

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071823\
 Data File : BF134349.D
 Acq On : 18 Jul 2023 21:23
 Operator : CG\JU
 Sample : 03597-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-49-(2-5)

Quant Time: Jul 19 01:42:11 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	65698	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	250200	20.000	ng	# 0.00
39) Acenaphthene-d10	9.875	164	120652	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	205442	20.000	ng	# 0.00
76) Chrysene-d12	14.027	240	142261	20.000	ng	-0.01
86) Perylene-d12	15.533	264	147493	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	357732	91.084	ng	0.00
7) Phenol-d6	6.481	99	431934	89.426	ng	0.00
23) Nitrobenzene-d5	7.404	82	296807	63.947	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	142438	94.159	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	591528	71.281	ng	-0.01
79) Terphenyl-d14	12.963	244	537938	60.858	ng	-0.01

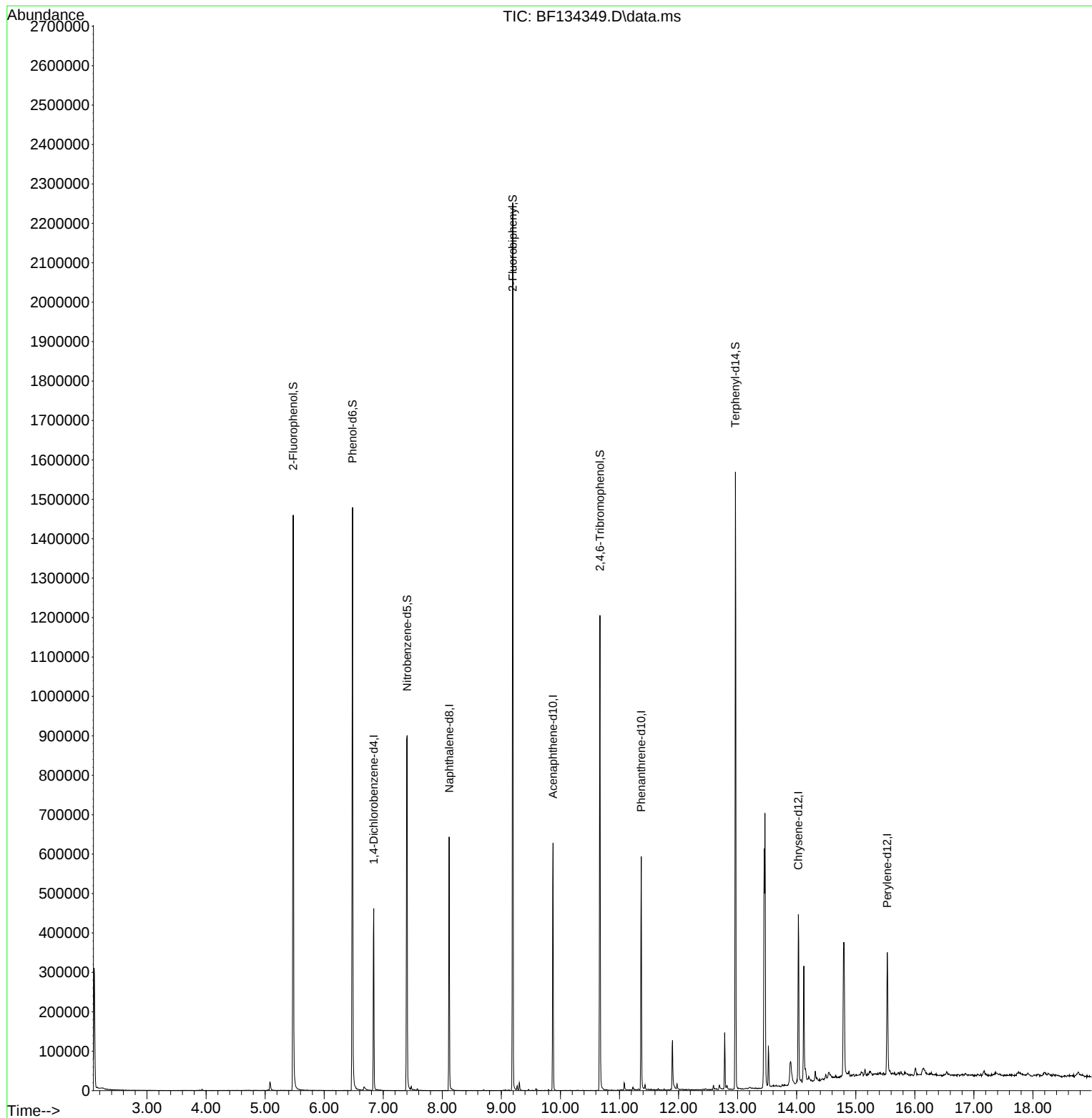
Target Compounds	Qvalue

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

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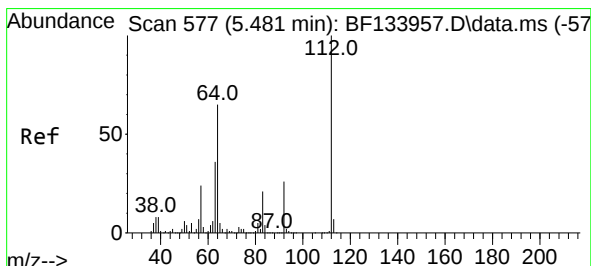
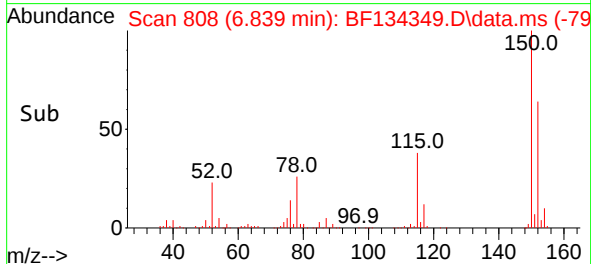
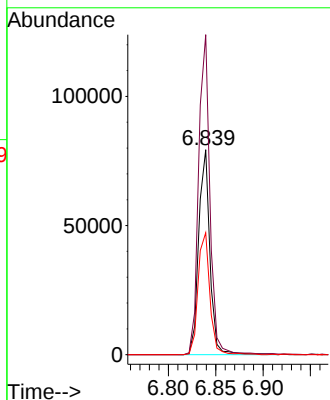
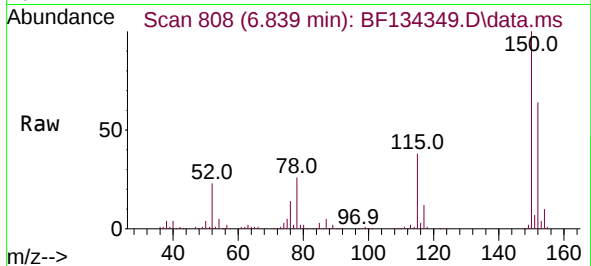




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF134349.D
Acq: 18 Jul 2023 21:23

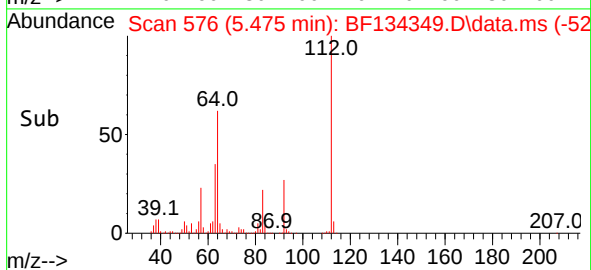
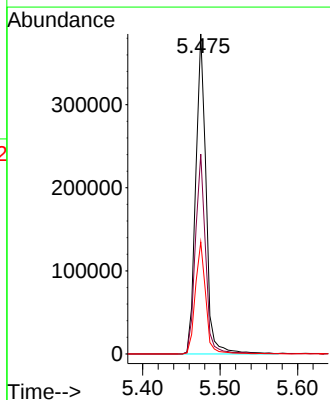
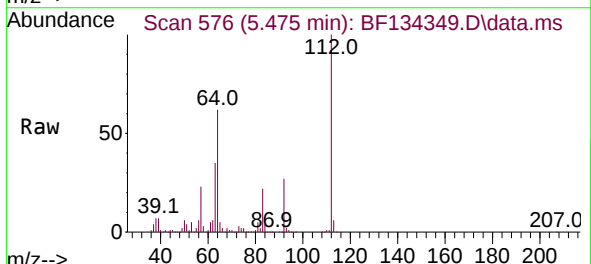
Instrument :
BNA_F
ClientSampleId :
RB-49-(2-5)

Tgt Ion:152 Resp: 65698
Ion Ratio Lower Upper
152 100
150 156.2 124.5 186.7
115 59.5 50.2 75.2



#5
2-Fluorophenol
Concen: 91.084 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.006 min
Lab File: BF134349.D
Acq: 18 Jul 2023 21:23

Tgt Ion:112 Resp: 357732
Ion Ratio Lower Upper
112 100
64 62.4 52.1 78.1
63 35.0 28.6 42.8

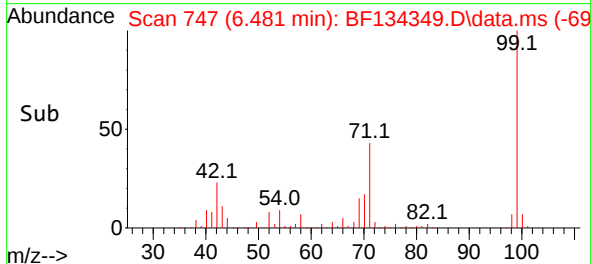
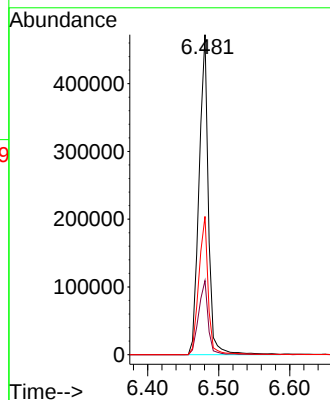
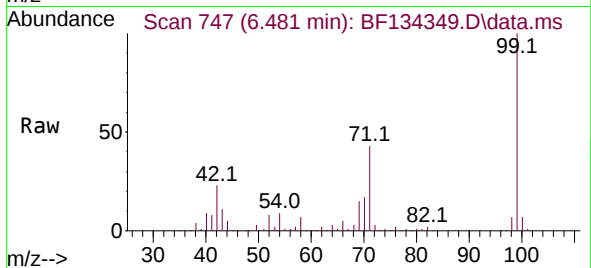




#7
Phenol-d6
Concen: 89.426 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134349.D
Acq: 18 Jul 2023 21:23

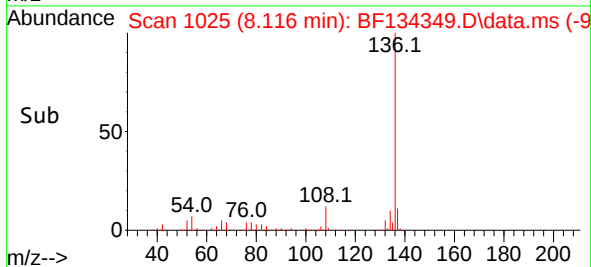
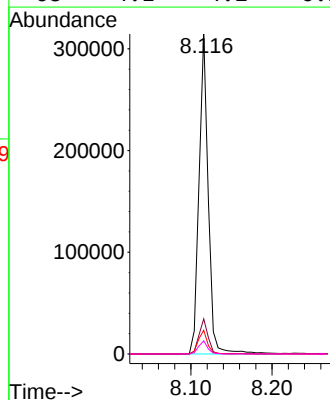
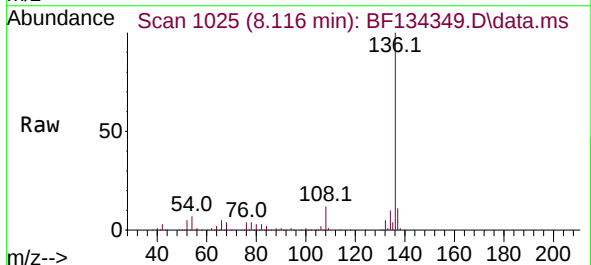
Instrument :
BNA_F
ClientSampleId :
RB-49-(2-5)

Tgt Ion: 99 Resp: 431934
Ion Ratio Lower Upper
99 100
42 23.2 19.8 29.6
71 43.2 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF134349.D
Acq: 18 Jul 2023 21:23

Tgt Ion: 136 Resp: 250200
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 7.4 6.5 9.7
68 4.1 4.2 6.2#

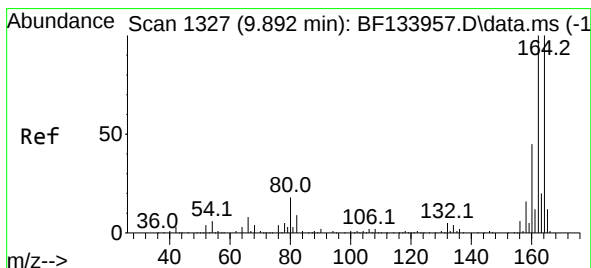
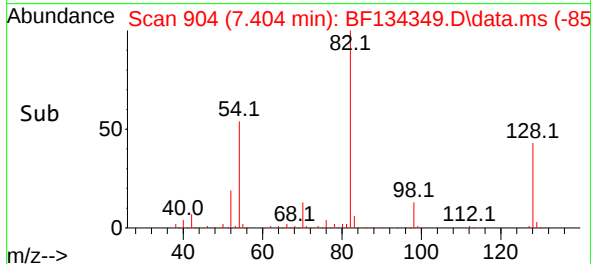
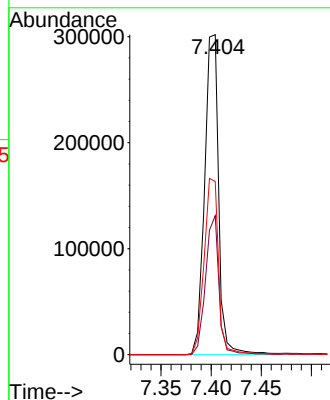
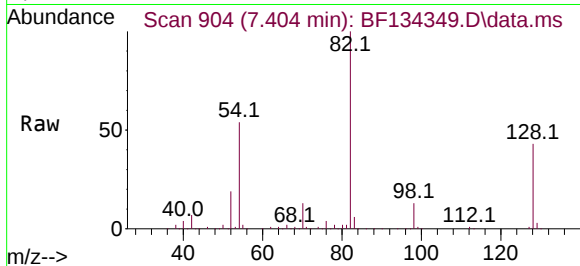




#23
Nitrobenzene-d5
Concen: 63.947 ng
RT: 7.404 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF134349.D
Acq: 18 Jul 2023 21:23

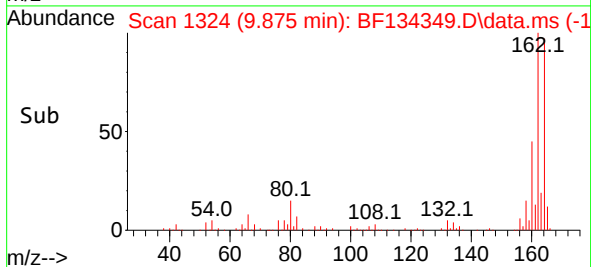
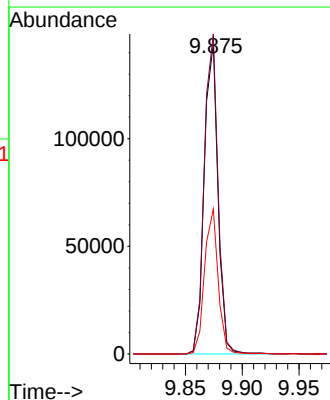
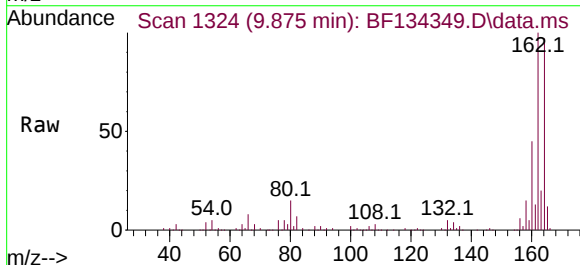
Instrument :
BNA_F
ClientSampleId :
RB-49-(2-5)

Tgt Ion: 82 Resp: 296807
Ion Ratio Lower Upper
82 100
128 43.5 32.5 48.7
54 54.2 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF134349.D
Acq: 18 Jul 2023 21:23

Tgt Ion:164 Resp: 120652
Ion Ratio Lower Upper
164 100
162 103.0 80.0 120.0
160 46.6 35.9 53.9

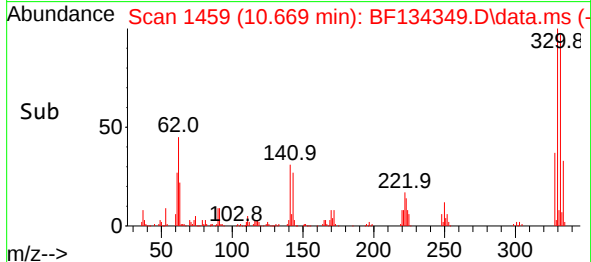
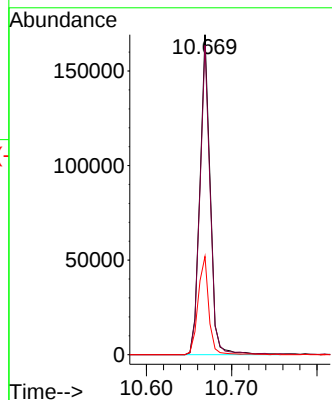
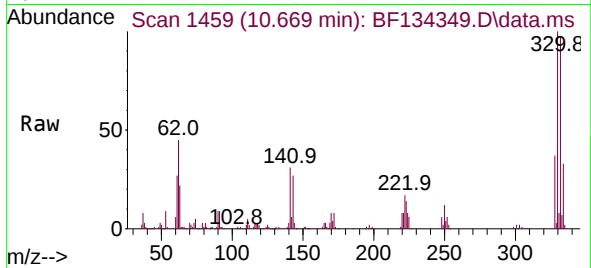




#42
2,4,6-Tribromophenol
Concen: 94.159 ng
RT: 10.669 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF134349.D
Acq: 18 Jul 2023 21:23

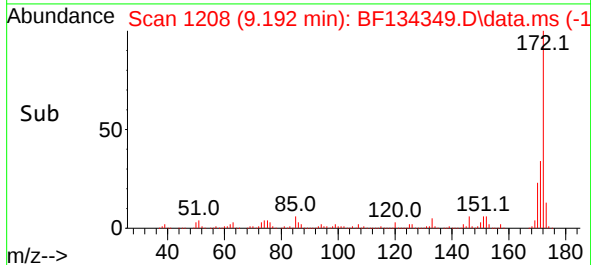
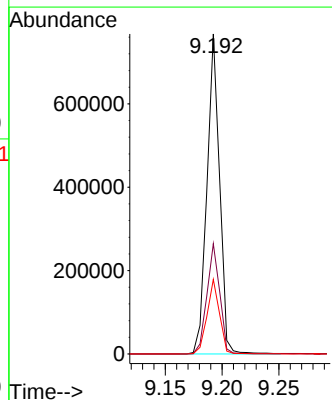
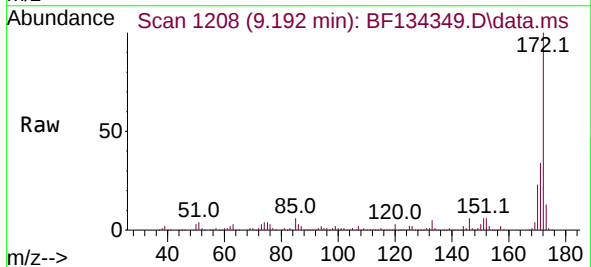
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BNA_F
ClientSampleId :
RB-49-(2-5)

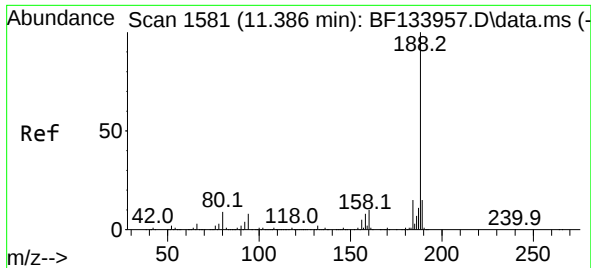
Tgt Ion: 330 Resp: 142438
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.6
141 31.8 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 71.281 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.012 min
Lab File: BF134349.D
Acq: 18 Jul 2023 21:23

Tgt Ion: 172 Resp: 591528
Ion Ratio Lower Upper
172 100
171 34.5 28.6 43.0
170 23.3 19.4 29.0

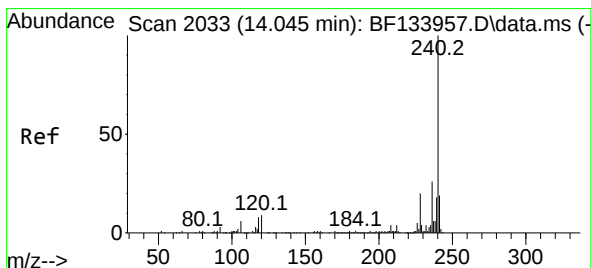
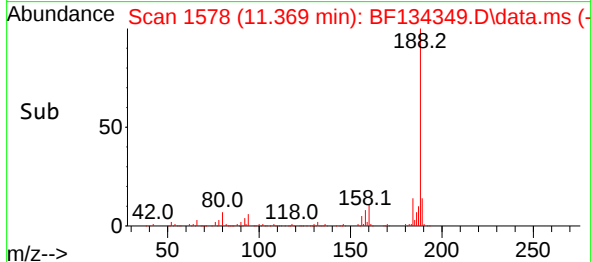
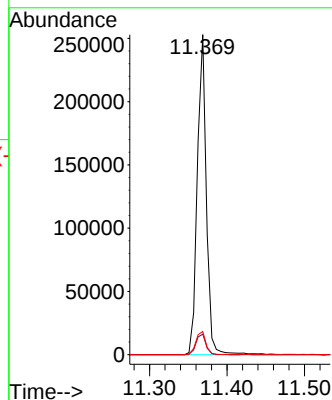
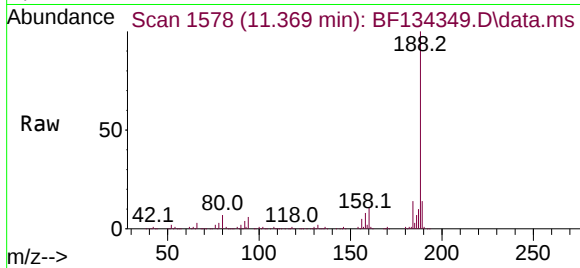




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134349.D
Acq: 18 Jul 2023 21:23

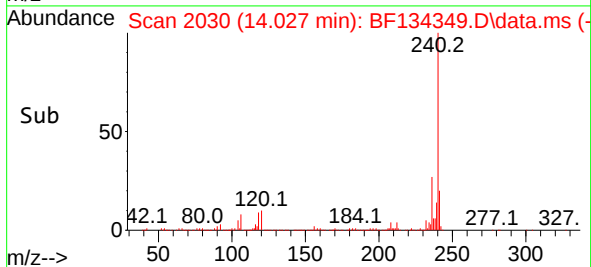
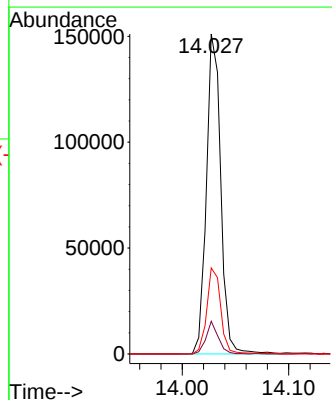
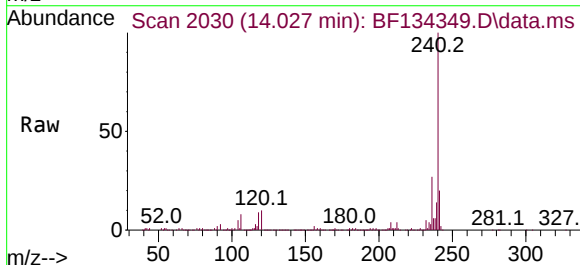
Instrument :
BNA_F
ClientSampleId :
RB-49-(2-5)

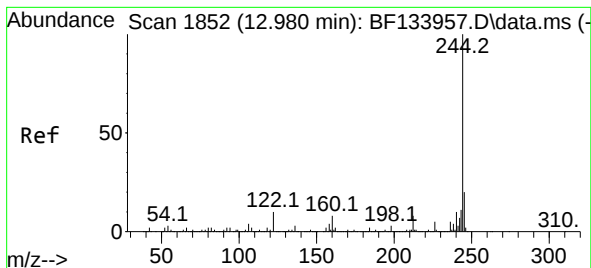
Tgt Ion:188 Resp: 205442
Ion Ratio Lower Upper
188 100
94 6.4 6.4 9.6
80 7.2 7.3 10.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF134349.D
Acq: 18 Jul 2023 21:23

Tgt Ion:240 Resp: 142261
Ion Ratio Lower Upper
240 100
120 10.2 7.4 11.0
236 26.9 21.0 31.6





#79

Terphenyl-d14

Concen: 60.858 ng

RT: 12.963 min Scan# 1849

Delta R.T. -0.012 min

Lab File: BF134349.D

Acq: 18 Jul 2023 21:23

Instrument :

BNA_F

ClientSampleId :

RB-49-(2-5)

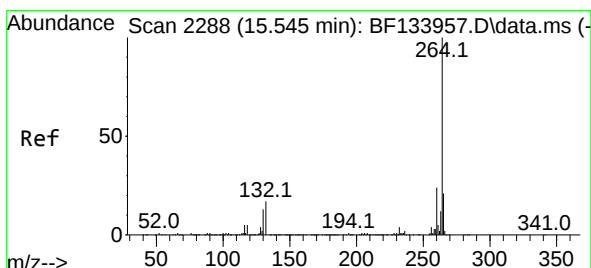
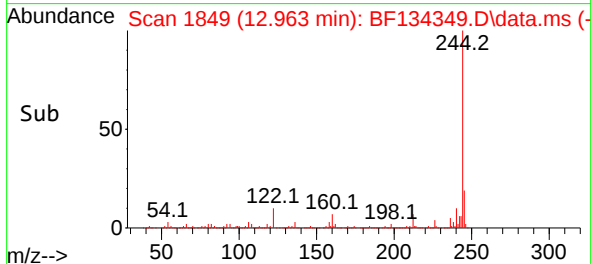
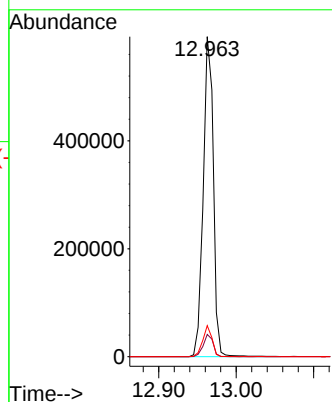
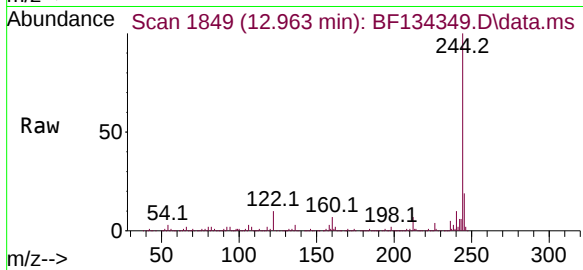
Tgt Ion:244 Resp: 537938

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 9.7 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2286

Delta R.T. -0.012 min

Lab File: BF134349.D

Acq: 18 Jul 2023 21:23

Tgt Ion:264 Resp: 147493

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 21.4 16.6 25.0

