

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063023\
 Data File : BF134063.D
 Acq On : 30 Jun 2023 21:15
 Operator : CG\JU
 Sample : 03360-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CE-91-062023

Quant Time: Jul 01 04:32:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	98788	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	382699	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	196732	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	387015	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	187893	20.000	ng	-0.02
86) Perylene-d12	15.539	264	205923	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	677623	114.741	ng	0.00
7) Phenol-d6	6.487	99	737445	101.537	ng	0.00
23) Nitrobenzene-d5	7.410	82	623414	87.811	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	322995	130.946	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1183072	87.432	ng	0.00
79) Terphenyl-d14	12.980	244	1368547	117.224	ng	0.00

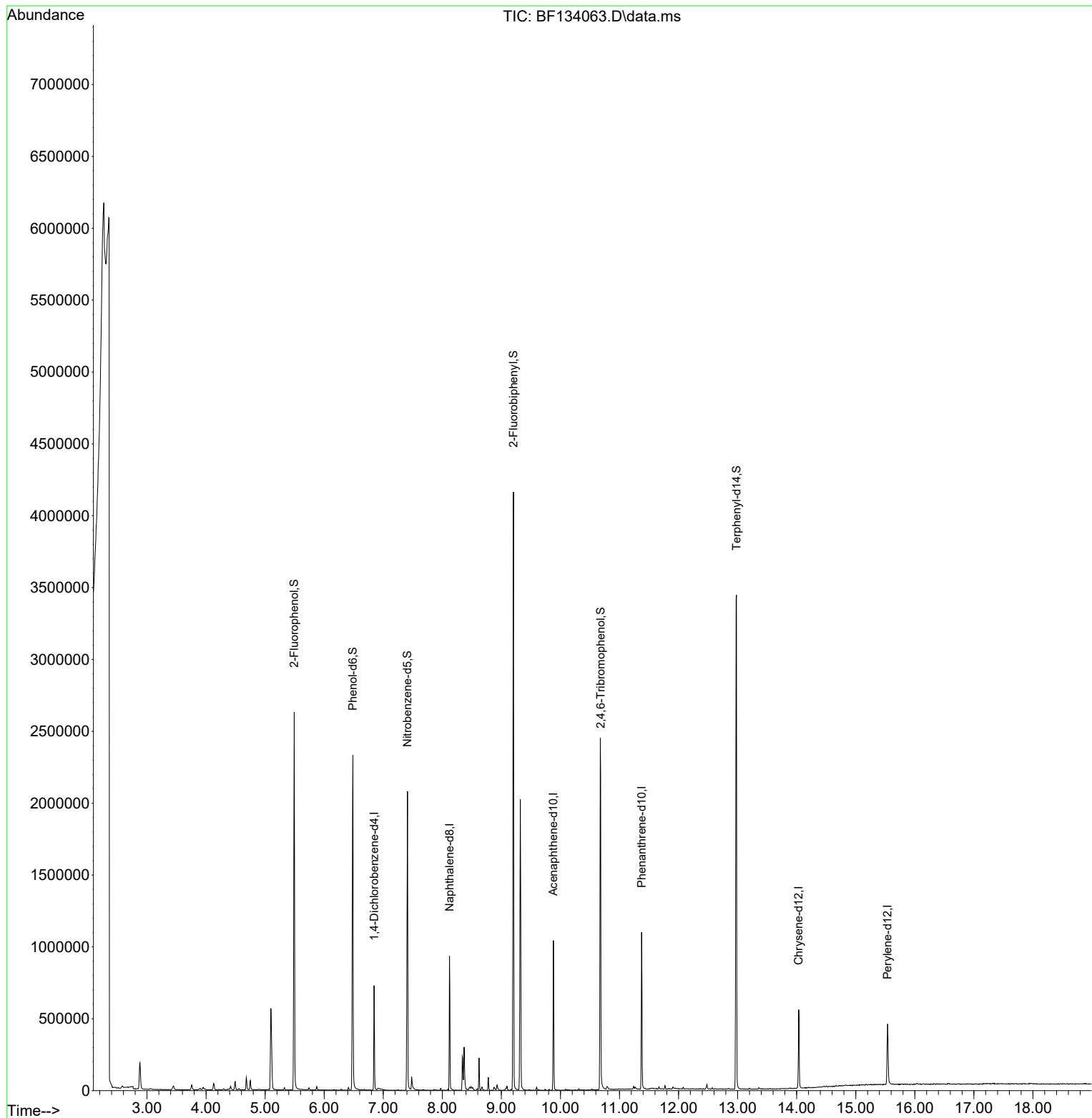
Target Compounds	Qvalue

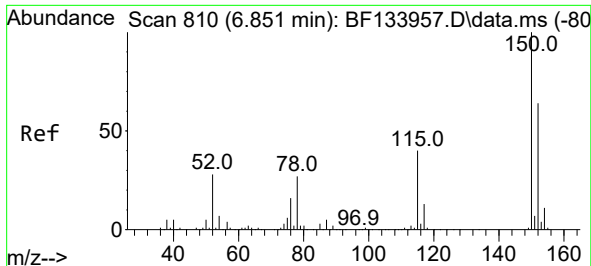
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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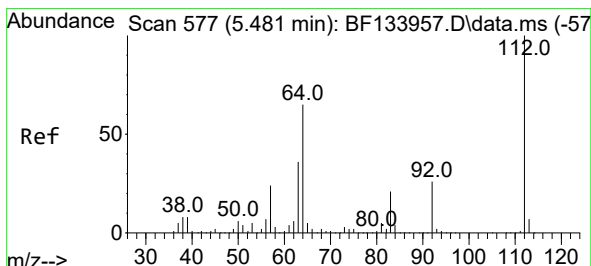
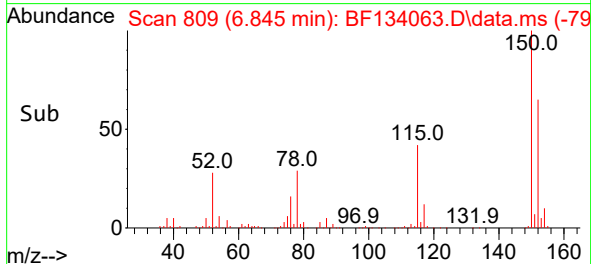
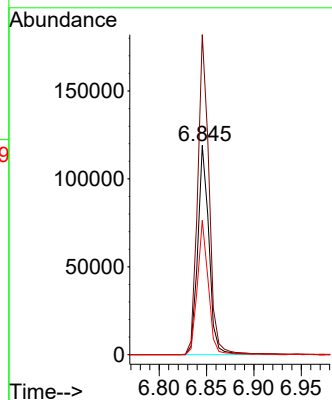
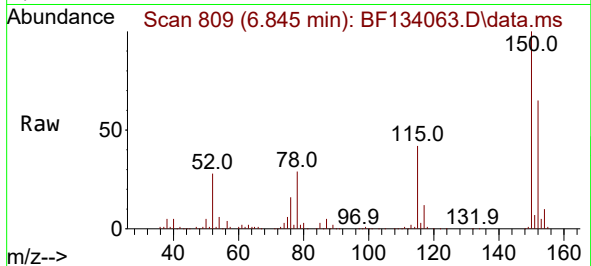




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF134063.D
Acq: 30 Jun 2023 21:15

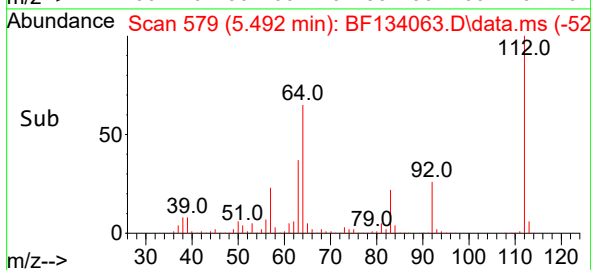
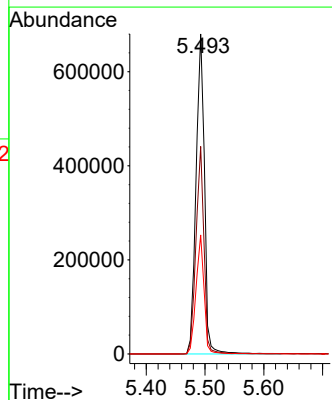
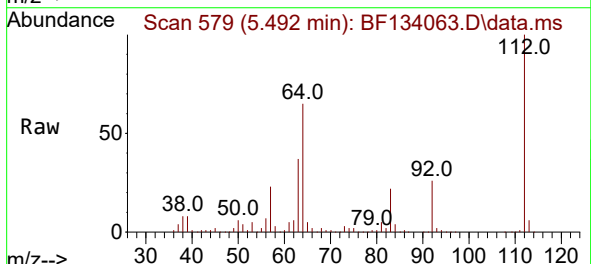
Instrument :
BNA_F
ClientSampleId :
CE-91-062023

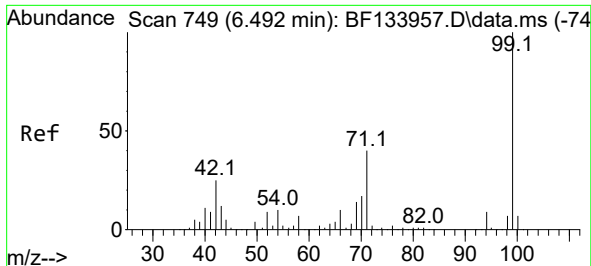
Tgt Ion:152 Resp: 98788
Ion Ratio Lower Upper
152 100
150 152.9 124.5 186.7
115 64.1 50.2 75.2



#5
2-Fluorophenol
Concen: 114.741 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF134063.D
Acq: 30 Jun 2023 21:15

Tgt Ion:112 Resp: 677623
Ion Ratio Lower Upper
112 100
64 64.9 52.1 78.1
63 37.2 28.6 42.8

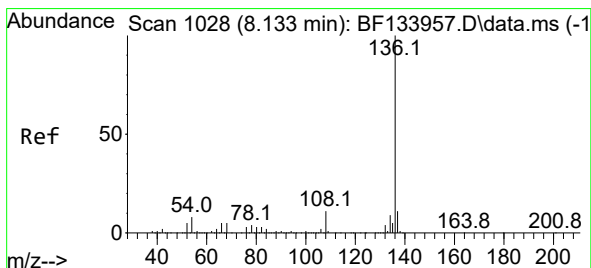
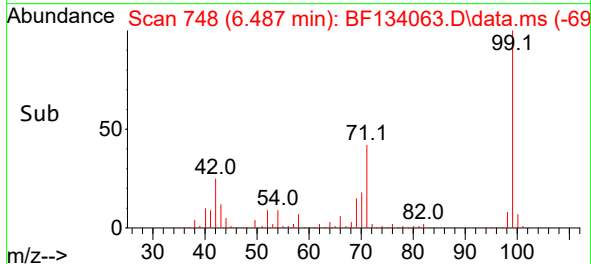
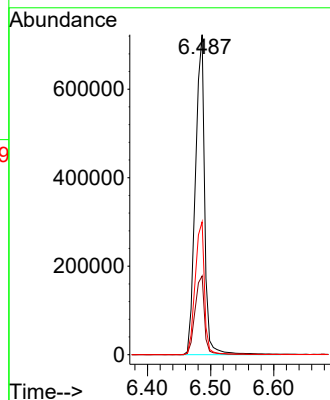
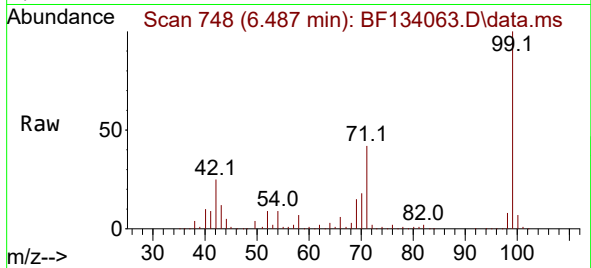




#7
Phenol-d6
Concen: 101.537 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134063.D
Acq: 30 Jun 2023 21:15

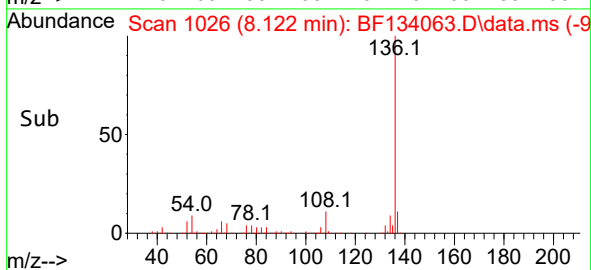
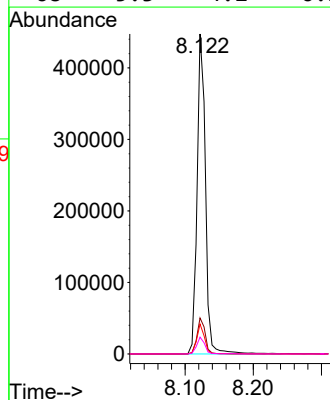
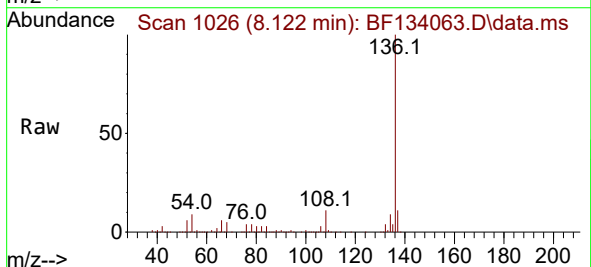
Instrument :
BNA_F
ClientSampleId :
CE-91-062023

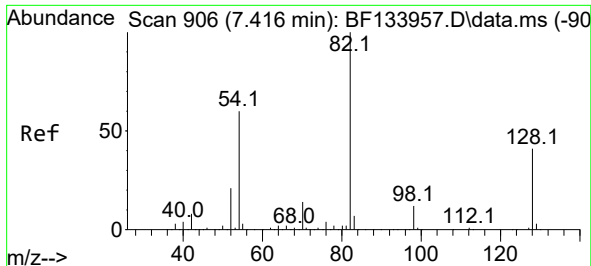
Tgt Ion: 99 Resp: 737445
Ion Ratio Lower Upper
99 100
42 24.6 19.8 29.6
71 41.5 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134063.D
Acq: 30 Jun 2023 21:15

Tgt Ion: 136 Resp: 382699
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 9.3 6.5 9.7
68 5.3 4.2 6.2





#23

Nitrobenzene-d5

Concen: 87.811 ng

RT: 7.410 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF134063.D

Acq: 30 Jun 2023 21:15

Instrument :

BNA_F

ClientSampleId :

CE-91-062023

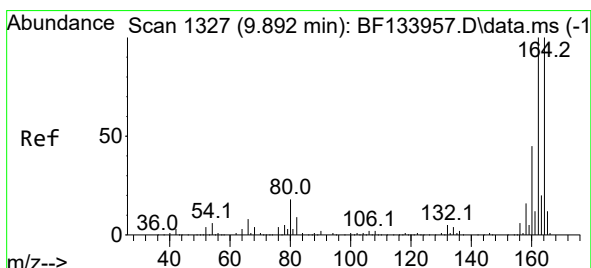
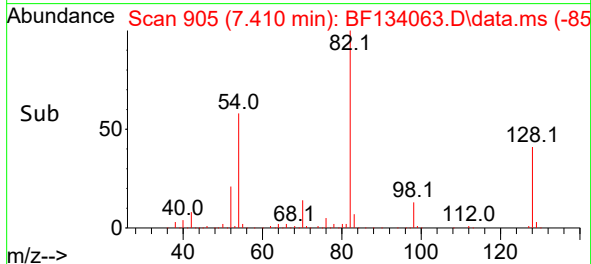
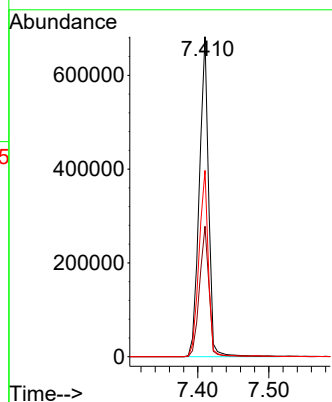
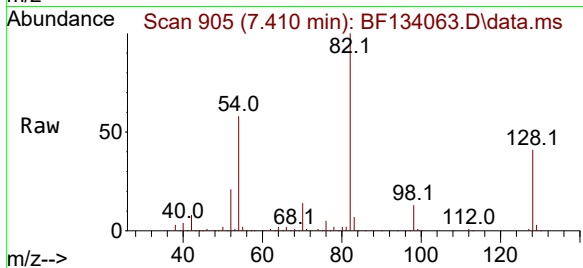
Tgt Ion: 82 Resp: 623414

Ion Ratio Lower Upper

82 100

128 40.7 32.5 48.7

54 58.2 48.2 72.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1325

Delta R.T. -0.012 min

Lab File: BF134063.D

Acq: 30 Jun 2023 21:15

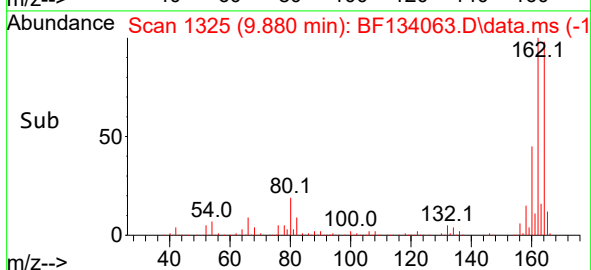
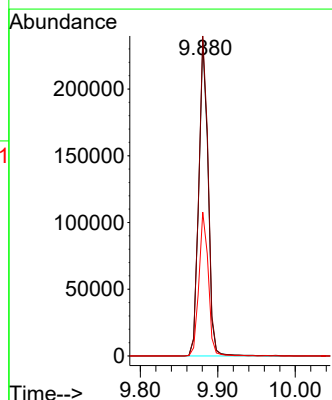
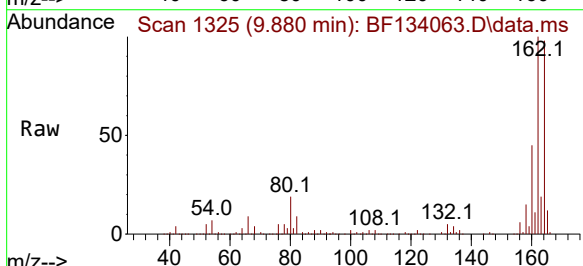
Tgt Ion:164 Resp: 196732

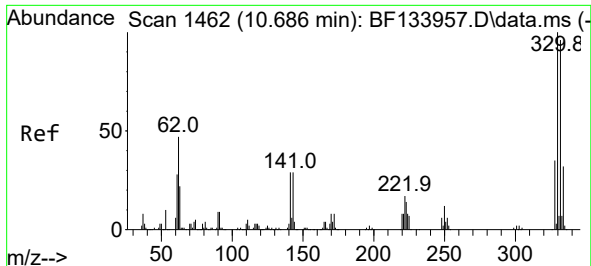
Ion Ratio Lower Upper

164 100

162 101.8 80.0 120.0

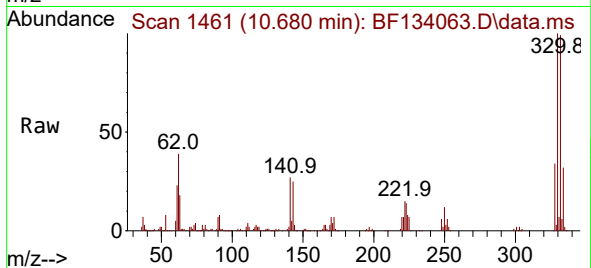
160 45.8 35.9 53.9



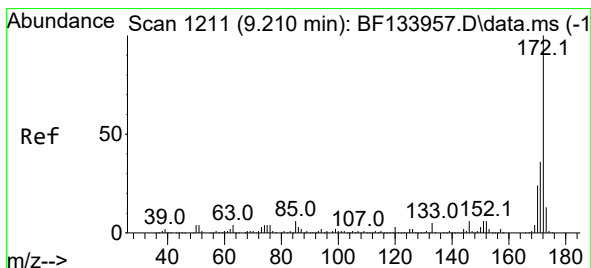
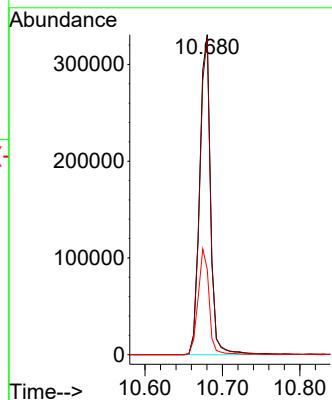
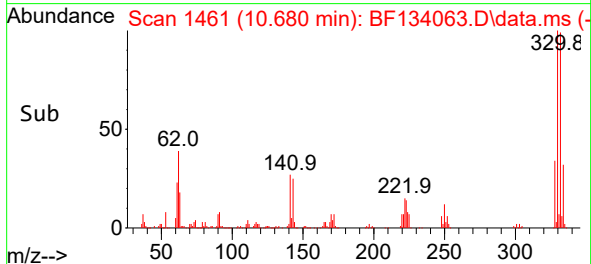


#42
2,4,6-Tribromophenol
Concen: 130.946 ng
RT: 10.680 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF134063.D
Acq: 30 Jun 2023 21:15

Instrument :
BNA_F
ClientSampleId :
CE-91-062023

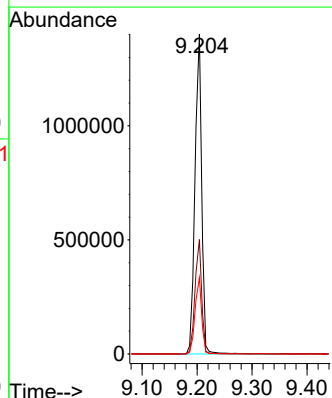
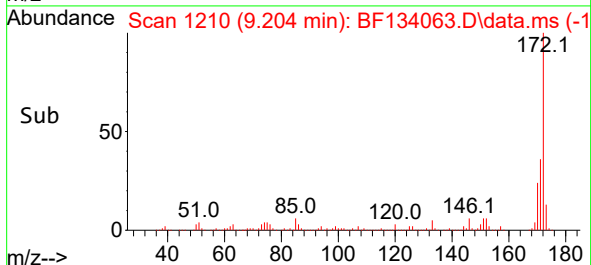
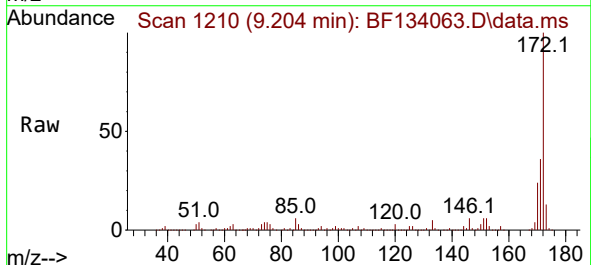


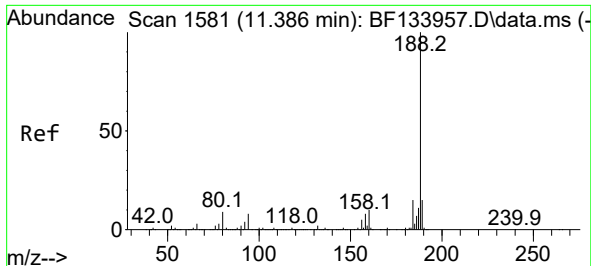
Tgt Ion:330 Resp: 322995
Ion Ratio Lower Upper
330 100
332 97.8 77.0 115.6
141 33.3 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 87.432 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF134063.D
Acq: 30 Jun 2023 21:15

Tgt Ion:172 Resp: 1183072
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.8 19.4 29.0

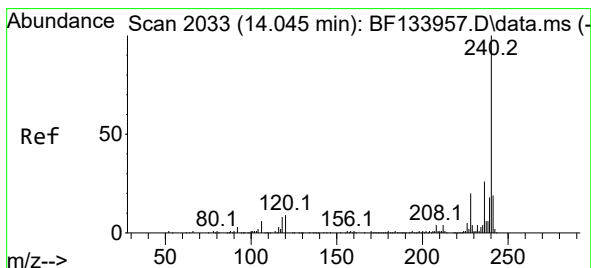
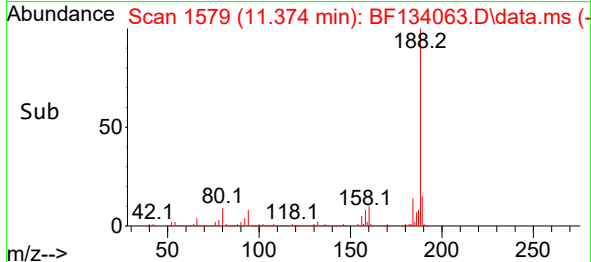
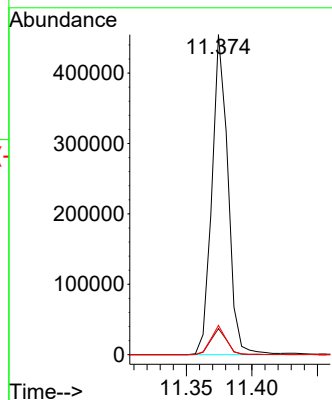
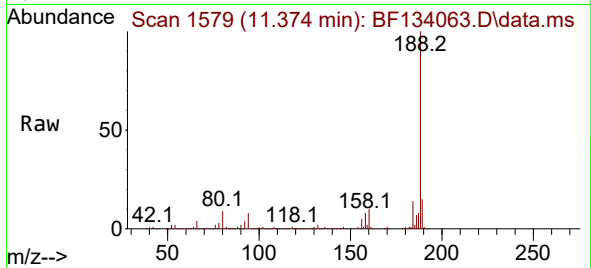




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF134063.D
Acq: 30 Jun 2023 21:15

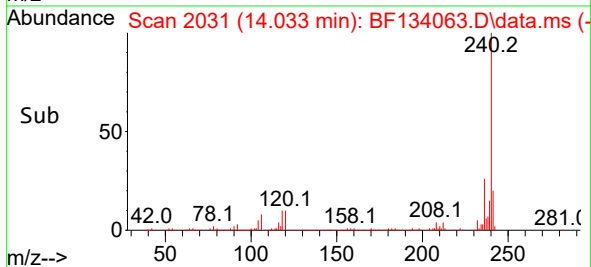
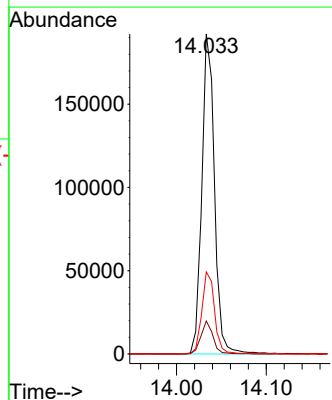
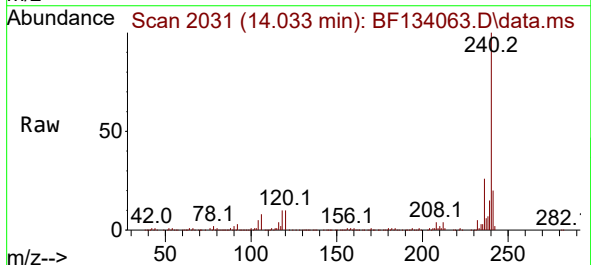
Instrument :
BNA_F
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CE-91-062023

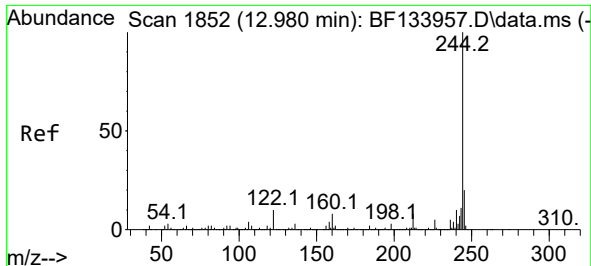
Tgt Ion:188 Resp: 387015
Ion Ratio Lower Upper
188 100
94 8.2 6.4 9.6
80 9.1 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.018 min
Lab File: BF134063.D
Acq: 30 Jun 2023 21:15

Tgt Ion:240 Resp: 187893
Ion Ratio Lower Upper
240 100
120 10.3 7.4 11.0
236 25.7 21.0 31.6

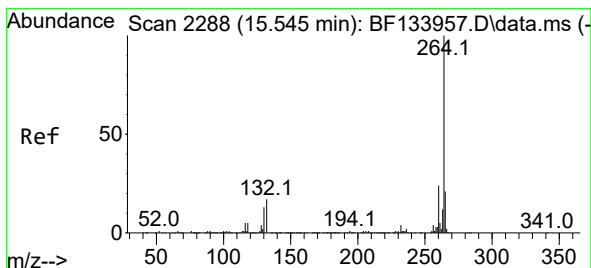
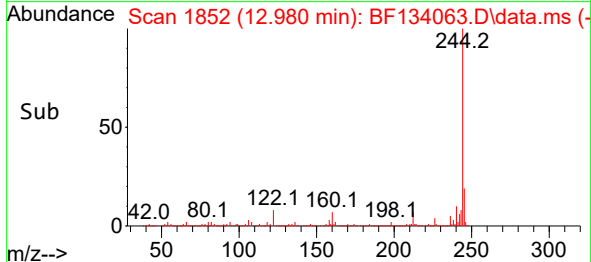
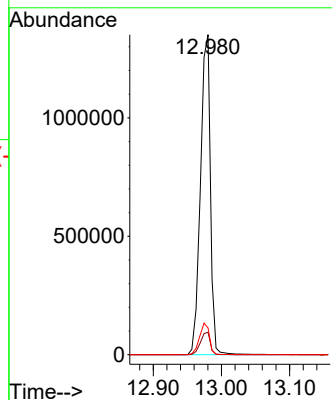
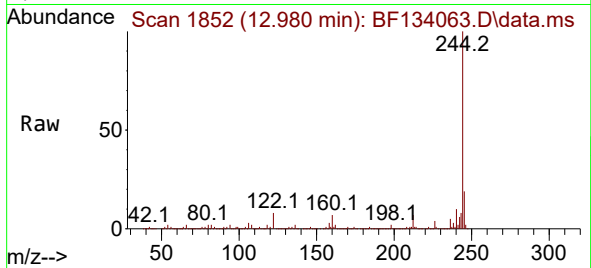




#79
 Terphenyl-d14
 Concen: 117.224 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF134063.D
 Acq: 30 Jun 2023 21:15

Instrument :
 BNA_F
 ClientSampleId :
 CE-91-062023

Tgt Ion:244 Resp: 1368547
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 8.3 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. -0.012 min
 Lab File: BF134063.D
 Acq: 30 Jun 2023 21:15

Tgt Ion:264 Resp: 205923
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 20.9 16.6 25.0

