

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
 Data File : BF120895.D
 Acq On : 16 Jul 2020 19:56
 Operator : JU/CG
 Sample : L3184-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-071520

Quant Time: Jul 17 05:24:51 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	160120	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	613046	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	326611	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	652125	20.00	ng	0.00
76) Chrysene-d12	13.97	240	576158	20.00	ng	0.00
86) Perylene-d12	15.42	264	521862	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	971407	99.46	ng	0.01
7) Phenol-d6	6.44	99	1046204	82.92	ng	0.00
23) Nitrobenzene-d5	7.37	82	830654	78.40	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	411746	115.17	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1444822	66.05	ng	0.00
79) Terphenyl-d14	12.92	244	1729496	65.25	ng	0.00

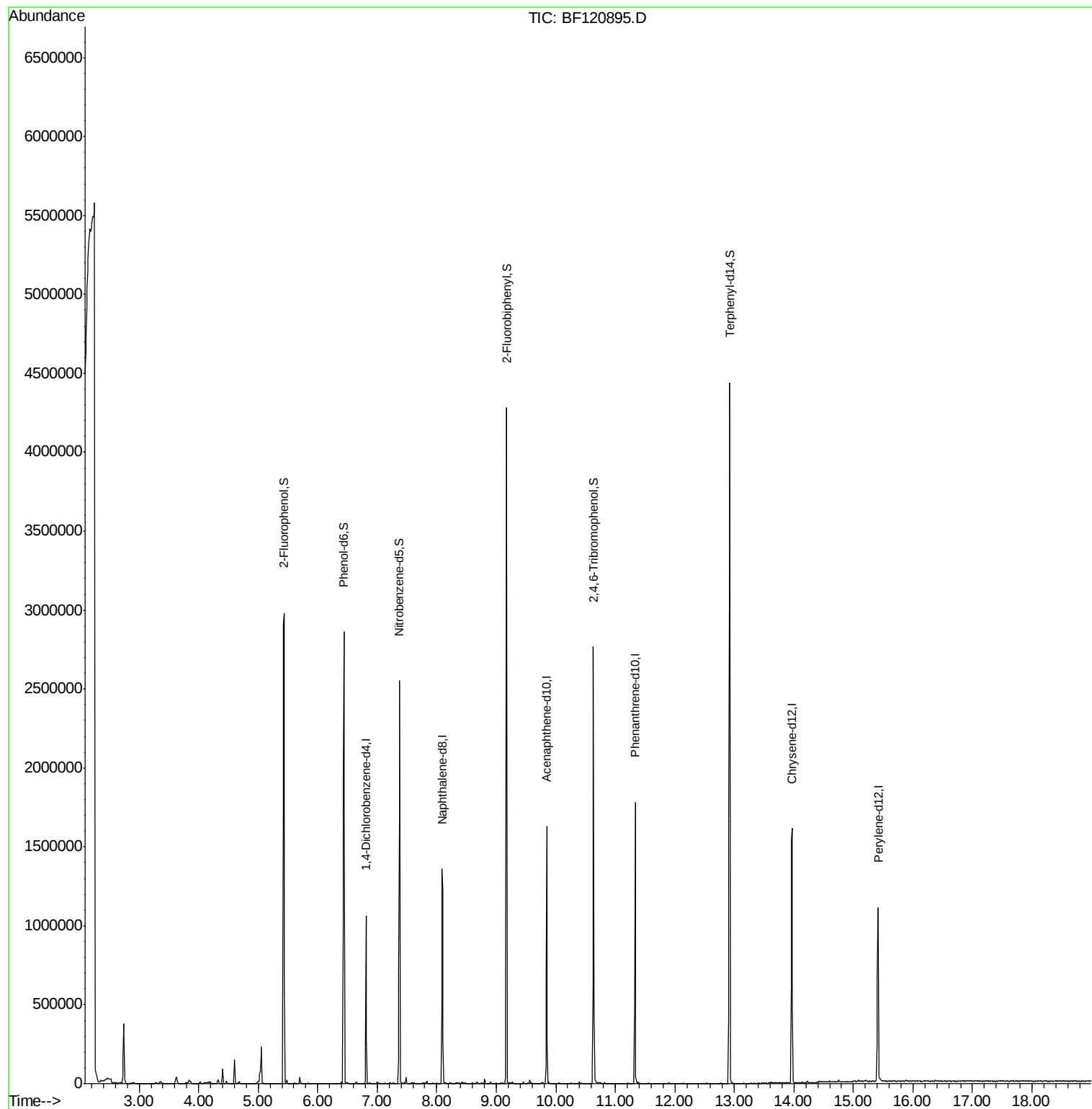
Target Compounds Qvalue

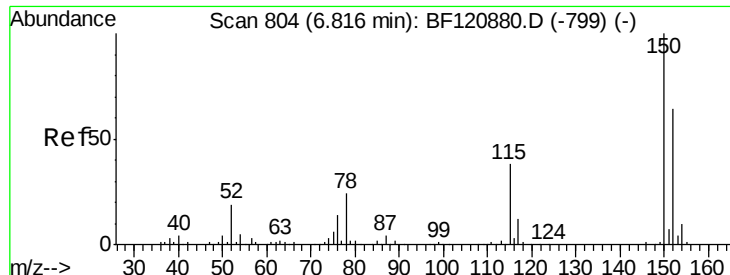
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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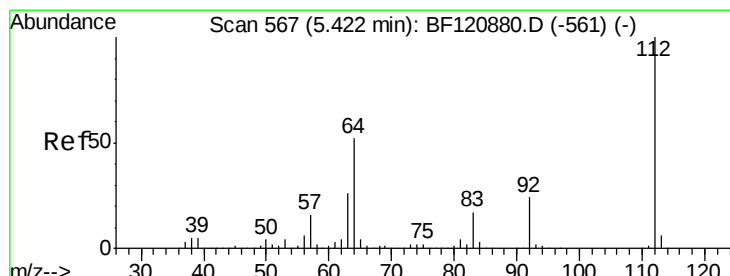
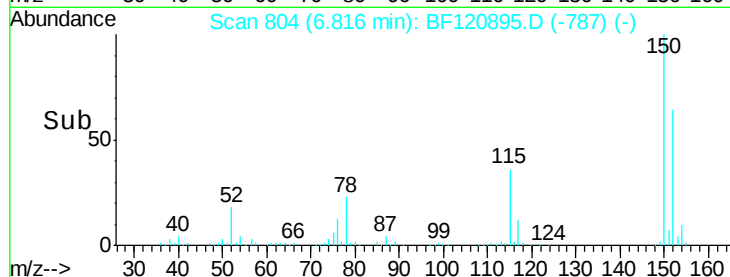
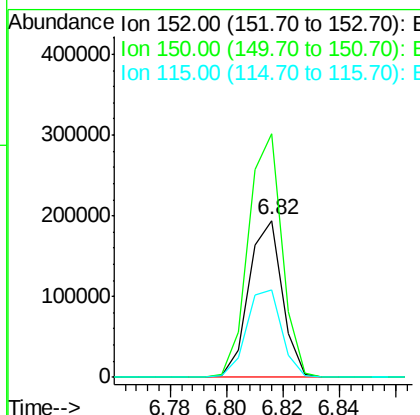
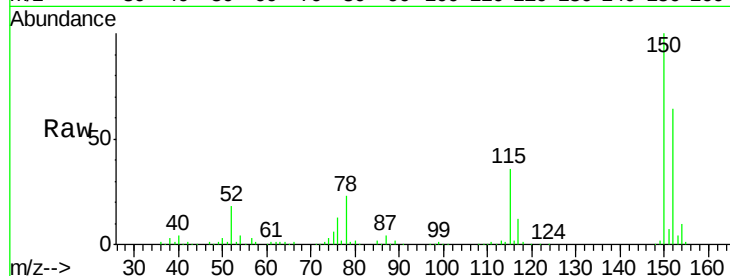




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF120895.D
 Acq: 16 Jul 2020 19:56

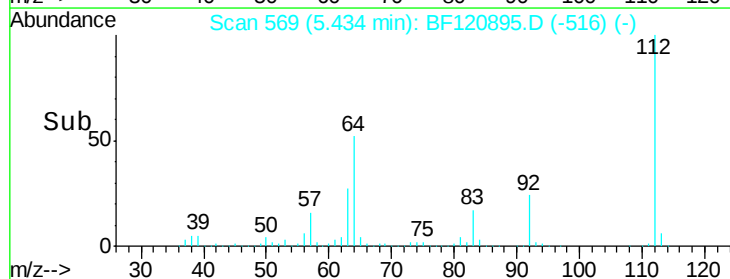
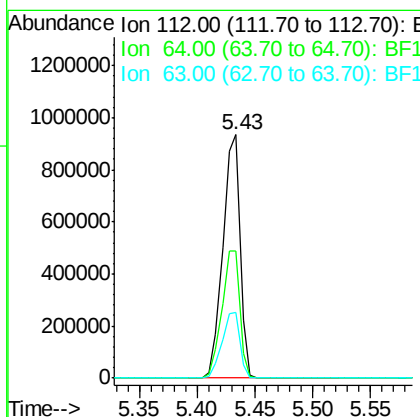
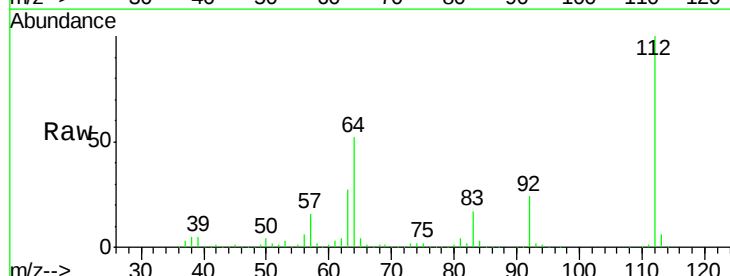
Instrument :
 BNA_F
 ClientSampleId :
 EO-01-071520

Tot Ion:152 Resp: 160120
 Ion Ratio Lower Upper
 152 100
 150 155.3 125.0 187.6
 115 55.4 47.0 70.4



#5
 2-Fluorophenol
 Concen: 99.456 ng
 RT: 5.43 min Scan# 569
 Delta R.T. 0.01 min
 Lab File: BF120895.D
 Acq: 16 Jul 2020 19:56

Tgt Ion:112 Resp: 971407
 Ion Ratio Lower Upper
 112 100
 64 52.2 41.3 61.9
 63 26.8 21.1 31.7





#7

Phenol-d6

Concen: 82.921 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF120895.D

Acq: 16 Jul 2020 19:56

Instrument :

BNA_F

ClientSampleId :

EO-01-071520

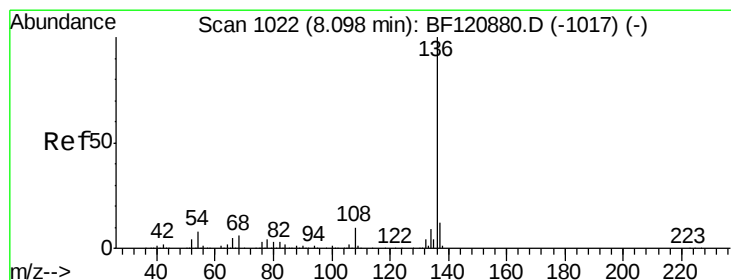
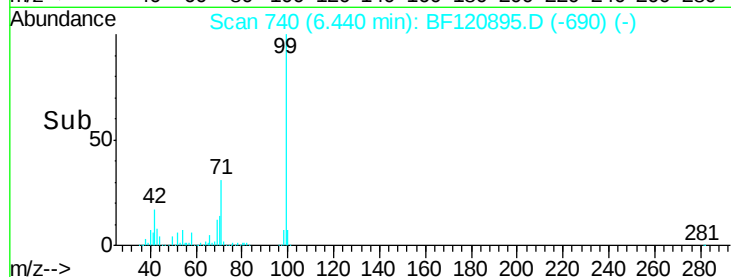
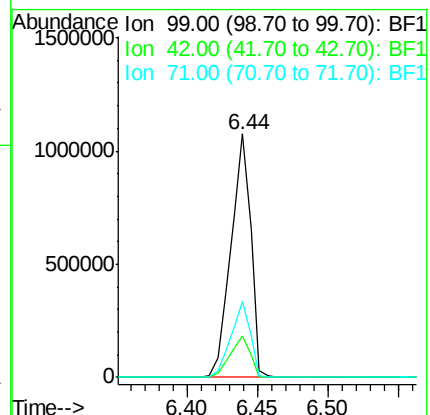
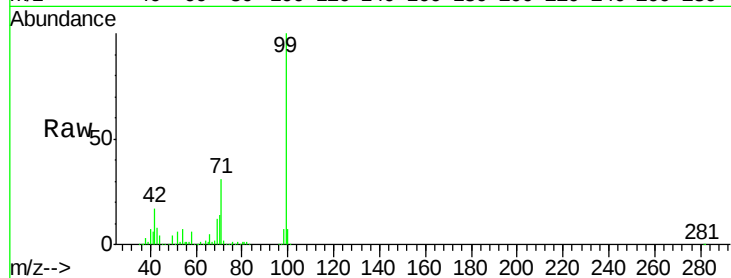
Tot Ion: 99 Resp: 1046204

Ion Ratio Lower Upper

99 100

42 16.9 13.1 19.7

71 31.4 24.2 36.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF120895.D

Acq: 16 Jul 2020 19:56

Tgt Ion: 136 Resp: 613046

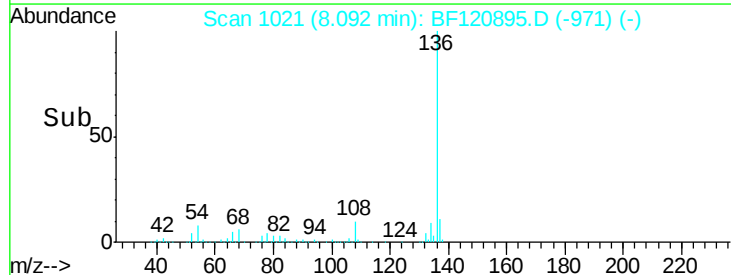
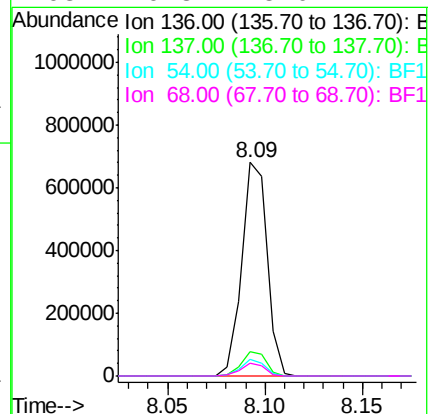
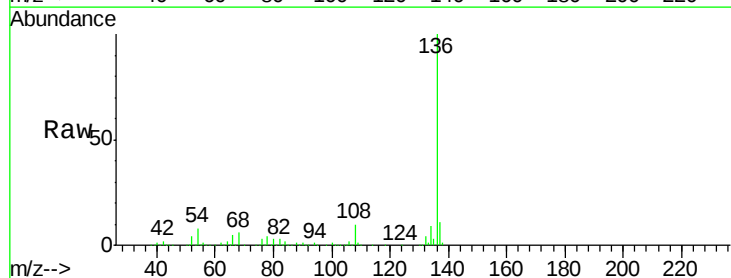
Ion Ratio Lower Upper

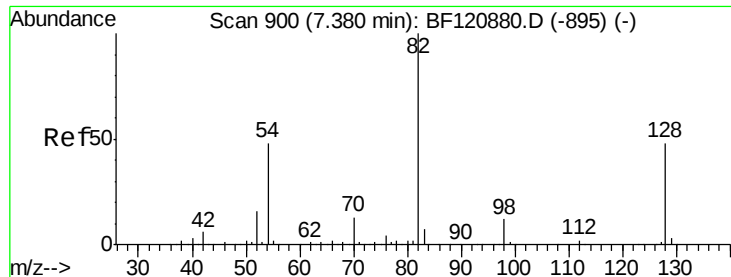
136 100

137 11.4 9.3 13.9

54 7.7 6.3 9.5

68 6.3 5.0 7.4

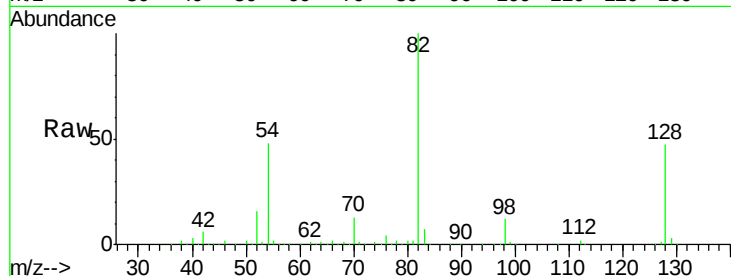




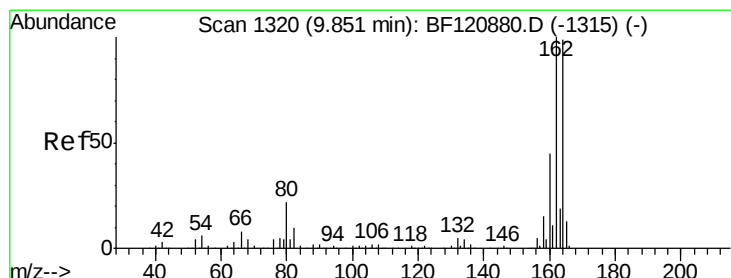
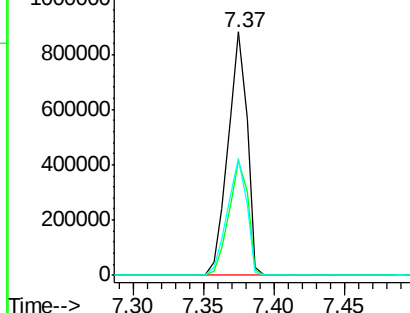
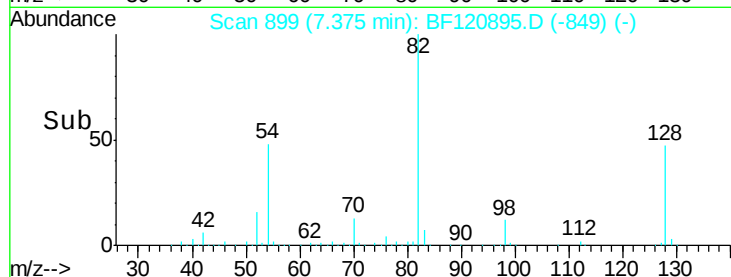
#23
 Nitrobenzene-d5
 Concen: 78.402 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF120895.D
 Acq: 16 Jul 2020 19:56

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-071520

Tot Ion	82	Resp	830654
Ion Ratio	100		
Lower	38.2		
Upper	57.4		
128	47.0		
54	47.9		
	38.7		
	58.1		

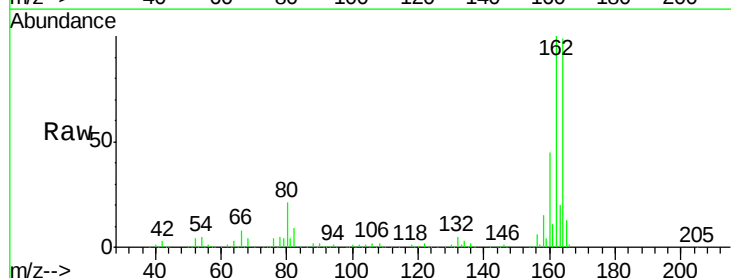


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

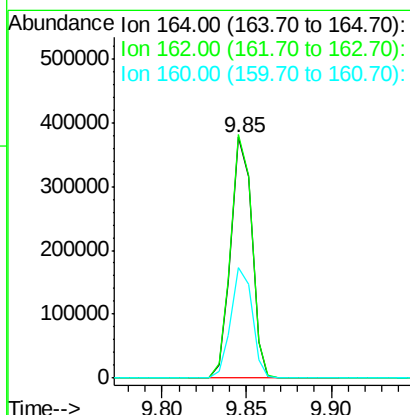
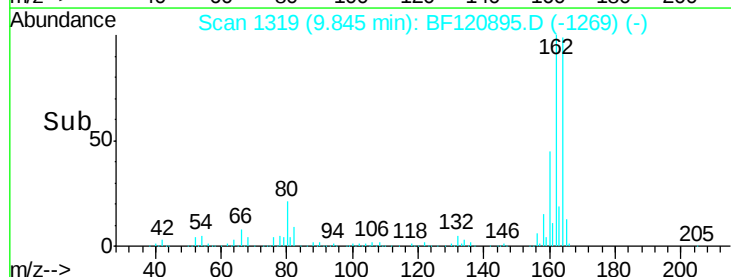


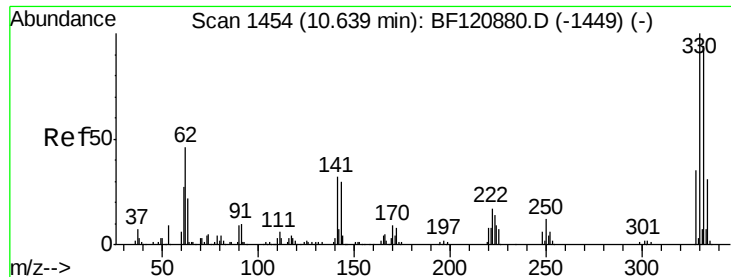
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF120895.D
 Acq: 16 Jul 2020 19:56

Tgt Ion	164	Resp	326611
Ion Ratio	100		
Lower	81.2		
Upper	121.8		
162	101.2		
160	45.8		
	36.9		
	55.3		



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

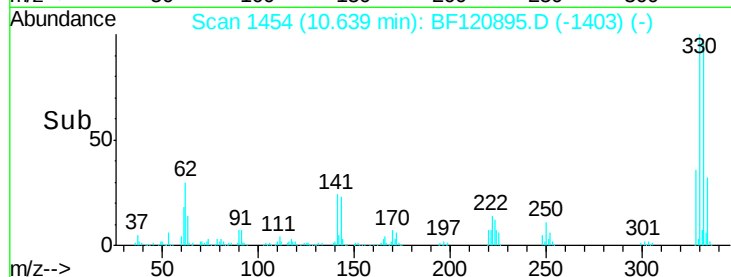
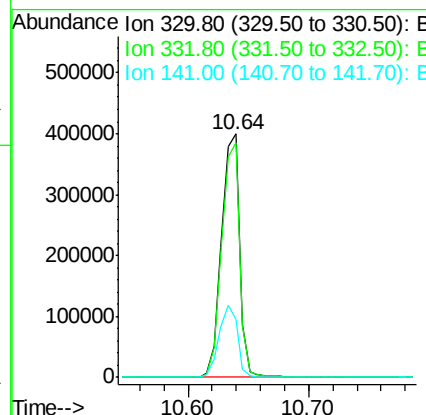
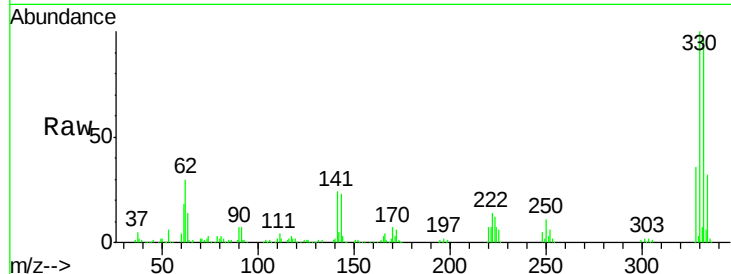




#42
 2,4,6-Tribromophenol
 Concen: 115.171 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF120895.D
 Acq: 16 Jul 2020 19:56

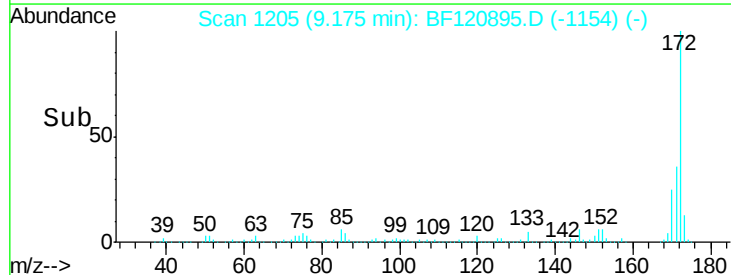
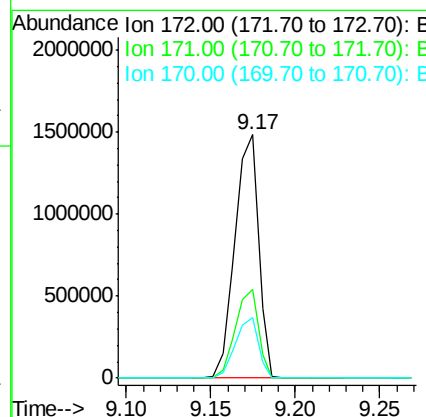
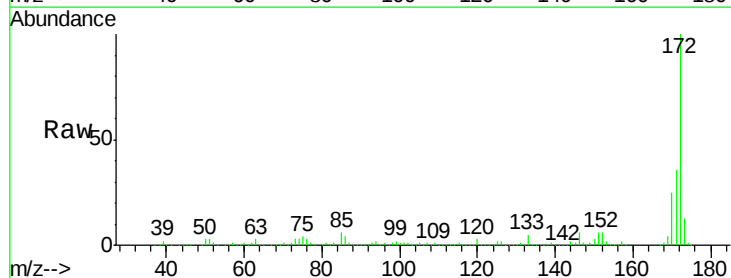
Instrument :
 BNA_F
 ClientSampleId :
 EO-01-071520

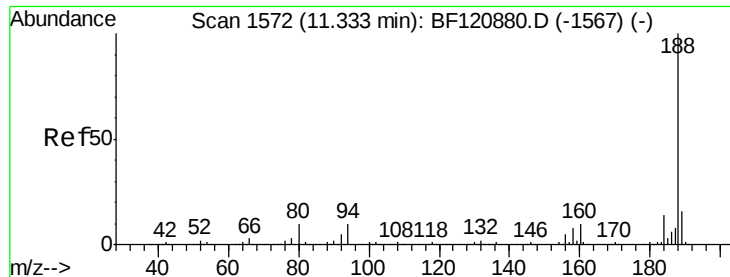
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	75.5	113.3
141	30.3	25.7	38.5



#45
 2-Fluorobiphenyl
 Concen: 66.047 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF120895.D
 Acq: 16 Jul 2020 19:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.4
170	24.7	19.6	29.4

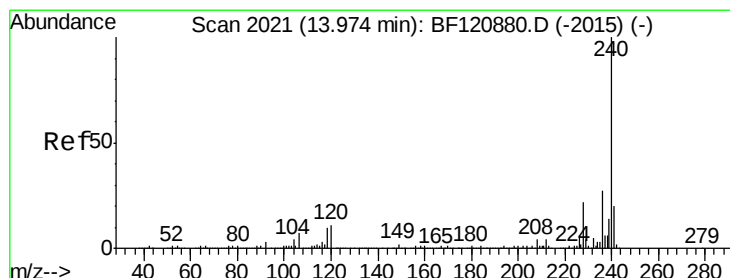
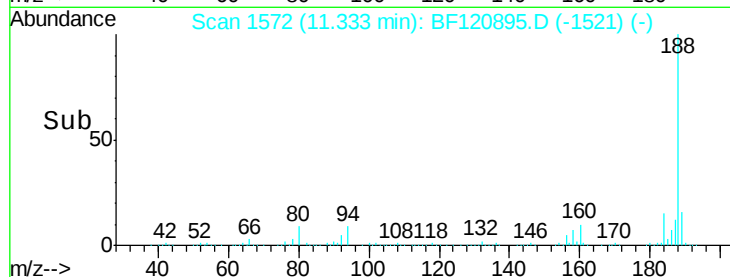
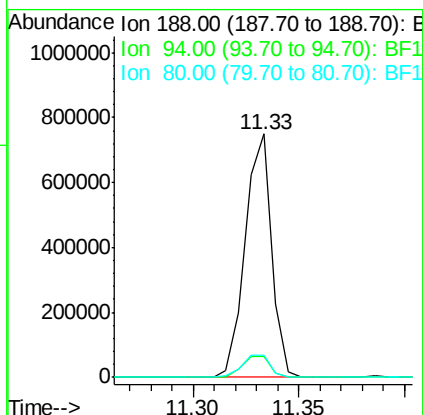
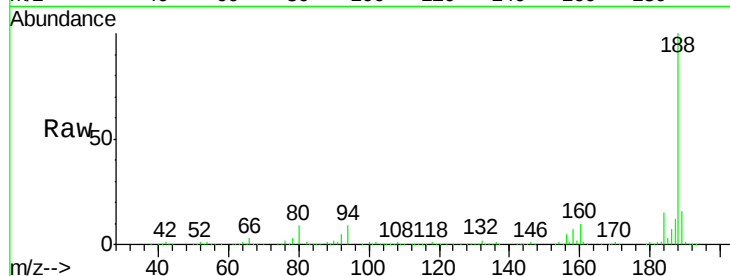




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF120895.D
Acq: 16 Jul 2020 19:56

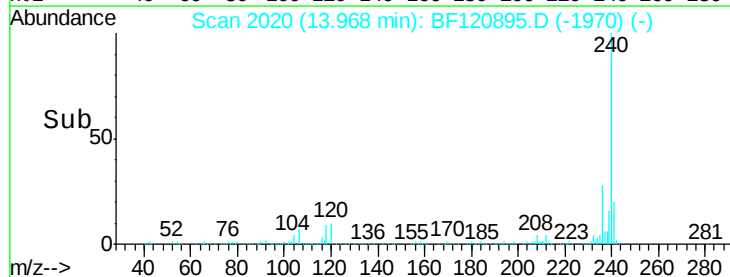
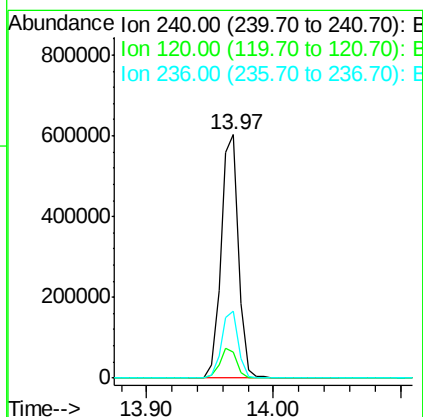
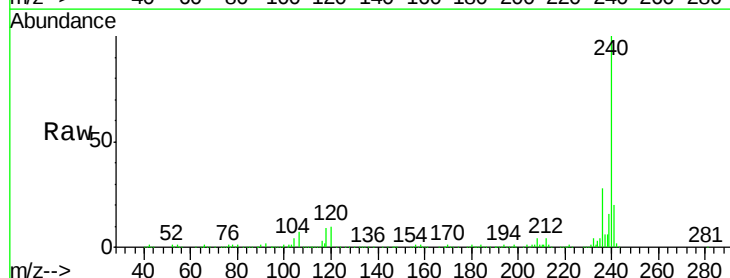
Instrument :
BNA_F
ClientSampleId :
EO-01-071520

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.0	12.0
80	9.0	8.3	12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF120895.D
Acq: 16 Jul 2020 19:56

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.0	13.4
236	27.5	21.7	32.5





#79

Terphenyl-d14

Concen: 65.252 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF120895.D

Acq: 16 Jul 2020 19:56

Instrument :

BNA_F

ClientSampleId :

EO-01-071520

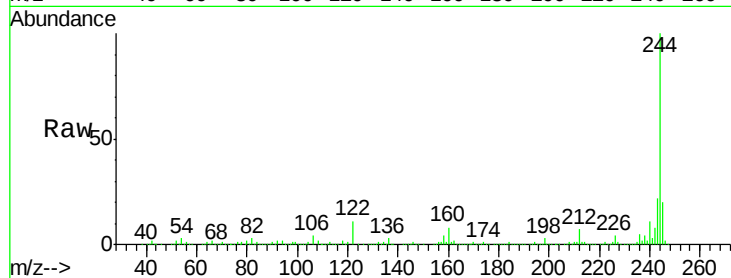
Tot Ion:244 Resp: 1729496

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

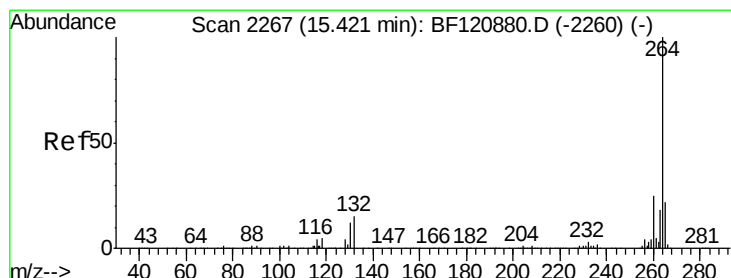
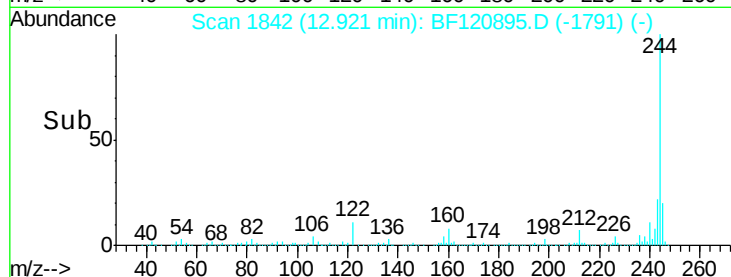
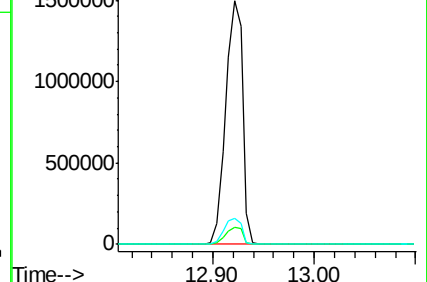
122 10.7 8.9 13.3



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2266

Delta R.T. -0.01 min

Lab File: BF120895.D

Acq: 16 Jul 2020 19:56

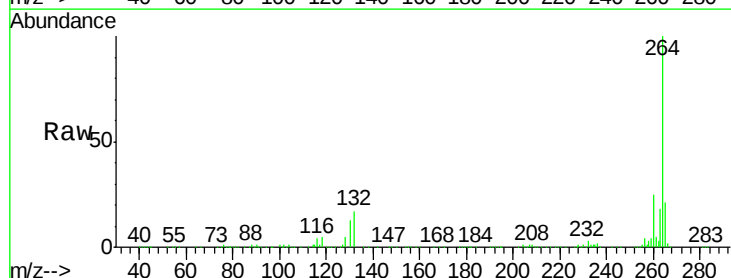
Tgt Ion:264 Resp: 521862

Ion Ratio Lower Upper

264 100

260 24.6 20.0 30.0

265 21.3 17.4 26.2



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

