

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072020\
 Data File : BF120945.D
 Acq On : 20 Jul 2020 21:17
 Operator : JU/CG
 Sample : L3329-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LT-4

Quant Time: Jul 21 01:18:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

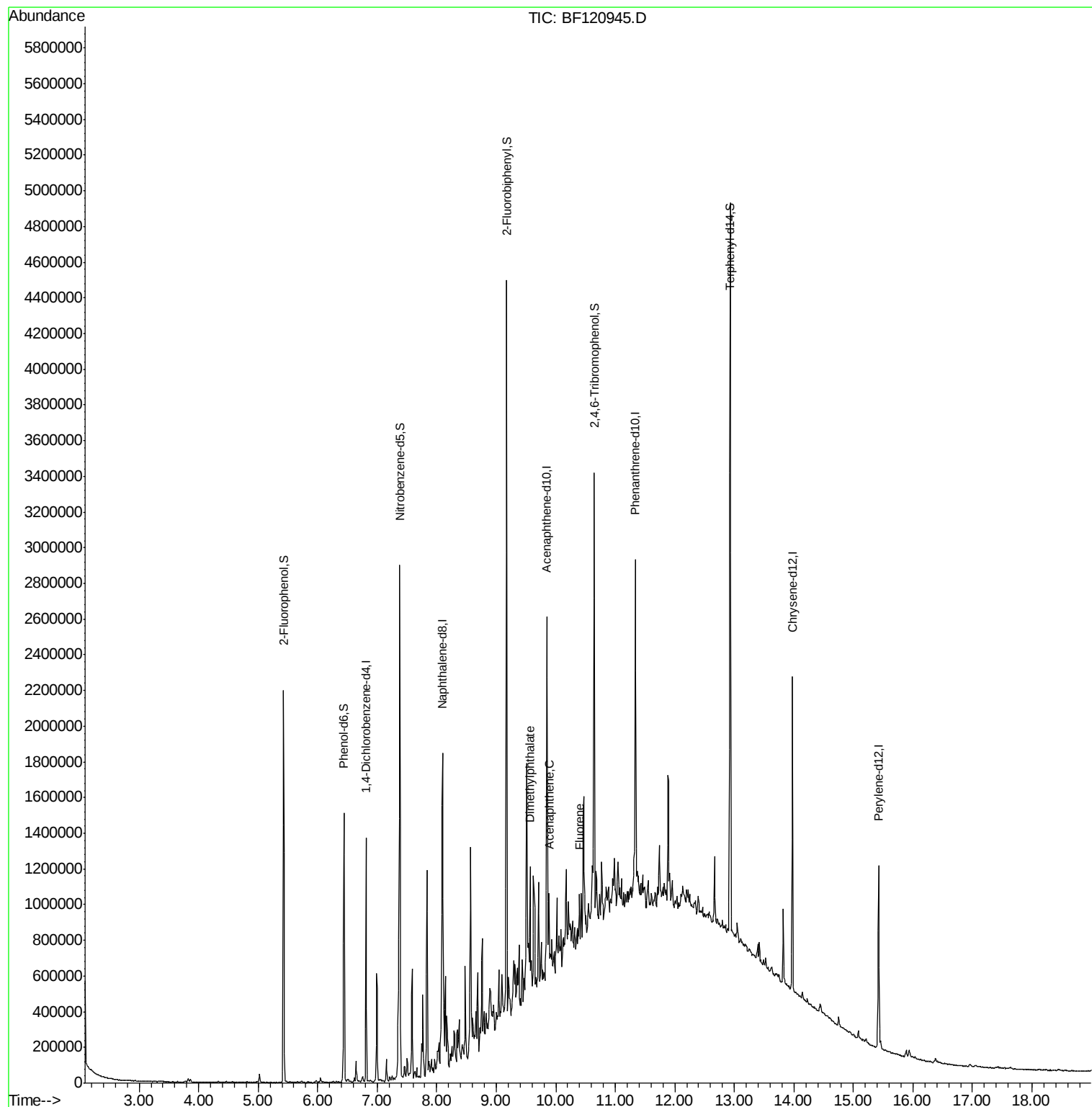
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	198788	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	761150	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	405704	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	739841	20.00	ng	0.00
76) Chrysene-d12	13.97	240	604843	20.00	ng	0.00
86) Perylene-d12	15.42	264	479315	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	615197	50.73	ng	0.00
7) Phenol-d6	6.44	99	543484	34.70	ng	0.00
23) Nitrobenzene-d5	7.38	82	938563	71.35	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	478834	107.83	ng	0.01
45) 2-Fluorobiphenyl	9.17	172	1639111	60.32	ng	0.00
79) Terphenyl-d14	12.93	244	1811157	65.09	ng	0.01
Target Compounds						
50) Dimethylphthalate	9.57	163	250326	8.553	ng	98
52) Acenaphthene	9.89	154	98951	3.971	ng	99
58) Fluorene	10.40	166	69268	2.577	ng	# 96

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

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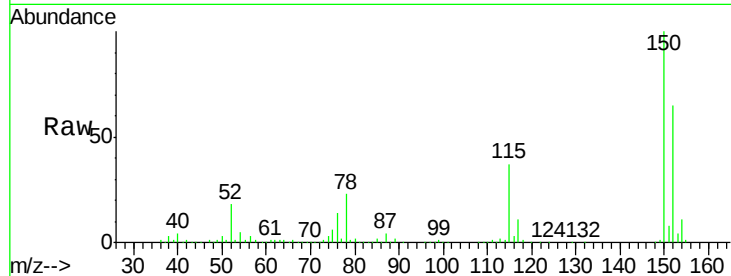


#1

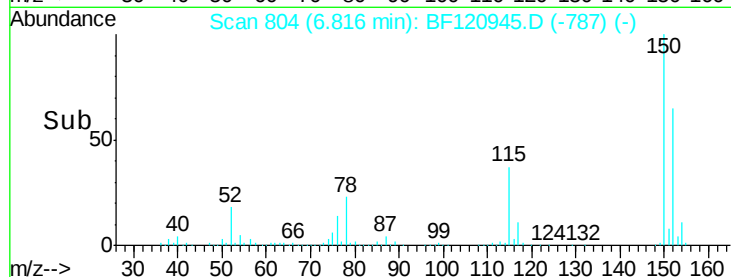
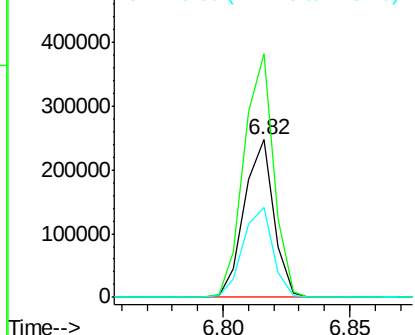
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120945.D
Acq: 20 Jul 2020 21:17

Instrument :
BNA_F
ClientSampleId :
LT-4

Tot Ion:152 Resp: 198788
Ion Ratio Lower Upper
152 100
150 154.8 125.0 187.6
115 57.0 47.0 70.4



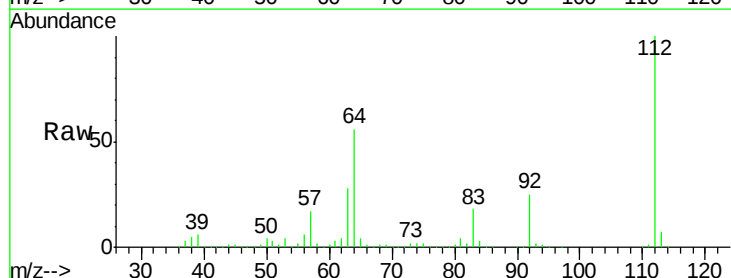
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



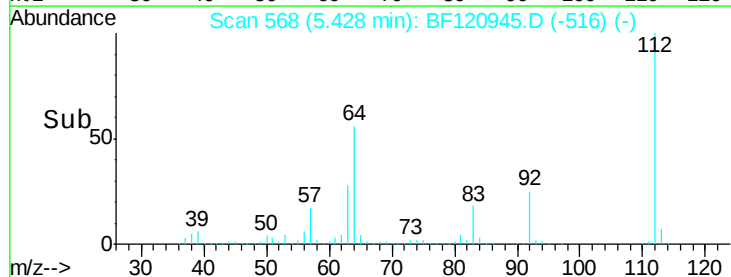
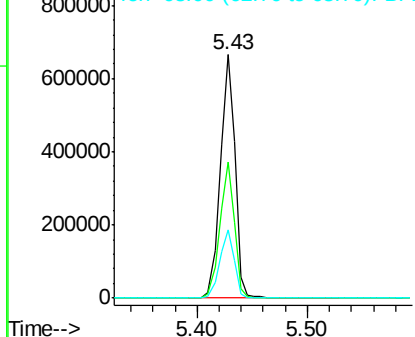
#5

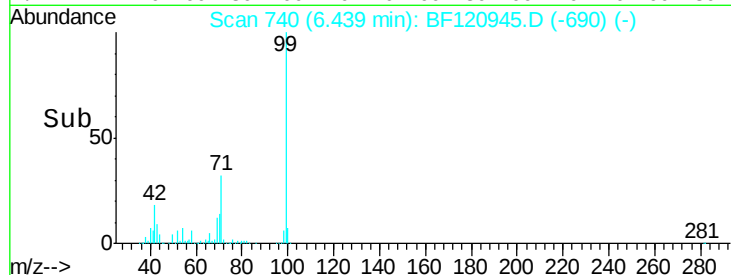
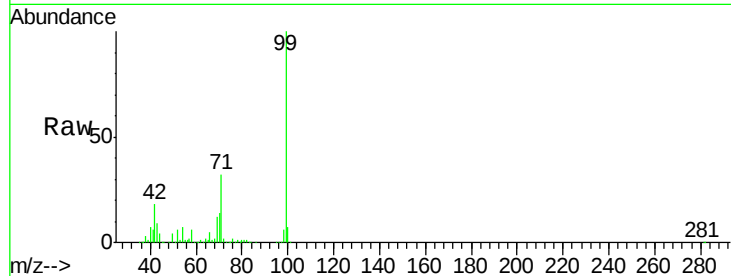
2-Fluorophenol
Concen: 50.734 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF120945.D
Acq: 20 Jul 2020 21:17

Tgt Ion:112 Resp: 615197
Ion Ratio Lower Upper
112 100
64 56.1 41.3 61.9
63 28.3 21.1 31.7



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: 34.697 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF120945.D

Acq: 20 Jul 2020 21:17

Instrument :

BNA_F

ClientSampleId :

LT-4

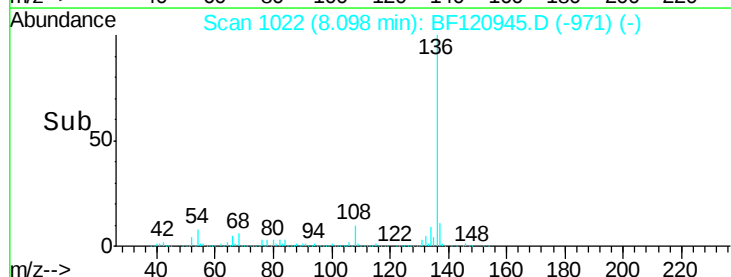
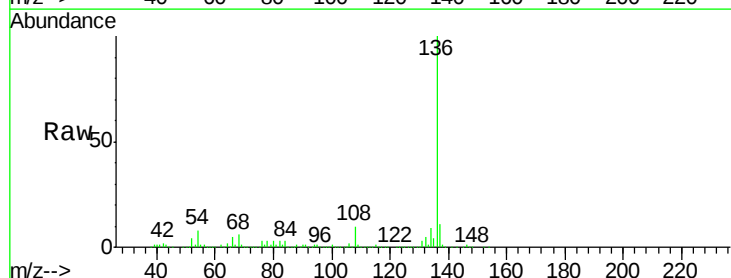
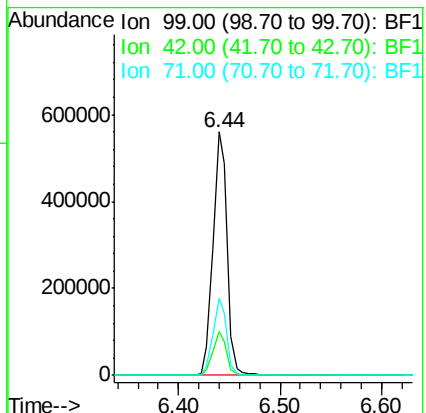
Tot Ion: 99 Resp: 543484

Ion Ratio Lower Upper

99 100

42 17.8 13.1 19.7

71 31.7 24.2 36.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF120945.D

Acq: 20 Jul 2020 21:17

Tgt Ion: 136 Resp: 761150

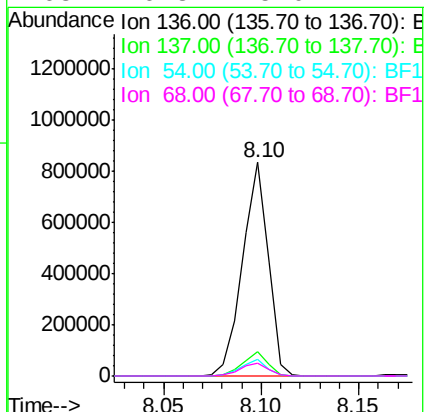
Ion Ratio Lower Upper

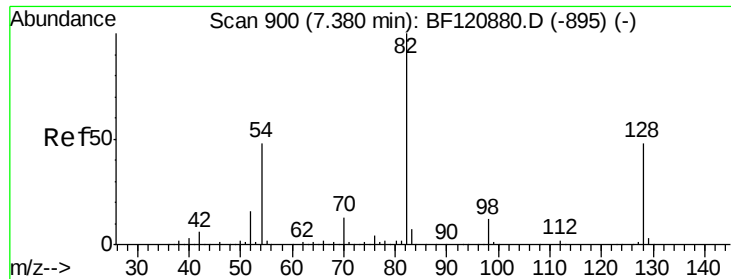
136 100

137 11.2 9.3 13.9

54 7.7 6.3 9.5

68 6.3 5.0 7.4

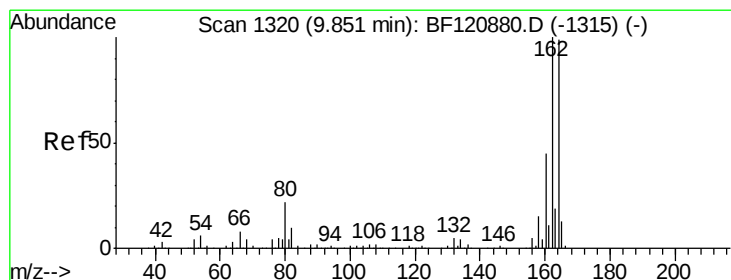
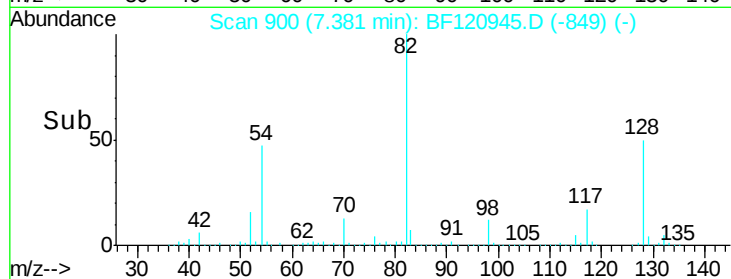
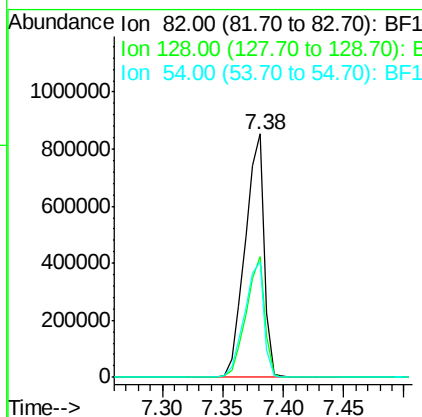
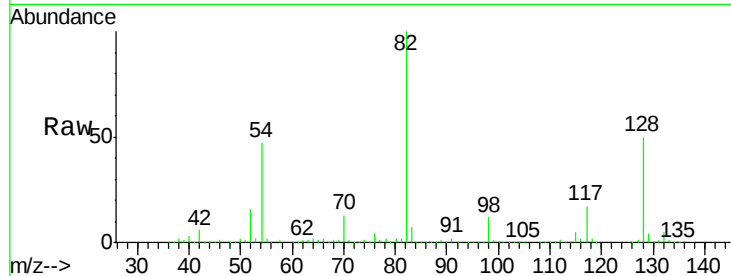




#23
Nitrobenzene-d5
Concen: 71.350 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF120945.D
Acq: 20 Jul 2020 21:17

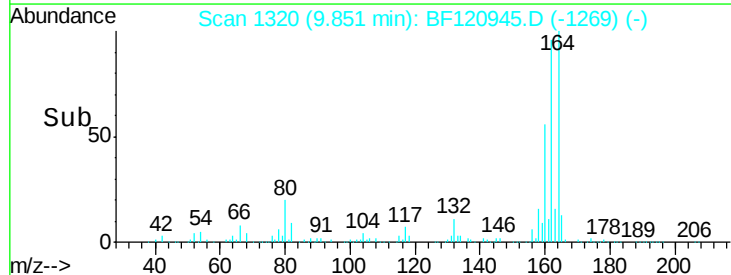
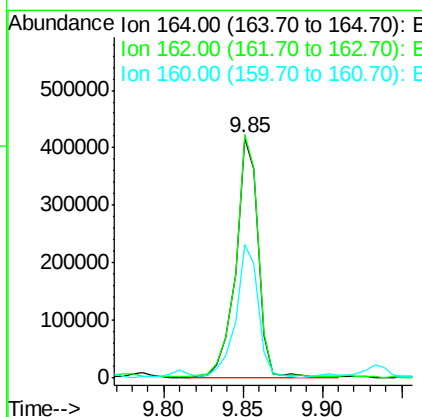
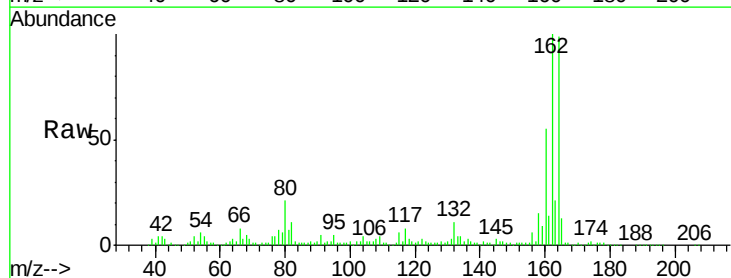
Instrument :
BNA_F
ClientSampleId :
LT-4

Tot Ion	82	Resp	938563
Ion Ratio	Lower	Upper	
82	100		
128	49.6	38.2	57.4
54	47.5	38.7	58.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF120945.D
Acq: 20 Jul 2020 21:17

Tgt Ion	164	Resp	405704
Ion Ratio	Lower	Upper	
164	100		
162	101.3	81.2	121.8
160	55.5	36.9	55.3#

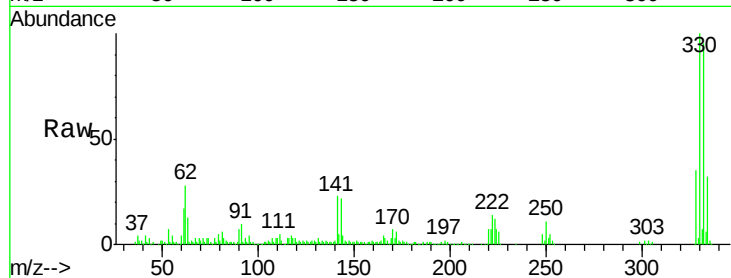




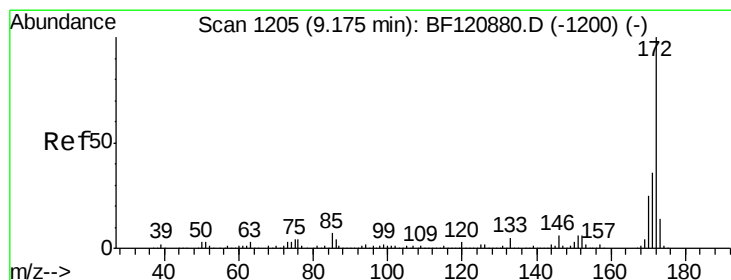
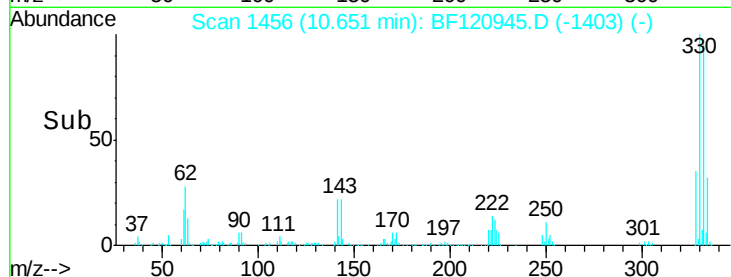
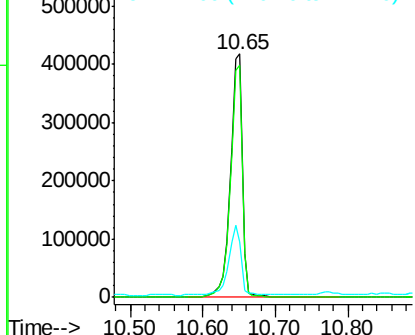
#42
 2,4,6-Tribromophenol
 Concen: 107.825 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. 0.01 min
 Lab File: BF120945.D
 Acq: 20 Jul 2020 21:17

Instrument :
 BNA_F
 ClientSampled :
 LT-4

Tot Ion:330 Resp: 478834
 Ion Ratio Lower Upper
 330 100
 332 95.8 75.5 113.3
 141 29.9 25.7 38.5

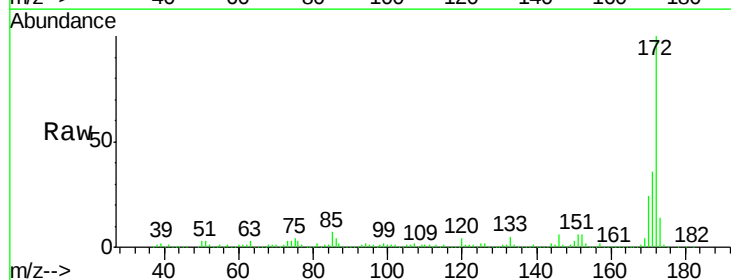


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

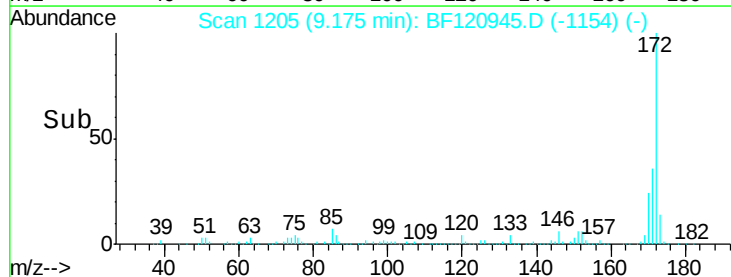
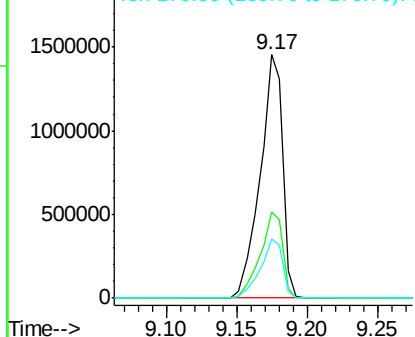


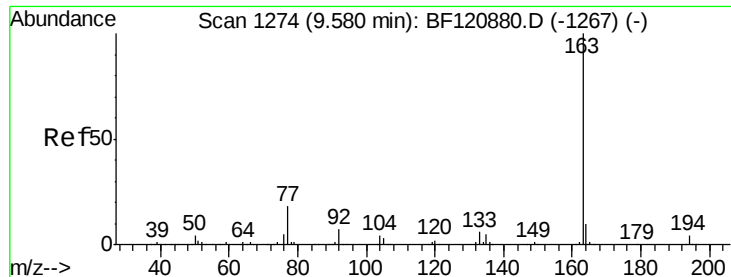
#45
 2-Fluorobiphenyl
 Concen: 60.321 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF120945.D
 Acq: 20 Jul 2020 21:17

Tgt Ion:172 Resp: 1639111
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.0 43.4
 170 24.4 19.6 29.4



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

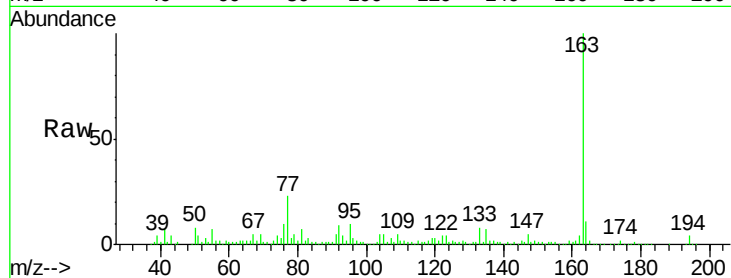




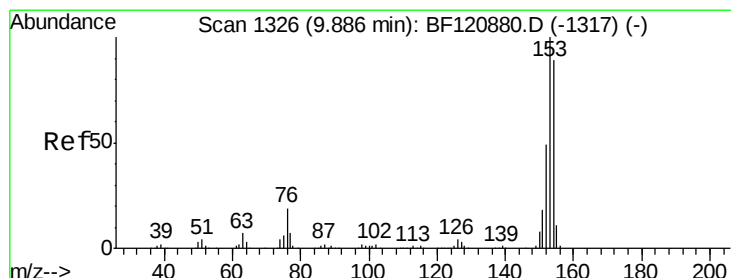
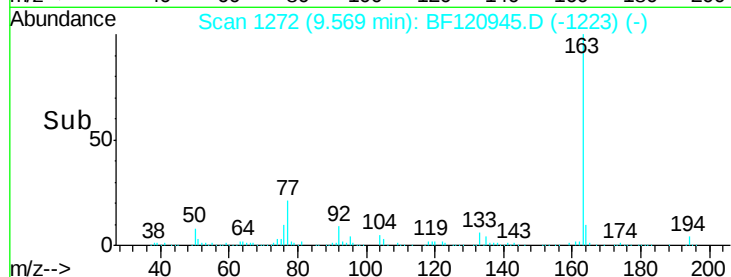
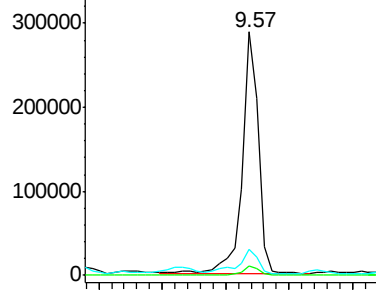
#50
Dimethylphthalate
Concen: 8.553 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF120945.D
Acq: 20 Jul 2020 21:17

Instrument :
BNA_F
ClientSampleId :
LT-4

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.7	7.9	11.9

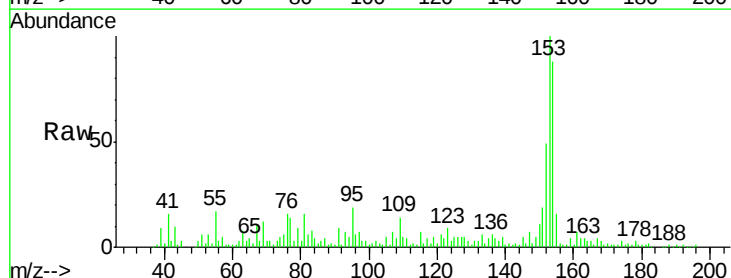


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

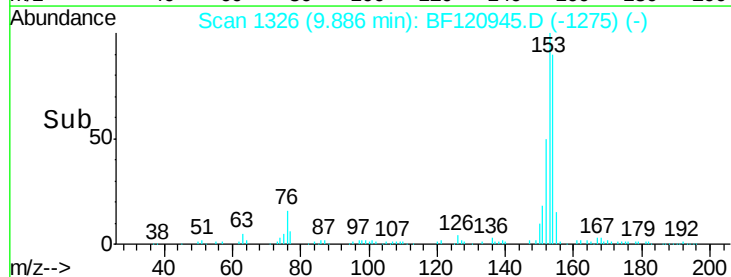
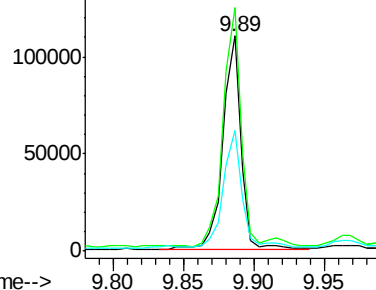


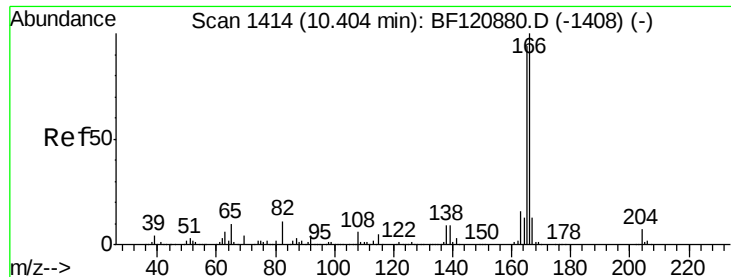
#52
Acenaphthene
Concen: 3.971 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF120945.D
Acq: 20 Jul 2020 21:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.2	89.5	134.3
152	56.0	44.2	66.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#58

Fluorene

Concen: 2.577 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BF120945.D

Acq: 20 Jul 2020 21:17

Instrument :

BNA_F

ClientSampleId :

LT-4

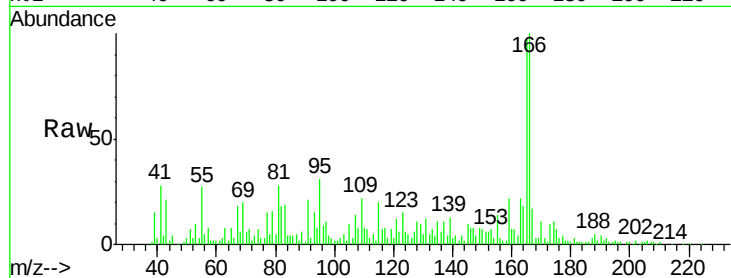
Tot Ion:166 Resp: 69268

Ion Ratio Lower Upper

166 100

165 97.5 75.4 113.0

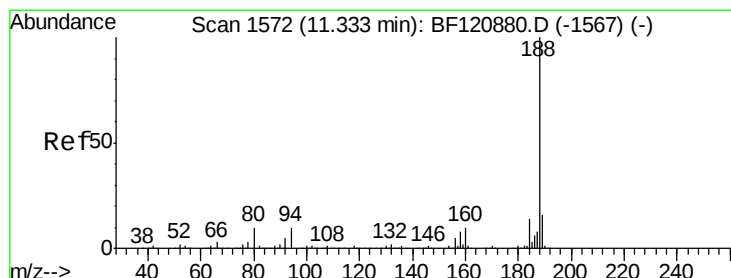
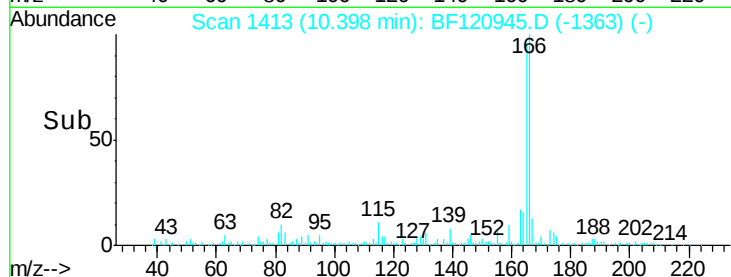
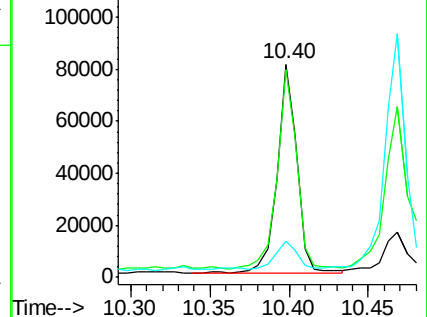
167 17.0 10.6 15.8#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.01 min

Lab File: BF120945.D

Acq: 20 Jul 2020 21:17

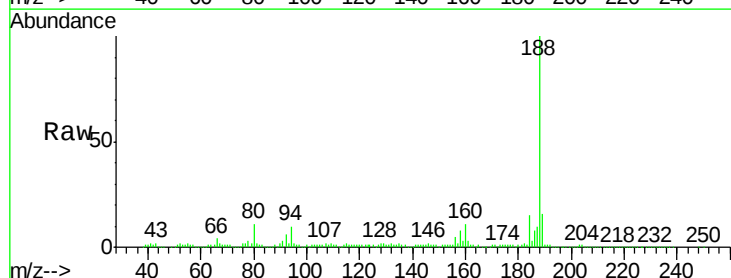
Tgt Ion:188 Resp: 739841

Ion Ratio Lower Upper

188 100

94 10.5 8.0 12.0

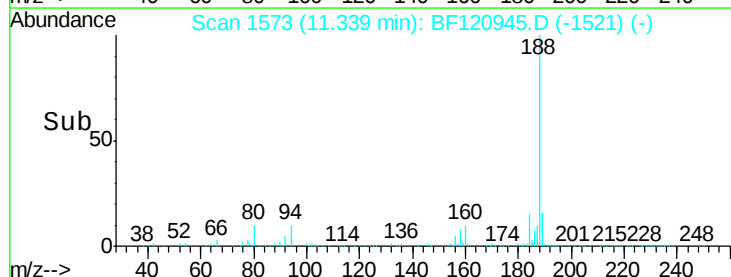
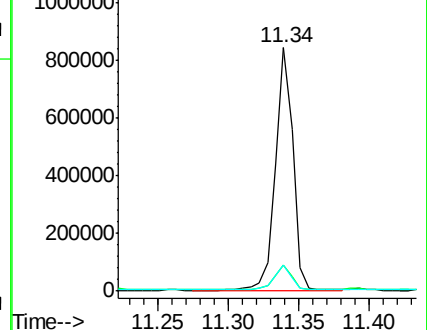
80 10.6 8.3 12.5

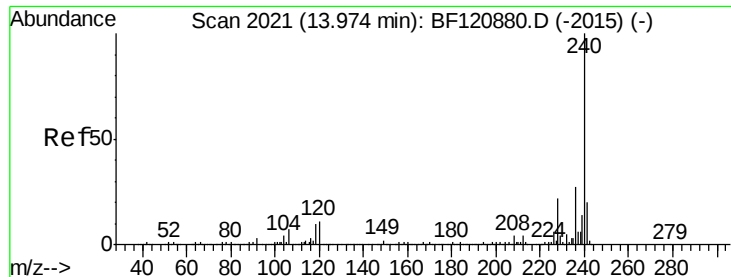


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

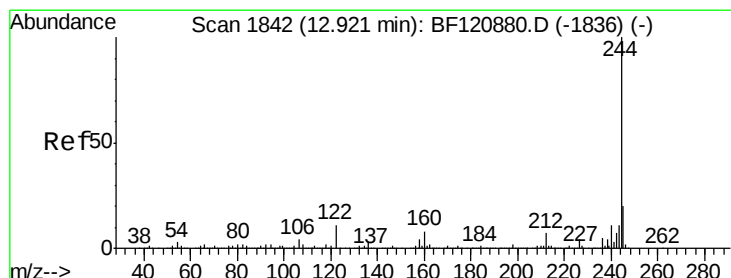
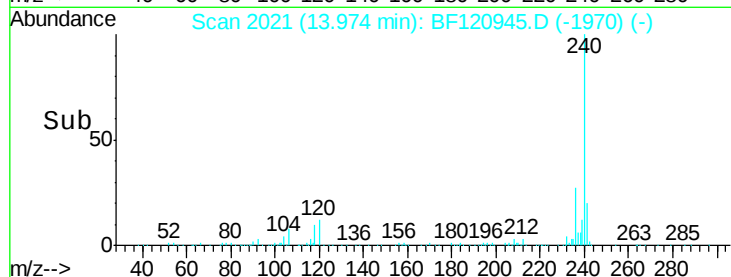
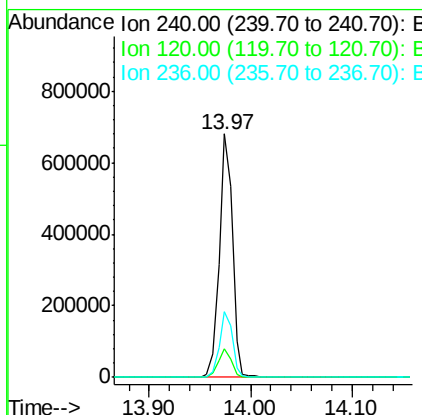
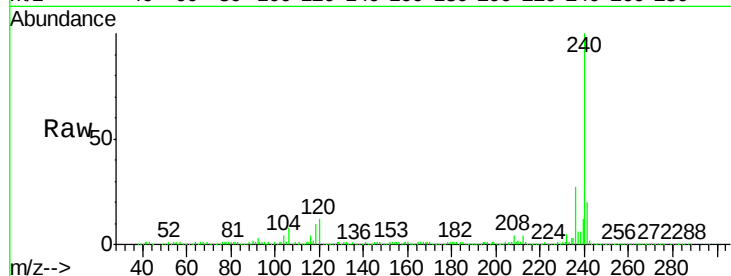




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF120945.D
Acq: 20 Jul 2020 21:17

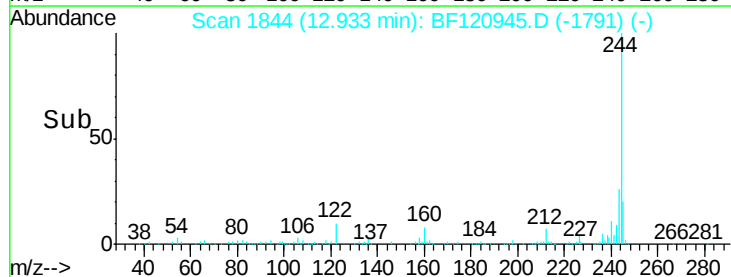
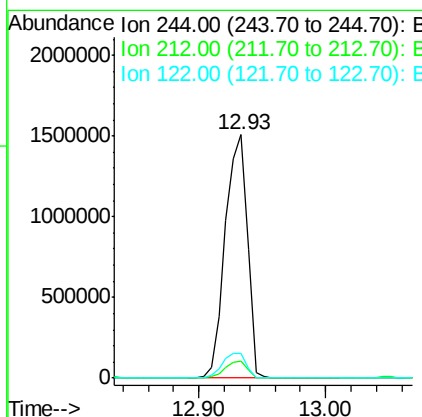
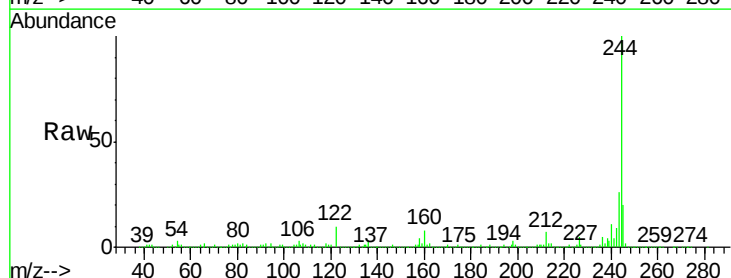
Instrument :
BNA_F
ClientSampleId :
LT-4

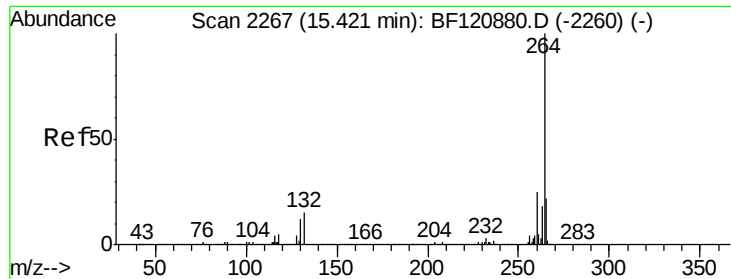
Tot Ion:240 Resp: 604843
Ion Ratio Lower Upper
240 100
120 11.9 9.0 13.4
236 27.0 21.7 32.5



#79
Terphenyl-d14
Concen: 65.092 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.01 min
Lab File: BF120945.D
Acq: 20 Jul 2020 21:17

Tgt Ion:244 Resp: 1811157
Ion Ratio Lower Upper
244 100
212 7.2 5.6 8.4
122 10.1 8.9 13.3





#86
Pervlène-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF120945.D
Acq: 20 Jul 2020 21:17

Instrument :
BNA_F
ClientSampleId :
LT-4

Tot Ion:	264	Resp:	479315
Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.0	30.0
265	21.8	17.4	26.2

