

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
 Data File : BF128170.D
 Acq On : 10 May 2022 20:02
 Operator : CG\JU
 Sample : N2749-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: May 11 04:01:34 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	6.892	152	77888	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	302022	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	172277	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	310747	20.000	ng	0.00
76) Chrysene-d12	14.068	240	174500	20.000	ng	-0.01
86) Perylene-d12	15.562	264	169086	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	617336	126.350	ng	0.01
7) Phenol-d6	6.522	99	749564	115.989	ng	0.00
23) Nitrobenzene-d5	7.457	82	642992	95.796	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	278956	141.186	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1069176	97.107	ng	0.00
79) Terphenyl-d14	13.016	244	1156492	124.359	ng	0.00

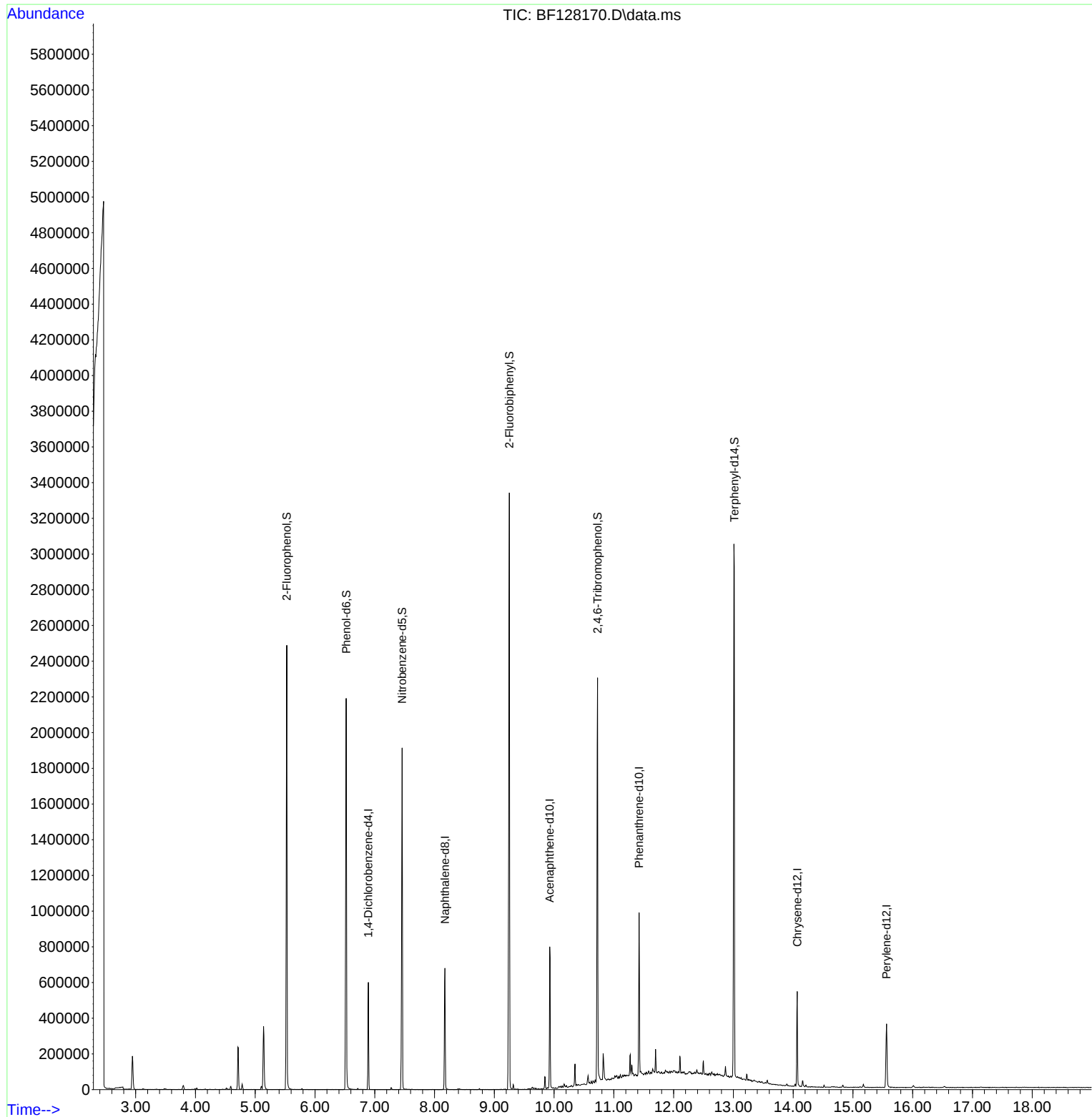
Target Compounds	Qvalue

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

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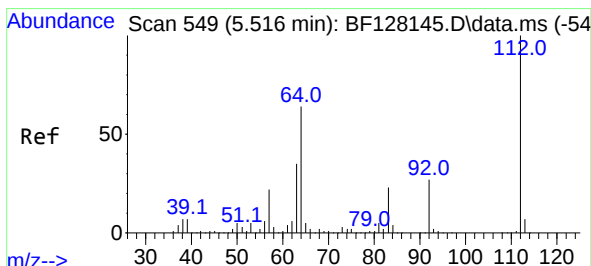
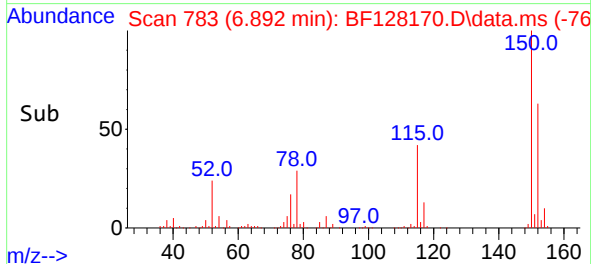
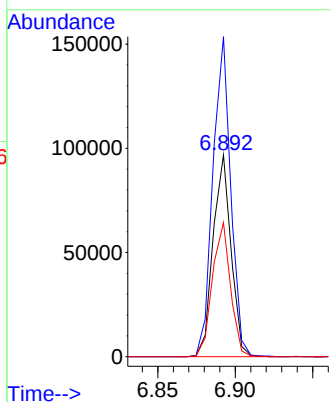
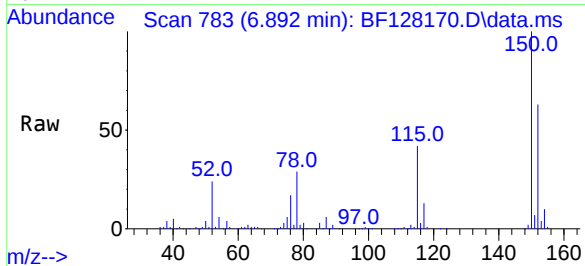




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128170.D
Acq: 10 May 2022 20:02

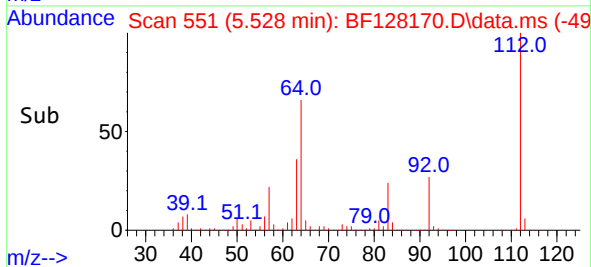
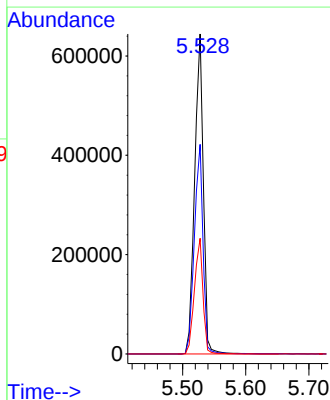
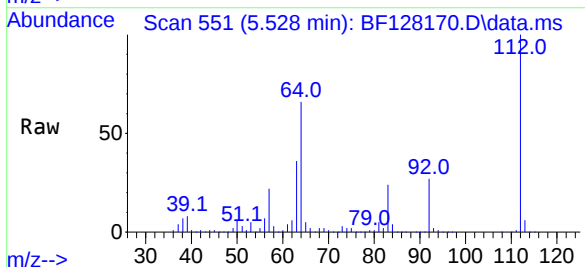
Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion:152 Resp: 77888
Ion Ratio Lower Upper
152 100
150 158.6 125.3 187.9
115 66.4 48.8 73.2



#5
2-Fluorophenol
Concen: 126.350 ng
RT: 5.528 min Scan# 551
Delta R.T. 0.012 min
Lab File: BF128170.D
Acq: 10 May 2022 20:02

Tgt Ion:112 Resp: 617336
Ion Ratio Lower Upper
112 100
64 65.5 49.5 74.3
63 36.2 26.3 39.5

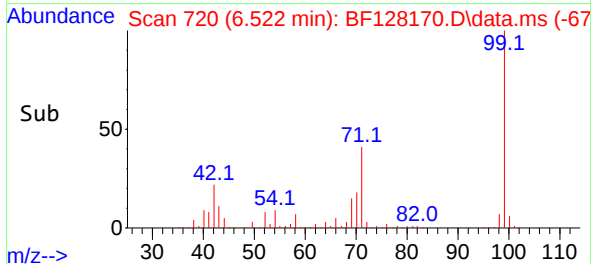
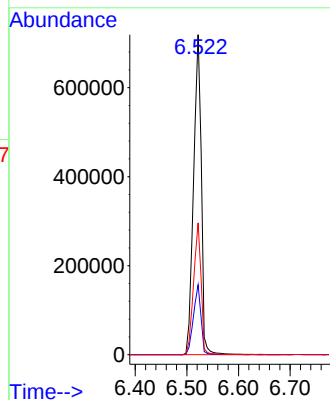
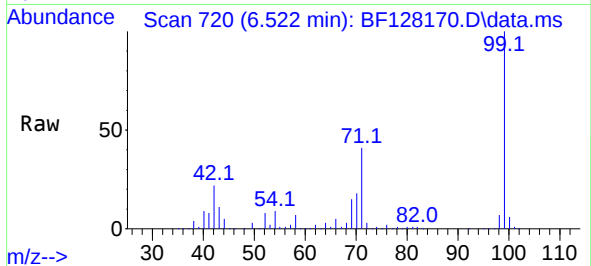




#7
Phenol-d6
Concen: 115.989 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128170.D
Acq: 10 May 2022 20:02

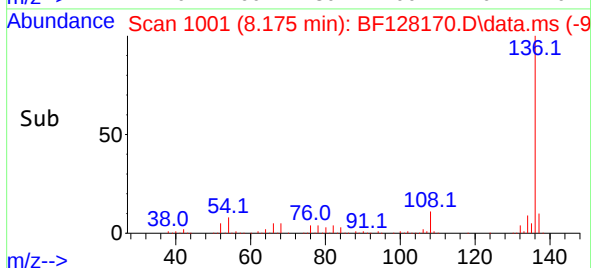
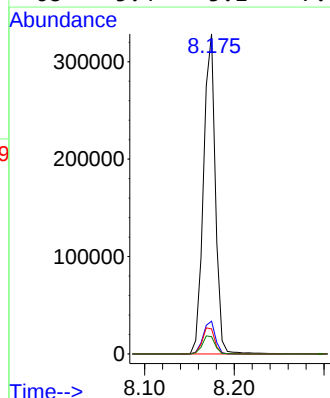
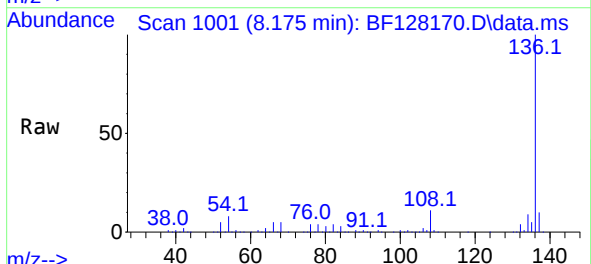
Instrument :
BNA_F
ClientSampleId :
TP-4

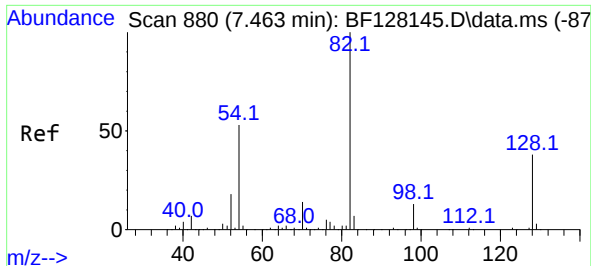
Tgt Ion: 99 Resp: 749564
Ion Ratio Lower Upper
99 100
42 21.9 16.6 24.8
71 41.2 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BF128170.D
Acq: 10 May 2022 20:02

Tgt Ion: 136 Resp: 302022
Ion Ratio Lower Upper
136 100
137 10.2 8.6 13.0
54 7.9 6.8 10.2
68 5.4 5.1 7.7

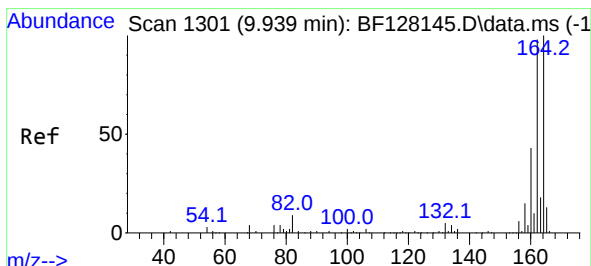
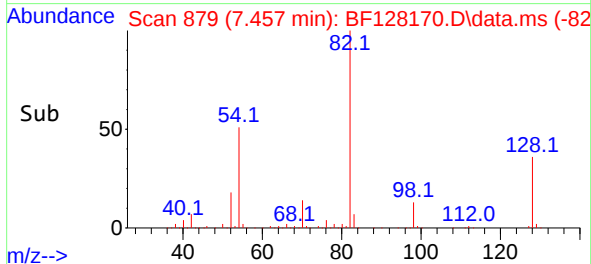
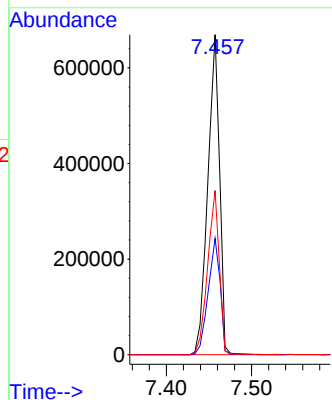
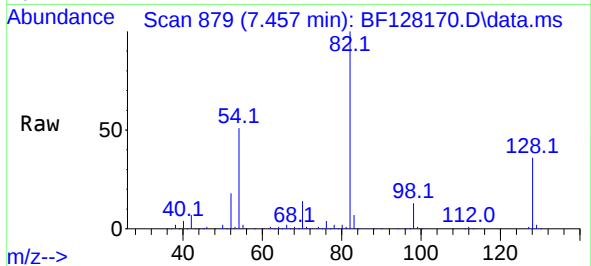




#23
Nitrobenzene-d5
Concen: 95.796 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF128170.D
Acq: 10 May 2022 20:02

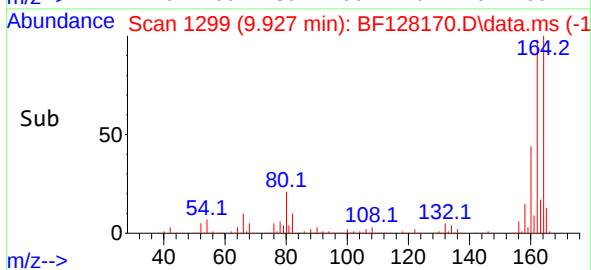
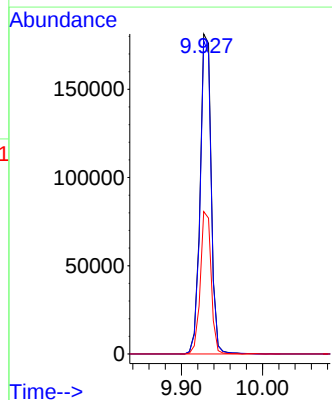
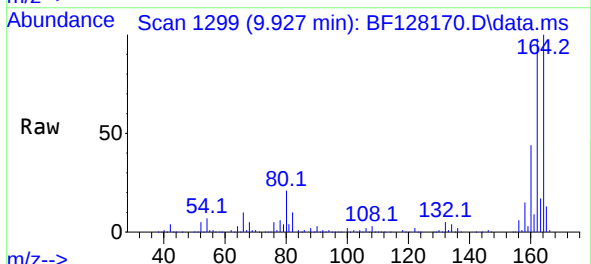
Instrument :
BNA_F
ClientSampleId :
TP-4

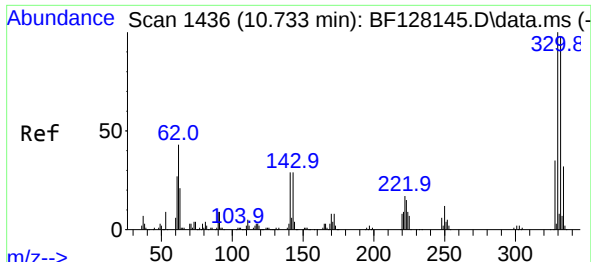
Tgt Ion: 82 Resp: 642992
Ion Ratio Lower Upper
82 100
128 36.4 30.0 45.0
54 51.3 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1299
Delta R.T. -0.012 min
Lab File: BF128170.D
Acq: 10 May 2022 20:02

Tgt Ion:164 Resp: 172277
Ion Ratio Lower Upper
164 100
162 97.8 76.0 114.0
160 44.5 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 141.186 ng

RT: 10.727 min Scan# 1435

Delta R.T. -0.006 min

Lab File: BF128170.D

Acq: 10 May 2022 20:02

Instrument :

BNA_F

ClientSampleId :

TP-4

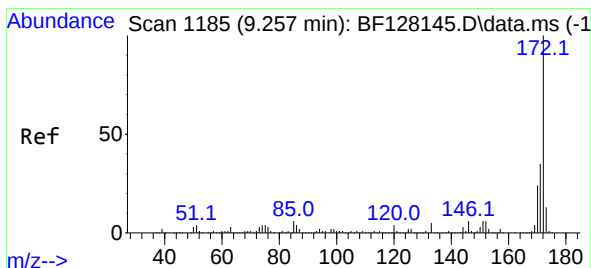
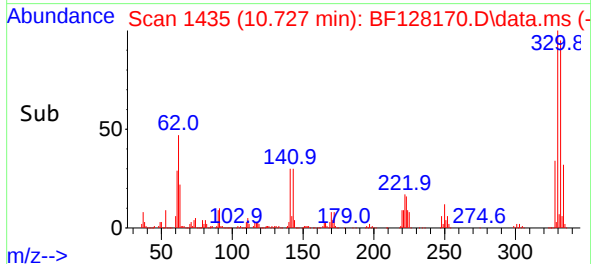
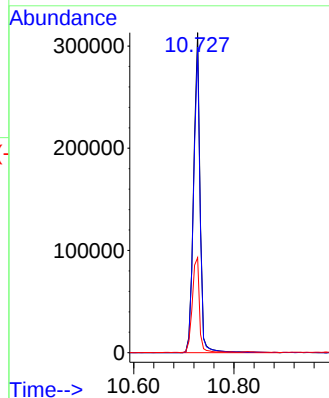
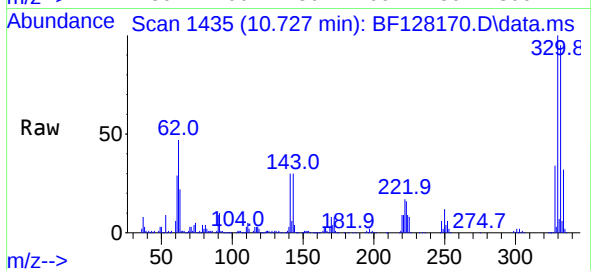
Tgt Ion:330 Resp: 278956

Ion Ratio Lower Upper

330 100

332 95.6 79.0 118.4

141 33.4 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 97.107 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF128170.D

Acq: 10 May 2022 20:02

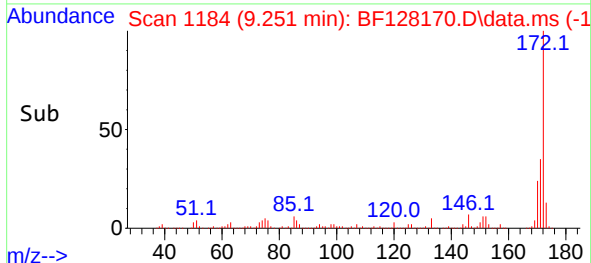
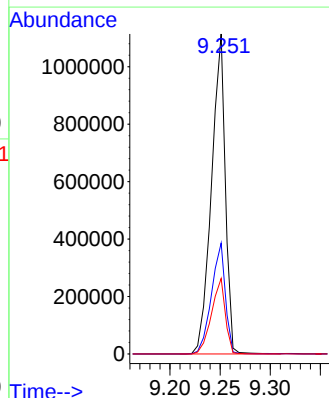
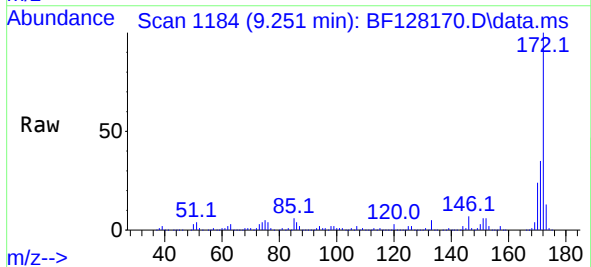
Tgt Ion:172 Resp: 1069176

Ion Ratio Lower Upper

172 100

171 34.7 28.6 42.8

170 23.6 19.1 28.7

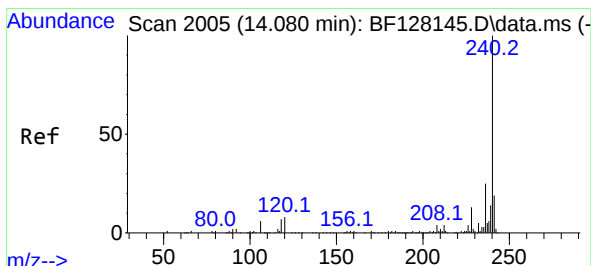
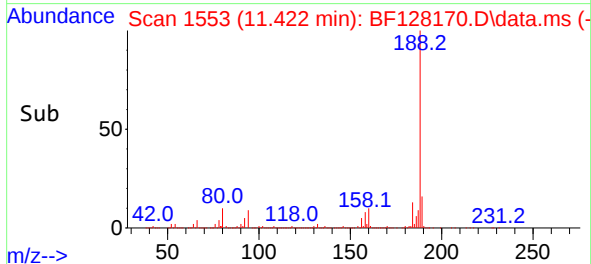
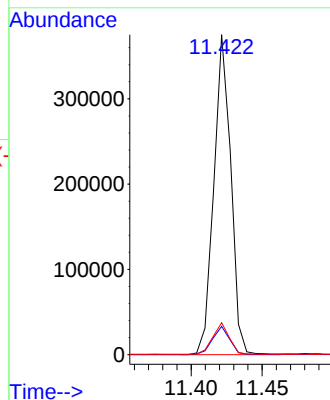
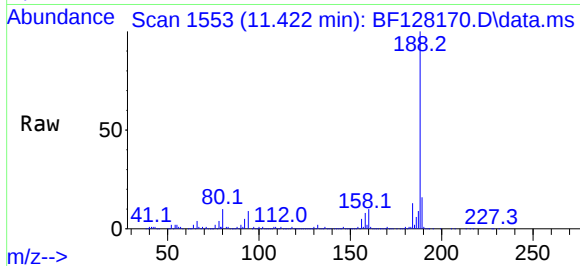




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128170.D
Acq: 10 May 2022 20:02

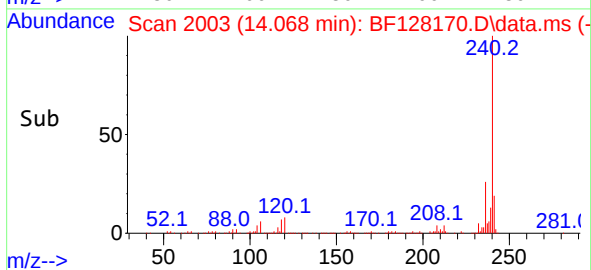
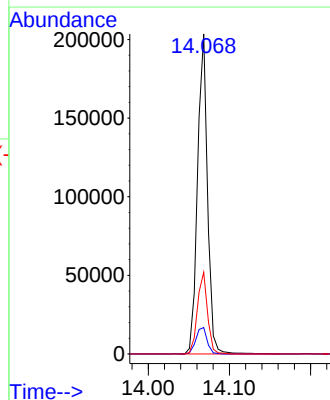
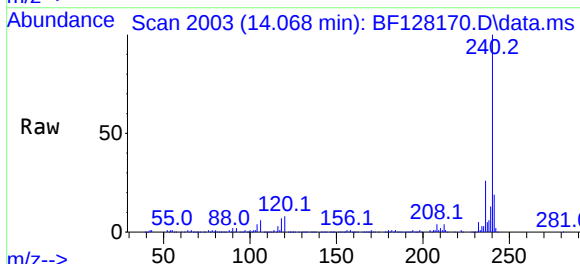
Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion:188 Resp: 310747
Ion Ratio Lower Upper
188 100
94 8.8 8.0 12.0
80 10.0 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF128170.D
Acq: 10 May 2022 20:02

Tgt Ion:240 Resp: 174500
Ion Ratio Lower Upper
240 100
120 8.3 7.0 10.6
236 25.6 20.3 30.5

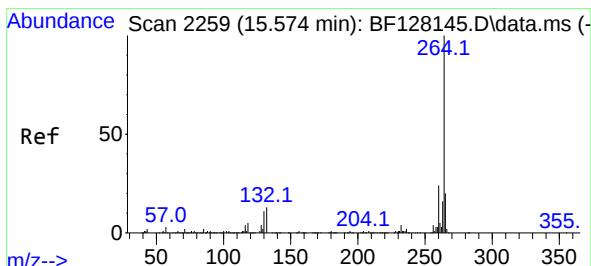
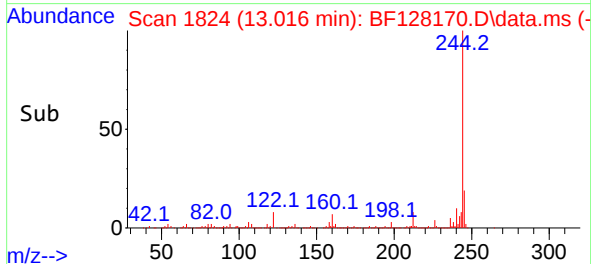
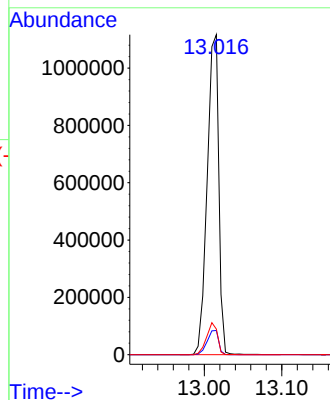
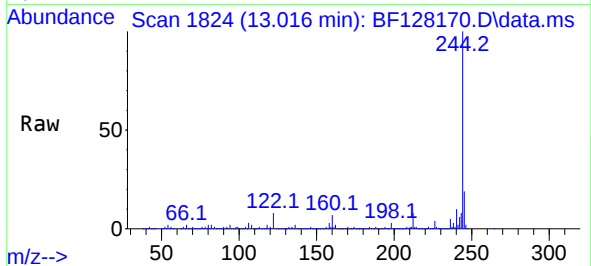




#79
 Terphenyl-d14
 Concen: 124.359 ng
 RT: 13.016 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF128170.D
 Acq: 10 May 2022 20:02

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tgt Ion:244 Resp: 1156492
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 8.0 8.6 12.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 2257
 Delta R.T. -0.012 min
 Lab File: BF128170.D
 Acq: 10 May 2022 20:02

Tgt Ion:264 Resp: 169086
 Ion Ratio Lower Upper
 264 100
 260 22.6 20.1 30.1
 265 20.7 17.5 26.3

