

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
 Data File : BF134310.D
 Acq On : 15 Jul 2023 02:37
 Operator : CG\JU
 Sample : 03597-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-45-(2-5)

Quant Time: Jul 15 03:00:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	78466	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	294248	20.000	ng	# 0.00
39) Acenaphthene-d10	9.880	164	142387	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	266071	20.000	ng	0.00
76) Chrysene-d12	14.033	240	180325	20.000	ng	0.00
86) Perylene-d12	15.539	264	143044	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	356369	75.972	ng	0.00
7) Phenol-d6	6.475	99	431894	74.868	ng	-0.01
23) Nitrobenzene-d5	7.404	82	288446	52.842	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	136483	76.450	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	510731	52.150	ng	0.00
79) Terphenyl-d14	12.968	244	486847	43.452	ng	0.00

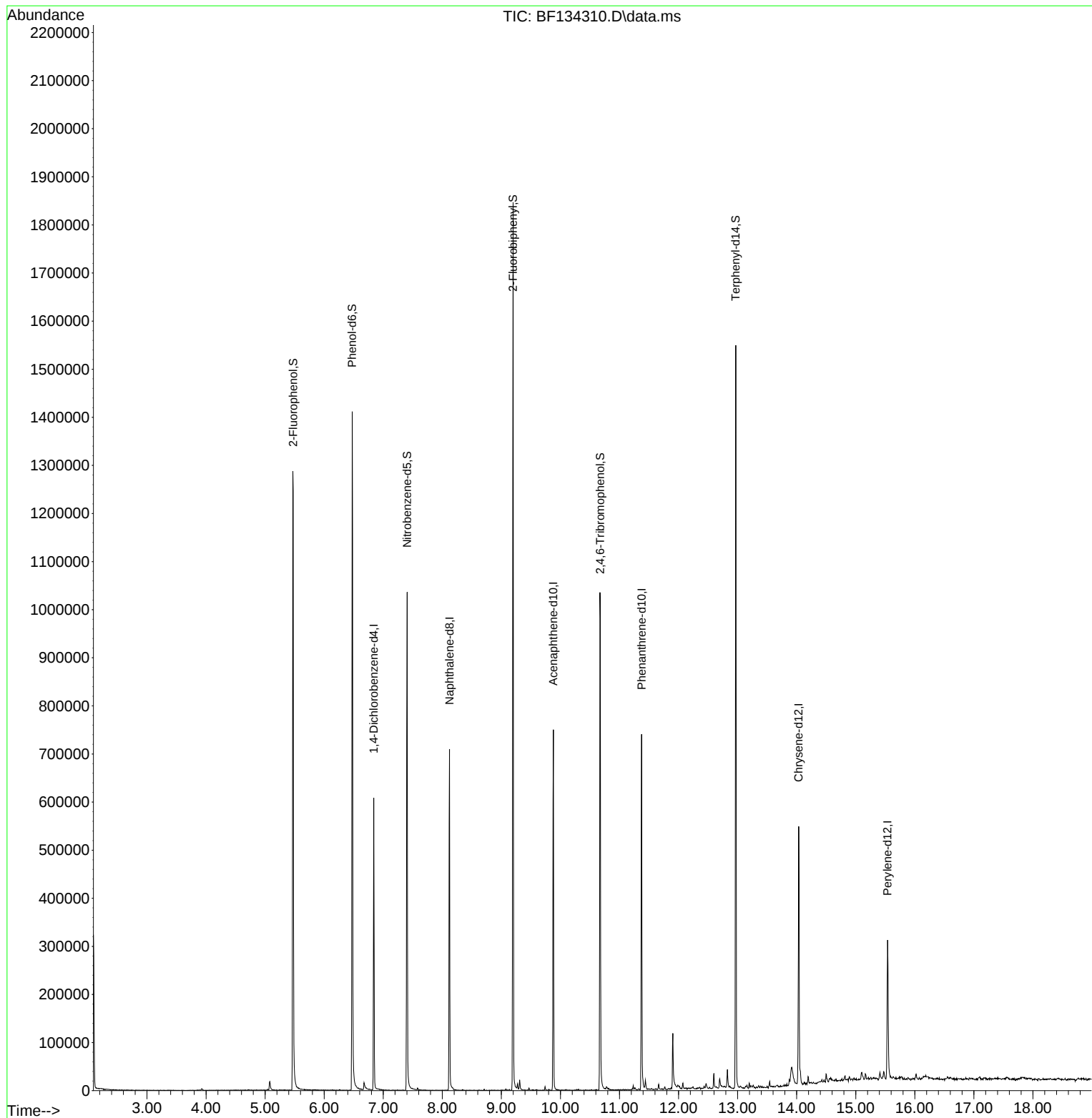
Target Compounds	Qvalue

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

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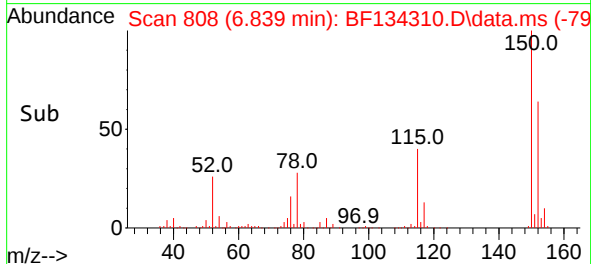
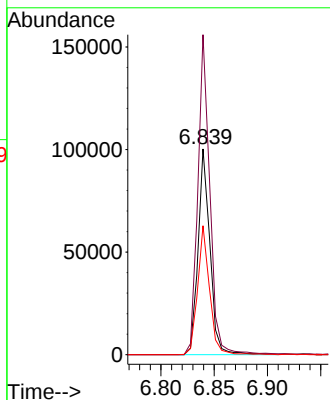
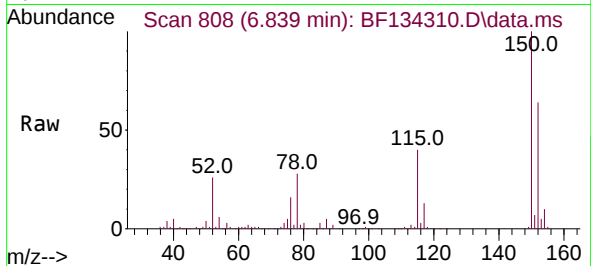




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134310.D
Acq: 15 Jul 2023 02:37

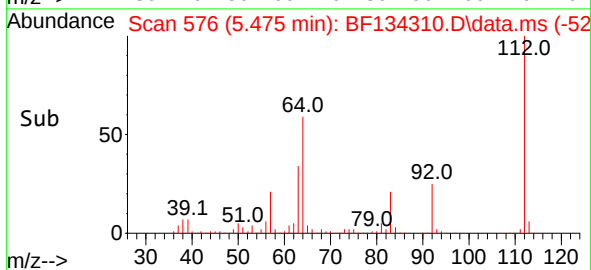
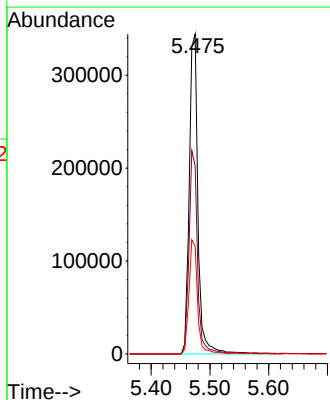
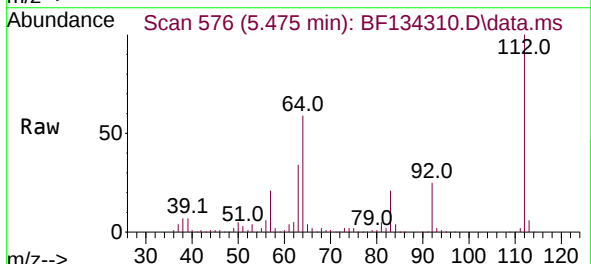
Instrument :
BNA_F
ClientSampleId :
RB-45-(2-5)

Tgt Ion:152 Resp: 78466
Ion Ratio Lower Upper
152 100
150 155.5 124.5 186.7
115 62.7 50.2 75.2



#5
2-Fluorophenol
Concen: 75.972 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.006 min
Lab File: BF134310.D
Acq: 15 Jul 2023 02:37

Tgt Ion:112 Resp: 356369
Ion Ratio Lower Upper
112 100
64 58.8 52.1 78.1
63 33.6 28.6 42.8

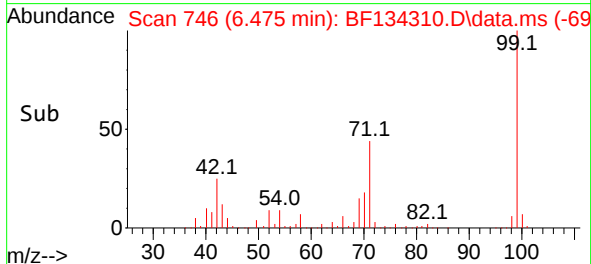
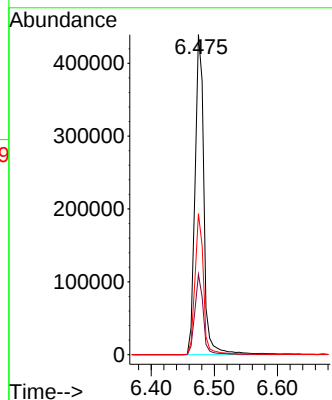
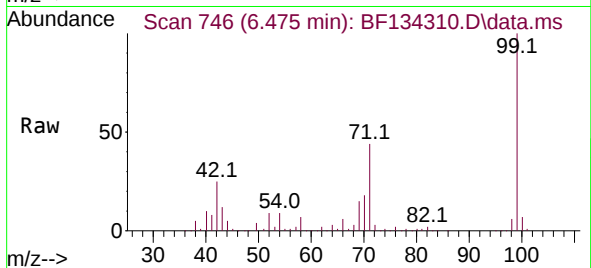




#7
Phenol-d6
Concen: 74.868 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134310.D
Acq: 15 Jul 2023 02:37

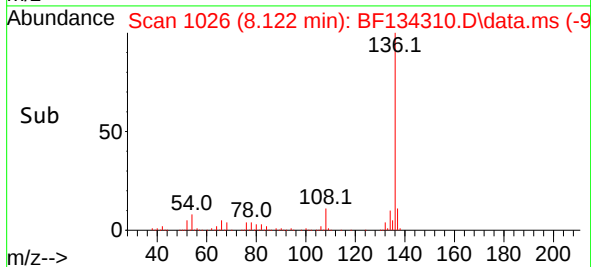
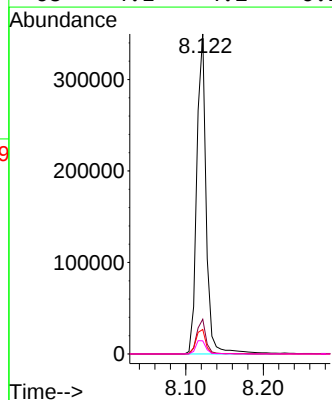
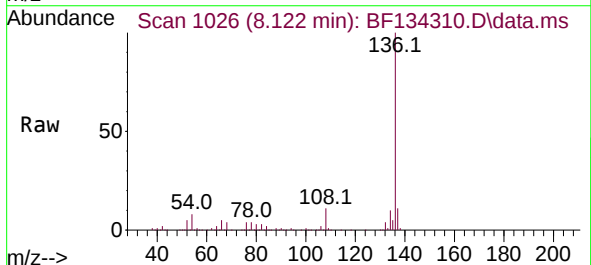
Instrument :
BNA_F
ClientSampleId :
RB-45-(2-5)

Tgt Ion: 99 Resp: 431894
Ion Ratio Lower Upper
99 100
42 25.1 19.8 29.6
71 44.1 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF134310.D
Acq: 15 Jul 2023 02:37

Tgt Ion: 136 Resp: 294248
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 7.7 6.5 9.7
68 4.1 4.2 6.2#

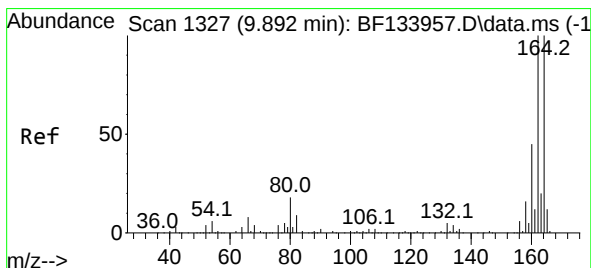
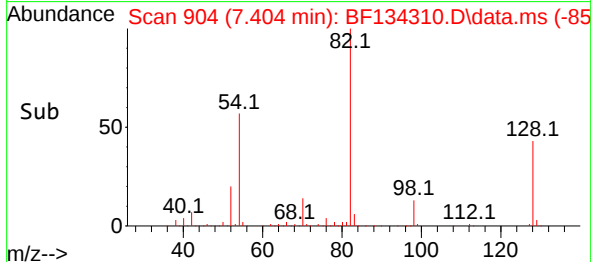
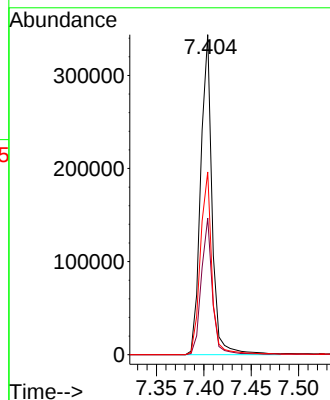
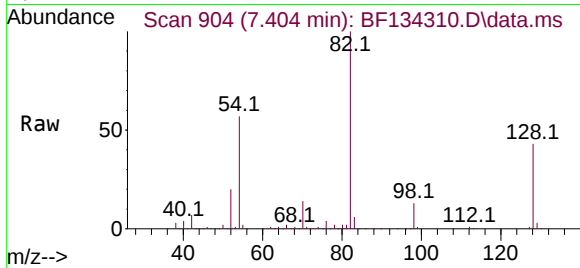




#23
Nitrobenzene-d5
Concen: 52.842 ng
RT: 7.404 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF134310.D
Acq: 15 Jul 2023 02:37

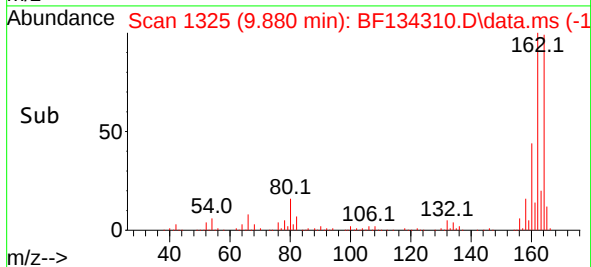
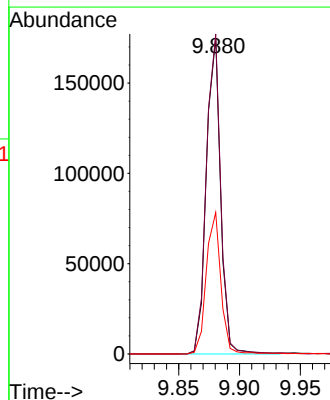
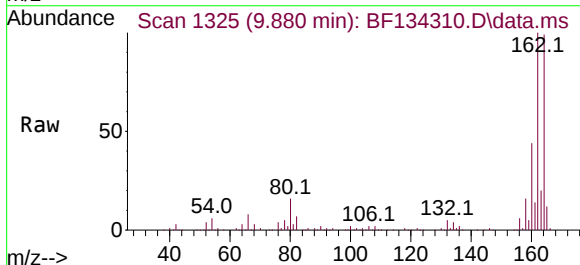
Instrument :
BNA_F
ClientSampleId :
RB-45-(2-5)

Tgt Ion: 82 Resp: 288446
Ion Ratio Lower Upper
82 100
128 42.7 32.5 48.7
54 57.1 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF134310.D
Acq: 15 Jul 2023 02:37

Tgt Ion:164 Resp: 142387
Ion Ratio Lower Upper
164 100
162 101.3 80.0 120.0
160 44.8 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 76.450 ng

RT: 10.675 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF134310.D

Acq: 15 Jul 2023 02:37

Instrument :

BNA_F

ClientSampleId :

RB-45-(2-5)

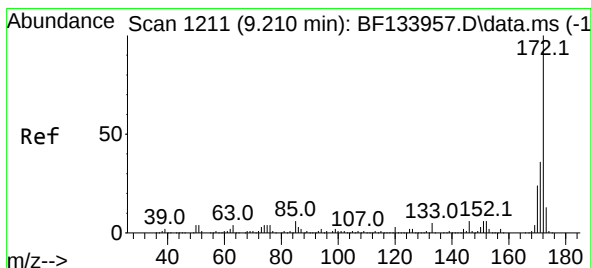
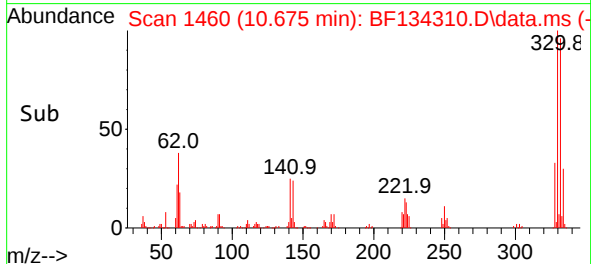
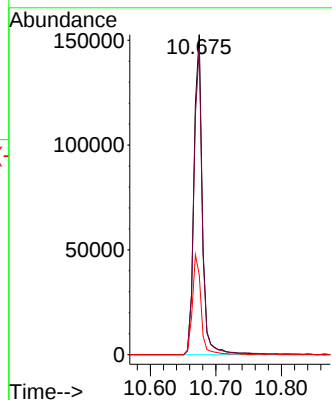
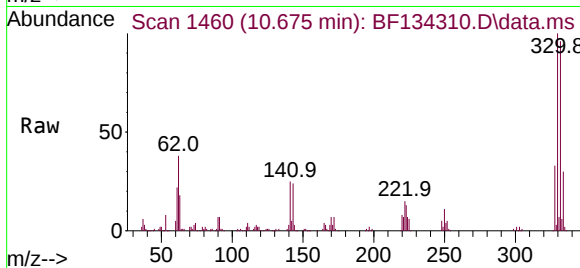
Tgt Ion:330 Resp: 136483

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.6

141 32.0 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 52.150 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF134310.D

Acq: 15 Jul 2023 02:37

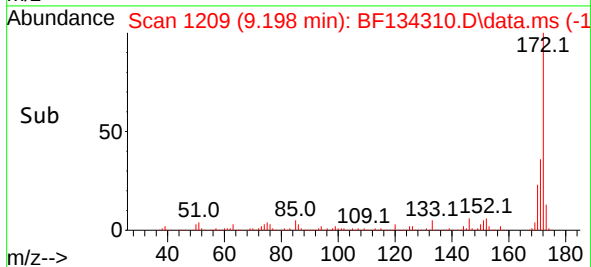
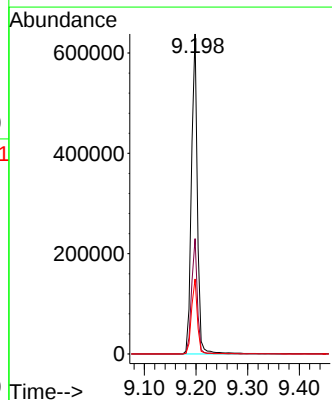
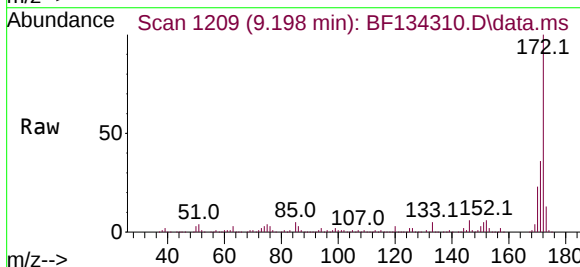
Tgt Ion:172 Resp: 510731

Ion Ratio Lower Upper

172 100

171 36.0 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. 0.000 min

Lab File: BF134310.D

Acq: 15 Jul 2023 02:37

Instrument :

BNA_F

ClientSampleId :

RB-45-(2-5)

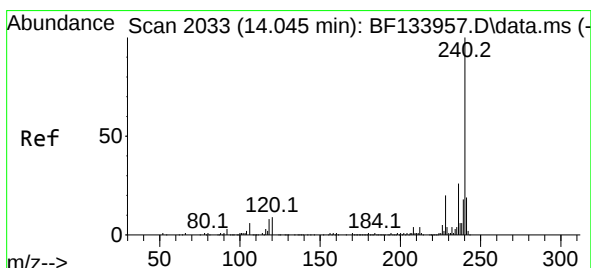
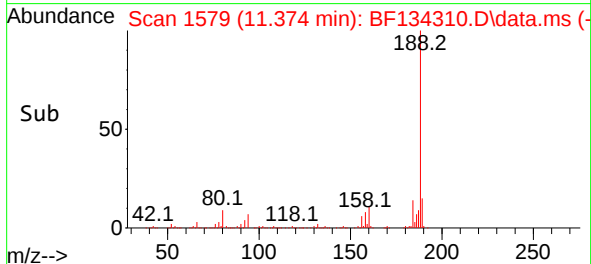
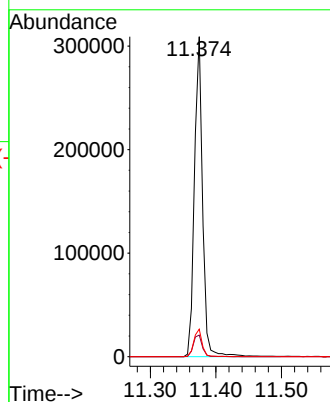
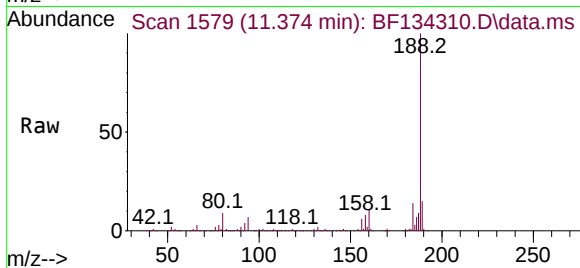
Tgt Ion:188 Resp: 266071

Ion Ratio Lower Upper

188 100

94 6.8 6.4 9.6

80 8.6 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF134310.D

Acq: 15 Jul 2023 02:37

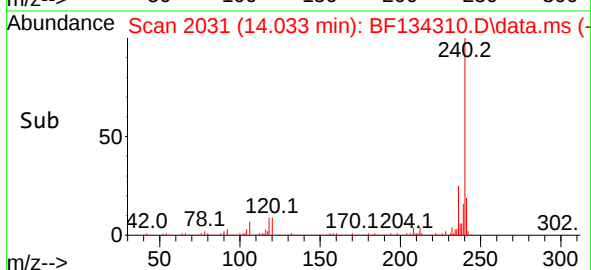
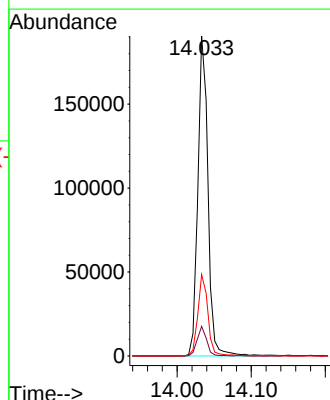
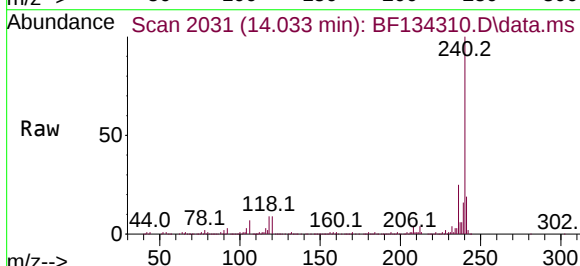
Tgt Ion:240 Resp: 180325

Ion Ratio Lower Upper

240 100

120 9.3 7.4 11.0

236 25.5 21.0 31.6

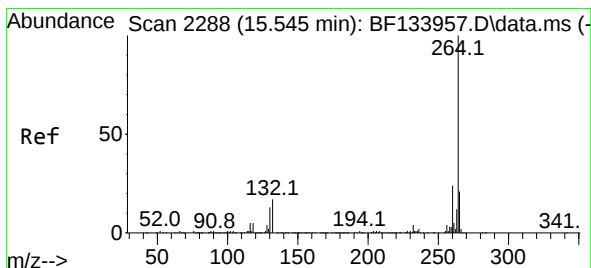
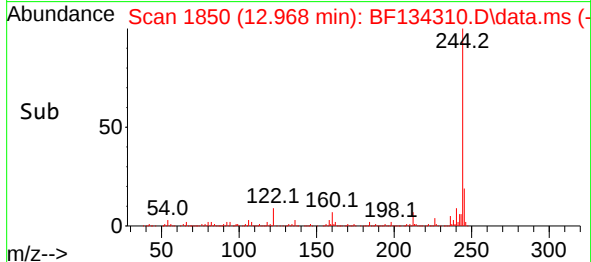
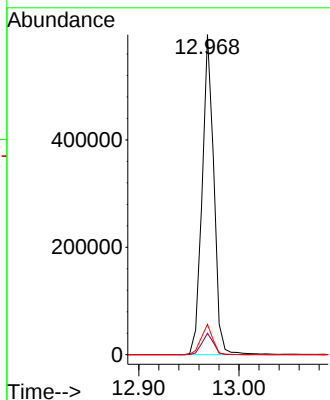
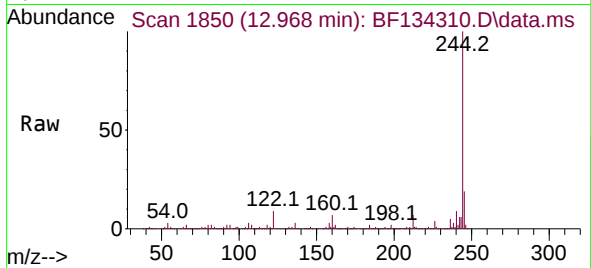




#79
 Terphenyl-d14
 Concen: 43.452 ng
 RT: 12.968 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF134310.D
 Acq: 15 Jul 2023 02:37

Instrument :
 BNA_F
 ClientSampleId :
 RB-45-(2-5)

Tgt Ion:244 Resp: 486847
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 9.5 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. -0.006 min
 Lab File: BF134310.D
 Acq: 15 Jul 2023 02:37

Tgt Ion:264 Resp: 143044
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.5 29.3
 265 21.9 16.6 25.0

