

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071320\
 Data File : BF120851.D
 Acq On : 13 Jul 2020 14:14
 Operator : JU/CG
 Sample : L3184-06
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-070920

Quant Time: Jul 13 14:54:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 14:16:14 2020
 Response via : Initial Calibration

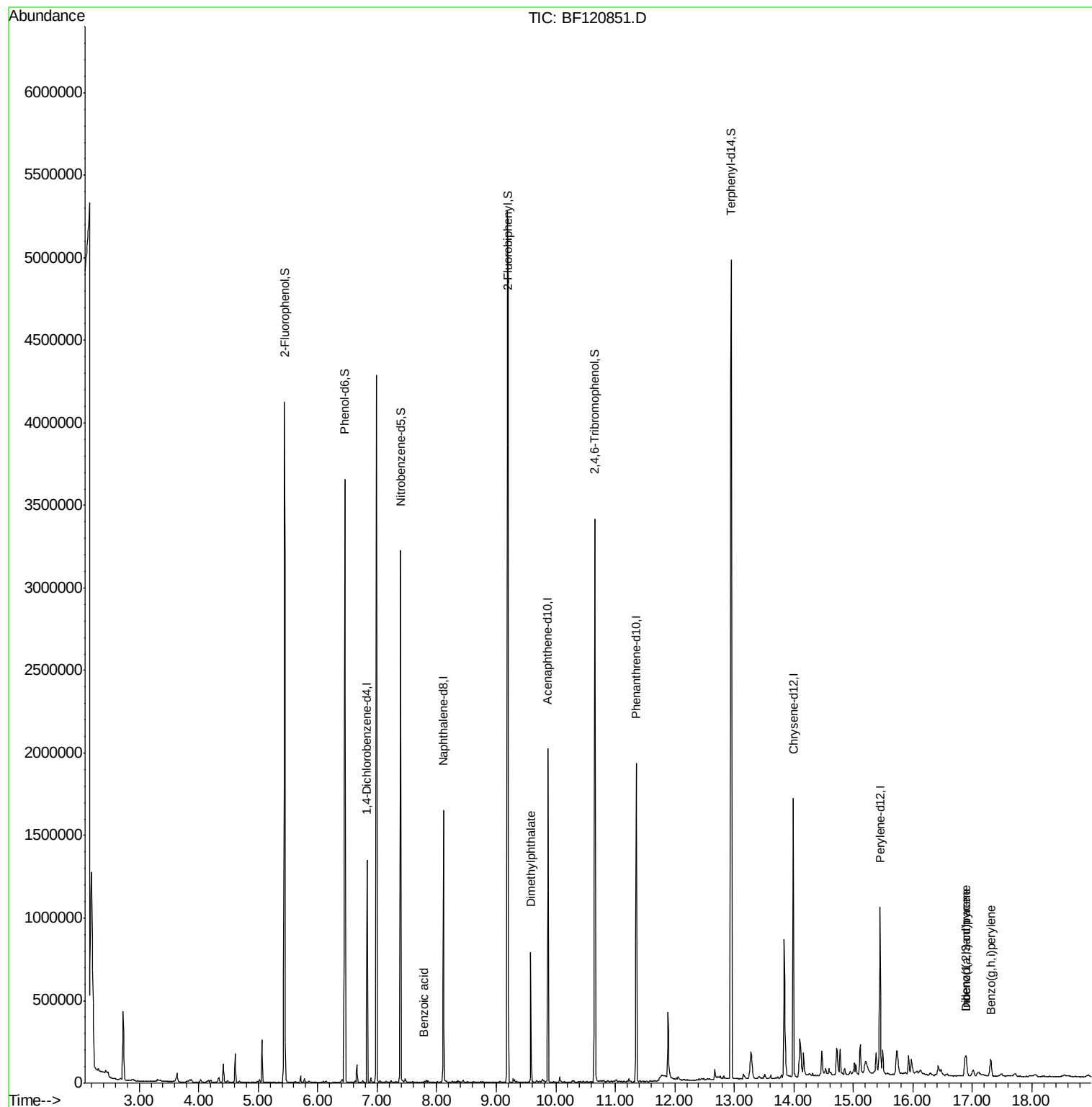
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	196727	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	736121	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	381283	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	705964	20.00	ng	0.00
76) Chrysene-d12	13.99	240	564840	20.00	ng	-0.01
86) Perylene-d12	15.45	264	465212	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1392976	109.30	ng	0.00
7) Phenol-d6	6.46	99	1493445	91.76	ng	0.00
23) Nitrobenzene-d5	7.39	82	1224204	96.35	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	516292	134.78	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1964639	77.96	ng	0.00
79) Terphenyl-d14	12.94	244	2244727	77.81	ng	0.00
Target Compounds						
32) Benzoic acid	7.79	122	1838	4.441	ng	90
50) Dimethylphthalate	9.58	163	299266	10.760	ng	100
87) Indeno(1,2,3-cd)pyrene	16.88	276	85885	2.878	ng	98
91) Dibenzo(a,h)anthracene	16.90	278	68545	2.756	ng	98
92) Benzo(g,h,i)perylene	17.31	276	78479	3.453	ng	99

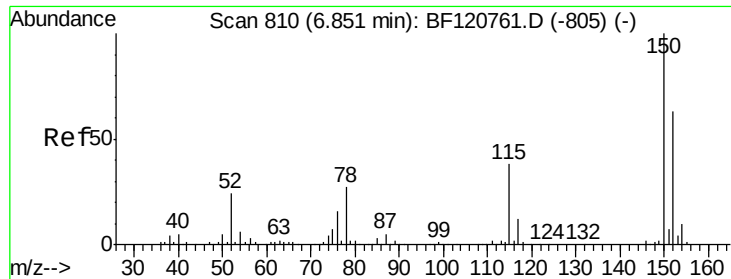
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071320\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 14:16:14 2020
Response via : Initial Calibration



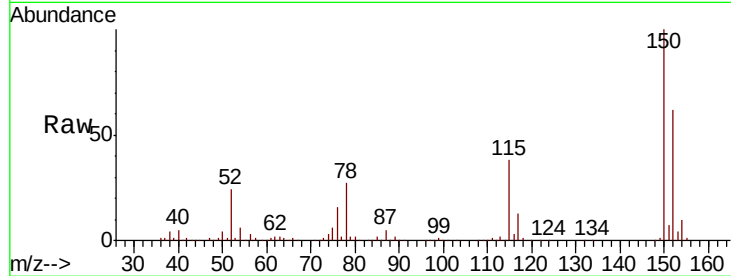


#1

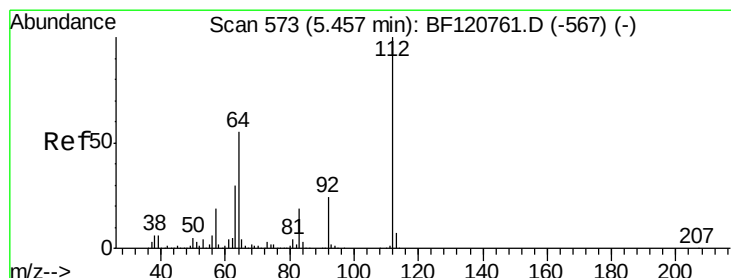
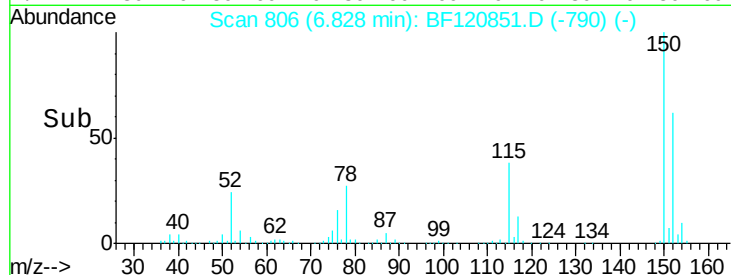
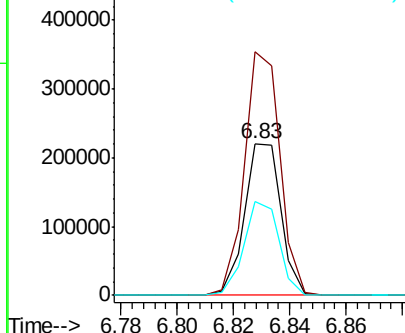
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF120851.D
 Acq: 13 Jul 2020 14:14

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-070920

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	126.1	189.1
115	61.8	48.5	72.7



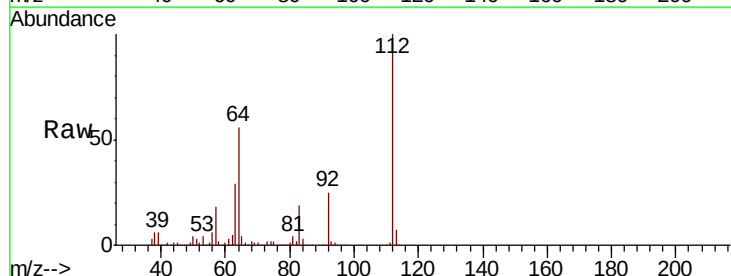
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



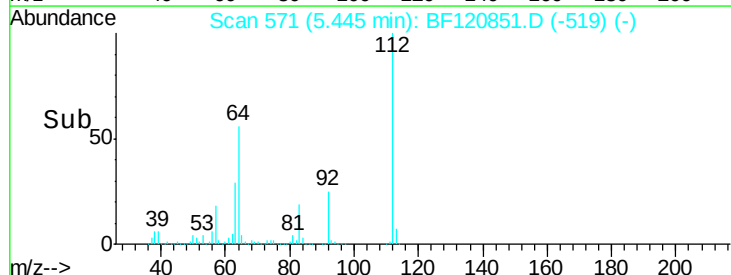
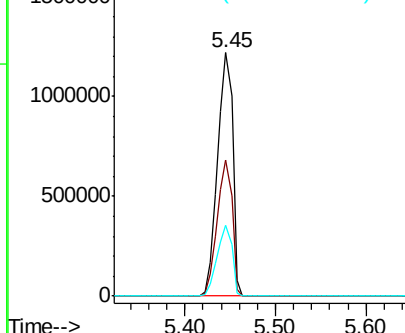
#5

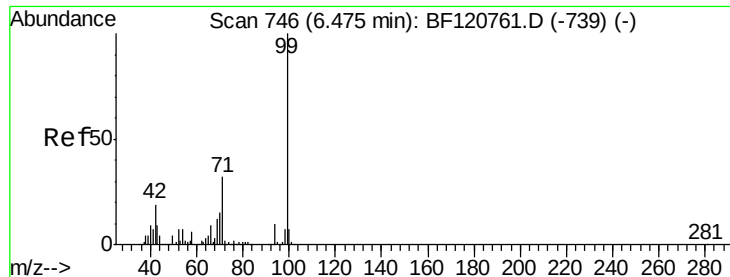
2-Fluorophenol
 Concen: 109.302 ng
 RT: 5.45 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: BF120851.D
 Acq: 13 Jul 2020 14:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.8	43.8	65.6
63	29.2	23.6	35.4



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: 91.763 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF120851.D

Acq: 13 Jul 2020 14:14

Instrument :

BNA_F

ClientSampleId :

EO-02-070920

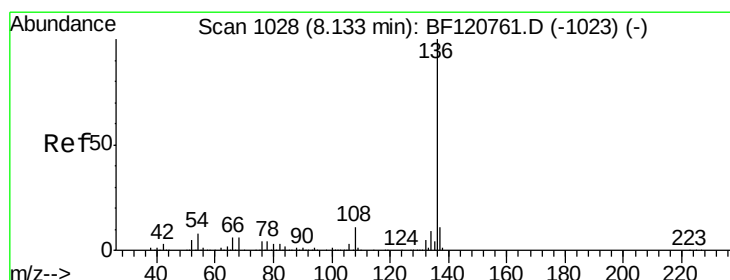
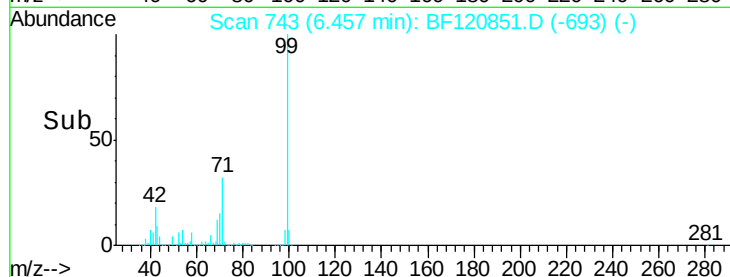
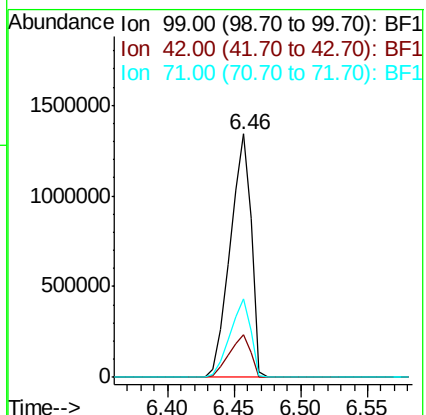
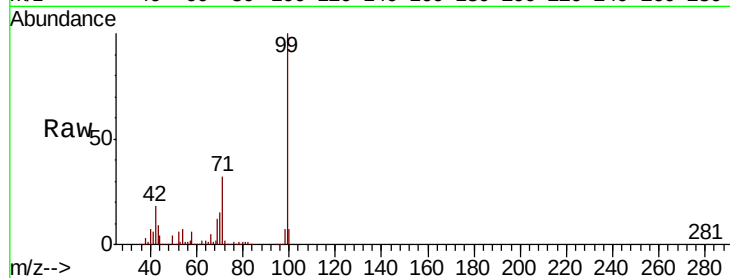
Tot Ion: 99 Resp: 1493445

Ion Ratio Lower Upper

99 100

42 17.7 15.4 23.0

71 32.2 25.9 38.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF120851.D

Acq: 13 Jul 2020 14:14

Tgt Ion: 136 Resp: 736121

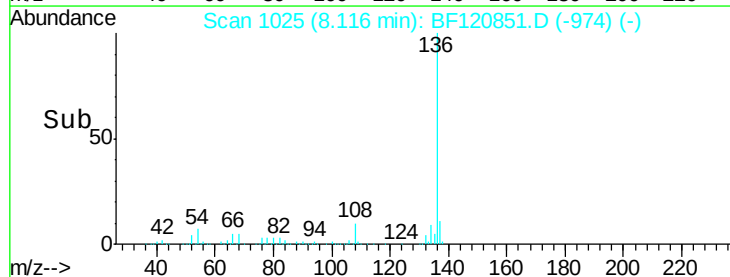
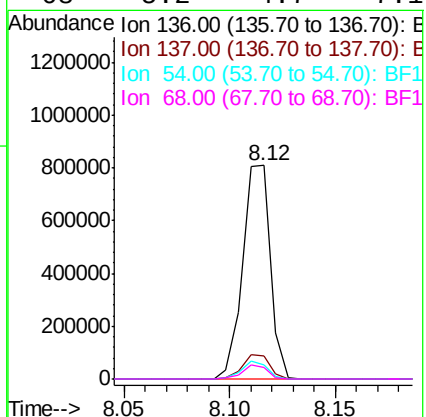
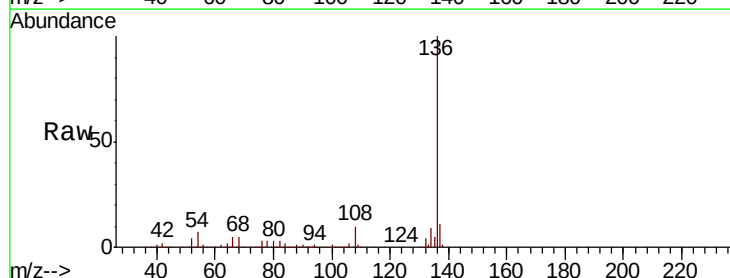
Ion Ratio Lower Upper

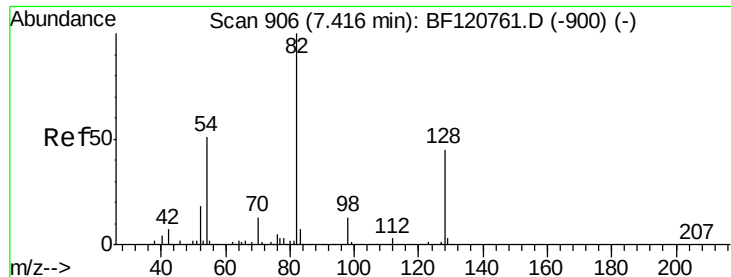
136 100

137 10.8 9.0 13.6

54 6.9 6.2 9.4

68 5.2 4.7 7.1

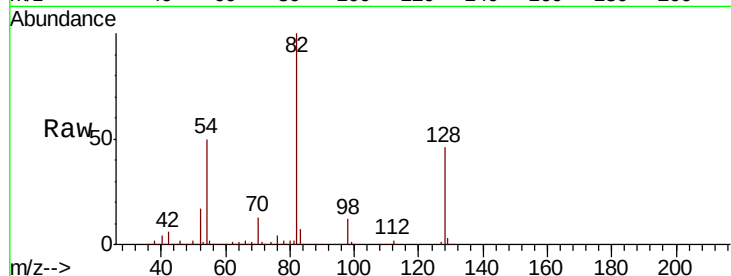




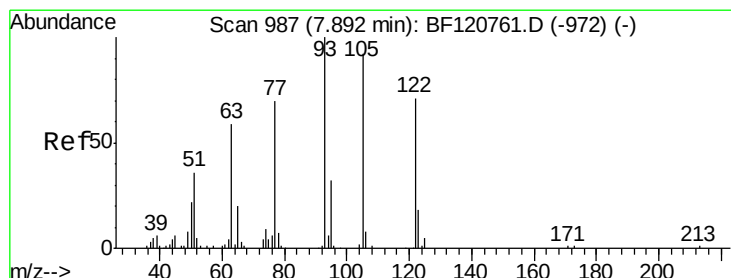
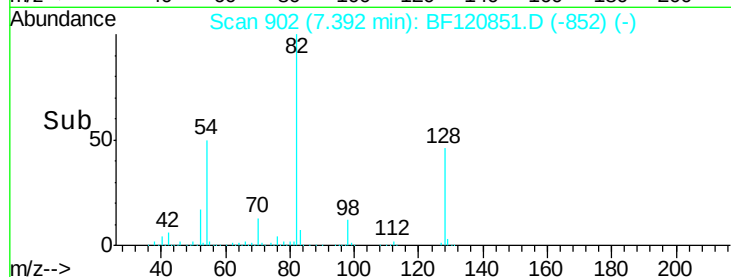
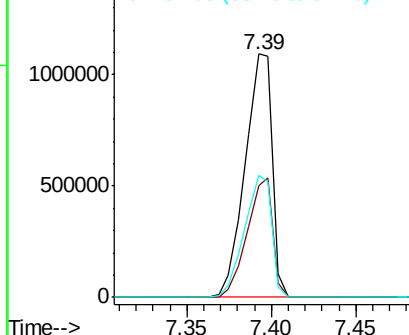
#23
Nitrobenzene-d5
Concen: 96.353 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF120851.D
Acq: 13 Jul 2020 14:14

Instrument :
BNA_F
ClientSampleId :
EO-02-070920

Tot Ion: 82 Resp: 1224204
Ion Ratio Lower Upper
82 100
128 45.7 35.7 53.5
54 50.3 40.9 61.3

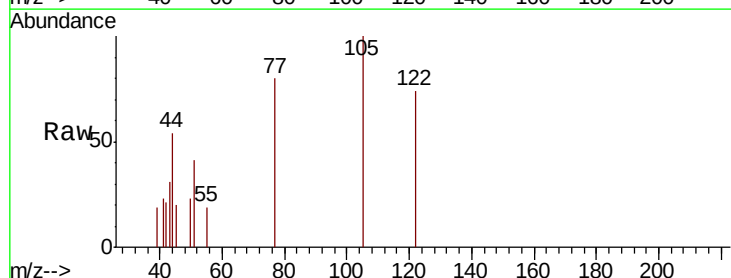


Abundance Ion 82.00 (81.70 to 82.70): BF1
1500000 Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

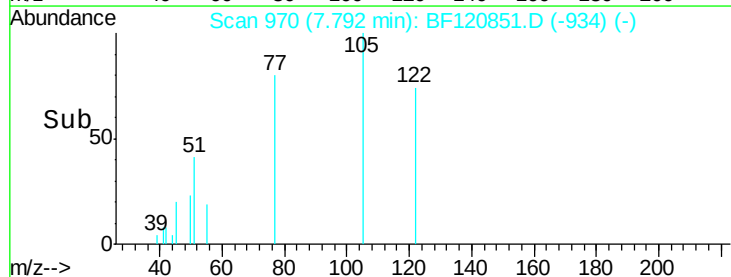
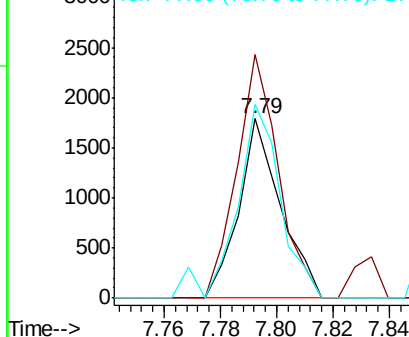


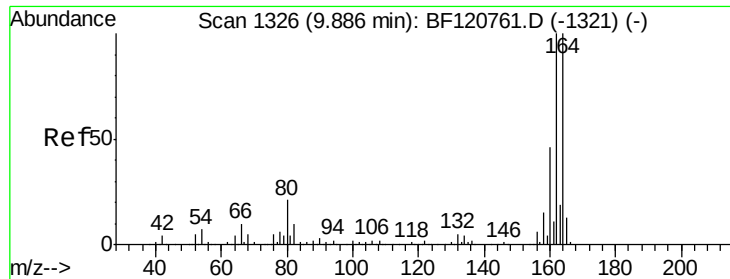
#32
Benzoic acid
Concen: 4.441 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.09 min
Lab File: BF120851.D
Acq: 13 Jul 2020 14:14

Tgt Ion:122 Resp: 1838
Ion Ratio Lower Upper
122 100
105 135.8 105.8 145.8
77 108.3 77.3 117.3



Abundance Ion 122.00 (121.70 to 122.70): BF1
3000 Ion 105.00 (104.70 to 105.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

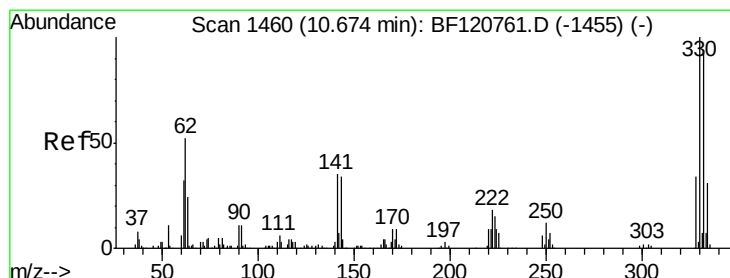
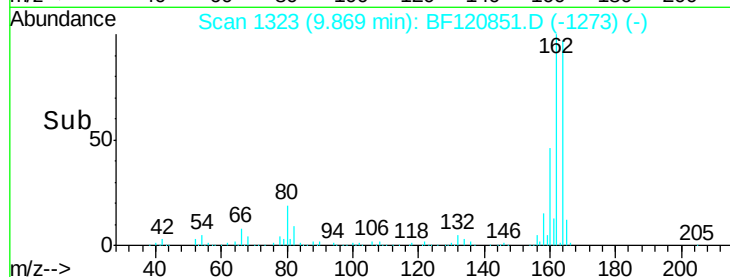
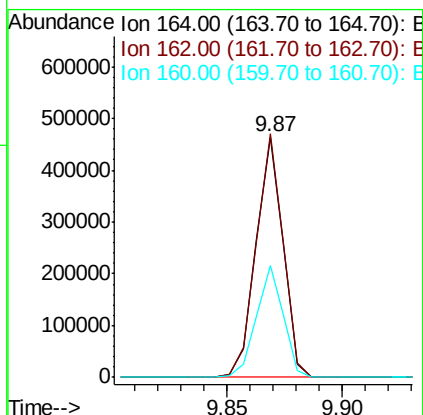
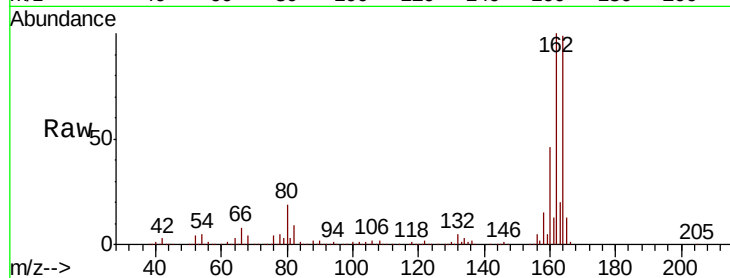




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF120851.D
 Acq: 13 Jul 2020 14:14

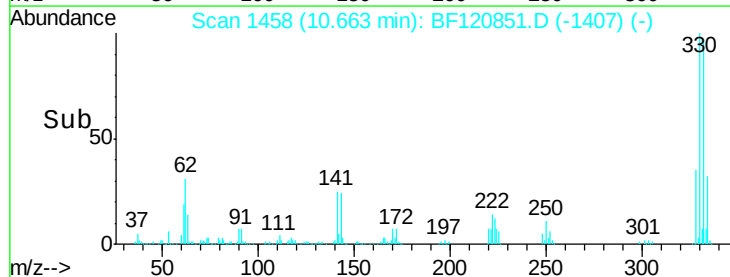
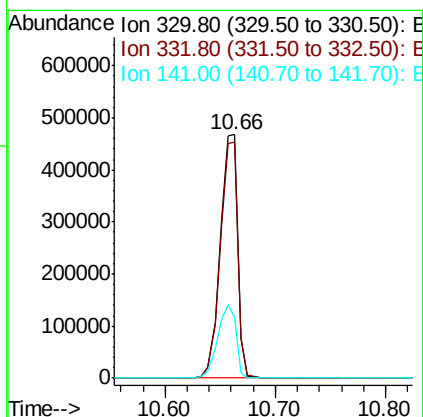
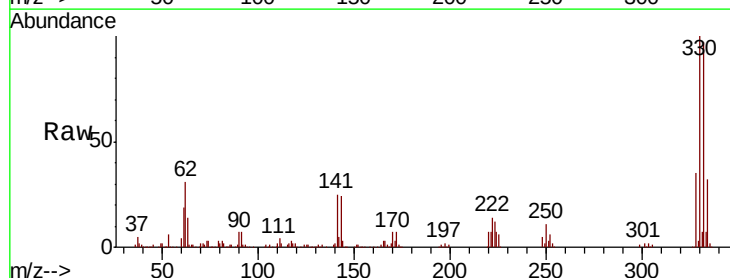
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-070920

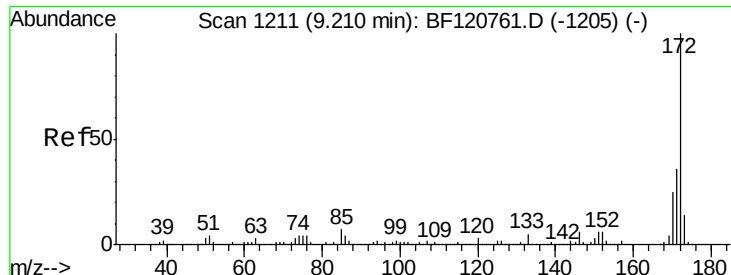
Tot Ion:164 Resp: 381283
 Ion Ratio Lower Upper
 164 100
 162 101.4 80.2 120.2
 160 46.6 36.9 55.3



#42
 2,4,6-Tribromophenol
 Concen: 134.783 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: BF120851.D
 Acq: 13 Jul 2020 14:14

Tgt Ion:330 Resp: 516292
 Ion Ratio Lower Upper
 330 100
 332 96.9 75.8 113.6
 141 31.2 29.7 44.5



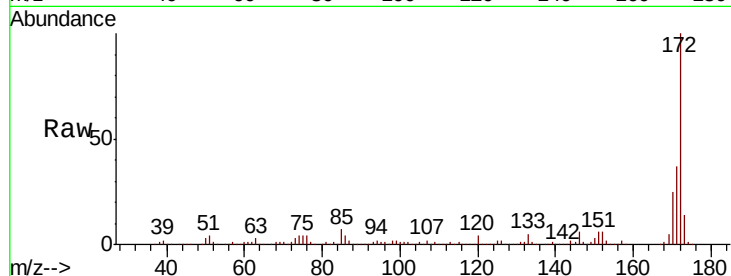


#45
 2-Fluorobiphenyl
 Concen: 77.958 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF120851.D
 Acq: 13 Jul 2020 14:14

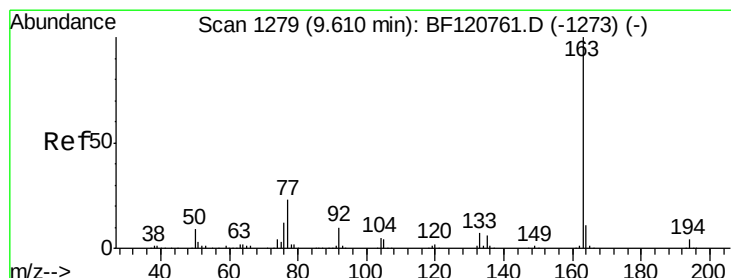
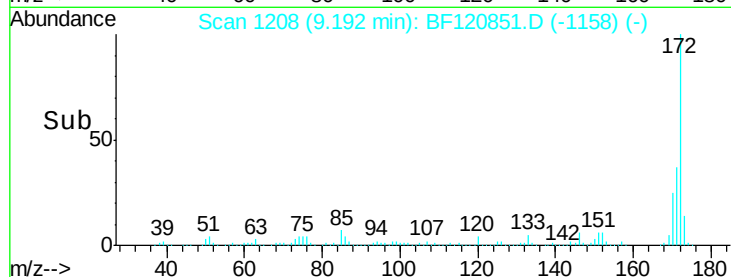
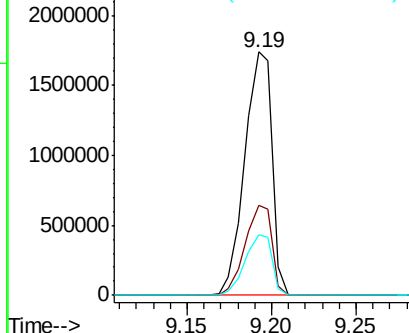
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-070920

Tot Ion:172 Resp: 1964639

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.1	43.7
170	24.9	19.8	29.6



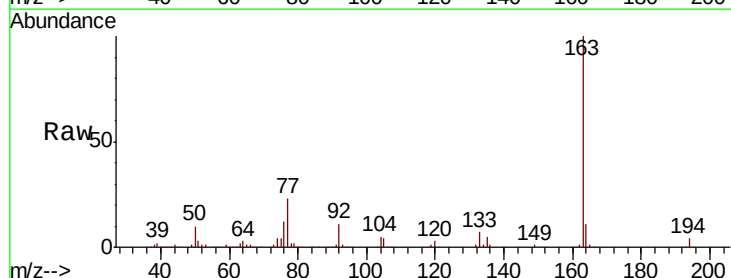
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



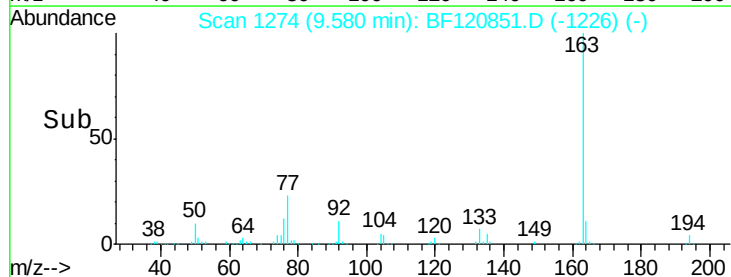
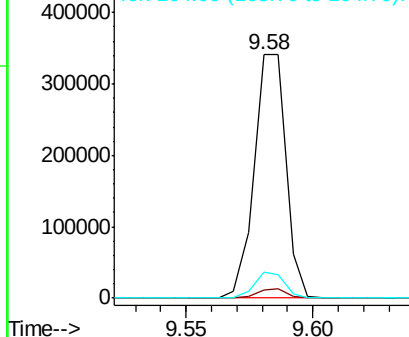
#50
 Dimethylphthalate
 Concen: 10.760 ng
 RT: 9.58 min Scan# 1274
 Delta R.T. -0.02 min
 Lab File: BF120851.D
 Acq: 13 Jul 2020 14:14

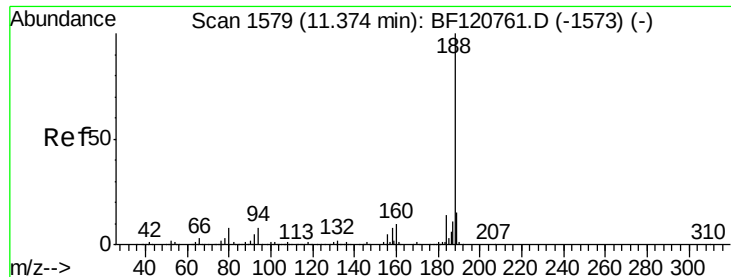
Tgt Ion:163 Resp: 299266

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.9	4.3
164	10.5	8.5	12.7



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BF120851.D

Acq: 13 Jul 2020 14:14

Instrument :

BNA_F

ClientSampleId :

EO-02-070920

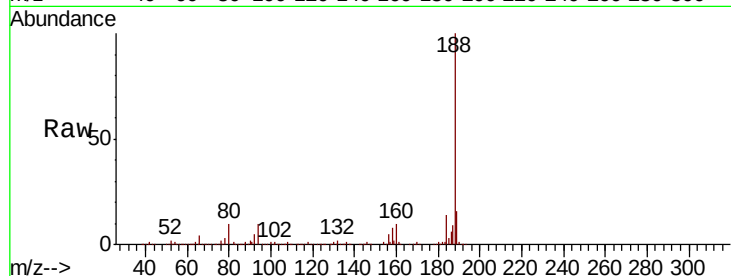
Tot Ion:188 Resp: 705964

Ion Ratio Lower Upper

188 100

94 9.9 6.6 9.8#

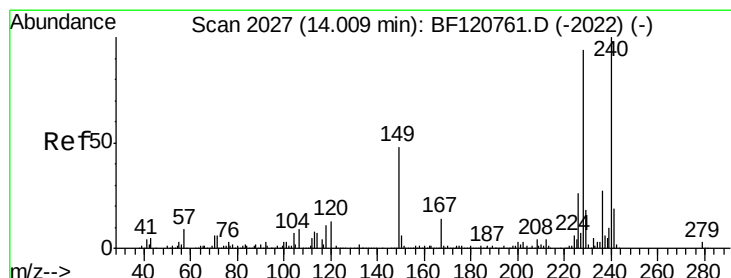
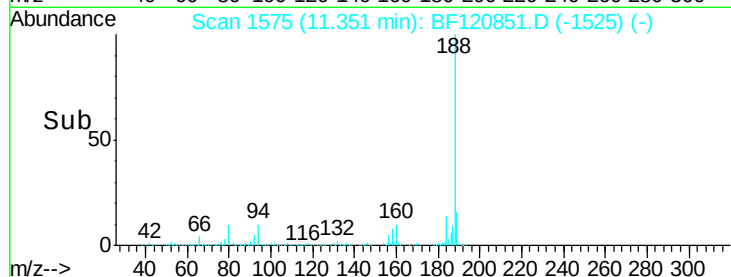
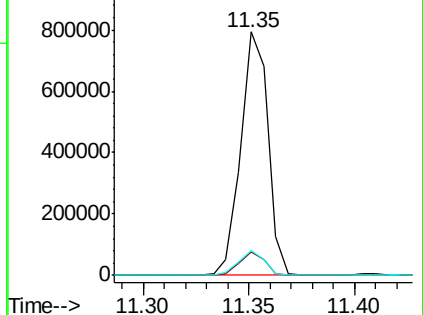
80 10.4 6.6 10.0#



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: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF120851.D

Acq: 13 Jul 2020 14:14

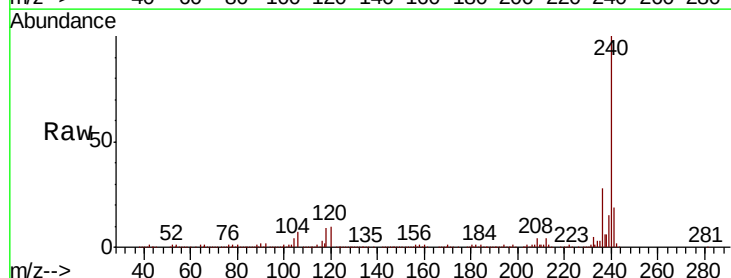
Tgt Ion:240 Resp: 564840

Ion Ratio Lower Upper

240 100

120 10.4 10.3 15.5

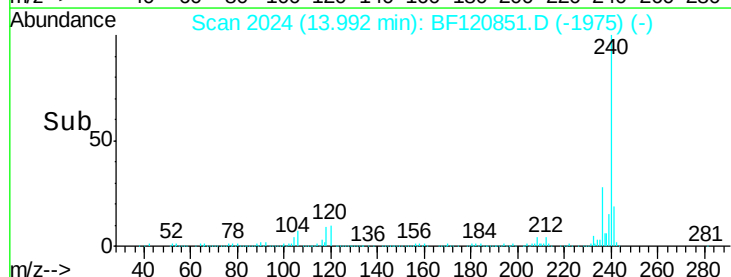
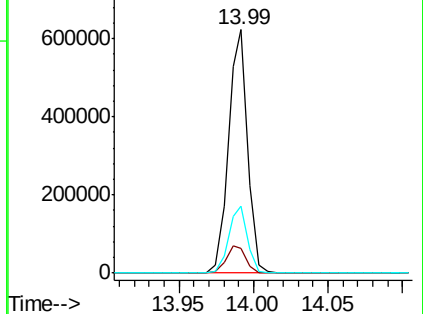
236 27.6 21.4 32.2

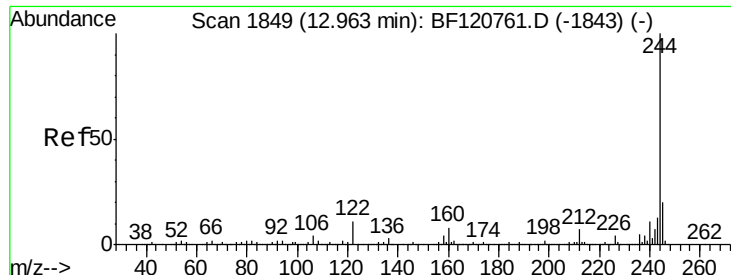


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



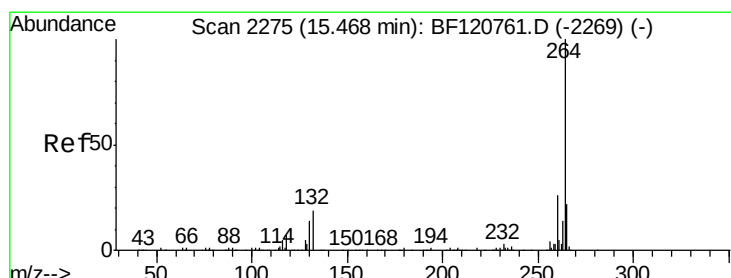
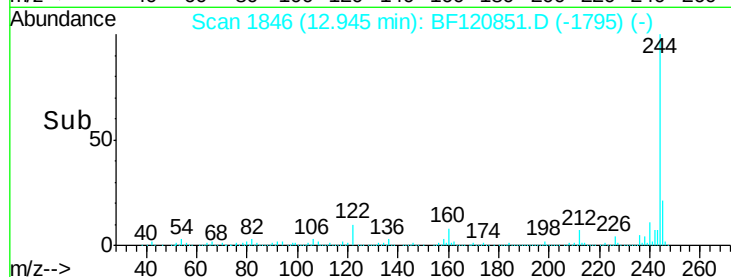
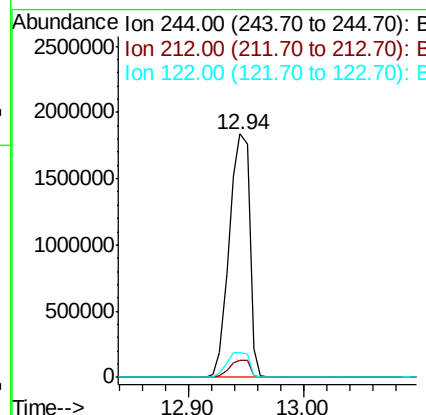
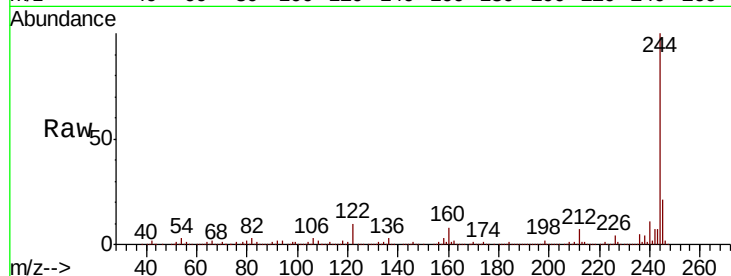


#79
 Terphenyl-d14
 Concen: 77.808 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.00 min
 Lab File: BF120851.D
 Acq: 13 Jul 2020 14:14

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-070920

Tot Ion:244 Resp: 2244727

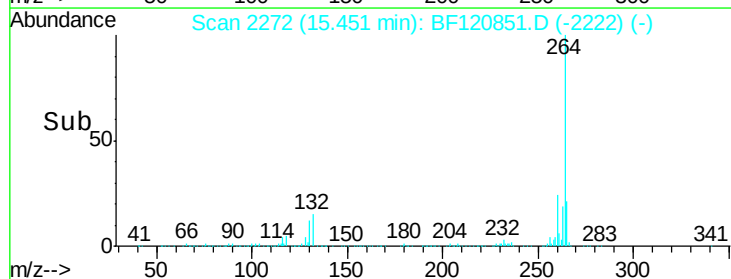
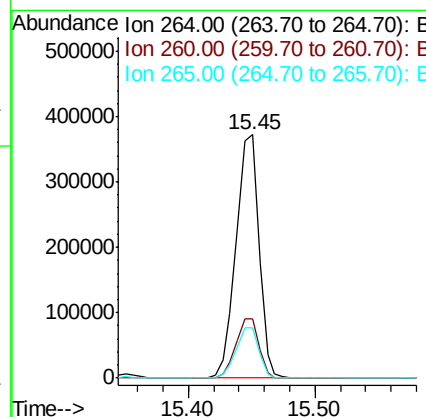
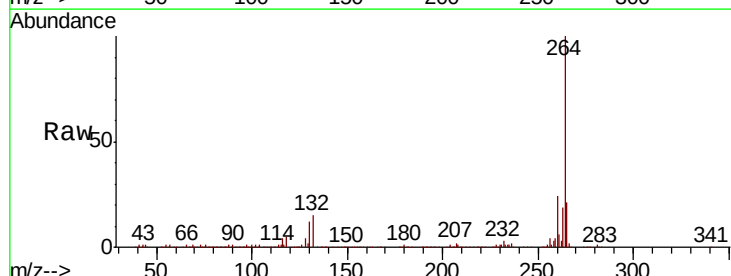
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	10.3	9.0	13.4

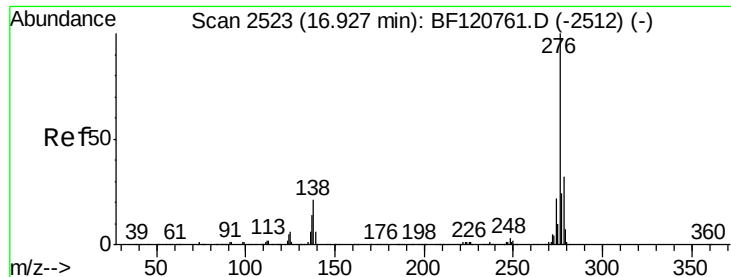


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. -0.01 min
 Lab File: BF120851.D
 Acq: 13 Jul 2020 14:14

Tgt Ion:264 Resp: 465212

Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.6	30.8
265	20.6	17.6	26.4

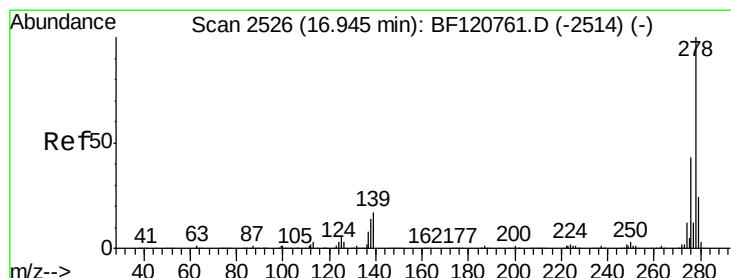
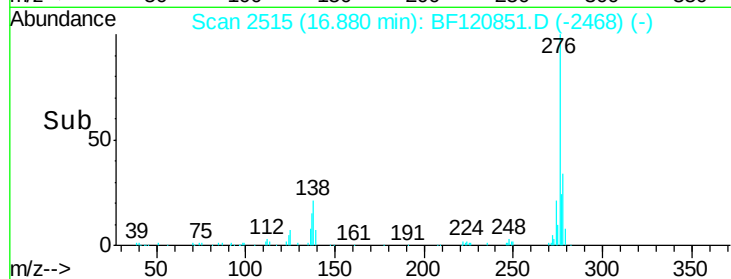
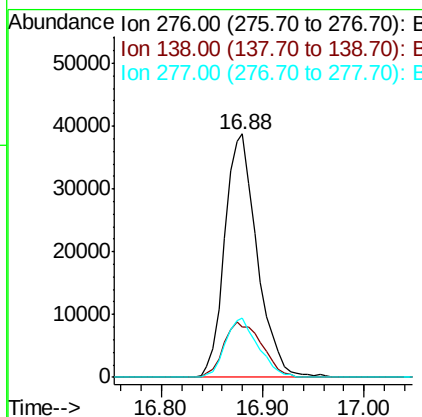
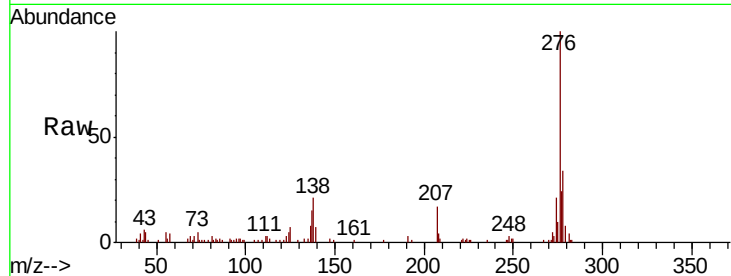




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.878 ng
 RT: 16.88 min Scan# 2515
 Delta R.T. -0.02 min
 Lab File: BF120851.D
 Acq: 13 Jul 2020 14:14

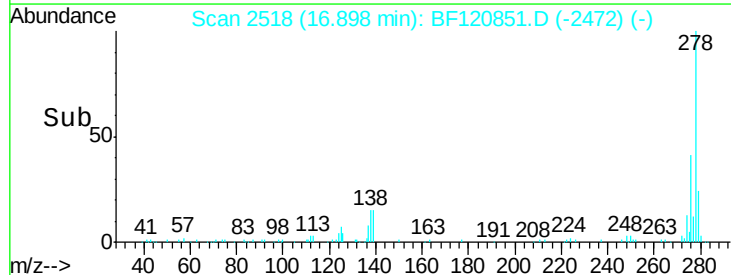
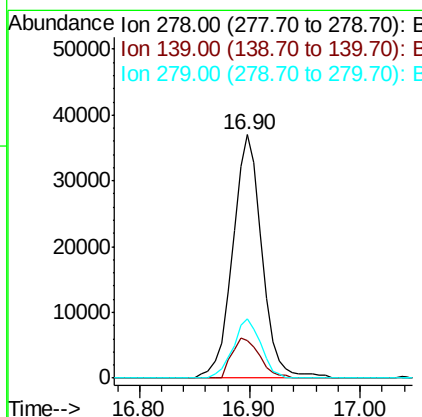
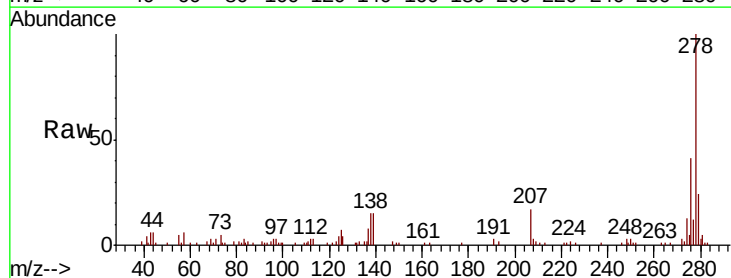
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-070920

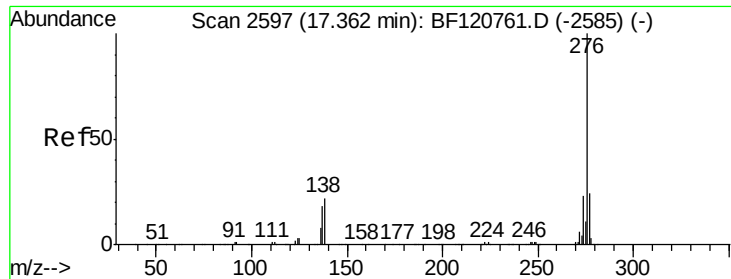
Tot Ion	Ratio	Lower	Upper
276	100		
138	26.4	19.8	29.8
277	24.5	19.9	29.9



#91
 Dibenzo(a,h)anthracene
 Concen: 2.756 ng
 RT: 16.90 min Scan# 2518
 Delta R.T. -0.03 min
 Lab File: BF120851.D
 Acq: 13 Jul 2020 14:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.4	13.3	19.9
279	24.2	19.0	28.6





#92
 Benzo(a,h,i)perylene
 Concen: 3.453 ng
 RT: 17.31 min Scan# 2588
 Delta R.T. -0.04 min
 Lab File: BF120851.D
 Acq: 13 Jul 2020 14:14

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-070920

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.8	28.2
138	22.3	17.4	26.2

