

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063023\
 Data File : BF134062.D
 Acq On : 30 Jun 2023 20:40
 Operator : CG\JU
 Sample : 03360-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CE-88N-062023

Quant Time: Jul 01 04:32:31 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	109609	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	424831	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	215669	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	436119	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	229059	20.000	ng	-0.01
86) Perylene-d12	15.539	264	226677	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	738644	112.726	ng	0.00
7) Phenol-d6	6.486	99	795356	98.700	ng	0.00
23) Nitrobenzene-d5	7.410	82	677693	85.990	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	349994	129.433	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1247545	84.101	ng	0.00
79) Terphenyl-d14	12.980	244	1535907	107.916	ng	0.00

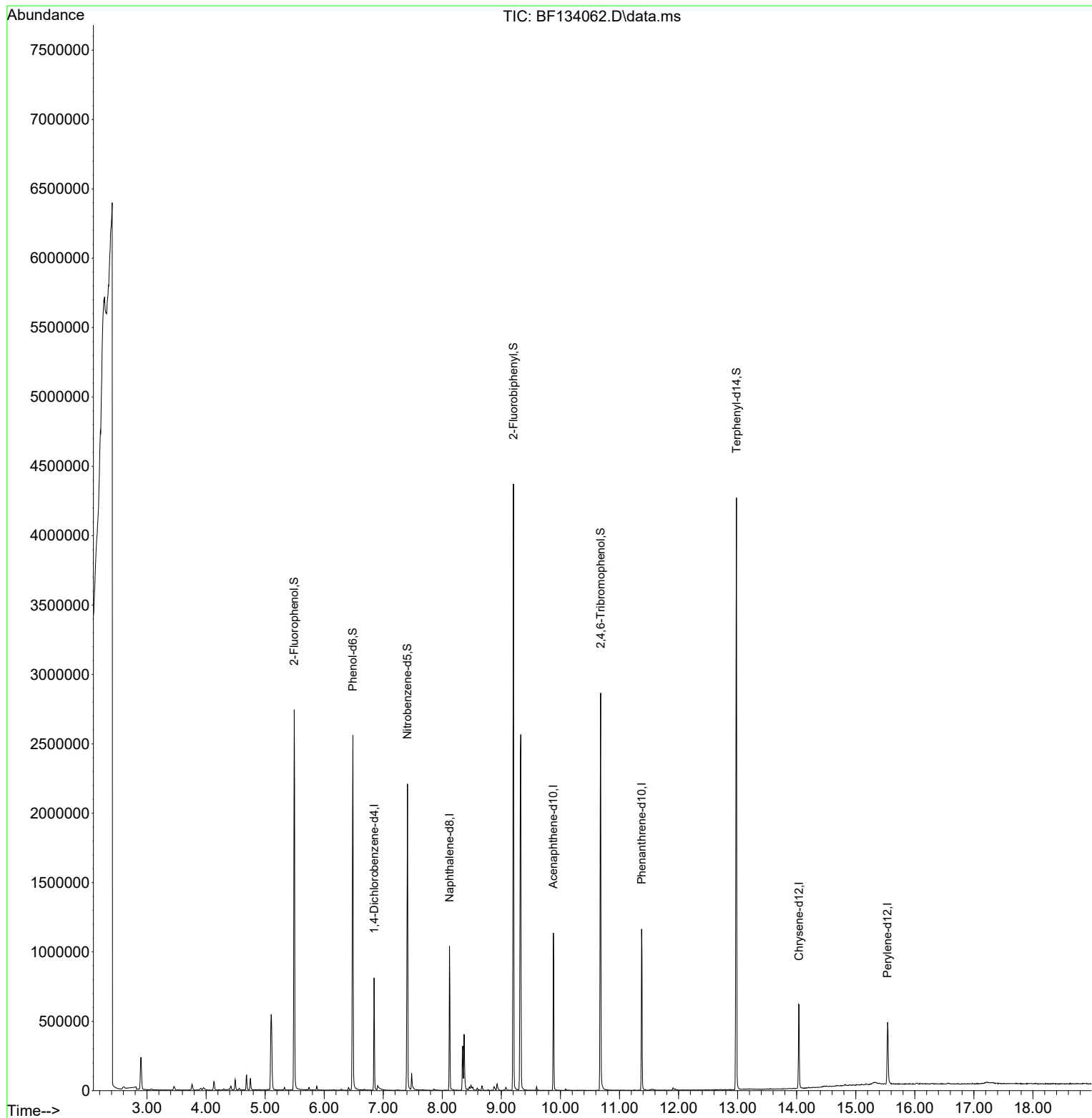
Target Compounds	Qvalue

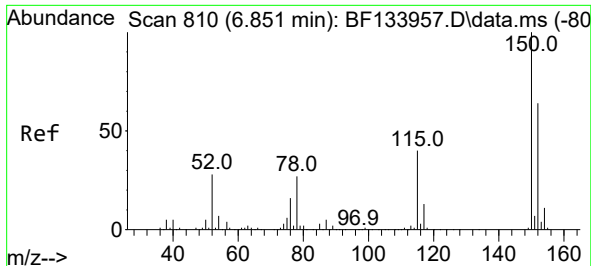
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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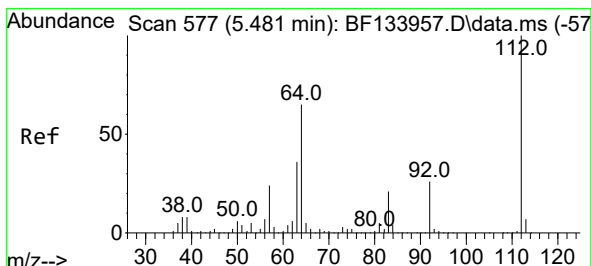
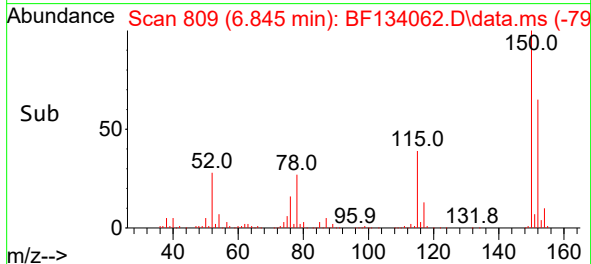
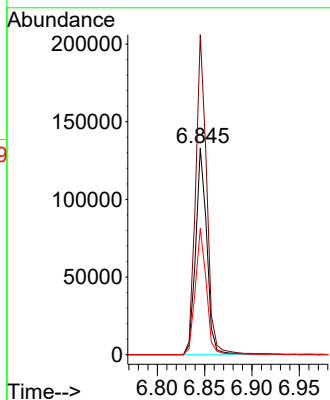
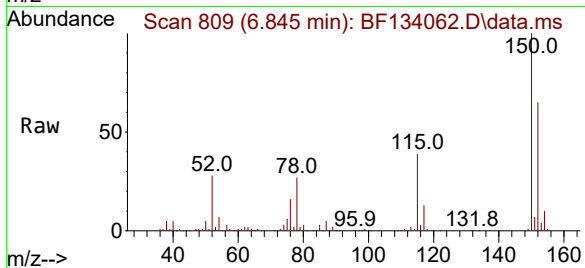




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF134062.D
Acq: 30 Jun 2023 20:40

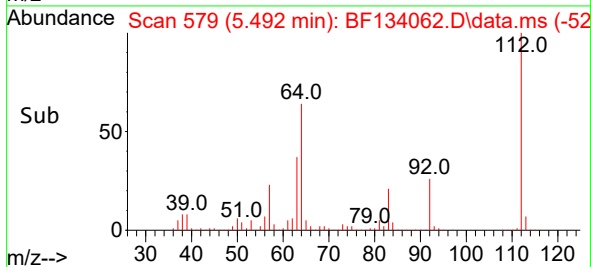
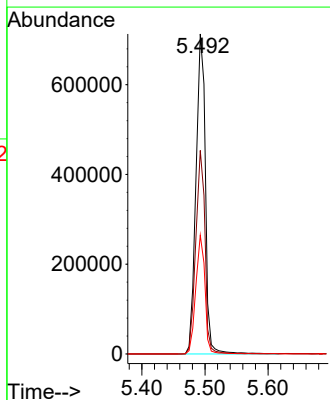
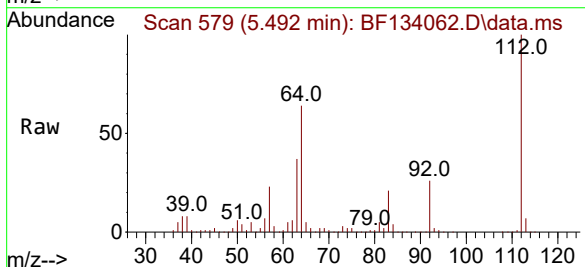
Instrument :
BNA_F
ClientSampleId :
CE-88N-062023

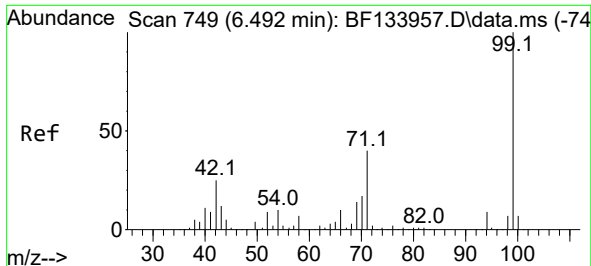
Tgt Ion:152 Resp: 109609
Ion Ratio Lower Upper
152 100
150 154.8 124.5 186.7
115 61.0 50.2 75.2



#5
2-Fluorophenol
Concen: 112.726 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF134062.D
Acq: 30 Jun 2023 20:40

Tgt Ion:112 Resp: 738644
Ion Ratio Lower Upper
112 100
64 63.6 52.1 78.1
63 37.1 28.6 42.8

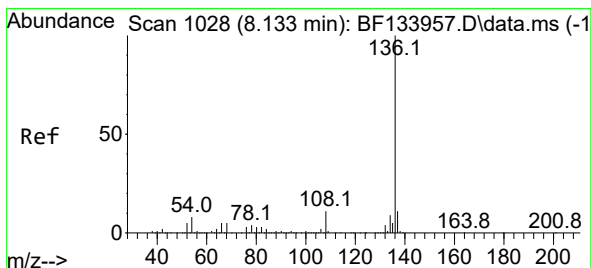
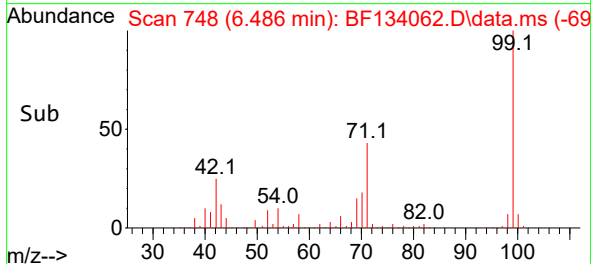
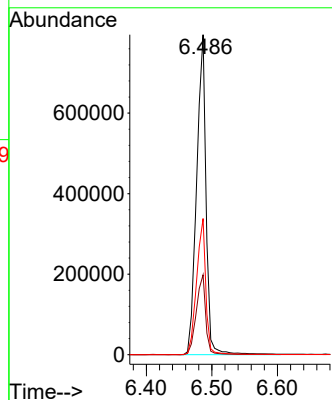
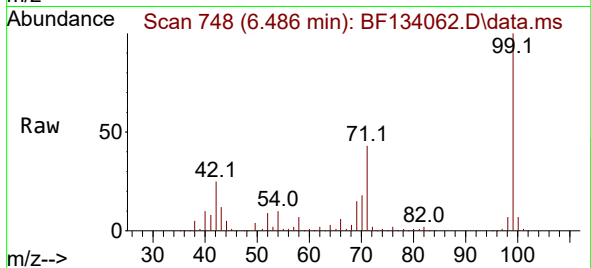




#7
Phenol-d6
Concen: 98.700 ng
RT: 6.486 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134062.D
Acq: 30 Jun 2023 20:40

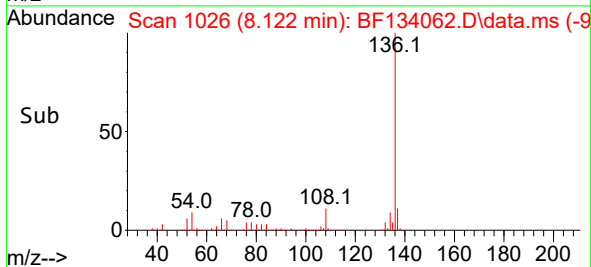
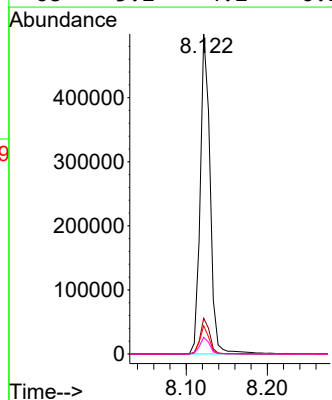
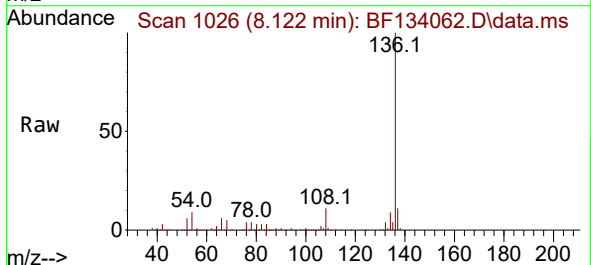
Instrument :
BNA_F
ClientSampleId :
CE-88N-062023

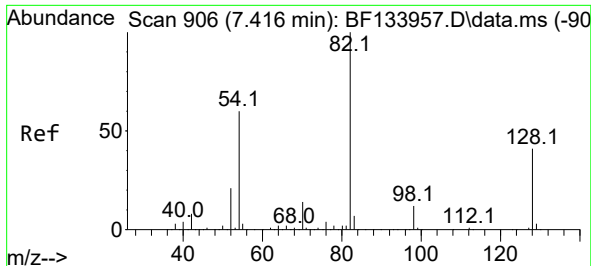
Tgt Ion: 99 Resp: 795356
Ion Ratio Lower Upper
99 100
42 25.0 19.8 29.6
71 42.5 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134062.D
Acq: 30 Jun 2023 20:40

Tgt Ion: 136 Resp: 424831
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 8.8 6.5 9.7
68 5.2 4.2 6.2

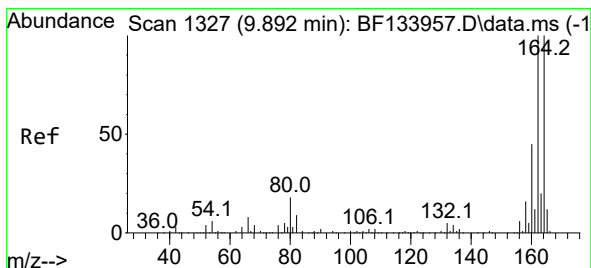
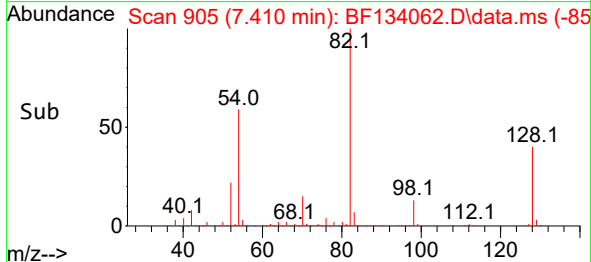
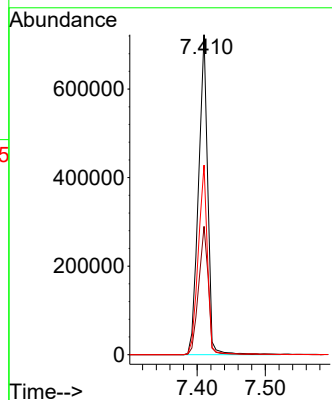
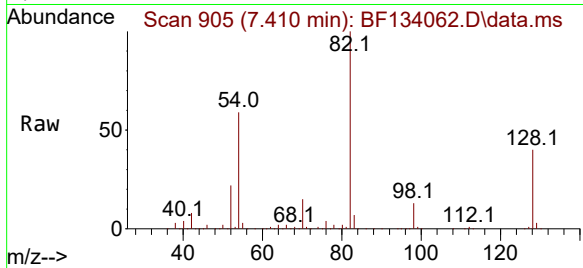




#23
 Nitrobenzene-d5
 Concen: 85.990 ng
 RT: 7.410 min Scan# 906
 Delta R.T. -0.012 min
 Lab File: BF134062.D
 Acq: 30 Jun 2023 20:40

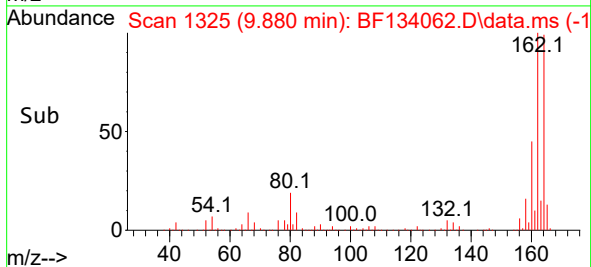
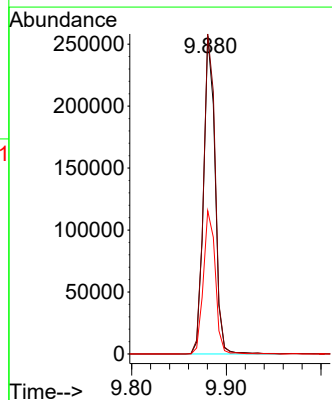
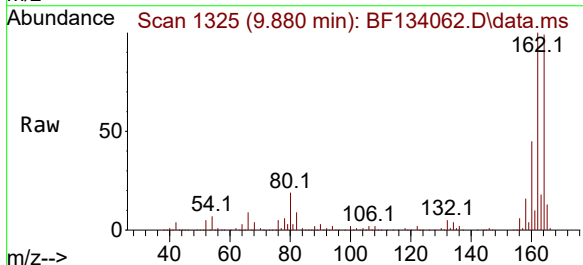
Instrument :
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 ClientSampleId :
 CE-88N-062023

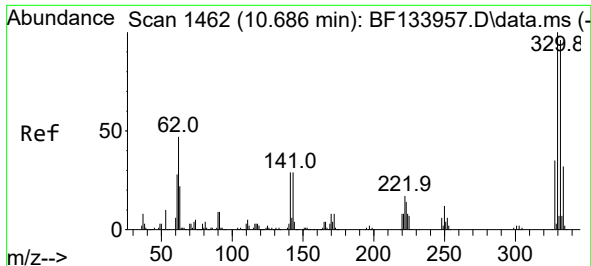
Tgt Ion: 82 Resp: 677693
 Ion Ratio Lower Upper
 82 100
 128 40.1 32.5 48.7
 54 59.3 48.2 72.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.880 min Scan# 1325
 Delta R.T. -0.012 min
 Lab File: BF134062.D
 Acq: 30 Jun 2023 20:40

Tgt Ion: 164 Resp: 215669
 Ion Ratio Lower Upper
 164 100
 162 100.7 80.0 120.0
 160 45.1 35.9 53.9

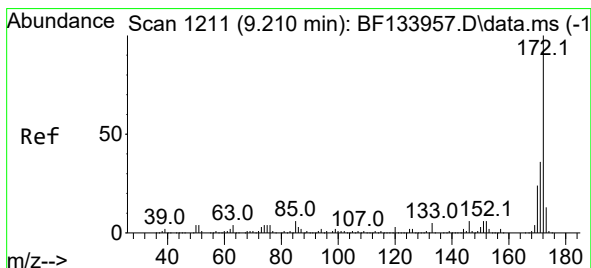
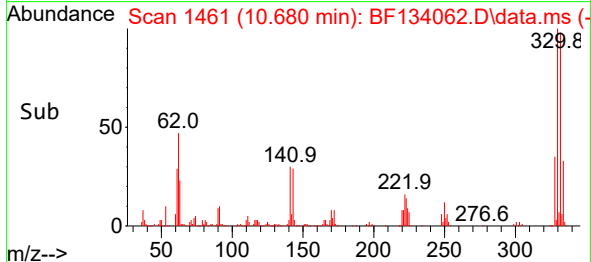
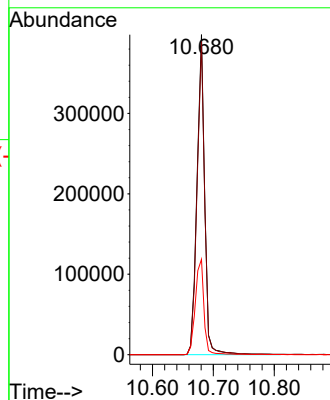
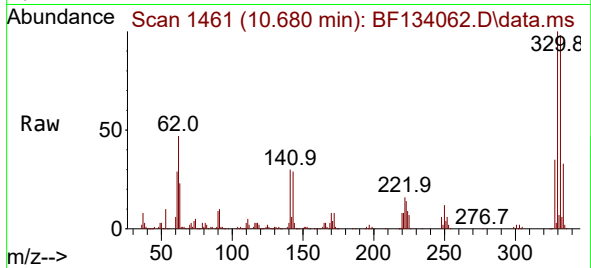




#42
2,4,6-Tribromophenol
Concen: 129.433 ng
RT: 10.680 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF134062.D
Acq: 30 Jun 2023 20:40

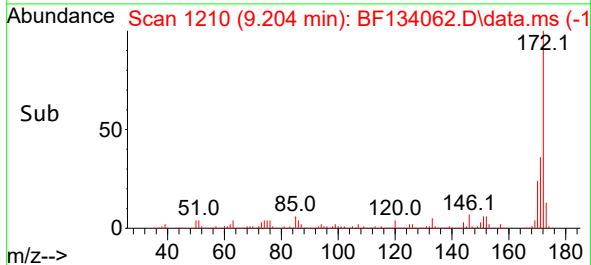
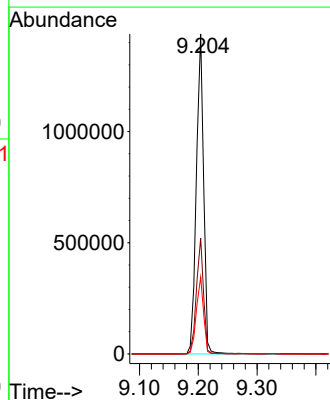
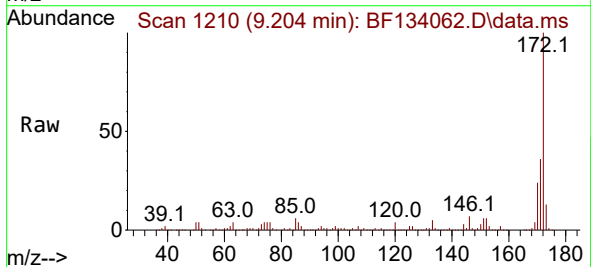
Instrument :
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ClientSampleId :
CE-88N-062023

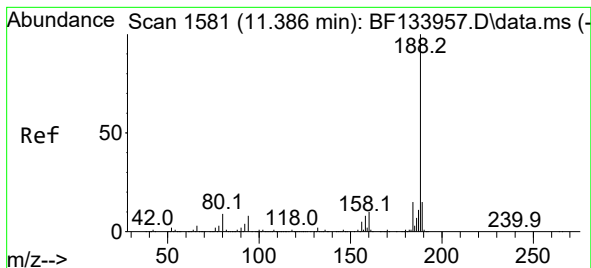
Tgt Ion:330 Resp: 349994
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.6
141 33.6 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 84.101 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF134062.D
Acq: 30 Jun 2023 20:40

Tgt Ion:172 Resp: 1247545
Ion Ratio Lower Upper
172 100
171 36.2 28.6 43.0
170 24.0 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: BF134062.D

Acq: 30 Jun 2023 20:40

Instrument :

BNA_F

ClientSampleId :

CE-88N-062023

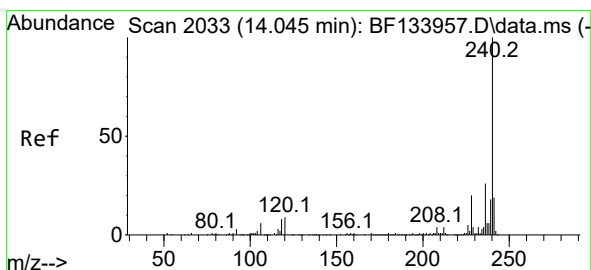
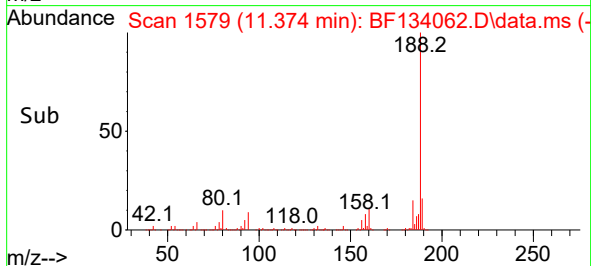
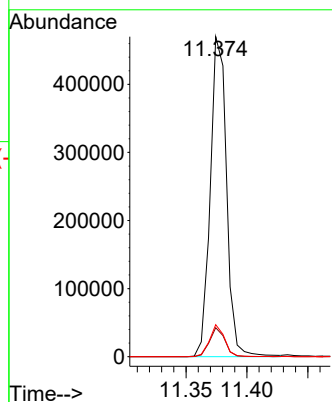
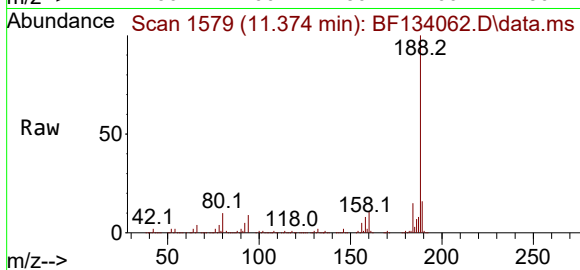
Tgt Ion:188 Resp: 436119

Ion Ratio Lower Upper

188 100

94 9.0 6.4 9.6

80 10.0 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2032

Delta R.T. -0.012 min

Lab File: BF134062.D

Acq: 30 Jun 2023 20:40

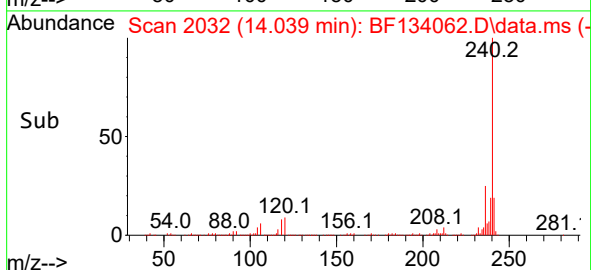
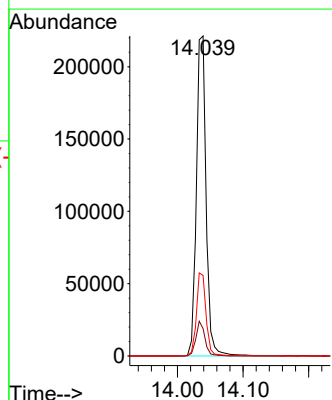
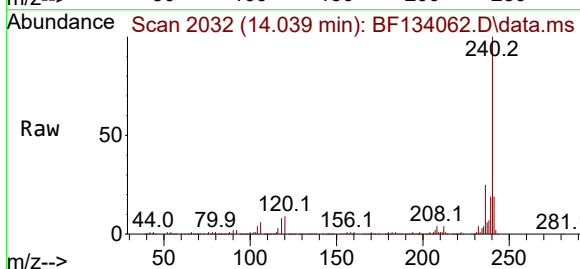
Tgt Ion:240 Resp: 229059

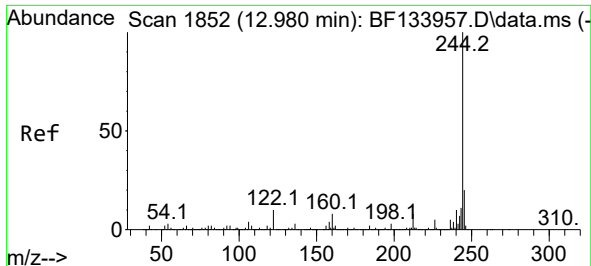
Ion Ratio Lower Upper

240 100

120 8.5 7.4 11.0

236 25.2 21.0 31.6

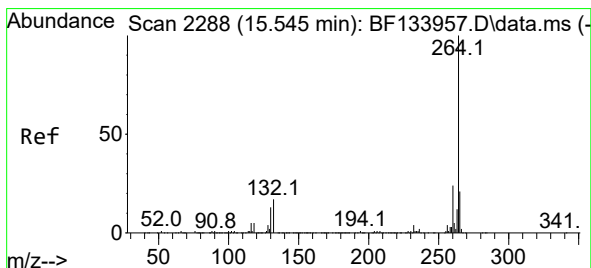
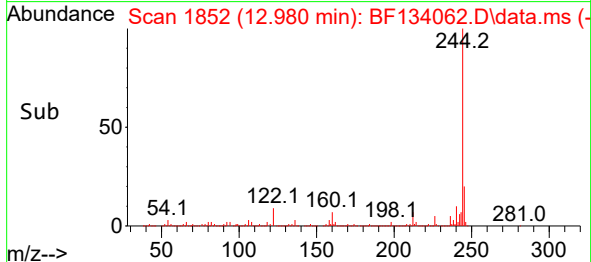
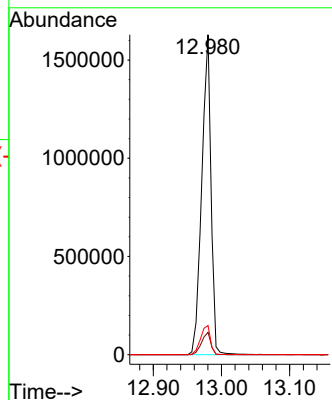
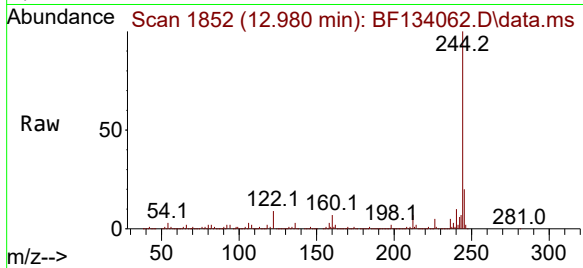




#79
 Terphenyl-d14
 Concen: 107.916 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF134062.D
 Acq: 30 Jun 2023 20:40

Instrument :
 BNA_F
 ClientSampleId :
 CE-88N-062023

Tgt Ion:244 Resp: 1535907
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.1 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: BF134062.D
 Acq: 30 Jun 2023 20:40

Tgt Ion:264 Resp: 226677
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 22.9 16.6 25.0

