

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
 Data File : BF134215.D
 Acq On : 11 Jul 2023 15:40
 Operator : CG\JU
 Sample : PB153608TB
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153608TB

Quant Time: Jul 12 01:05:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	121783	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	471054	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	241402	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	464031	20.000	ng	0.00
76) Chrysene-d12	14.039	240	265120	20.000	ng	0.00
86) Perylene-d12	15.545	264	206843	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	888376	122.024	ng	0.01
7) Phenol-d6	6.481	99	1081485	120.791	ng	0.00
23) Nitrobenzene-d5	7.410	82	731632	83.725	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	339354	112.120	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1357893	81.782	ng	0.00
79) Terphenyl-d14	12.974	244	1358577	82.473	ng	0.00

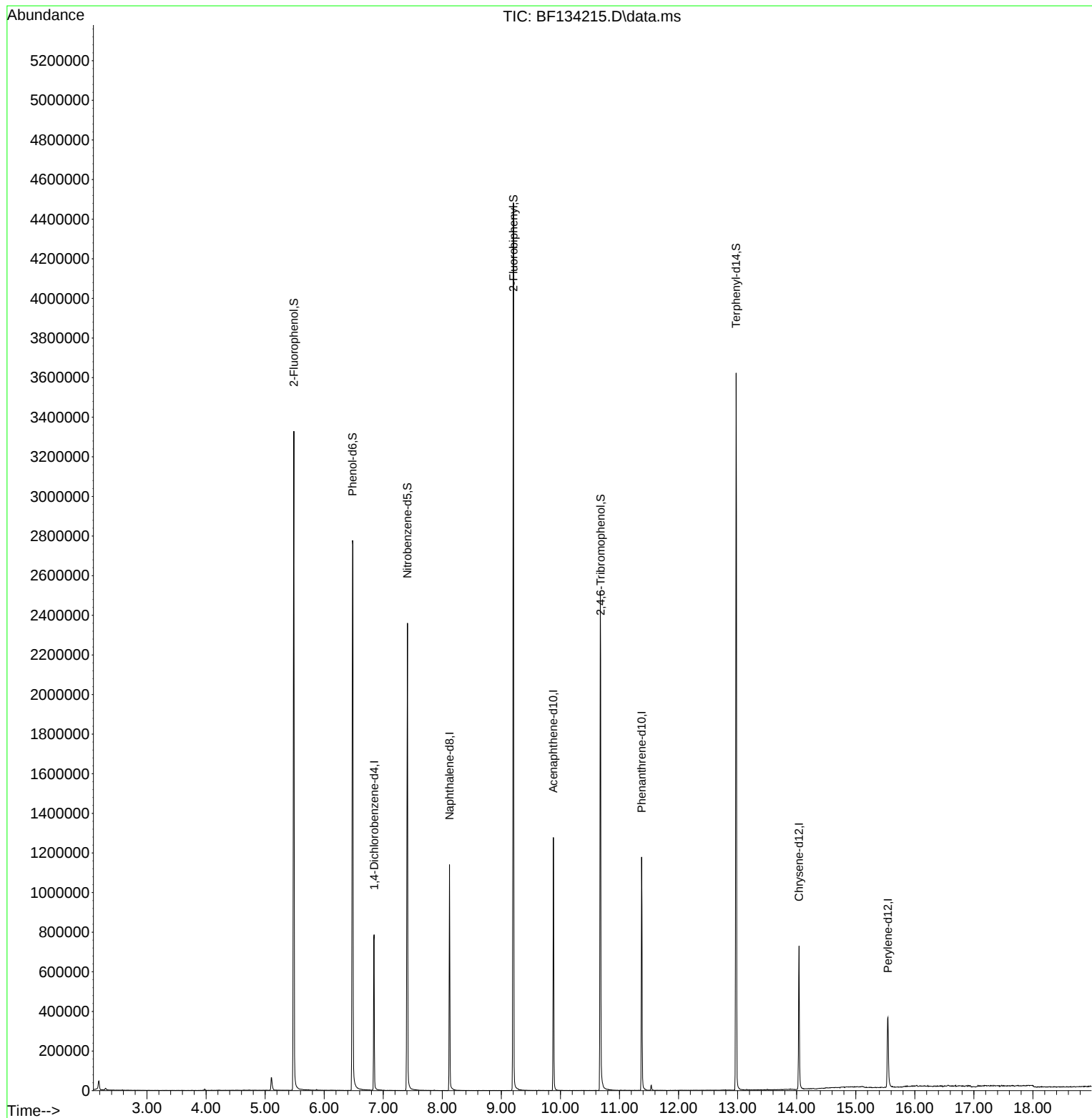
Target Compounds	Qvalue

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

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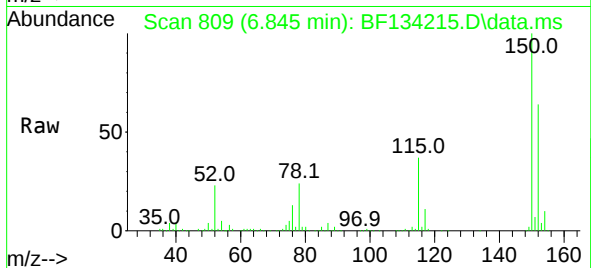
Quant Time: Jul 12 01:05:43 2023
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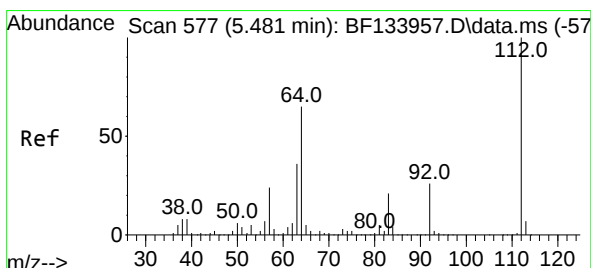
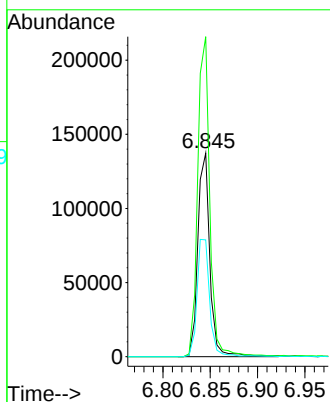
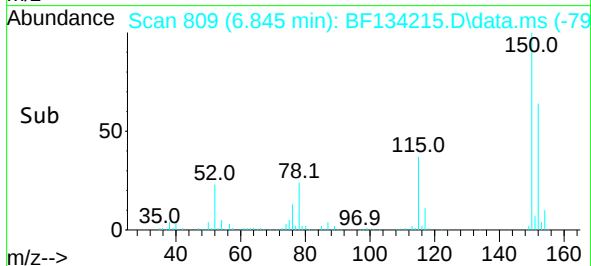


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF134215.D
Acq: 11 Jul 2023 15:40

Instrument :
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ClientSampleId :
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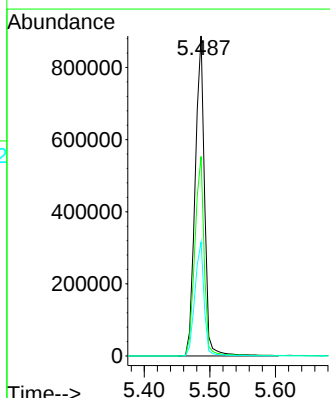
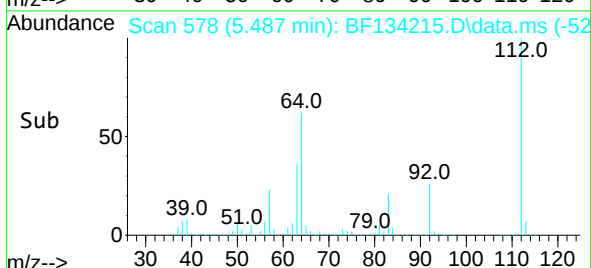
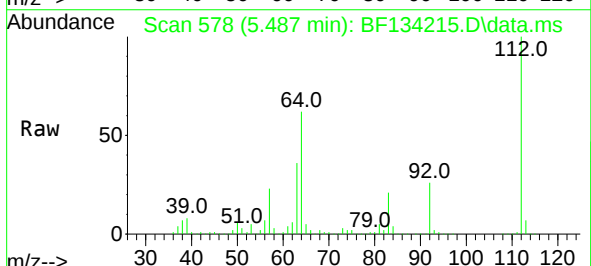


Tgt Ion:152 Resp: 121783
Ion Ratio Lower Upper
152 100
150 157.2 124.5 186.7
115 57.4 50.2 75.2



#5
2-Fluorophenol
Concen: 122.024 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.012 min
Lab File: BF134215.D
Acq: 11 Jul 2023 15:40

Tgt Ion:112 Resp: 888376
Ion Ratio Lower Upper
112 100
64 62.4 52.1 78.1
63 35.6 28.6 42.8



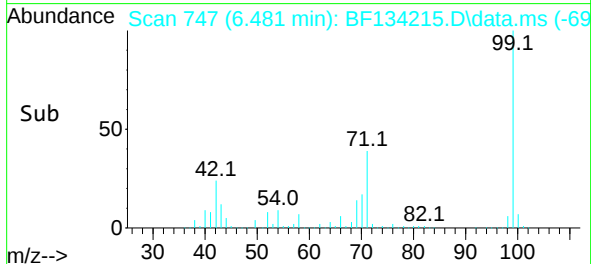
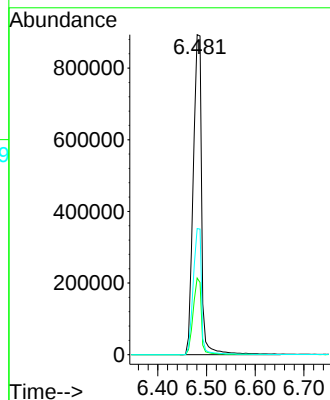
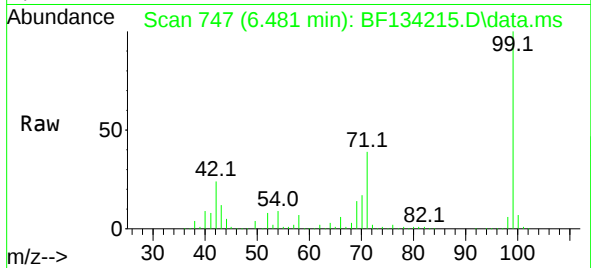


#7
Phenol-d6
Concen: 120.791 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134215.D
Acq: 11 Jul 2023 15:40

Instrument :
BNA_F
ClientSampleId :
PB153608TB

Tgt Ion: 99 Resp: 1081485

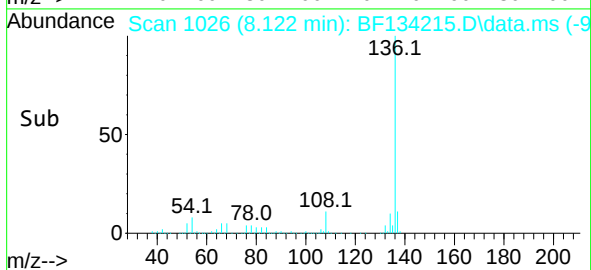
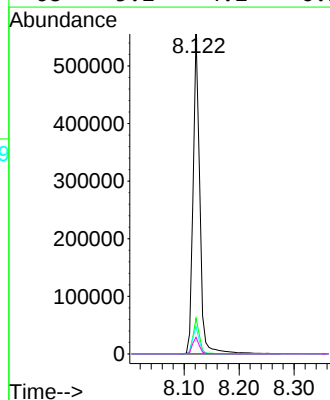
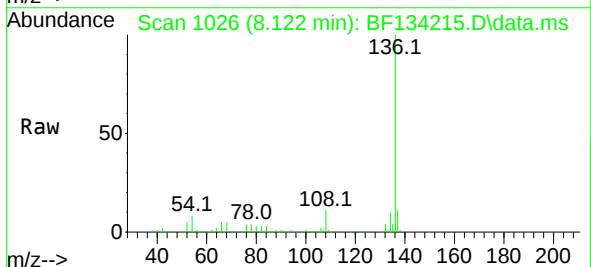
Ion	Ratio	Lower	Upper
99	100		
42	24.0	19.8	29.6
71	39.4	31.9	47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF134215.D
Acq: 11 Jul 2023 15:40

Tgt Ion: 136 Resp: 471054

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	8.5	6.5	9.7
68	5.2	4.2	6.2

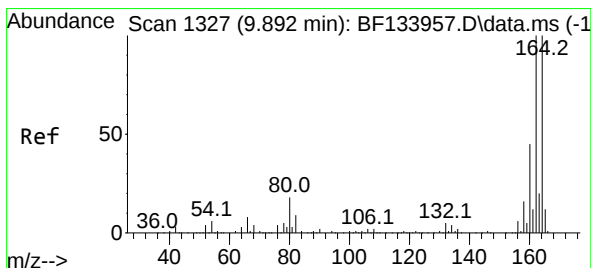
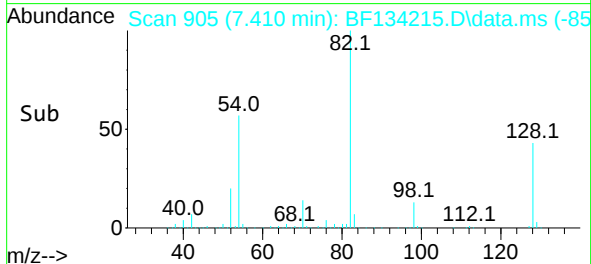
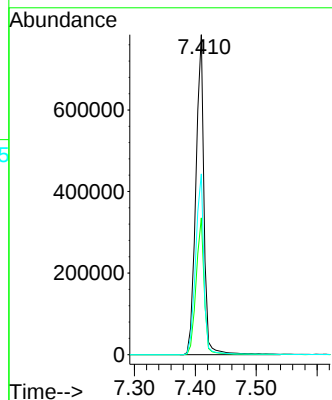
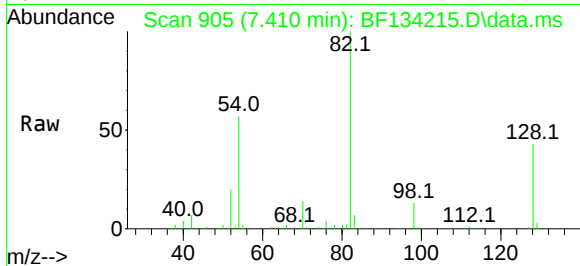




#23
Nitrobenzene-d5
Concen: 83.725 ng
RT: 7.410 min Scan# 906
Delta R.T. -0.000 min
Lab File: BF134215.D
Acq: 11 Jul 2023 15:40

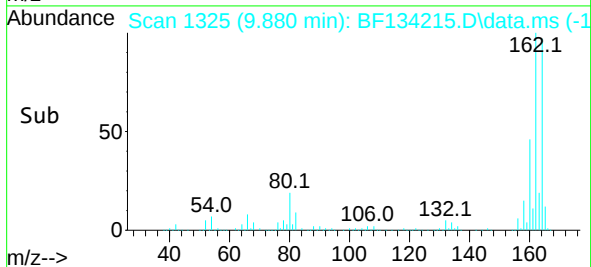
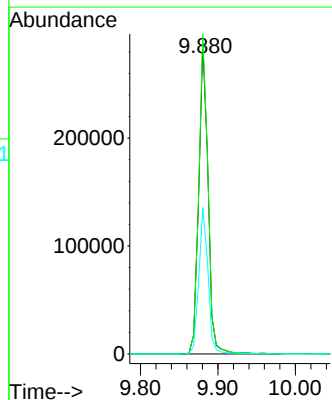
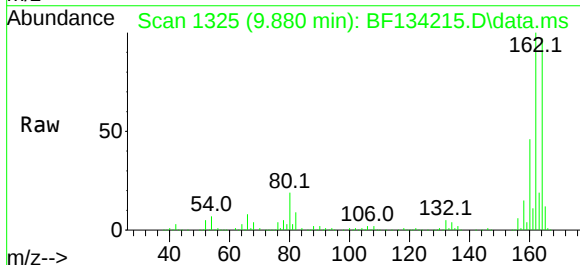
Instrument :
BNA_F
ClientSampleId :
PB153608TB

Tgt Ion: 82 Resp: 731632
Ion Ratio Lower Upper
82 100
128 42.7 32.5 48.7
54 56.5 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF134215.D
Acq: 11 Jul 2023 15:40

Tgt Ion:164 Resp: 241402
Ion Ratio Lower Upper
164 100
162 103.1 80.0 120.0
160 47.2 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 112.120 ng

RT: 10.680 min Scan# 1461

Delta R.T. -0.000 min

Lab File: BF134215.D

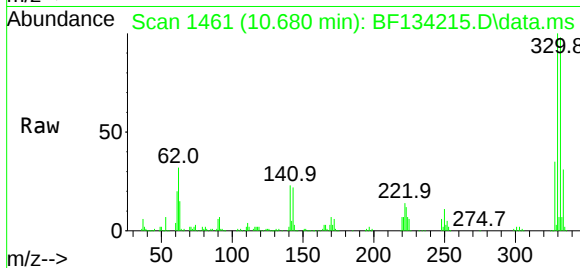
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Instrument :

BNA_F

ClientSampleId :

PB153608TB



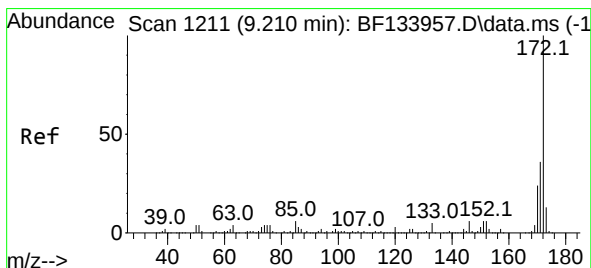
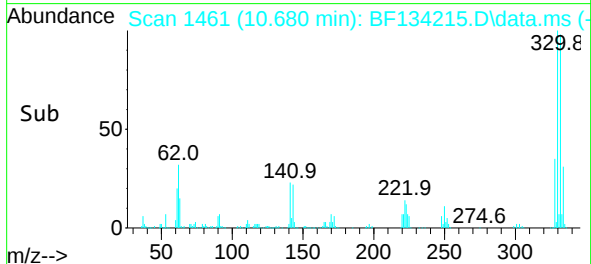
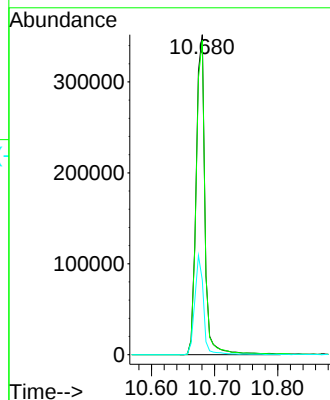
Tgt Ion:330 Resp: 339354

Ion Ratio Lower Upper

330 100

332 98.0 77.0 115.6

141 30.7 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 81.782 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.000 min

Lab File: BF134215.D

Acq: 11 Jul 2023 15:40

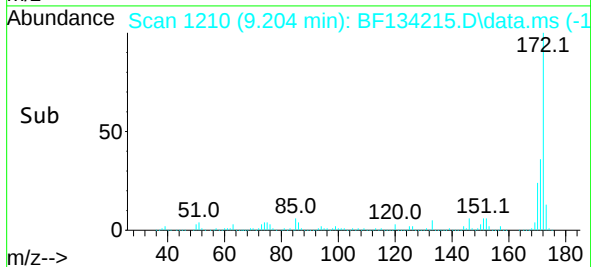
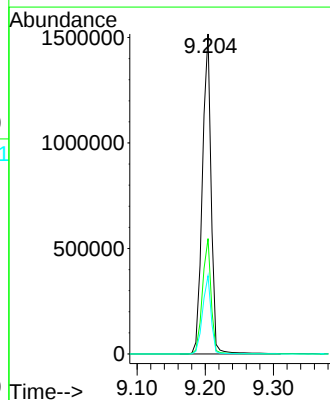
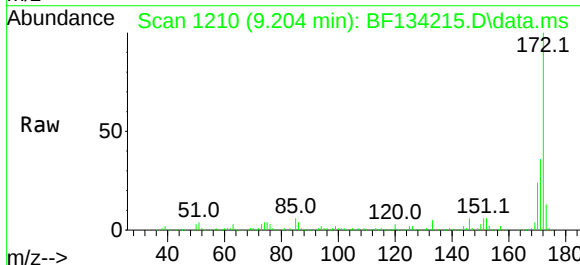
Tgt Ion:172 Resp: 1357893

Ion Ratio Lower Upper

172 100

171 36.1 28.6 43.0

170 24.4 19.4 29.0

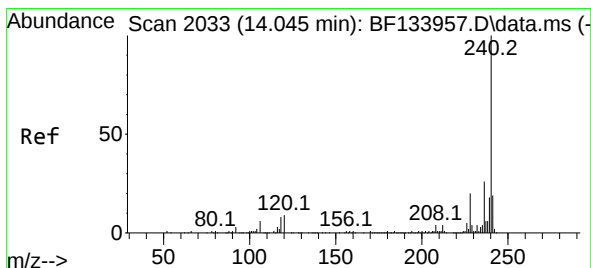
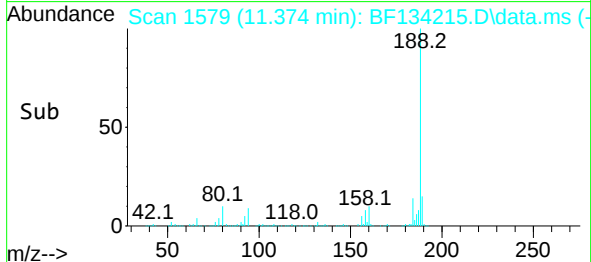
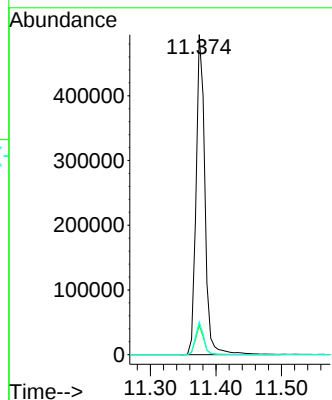
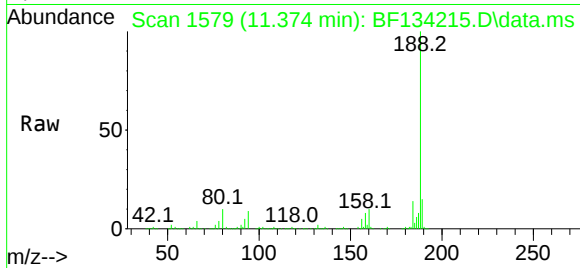




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134215.D
Acq: 11 Jul 2023 15:40

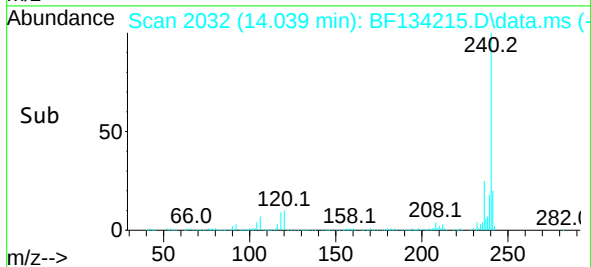
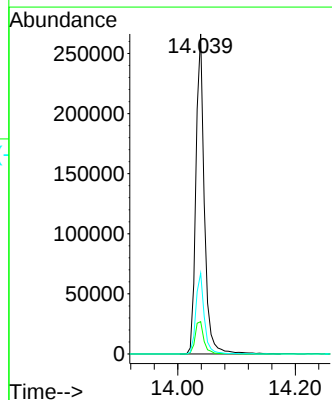
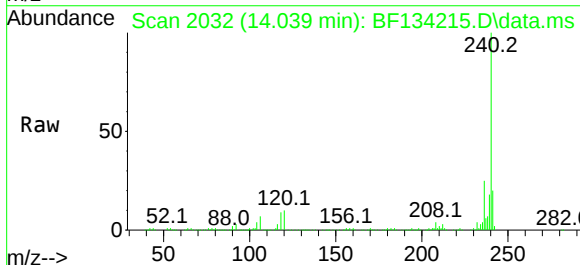
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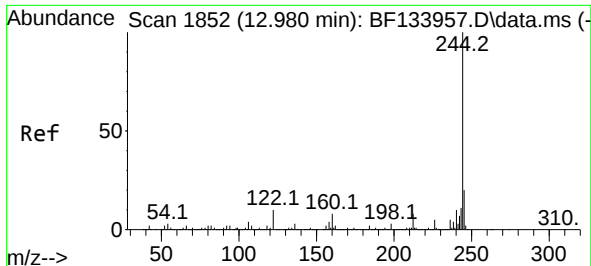
Tgt Ion:188 Resp: 464031
Ion Ratio Lower Upper
188 100
94 9.2 6.4 9.6
80 10.2 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF134215.D
Acq: 11 Jul 2023 15:40

Tgt Ion:240 Resp: 265120
Ion Ratio Lower Upper
240 100
120 10.1 7.4 11.0
236 25.3 21.0 31.6

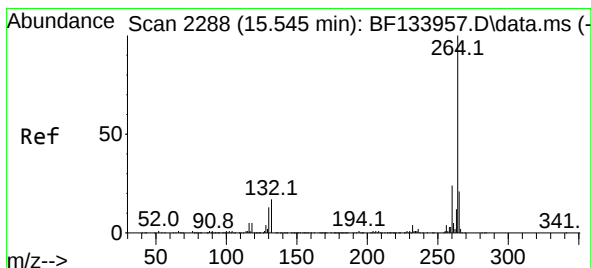
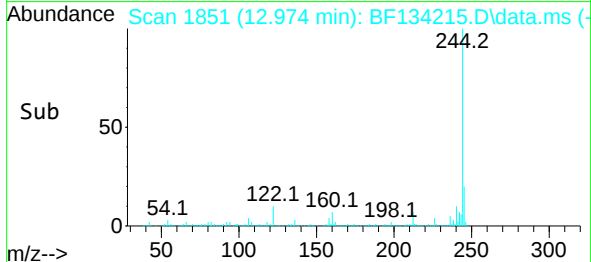
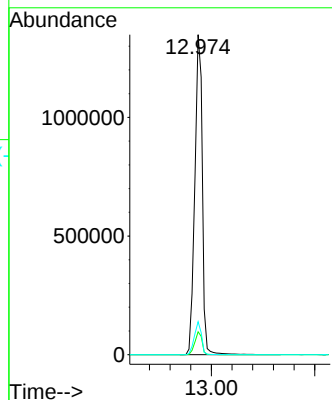
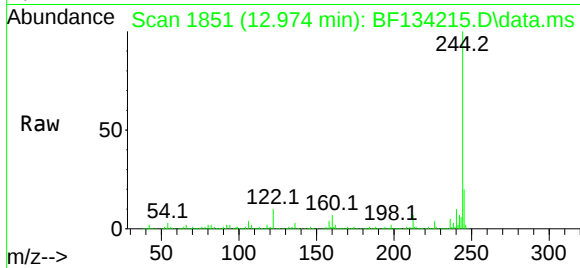




#79
 Terphenyl-d14
 Concen: 82.473 ng
 RT: 12.974 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF134215.D
 Acq: 11 Jul 2023 15:40

Instrument :
 BNA_F
 ClientSampleId :
 PB153608TB

Tgt Ion:244 Resp: 1358577
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 10.3 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2288
 Delta R.T. -0.000 min
 Lab File: BF134215.D
 Acq: 11 Jul 2023 15:40

Tgt Ion:264 Resp: 206843
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 20.9 16.6 25.0

