

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
 Data File : BF134210.D
 Acq On : 11 Jul 2023 12:54
 Operator : CG\JU
 Sample : PB153930TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153930TB

Quant Time: Jul 12 01:03:15 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	123979	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	495677	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	199959	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	400966	20.000	ng	0.00
76) Chrysene-d12	14.039	240	215890	20.000	ng	0.00
86) Perylene-d12	15.545	264	208363	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	916658	123.679	ng	0.01
7) Phenol-d6	6.486	99	1075011	117.941	ng	0.00
23) Nitrobenzene-d5	7.410	82	726470	79.004	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	304578	121.487	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1175463	85.467	ng	0.00
79) Terphenyl-d14	12.980	244	1278142	95.283	ng	0.00

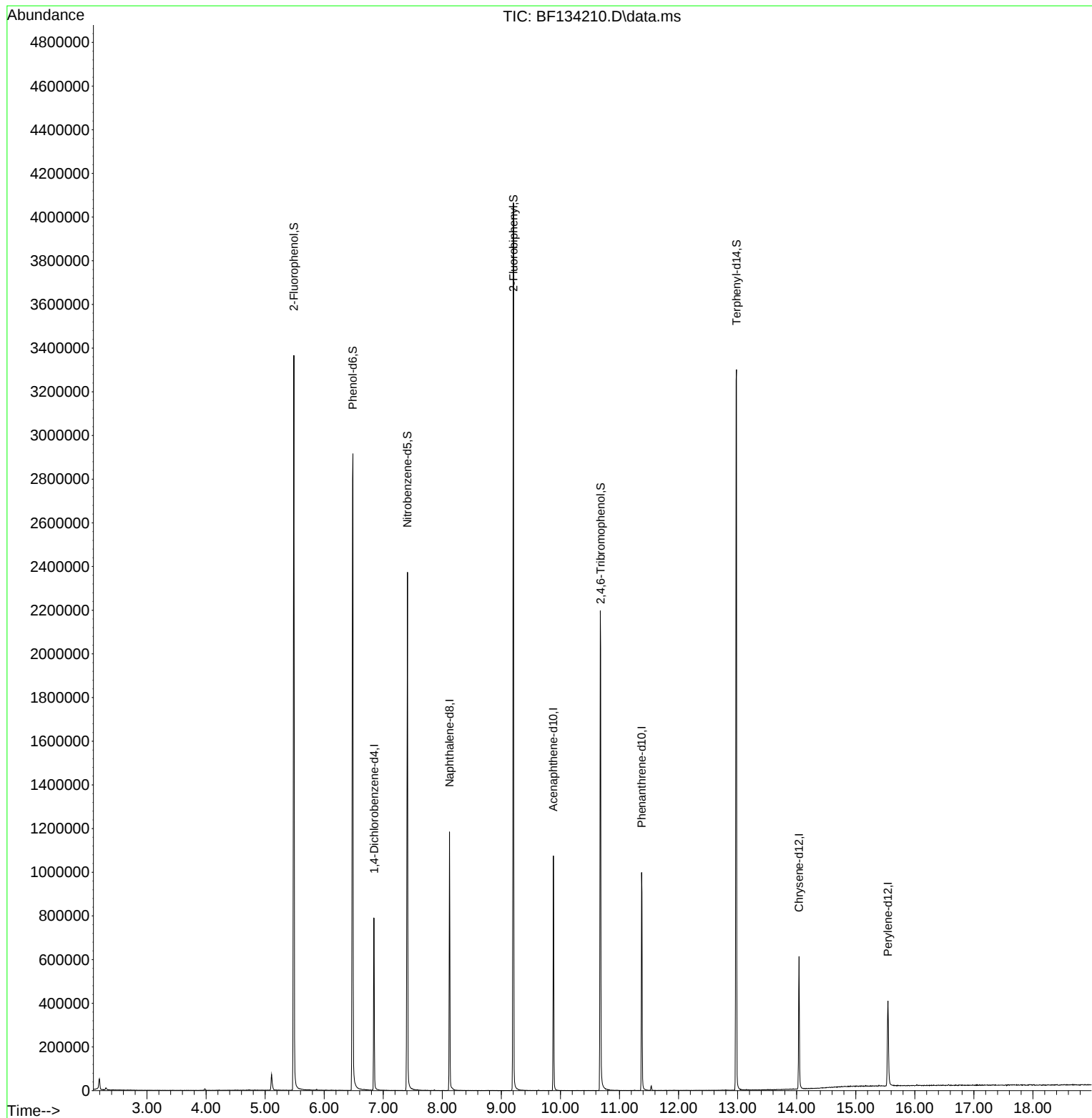
Target Compounds	Qvalue

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

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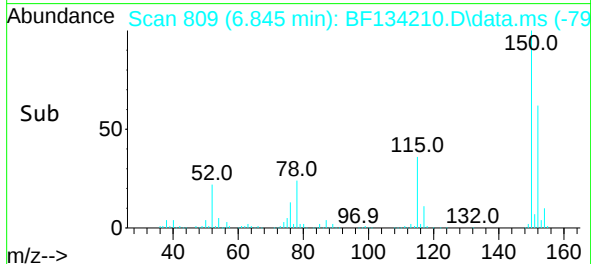
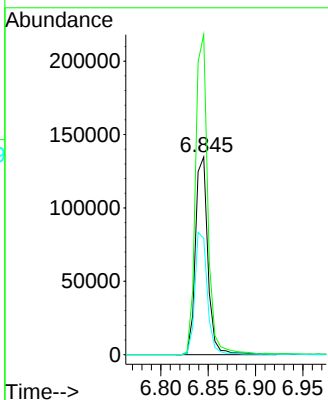
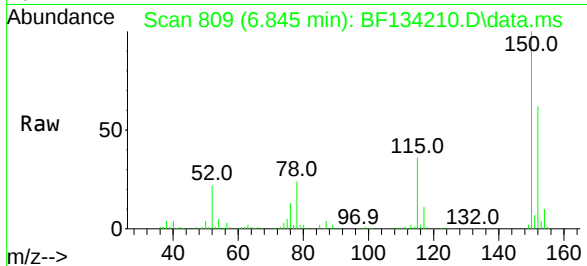




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF134210.D
Acq: 11 Jul 2023 12:54

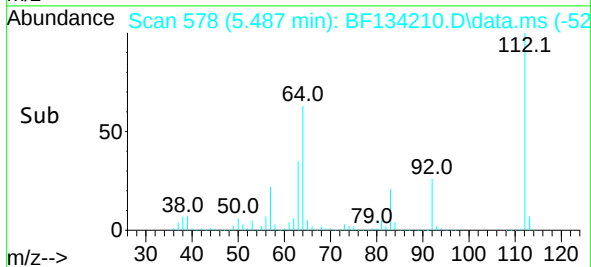
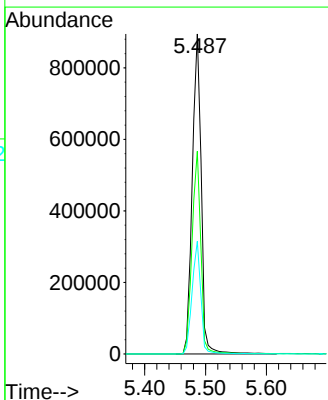
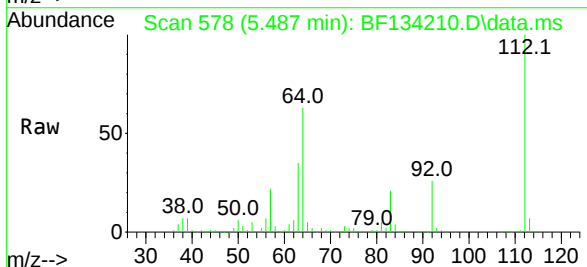
Instrument :
BNA_F
ClientSampleId :
PB153930TB

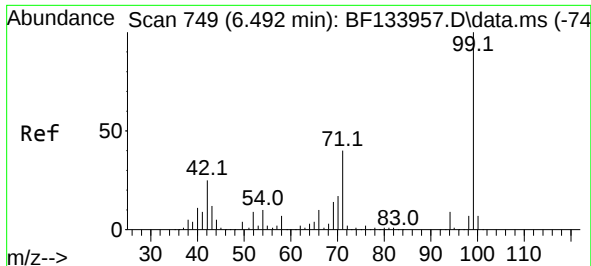
Tgt Ion:152 Resp: 123979
Ion Ratio Lower Upper
152 100
150 161.8 124.5 186.7
115 58.8 50.2 75.2



#5
2-Fluorophenol
Concen: 123.679 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.012 min
Lab File: BF134210.D
Acq: 11 Jul 2023 12:54

Tgt Ion:112 Resp: 916658
Ion Ratio Lower Upper
112 100
64 63.3 52.1 78.1
63 35.2 28.6 42.8

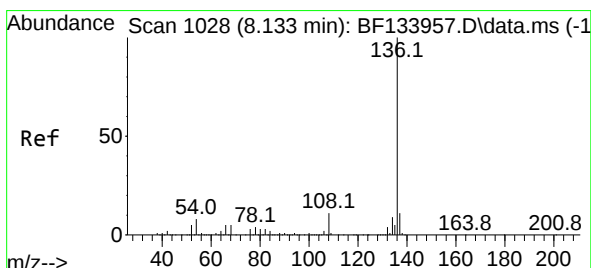
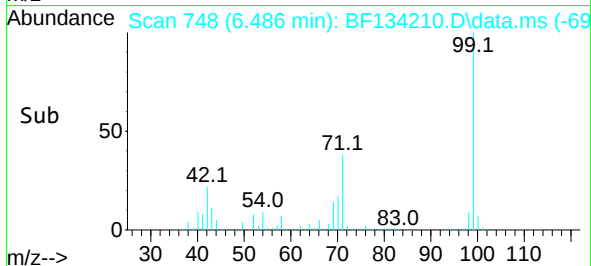
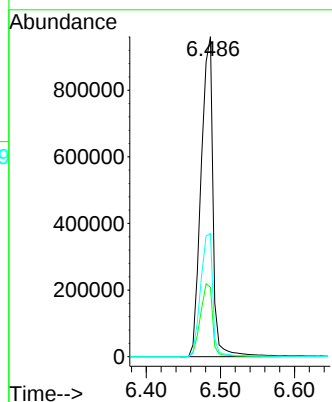
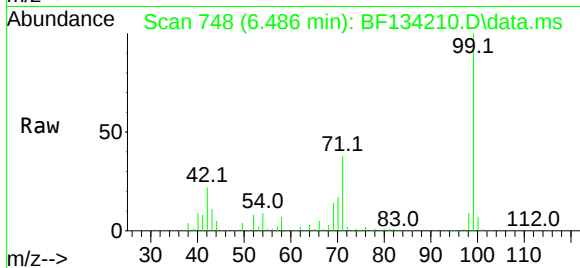




#7
Phenol-d6
Concen: 117.941 ng
RT: 6.486 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF134210.D
Acq: 11 Jul 2023 12:54

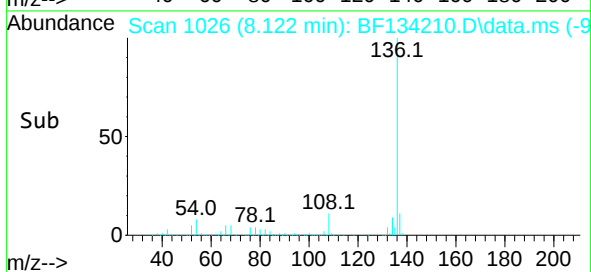
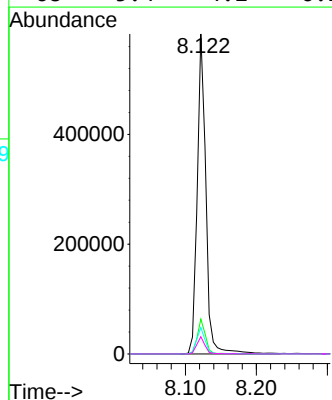
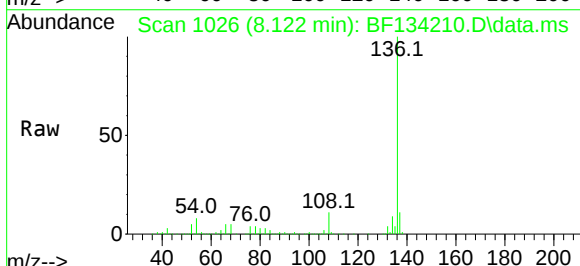
Instrument :
BNA_F
ClientSampleId :
PB153930TB

Tgt Ion: 99 Resp: 1075011
Ion Ratio Lower Upper
99 100
42 21.7 19.8 29.6
71 38.4 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: BF134210.D
Acq: 11 Jul 2023 12:54

Tgt Ion: 136 Resp: 495677
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 8.3 6.5 9.7
68 5.4 4.2 6.2





#23

Nitrobenzene-d5

Concen: 79.004 ng

RT: 7.410 min Scan# 906

Delta R.T. -0.000 min

Lab File: BF134210.D

Acq: 11 Jul 2023 12:54

Instrument :

BNA_F

ClientSampleId :

PB153930TB

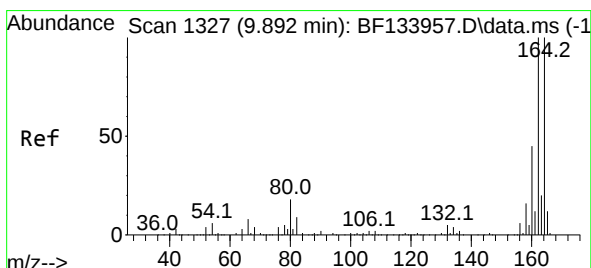
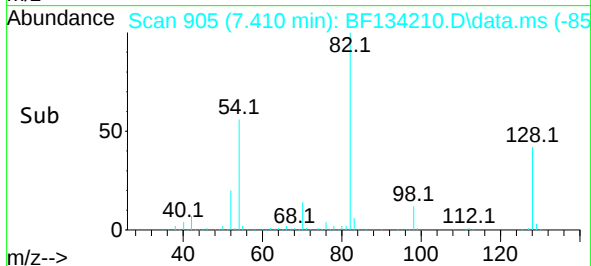
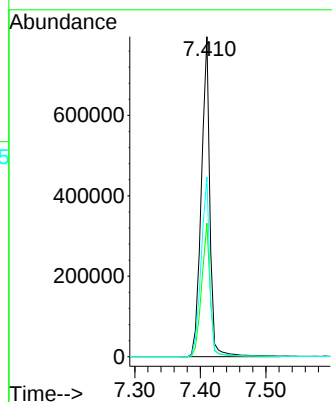
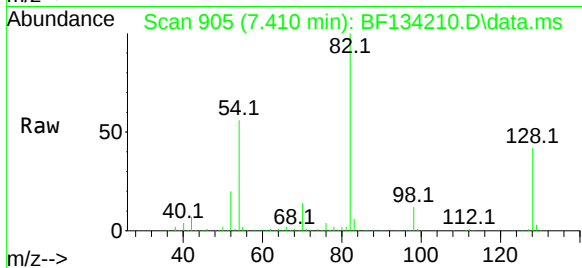
Tgt Ion: 82 Resp: 726470

Ion Ratio Lower Upper

82 100

128 41.7 32.5 48.7

54 56.1 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: BF134210.D

Acq: 11 Jul 2023 12:54

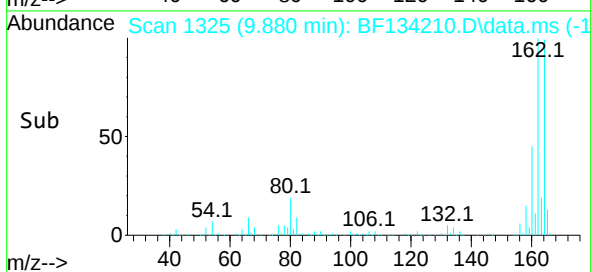
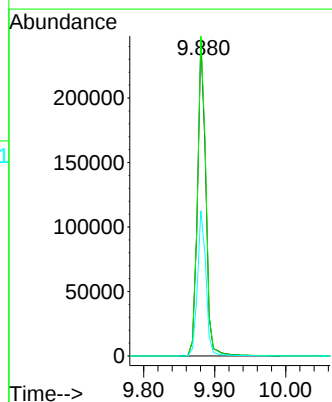
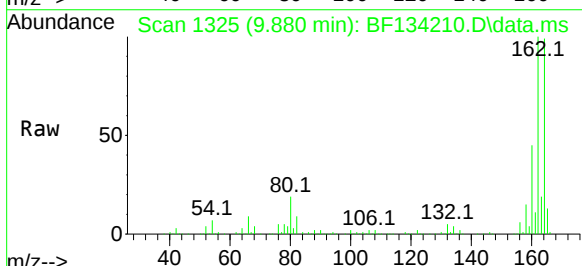
Tgt Ion:164 Resp: 199959

Ion Ratio Lower Upper

164 100

162 101.0 80.0 120.0

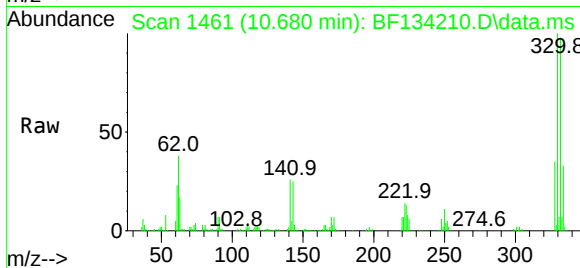
160 45.9 35.9 53.9



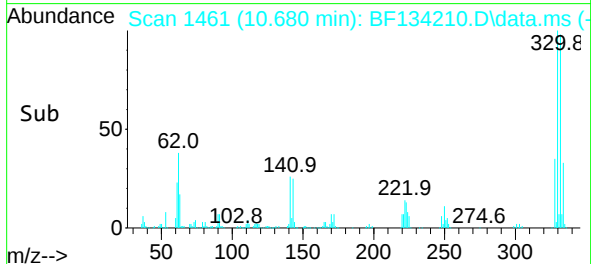
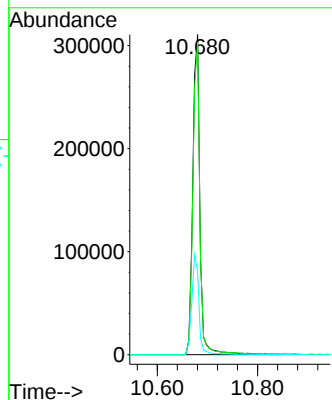


#42
2,4,6-Tribromophenol
Concen: 121.487 ng
RT: 10.680 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BF134210.D
Acq: 11 Jul 2023 12:54

Instrument :
BNA_F
ClientSampleId :
PB153930TB

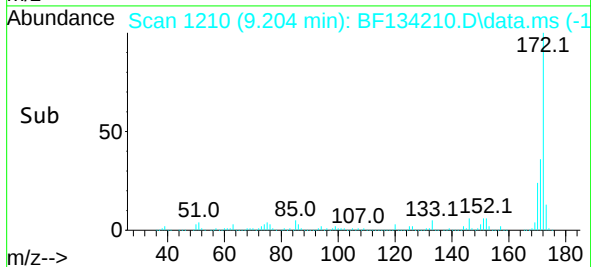
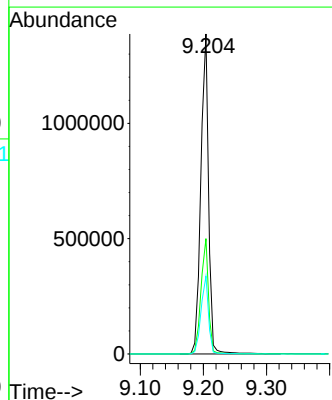
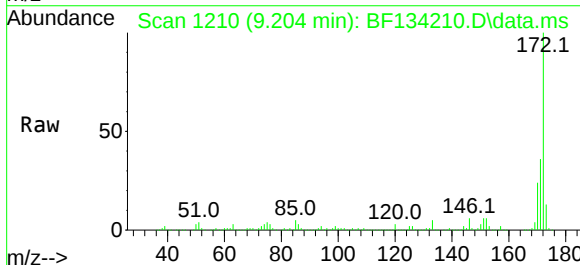


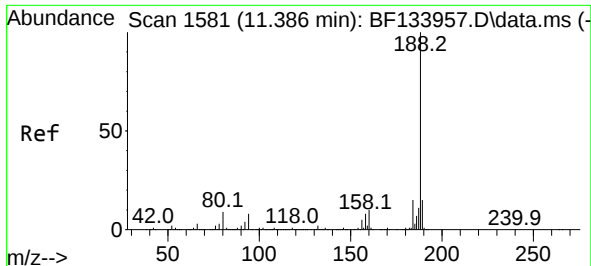
Tgt Ion: 330 Resp: 304578
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.6
141 31.5 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 85.467 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.000 min
Lab File: BF134210.D
Acq: 11 Jul 2023 12:54

Tgt Ion: 172 Resp: 1175463
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 24.3 19.4 29.0

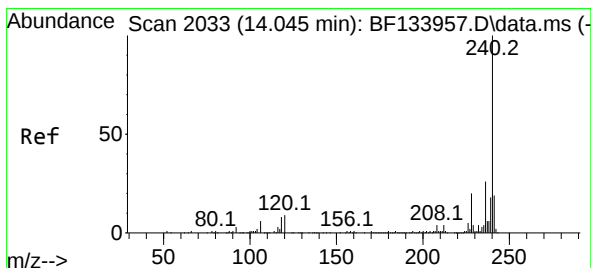
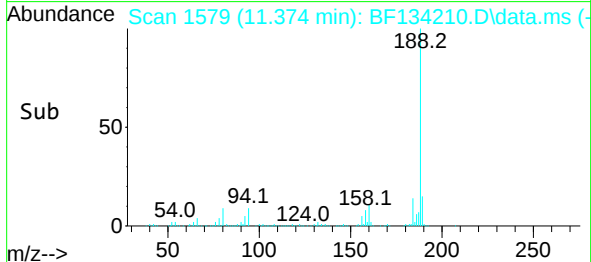
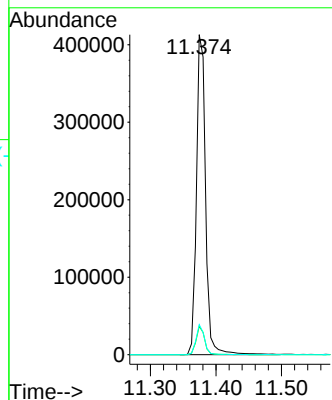
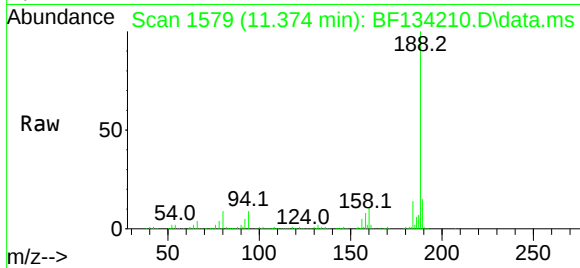




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134210.D
Acq: 11 Jul 2023 12:54

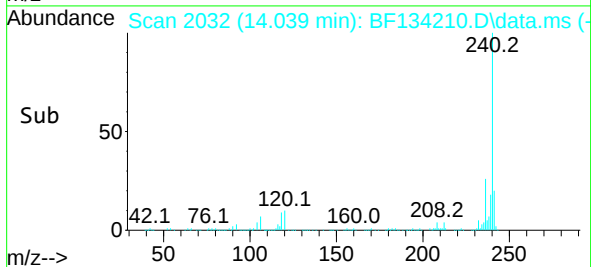
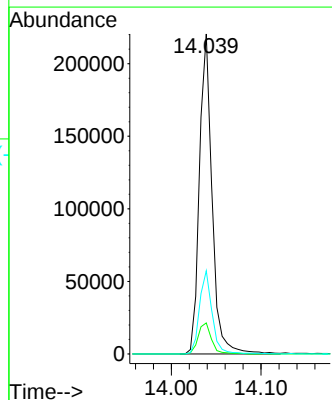
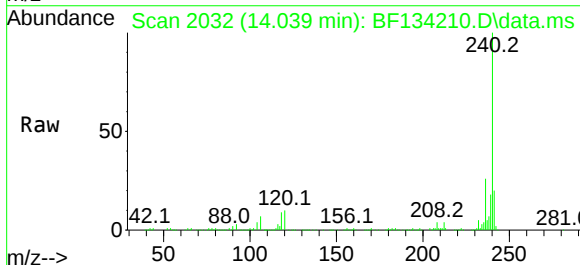
Instrument :
BNA_F
ClientSampleId :
PB153930TB

Tgt Ion:188 Resp: 400966
Ion Ratio Lower Upper
188 100
94 8.9 6.4 9.6
80 9.4 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: BF134210.D
Acq: 11 Jul 2023 12:54

Tgt Ion:240 Resp: 215890
Ion Ratio Lower Upper
240 100
120 9.7 7.4 11.0
236 26.0 21.0 31.6

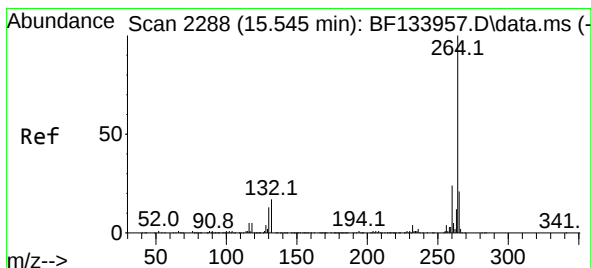
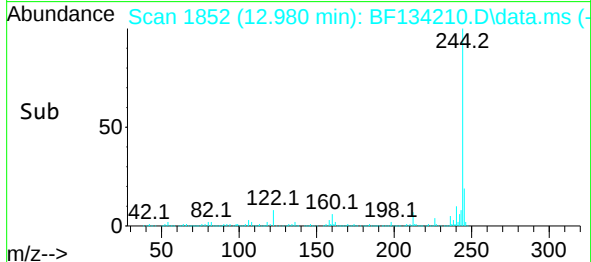
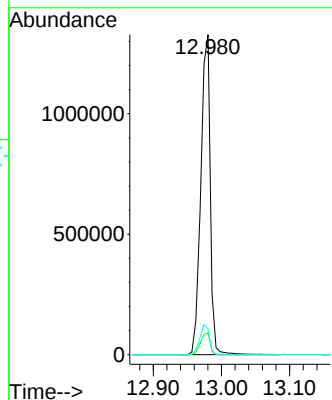
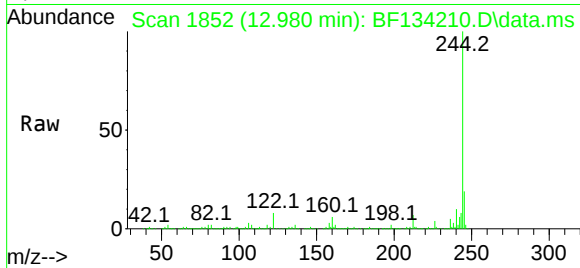




#79
 Terphenyl-d14
 Concen: 95.283 ng
 RT: 12.980 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF134210.D
 Acq: 11 Jul 2023 12:54

Instrument :
 BNA_F
 ClientSampleId :
 PB153930TB

Tgt Ion:244 Resp: 1278142
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 8.0 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: BF134210.D
 Acq: 11 Jul 2023 12:54

Tgt Ion:264 Resp: 208363
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.5 29.3
 265 21.5 16.6 25.0

