

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
 Data File : BF134159.D
 Acq On : 08 Jul 2023 21:04
 Operator : CG\JU
 Sample : 03516-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BERGENFIELD-COMP

Quant Time: Jul 09 00:41:23 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	141267	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	589702	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	309202	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	594676	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	342313	20.000	ng	-0.01
86) Perylene-d12	15.539	264	295937	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	685451	81.166	ng	0.00
7) Phenol-d6	6.481	99	879514	84.684	ng	-0.01
23) Nitrobenzene-d5	7.410	82	606698	55.459	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	324350	83.665	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1206707	56.740	ng	0.00
79) Terphenyl-d14	12.974	244	1381253	64.941	ng	-0.01

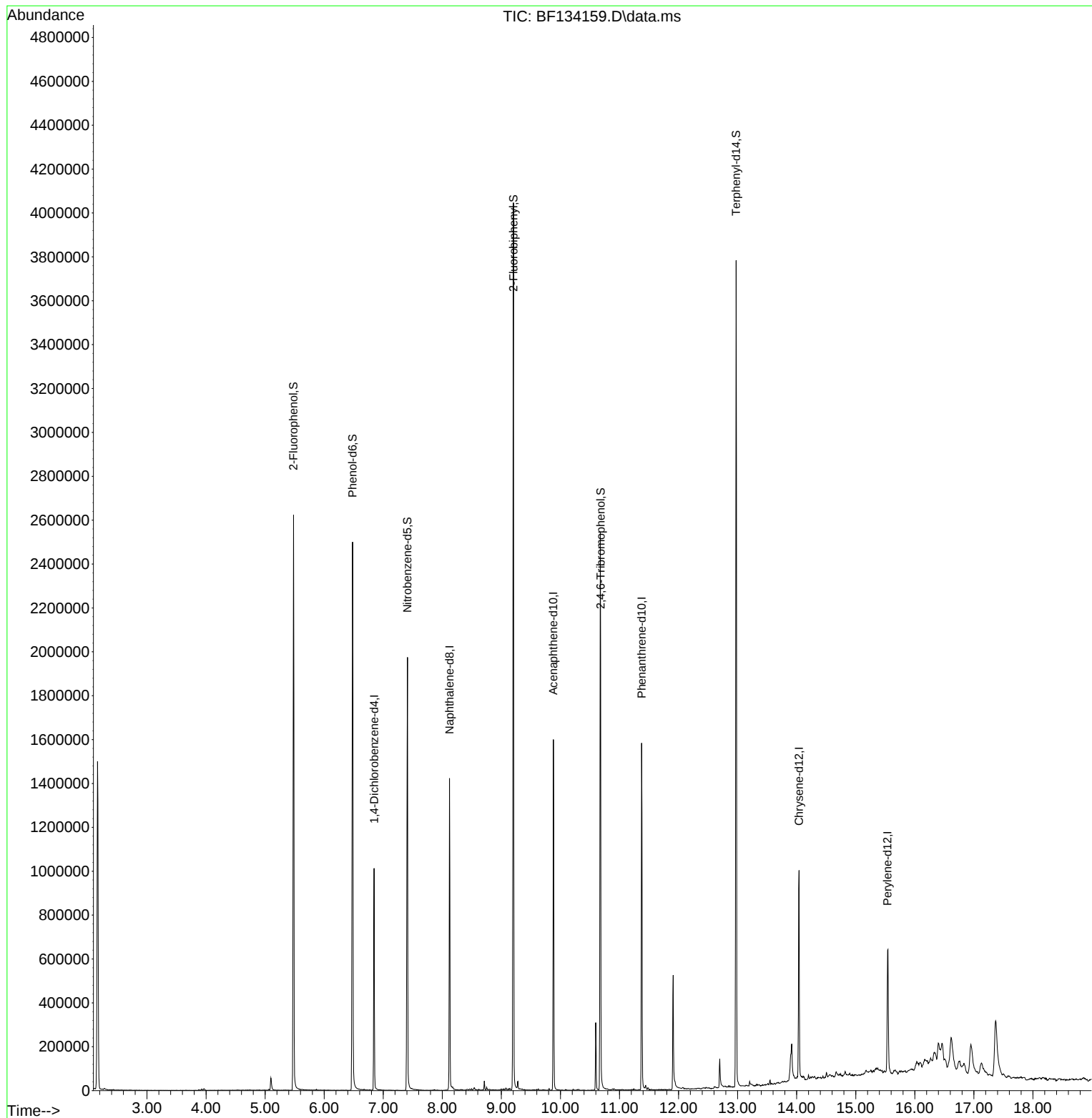
Target Compounds	Qvalue

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

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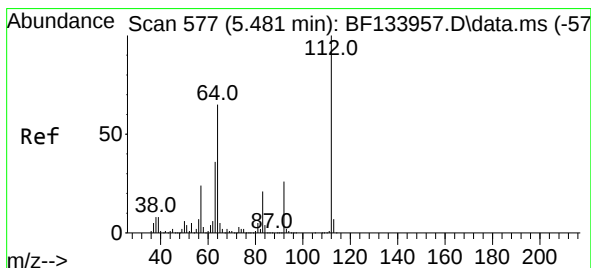
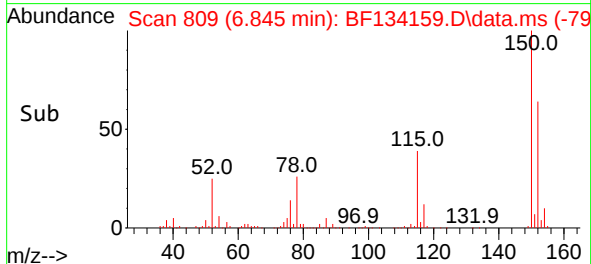
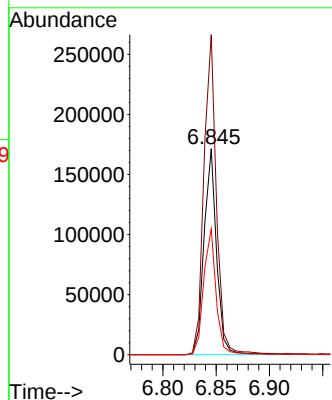
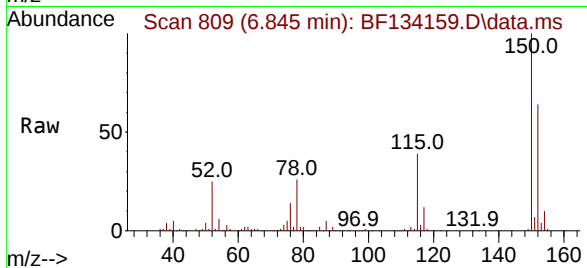




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF134159.D
Acq: 08 Jul 2023 21:04

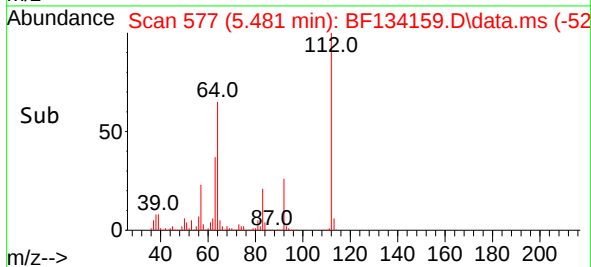
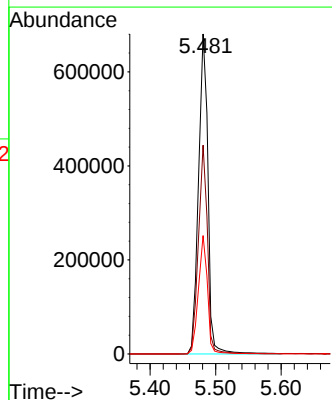
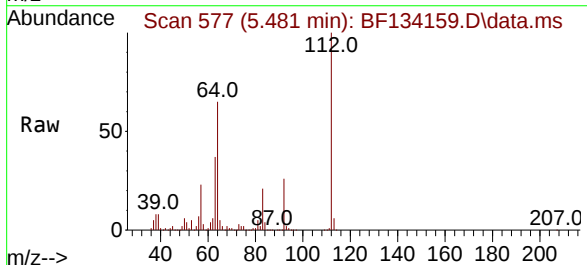
Instrument :
BNA_F
ClientSampleId :
BERGENFIELD-COMP

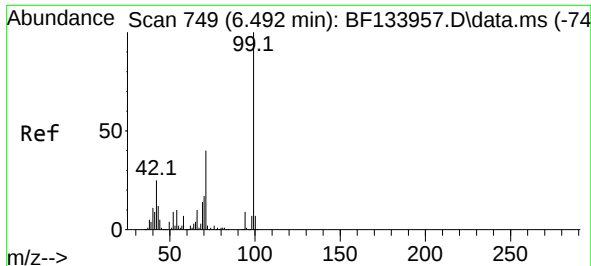
Tgt Ion:152 Resp: 141267
Ion Ratio Lower Upper
152 100
150 155.5 124.5 186.7
115 61.1 50.2 75.2



#5
2-Fluorophenol
Concen: 81.166 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF134159.D
Acq: 08 Jul 2023 21:04

Tgt Ion:112 Resp: 685451
Ion Ratio Lower Upper
112 100
64 65.2 52.1 78.1
63 37.0 28.6 42.8





#7

Phenol-d6

Concen: 84.684 ng

RT: 6.481 min Scan# 749

Delta R.T. -0.012 min

Lab File: BF134159.D

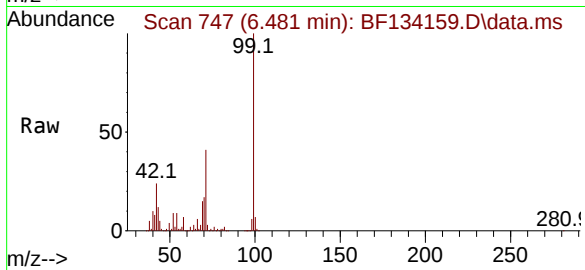
Acq: 08 Jul 2023 21:04

Instrument :

BNA_F

ClientSampleId :

BERGENFIELD-COMP



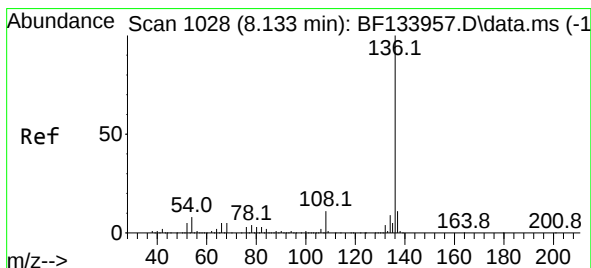
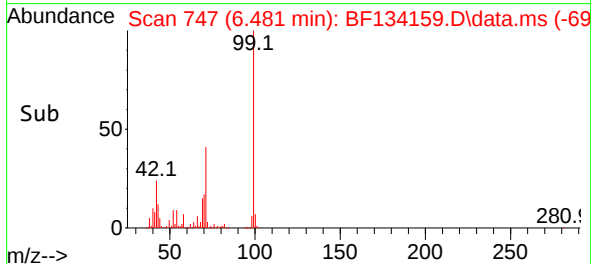
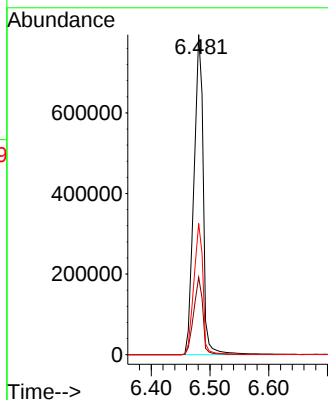
Tgt Ion: 99 Resp: 879514

Ion Ratio Lower Upper

99 100

42 24.2 19.8 29.6

71 41.0 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: BF134159.D

Acq: 08 Jul 2023 21:04

Tgt Ion: 136 Resp: 589702

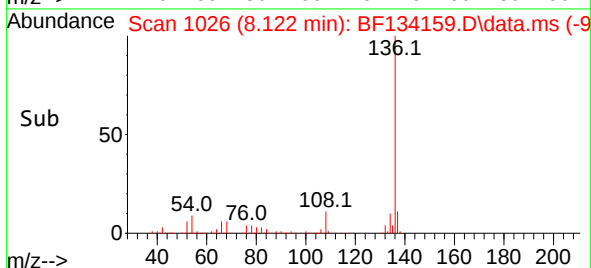
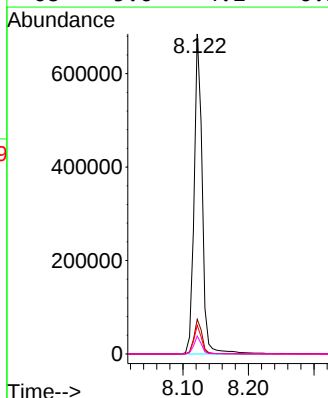
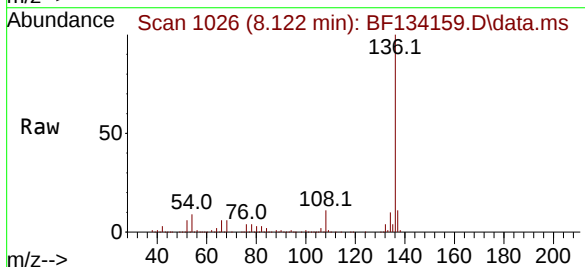
Ion Ratio Lower Upper

136 100

137 10.8 8.6 12.8

54 8.9 6.5 9.7

68 5.6 4.2 6.2





#23

Nitrobenzene-d5

Concen: 55.459 ng

RT: 7.410 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF134159.D

Acq: 08 Jul 2023 21:04

Instrument :

BNA_F

ClientSampleId :

BERGENFIELD-COMP

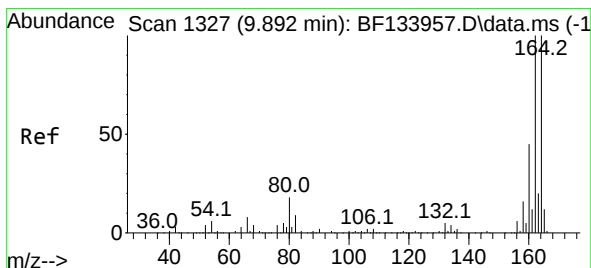
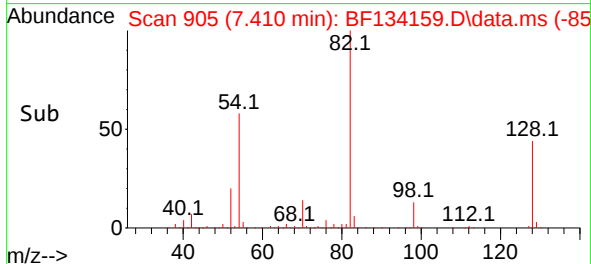
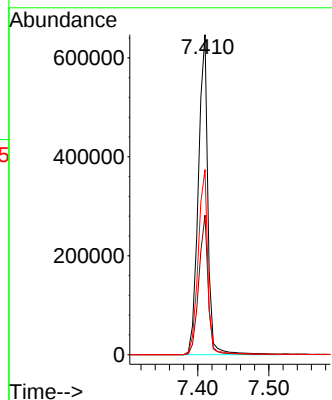
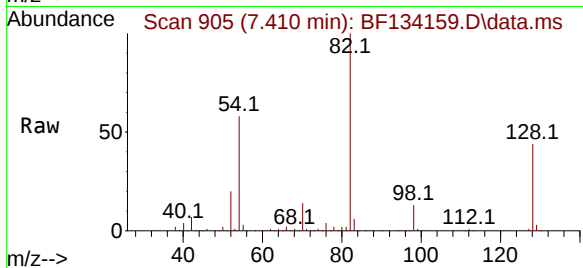
Tgt Ion: 82 Resp: 606698

Ion Ratio Lower Upper

82 100

128 43.6 32.5 48.7

54 57.9 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: BF134159.D

Acq: 08 Jul 2023 21:04

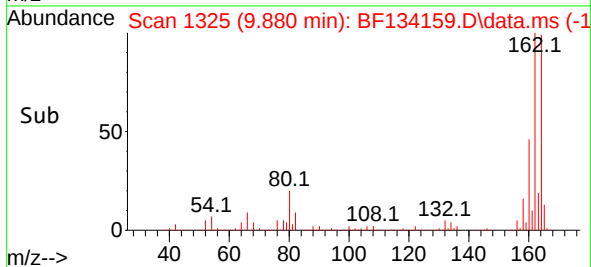
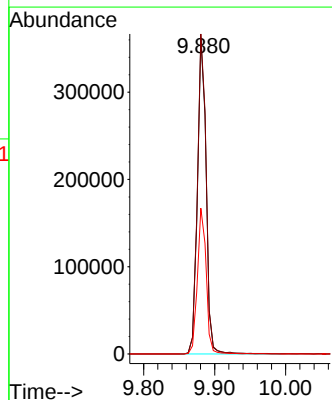
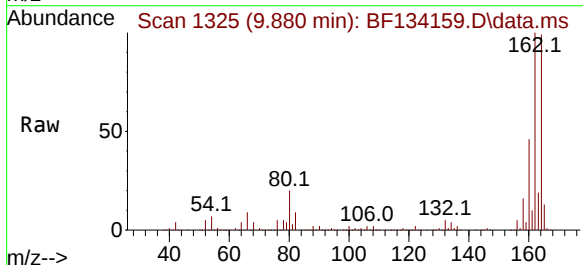
Tgt Ion:164 Resp: 309202

Ion Ratio Lower Upper

164 100

162 101.2 80.0 120.0

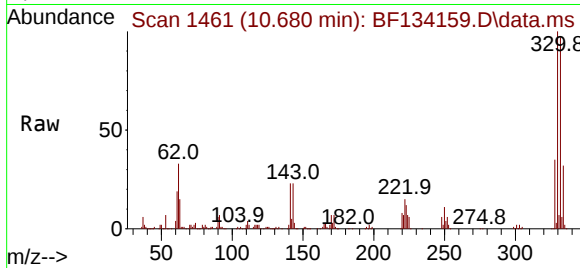
160 46.1 35.9 53.9



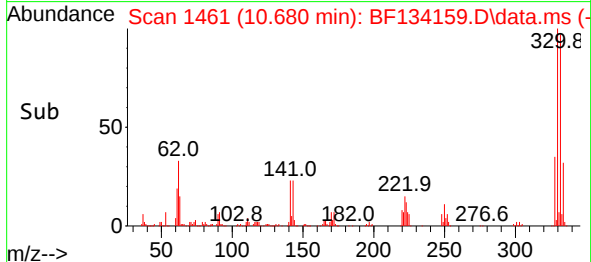
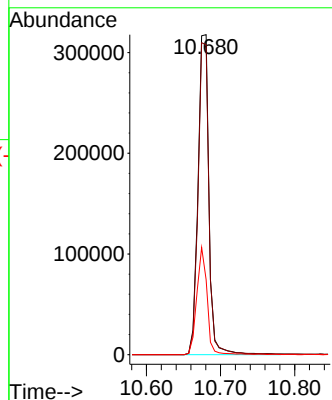


#42
2,4,6-Tribromophenol
Concen: 83.665 ng
RT: 10.680 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF134159.D
Acq: 08 Jul 2023 21:04

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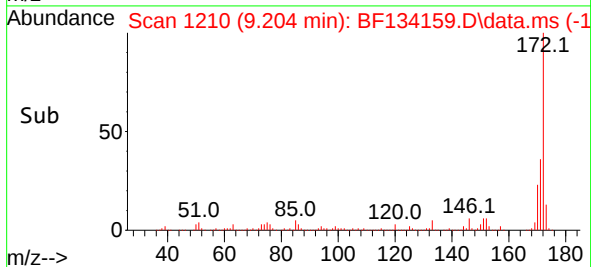
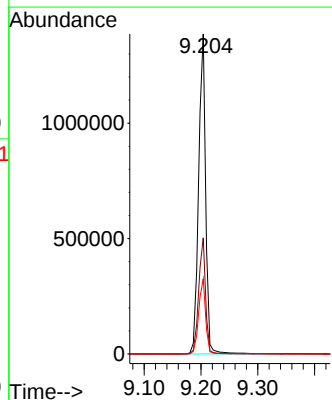
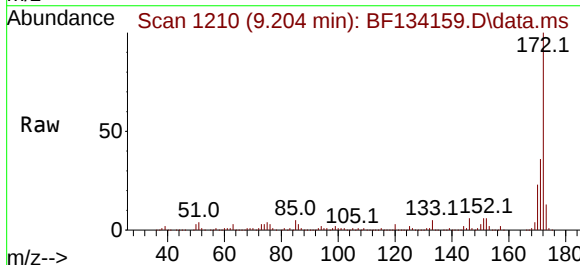


Tgt Ion:330 Resp: 324350
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.6
141 31.4 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 56.740 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF134159.D
Acq: 08 Jul 2023 21:04

Tgt Ion:172 Resp: 1206707
Ion Ratio Lower Upper
172 100
171 36.3 28.6 43.0
170 23.4 19.4 29.0

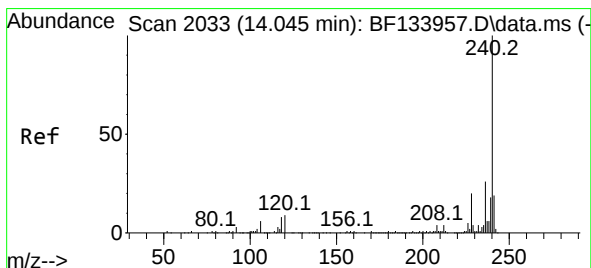
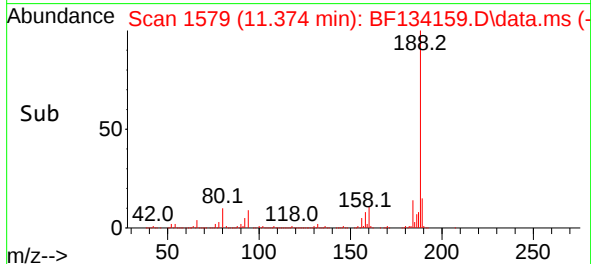
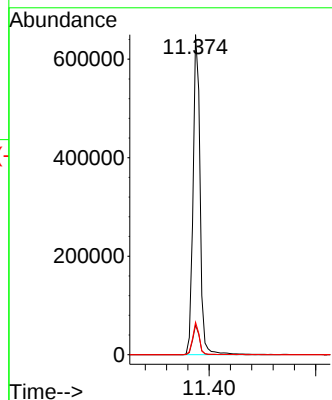
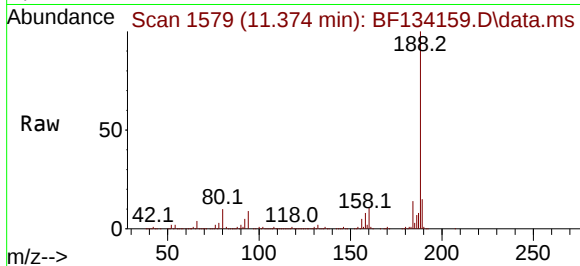




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134159.D
Acq: 08 Jul 2023 21:04

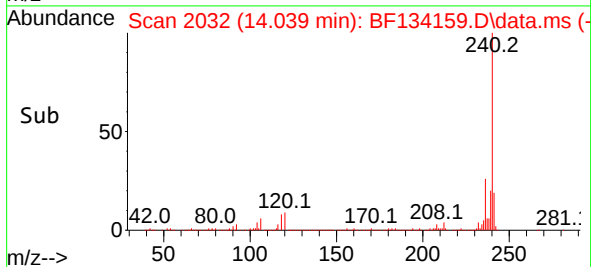
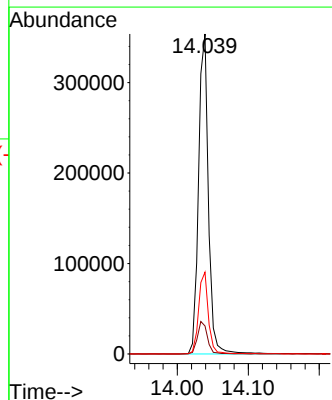
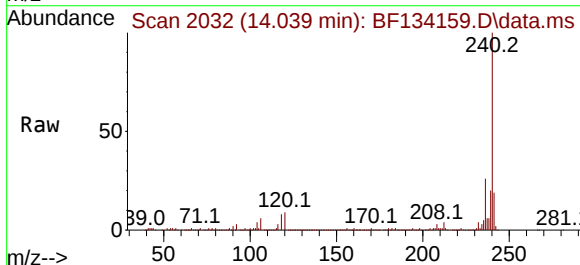
Instrument :
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ClientSampleId :
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Tgt Ion:188 Resp: 594676
Ion Ratio Lower Upper
188 100
94 9.3 6.4 9.6
80 10.1 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF134159.D
Acq: 08 Jul 2023 21:04

Tgt Ion:240 Resp: 342313
Ion Ratio Lower Upper
240 100
120 8.8 7.4 11.0
236 25.6 21.0 31.6

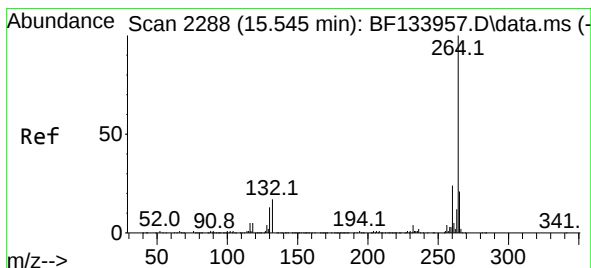
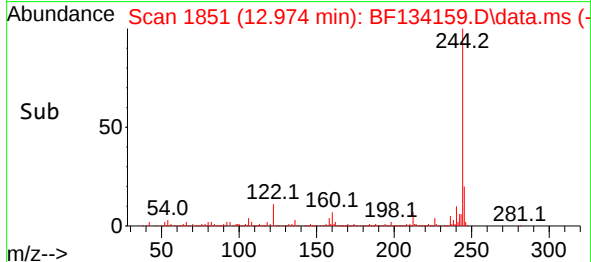
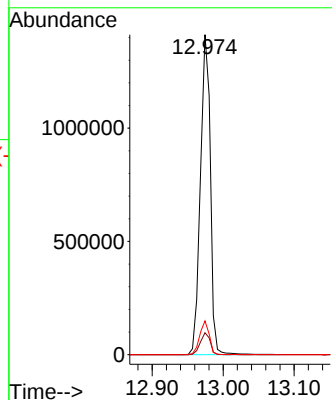
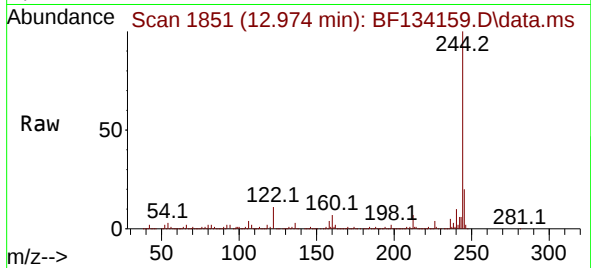




#79
 Terphenyl-d14
 Concen: 64.941 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF134159.D
 Acq: 08 Jul 2023 21:04

Instrument :
 BNA_F
 ClientSampleId :
 BERGENFIELD-COMP

Tgt Ion:244 Resp: 1381253
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 10.6 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: BF134159.D
 Acq: 08 Jul 2023 21:04

Tgt Ion:264 Resp: 295937
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.5 29.3
 265 21.5 16.6 25.0

