

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090220\
 Data File : BF121518.D
 Acq On : 2 Sep 2020 17:25
 Operator : JU/CG
 Sample : L3866-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-090120

Quant Time: Sep 02 18:10:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 17:52:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	272183	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1037891	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	553220	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	1087110	20.00	ng	0.00
76) Chrysene-d12	14.00	240	955689	20.00	ng	-0.01
86) Perylene-d12	15.46	264	1028331	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1683037	103.74	ng	0.00
7) Phenol-d6	6.47	99	1975130	87.12	ng	0.00
23) Nitrobenzene-d5	7.40	82	1541741	101.55	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	806407	144.32	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2696722	78.65	ng	0.00
79) Terphenyl-d14	12.96	244	3008440	66.26	ng	0.00

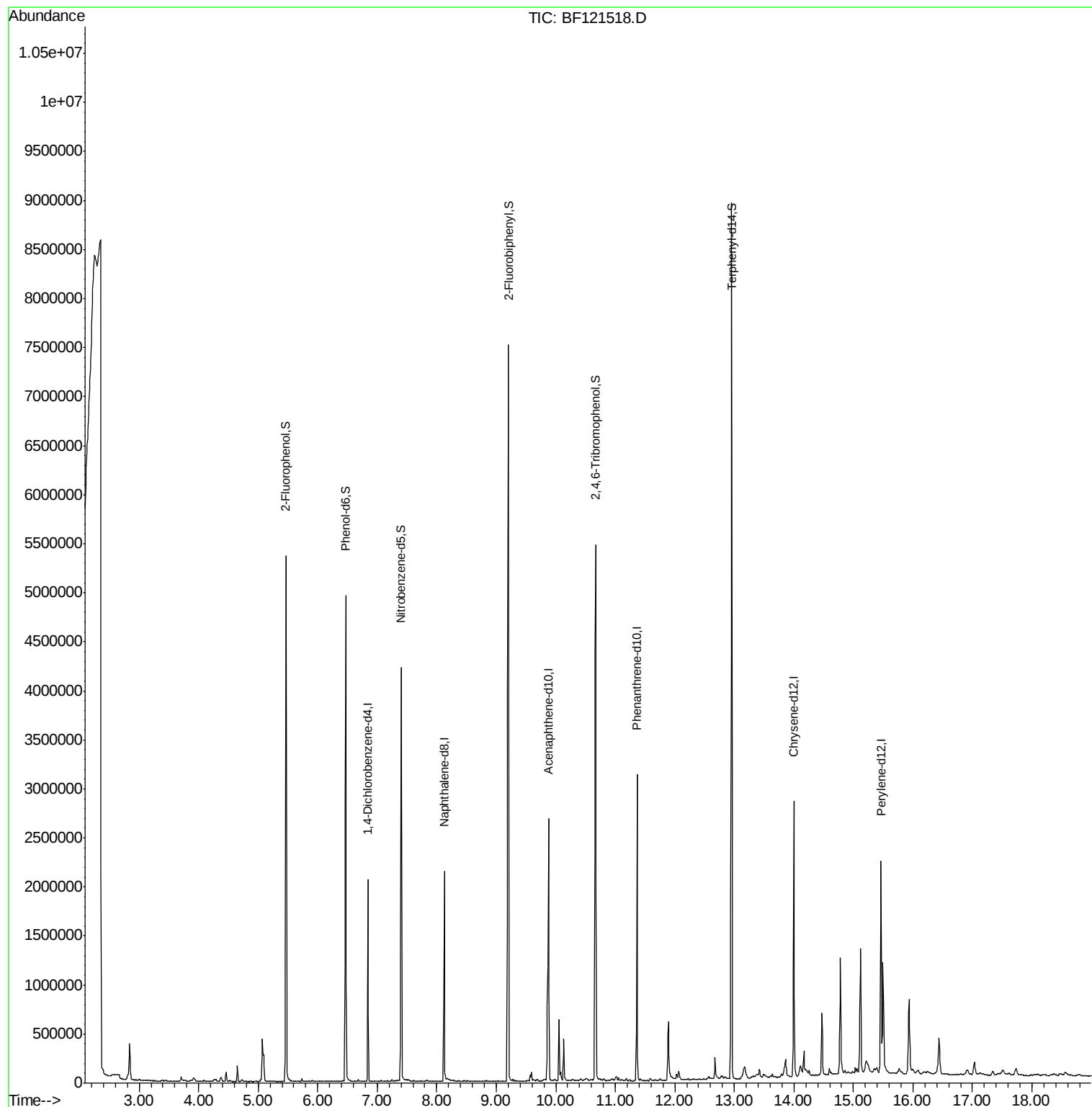
Target Compounds Qvalue

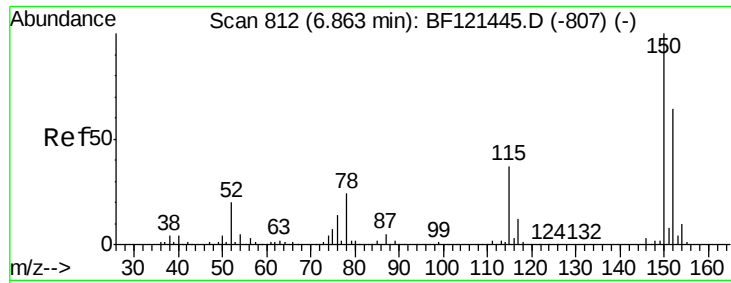
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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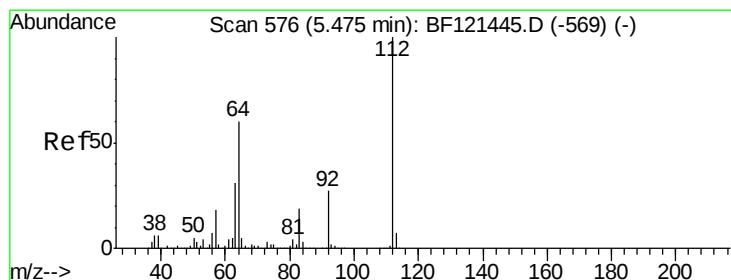
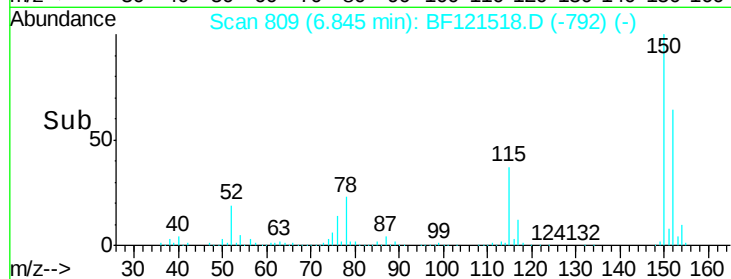
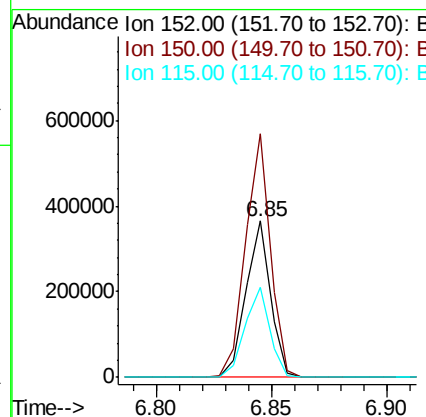
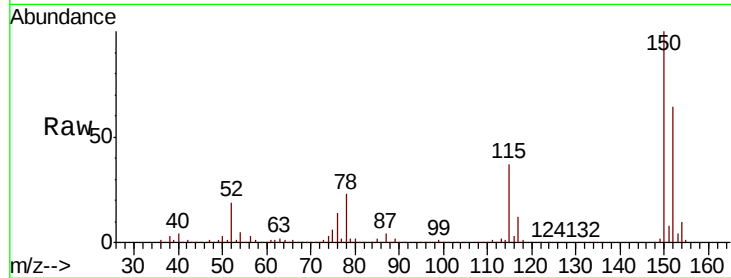




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BF121518.D
 Acq: 2 Sep 2020 17:25

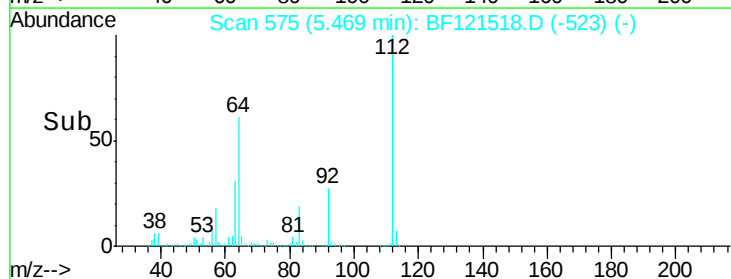
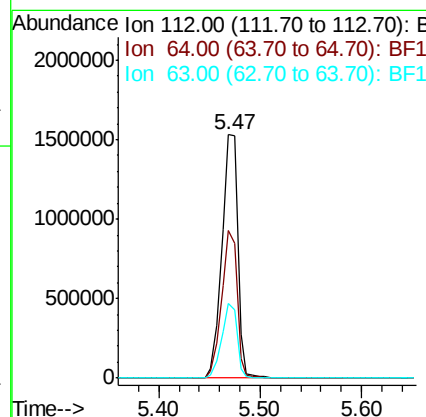
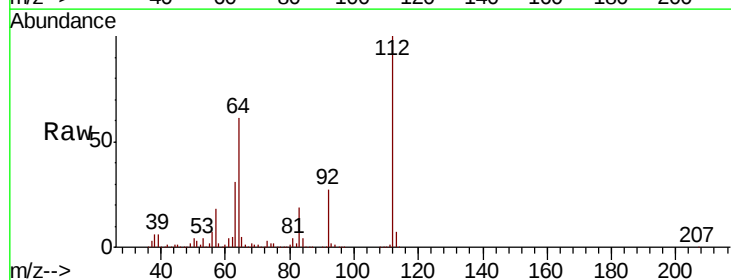
Instrument :
 BNA_F
 ClientSampleId :
 OK-03-090120

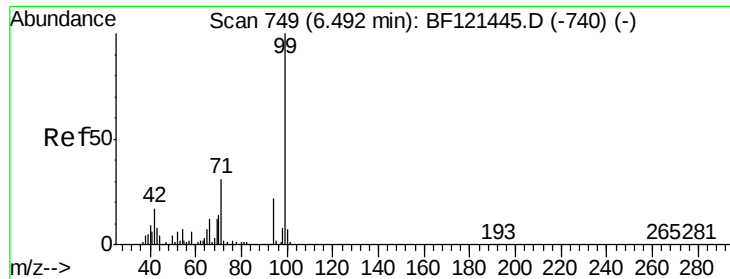
Tot Ion:152 Resp: 272183
 Ion Ratio Lower Upper
 152 100
 150 155.7 126.1 189.1
 115 57.3 48.4 72.6



#5
 2-Fluorophenol
 Concen: 103.743 ng
 RT: 5.47 min Scan# 575
 Delta R.T. 0.01 min
 Lab File: BF121518.D
 Acq: 2 Sep 2020 17:25

Tgt Ion:112 Resp: 1683037
 Ion Ratio Lower Upper
 112 100
 64 60.8 46.0 69.0
 63 30.8 23.4 35.2





#7

Phenol-d6

Concen: 87.120 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF121518.D

Acq: 2 Sep 2020 17:25

Instrument :

BNA_F

ClientSampleId :

OK-03-090120

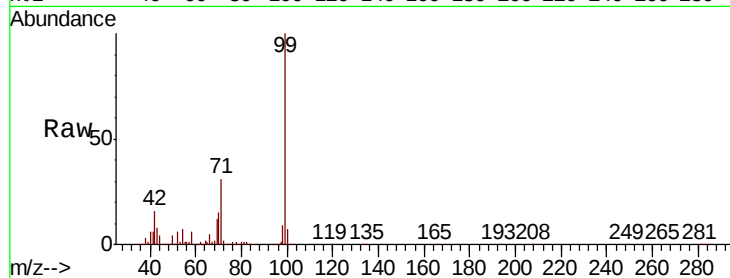
Tot Ion: 99 Resp: 1975130

Ion Ratio Lower Upper

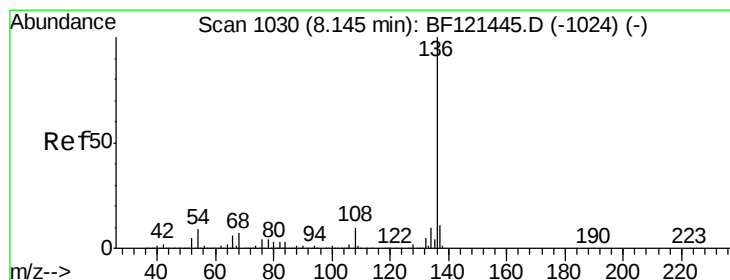
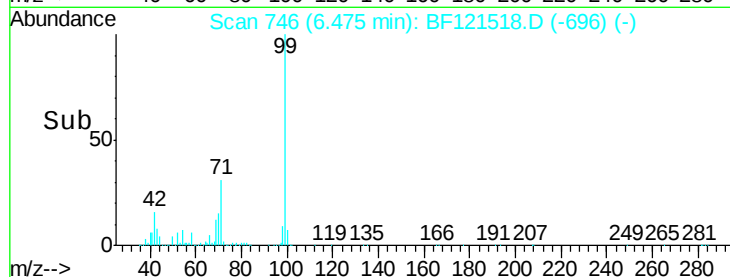
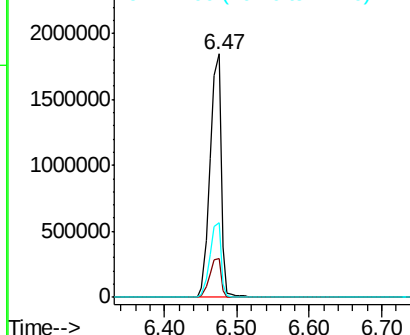
99 100

42 16.0 13.0 19.4

71 30.7 24.8 37.2



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: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF121518.D

Acq: 2 Sep 2020 17:25

Tgt Ion: 136 Resp: 1037891

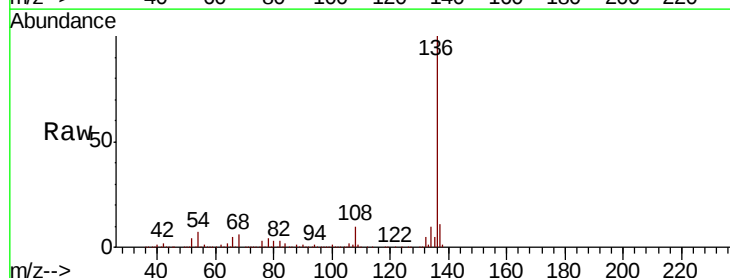
Ion Ratio Lower Upper

136 100

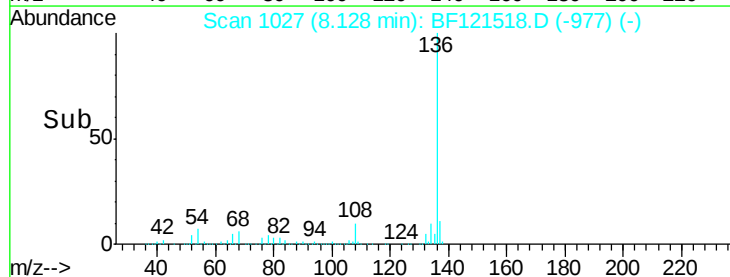
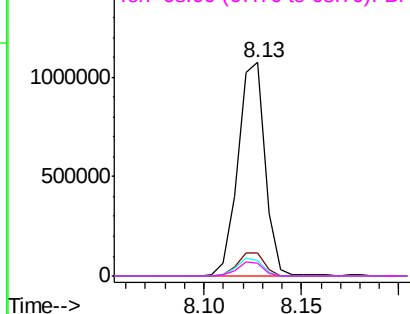
137 11.1 8.9 13.3

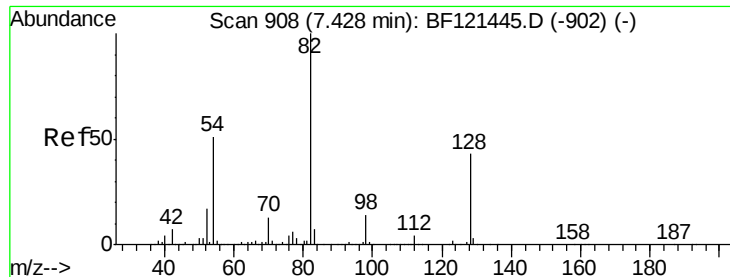
54 7.4 6.2 9.4

68 6.1 5.1 7.7



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

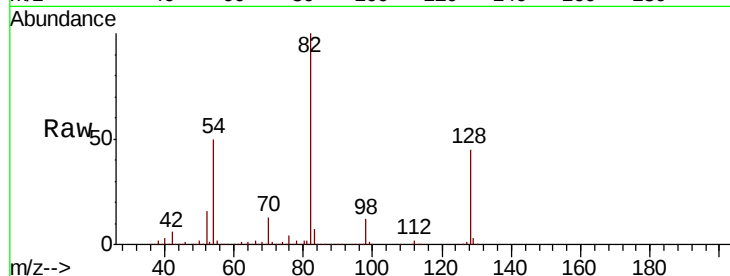




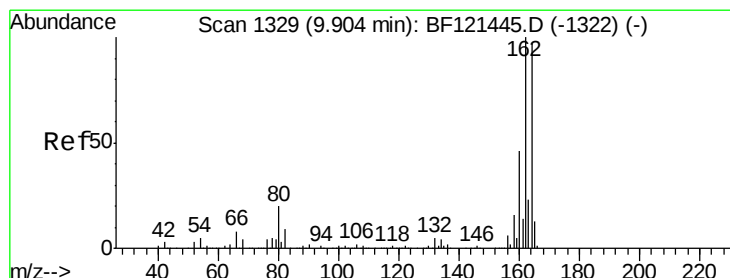
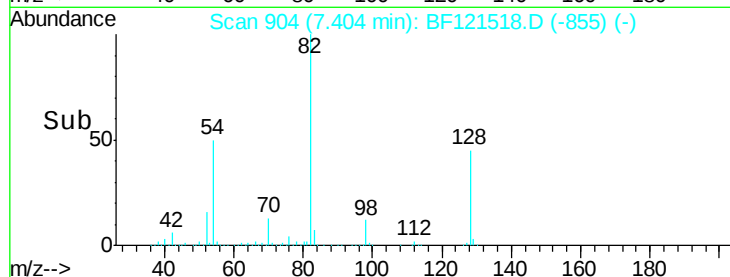
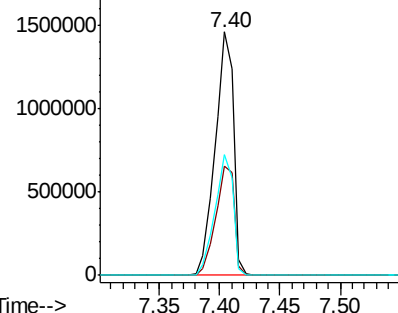
#23
Nitrobenzene-d5
Concen: 101.554 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF121518.D
Acq: 2 Sep 2020 17:25

Instrument :
BNA_F
ClientSampleId :
OK-03-090120

Tot Ion: 82 Resp: 1541741
Ion Ratio Lower Upper
82 100
128 44.7 37.3 55.9
54 49.6 39.0 58.6

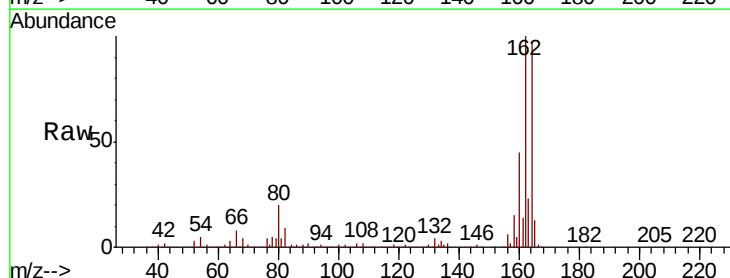


Abundance Ion 82.00 (81.70 to 82.70): BF1
2000000 Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

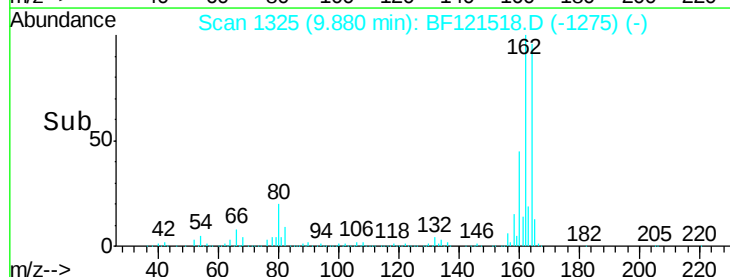
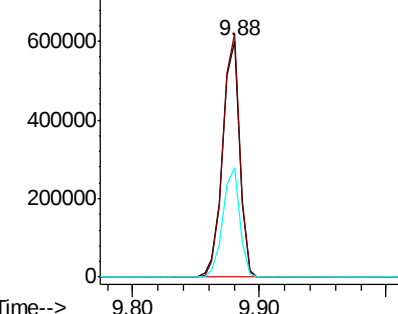


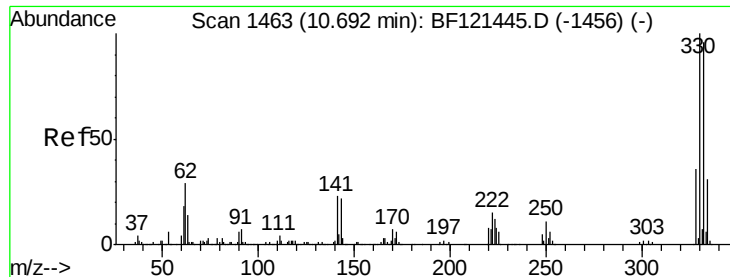
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF121518.D
Acq: 2 Sep 2020 17:25

Tgt Ion:164 Resp: 553220
Ion Ratio Lower Upper
164 100
162 103.2 80.5 120.7
160 46.4 36.2 54.4



Abundance Ion 164.00 (163.70 to 164.70): BF1
800000 Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

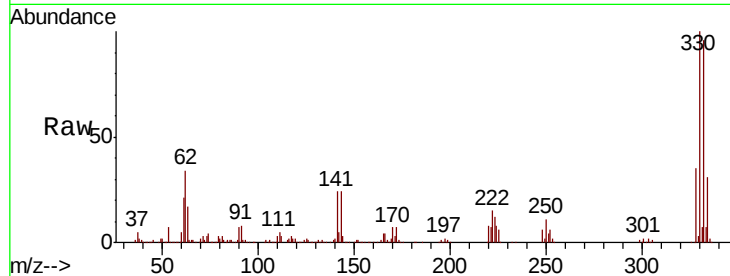




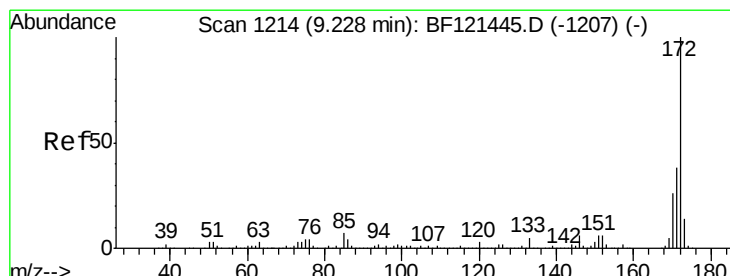
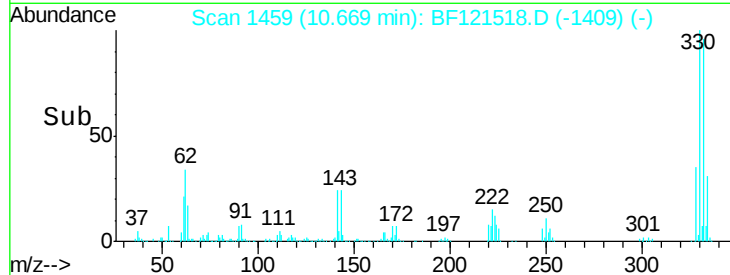
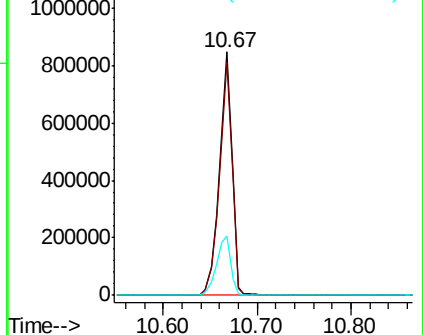
#42
 2,4,6-Tribromophenol
 Concen: 144.315 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF121518.D
 Acq: 2 Sep 2020 17:25

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-090120

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.2	114.2
141	27.4	22.6	34.0

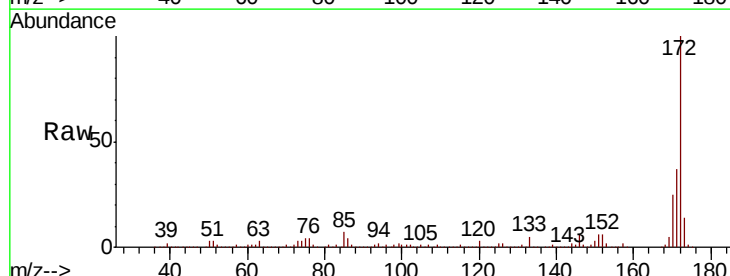


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

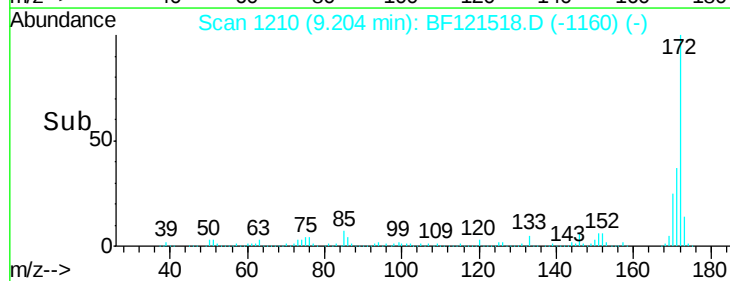
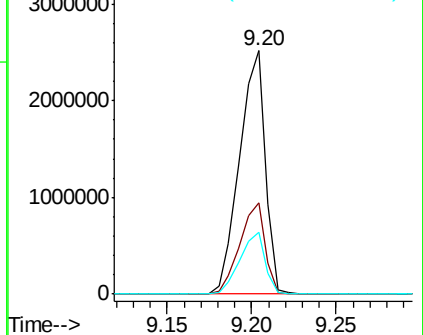


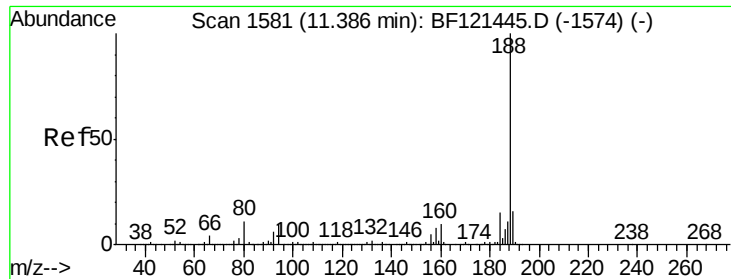
#45
 2-Fluorobiphenyl
 Concen: 78.653 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF121518.D
 Acq: 2 Sep 2020 17:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.4	45.6
170	25.4	20.7	31.1



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

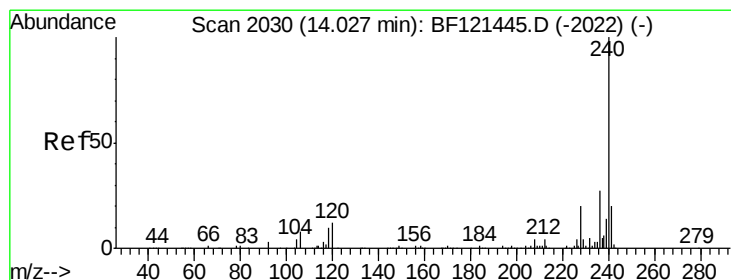
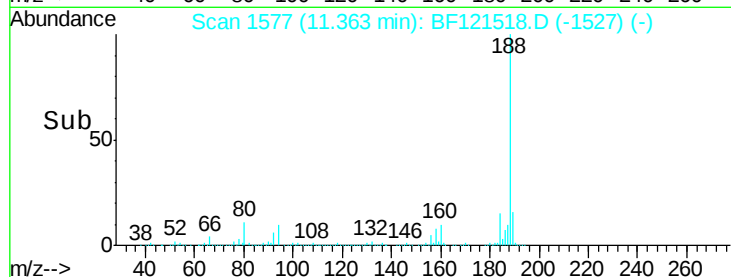
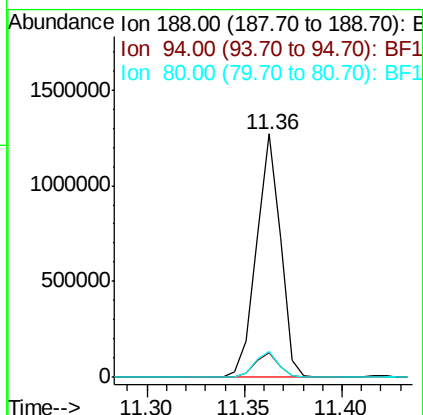
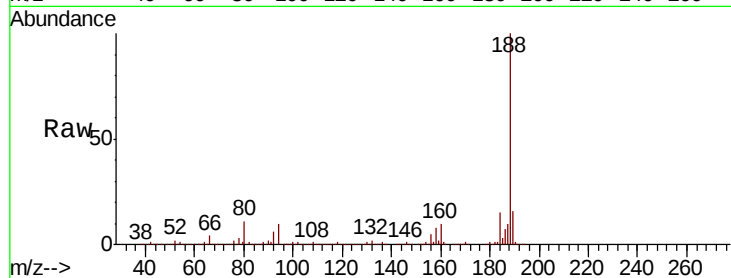




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF121518.D
Acq: 2 Sep 2020 17:25

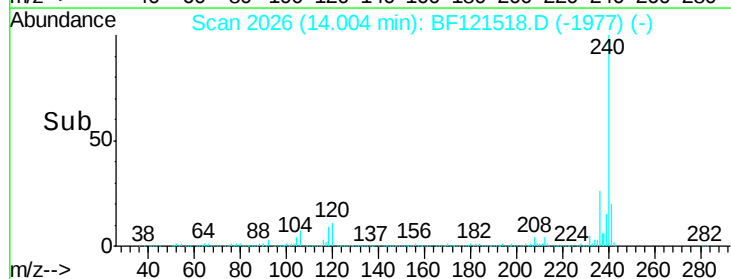
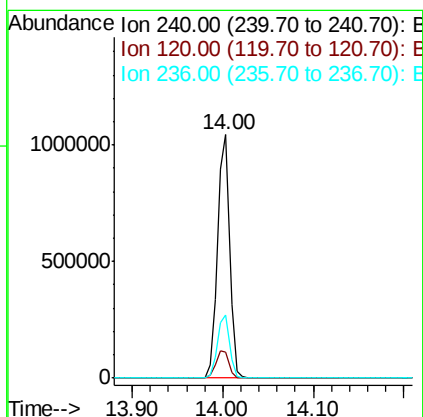
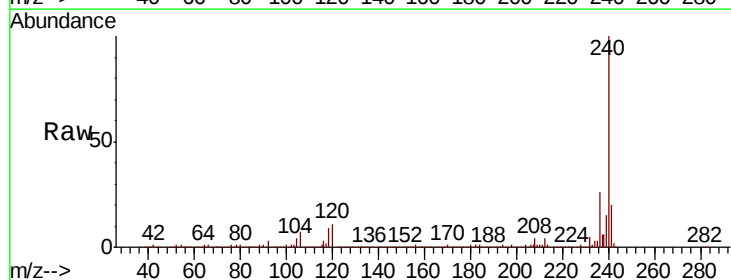
Instrument :
BNA_F
ClientSampleId :
OK-03-090120

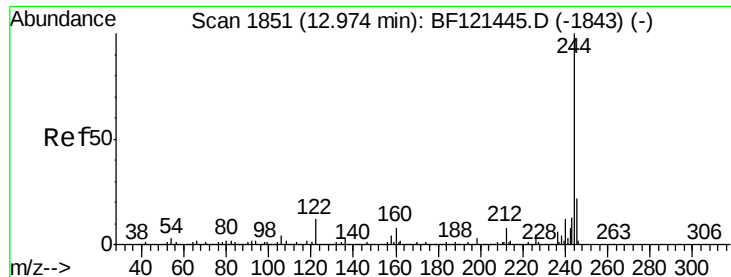
Tot Ion:188 Resp: 1087110
Ion Ratio Lower Upper
188 100
94 10.3 8.8 13.2
80 10.9 9.1 13.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF121518.D
Acq: 2 Sep 2020 17:25

Tgt Ion:240 Resp: 955689
Ion Ratio Lower Upper
240 100
120 10.7 8.0 12.0
236 26.1 21.4 32.2





#79

Terphenyl-d14

Concen: 66.262 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BF121518.D

Acq: 2 Sep 2020 17:25

Instrument :

BNA_F

ClientSampleId :

OK-03-090120

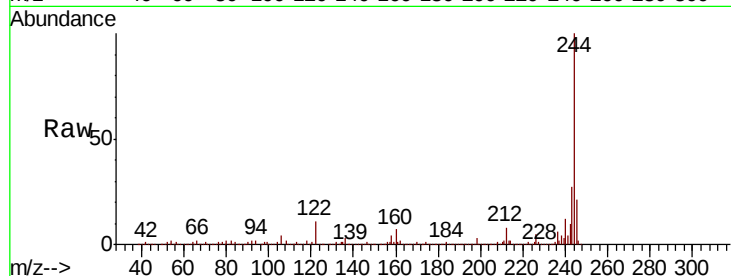
Tot Ion:244 Resp: 3008440

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

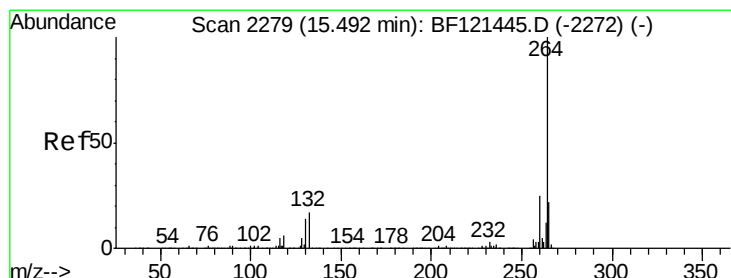
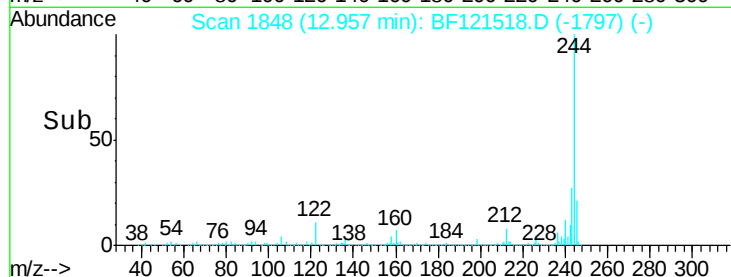
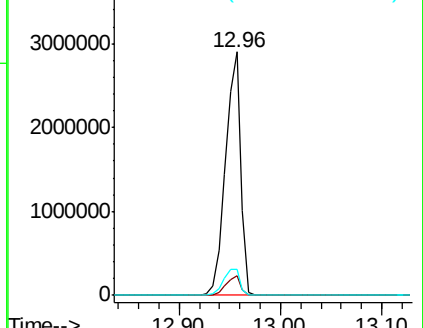
122 10.8 9.3 13.9



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: 15.46 min Scan# 2274

Delta R.T. -0.01 min

Lab File: BF121518.D

Acq: 2 Sep 2020 17:25

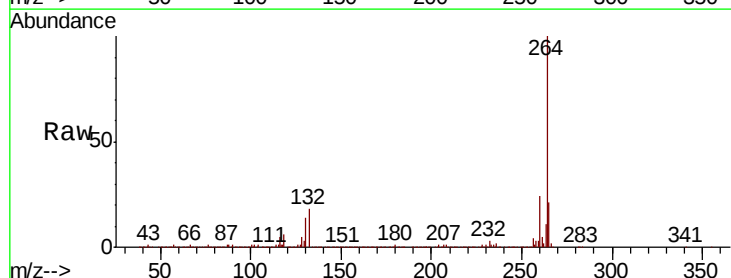
Tgt Ion:264 Resp: 1028331

Ion Ratio Lower Upper

264 100

260 23.7 19.7 29.5

265 21.5 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

