

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050422\
 Data File : BF128069.D
 Acq On : 04 May 2022 14:02
 Operator : CG\JU
 Sample : N2665-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-12,15

Quant Time: May 05 06:02:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 04:23:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	90087	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	334887	20.000	ng	0.00
39) Acenaphthene-d10	9.957	164	185855	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	289770	20.000	ng	# 0.00
76) Chrysene-d12	14.098	240	209150	20.000	ng	0.00
86) Perylene-d12	15.604	264	193790	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	513494	90.788	ng	0.00
7) Phenol-d6	6.540	99	666754	90.851	ng	-0.01
23) Nitrobenzene-d5	7.481	82	470212	66.026	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	167676	89.621	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	799681	72.791	ng	0.00
79) Terphenyl-d14	13.039	244	685704	59.950	ng	0.00

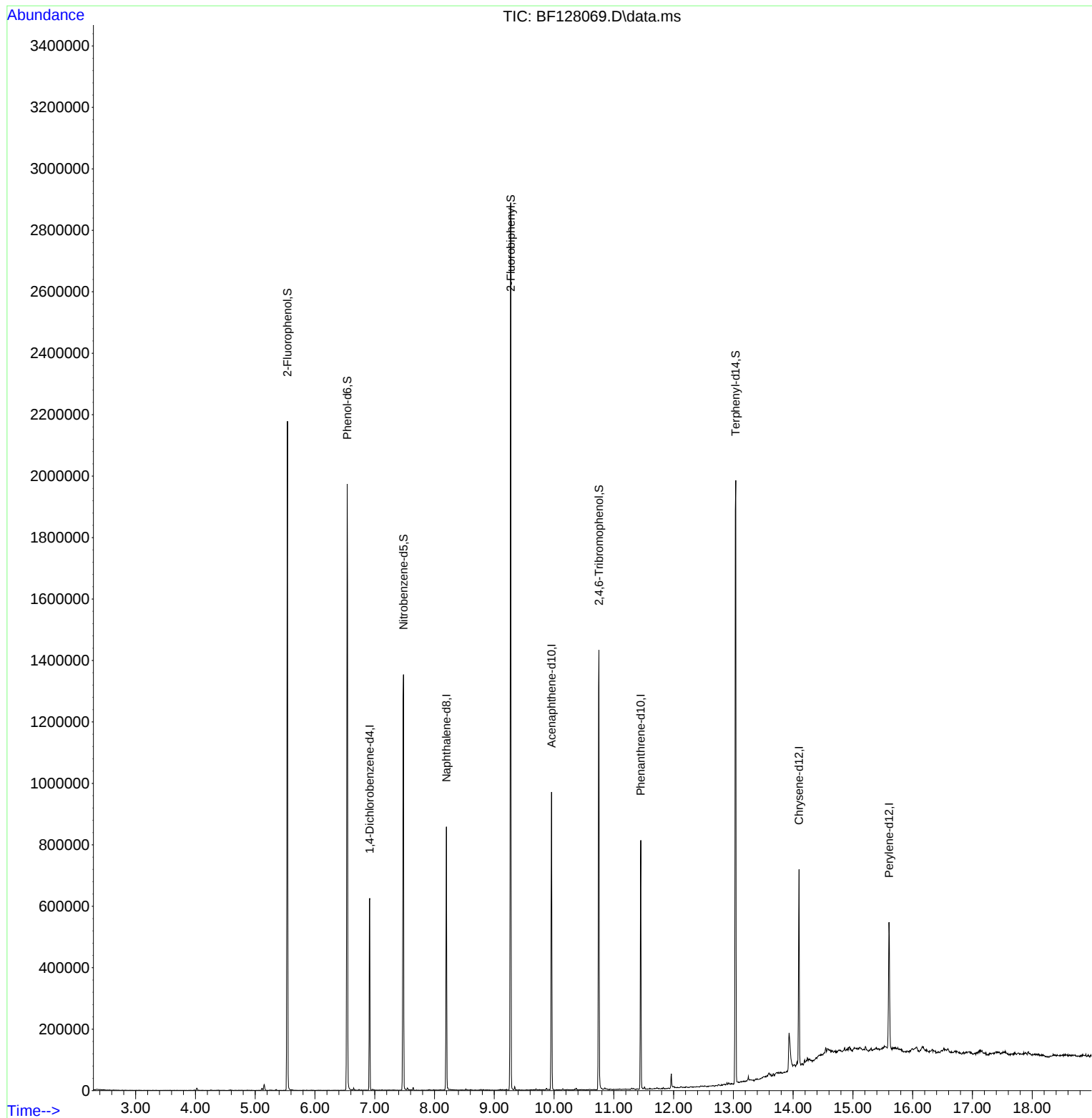
Target Compounds	Qvalue

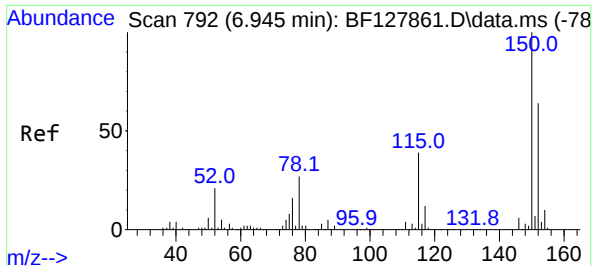
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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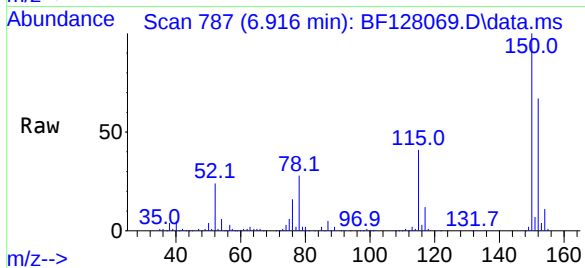
Quant Time: May 05 06:02:59 2022
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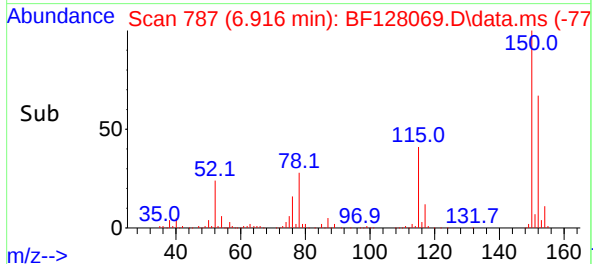
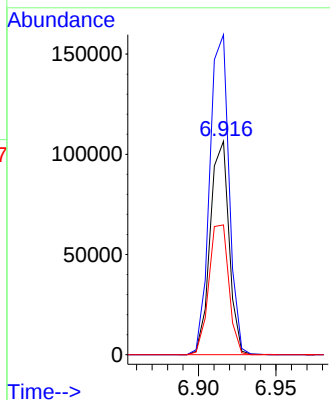


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128069.D
Acq: 04 May 2022 14:02

Instrument :
BNA_F
ClientSampleId :
SB-12,15

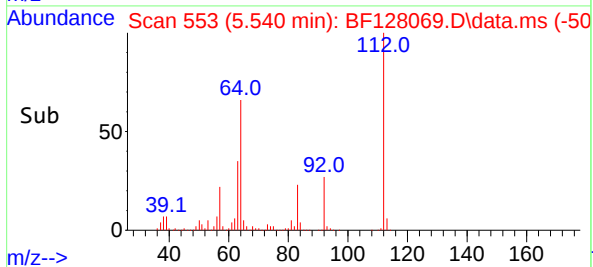
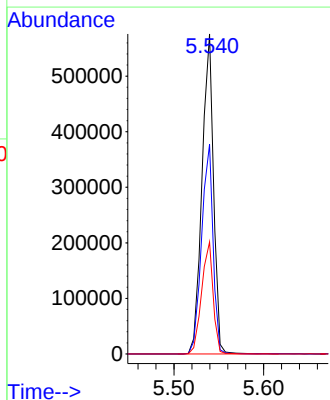
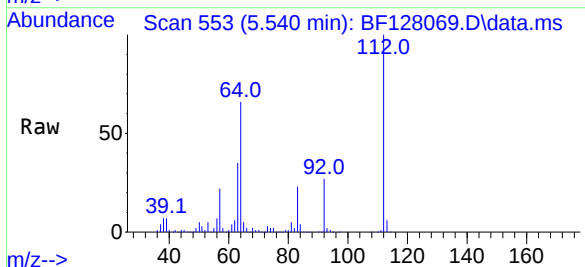


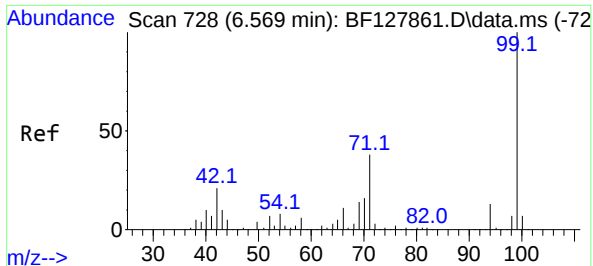
Tgt Ion:152 Resp: 90087
Ion Ratio Lower Upper
152 100
150 149.9 125.3 187.9
115 60.8 48.8 73.2



#5
2-Fluorophenol
Concen: 90.788 ng
RT: 5.540 min Scan# 553
Delta R.T. 0.000 min
Lab File: BF128069.D
Acq: 04 May 2022 14:02

Tgt Ion:112 Resp: 513494
Ion Ratio Lower Upper
112 100
64 65.5 49.5 74.3
63 35.0 26.3 39.5

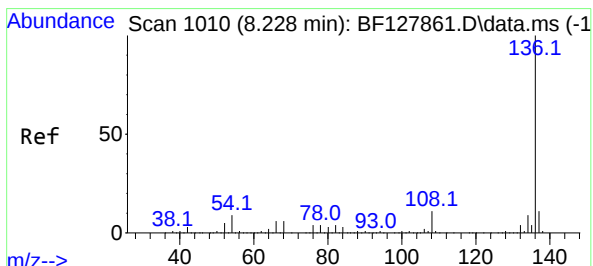
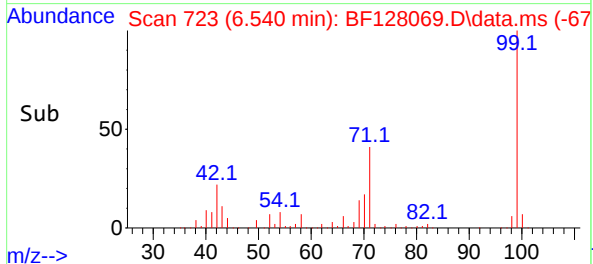
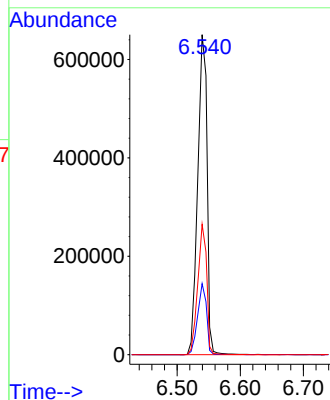
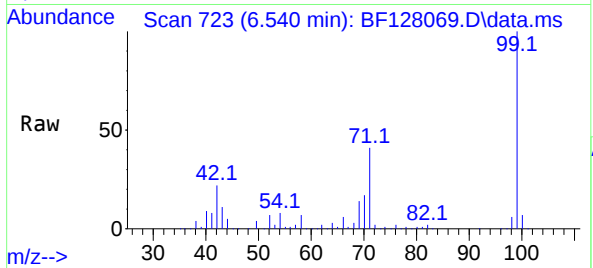




#7
Phenol-d6
Concen: 90.851 ng
RT: 6.540 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128069.D
Acq: 04 May 2022 14:02

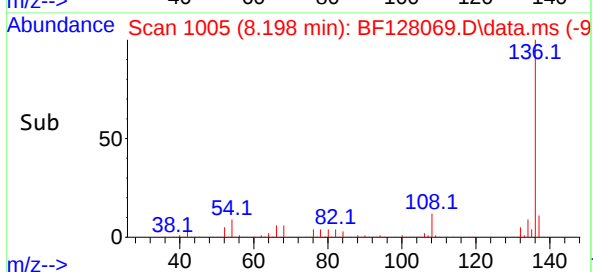
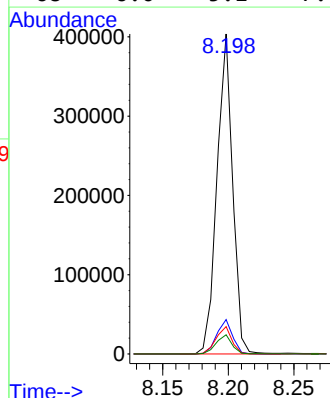
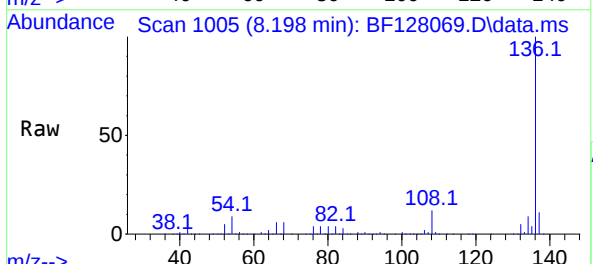
Instrument :
BNA_F
ClientSampleId :
SB-12,15

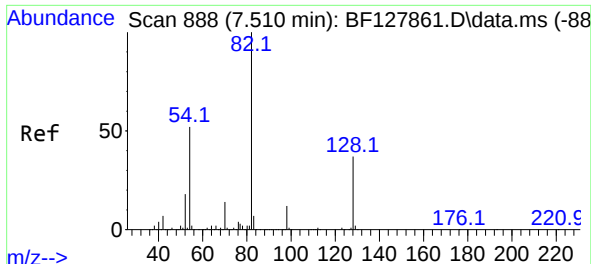
Tgt Ion: 99 Resp: 666754
Ion Ratio Lower Upper
99 100
42 22.2 16.6 24.8
71 40.7 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF128069.D
Acq: 04 May 2022 14:02

Tgt Ion: 136 Resp: 334887
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.6 6.8 10.2
68 6.0 5.1 7.7

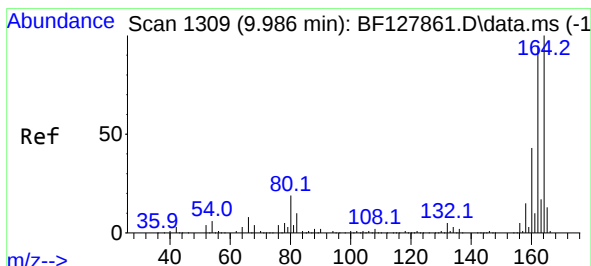
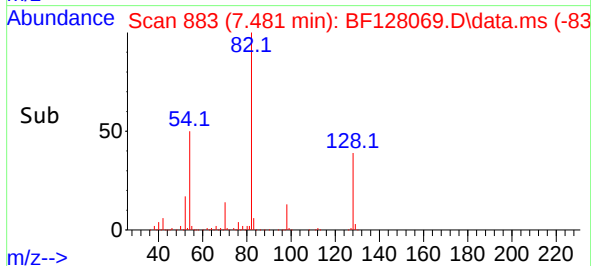
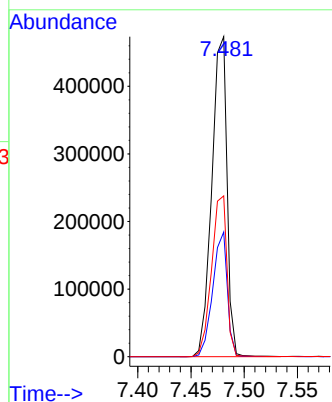
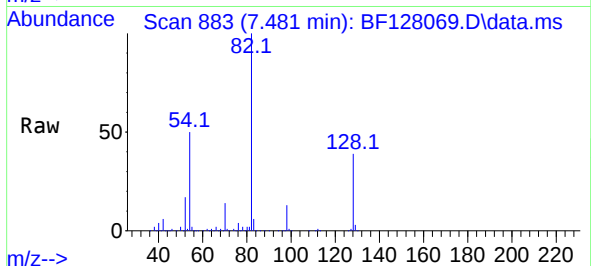




#23
Nitrobenzene-d5
Concen: 66.026 ng
RT: 7.481 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF128069.D
Acq: 04 May 2022 14:02

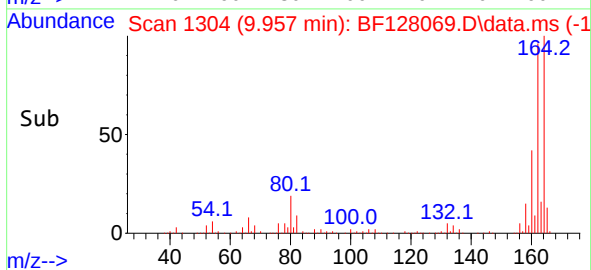
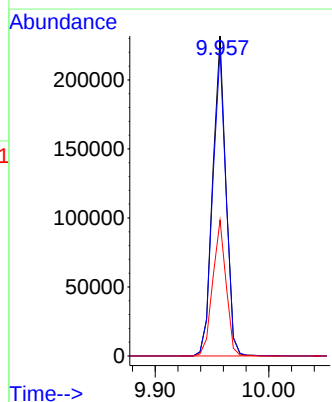
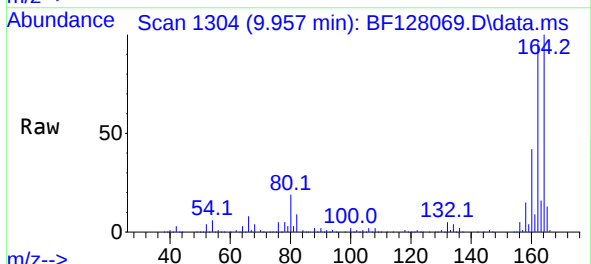
Instrument :
BNA_F
ClientSampleId :
SB-12,15

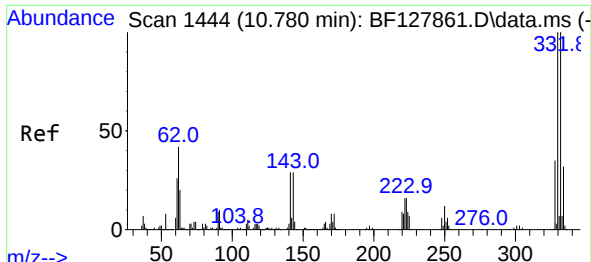
Tgt Ion: 82 Resp: 470212
Ion Ratio Lower Upper
82 100
128 39.0 30.0 45.0
54 50.3 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF128069.D
Acq: 04 May 2022 14:02

Tgt Ion: 164 Resp: 185855
Ion Ratio Lower Upper
164 100
162 95.5 76.0 114.0
160 42.4 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 89.621 ng

RT: 10.751 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF128069.D

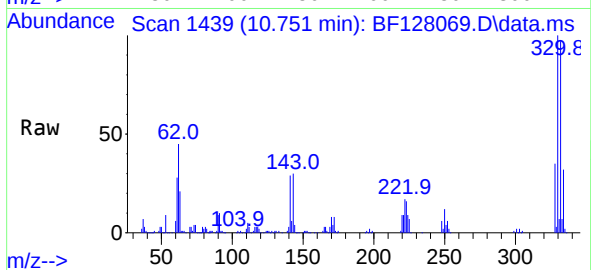
Acq: 04 May 2022 14:02

Instrument :

BNA_F

ClientSampleId :

SB-12,15



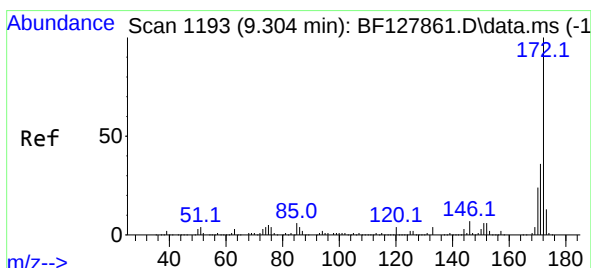
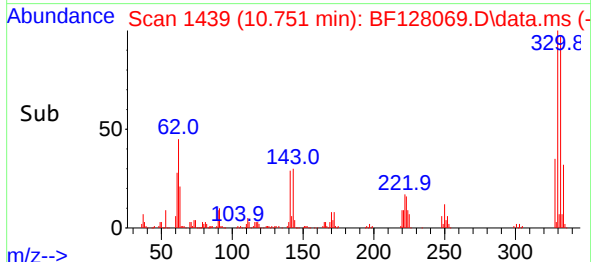
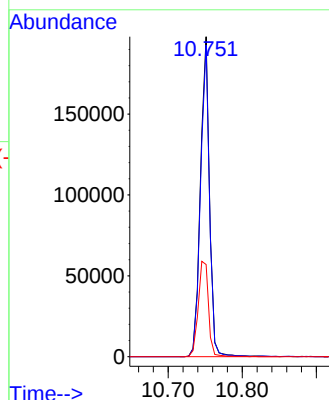
Tgt Ion:330 Resp: 167676

Ion Ratio Lower Upper

330 100

332 96.5 79.0 118.4

141 33.7 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 72.791 ng

RT: 9.275 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF128069.D

Acq: 04 May 2022 14:02

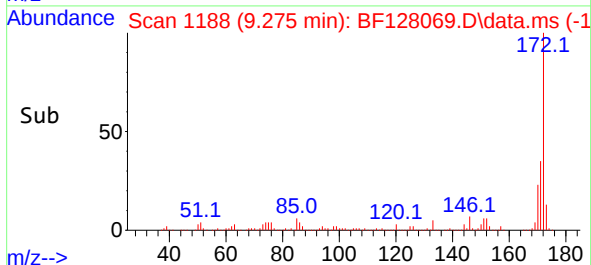
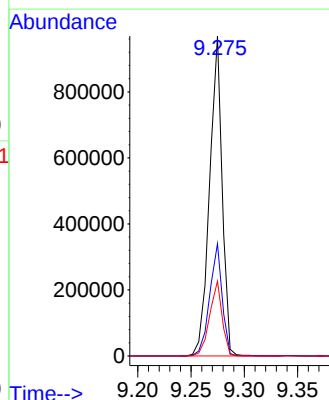
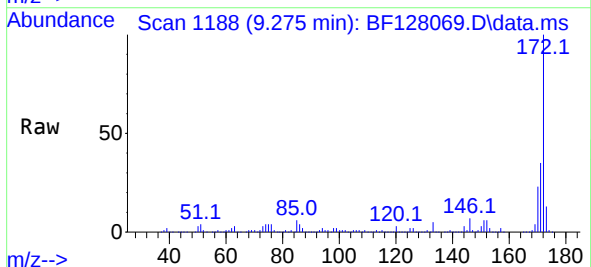
Tgt Ion:172 Resp: 799681

Ion Ratio Lower Upper

172 100

171 35.1 28.6 42.8

170 23.4 19.1 28.7

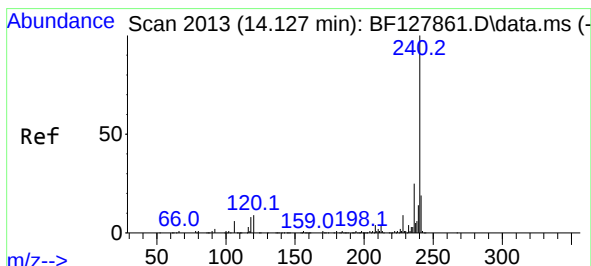
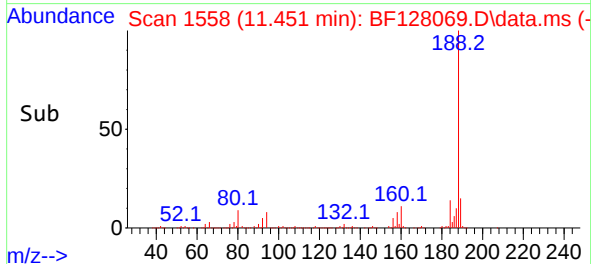
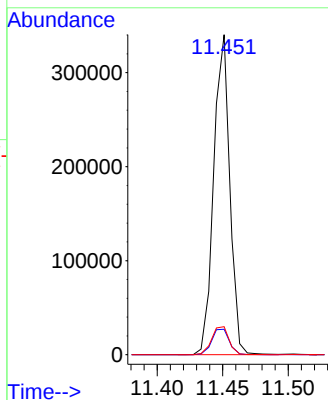
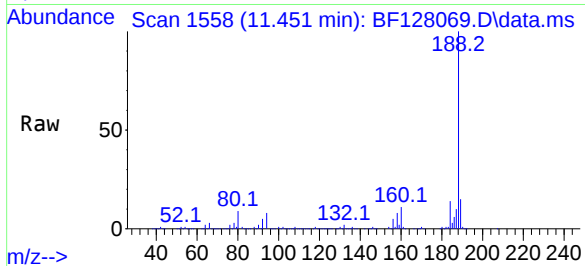




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128069.D
Acq: 04 May 2022 14:02

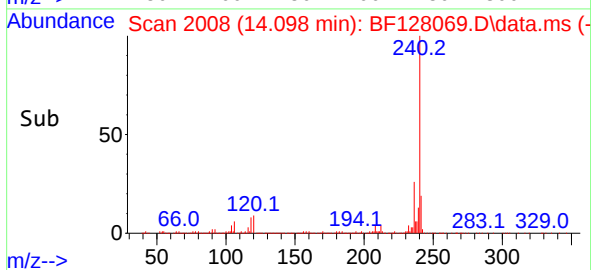
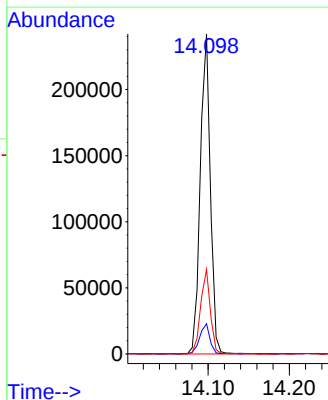
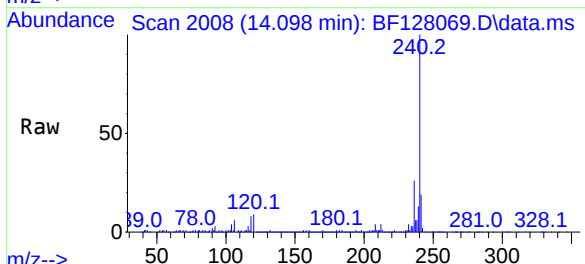
Instrument :
BNA_F
ClientSampleId :
SB-12,15

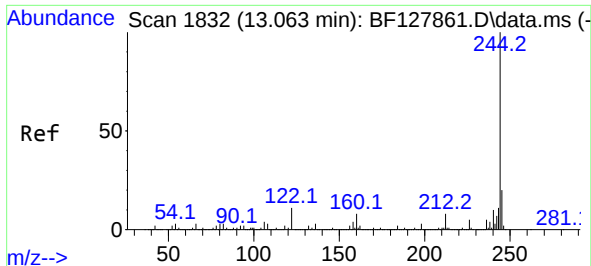
Tgt Ion:188 Resp: 289770
Ion Ratio Lower Upper
188 100
94 7.9 8.0 12.0#
80 8.8 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF128069.D
Acq: 04 May 2022 14:02

Tgt Ion:240 Resp: 209150
Ion Ratio Lower Upper
240 100
120 9.5 7.0 10.6
236 26.4 20.3 30.5

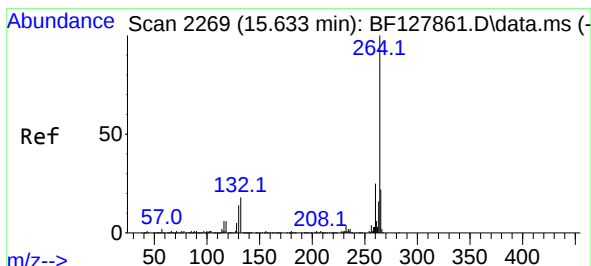
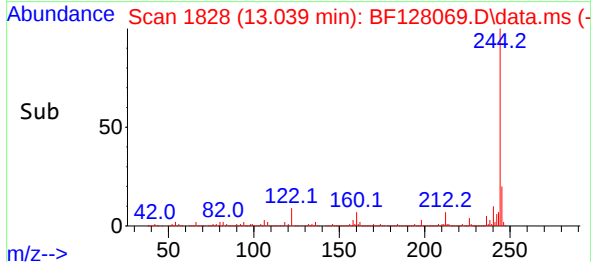
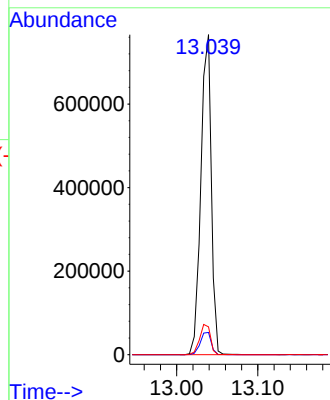
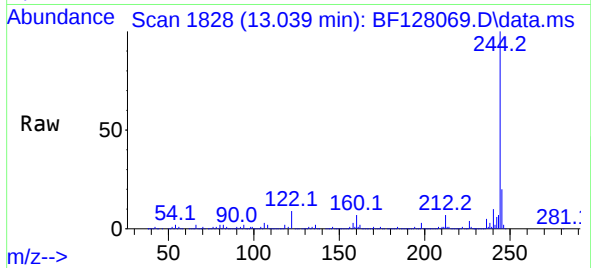




#79
 Terphenyl-d14
 Concen: 59.950 ng
 RT: 13.039 min Scan# 1828
 Delta R.T. -0.006 min
 Lab File: BF128069.D
 Acq: 04 May 2022 14:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-12,15

Tgt Ion:244 Resp: 685704
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.2 9.4
 122 8.7 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.604 min Scan# 2264
 Delta R.T. -0.006 min
 Lab File: BF128069.D
 Acq: 04 May 2022 14:02

Tgt Ion:264 Resp: 193790
 Ion Ratio Lower Upper
 264 100
 260 22.7 20.1 30.1
 265 21.2 17.5 26.3

