

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052423\
 Data File : BF133472.D
 Acq On : 24 May 2023 15:54
 Operator : CG\JU
 Sample : 02892-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-32

Quant Time: May 24 16:38:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 24 02:41:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	107049	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	411276	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	198133	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	397993	20.000	ng	0.00
76) Chrysene-d12	14.004	240	307511	20.000	ng	0.00
86) Perylene-d12	15.462	264	262737	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	688521	105.137	ng	0.00
7) Phenol-d6	6.457	99	788878	100.206	ng	0.00
23) Nitrobenzene-d5	7.404	82	553923	93.114	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	240861	131.599	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1023303	72.664	ng	0.00
79) Terphenyl-d14	12.957	244	1230165	76.484	ng	0.00

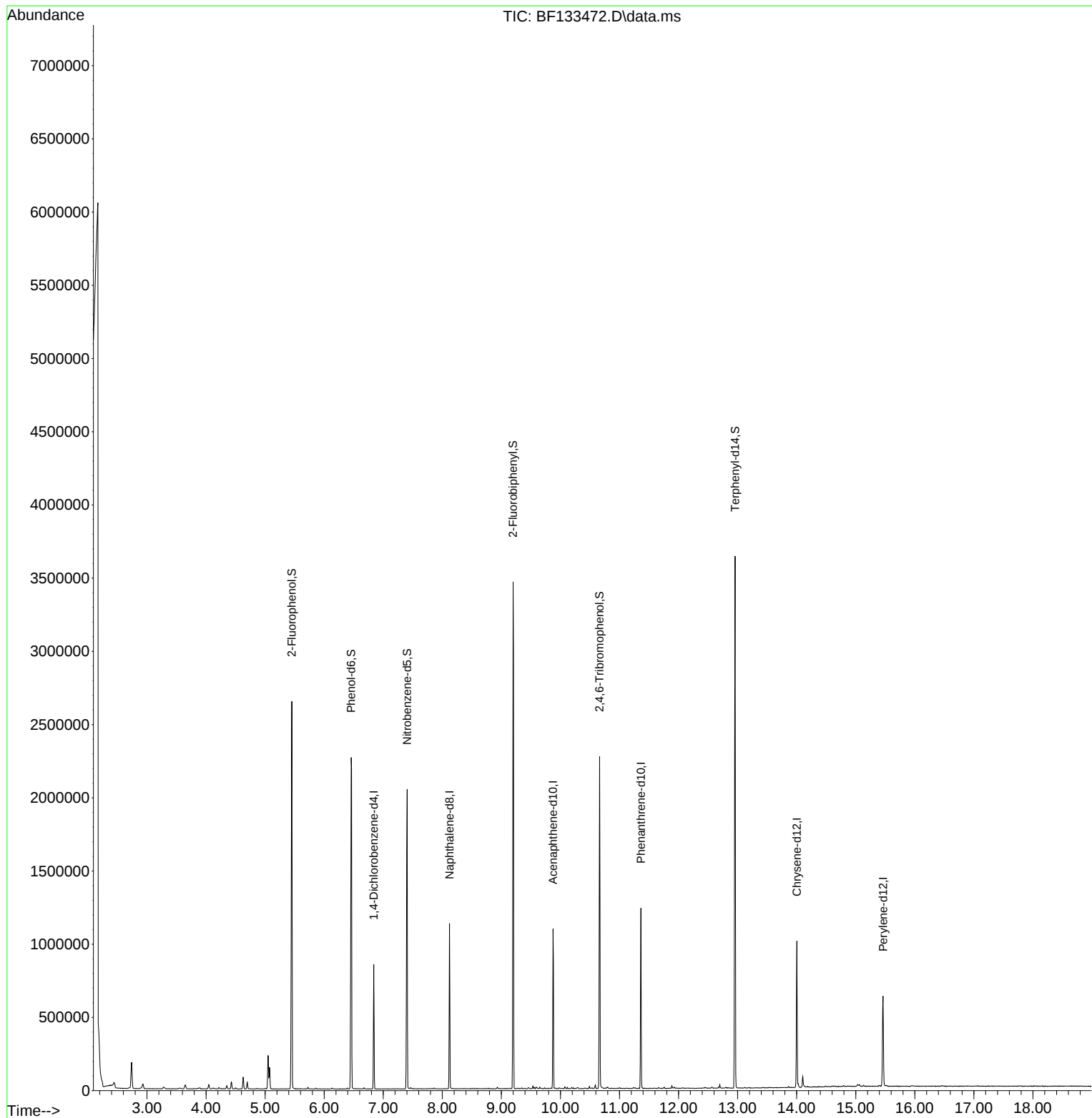
Target Compounds	Qvalue

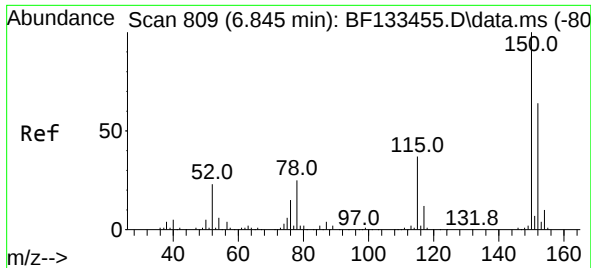
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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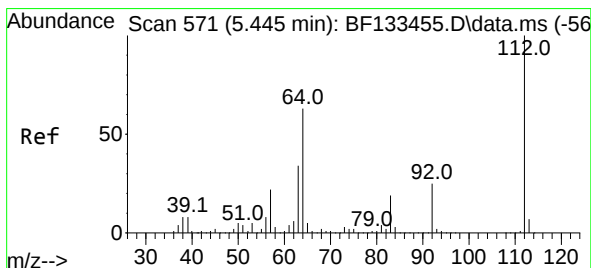
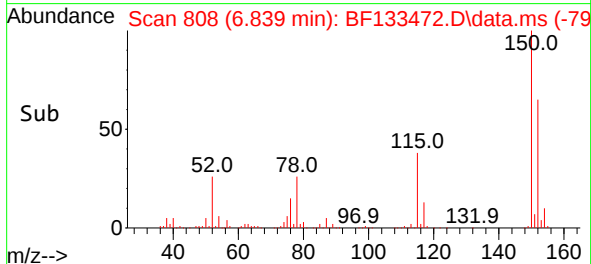
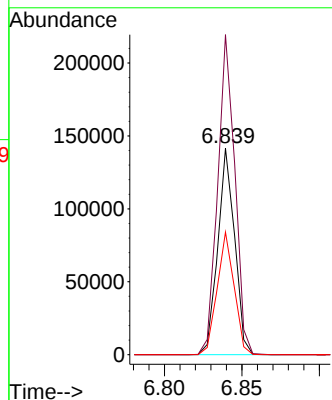
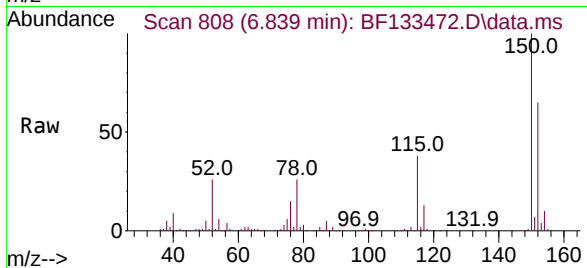




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.839 min Scan# 809
 Delta R.T. -0.006 min
 Lab File: BF133472.D
 Acq: 24 May 2023 15:54

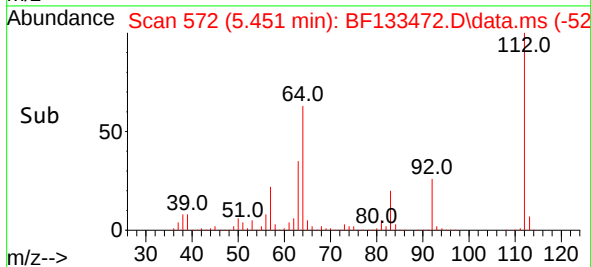
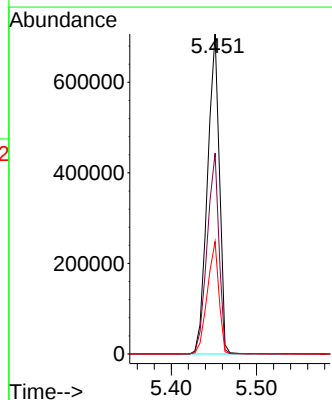
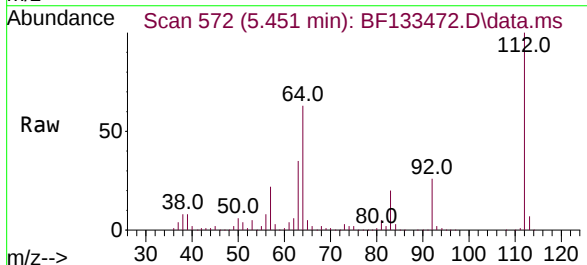
Instrument :
 BNA_F
 ClientSampleId :
 TP-32

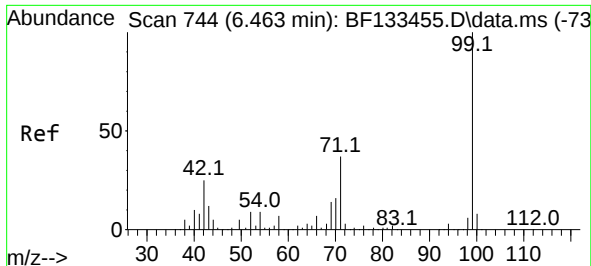
Tgt Ion:152 Resp: 107049
 Ion Ratio Lower Upper
 152 100
 150 155.0 125.6 188.4
 115 59.4 47.0 70.4



#5
 2-Fluorophenol
 Concen: 105.137 ng
 RT: 5.451 min Scan# 572
 Delta R.T. 0.006 min
 Lab File: BF133472.D
 Acq: 24 May 2023 15:54

Tgt Ion:112 Resp: 688521
 Ion Ratio Lower Upper
 112 100
 64 62.8 50.2 75.4
 63 35.1 27.2 40.8

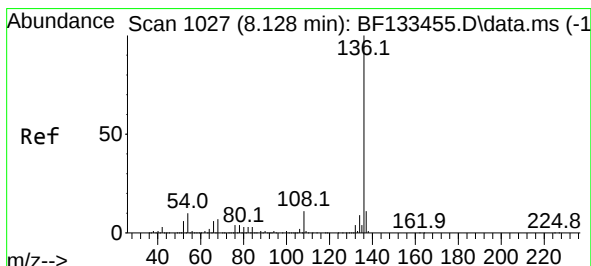
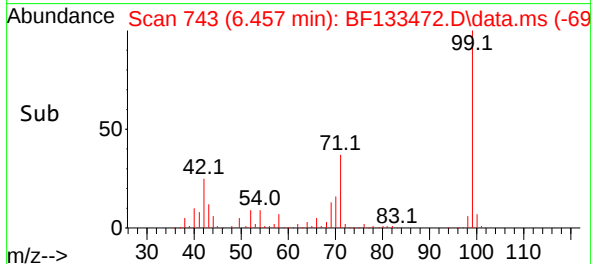
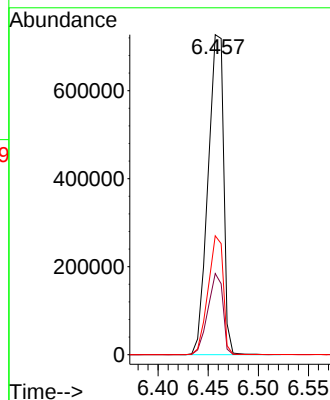
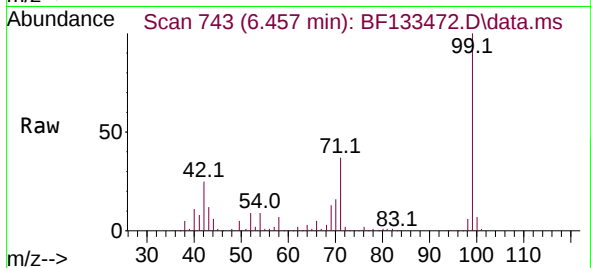




#7
Phenol-d6
Concen: 100.206 ng
RT: 6.457 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF133472.D
Acq: 24 May 2023 15:54

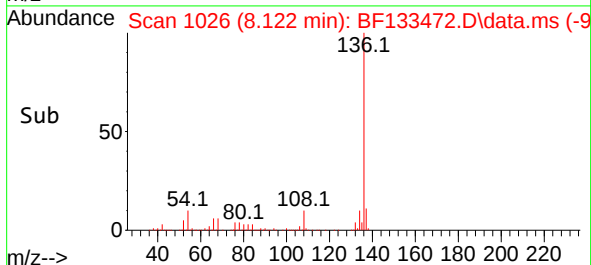
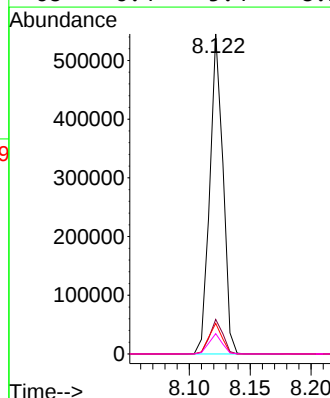
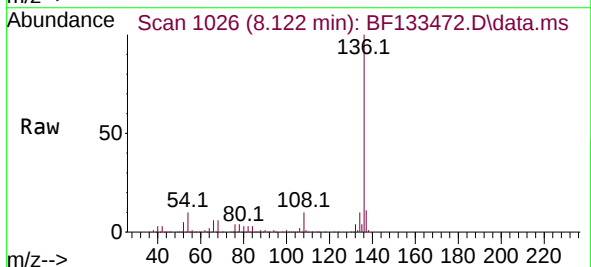
Instrument :
BNA_F
ClientSampleId :
TP-32

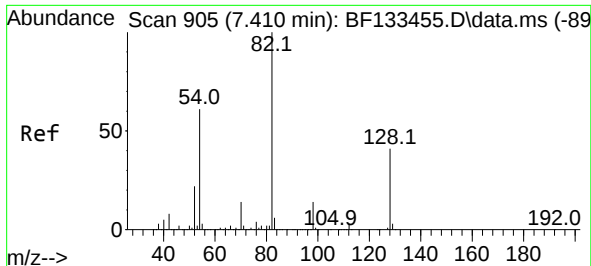
Tgt Ion: 99 Resp: 788878
Ion Ratio Lower Upper
99 100
42 25.4 19.6 29.4
71 37.2 29.5 44.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF133472.D
Acq: 24 May 2023 15:54

Tgt Ion: 136 Resp: 411276
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 9.5 8.0 12.0
68 6.4 5.4 8.2





#23

Nitrobenzene-d5

Concen: 93.114 ng

RT: 7.404 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133472.D

Acq: 24 May 2023 15:54

Instrument :

BNA_F

ClientSampleId :

TP-32

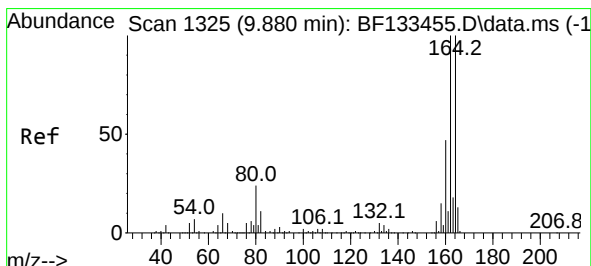
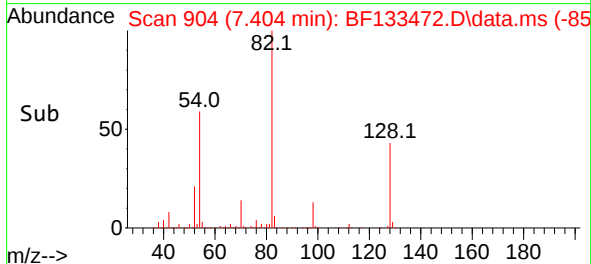
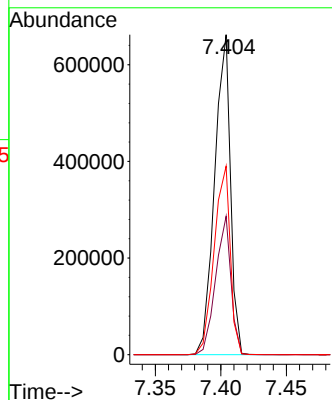
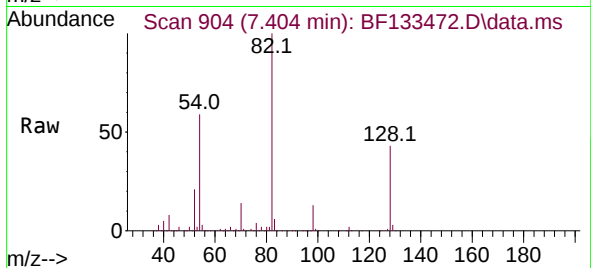
Tgt Ion: 82 Resp: 553923

Ion Ratio Lower Upper

82 100

128 43.2 33.0 49.6

54 58.9 48.5 72.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.874 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF133472.D

Acq: 24 May 2023 15:54

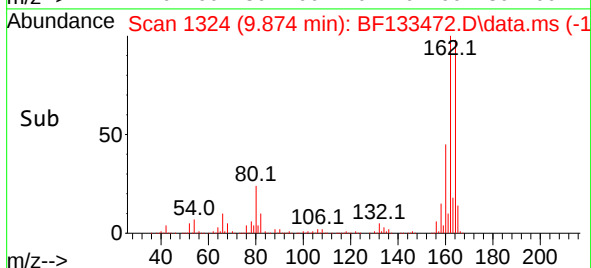
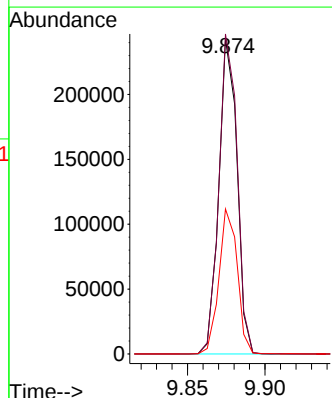
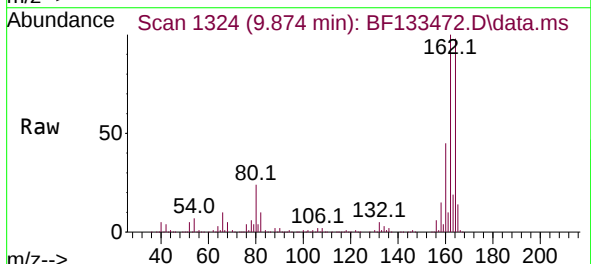
Tgt Ion:164 Resp: 198133

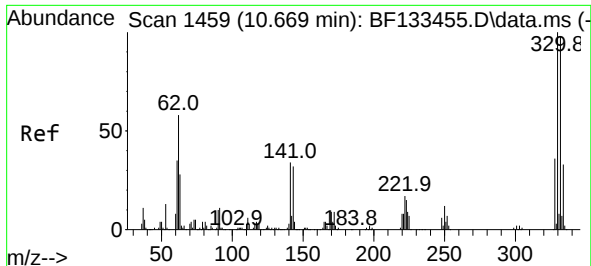
Ion Ratio Lower Upper

164 100

162 101.6 79.8 119.6

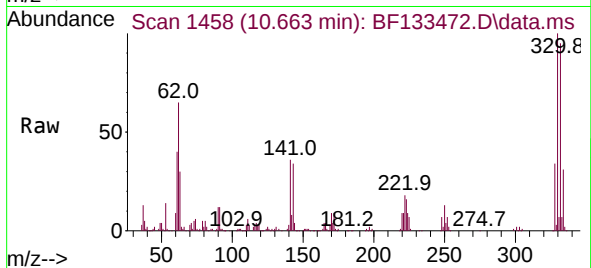
160 46.1 37.4 56.0



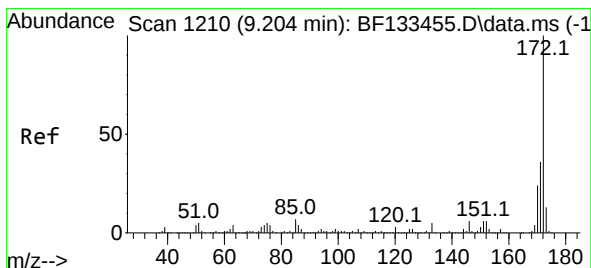
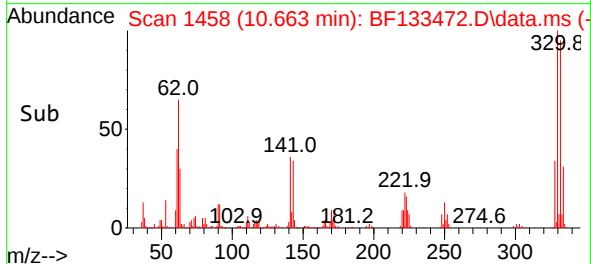
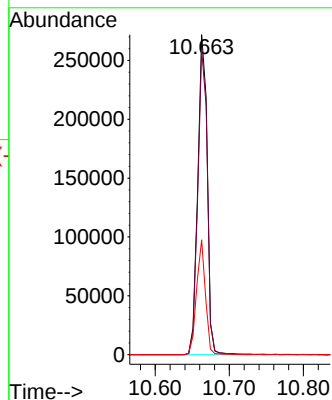


#42
2,4,6-Tribromophenol
Concen: 131.599 ng
RT: 10.663 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF133472.D
Acq: 24 May 2023 15:54

Instrument :
BNA_F
ClientSampleId :
TP-32

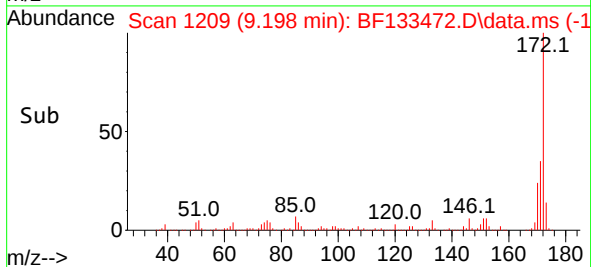
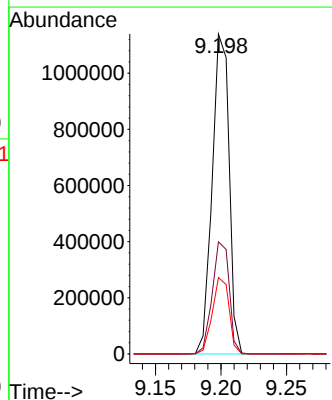
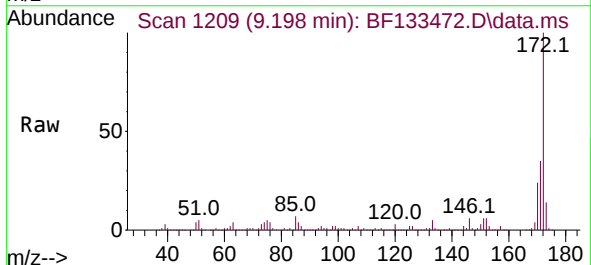


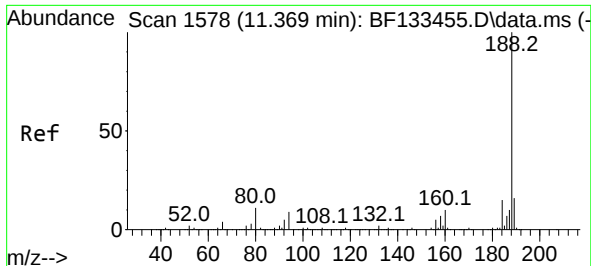
Tgt Ion:330 Resp: 240861
Ion Ratio Lower Upper
330 100
332 95.6 77.0 115.6
141 33.7 28.5 42.7



#45
2-Fluorobiphenyl
Concen: 72.664 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF133472.D
Acq: 24 May 2023 15:54

Tgt Ion:172 Resp: 1023303
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 23.9 19.0 28.4

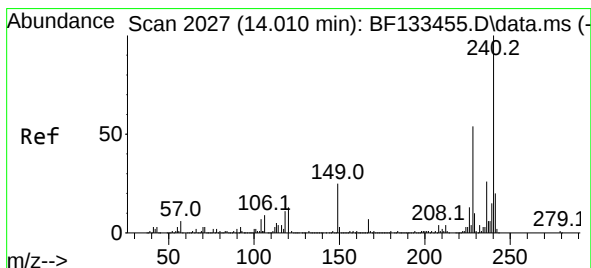
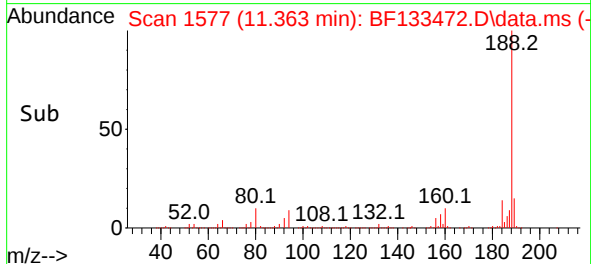
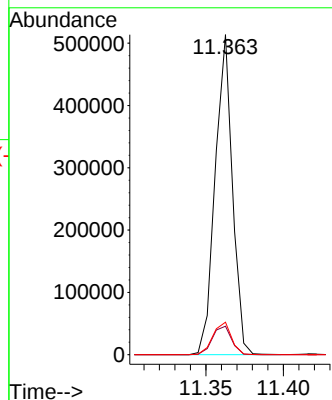
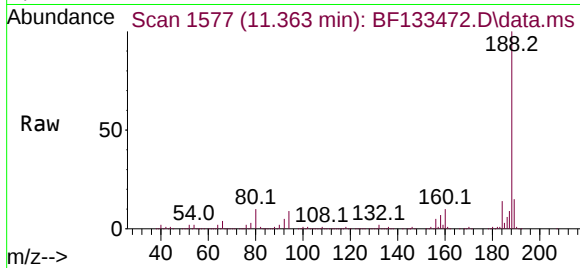




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133472.D
Acq: 24 May 2023 15:54

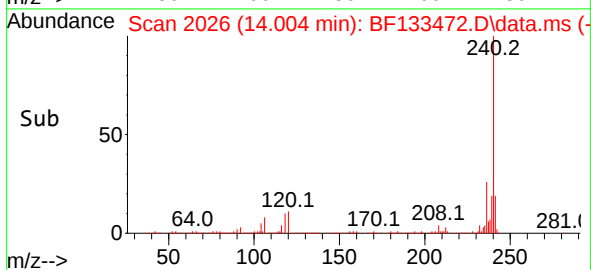
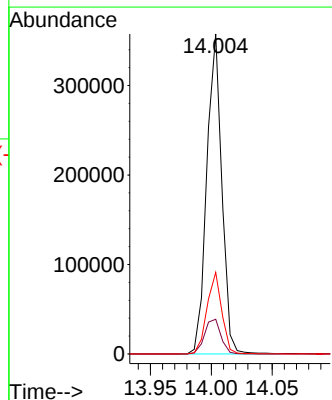
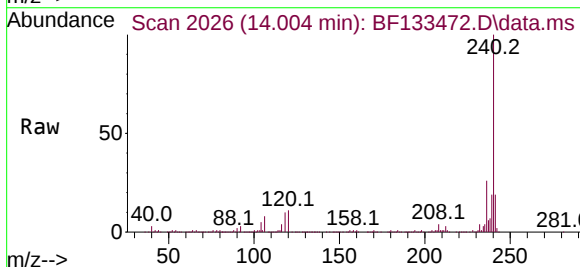
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BNA_F
ClientSampleId :
TP-32

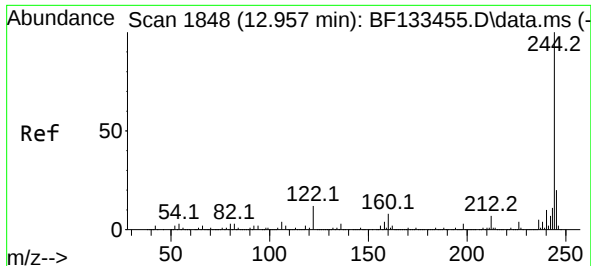
Tgt Ion:188 Resp: 397993
Ion Ratio Lower Upper
188 100
94 8.9 7.5 11.3
80 10.2 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF133472.D
Acq: 24 May 2023 15:54

Tgt Ion:240 Resp: 307511
Ion Ratio Lower Upper
240 100
120 10.9 10.2 15.4
236 25.5 20.9 31.3

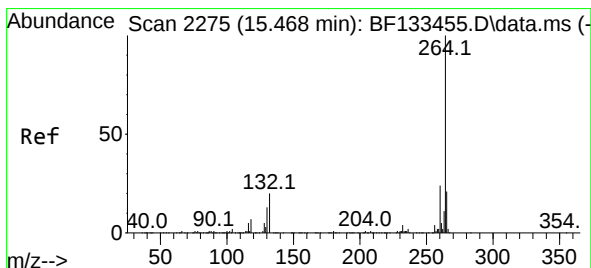
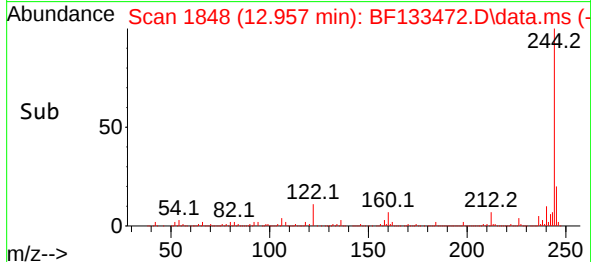
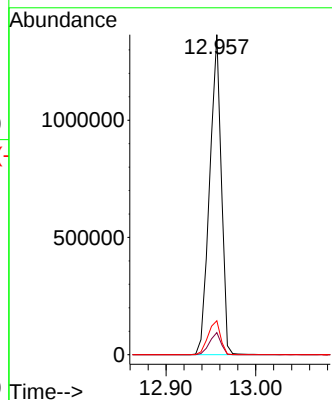
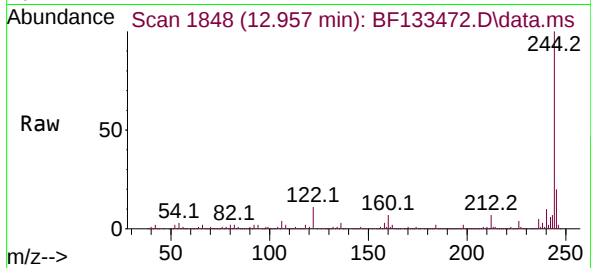




#79
 Terphenyl-d14
 Concen: 76.484 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF133472.D
 Acq: 24 May 2023 15:54

Instrument :
 BNA_F
 ClientSampleId :
 TP-32

Tgt Ion:244 Resp: 1230165
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.6 9.4 14.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2274
 Delta R.T. -0.006 min
 Lab File: BF133472.D
 Acq: 24 May 2023 15:54

Tgt Ion:264 Resp: 262737
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.8 28.2
 265 20.5 17.0 25.4

