

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
 Data File : BF134307.D
 Acq On : 15 Jul 2023 00:58
 Operator : CG\JU
 Sample : 03597-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-44-(0-2)

Quant Time: Jul 15 01:38:02 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	79094	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	299287	20.000	ng	# 0.00
39) Acenaphthene-d10	9.880	164	142801	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	261721	20.000	ng	0.00
76) Chrysene-d12	14.033	240	170736	20.000	ng	0.00
86) Perylene-d12	15.539	264	139383	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	393137	83.145	ng	0.00
7) Phenol-d6	6.481	99	477650	82.142	ng	0.00
23) Nitrobenzene-d5	7.404	82	325744	58.671	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	150460	84.035	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	591514	60.224	ng	0.00
79) Terphenyl-d14	12.968	244	552609	52.091	ng	0.00

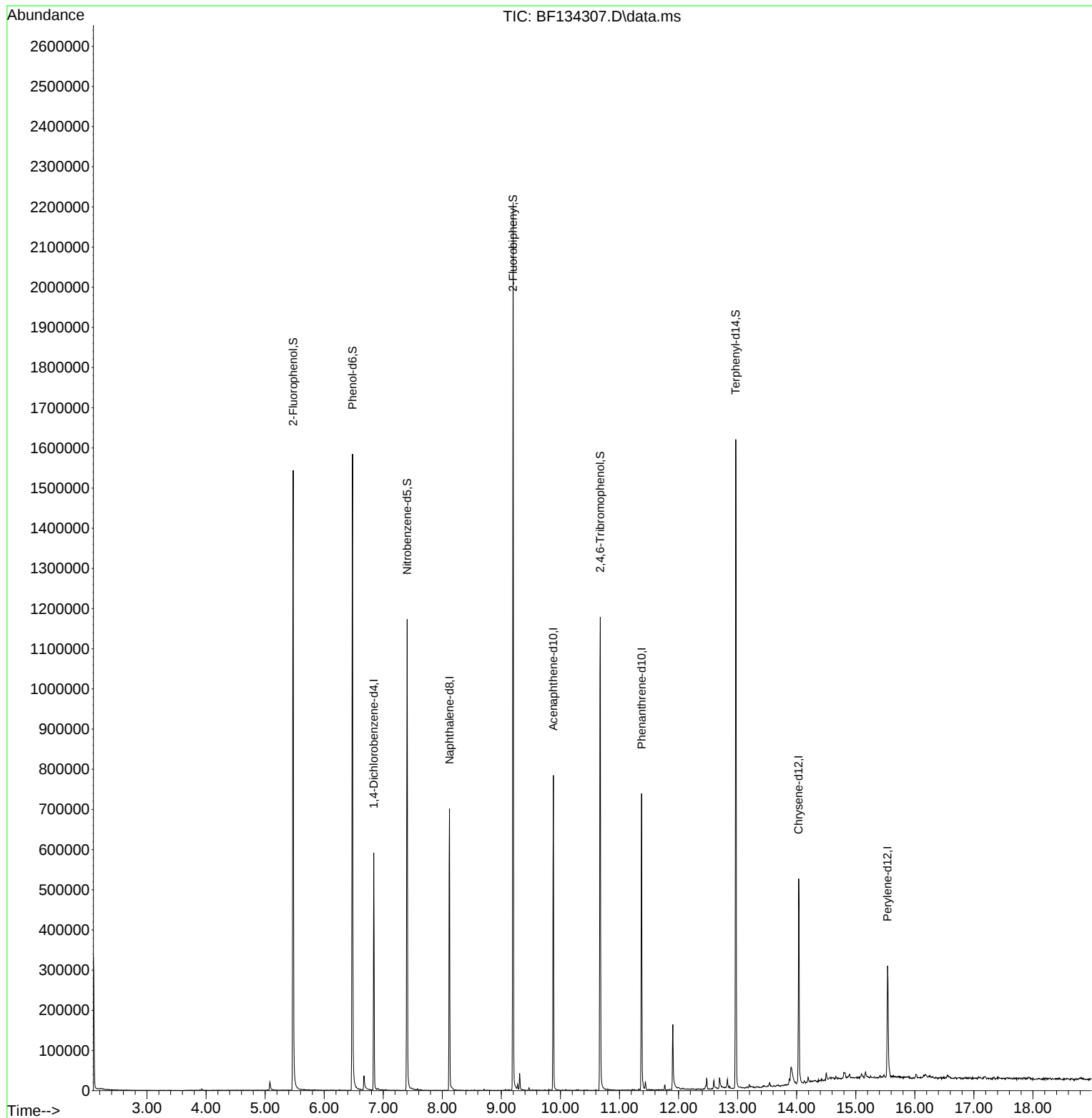
Target Compounds	Qvalue

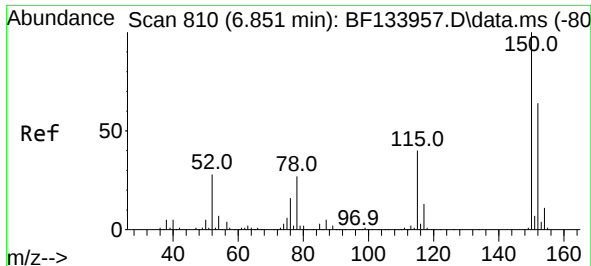
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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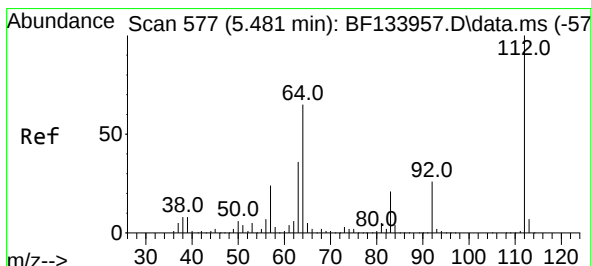
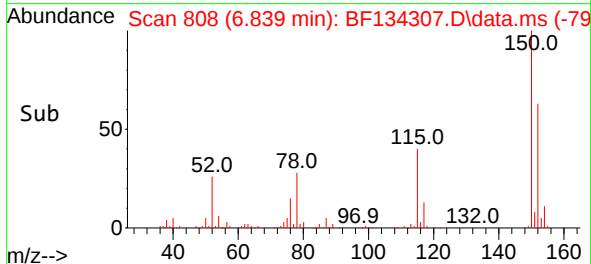
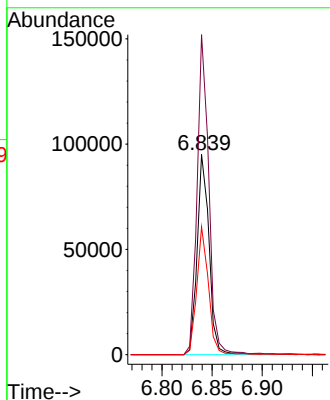
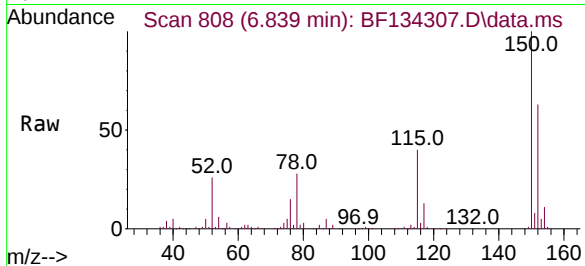




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134307.D
Acq: 15 Jul 2023 00:58

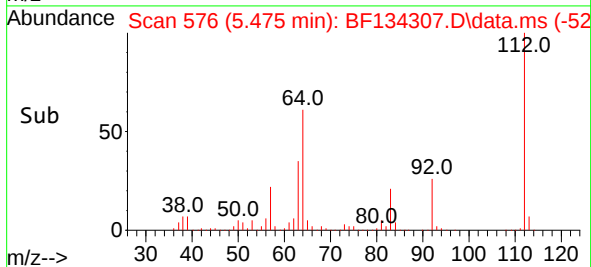
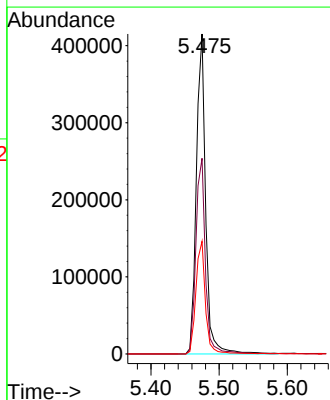
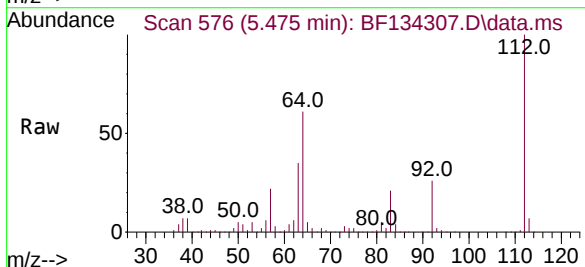
Instrument :
BNA_F
ClientSampleId :
RB-44-(0-2)

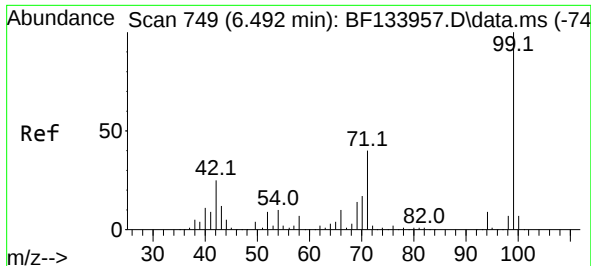
Tgt Ion:152 Resp: 79094
Ion Ratio Lower Upper
152 100
150 159.9 124.5 186.7
115 63.9 50.2 75.2



#5
2-Fluorophenol
Concen: 83.145 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.006 min
Lab File: BF134307.D
Acq: 15 Jul 2023 00:58

Tgt Ion:112 Resp: 393137
Ion Ratio Lower Upper
112 100
64 61.1 52.1 78.1
63 35.2 28.6 42.8

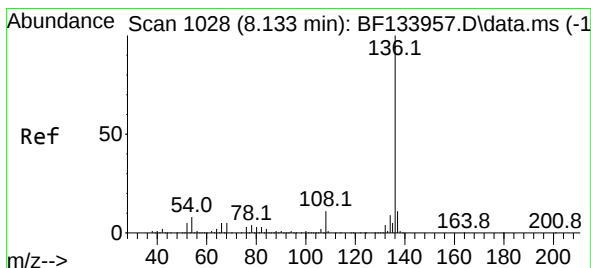
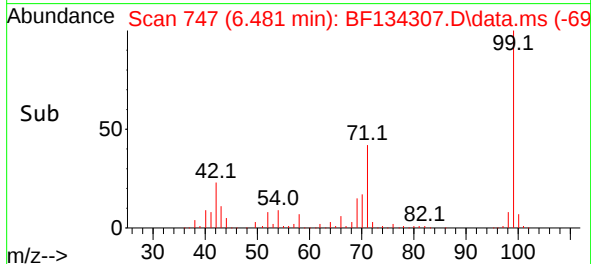
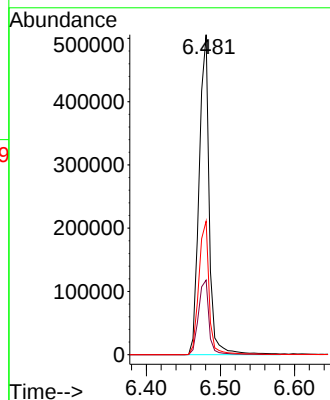
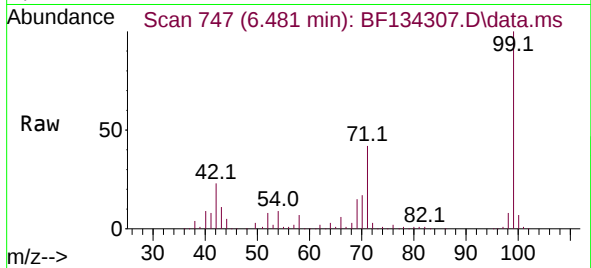




#7
Phenol-d6
Concen: 82.142 ng
RT: 6.481 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF134307.D
Acq: 15 Jul 2023 00:58

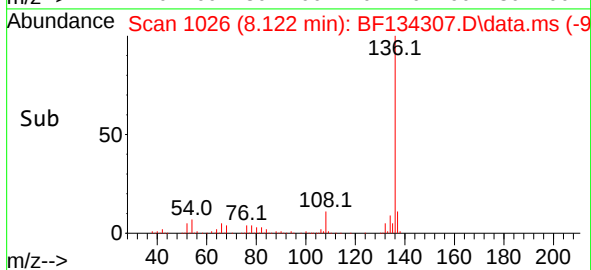
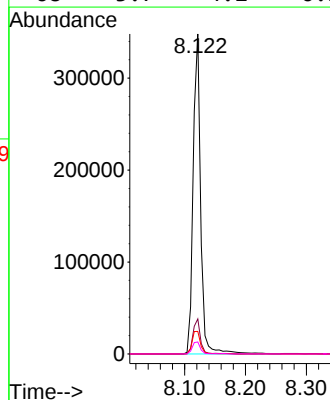
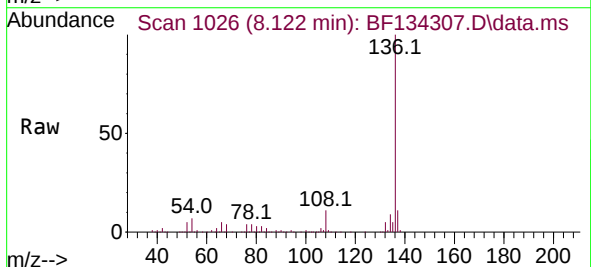
Instrument :
BNA_F
ClientSampleId :
RB-44-(0-2)

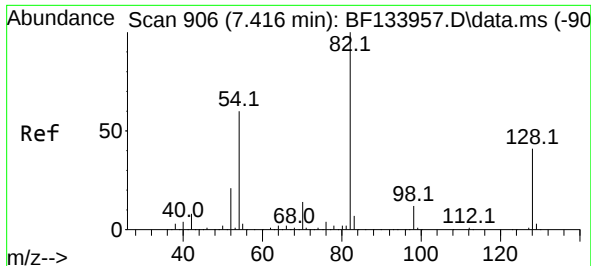
Tgt Ion: 99 Resp: 477650
Ion Ratio Lower Upper
99 100
42 23.3 19.8 29.6
71 41.7 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF134307.D
Acq: 15 Jul 2023 00:58

Tgt Ion: 136 Resp: 299287
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 7.1 6.5 9.7
68 3.7 4.2 6.2

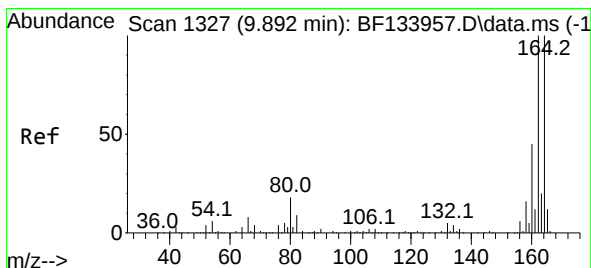
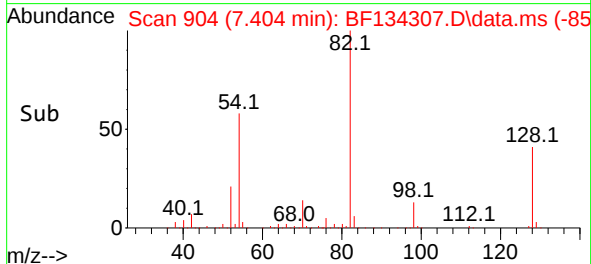
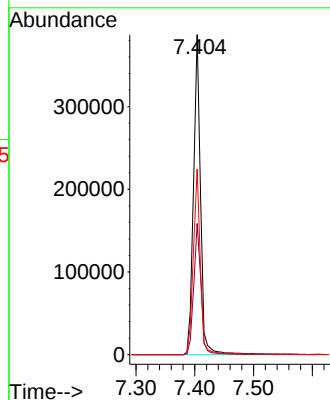
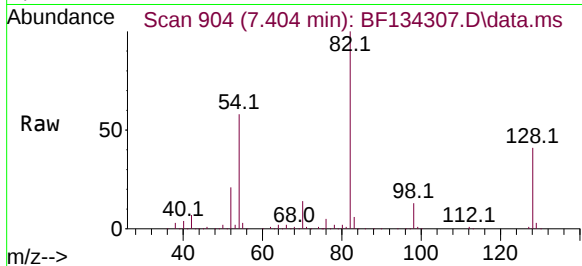




#23
 Nitrobenzene-d5
 Concen: 58.671 ng
 RT: 7.404 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: BF134307.D
 Acq: 15 Jul 2023 00:58

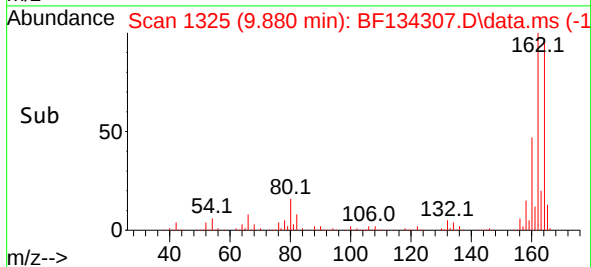
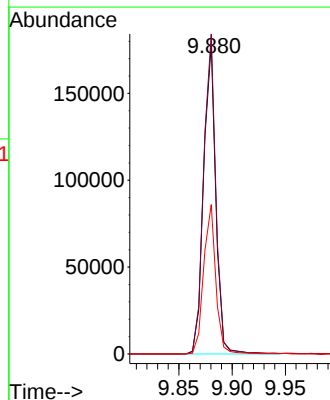
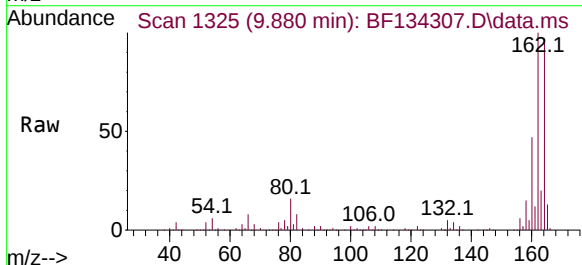
Instrument :
 BNA_F
 ClientSampleId :
 RB-44-(0-2)

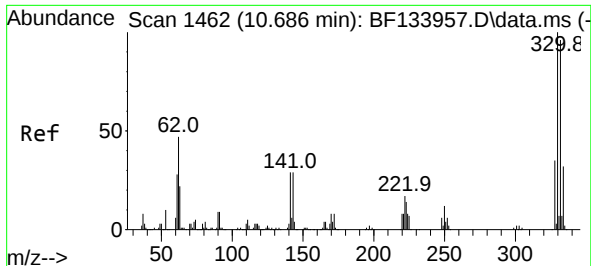
Tgt Ion: 82 Resp: 325744
 Ion Ratio Lower Upper
 82 100
 128 41.0 32.5 48.7
 54 57.9 48.2 72.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.880 min Scan# 1325
 Delta R.T. -0.000 min
 Lab File: BF134307.D
 Acq: 15 Jul 2023 00:58

Tgt Ion:164 Resp: 142801
 Ion Ratio Lower Upper
 164 100
 162 103.4 80.0 120.0
 160 48.3 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 84.035 ng

RT: 10.674 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF134307.D

Acq: 15 Jul 2023 00:58

Instrument :

BNA_F

ClientSampleId :

RB-44-(0-2)

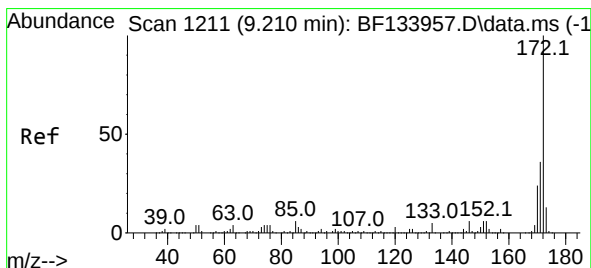
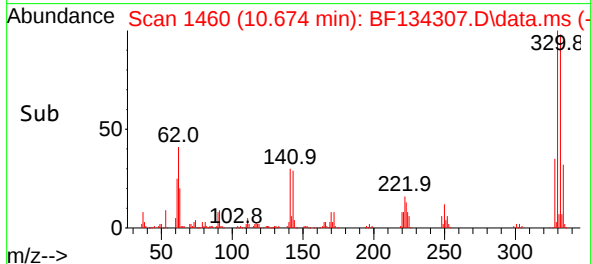
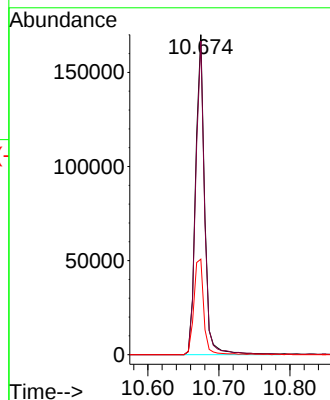
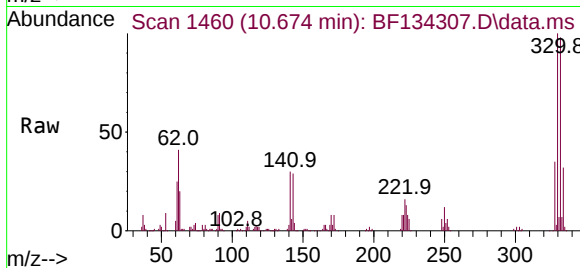
Tgt Ion:330 Resp: 150460

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

141 32.8 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 60.224 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF134307.D

Acq: 15 Jul 2023 00:58

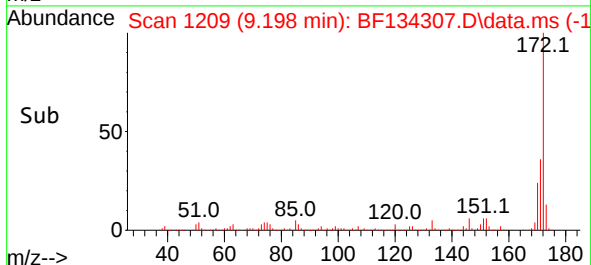
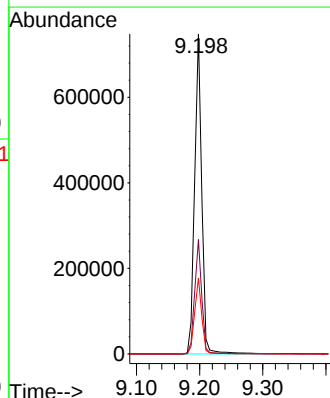
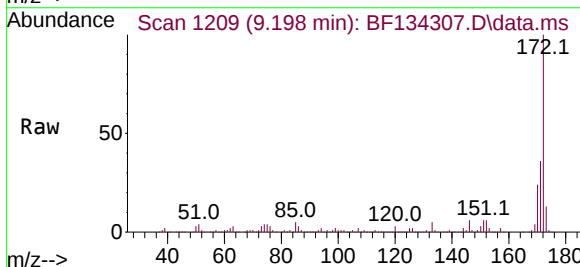
Tgt Ion:172 Resp: 591514

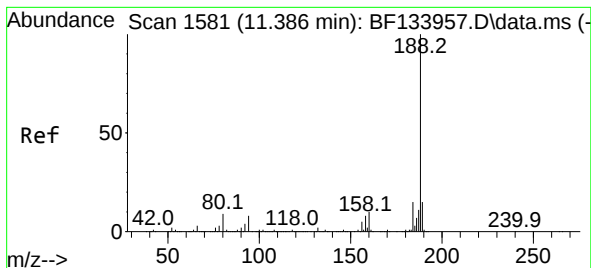
Ion Ratio Lower Upper

172 100

171 35.7 28.6 43.0

170 23.7 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF134307.D

Acq: 15 Jul 2023 00:58

Instrument :

BNA_F

ClientSampleId :

RB-44-(0-2)

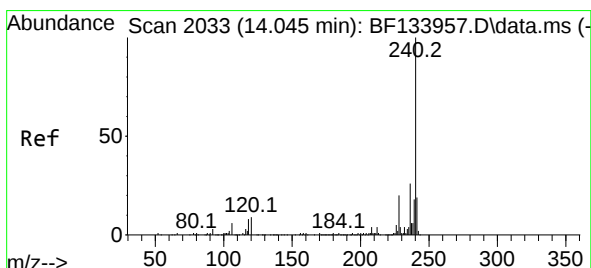
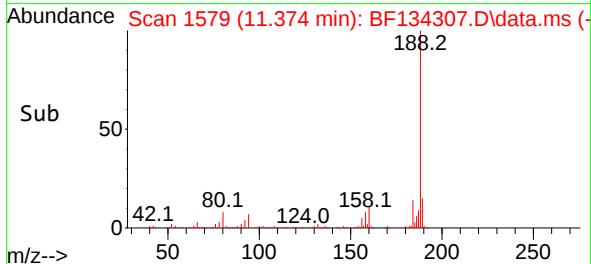
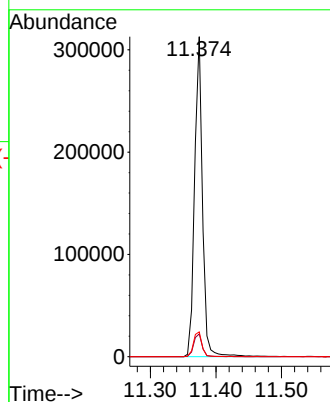
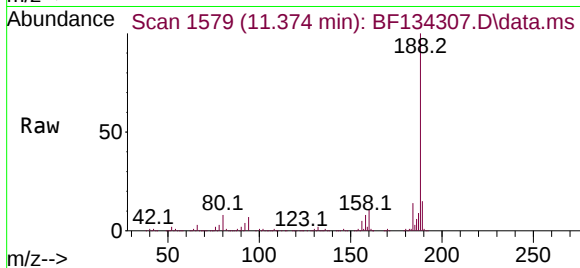
Tgt Ion:188 Resp: 261721

Ion Ratio Lower Upper

188 100

94 7.1 6.4 9.6

80 7.7 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: BF134307.D

Acq: 15 Jul 2023 00:58

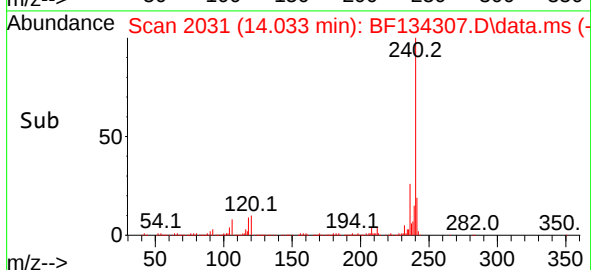
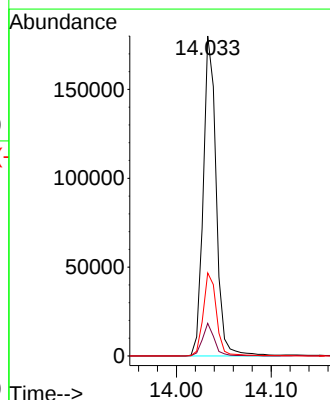
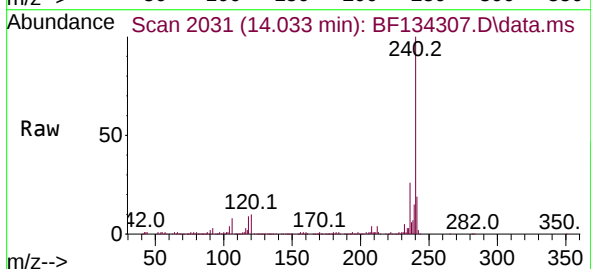
Tgt Ion:240 Resp: 170736

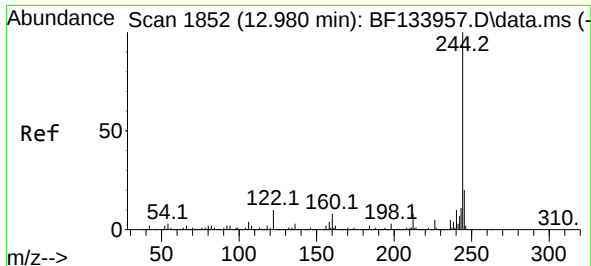
Ion Ratio Lower Upper

240 100

120 10.2 7.4 11.0

236 26.0 21.0 31.6

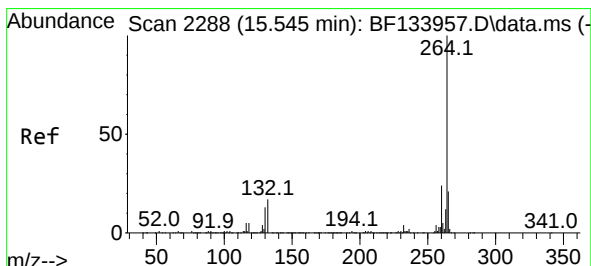
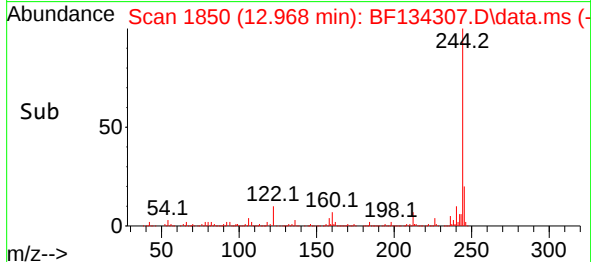
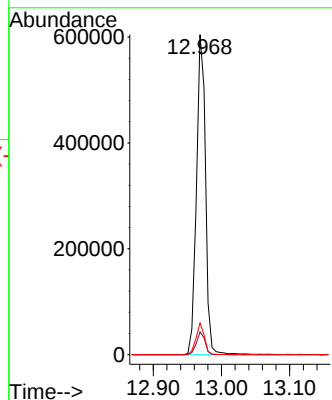
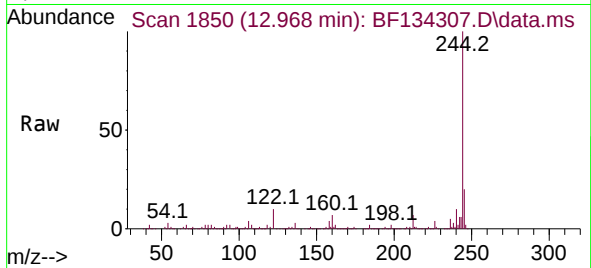




#79
 Terphenyl-d14
 Concen: 52.091 ng
 RT: 12.968 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF134307.D
 Acq: 15 Jul 2023 00:58

Instrument :
 BNA_F
 ClientSampleId :
 RB-44-(0-2)

Tgt Ion:244 Resp: 552609
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 9.9 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: BF134307.D
 Acq: 15 Jul 2023 00:58

Tgt Ion:264 Resp: 139383
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.5 29.3
 265 20.8 16.6 25.0

