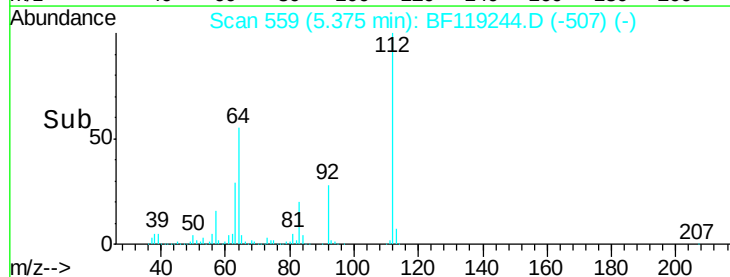
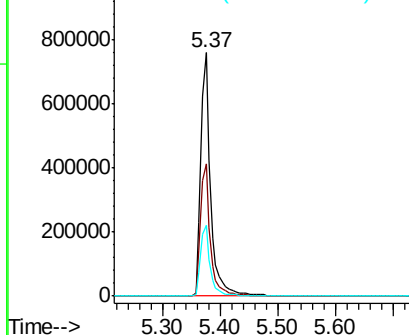
#5

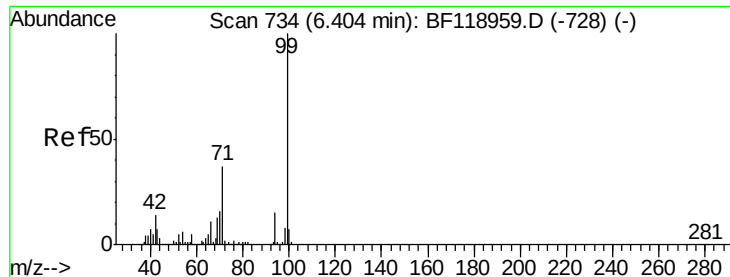
2-Fluorophenol
Concen: 103.708 ng
RT: 5.37 min Scan# 559
Delta R.T. 0.01 min
Lab File: BF119244.D
Acq: 6 Mar 2020 7:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.5	45.0	67.4
63	29.2	24.2	36.4



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: 91.710 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF119244.D

Acq: 6 Mar 2020 7:45

Instrument :

BNA_F

ClientSampled :

CR-2

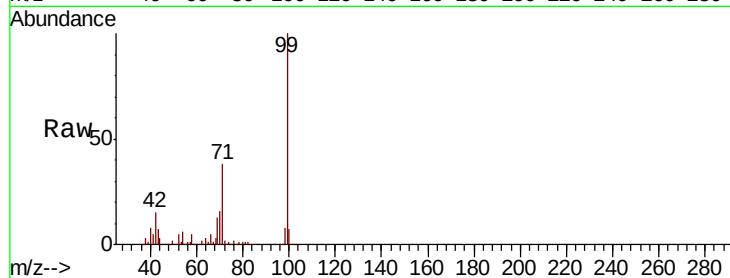
Tot Ion: 99 Resp: 983128

Ion Ratio Lower Upper

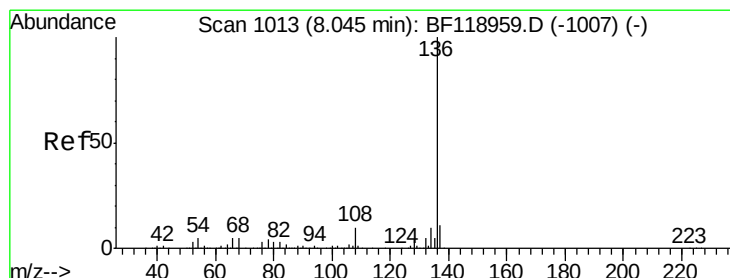
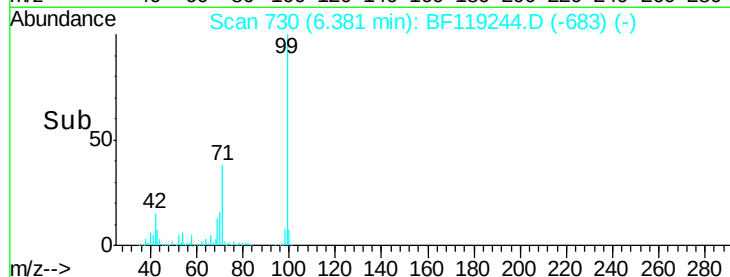
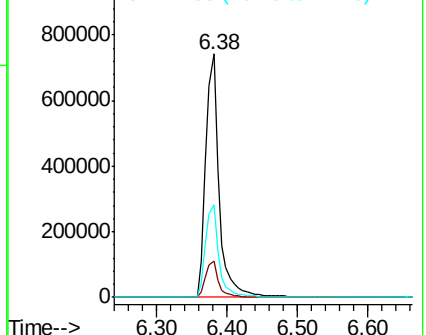
99 100

42 14.8 12.6 18.8

71 38.0 31.0 46.4



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: 8.00 min Scan# 1006

Delta R.T. -0.03 min

Lab File: BF119244.D

Acq: 6 Mar 2020 7:45

Tgt Ion: 136 Resp: 574628

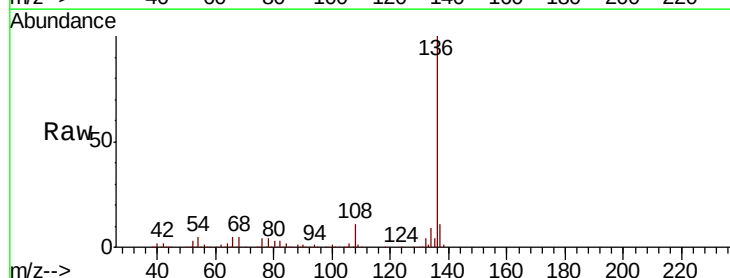
Ion Ratio Lower Upper

136 100

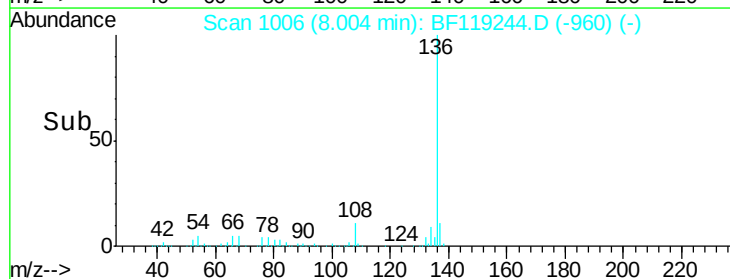
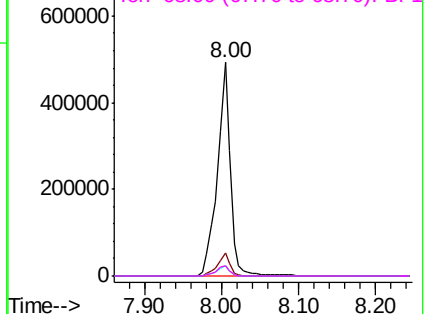
137 11.0 8.8 13.2

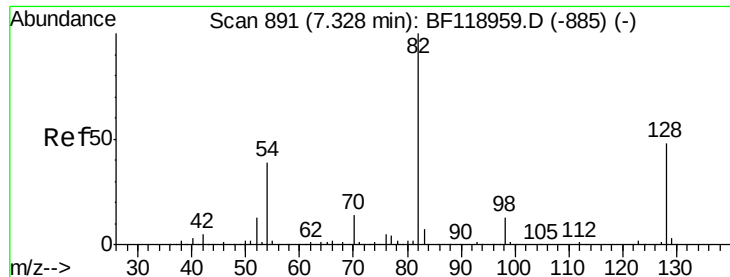
54 5.0 3.8 5.6

68 5.1 3.9 5.9



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

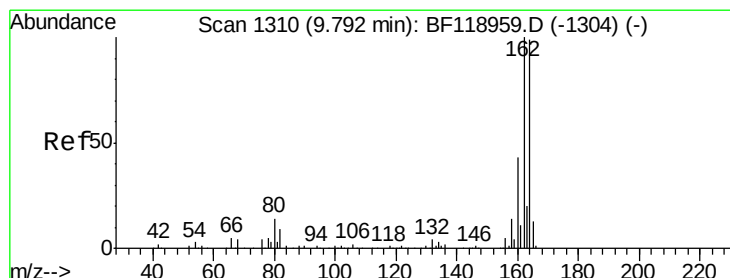
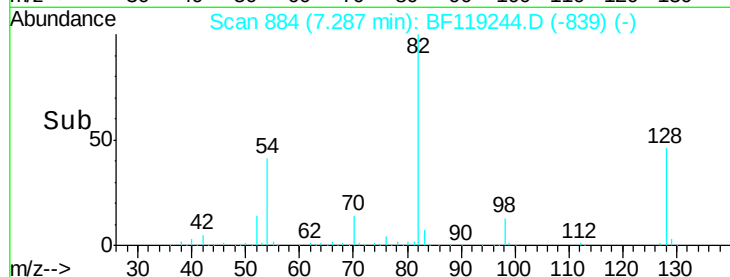
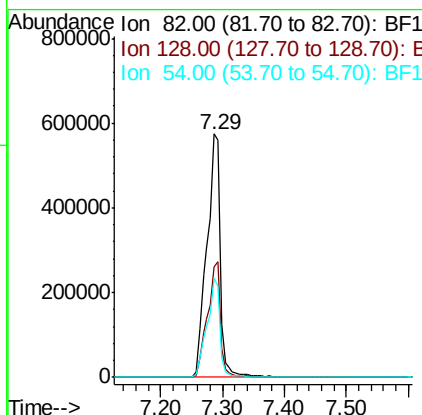
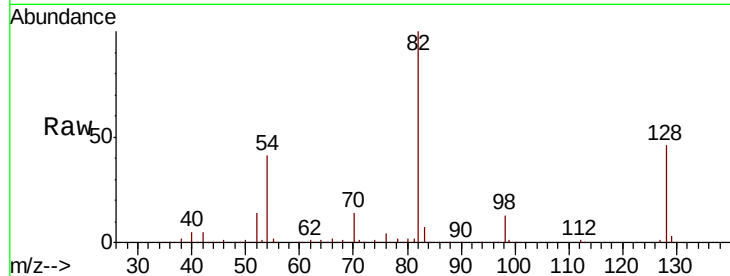




#23
 Nitrobenzene-d5
 Concen: 79.744 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.04 min
 Lab File: BF119244.D
 Acq: 6 Mar 2020 7:45

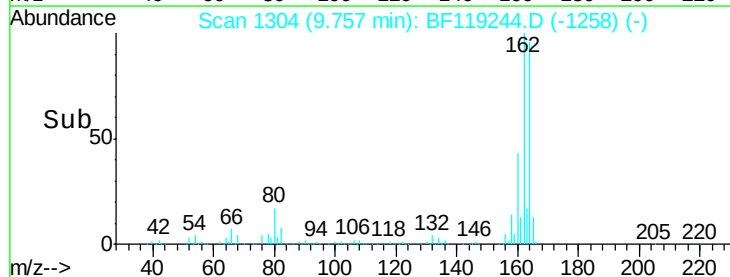
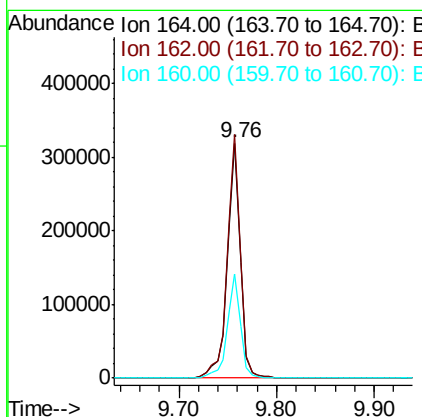
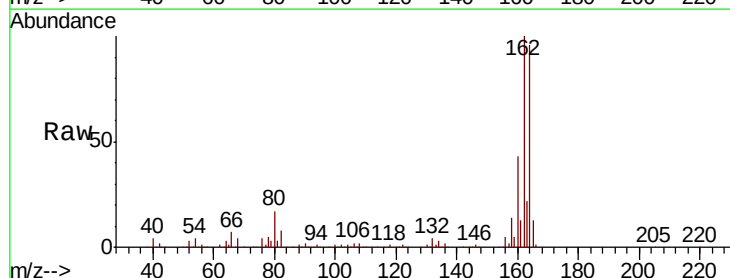
Instrument :
 BNA_F
 ClientSampleId :
 CR-2

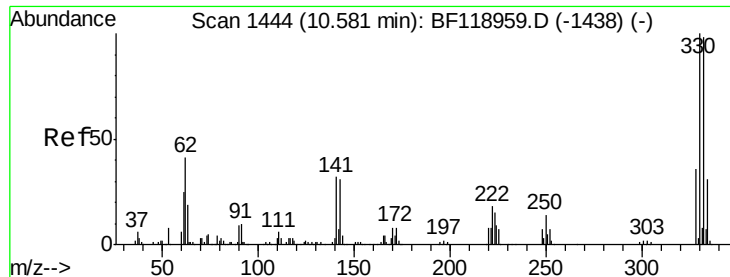
Tot Ion: 82 Resp: 867860
 Ion Ratio Lower Upper
 82 100
 128 45.6 37.9 56.9
 54 40.6 33.4 50.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.03 min
 Lab File: BF119244.D
 Acq: 6 Mar 2020 7:45

Tgt Ion: 164 Resp: 297248
 Ion Ratio Lower Upper
 164 100
 162 103.8 81.8 122.8
 160 44.2 36.0 54.0

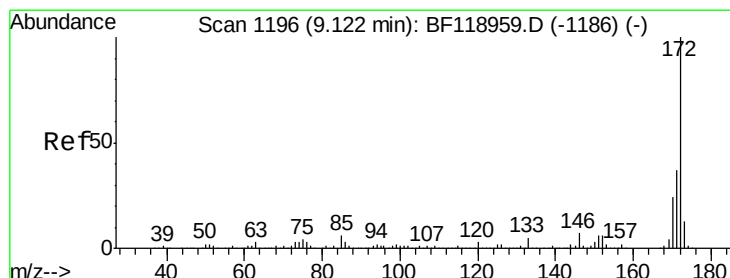
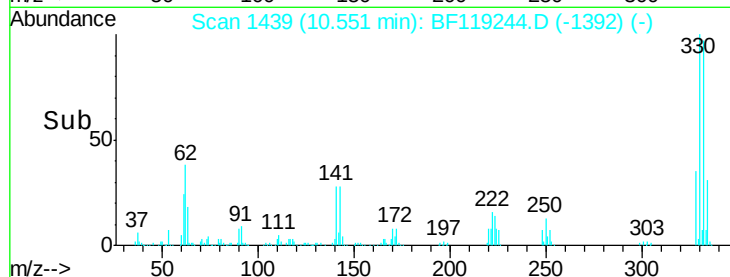
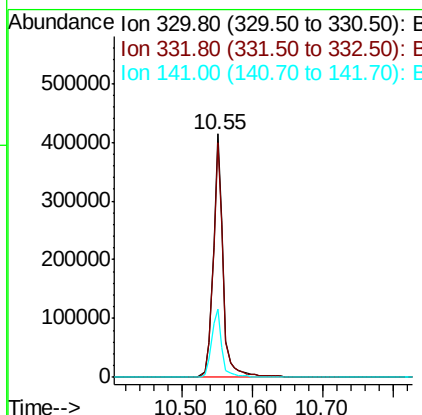
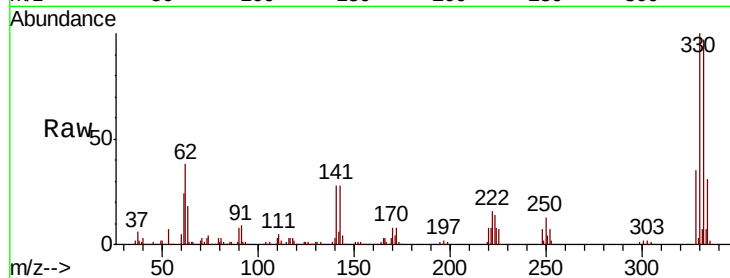




#42
 2,4,6-Tribromophenol
 Concen: 104.367 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF119244.D
 Acq: 6 Mar 2020 7:45

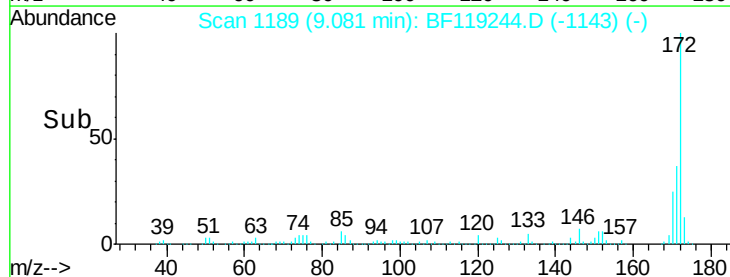
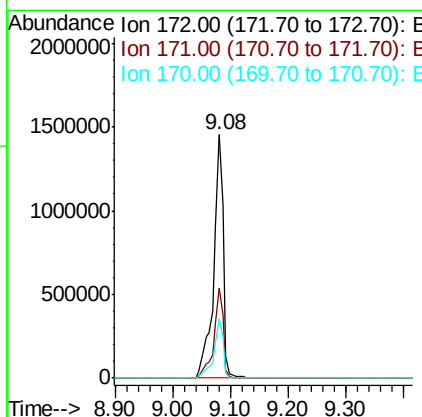
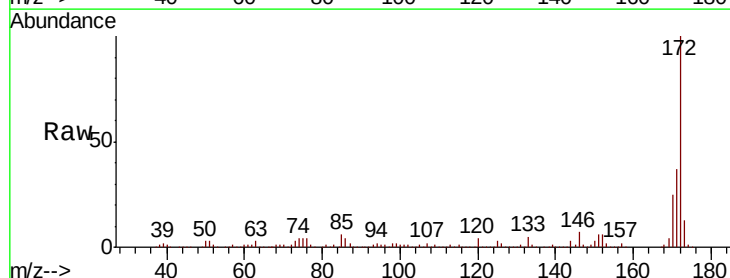
Instrument :
 BNA_F
 ClientSampled :
 CR-2

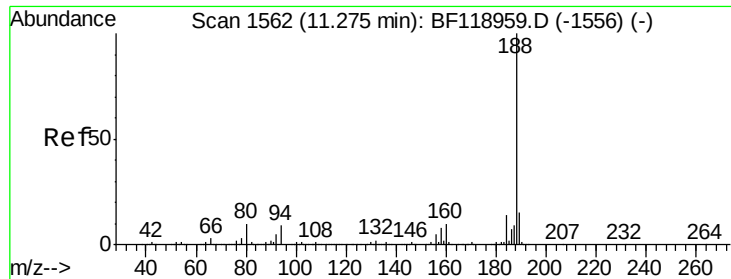
Tot Ion:330 Resp: 405833
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.0 114.0
 141 29.8 22.9 34.3



#45
 2-Fluorobiphenyl
 Concen: 82.927 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF119244.D
 Acq: 6 Mar 2020 7:45

Tgt Ion:172 Resp: 1673255
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.6 45.8
 170 24.5 20.2 30.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.02 min

Lab File: BF119244.D

Acq: 6 Mar 2020 7:45

Instrument :

BNA_F

ClientSampleId :

CR-2

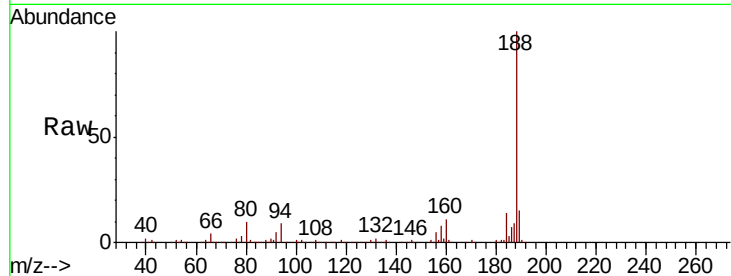
Tot Ion:188 Resp: 478706

Ion Ratio Lower Upper

188 100

94 9.0 7.1 10.7

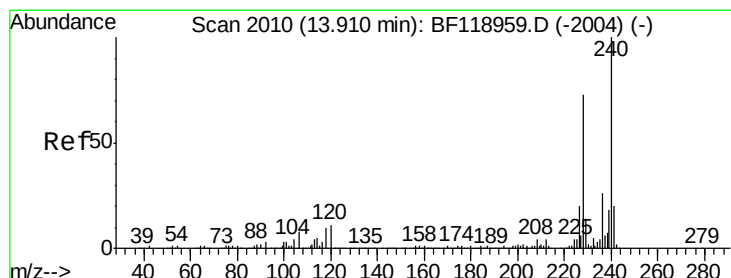
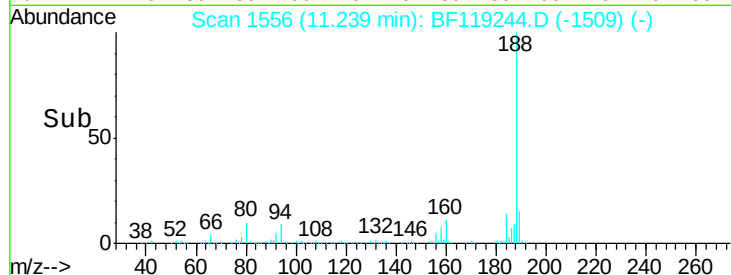
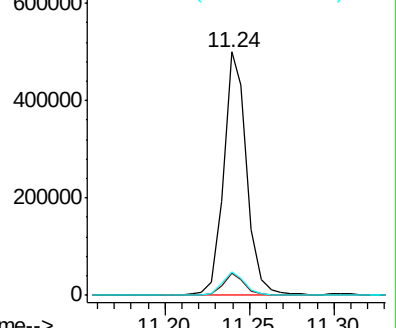
80 9.9 7.8 11.8



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: 13.88 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BF119244.D

Acq: 6 Mar 2020 7:45

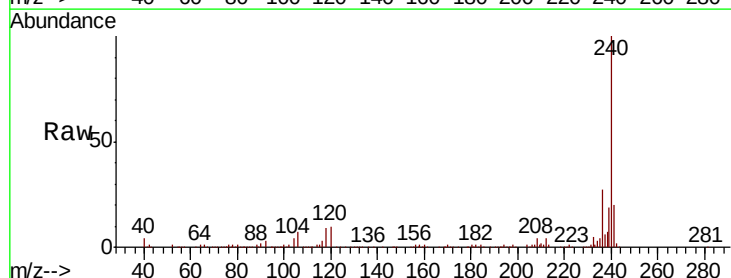
Tgt Ion:240 Resp: 265463

Ion Ratio Lower Upper

240 100

120 9.7 8.4 12.6

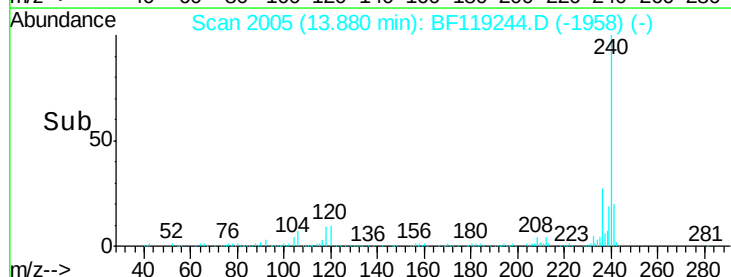
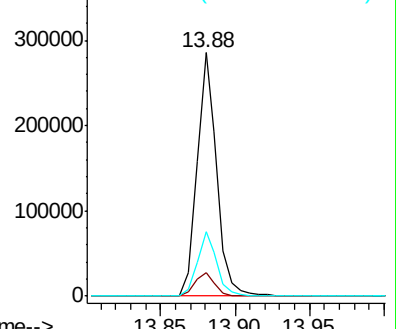
236 26.7 21.0 31.4

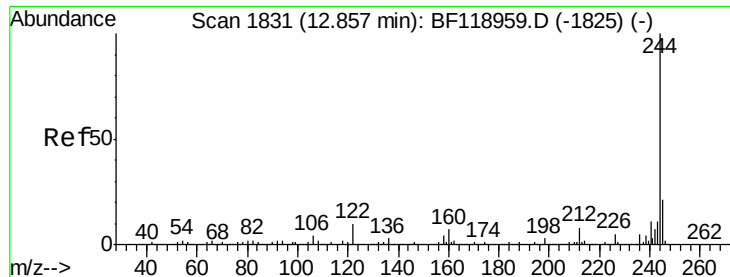


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 93.723 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF119244.D

Acq: 6 Mar 2020 7:45

Instrument :

BNA_F

ClientSampleId :

CR-2

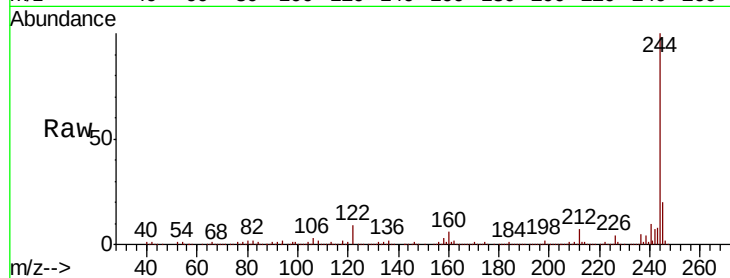
Tot Ion:244 Resp: 1445111

Ion Ratio Lower Upper

244 100

212 6.9 6.6 10.0

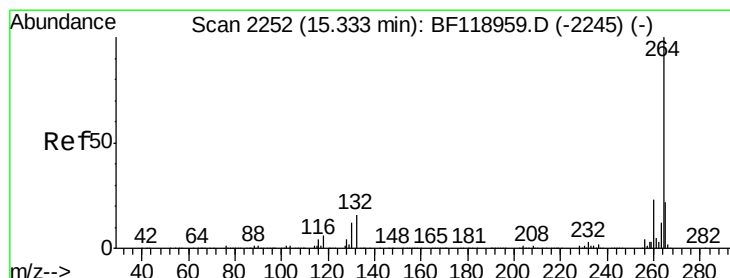
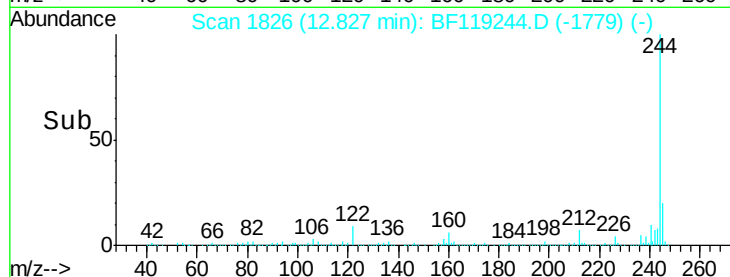
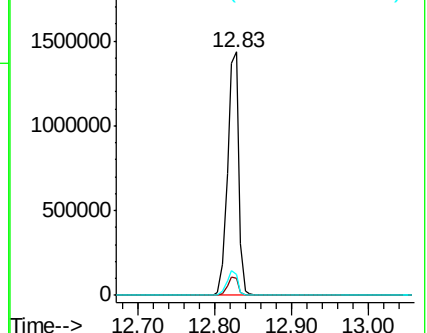
122 8.6 8.2 12.2



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: 15.30 min Scan# 2247

Delta R.T. -0.02 min

Lab File: BF119244.D

Acq: 6 Mar 2020 7:45

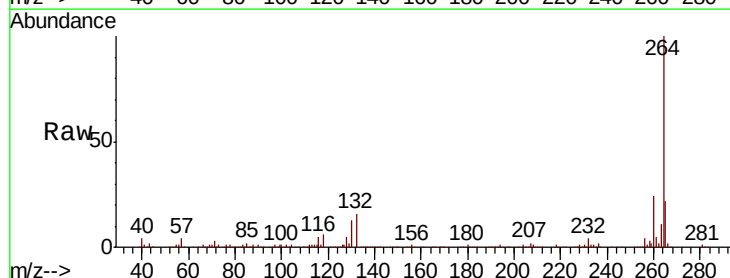
Tgt Ion:264 Resp: 319230

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

265 22.2 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

