

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032122\
 Data File : BF127434.D
 Acq On : 22 Mar 2022 04:42
 Operator : CG\JU
 Sample : N1958-23
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-8-7-8

Quant Time: Mar 22 05:07:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 22 02:16:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	99925	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	372327	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	221376	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	401405	20.000	ng	0.00
76) Chrysene-d12	14.022	240	280639	20.000	ng	0.00
86) Perylene-d12	15.504	264	195185	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	787331	125.770	ng	0.02
7) Phenol-d6	6.487	99	1002162	117.115	ng	0.00
23) Nitrobenzene-d5	7.416	82	803513	92.249	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	322569	136.785	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1379265	90.979	ng	0.00
79) Terphenyl-d14	12.969	244	1594442	93.007	ng	0.00

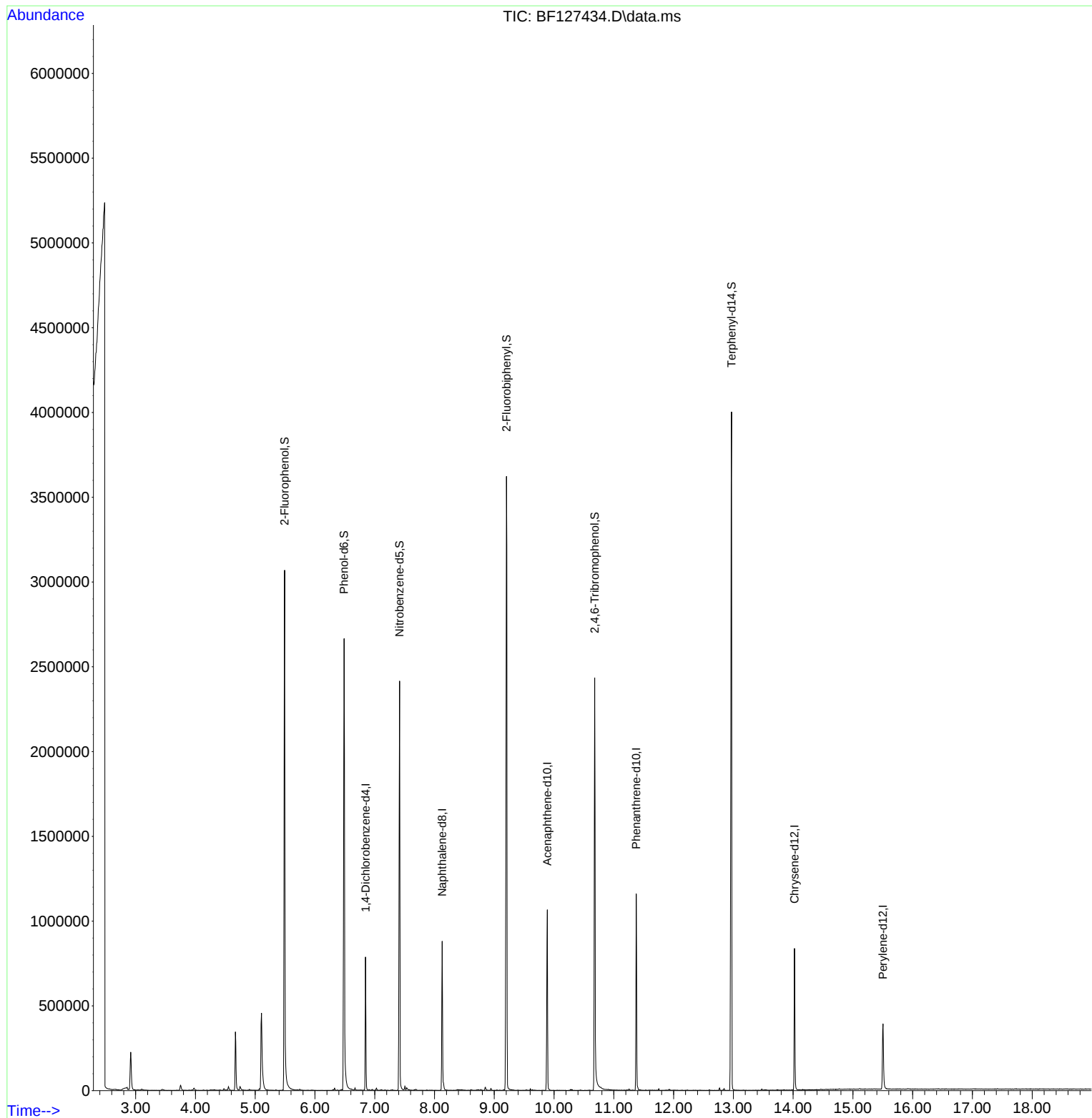
Target Compounds	Qvalue

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

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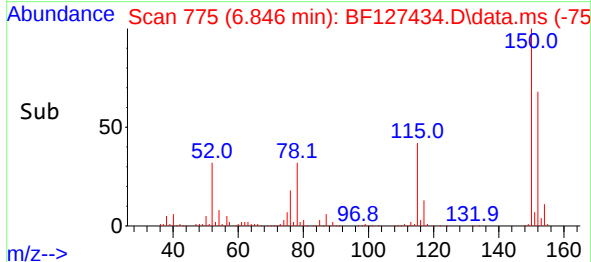
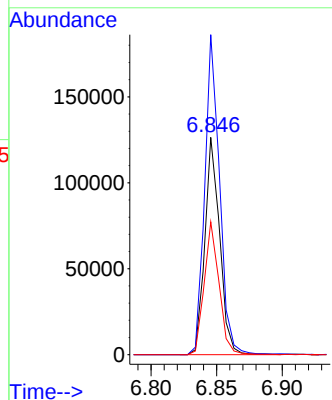
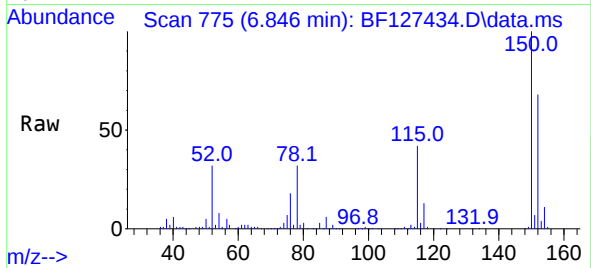




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF127434.D
Acq: 22 Mar 2022 04:42

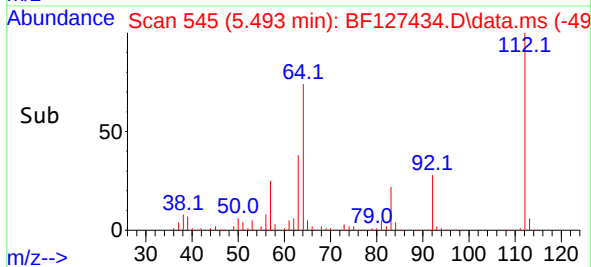
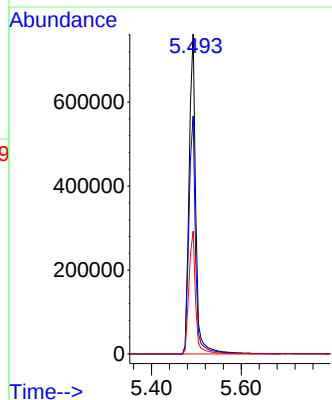
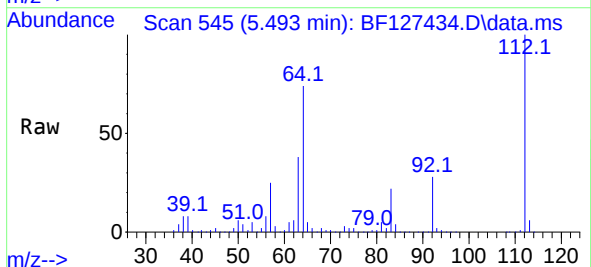
Instrument :
BNA_F
ClientSampleId :
C-8-7-8

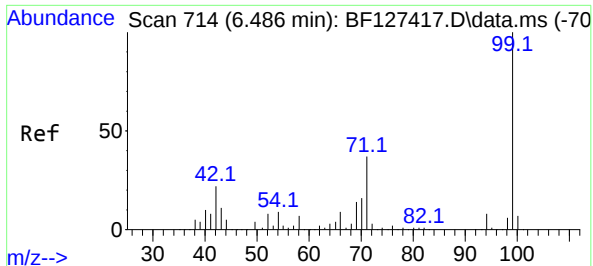
Tgt Ion:152 Resp: 99925
Ion Ratio Lower Upper
152 100
150 147.2 117.2 175.8
115 61.1 49.8 74.6



#5
2-Fluorophenol
Concen: 125.770 ng
RT: 5.493 min Scan# 545
Delta R.T. 0.024 min
Lab File: BF127434.D
Acq: 22 Mar 2022 04:42

Tgt Ion:112 Resp: 787331
Ion Ratio Lower Upper
112 100
64 74.4 58.4 87.6
63 38.4 30.1 45.1



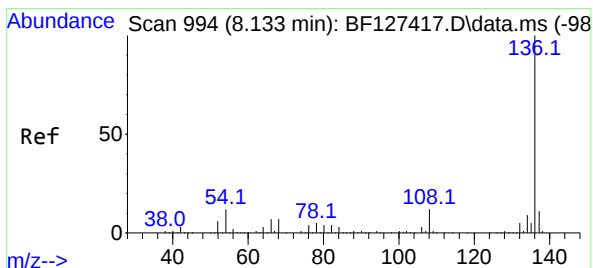
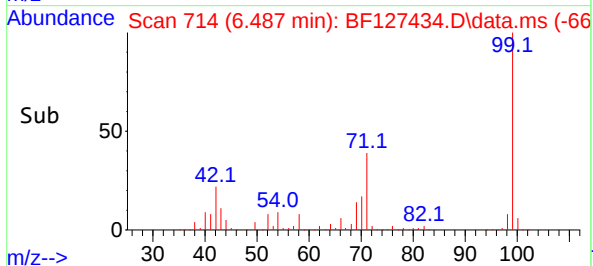
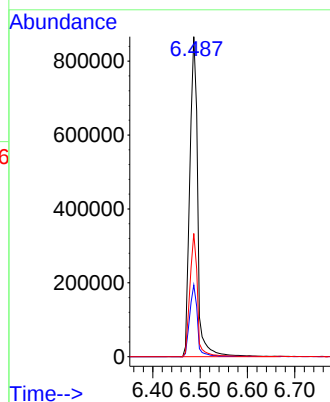
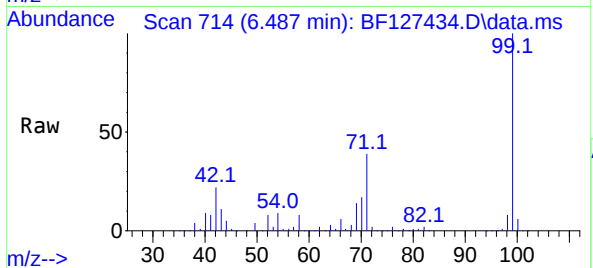


#7
Phenol-d6
Concen: 117.115 ng
RT: 6.487 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF127434.D
Acq: 22 Mar 2022 04:42

Instrument :
BNA_F
ClientSampleId :
C-8-7-8

Tgt Ion: 99 Resp: 1002162

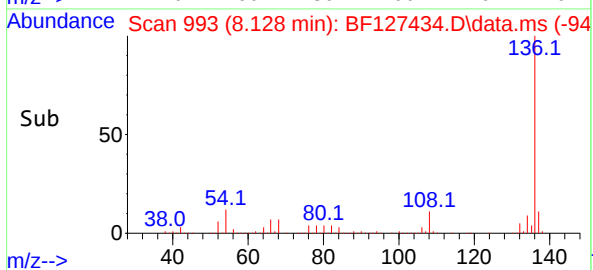
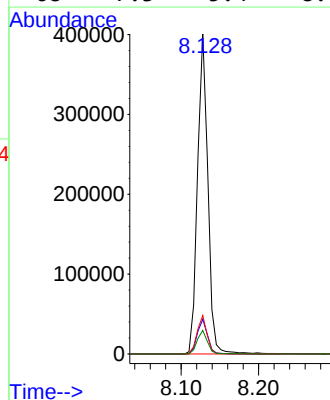
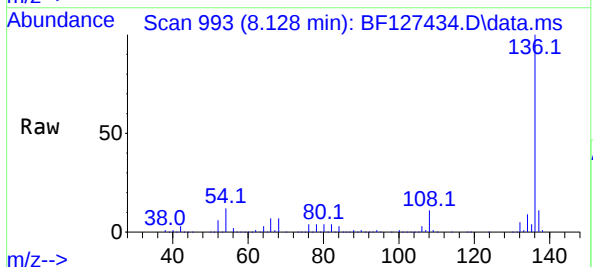
Ion	Ratio	Lower	Upper
99	100		
42	22.4	17.8	26.6
71	38.5	29.6	44.4

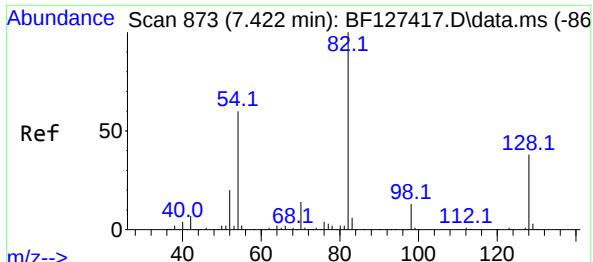


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF127434.D
Acq: 22 Mar 2022 04:42

Tgt Ion: 136 Resp: 372327

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	12.0	9.2	13.8
68	7.3	5.4	8.0

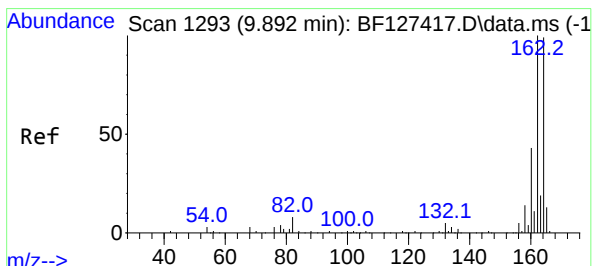
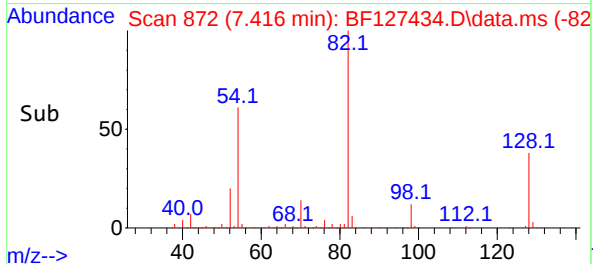
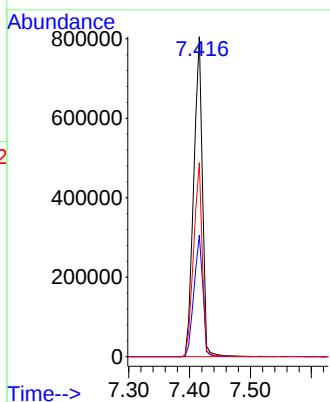
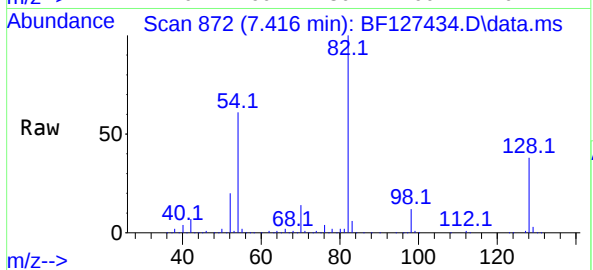




#23
 Nitrobenzene-d5
 Concen: 92.249 ng
 RT: 7.416 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF127434.D
 Acq: 22 Mar 2022 04:42

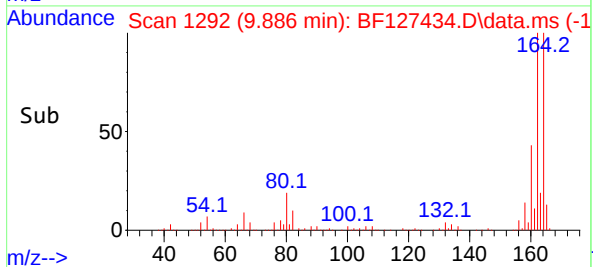
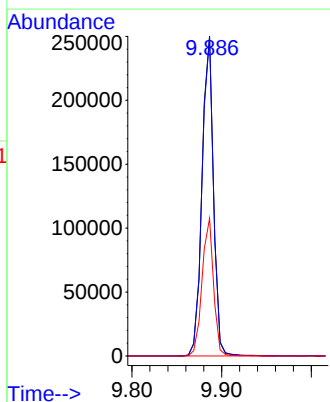
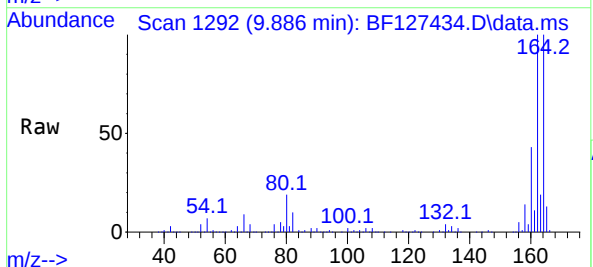
Instrument :
 BNA_F
 ClientSampleId :
 C-8-7-8

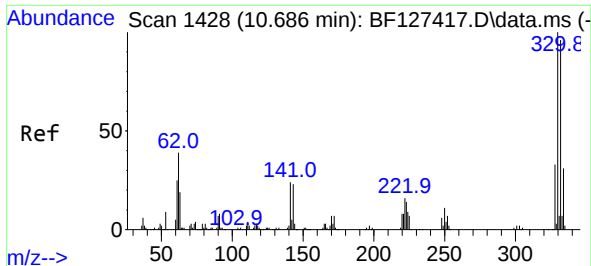
Tgt Ion: 82 Resp: 803513
 Ion Ratio Lower Upper
 82 100
 128 38.0 30.6 45.8
 54 60.7 48.2 72.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.886 min Scan# 1292
 Delta R.T. -0.006 min
 Lab File: BF127434.D
 Acq: 22 Mar 2022 04:42

Tgt Ion:164 Resp: 221376
 Ion Ratio Lower Upper
 164 100
 162 99.7 81.2 121.8
 160 43.0 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 136.785 ng

RT: 10.681 min Scan# 1428

Delta R.T. -0.006 min

Lab File: BF127434.D

Acq: 22 Mar 2022 04:42

Instrument :

BNA_F

ClientSampleId :

C-8-7-8

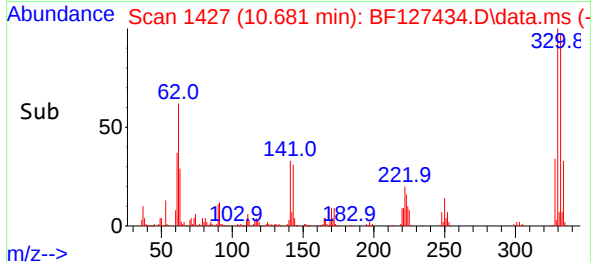
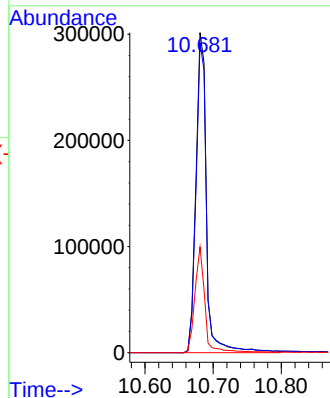
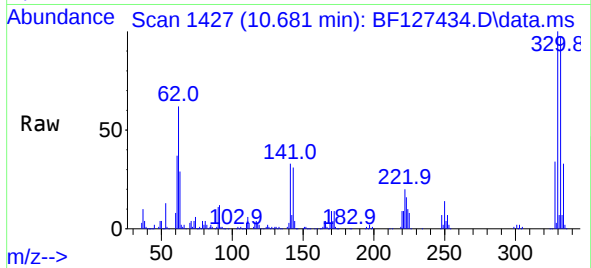
Tgt Ion:330 Resp: 322569

Ion Ratio Lower Upper

330 100

332 97.7 79.1 118.7

141 31.9 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 90.979 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF127434.D

Acq: 22 Mar 2022 04:42

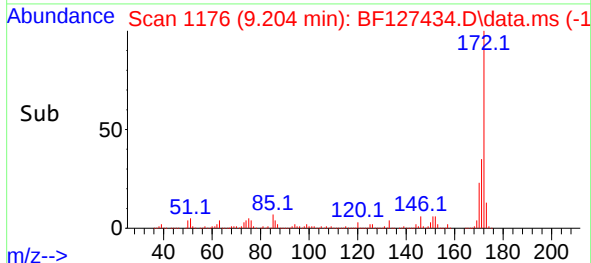
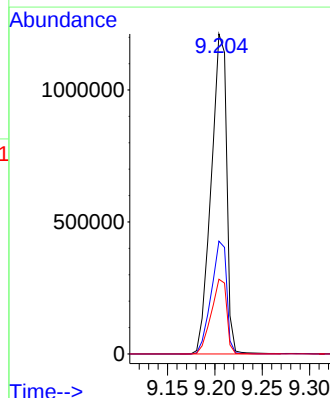
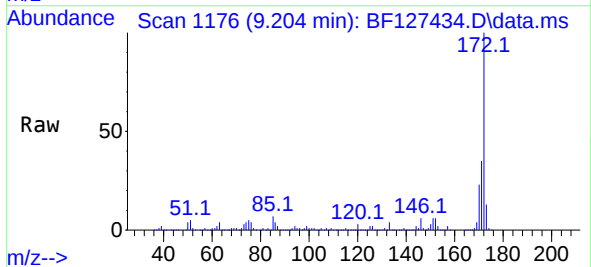
Tgt Ion:172 Resp: 1379265

Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.4 18.6 27.8

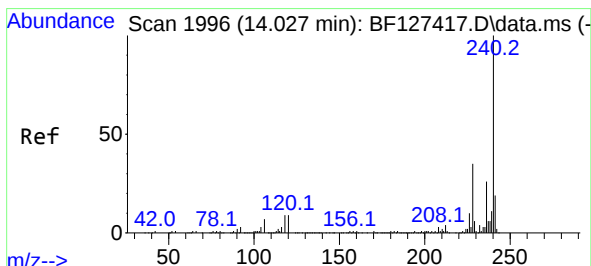
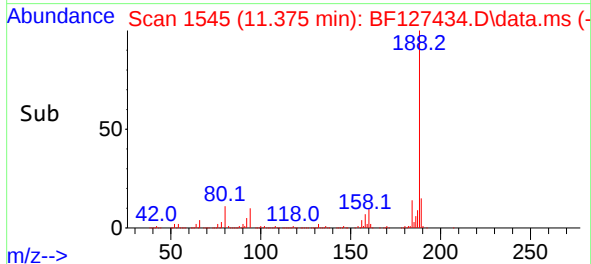
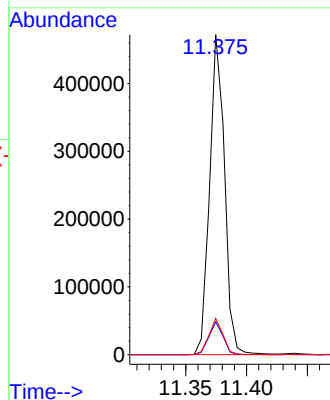
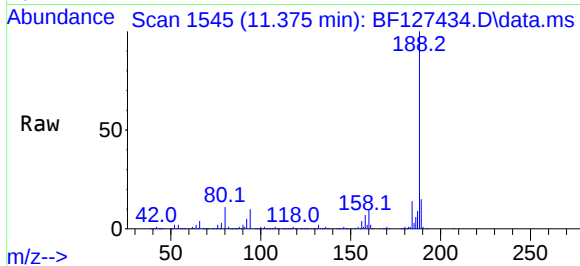




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF127434.D
Acq: 22 Mar 2022 04:42

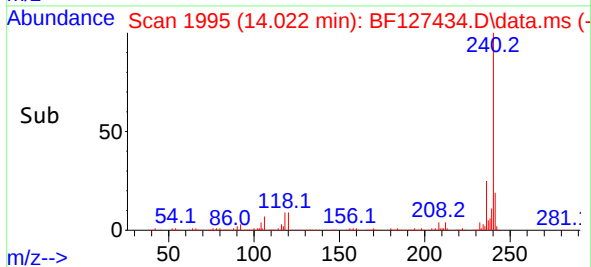
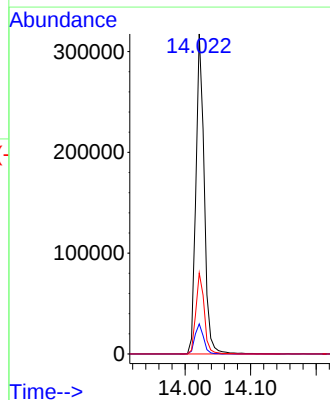
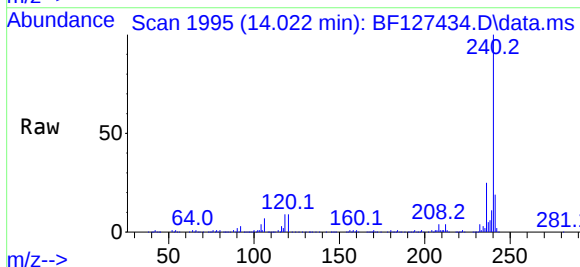
Instrument :
BNA_F
ClientSampleId :
C-8-7-8

Tgt Ion:188 Resp: 401405
Ion Ratio Lower Upper
188 100
94 10.3 7.4 11.0
80 11.4 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.022 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF127434.D
Acq: 22 Mar 2022 04:42

Tgt Ion:240 Resp: 280639
Ion Ratio Lower Upper
240 100
120 9.4 7.1 10.7
236 25.3 20.7 31.1

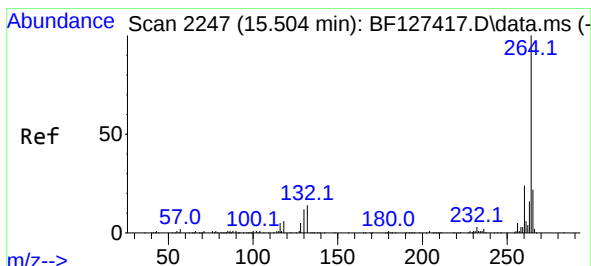
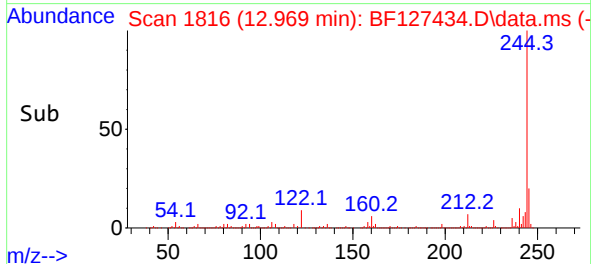
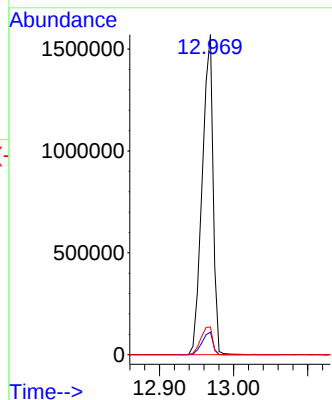
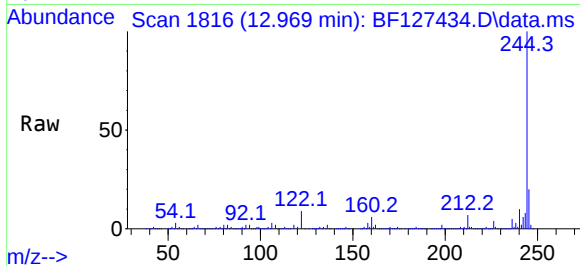




#79
 Terphenyl-d14
 Concen: 93.007 ng
 RT: 12.969 min Scan# 1816
 Delta R.T. 0.000 min
 Lab File: BF127434.D
 Acq: 22 Mar 2022 04:42

Instrument :
 BNA_F
 ClientSampleId :
 C-8-7-8

Tgt Ion:244 Resp: 1594442
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 8.7 6.2 9.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2247
 Delta R.T. 0.000 min
 Lab File: BF127434.D
 Acq: 22 Mar 2022 04:42

Tgt Ion:264 Resp: 195185
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.1 28.7
 265 20.9 17.4 26.2

