

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052423\
 Data File : BF133474.D
 Acq On : 24 May 2023 16:57
 Operator : CG\JU
 Sample : 02894-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-40A

Quant Time: May 24 17:48:53 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	103599	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	400702	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	194354	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	391159	20.000	ng	0.00
76) Chrysene-d12	14.004	240	300923	20.000	ng	0.00
86) Perylene-d12	15.462	264	245357	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	741384	116.980	ng	0.01
7) Phenol-d6	6.463	99	836884	109.844	ng	0.00
23) Nitrobenzene-d5	7.404	82	585205	100.969	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	259754	144.681	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1088680	78.809	ng	0.00
79) Terphenyl-d14	12.957	244	1289957	81.957	ng	0.00

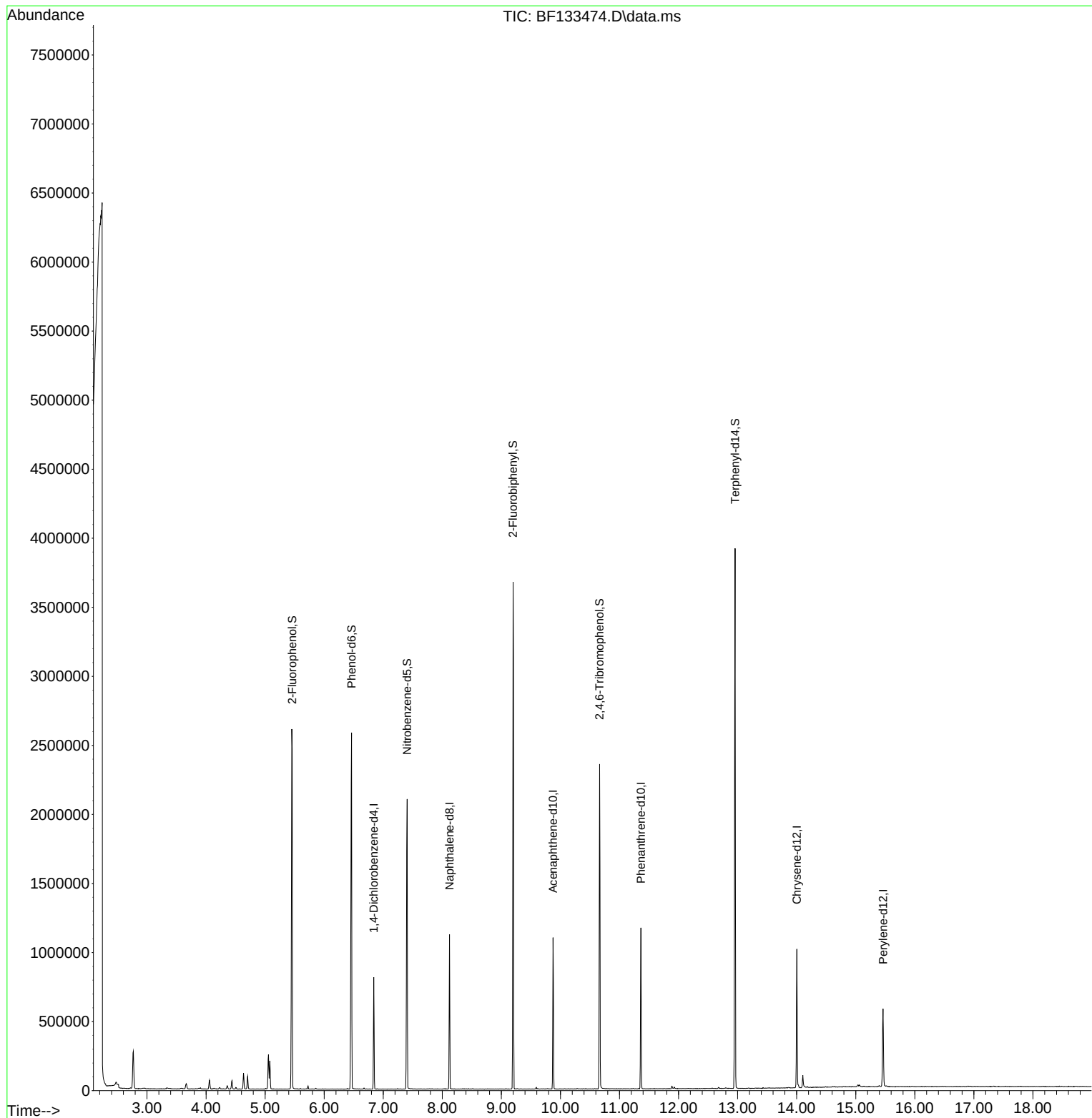
Target Compounds	Qvalue

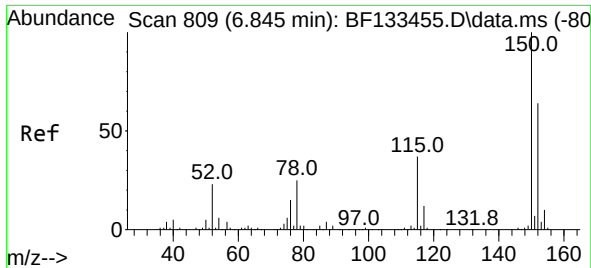
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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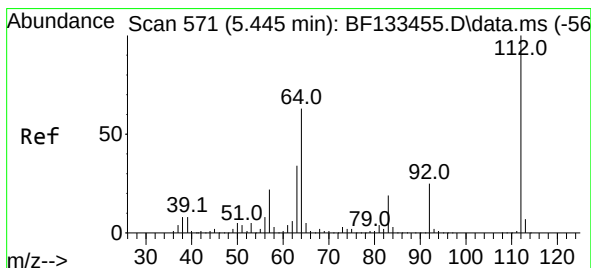
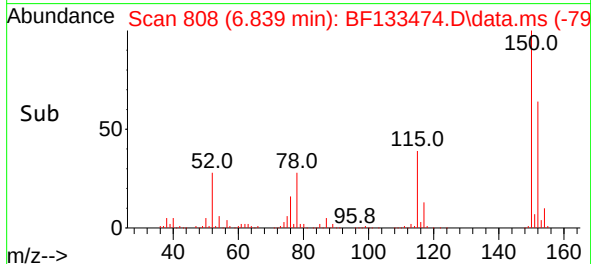
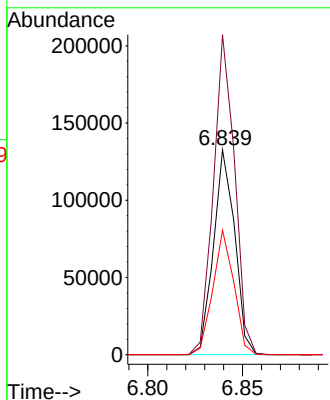
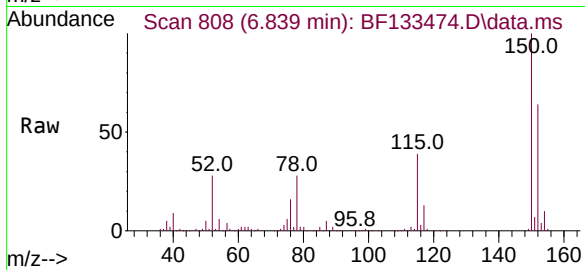




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF133474.D
Acq: 24 May 2023 16:57

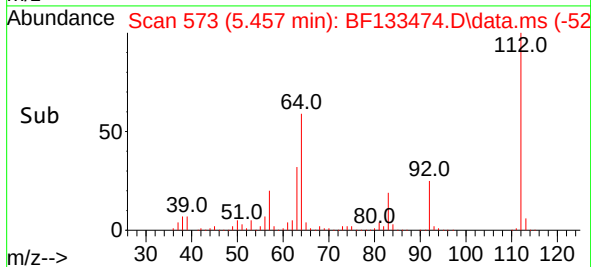
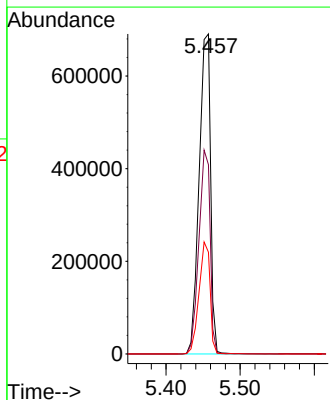
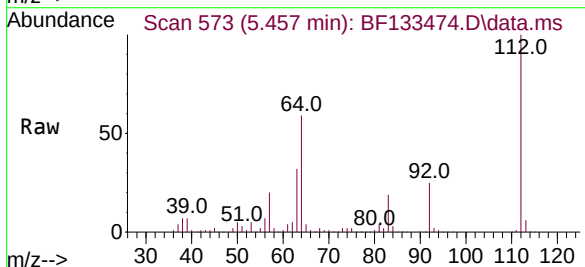
Instrument :
BNA_F
ClientSampleId :
TP-40A

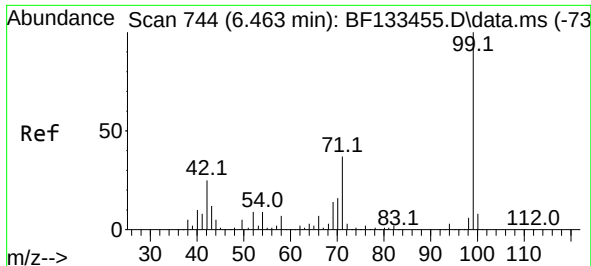
Tgt Ion:152 Resp: 103599
Ion Ratio Lower Upper
152 100
150 156.3 125.6 188.4
115 60.8 47.0 70.4



#5
2-Fluorophenol
Concen: 116.980 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.012 min
Lab File: BF133474.D
Acq: 24 May 2023 16:57

Tgt Ion:112 Resp: 741384
Ion Ratio Lower Upper
112 100
64 59.1 50.2 75.4
63 31.8 27.2 40.8

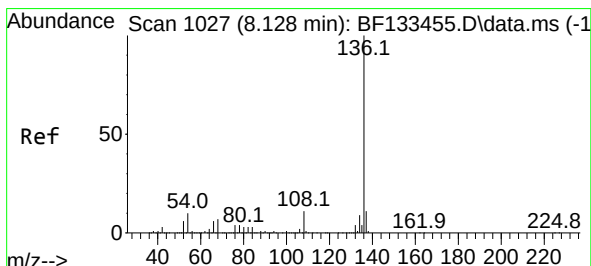
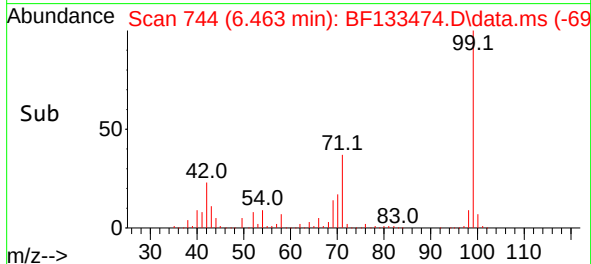
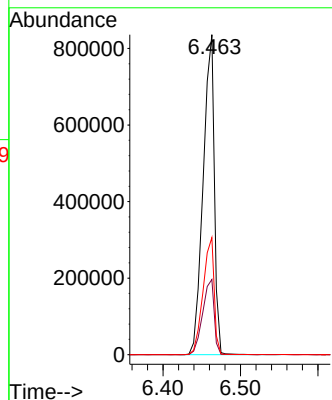
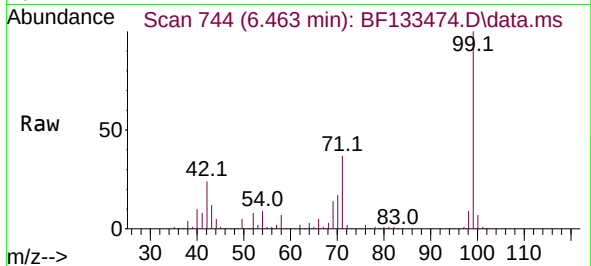




#7
Phenol-d6
Concen: 109.844 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF133474.D
Acq: 24 May 2023 16:57

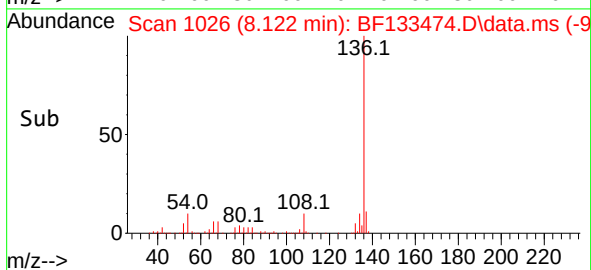
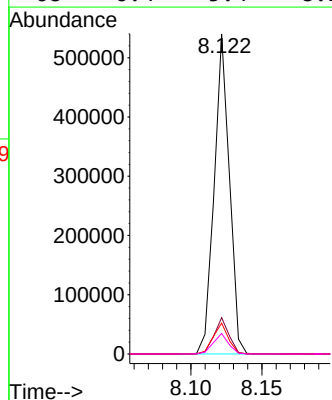
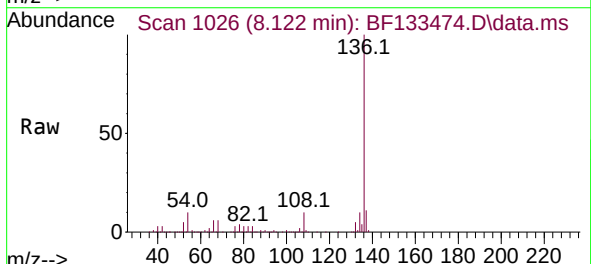
Instrument :
BNA_F
ClientSampleId :
TP-40A

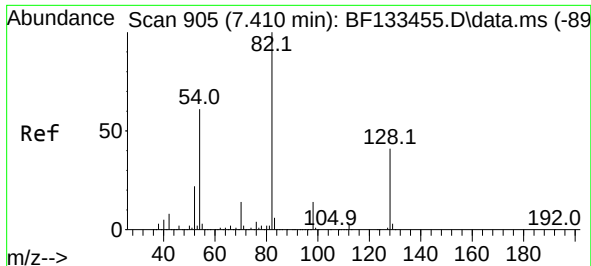
Tgt Ion: 99 Resp: 836884
Ion Ratio Lower Upper
99 100
42 23.5 19.6 29.4
71 36.6 29.5 44.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF133474.D
Acq: 24 May 2023 16:57

Tgt Ion: 136 Resp: 400702
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 9.6 8.0 12.0
68 6.4 5.4 8.2





#23

Nitrobenzene-d5

Concen: 100.969 ng

RT: 7.404 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133474.D

Acq: 24 May 2023 16:57

Instrument :

BNA_F

ClientSampleId :

TP-40A

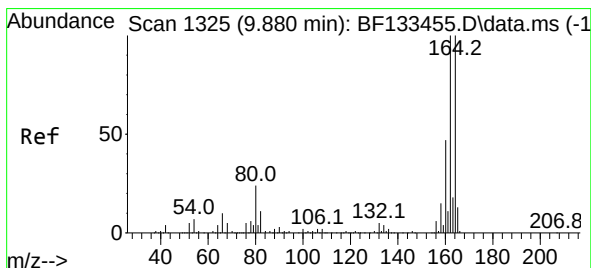
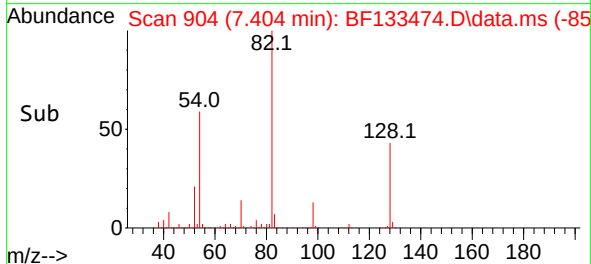
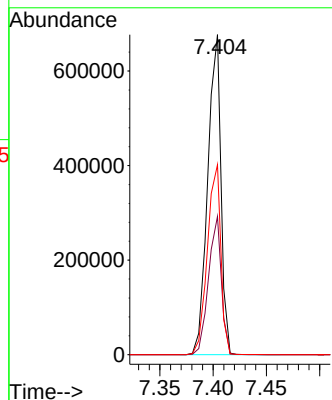
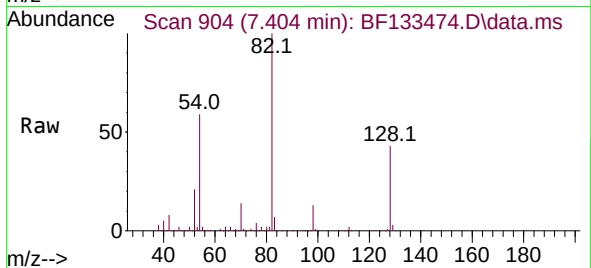
Tgt Ion: 82 Resp: 585205

Ion Ratio Lower Upper

82 100

128 43.2 33.0 49.6

54 59.4 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: BF133474.D

Acq: 24 May 2023 16:57

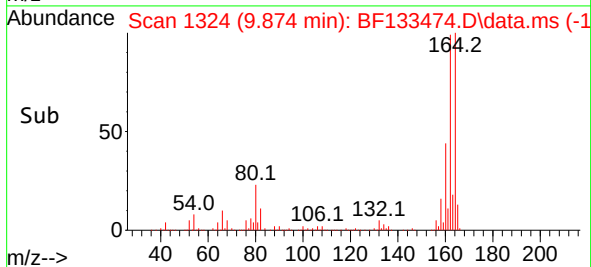
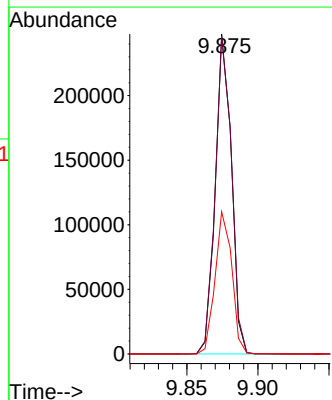
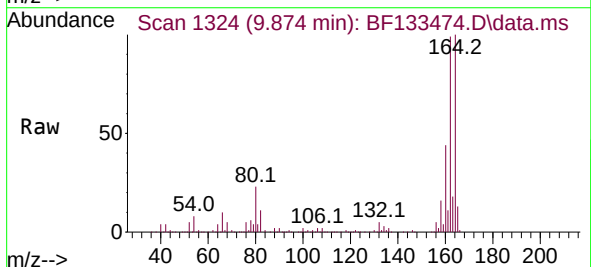
Tgt Ion:164 Resp: 194354

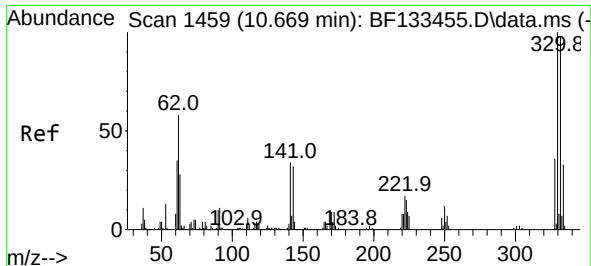
Ion Ratio Lower Upper

164 100

162 99.2 79.8 119.6

160 44.4 37.4 56.0





#42

2,4,6-Tribromophenol

Concen: 144.681 ng

RT: 10.663 min Scan# 1459

Delta R.T. -0.006 min

Lab File: BF133474.D

Acq: 24 May 2023 16:57

Instrument :

BNA_F

ClientSampleId :

TP-40A

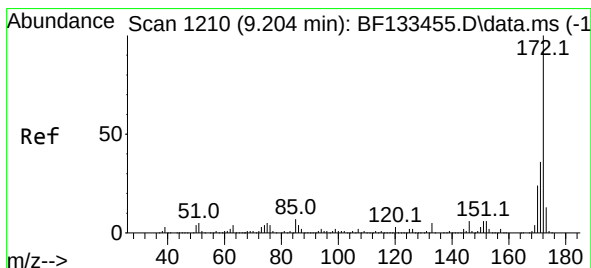
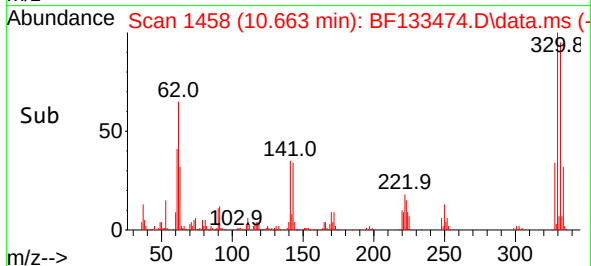
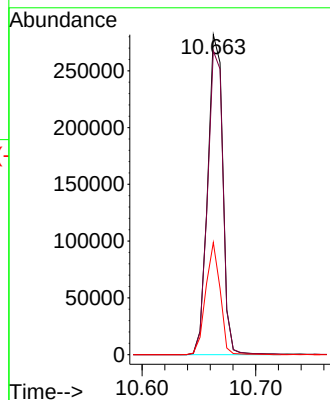
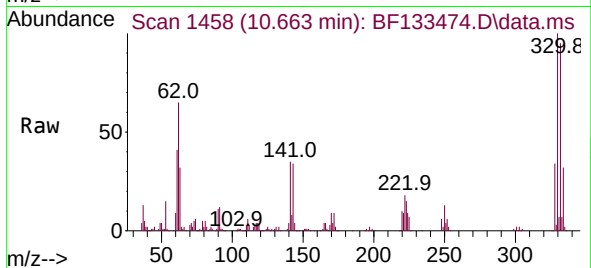
Tgt Ion:330 Resp: 259754

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

141 33.4 28.5 42.7



#45

2-Fluorobiphenyl

Concen: 78.809 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF133474.D

Acq: 24 May 2023 16:57

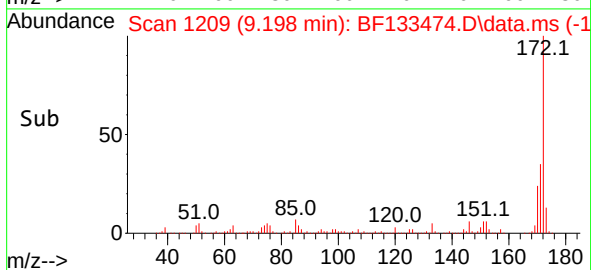
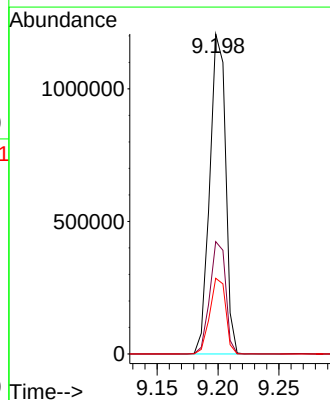
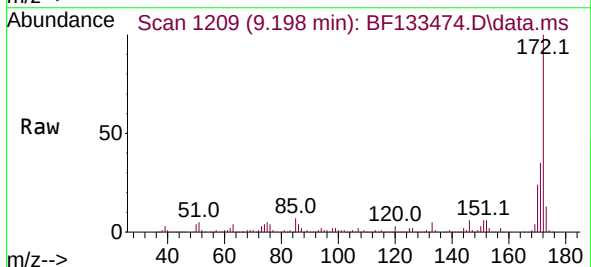
Tgt Ion:172 Resp: 1088680

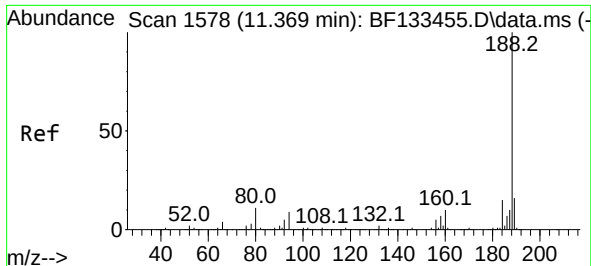
Ion Ratio Lower Upper

172 100

171 35.1 28.5 42.7

170 23.6 19.0 28.4

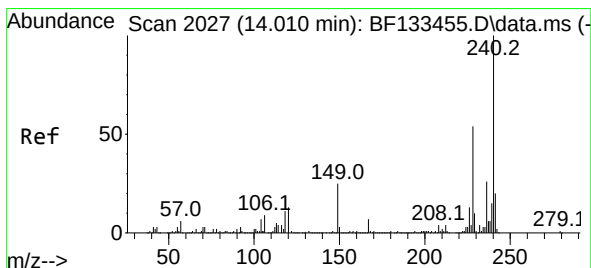
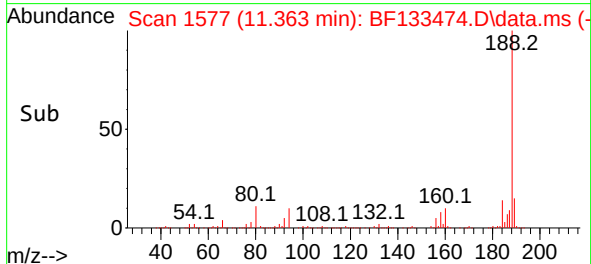
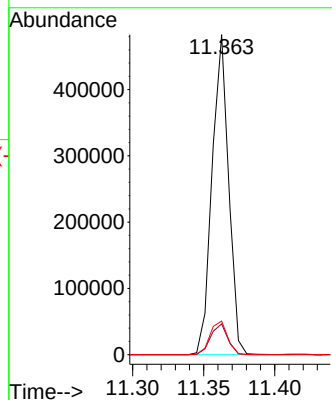
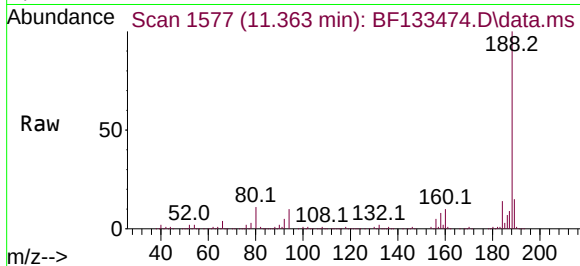




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133474.D
Acq: 24 May 2023 16:57

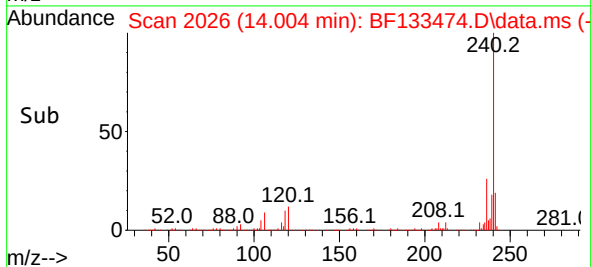
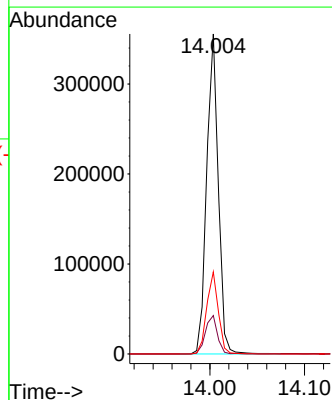
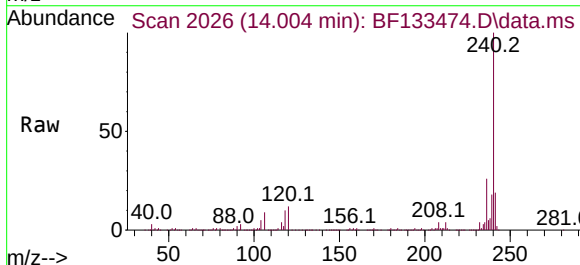
Instrument :
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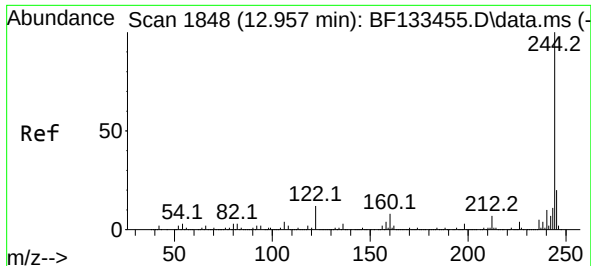
Tgt Ion:188 Resp: 391159
Ion Ratio Lower Upper
188 100
94 9.6 7.5 11.3
80 10.5 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF133474.D
Acq: 24 May 2023 16:57

Tgt Ion:240 Resp: 300923
Ion Ratio Lower Upper
240 100
120 12.0 10.2 15.4
236 25.7 20.9 31.3

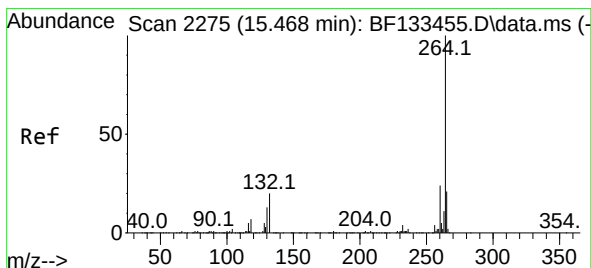
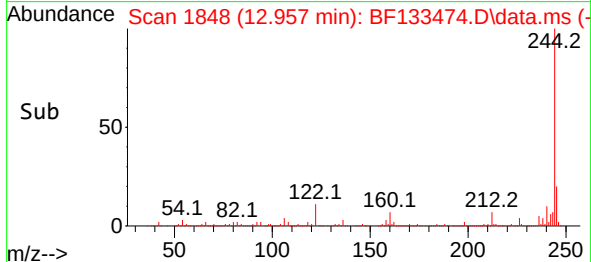
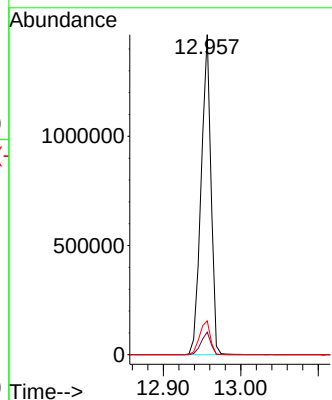
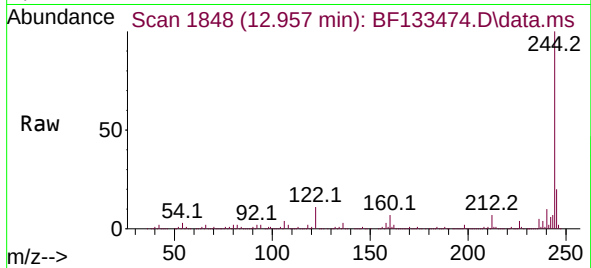




#79
 Terphenyl-d14
 Concen: 81.957 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF133474.D
 Acq: 24 May 2023 16:57

Instrument :
 BNA_F
 ClientSampleId :
 TP-40A

Tgt Ion:244 Resp: 1289957
 Ion Ratio Lower Upper
 244 100
 212 7.1 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: BF133474.D
 Acq: 24 May 2023 16:57

Tgt Ion:264 Resp: 245357
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.8 28.2
 265 21.7 17.0 25.4

