

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041422\
 Data File : BF127793.D
 Acq On : 14 Apr 2022 14:39
 Operator : CG\JU
 Sample : PB144112BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144112BL

Quant Time: Apr 15 05:05:58 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	168545	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	626846	20.000	ng	# 0.00
39) Acenaphthene-d10	9.998	164	358934	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	670685	20.000	ng	0.00
76) Chrysene-d12	14.139	240	557539	20.000	ng	0.00
86) Perylene-d12	15.657	264	442051	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	1244291	119.959	ng	0.01
7) Phenol-d6	6.581	99	1600348	117.936	ng	0.00
23) Nitrobenzene-d5	7.522	82	1147705	81.625	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	492339	128.898	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1978419	77.975	ng	0.00
79) Terphenyl-d14	13.086	244	2357804	69.803	ng	0.00

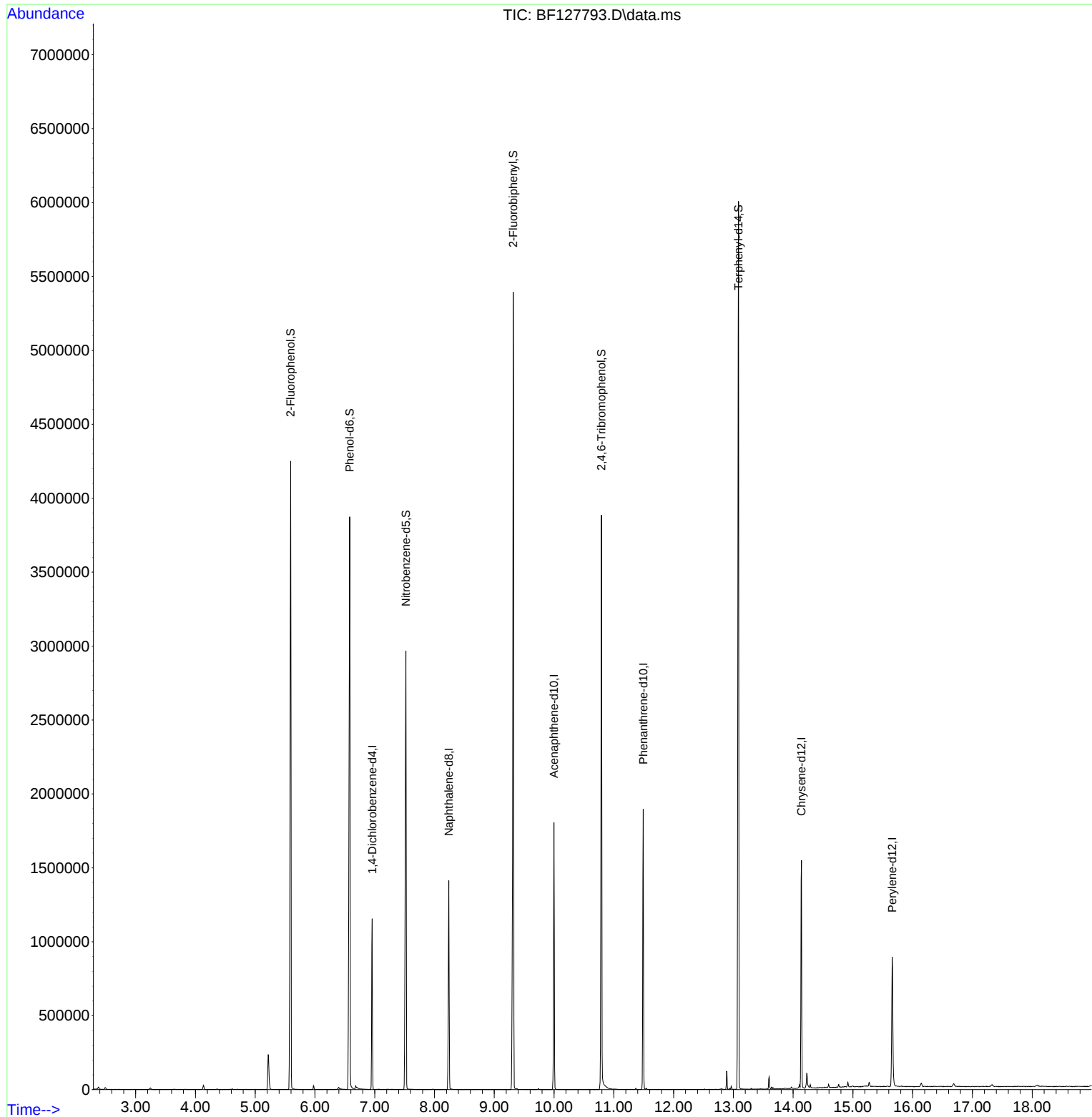
Target Compounds	Qvalue

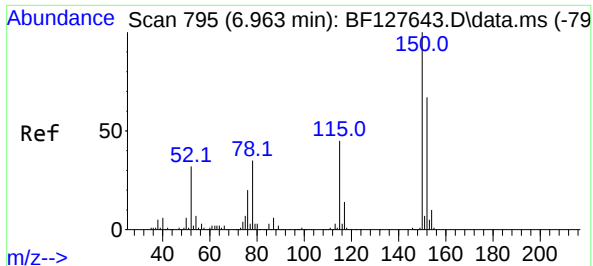
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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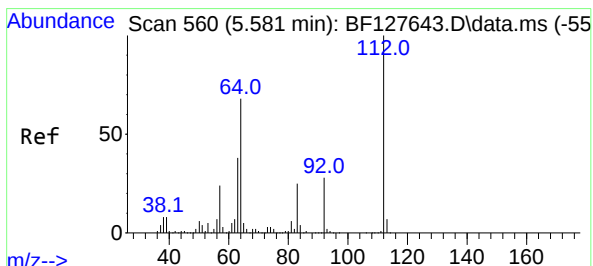
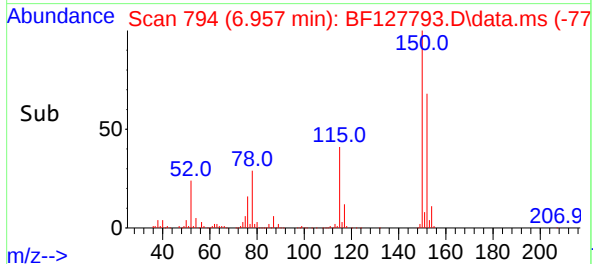
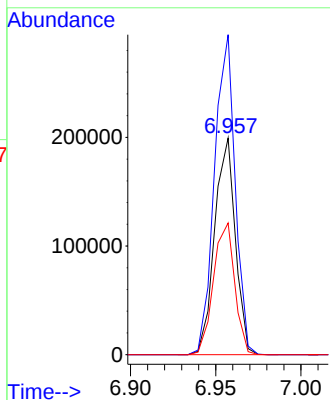
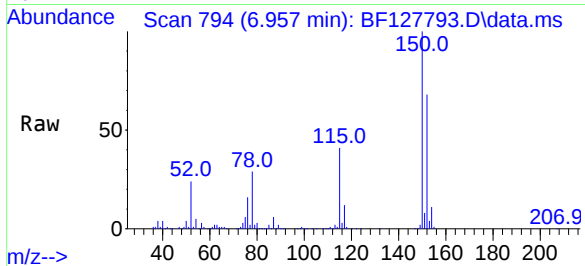




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF127793.D
Acq: 14 Apr 2022 14:39

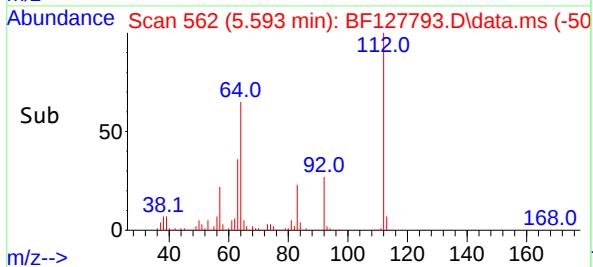
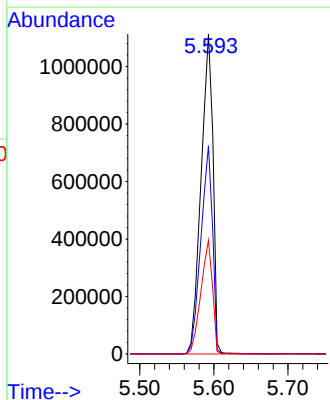
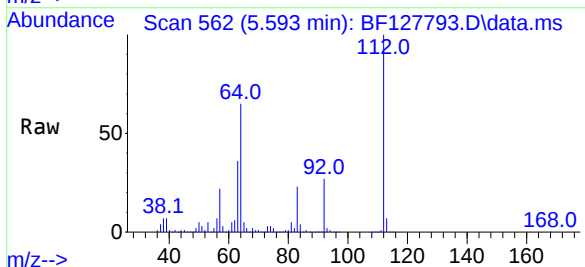
Instrument :
BNA_F
ClientSampleId :
PB144112BL

Tgt Ion:152 Resp: 168545
Ion Ratio Lower Upper
152 100
150 147.7 117.2 175.8
115 60.8 49.8 74.6



#5
2-Fluorophenol
Concen: 119.959 ng
RT: 5.593 min Scan# 562
Delta R.T. 0.012 min
Lab File: BF127793.D
Acq: 14 Apr 2022 14:39

Tgt Ion:112 Resp: 1244291
Ion Ratio Lower Upper
112 100
64 65.0 58.4 87.6
63 35.6 30.1 45.1



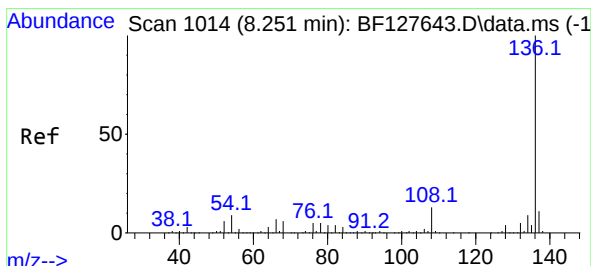
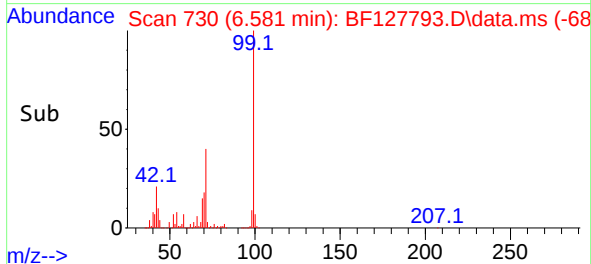
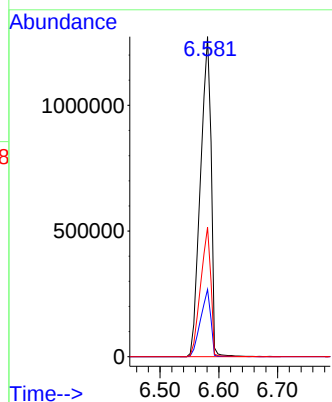
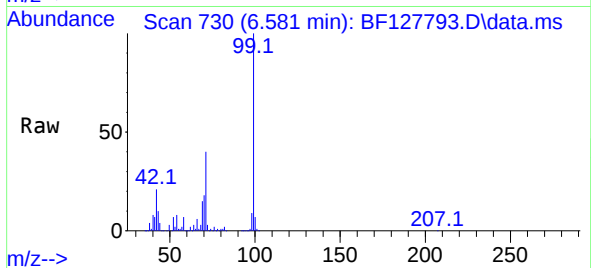


#7
Phenol-d6
Concen: 117.936 ng
RT: 6.581 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127793.D
Acq: 14 Apr 2022 14:39

Instrument :
BNA_F
ClientSampleId :
PB144112BL

Tgt Ion: 99 Resp: 1600348

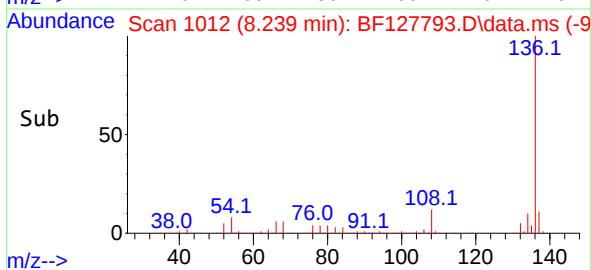
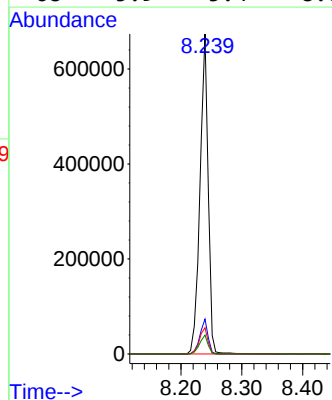
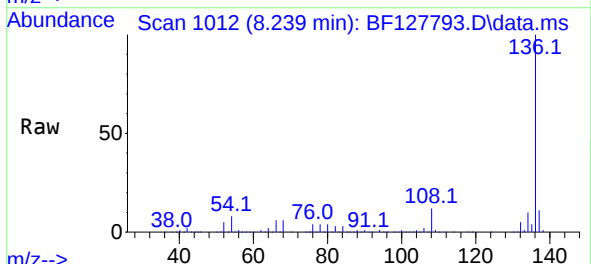
Ion	Ratio	Lower	Upper
99	100		
42	21.0	17.8	26.6
71	40.5	29.6	44.4

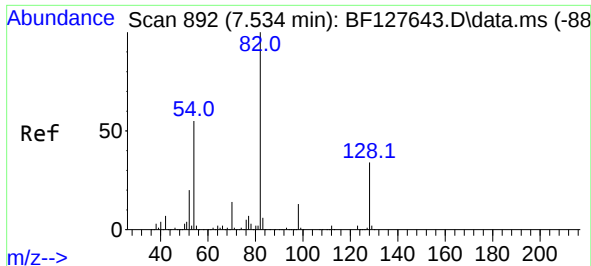


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF127793.D
Acq: 14 Apr 2022 14:39

Tgt Ion: 136 Resp: 626846

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.2	9.2	13.8#
68	5.9	5.4	8.0





#23

Nitrobenzene-d5

Concen: 81.625 ng

RT: 7.522 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF127793.D

Acq: 14 Apr 2022 14:39

Instrument :

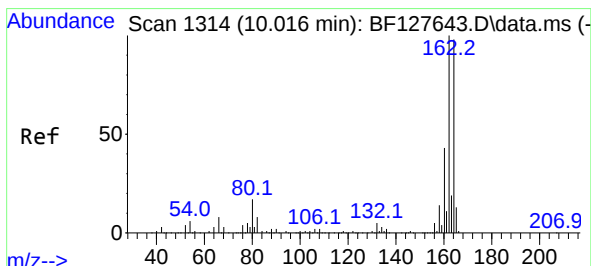
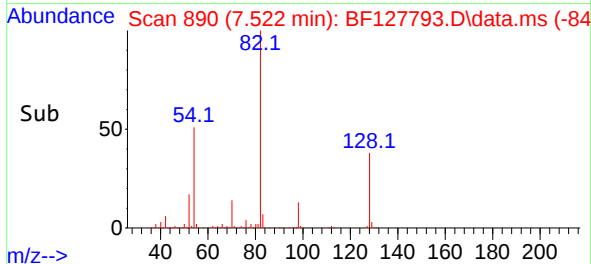
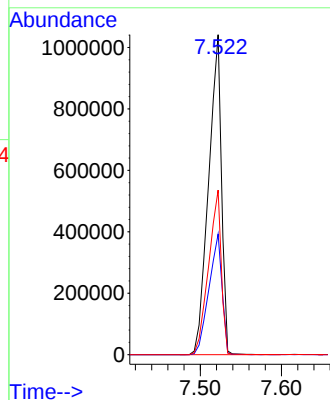
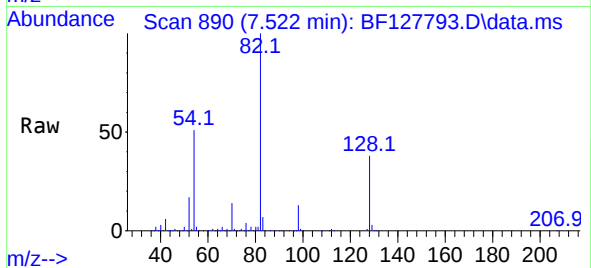
BNA_F

ClientSampleId :

PB144112BL

Tgt Ion: 82 Resp: 1147705

Ion	Ratio	Lower	Upper
82	100		
128	37.7	30.6	45.8
54	51.4	48.2	72.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1311

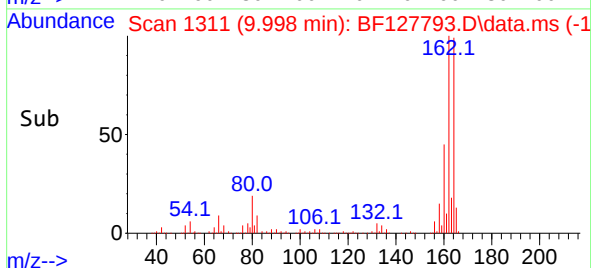
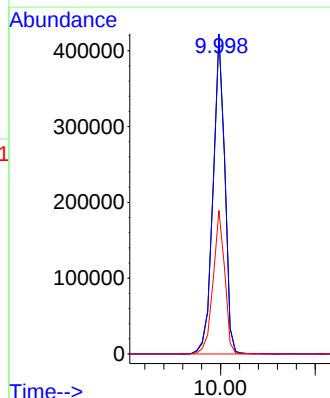
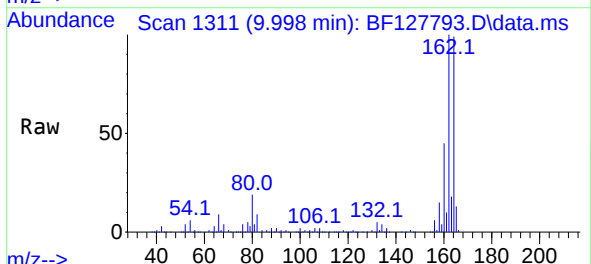
Delta R.T. -0.006 min

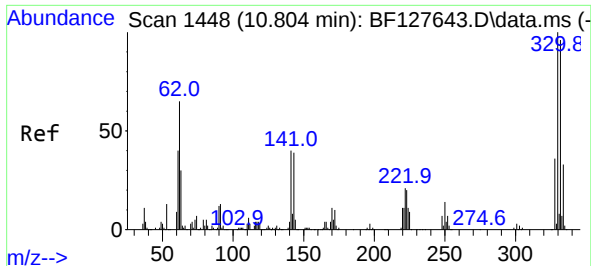
Lab File: BF127793.D

Acq: 14 Apr 2022 14:39

Tgt Ion: 164 Resp: 358934

Ion	Ratio	Lower	Upper
164	100		
162	100.5	81.2	121.8
160	45.1	34.6	52.0





#42

2,4,6-Tribromophenol

Concen: 128.898 ng

RT: 10.792 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF127793.D

Acq: 14 Apr 2022 14:39

Instrument :

BNA_F

ClientSampleId :

PB144112BL

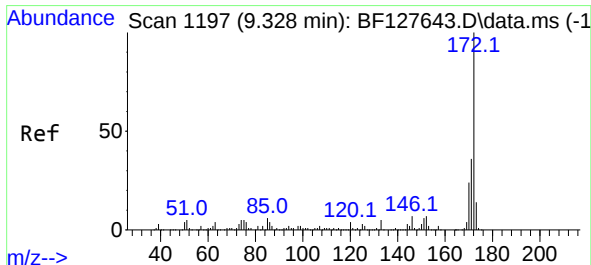
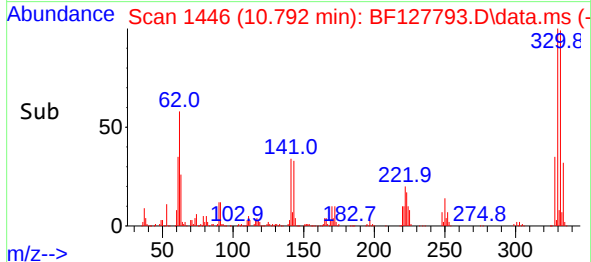
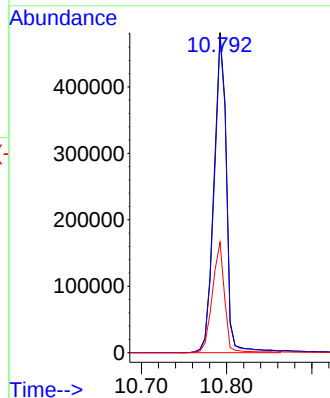
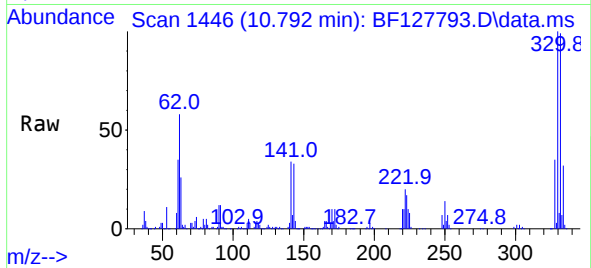
Tgt Ion:330 Resp: 492339

Ion Ratio Lower Upper

330 100

332 99.1 79.1 118.7

141 34.2 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 77.975 ng

RT: 9.316 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF127793.D

Acq: 14 Apr 2022 14:39

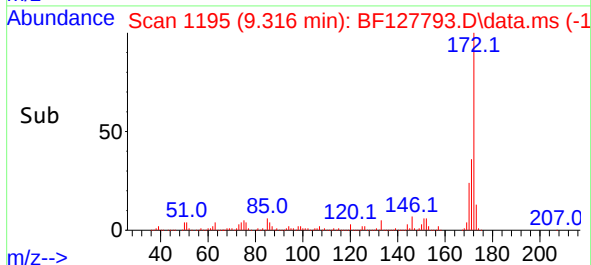
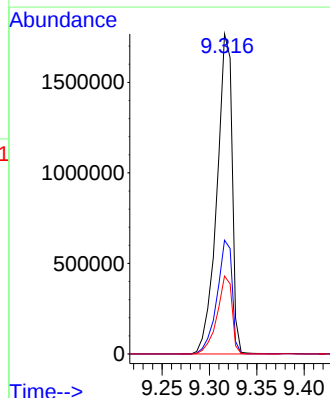
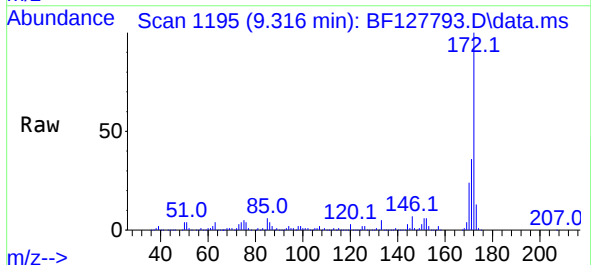
Tgt Ion:172 Resp: 1978419

Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 24.3 18.6 27.8

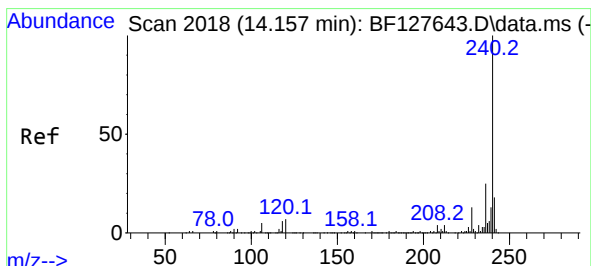
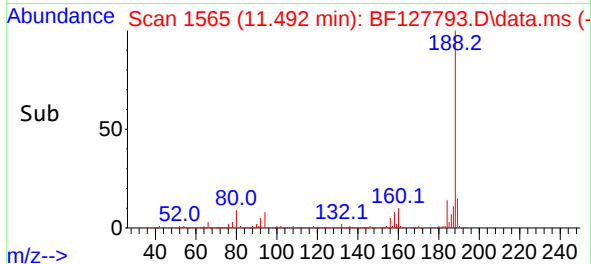
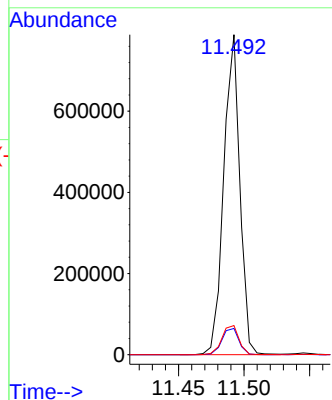
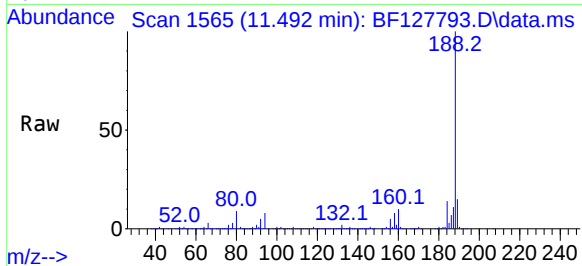




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127793.D
Acq: 14 Apr 2022 14:39

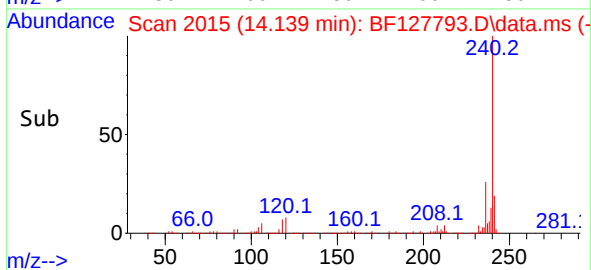
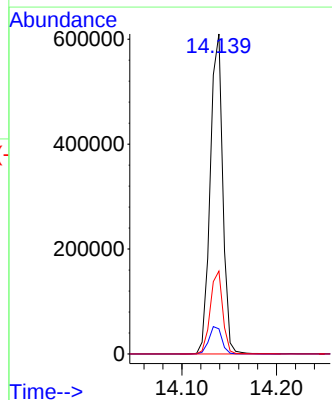
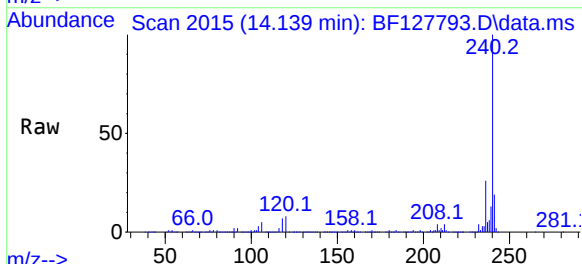
Instrument :
BNA_F
ClientSampleId :
PB144112BL

Tgt Ion:188 Resp: 670685
Ion Ratio Lower Upper
188 100
94 8.2 7.4 11.0
80 9.1 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: BF127793.D
Acq: 14 Apr 2022 14:39

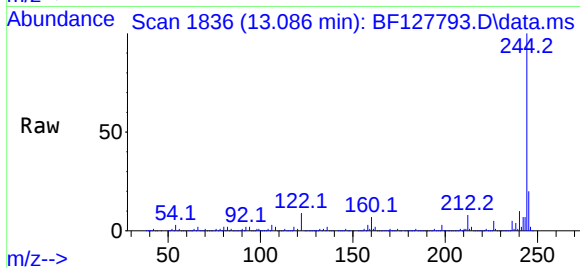
Tgt Ion:240 Resp: 557539
Ion Ratio Lower Upper
240 100
120 7.9 7.1 10.7
236 25.9 20.7 31.1





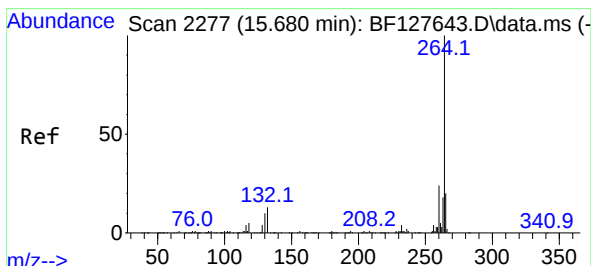
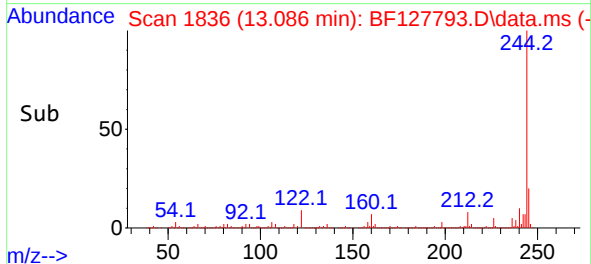
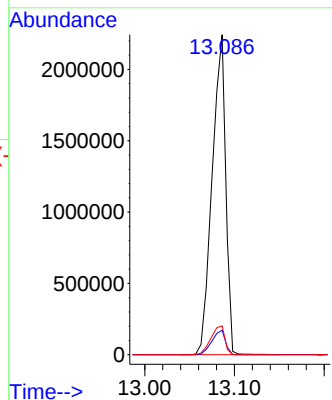
#79
 Terphenyl-d14
 Concen: 69.803 ng
 RT: 13.086 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF127793.D
 Acq: 14 Apr 2022 14:39

Instrument :
 BNA_F
 ClientSampleId :
 PB144112BL



Tgt Ion:244 Resp: 2357804

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.7	8.5
122	9.0	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: BF127793.D
 Acq: 14 Apr 2022 14:39

Tgt Ion:264 Resp: 442051

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.1	28.7
265	20.5	17.4	26.2

