

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050922\
 Data File : BF128151.D
 Acq On : 09 May 2022 16:12
 Operator : CG\JU
 Sample : PB144686BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144686BL

Quant Time: May 09 17:11:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 15:30:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	95546	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	395992	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	231997	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	437742	20.000	ng	# 0.00
76) Chrysene-d12	14.069	240	383530	20.000	ng	-0.01
86) Perylene-d12	15.569	264	337796	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	563468	94.012	ng	0.00
7) Phenol-d6	6.516	99	723867	91.311	ng	-0.01
23) Nitrobenzene-d5	7.457	82	751299	85.370	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	231214	86.899	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1266239	85.401	ng	0.00
79) Terphenyl-d14	13.016	244	1627147	79.608	ng	0.00

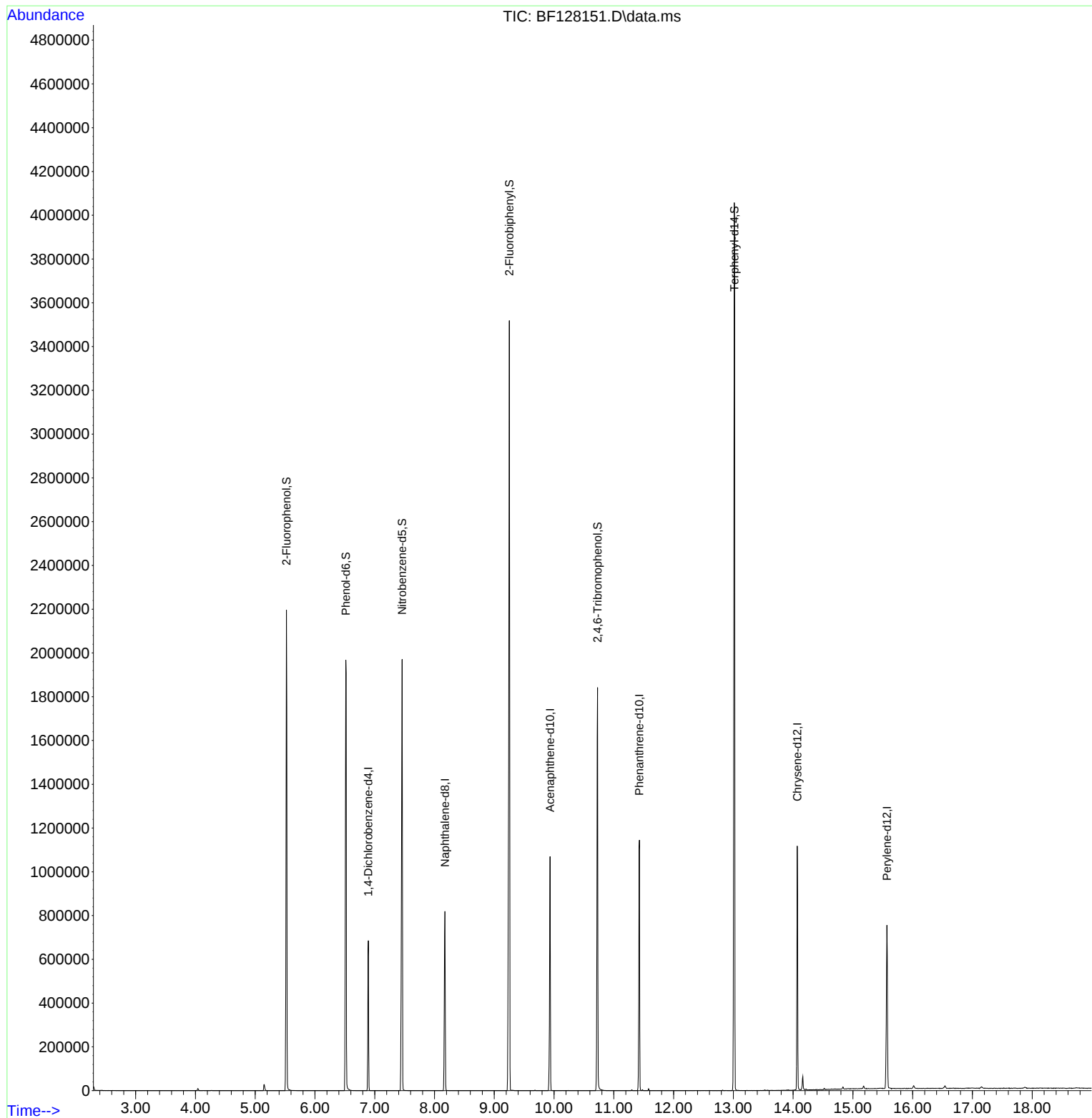
Target Compounds	Qvalue

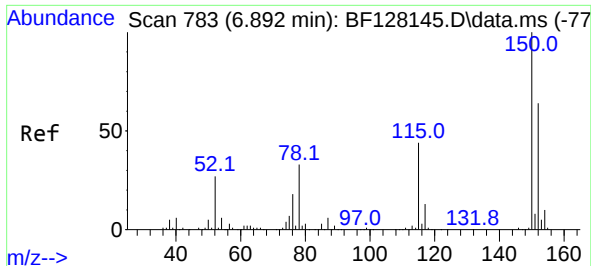
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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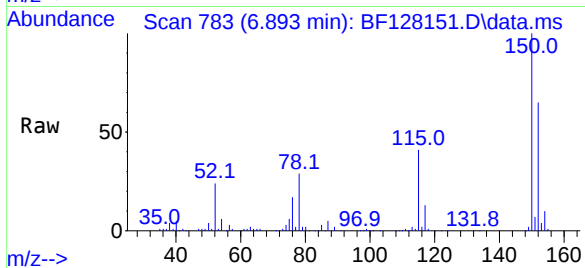
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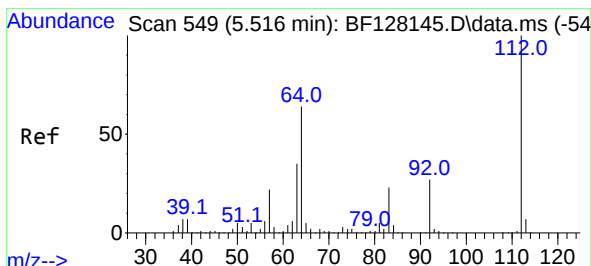
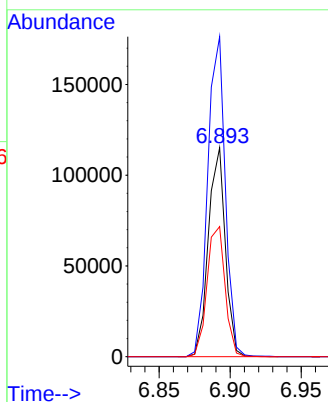
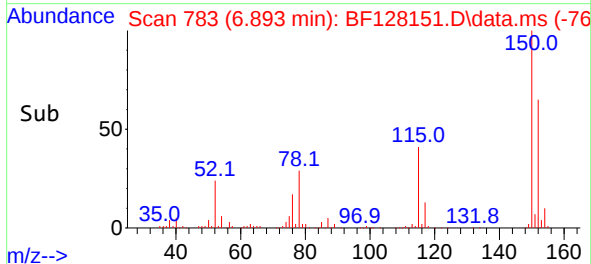


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF128151.D
Acq: 09 May 2022 16:12

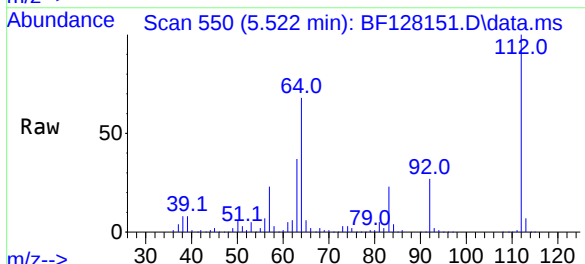
Instrument :
BNA_F
ClientSampleId :
PB144686BL



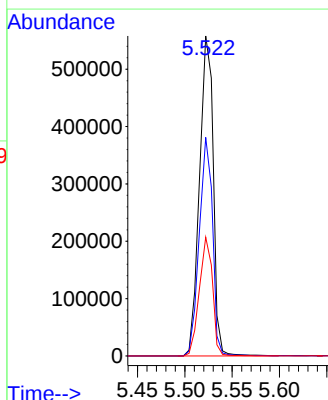
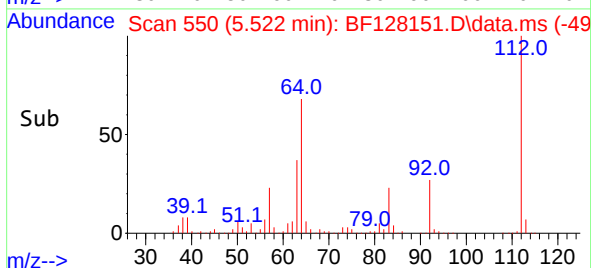
Tgt Ion:152 Resp: 95546
Ion Ratio Lower Upper
152 100
150 153.2 125.3 187.9
115 62.3 48.8 73.2



#5
2-Fluorophenol
Concen: 94.012 ng
RT: 5.522 min Scan# 550
Delta R.T. 0.006 min
Lab File: BF128151.D
Acq: 09 May 2022 16:12



Tgt Ion:112 Resp: 563468
Ion Ratio Lower Upper
112 100
64 68.3 49.5 74.3
63 37.1 26.3 39.5

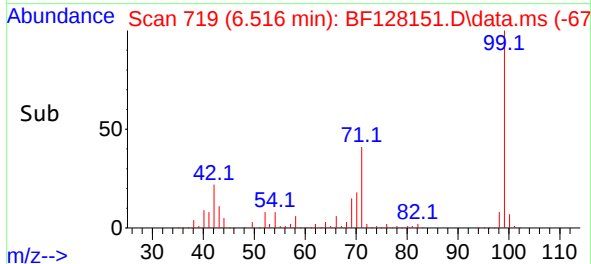
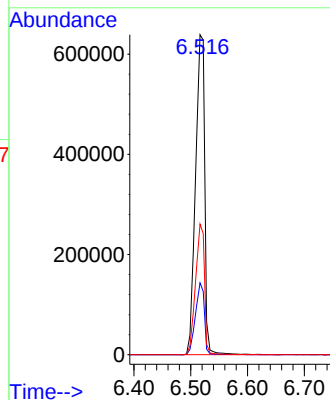
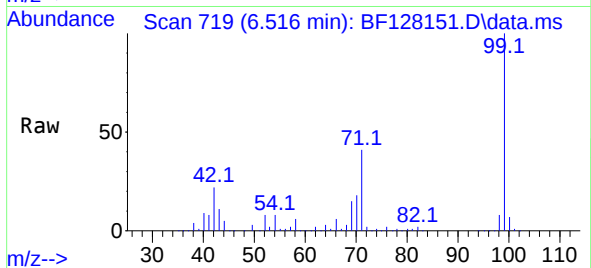




#7
Phenol-d6
Concen: 91.311 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128151.D
Acq: 09 May 2022 16:12

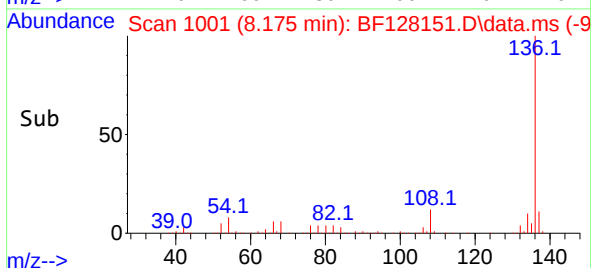
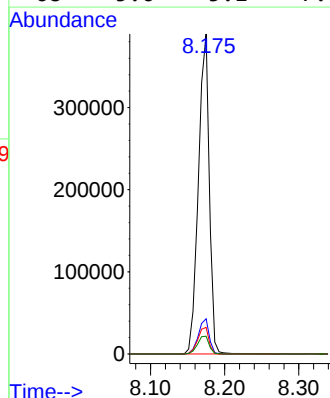
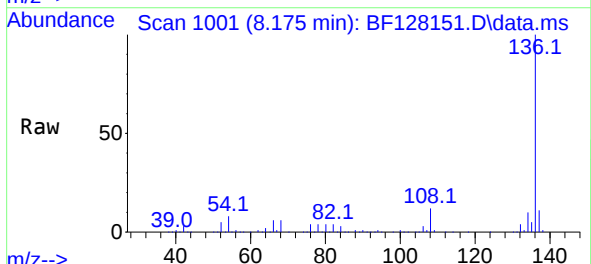
Instrument :
BNA_F
ClientSampleId :
PB144686BL

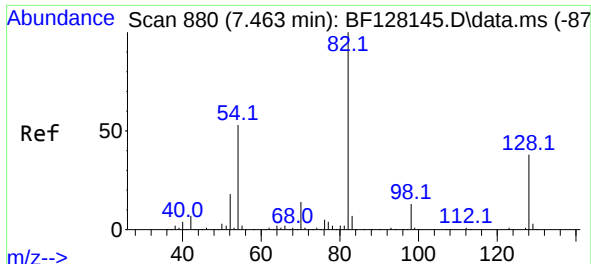
Tgt Ion: 99 Resp: 723867
Ion Ratio Lower Upper
99 100
42 22.5 16.6 24.8
71 40.8 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BF128151.D
Acq: 09 May 2022 16:12

Tgt Ion: 136 Resp: 395992
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.3 6.8 10.2
68 5.6 5.1 7.7





#23

Nitrobenzene-d5

Concen: 85.370 ng

RT: 7.457 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF128151.D

Acq: 09 May 2022 16:12

Instrument :

BNA_F

ClientSampleId :

PB144686BL

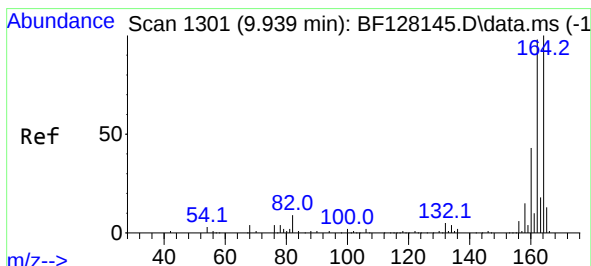
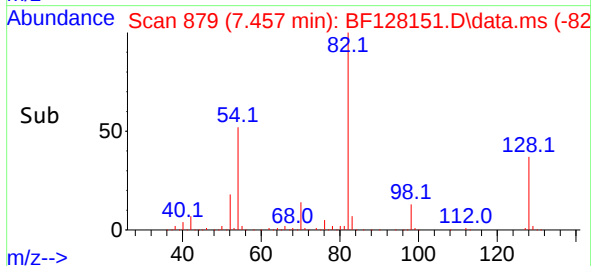
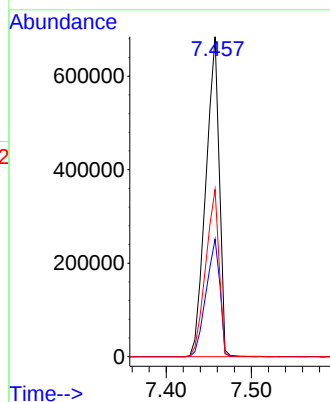
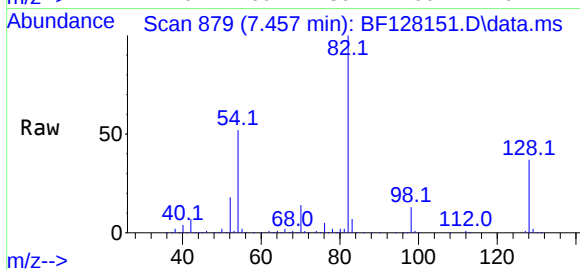
Tgt Ion: 82 Resp: 751299

Ion Ratio Lower Upper

82 100

128 36.7 30.0 45.0

54 52.3 41.3 61.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1300

Delta R.T. -0.005 min

Lab File: BF128151.D

Acq: 09 May 2022 16:12

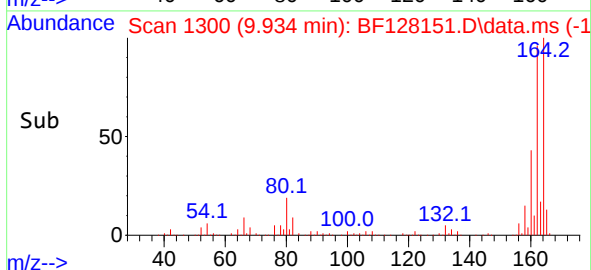
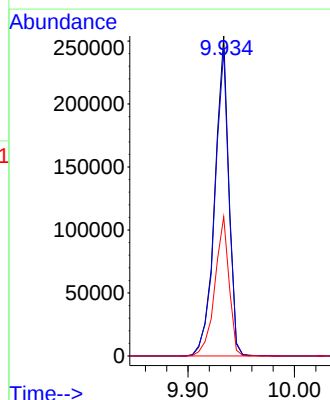
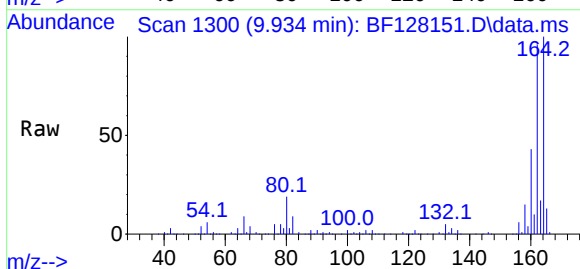
Tgt Ion:164 Resp: 231997

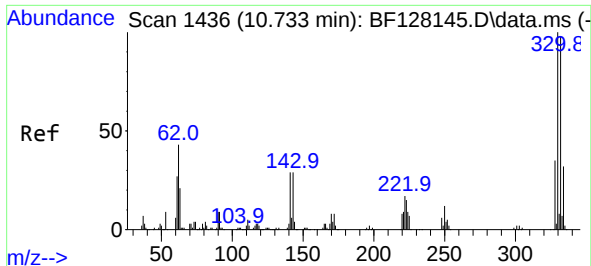
Ion Ratio Lower Upper

164 100

162 95.7 76.0 114.0

160 43.5 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 86.899 ng

RT: 10.728 min Scan# 1435

Delta R.T. -0.006 min

Lab File: BF128151.D

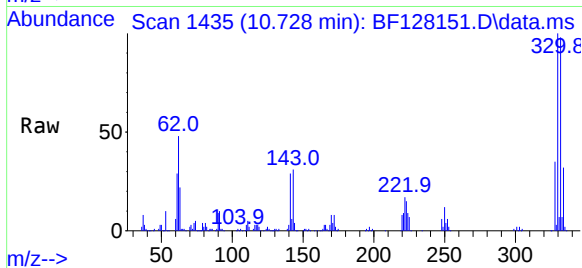
Acq: 09 May 2022 16:12

Instrument :

BNA_F

ClientSampleId :

PB144686BL



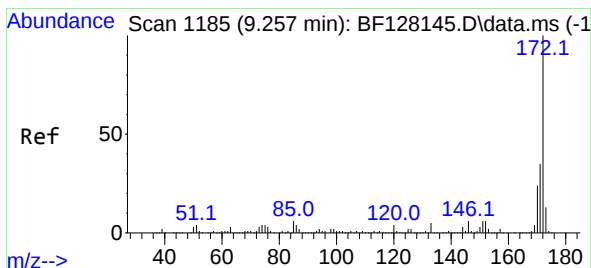
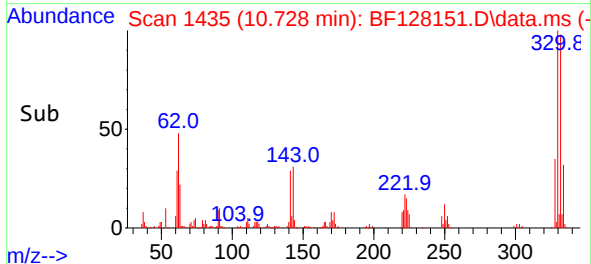
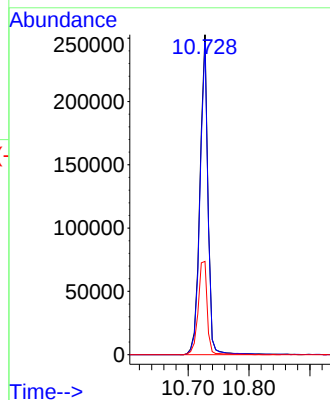
Tgt Ion:330 Resp: 231214

Ion Ratio Lower Upper

330 100

332 96.5 79.0 118.4

141 32.9 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 85.401 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF128151.D

Acq: 09 May 2022 16:12

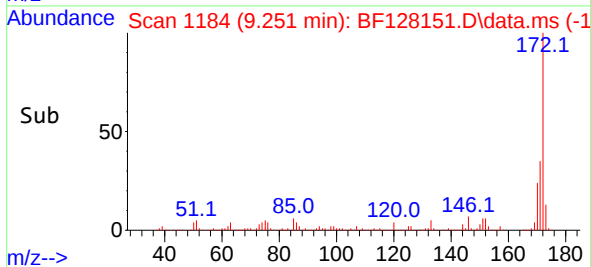
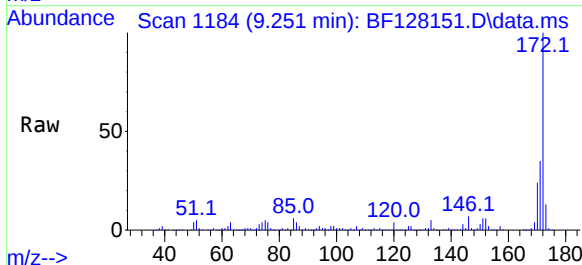
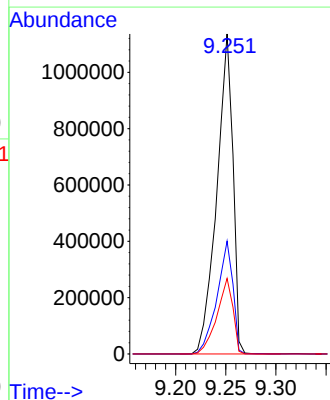
Tgt Ion:172 Resp: 1266239

Ion Ratio Lower Upper

172 100

171 35.3 28.6 42.8

170 23.6 19.1 28.7

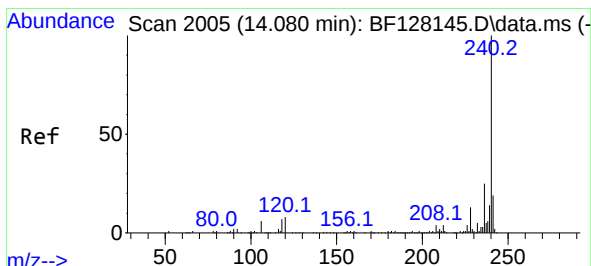
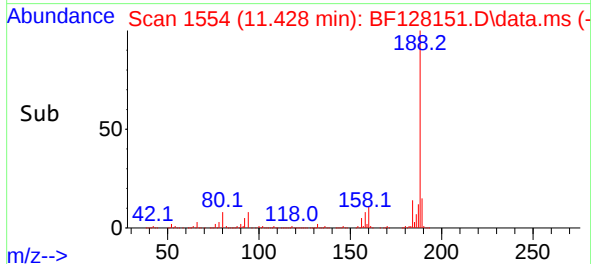
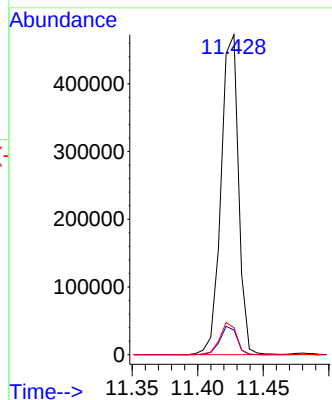
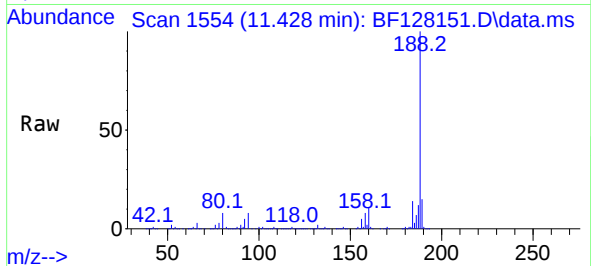




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128151.D
Acq: 09 May 2022 16:12

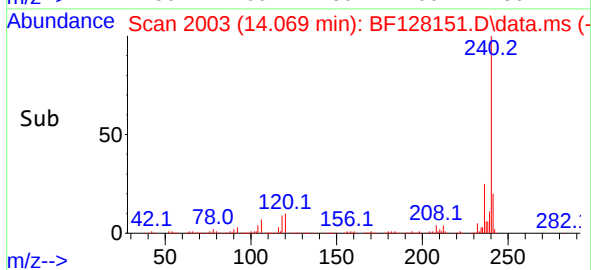
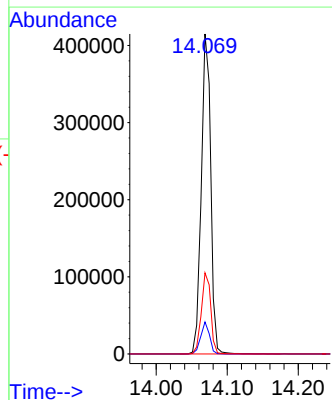
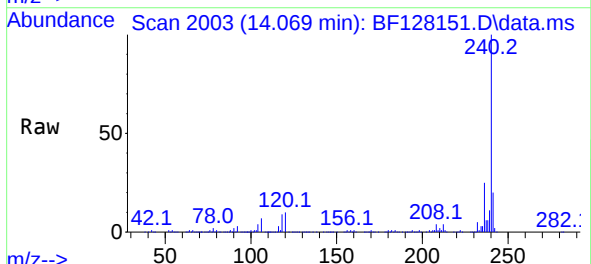
Instrument :
BNA_F
ClientSampleId :
PB144686BL

Tgt Ion:188 Resp: 437742
Ion Ratio Lower Upper
188 100
94 7.7 8.0 12.0#
80 8.5 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF128151.D
Acq: 09 May 2022 16:12

Tgt Ion:240 Resp: 383530
Ion Ratio Lower Upper
240 100
120 10.0 7.0 10.6
236 25.4 20.3 30.5



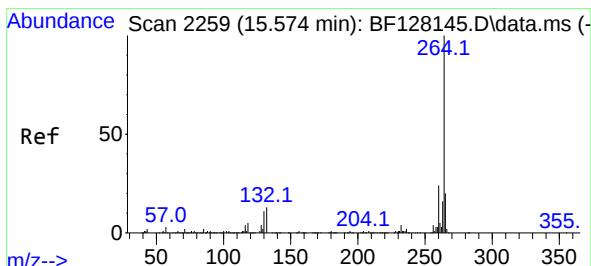
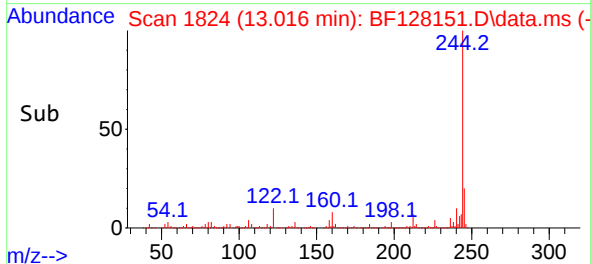
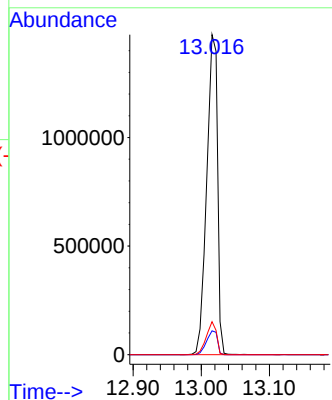
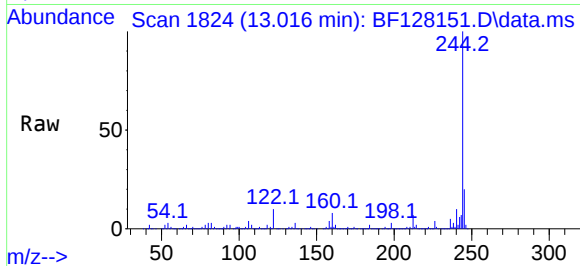


#79
 Terphenyl-d14
 Concen: 79.608 ng
 RT: 13.016 min Scan# 1824
 Delta R.T. 0.000 min
 Lab File: BF128151.D
 Acq: 09 May 2022 16:12

Instrument :
 BNA_F
 ClientSampleId :
 PB144686BL

Tgt Ion:244 Resp: 1627147

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.4
122	10.3	8.6	12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.569 min Scan# 2258
 Delta R.T. -0.006 min
 Lab File: BF128151.D
 Acq: 09 May 2022 16:12

Tgt Ion:264 Resp: 337796

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.1	30.1
265	21.5	17.5	26.3

