

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
 Data File : BF134172.D
 Acq On : 09 Jul 2023 05:34
 Operator : CG\JU
 Sample : 03507-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CP-2

Quant Time: Jul 09 05:52:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	156957	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	683352	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	347870	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	622385	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	368275	20.000	ng	-0.02
86) Perylene-d12	15.539	264	335080	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1076420	114.719	ng	0.01
7) Phenol-d6	6.481	99	1393101	120.726	ng	-0.01
23) Nitrobenzene-d5	7.410	82	992540	78.295	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	493509	113.149	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1847371	77.209	ng	0.00
79) Terphenyl-d14	12.980	244	2083953	91.072	ng	0.00

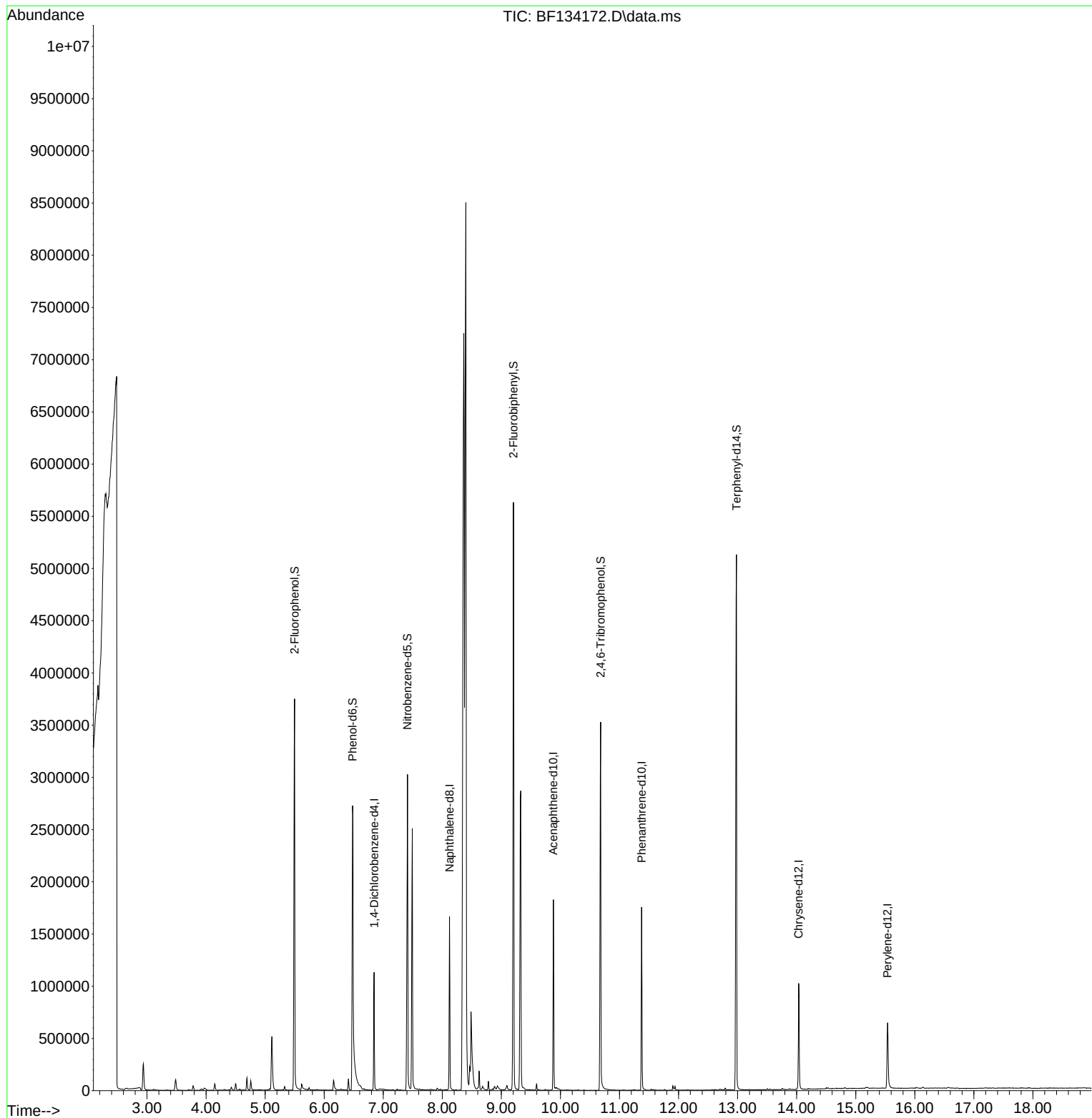
Target Compounds	Qvalue

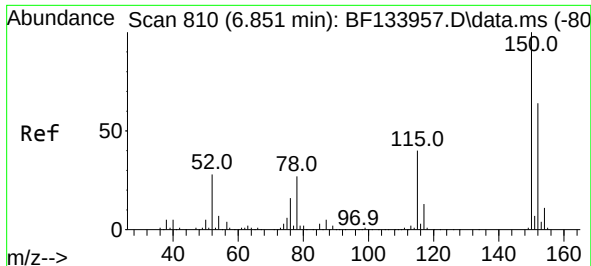
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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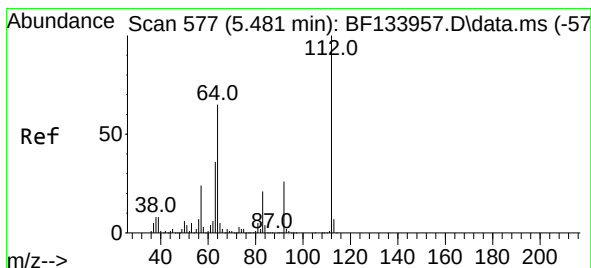
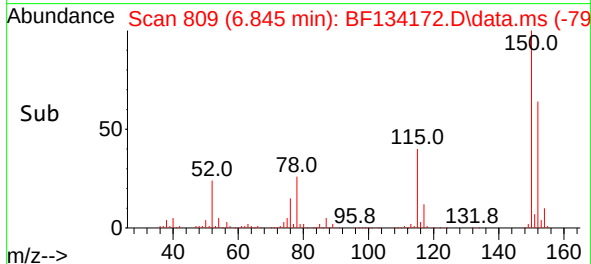
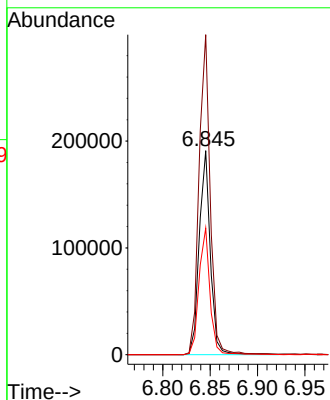
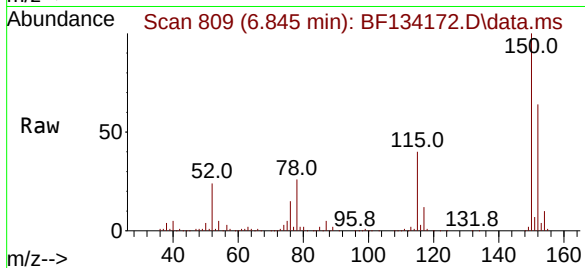




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF134172.D
 Acq: 09 Jul 2023 05:34

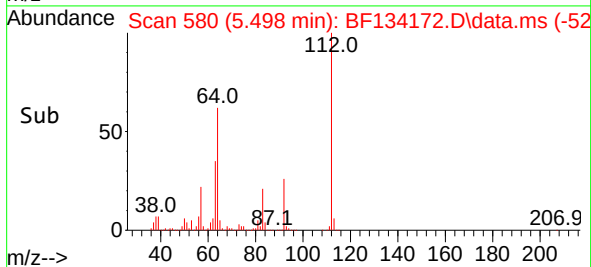
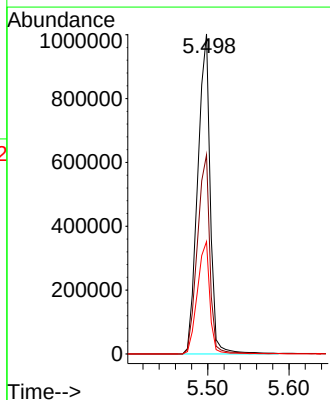
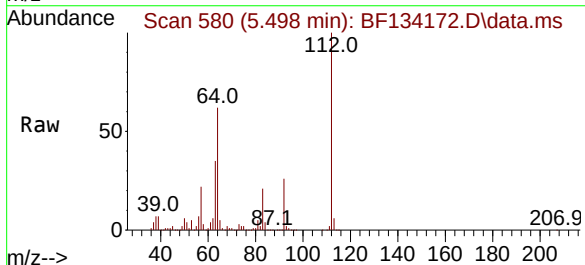
Instrument :
 BNA_F
 ClientSampleId :
 CP-2

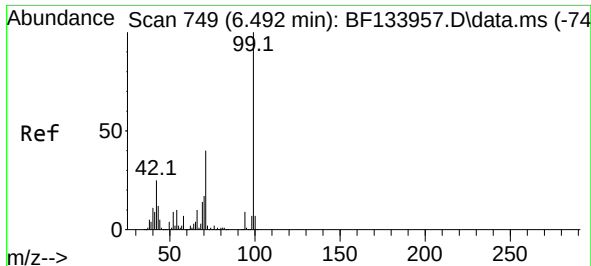
Tgt Ion:152 Resp: 156957
 Ion Ratio Lower Upper
 152 100
 150 156.8 124.5 186.7
 115 62.0 50.2 75.2



#5
 2-Fluorophenol
 Concen: 114.719 ng
 RT: 5.498 min Scan# 580
 Delta R.T. 0.012 min
 Lab File: BF134172.D
 Acq: 09 Jul 2023 05:34

Tgt Ion:112 Resp: 1076420
 Ion Ratio Lower Upper
 112 100
 64 62.2 52.1 78.1
 63 35.1 28.6 42.8

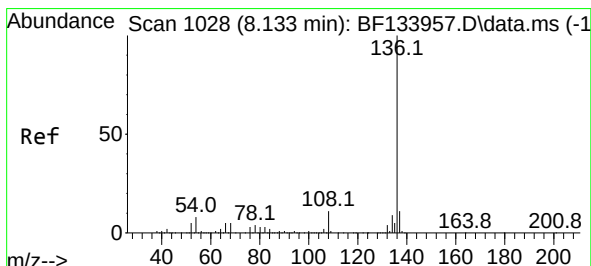
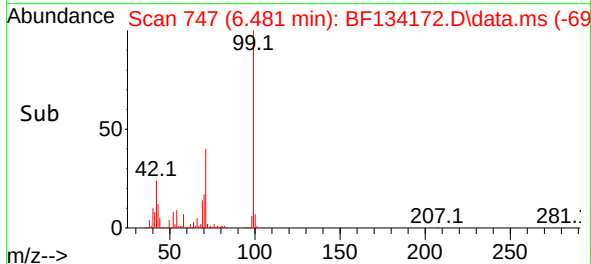
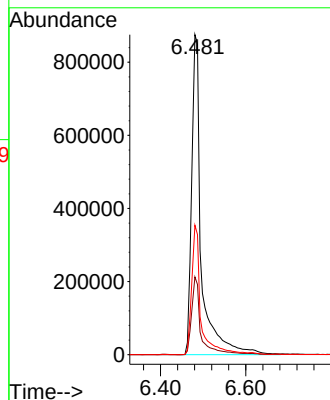
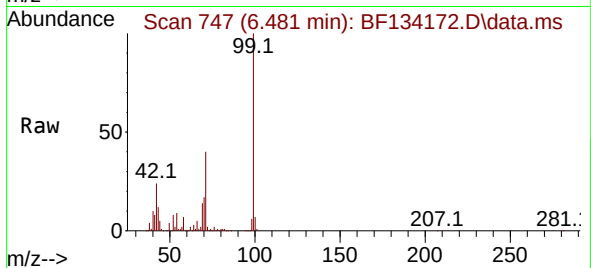




#7
Phenol-d6
Concen: 120.726 ng
RT: 6.481 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF134172.D
Acq: 09 Jul 2023 05:34

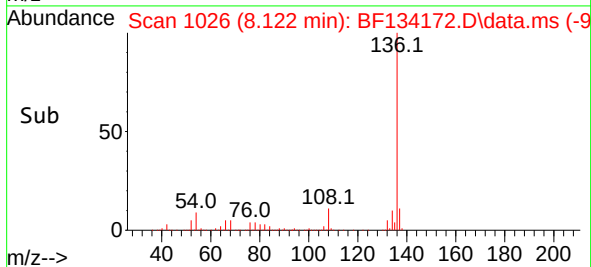
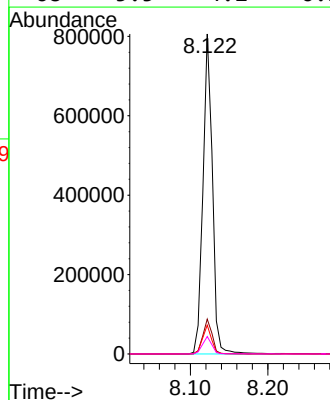
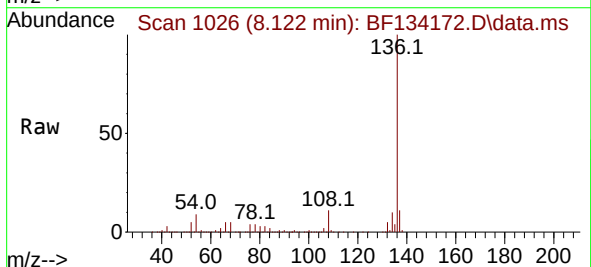
Instrument :
BNA_F
ClientSampleId :
CP-2

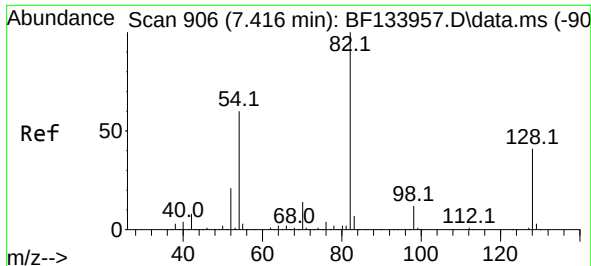
Tgt Ion: 99 Resp: 1393101
Ion Ratio Lower Upper
99 100
42 24.3 19.8 29.6
71 40.4 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134172.D
Acq: 09 Jul 2023 05:34

Tgt Ion: 136 Resp: 683352
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.0 6.5 9.7
68 5.5 4.2 6.2





#23

Nitrobenzene-d5

Concen: 78.295 ng

RT: 7.410 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF134172.D

Acq: 09 Jul 2023 05:34

Instrument :

BNA_F

ClientSampleId :

CP-2

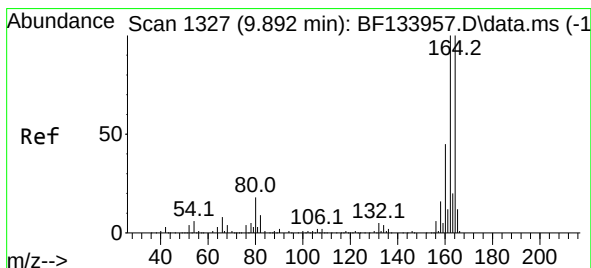
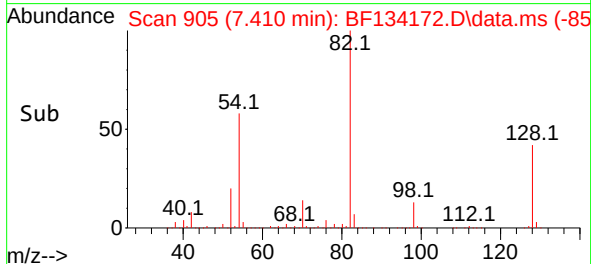
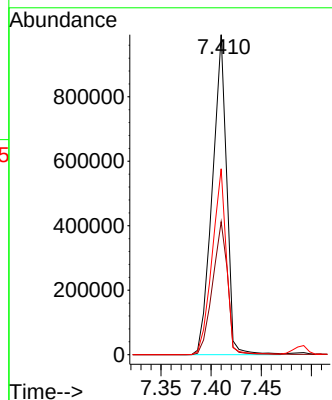
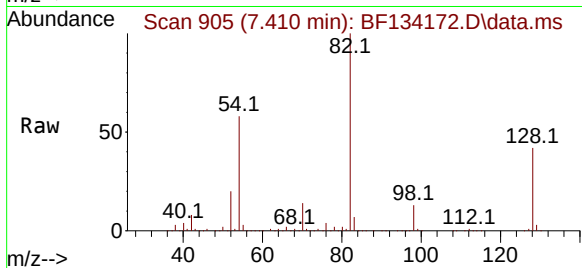
Tgt Ion: 82 Resp: 992540

Ion Ratio Lower Upper

82 100

128 41.5 32.5 48.7

54 58.1 48.2 72.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1325

Delta R.T. -0.012 min

Lab File: BF134172.D

Acq: 09 Jul 2023 05:34

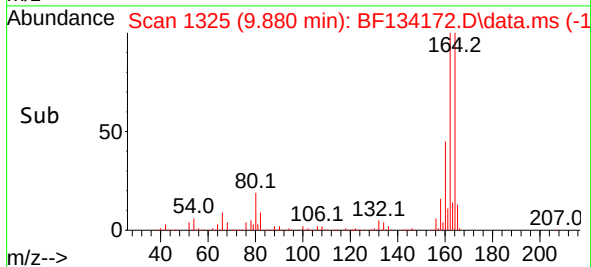
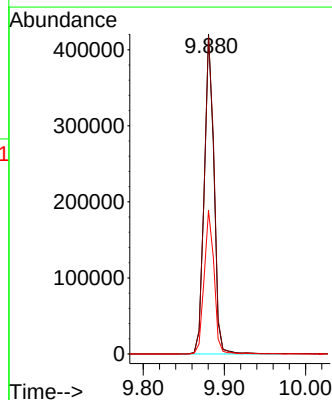
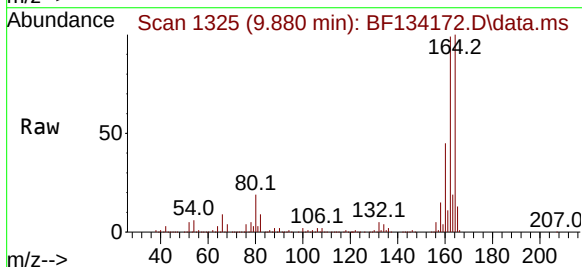
Tgt Ion:164 Resp: 347870

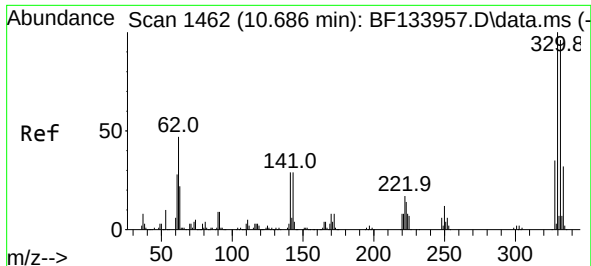
Ion Ratio Lower Upper

164 100

162 99.4 80.0 120.0

160 44.9 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 113.149 ng

RT: 10.680 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF134172.D

Acq: 09 Jul 2023 05:34

Instrument :

BNA_F

ClientSampleId :

CP-2

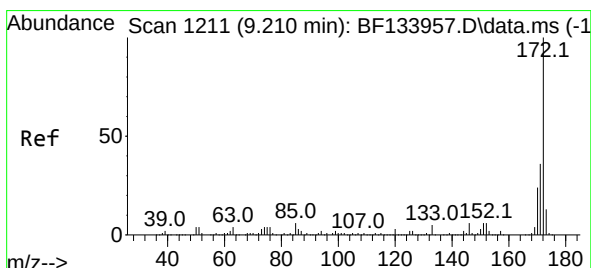
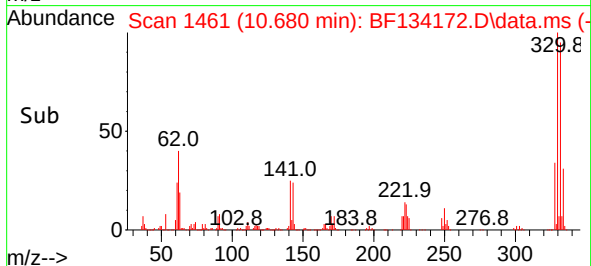
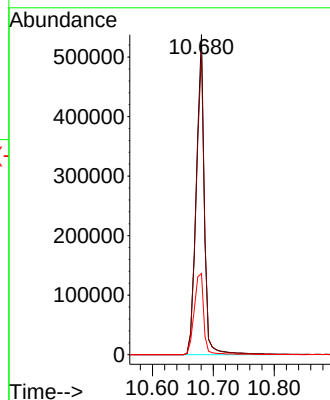
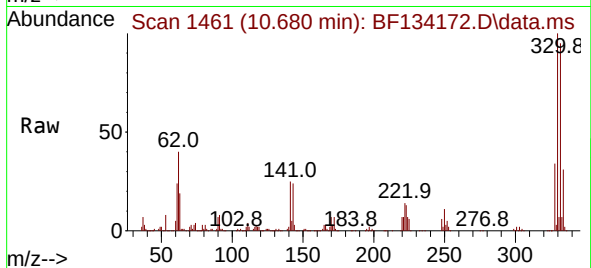
Tgt Ion:330 Resp: 493509

Ion Ratio Lower Upper

330 100

332 97.3 77.0 115.6

141 30.3 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 77.209 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.006 min

Lab File: BF134172.D

Acq: 09 Jul 2023 05:34

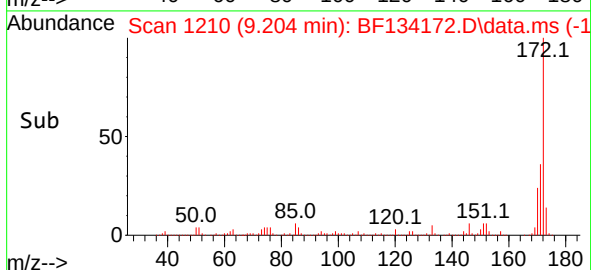
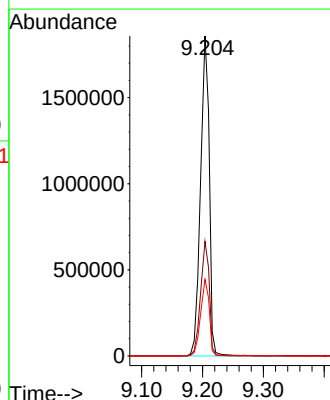
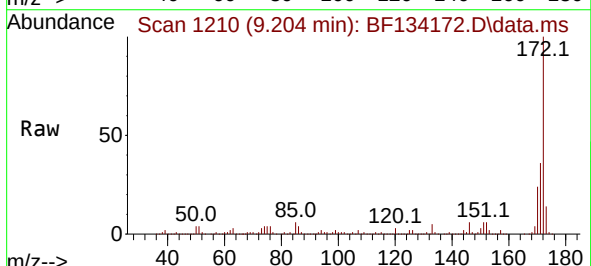
Tgt Ion:172 Resp: 1847371

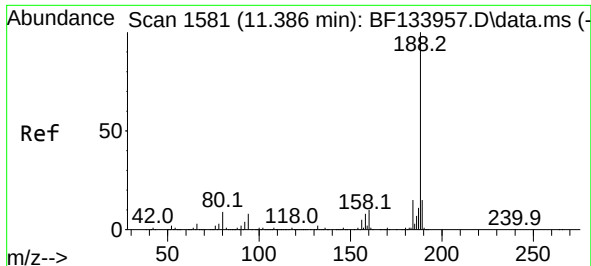
Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

170 23.9 19.4 29.0

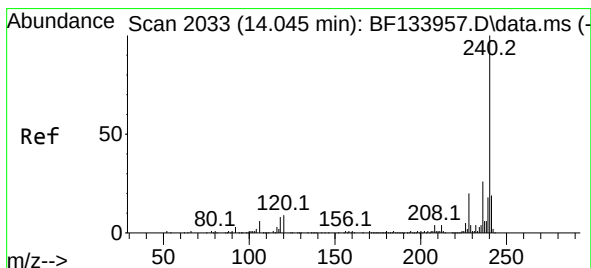
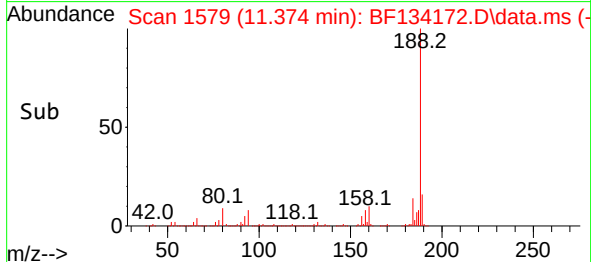
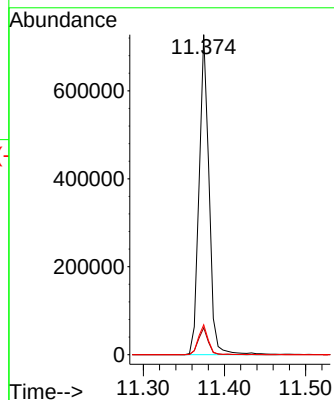
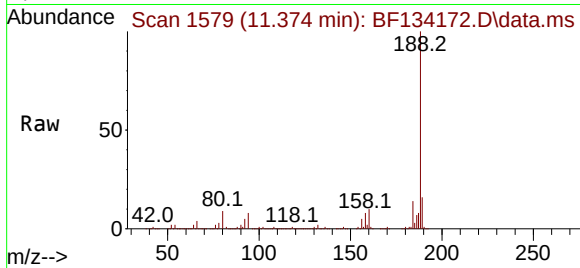




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134172.D
Acq: 09 Jul 2023 05:34

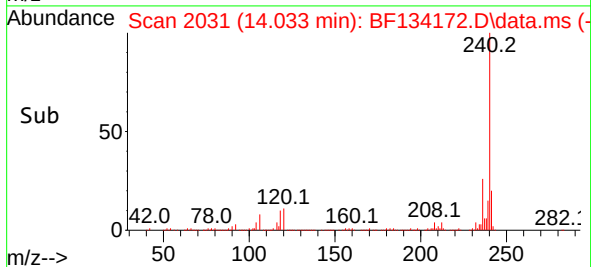
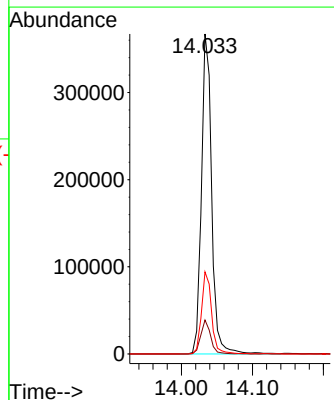
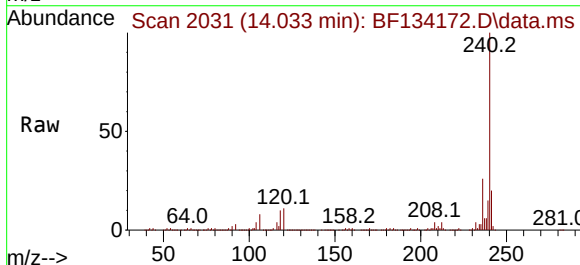
Instrument :
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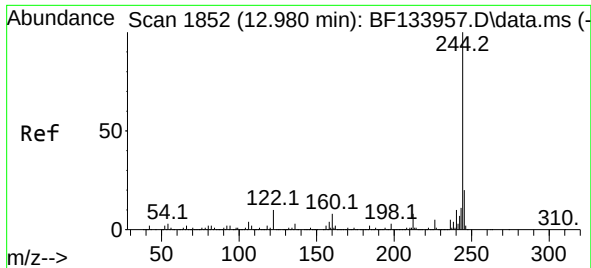
Tgt Ion:188 Resp: 622385
Ion Ratio Lower Upper
188 100
94 8.4 6.4 9.6
80 9.4 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.018 min
Lab File: BF134172.D
Acq: 09 Jul 2023 05:34

Tgt Ion:240 Resp: 368275
Ion Ratio Lower Upper
240 100
120 10.6 7.4 11.0
236 25.6 21.0 31.6

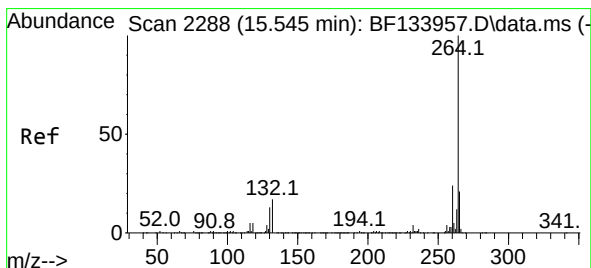
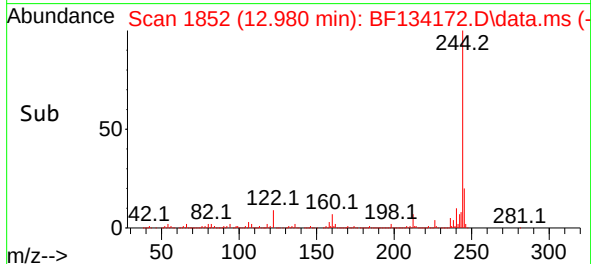
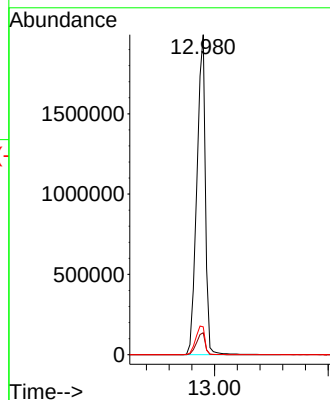
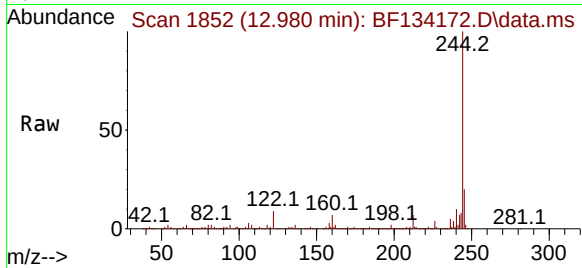




#79
 Terphenyl-d14
 Concen: 91.072 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF134172.D
 Acq: 09 Jul 2023 05:34

Instrument :
 BNA_F
 ClientSampleId :
 CP-2

Tgt Ion:244 Resp: 2083953
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 8.7 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. -0.012 min
 Lab File: BF134172.D
 Acq: 09 Jul 2023 05:34

Tgt Ion:264 Resp: 335080
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.5 29.3
 265 21.6 16.6 25.0

