

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063023\
 Data File : BF134064.D
 Acq On : 30 Jun 2023 21:50
 Operator : CG\JU
 Sample : 03462-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-62823

Quant Time: Jul 01 04:33:16 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	100924	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	394280	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	195970	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	332833	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	193609	20.000	ng	-0.02
86) Perylene-d12	15.539	264	207912	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	468328	77.623	ng	-0.01
7) Phenol-d6	6.481	99	563130	75.895	ng	-0.01
23) Nitrobenzene-d5	7.404	82	390205	53.348	ng	-0.02
42) 2,4,6-Tribromophenol	10.674	330	144443	58.787	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	740521	54.939	ng	0.00
79) Terphenyl-d14	12.974	244	566307	47.076	ng	-0.01

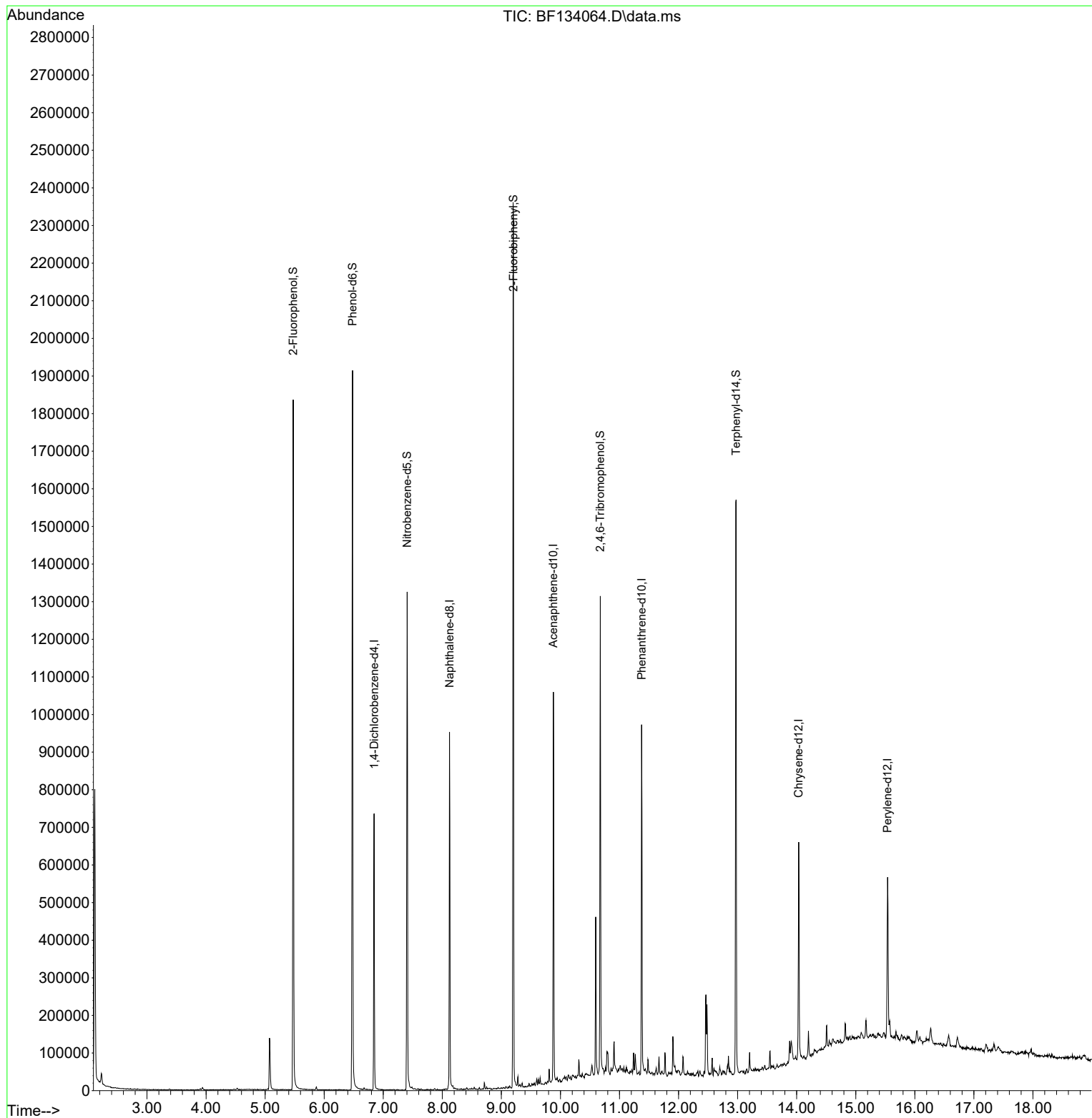
Target Compounds	Qvalue

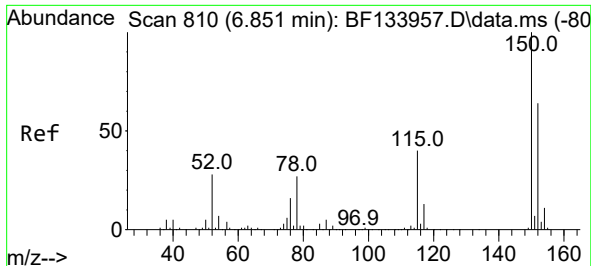
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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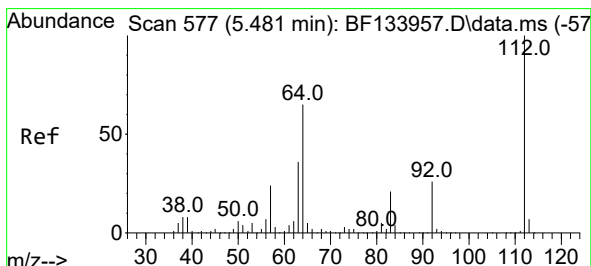
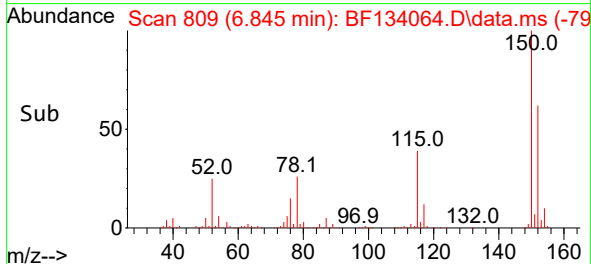
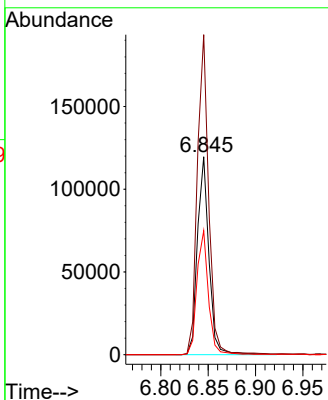
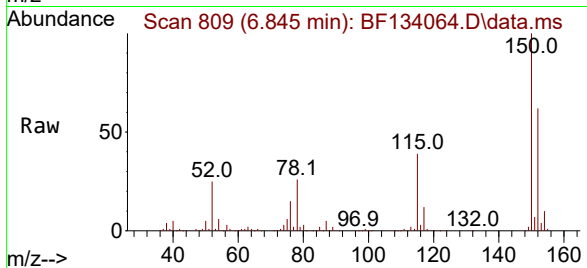




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF134064.D
Acq: 30 Jun 2023 21:50

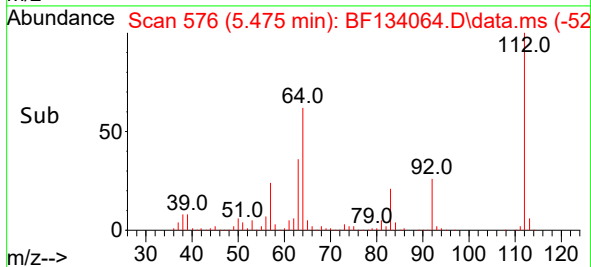
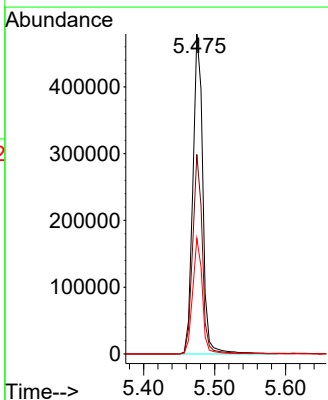
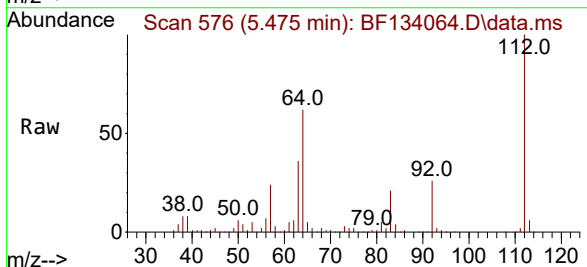
Instrument :
BNA_F
ClientSampleId :
SU-02-62823

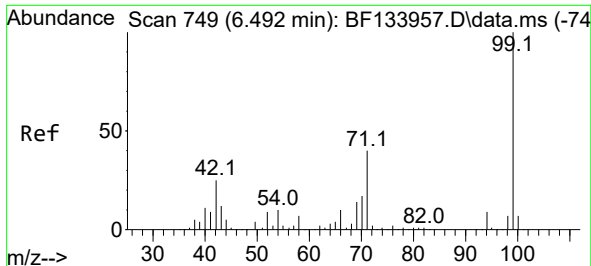
Tgt Ion:152 Resp: 100924
Ion Ratio Lower Upper
152 100
150 161.7 124.5 186.7
115 62.7 50.2 75.2



#5
2-Fluorophenol
Concen: 77.623 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.012 min
Lab File: BF134064.D
Acq: 30 Jun 2023 21:50

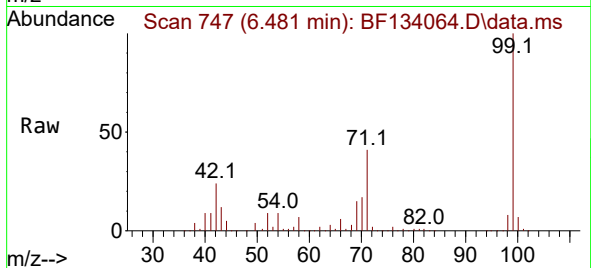
Tgt Ion:112 Resp: 468328
Ion Ratio Lower Upper
112 100
64 62.4 52.1 78.1
63 36.1 28.6 42.8



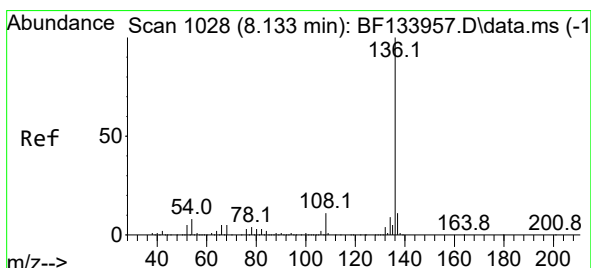
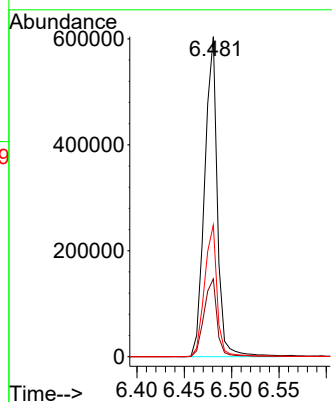
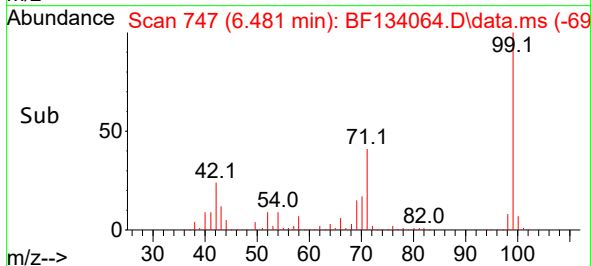


#7
Phenol-d6
Concen: 75.895 ng
RT: 6.481 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF134064.D
Acq: 30 Jun 2023 21:50

Instrument :
BNA_F
ClientSampleId :
SU-02-62823

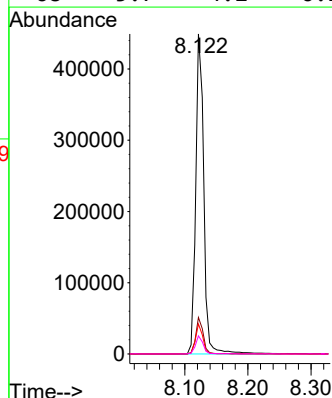
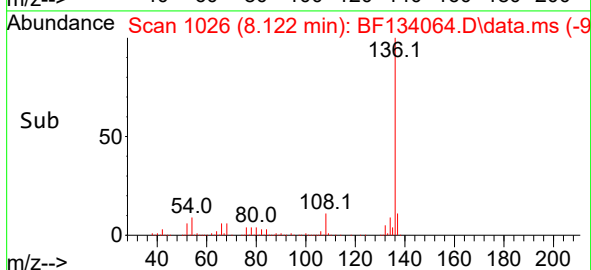
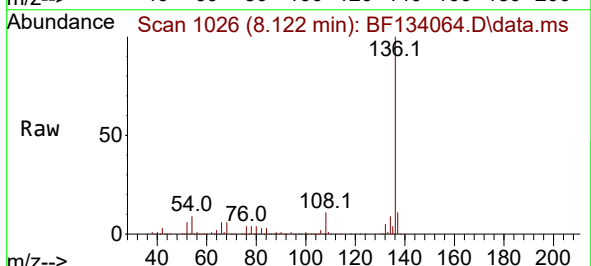


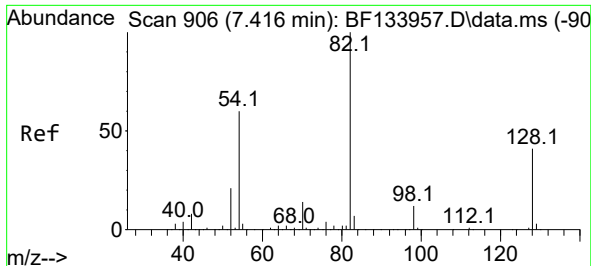
Tgt Ion: 99 Resp: 563130
Ion Ratio Lower Upper
99 100
42 24.3 19.8 29.6
71 41.1 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134064.D
Acq: 30 Jun 2023 21:50

Tgt Ion: 136 Resp: 394280
Ion Ratio Lower Upper
136 100
137 11.4 8.6 12.8
54 9.3 6.5 9.7
68 5.7 4.2 6.2

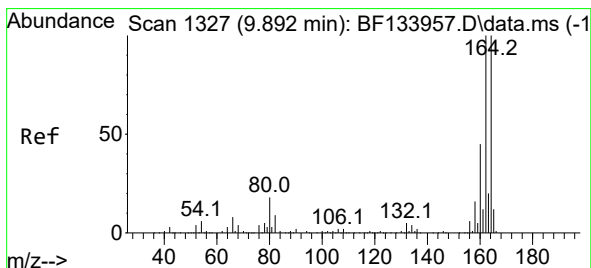
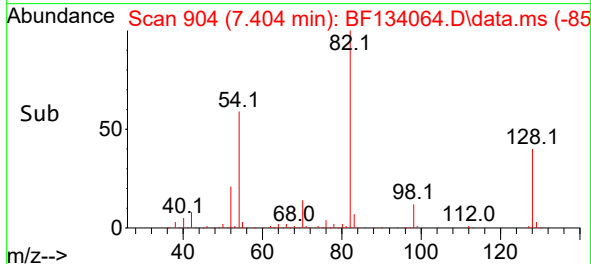
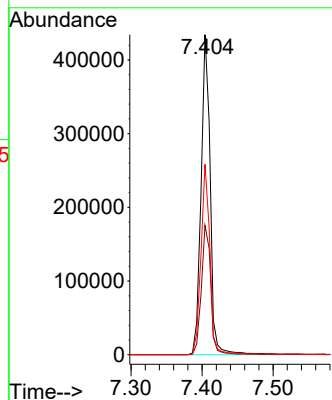
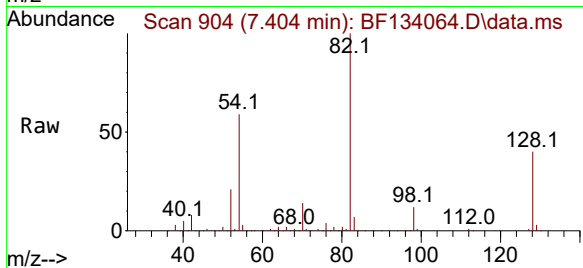




#23
Nitrobenzene-d5
Concen: 53.348 ng
RT: 7.404 min Scan# 906
Delta R.T. -0.018 min
Lab File: BF134064.D
Acq: 30 Jun 2023 21:50

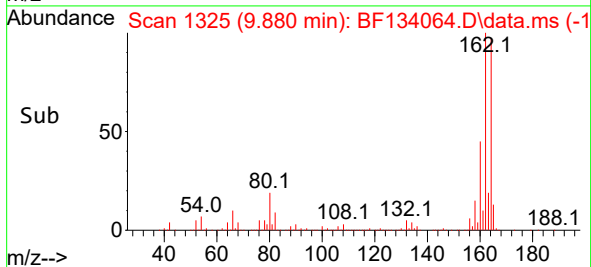
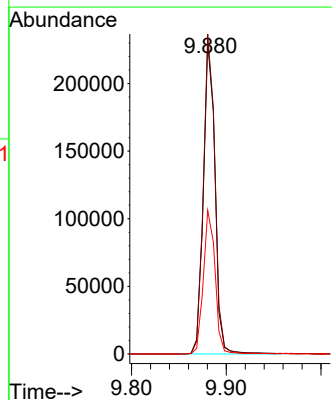
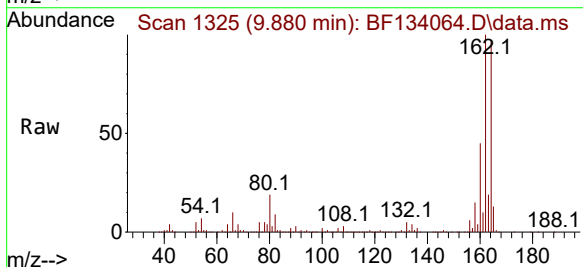
Instrument :
BNA_F
ClientSampleId :
SU-02-62823

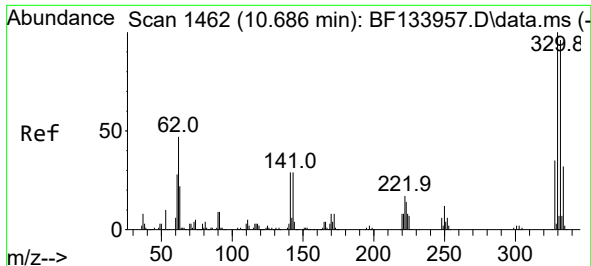
Tgt Ion: 82 Resp: 390205
Ion Ratio Lower Upper
82 100
128 40.4 32.5 48.7
54 59.5 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF134064.D
Acq: 30 Jun 2023 21:50

Tgt Ion:164 Resp: 195970
Ion Ratio Lower Upper
164 100
162 102.8 80.0 120.0
160 46.1 35.9 53.9

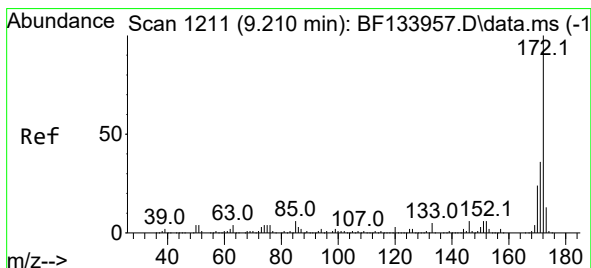
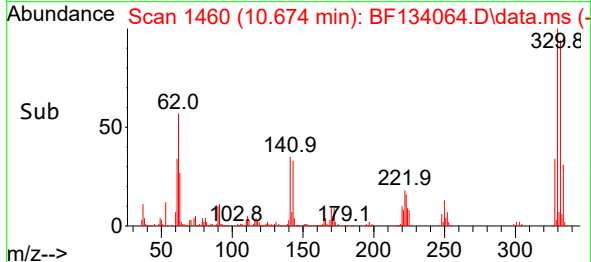
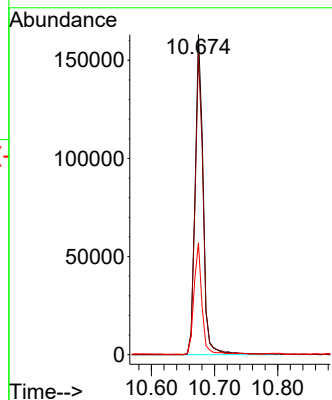
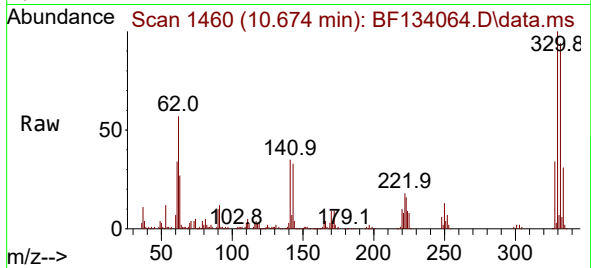




#42
2,4,6-Tribromophenol
Concen: 58.787 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF134064.D
Acq: 30 Jun 2023 21:50

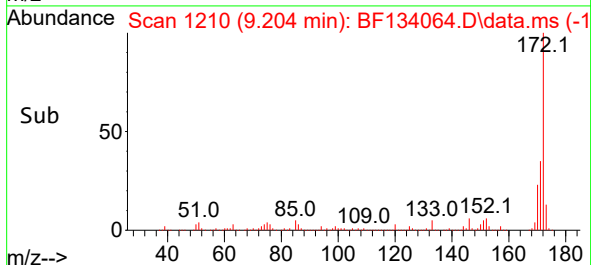
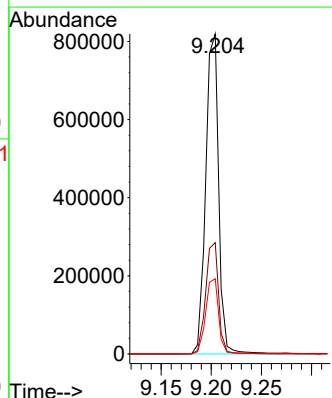
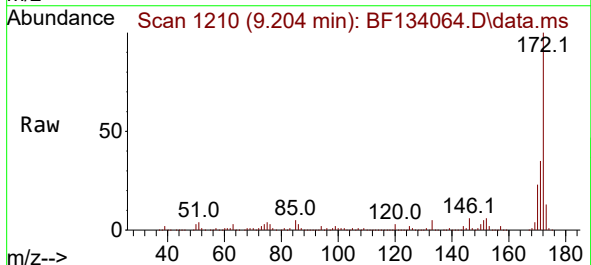
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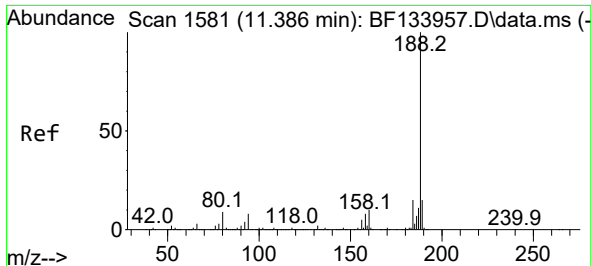
Tgt Ion:330 Resp: 144443
Ion Ratio Lower Upper
330 100
332 94.6 77.0 115.6
141 33.9 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 54.939 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF134064.D
Acq: 30 Jun 2023 21:50

Tgt Ion:172 Resp: 740521
Ion Ratio Lower Upper
172 100
171 34.8 28.6 43.0
170 23.5 19.4 29.0

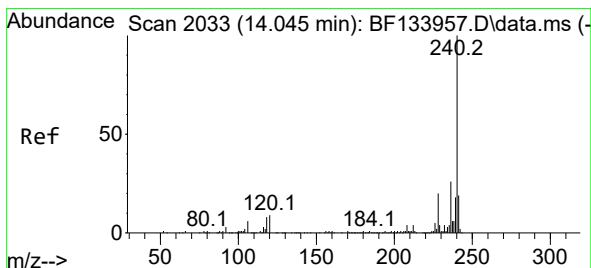
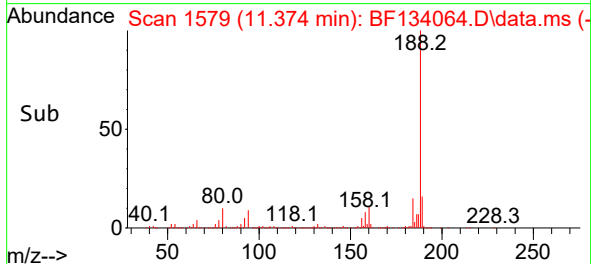
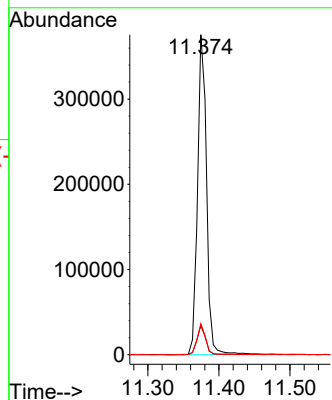
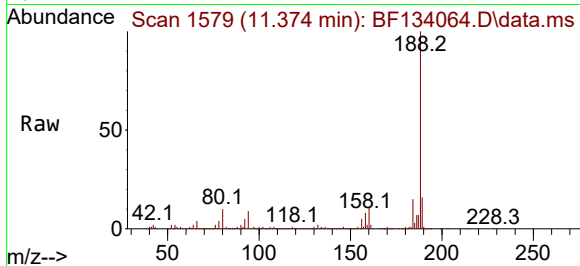




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134064.D
Acq: 30 Jun 2023 21:50

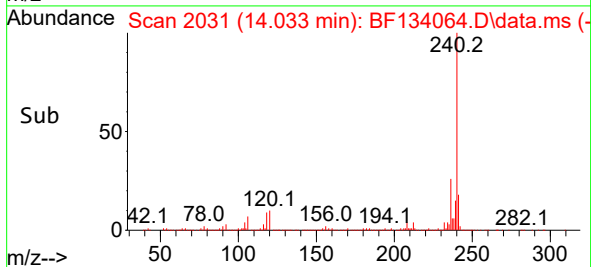
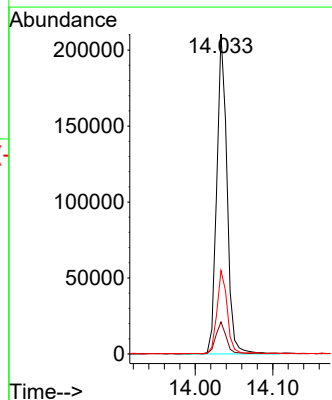
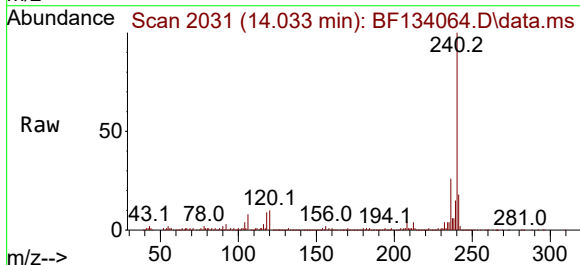
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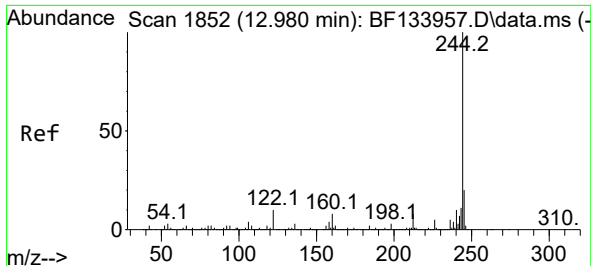
Tgt Ion:188 Resp: 332833
Ion Ratio Lower Upper
188 100
94 9.0 6.4 9.6
80 9.7 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.018 min
Lab File: BF134064.D
Acq: 30 Jun 2023 21:50

Tgt Ion:240 Resp: 193609
Ion Ratio Lower Upper
240 100
120 10.0 7.4 11.0
236 26.0 21.0 31.6

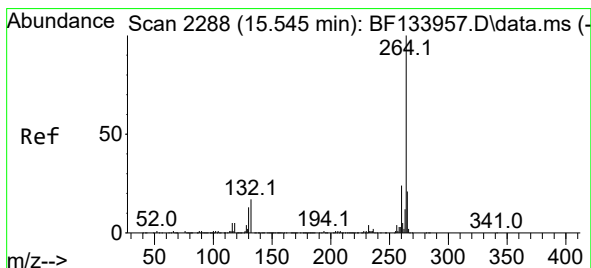
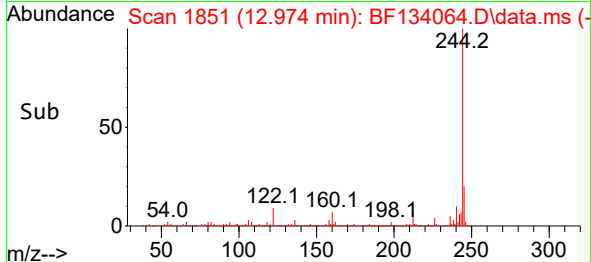
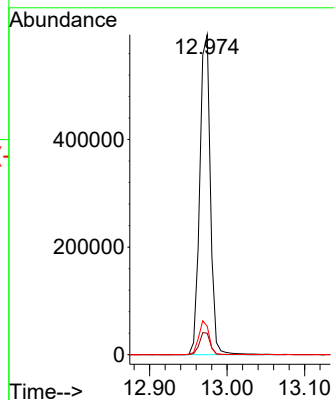
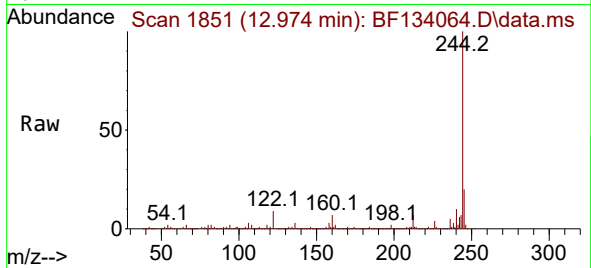




#79
 Terphenyl-d14
 Concen: 47.076 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF134064.D
 Acq: 30 Jun 2023 21:50

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-62823

Tgt Ion:244 Resp: 566307
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 8.8 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: BF134064.D
 Acq: 30 Jun 2023 21:50

Tgt Ion:264 Resp: 207912
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 20.9 16.6 25.0

