

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041322\
 Data File : BF127777.D
 Acq On : 13 Apr 2022 11:12
 Operator : CG\JU
 Sample : PB144058BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144058BL

Quant Time: Apr 13 16:48:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 16:40:15 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	147325	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	572609	20.000	ng	# 0.00
39) Acenaphthene-d10	9.998	164	332603	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	612801	20.000	ng	0.00
76) Chrysene-d12	14.139	240	474002	20.000	ng	0.00
86) Perylene-d12	15.657	264	353398	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	753542	83.111	ng	0.00
7) Phenol-d6	6.575	99	949762	80.073	ng	-0.01
23) Nitrobenzene-d5	7.522	82	972629	75.725	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	294409	83.181	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1705317	72.533	ng	0.00
79) Terphenyl-d14	13.086	244	1995806	69.499	ng	0.00

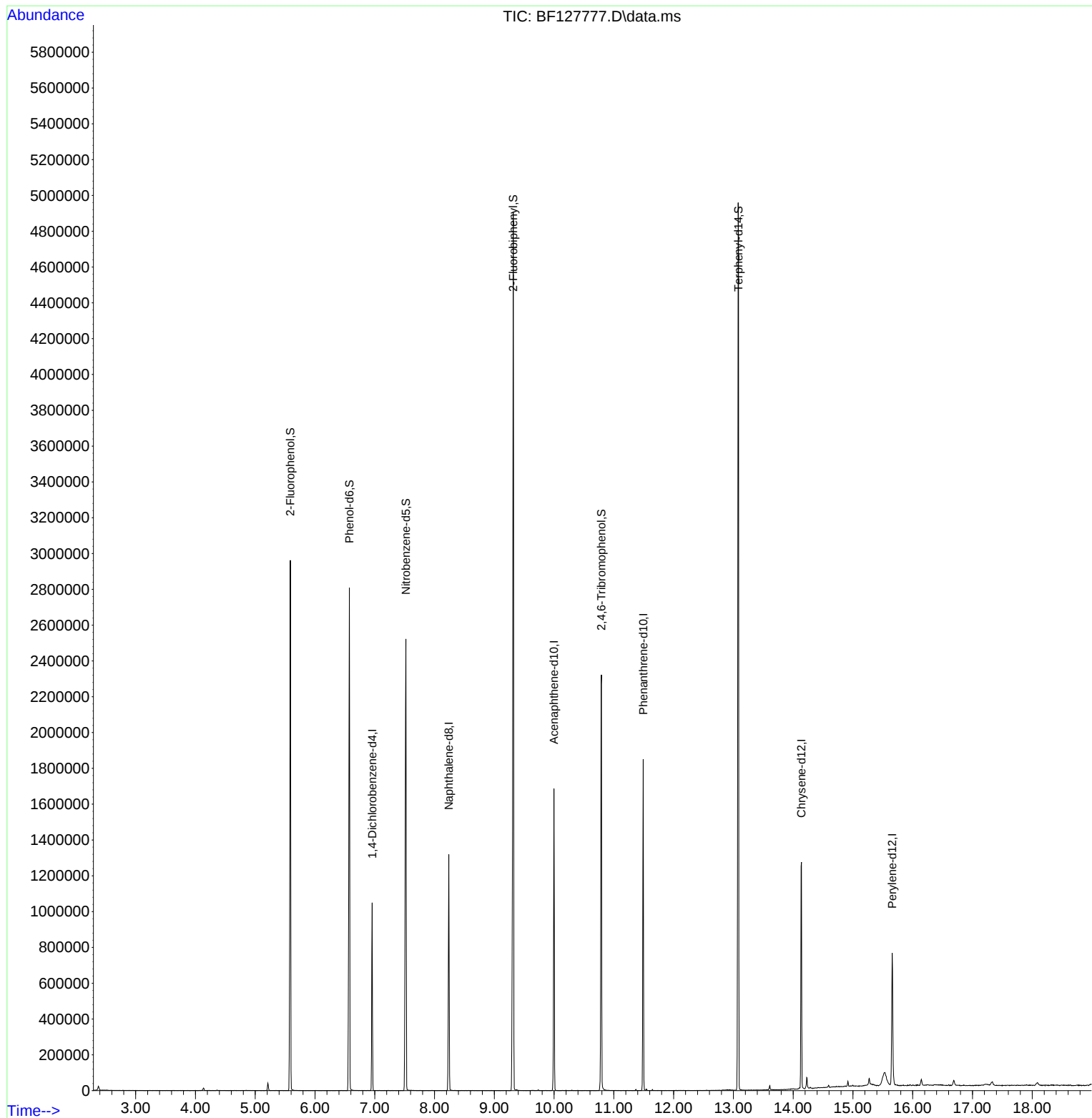
Target Compounds	Qvalue

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

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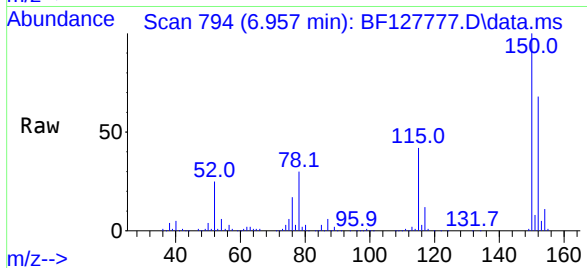
Quant Time: Apr 13 16:48:31 2022
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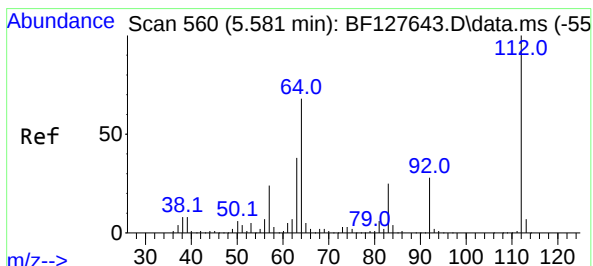
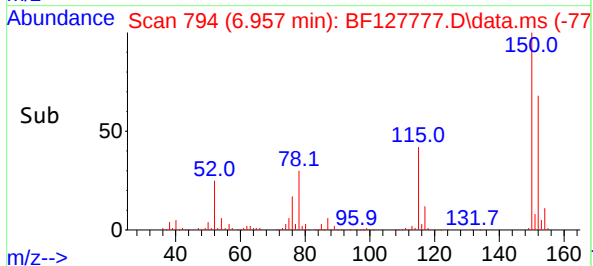
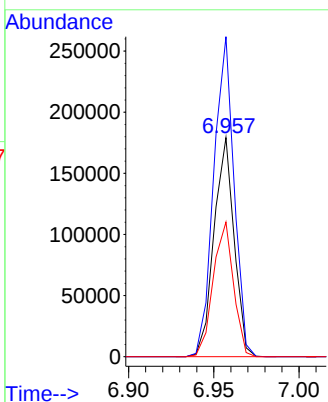


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 794
Delta R.T. -0.006 min
Lab File: BF127777.D
Acq: 13 Apr 2022 11:12

Instrument :
BNA_F
ClientSampleId :
PB144058BL

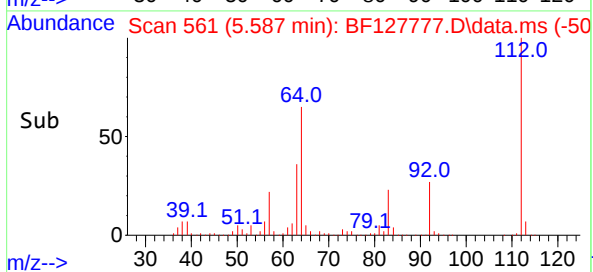
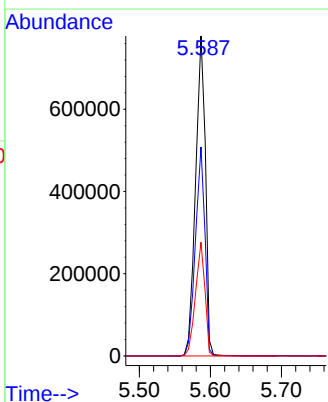
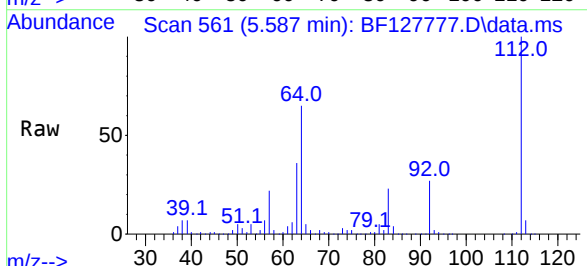


Tgt Ion:152 Resp: 147325
Ion Ratio Lower Upper
152 100
150 146.1 117.2 175.8
115 61.4 49.8 74.6



#5
2-Fluorophenol
Concen: 83.111 ng
RT: 5.587 min Scan# 561
Delta R.T. 0.006 min
Lab File: BF127777.D
Acq: 13 Apr 2022 11:12

Tgt Ion:112 Resp: 753542
Ion Ratio Lower Upper
112 100
64 65.3 58.4 87.6
63 35.6 30.1 45.1

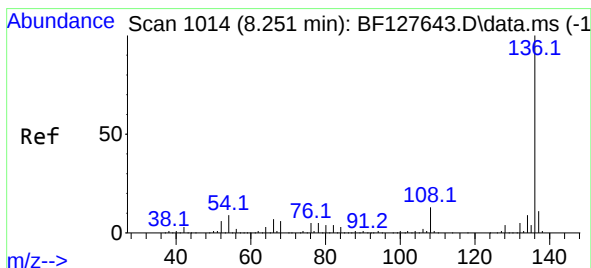
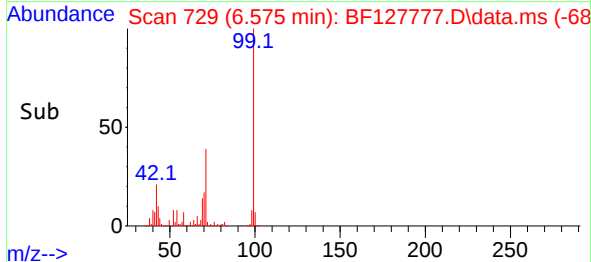
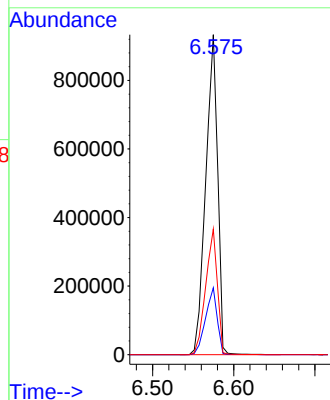
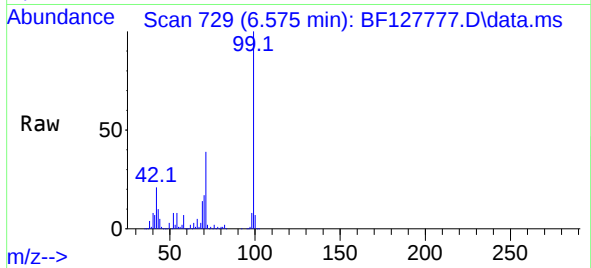




#7
Phenol-d6
Concen: 80.073 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127777.D
Acq: 13 Apr 2022 11:12

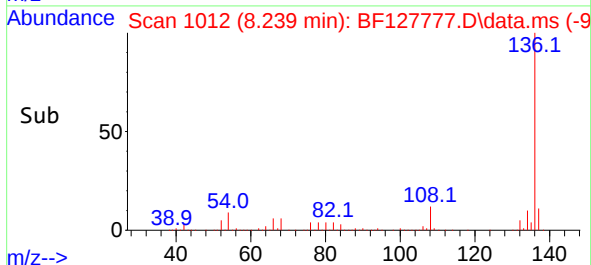
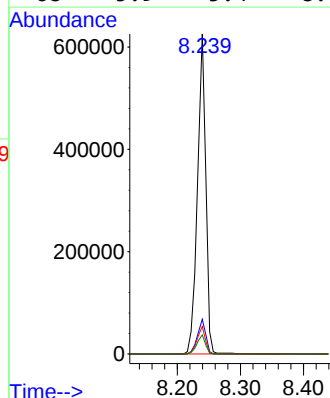
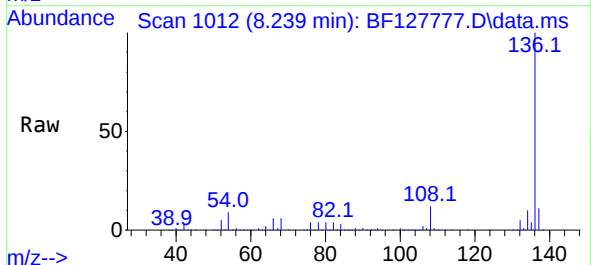
Instrument :
BNA_F
ClientSampleId :
PB144058BL

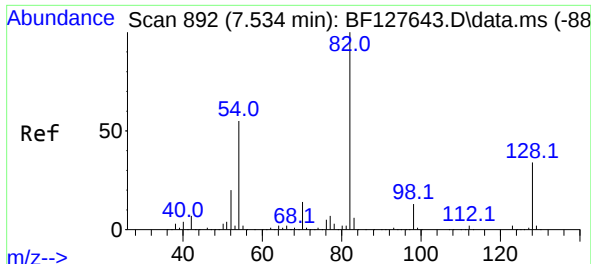
Tgt Ion: 99 Resp: 949762
Ion Ratio Lower Upper
99 100
42 20.9 17.8 26.6
71 39.3 29.6 44.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF127777.D
Acq: 13 Apr 2022 11:12

Tgt Ion: 136 Resp: 572609
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.6 9.2 13.8#
68 5.9 5.4 8.0

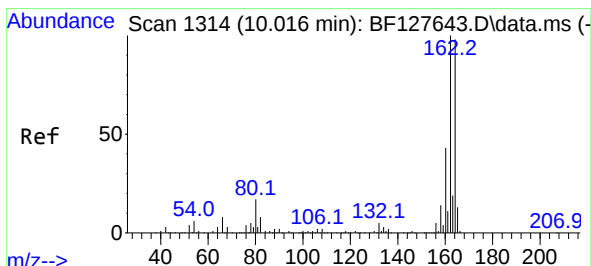
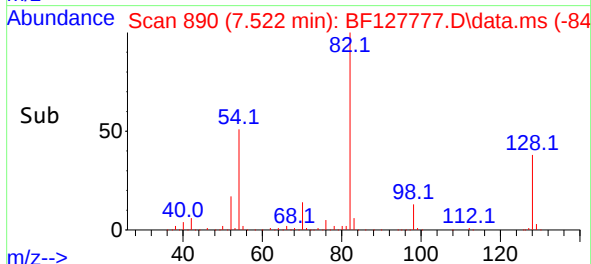
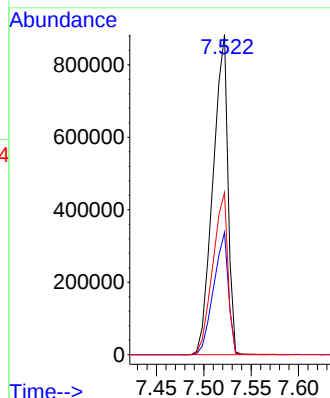
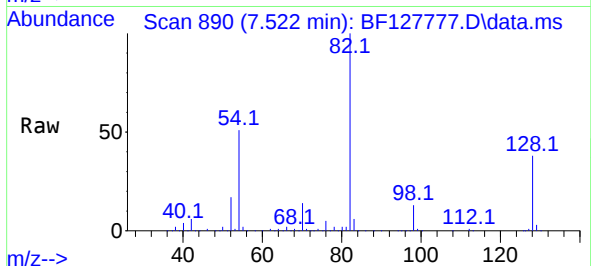




#23
Nitrobenzene-d5
Concen: 75.725 ng
RT: 7.522 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF127777.D
Acq: 13 Apr 2022 11:12

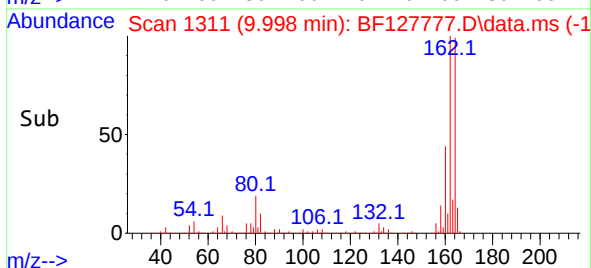
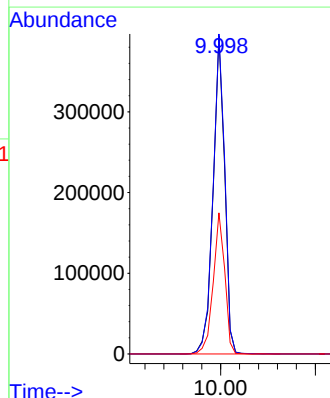
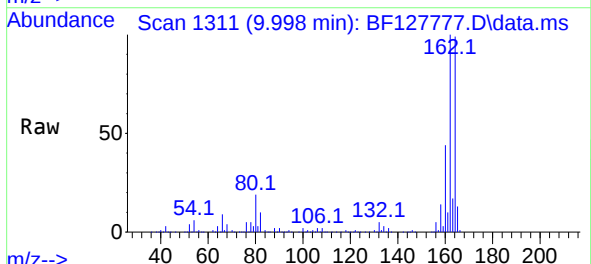
Instrument :
BNA_F
ClientSampleId :
PB144058BL

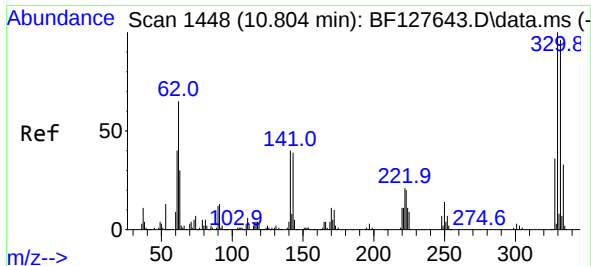
Tgt Ion: 82 Resp: 972629
Ion Ratio Lower Upper
82 100
128 38.2 30.6 45.8
54 50.6 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF127777.D
Acq: 13 Apr 2022 11:12

Tgt Ion: 164 Resp: 332603
Ion Ratio Lower Upper
164 100
162 100.6 81.2 121.8
160 44.4 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 83.181 ng

RT: 10.792 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF127777.D

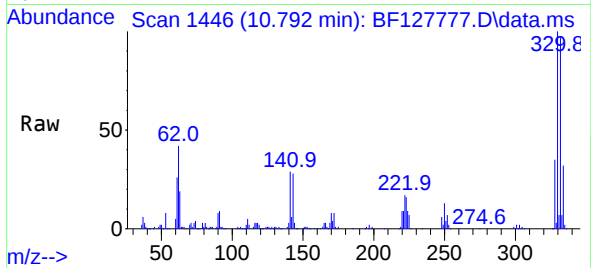
Acq: 13 Apr 2022 11:12

Instrument :

BNA_F

ClientSampleId :

PB144058BL



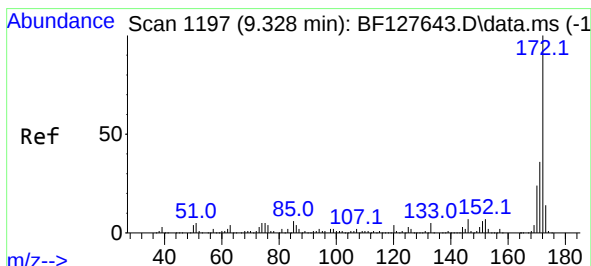
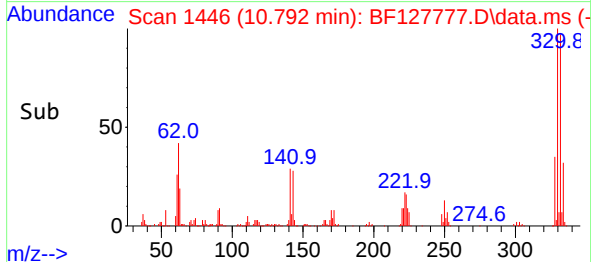
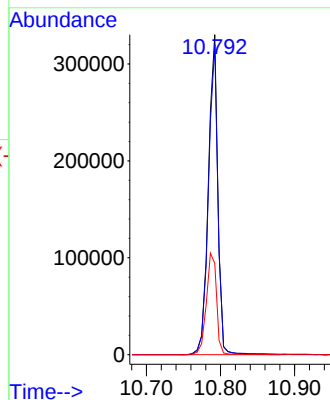
Tgt Ion:330 Resp: 294409

Ion Ratio Lower Upper

330 100

332 96.8 79.1 118.7

141 34.3 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 72.533 ng

RT: 9.316 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF127777.D

Acq: 13 Apr 2022 11:12

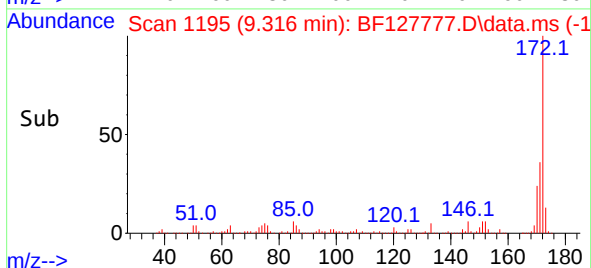
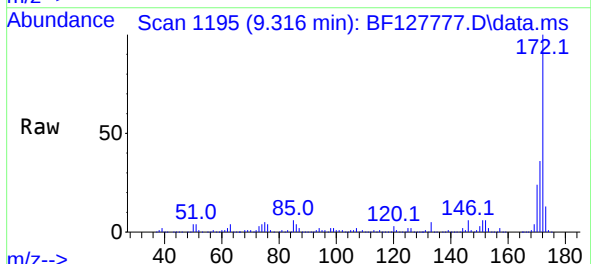
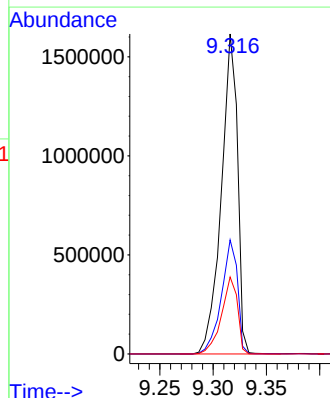
Tgt Ion:172 Resp: 1705317

Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 24.0 18.6 27.8

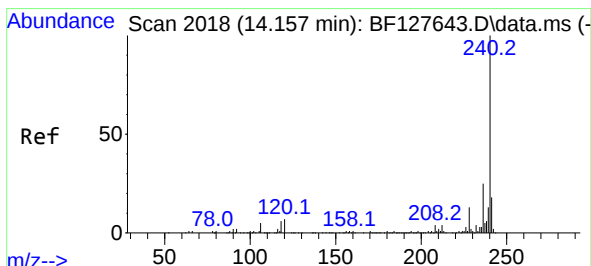
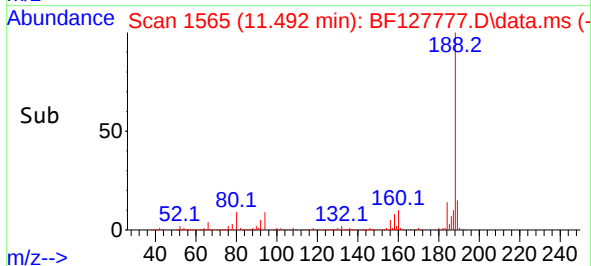
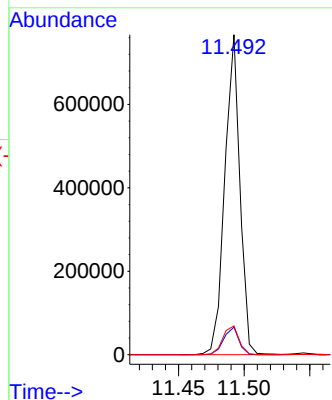
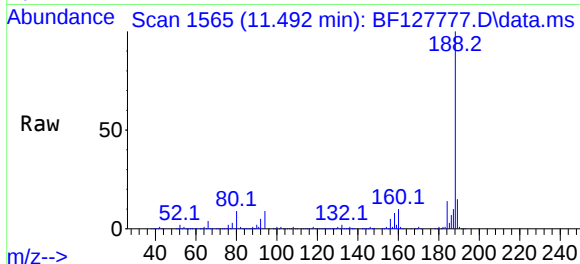




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127777.D
Acq: 13 Apr 2022 11:12

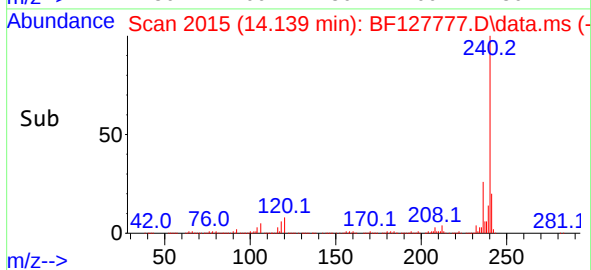
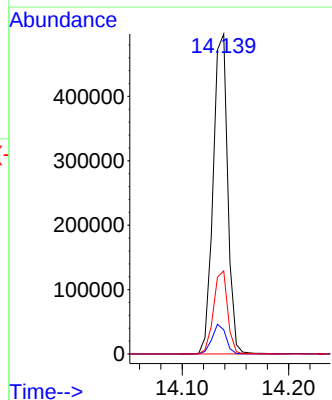
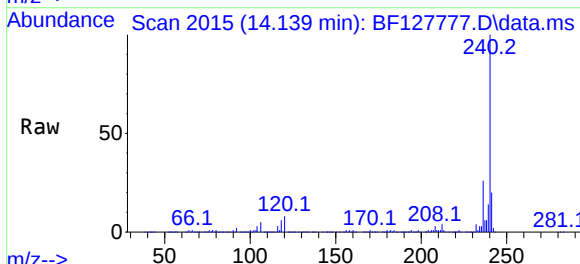
Instrument :
BNA_F
ClientSampleId :
PB144058BL

Tgt Ion:188 Resp: 612801
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.0
80 9.0 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF127777.D
Acq: 13 Apr 2022 11:12

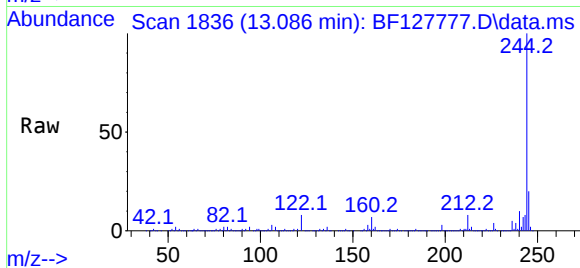
Tgt Ion:240 Resp: 474002
Ion Ratio Lower Upper
240 100
120 7.6 7.1 10.7
236 25.9 20.7 31.1





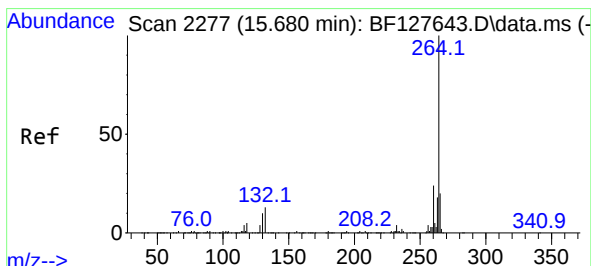
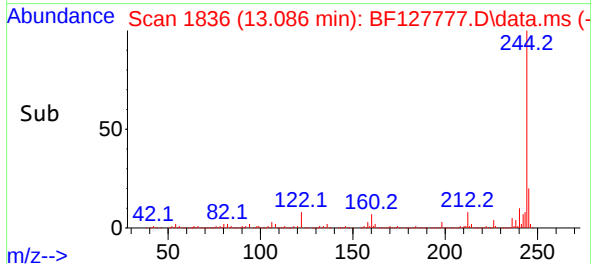
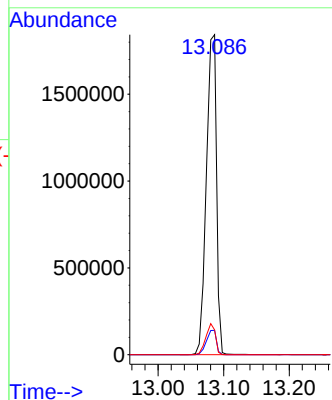
#79
 Terphenyl-d14
 Concen: 69.499 ng
 RT: 13.086 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF127777.D
 Acq: 13 Apr 2022 11:12

Instrument :
 BNA_F
 ClientSampleId :
 PB144058BL



Tgt Ion:244 Resp: 1995806

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.7	8.5
122	7.8	6.2	9.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.657 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF127777.D
 Acq: 13 Apr 2022 11:12

Tgt Ion:264 Resp: 353398

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.1	28.7
265	21.1	17.4	26.2

