

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042220\
 Data File : BF120143.D
 Acq On : 22 Apr 2020 20:42
 Operator : MA/SJ
 Sample : L2347-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-COMP

Quant Time: Apr 23 03:58:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 11:49:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	146934	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	562709	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	301983	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	575209	20.00	ng	0.00
76) Chrysene-d12	13.84	240	446558	20.00	ng	-0.01
87) Perylene-d12	15.24	264	361963	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1086565	127.80	ng	0.00
7) Phenol-d6	6.32	99	1257817	114.81	ng	-0.01
23) Nitrobenzene-d5	7.25	82	1016473	93.45	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	450286	121.79	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1964278	92.35	ng	0.00
79) Terphenyl-d14	12.80	244	2321451	87.47	ng	0.00

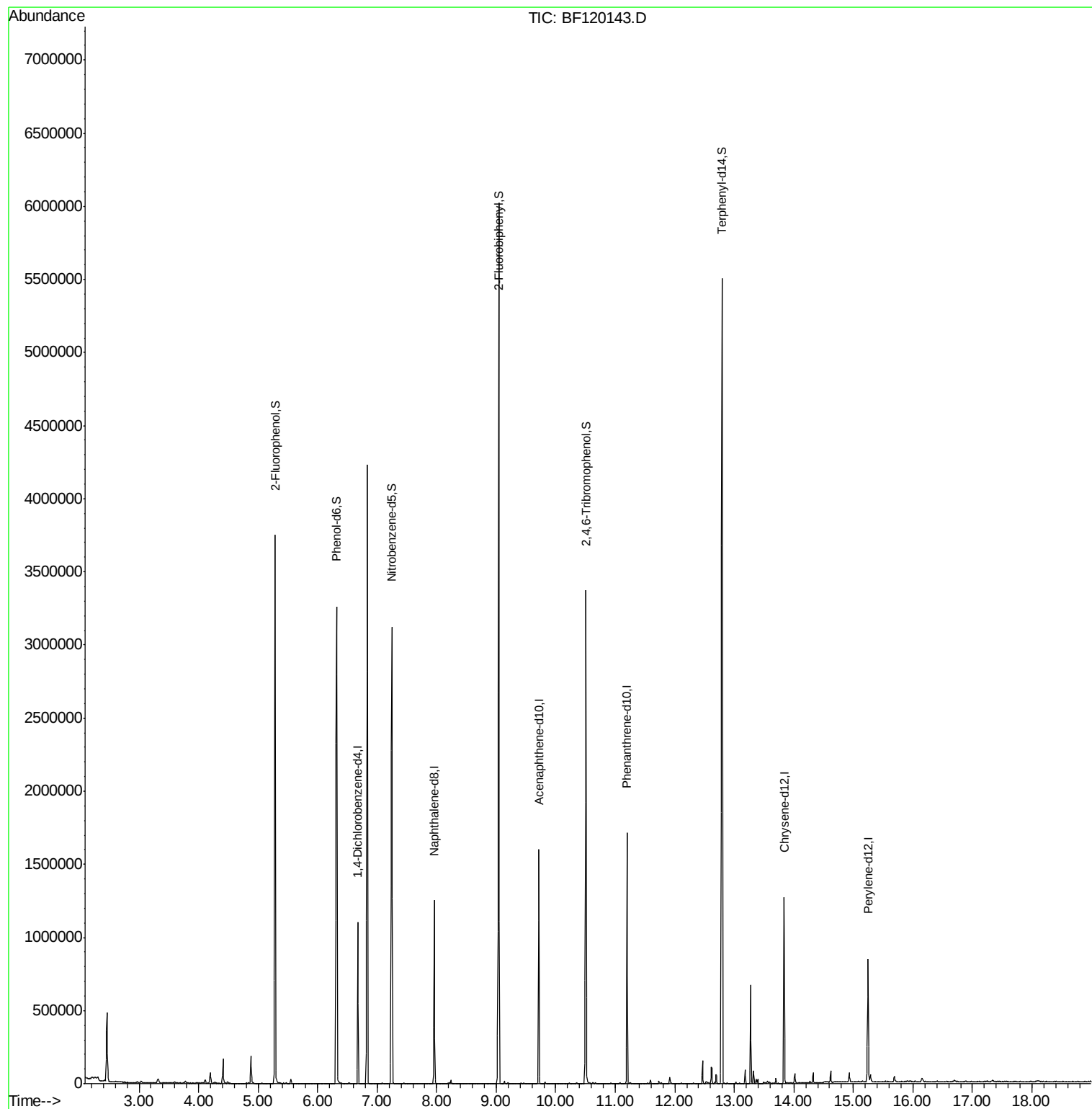
Target Compounds	Qvalue
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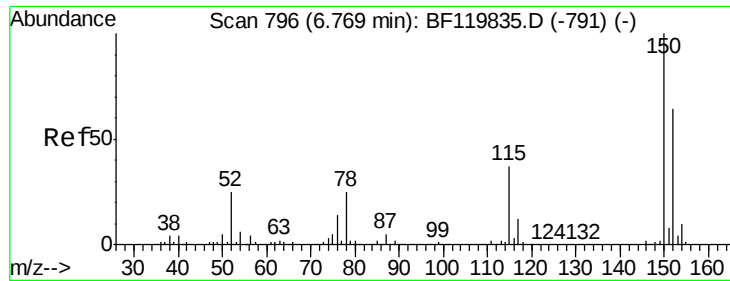
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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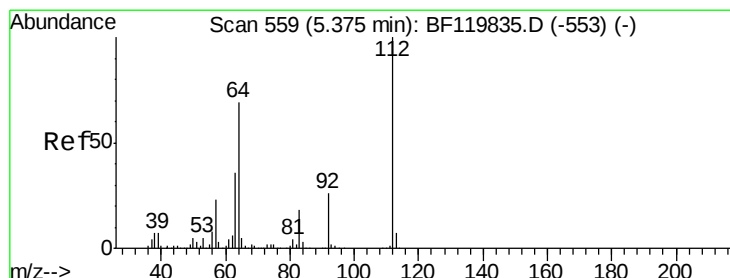
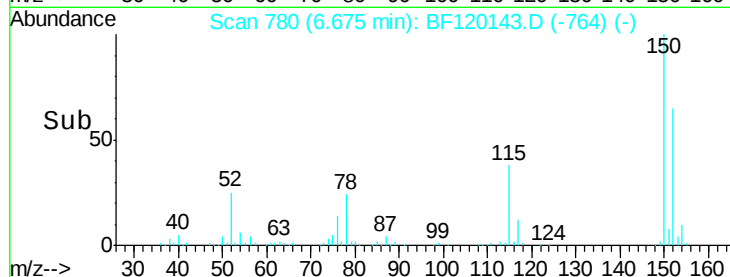
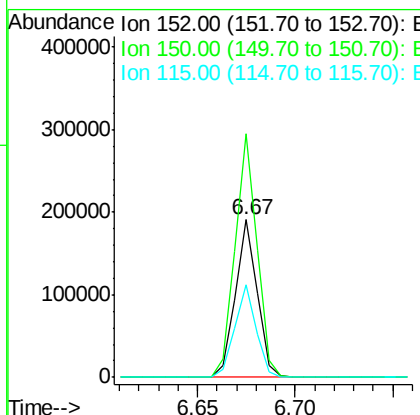
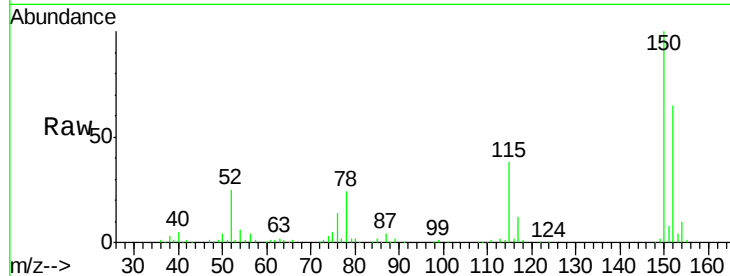




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.67 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF120143.D
 Acq: 22 Apr 2020 20:42

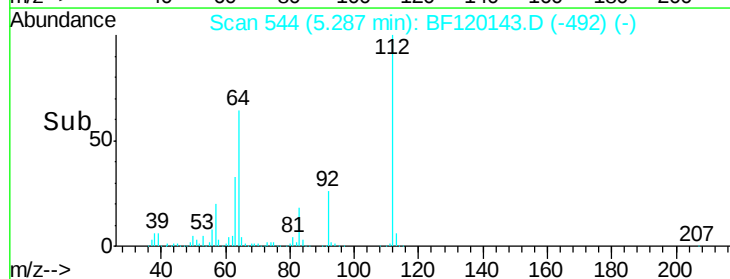
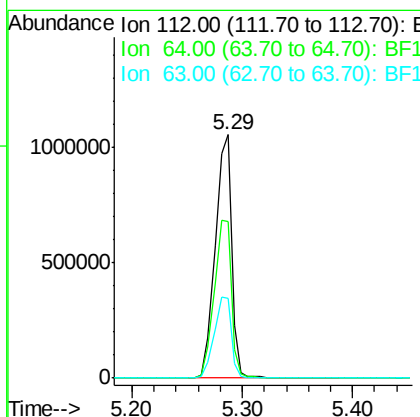
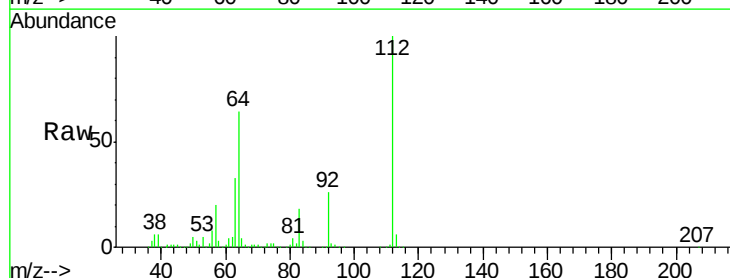
Instrument :
 BNA_F
 ClientSampleId :
 TP-4-COMP

Tgt Ion:152 Resp: 146934
 Ion Ratio Lower Upper
 152 100
 150 154.4 124.5 186.7
 115 59.0 49.6 74.4



#5
 2-Fluorophenol
 Concen: 127.80 ng
 RT: 5.29 min Scan# 544
 Delta R.T. 0.01 min
 Lab File: BF120143.D
 Acq: 22 Apr 2020 20:42

Tgt Ion:112 Resp: 1086565
 Ion Ratio Lower Upper
 112 100
 64 64.4 56.7 85.1
 63 33.0 29.5 44.3





#7

Phenol-d6

Concen: 114.81 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF120143.D

Acq: 22 Apr 2020 20:42

Instrument :

BNA_F

ClientSampleId :

TP-4-COMP

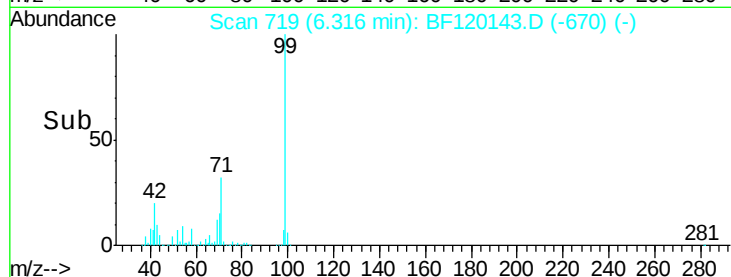
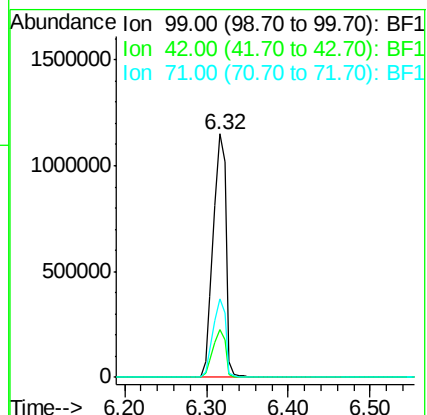
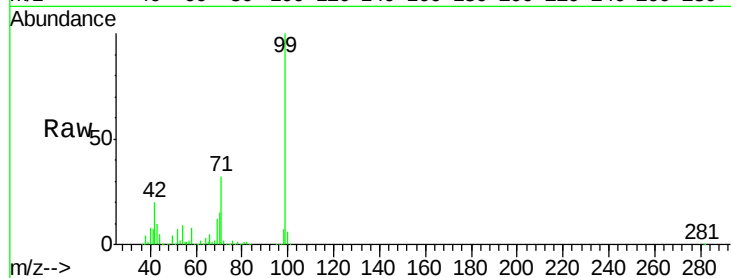
Tgt Ion: 99 Resp: 1257817

Ion Ratio Lower Upper

99 100

42 19.7 16.6 24.8

71 32.2 26.4 39.6



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF120143.D

Acq: 22 Apr 2020 20:42

Tgt Ion: 136 Resp: 562709

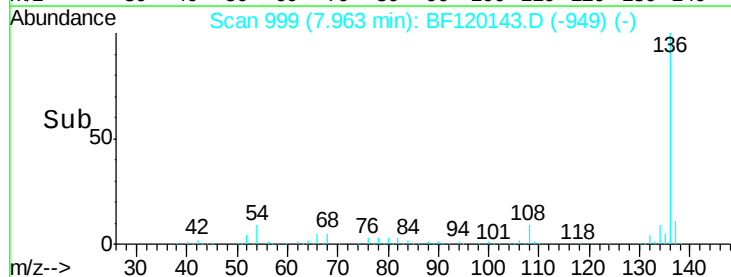
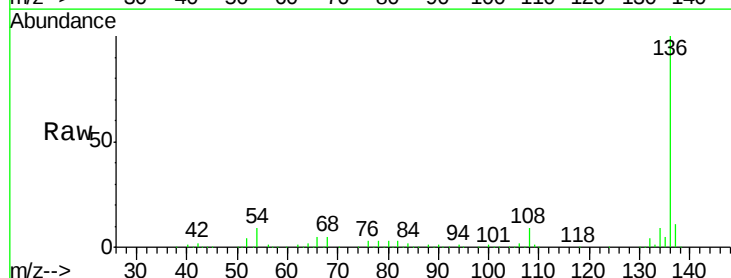
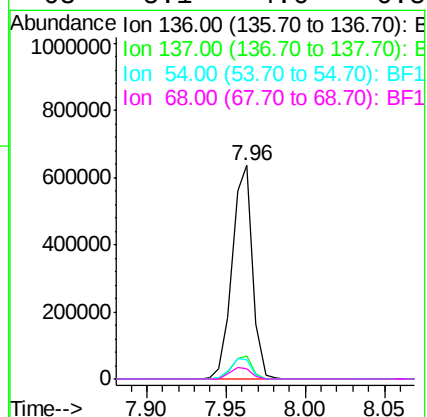
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 9.0 9.1 13.7#

68 5.1 4.6 6.8

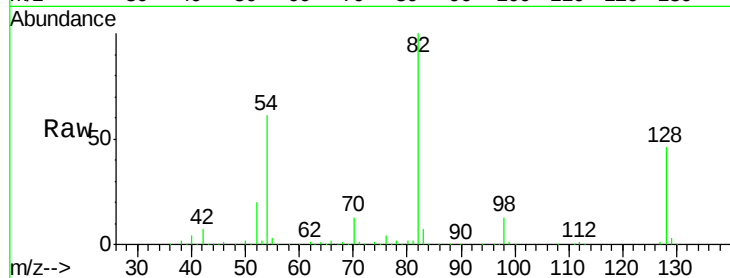




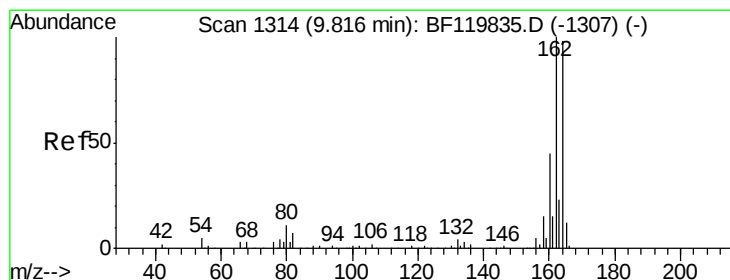
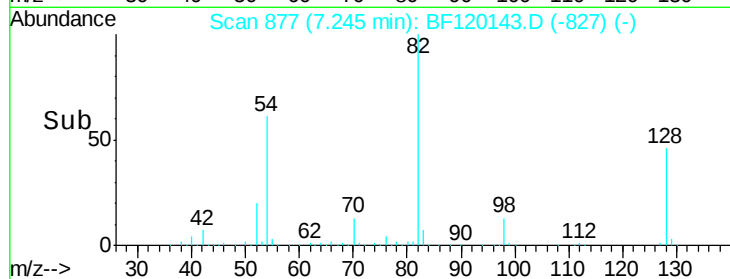
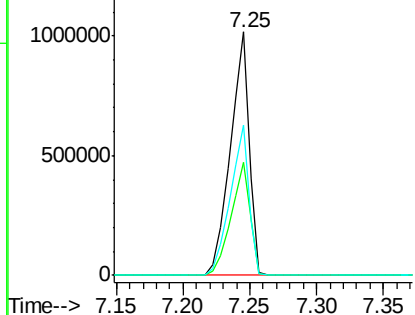
#23
Nitrobenzene-d5
Concen: 93.45 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF120143.D
Acq: 22 Apr 2020 20:42

Instrument :
BNA_F
ClientSampleId :
TP-4-COMP

Tgt Ion: 82 Resp: 1016473
Ion Ratio Lower Upper
82 100
128 46.3 36.3 54.5
54 61.5 50.6 75.8

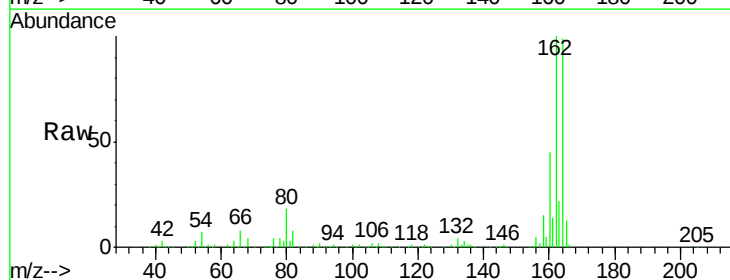


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

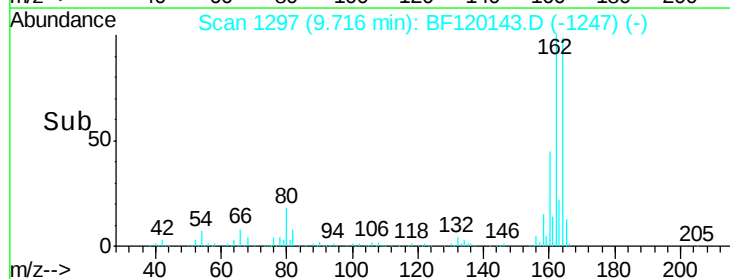
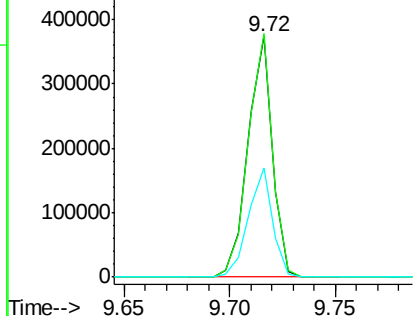


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF120143.D
Acq: 22 Apr 2020 20:42

Tgt Ion: 164 Resp: 301983
Ion Ratio Lower Upper
164 100
162 101.1 80.6 121.0
160 45.1 35.7 53.5



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

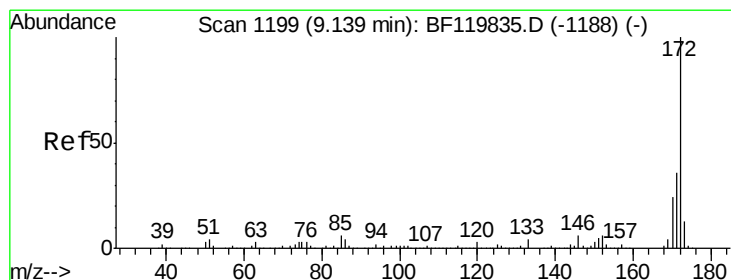
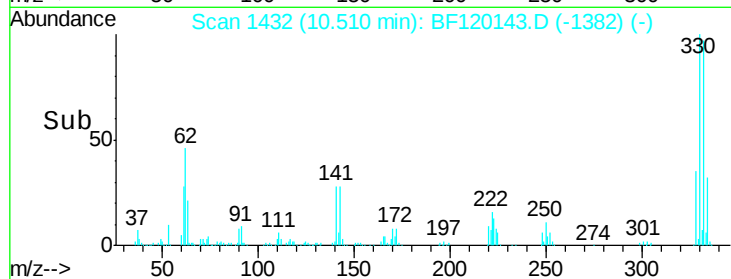
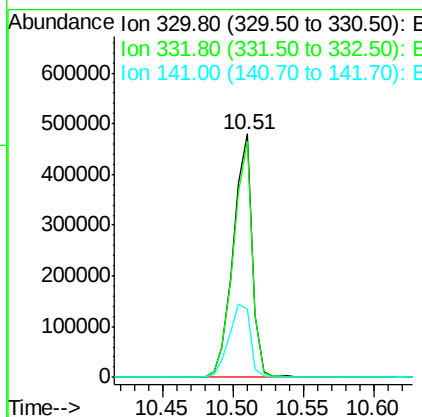
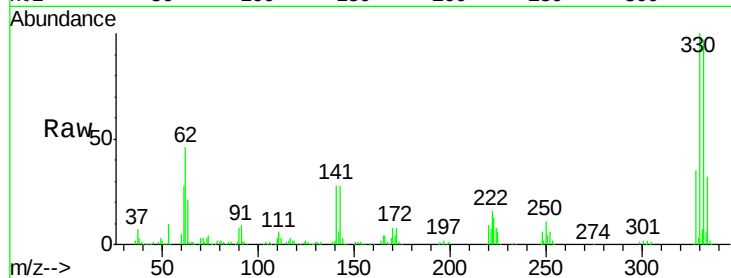




#42
 2,4,6-Tribromophenol
 Concen: 121.79 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF120143.D
 Acq: 22 Apr 2020 20:42

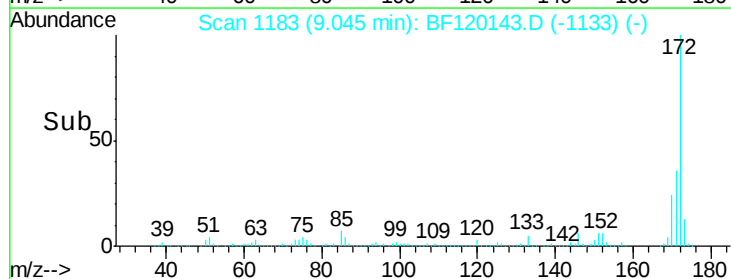
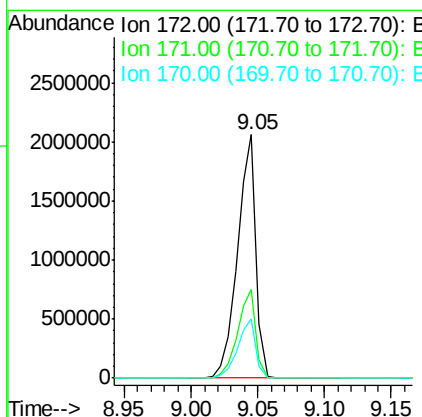
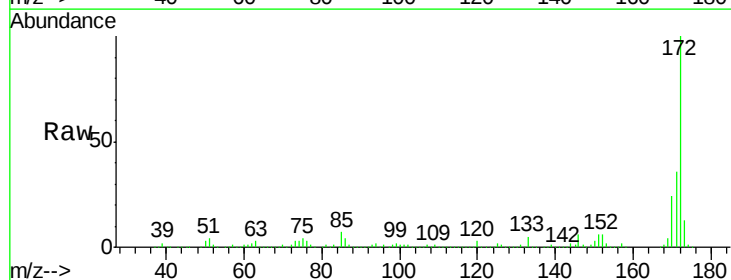
Instrument :
 BNA_F
 ClientSampleId :
 TP-4-COMP

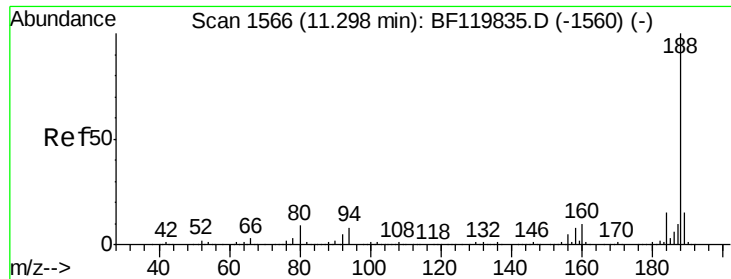
Tgt Ion:330 Resp: 450286
 Ion Ratio Lower Upper
 330 100
 332 97.1 75.7 113.5
 141 33.9 25.4 38.0



#45
 2-Fluorobiphenyl
 Concen: 92.35 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF120143.D
 Acq: 22 Apr 2020 20:42

Tgt Ion:172 Resp: 1964278
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.3 20.2 30.2

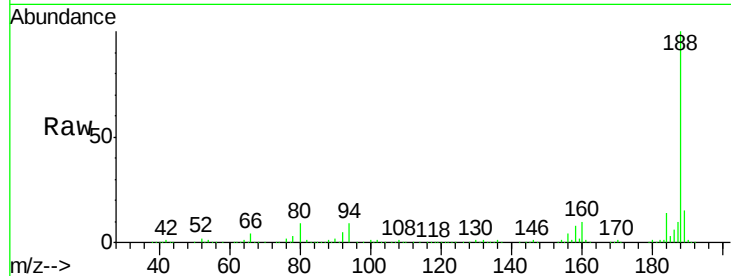




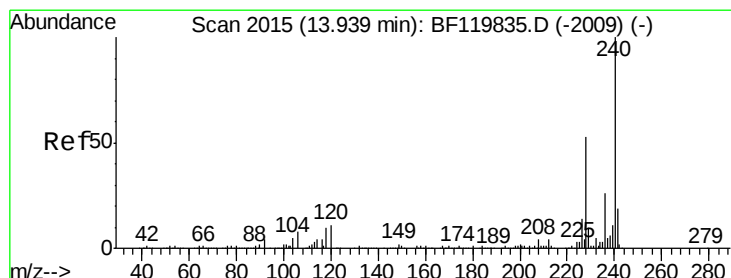
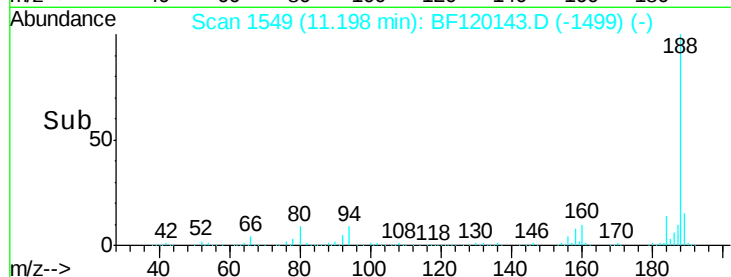
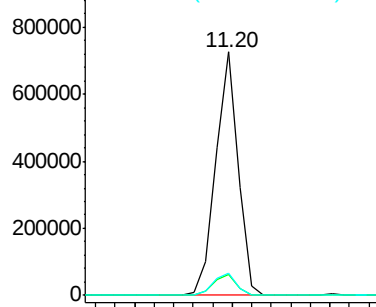
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF120143.D
Acq: 22 Apr 2020 20:42

Instrument :
BNA_F
ClientSampleId :
TP-4-COMP

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.5	11.3
80	9.1	9.0	13.4

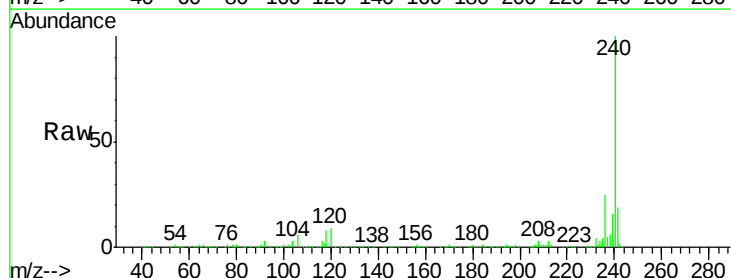


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

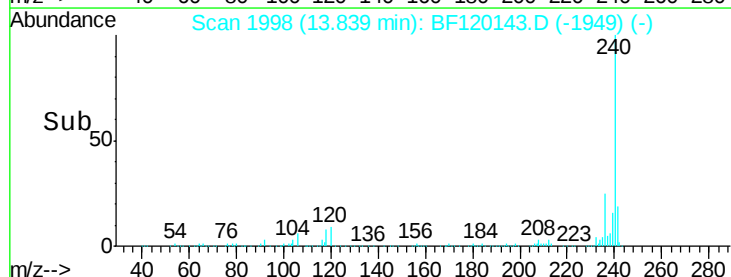
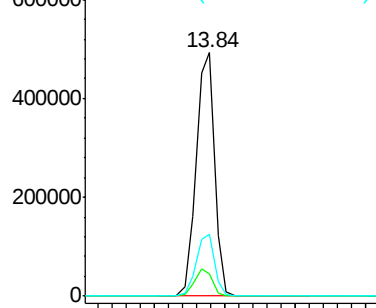


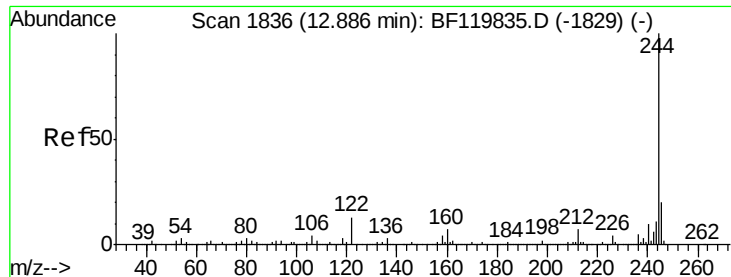
#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF120143.D
Acq: 22 Apr 2020 20:42

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.2	10.6	15.8#
236	25.3	20.2	30.2



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

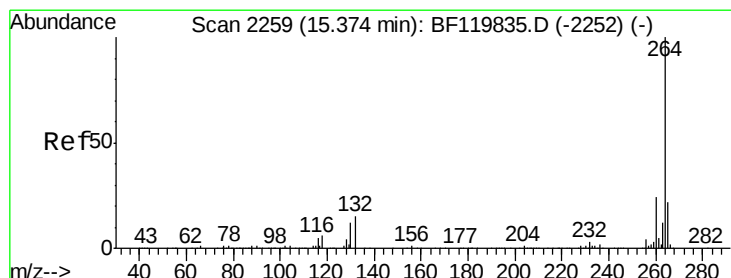
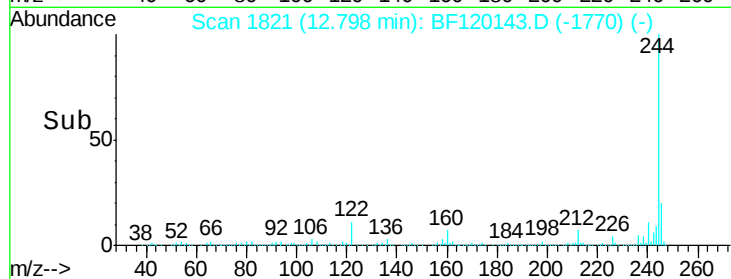
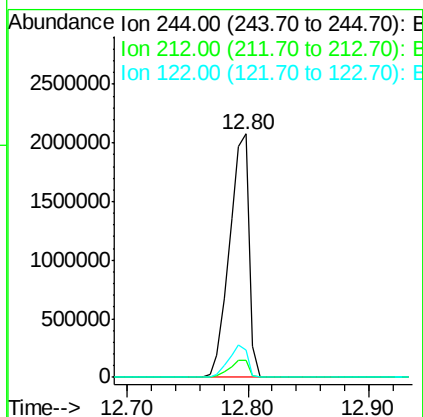
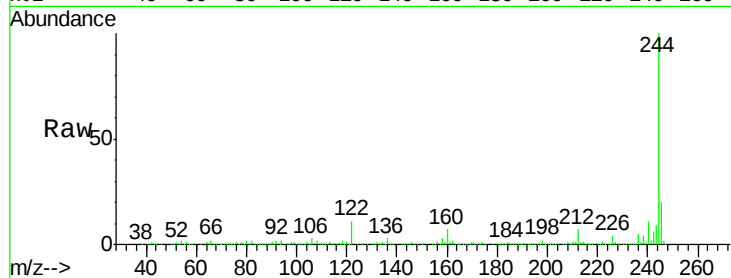




#79
 Terphenyl-d14
 Concen: 87.47 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BF120143.D
 Acq: 22 Apr 2020 20:42

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-COMP

Tgt Ion:244 Resp: 2321451
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 11.1 10.3 15.5



#87
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.24 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BF120143.D
 Acq: 22 Apr 2020 20:42

Tgt Ion:264 Resp: 361963
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.7 28.1
 265 21.6 17.7 26.5

