

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052423\
 Data File : BF133465.D
 Acq On : 24 May 2023 12:16
 Operator : CG\JU
 Sample : 02886-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: May 24 18:09:03 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	6.840	152	101062	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	389855	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	190437	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	378211	20.000	ng	0.00
76) Chrysene-d12	14.004	240	303994	20.000	ng	0.00
86) Perylene-d12	15.463	264	293026	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	636900	103.016	ng	0.00
7) Phenol-d6	6.463	99	719909	96.863	ng	0.00
23) Nitrobenzene-d5	7.404	82	512206	90.833	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	235702	133.984	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	936061	69.155	ng	0.00
79) Terphenyl-d14	12.957	244	1146806	72.126	ng	0.00

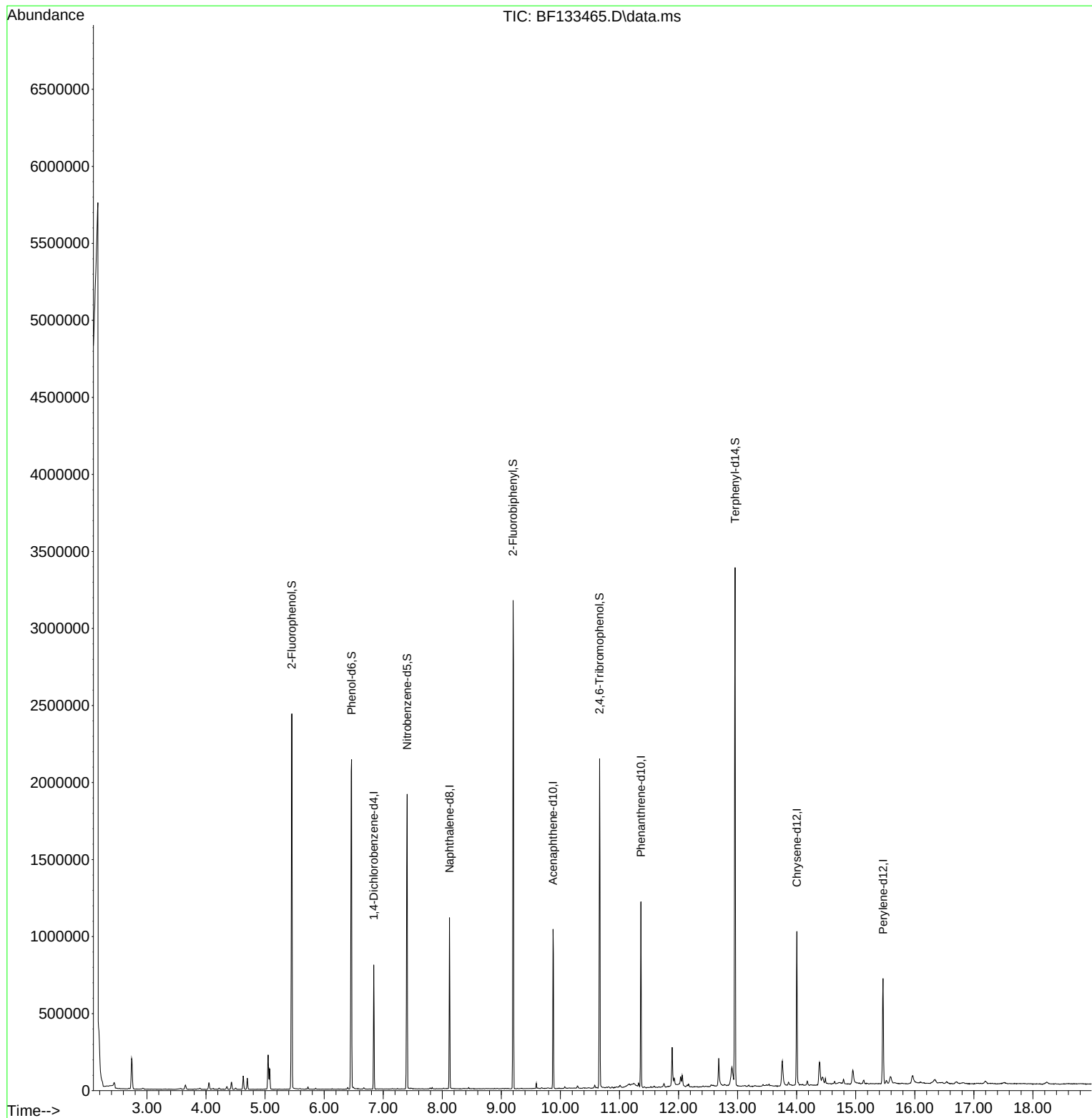
Target Compounds	Qvalue

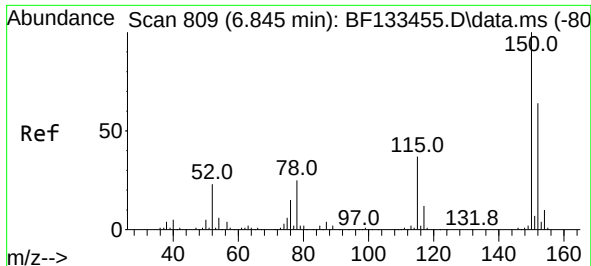
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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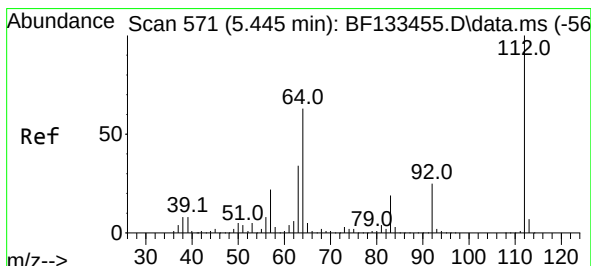
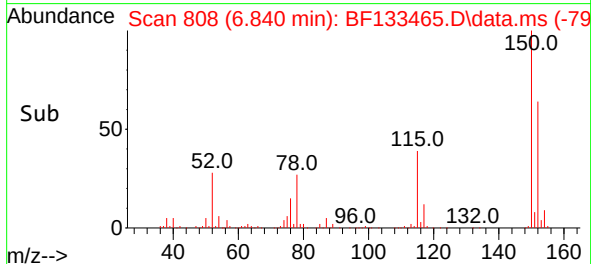
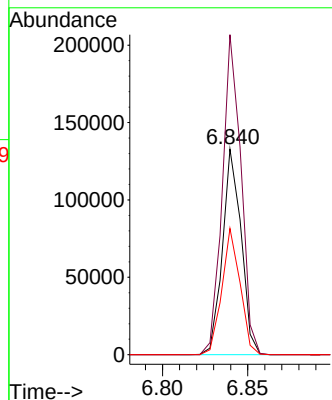
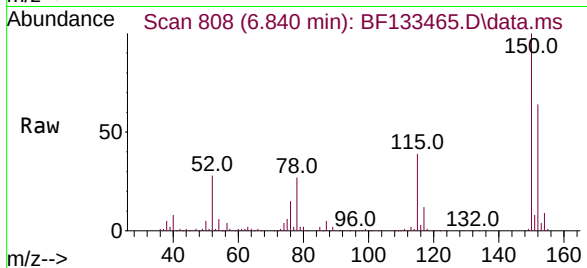




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 809
Delta R.T. -0.005 min
Lab File: BF133465.D
Acq: 24 May 2023 12:16

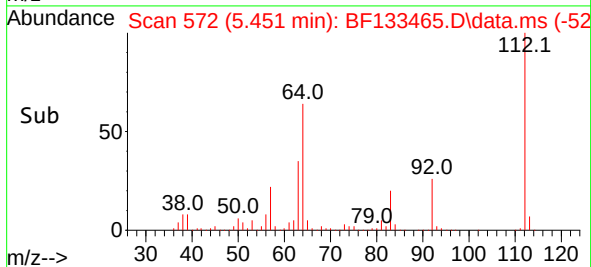
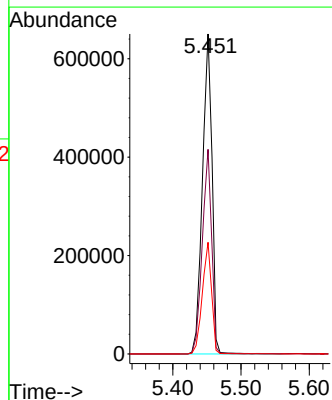
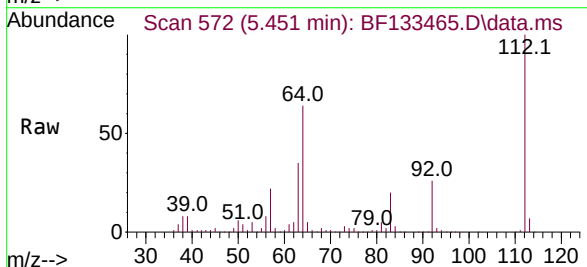
Instrument :
BNA_F
ClientSampleId :
WC-1

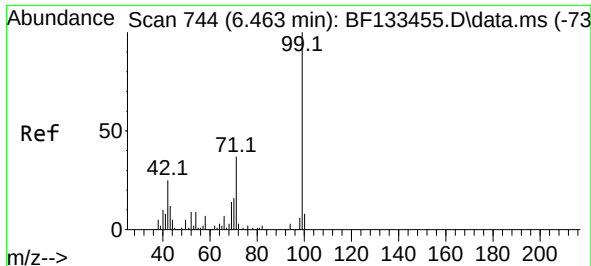
Tgt Ion:152 Resp: 101062
Ion Ratio Lower Upper
152 100
150 155.6 125.6 188.4
115 61.4 47.0 70.4



#5
2-Fluorophenol
Concen: 103.016 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.006 min
Lab File: BF133465.D
Acq: 24 May 2023 12:16

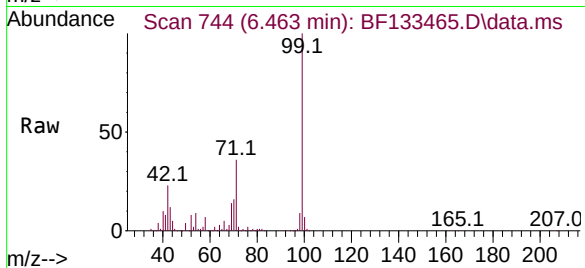
Tgt Ion:112 Resp: 636900
Ion Ratio Lower Upper
112 100
64 64.0 50.2 75.4
63 34.9 27.2 40.8



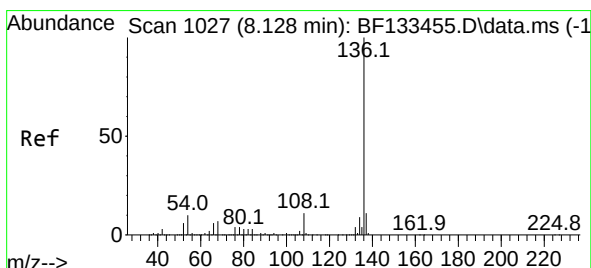
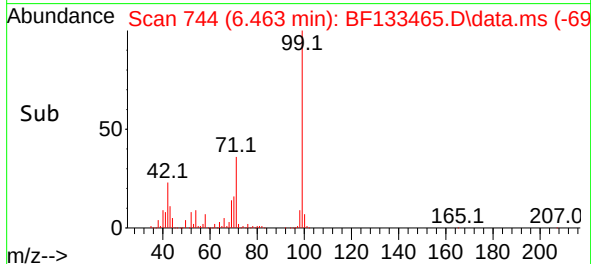
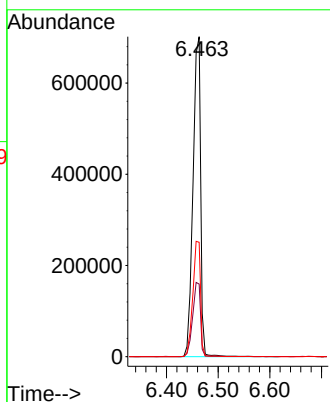


#7
Phenol-d6
Concen: 96.863 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF133465.D
Acq: 24 May 2023 12:16

Instrument :
BNA_F
ClientSampleId :
WC-1

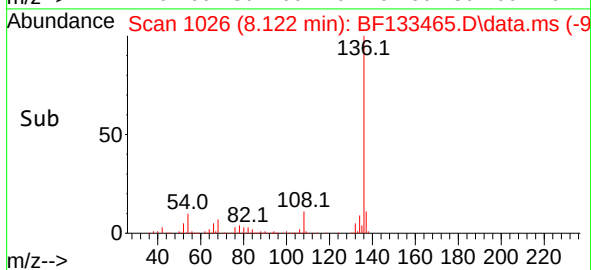
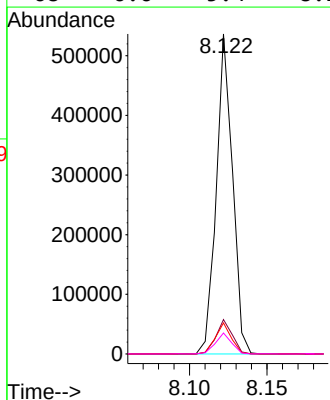
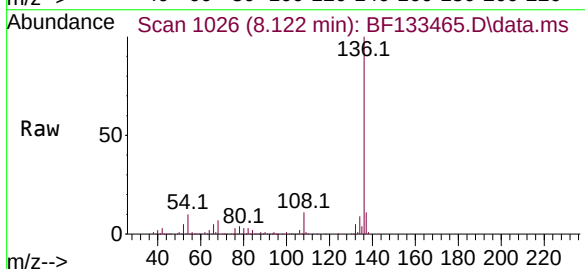


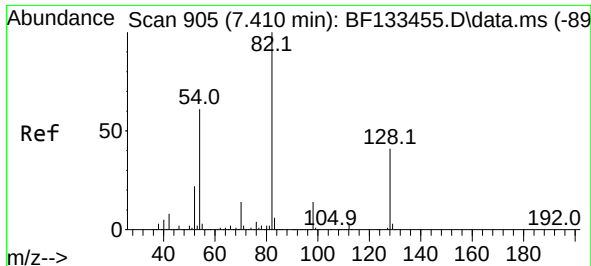
Tgt Ion:	99	Resp:	719909
Ion	Ratio	Lower	Upper
99	100		
42	22.7	19.6	29.4
71	35.7	29.5	44.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF133465.D
Acq: 24 May 2023 12:16

Tgt Ion:	136	Resp:	389855
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	9.7	8.0	12.0
68	6.6	5.4	8.2





#23

Nitrobenzene-d5

Concen: 90.833 ng

RT: 7.404 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133465.D

Acq: 24 May 2023 12:16

Instrument :

BNA_F

ClientSampleId :

WC-1

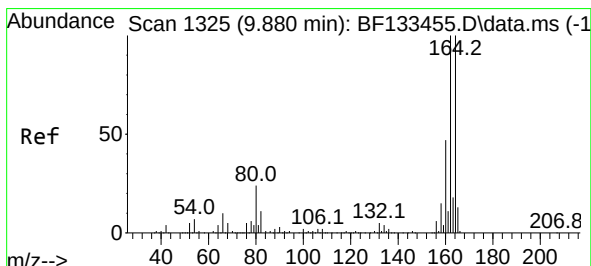
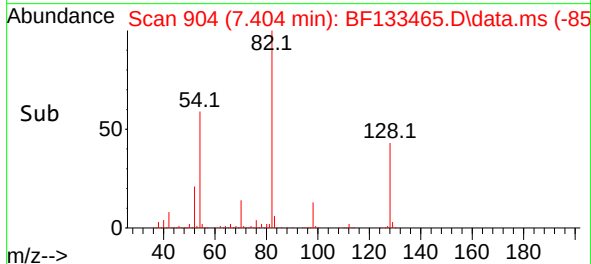
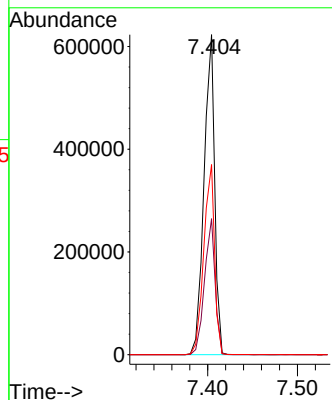
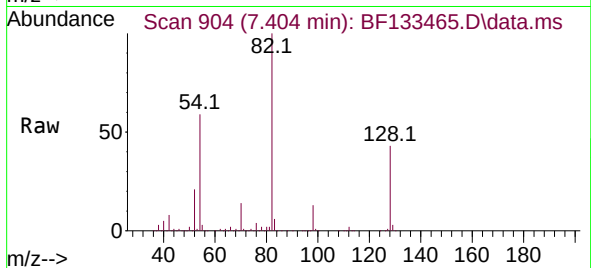
Tgt Ion: 82 Resp: 512206

Ion Ratio Lower Upper

82 100

128 42.5 33.0 49.6

54 59.4 48.5 72.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1324

Delta R.T. -0.005 min

Lab File: BF133465.D

Acq: 24 May 2023 12:16

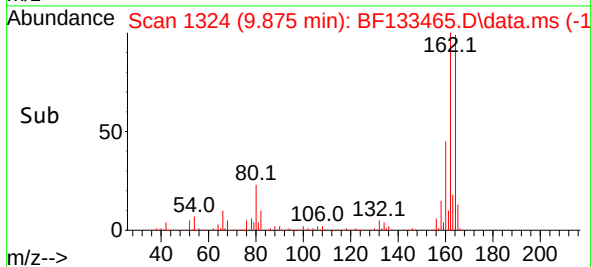
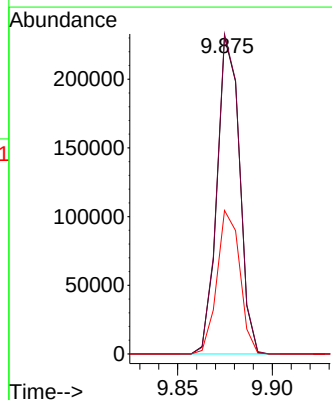
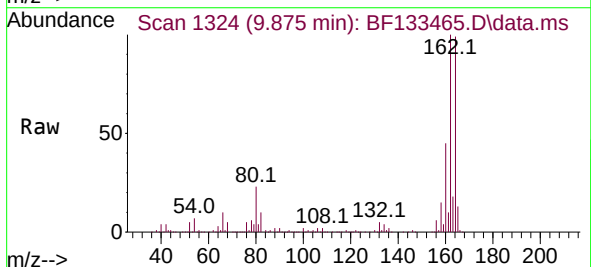
Tgt Ion:164 Resp: 190437

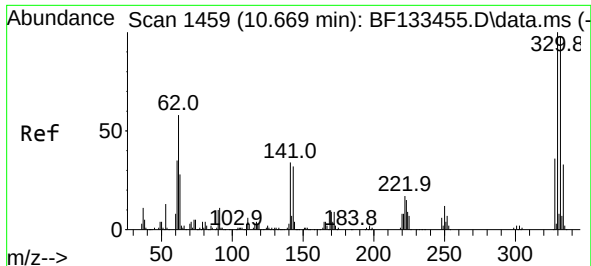
Ion Ratio Lower Upper

164 100

162 100.8 79.8 119.6

160 45.2 37.4 56.0





#42

2,4,6-Tribromophenol

Concen: 133.984 ng

RT: 10.663 min Scan# 1459

Delta R.T. -0.006 min

Lab File: BF133465.D

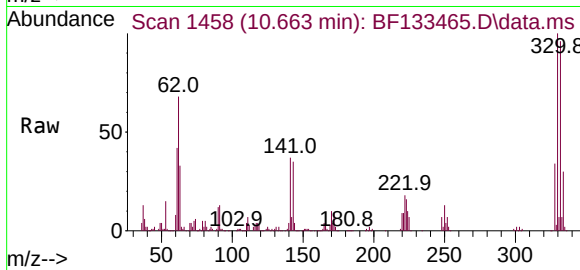
Acq: 24 May 2023 12:16

Instrument :

BNA_F

ClientSampleId :

WC-1



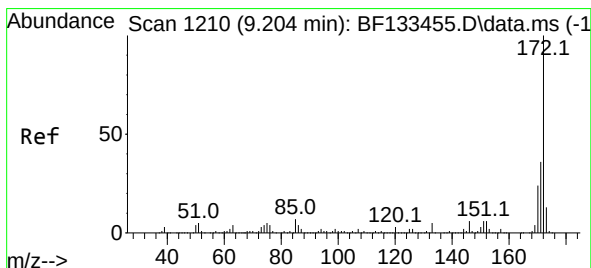
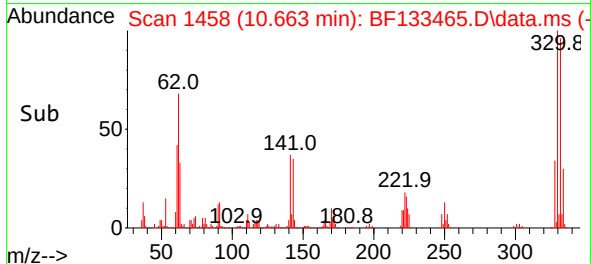
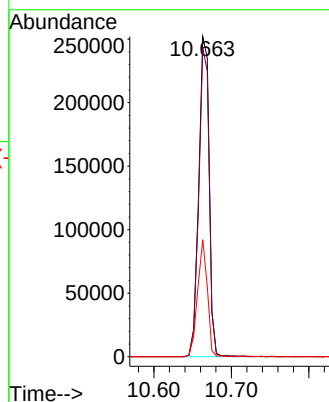
Tgt Ion:330 Resp: 235702

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

141 34.0 28.5 42.7



#45

2-Fluorobiphenyl

Concen: 69.155 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF133465.D

Acq: 24 May 2023 12:16

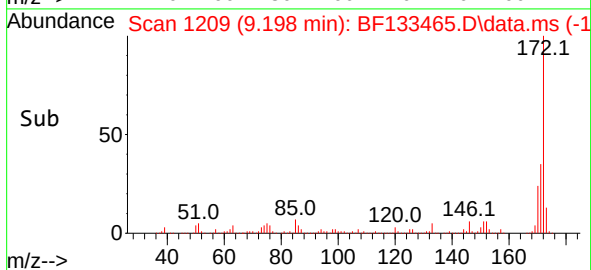
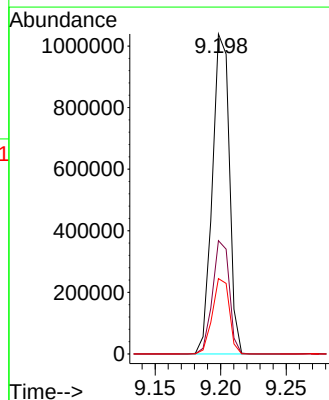
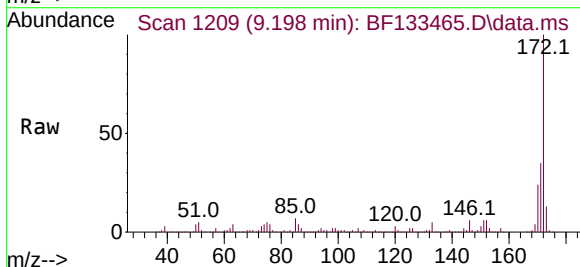
Tgt Ion:172 Resp: 936061

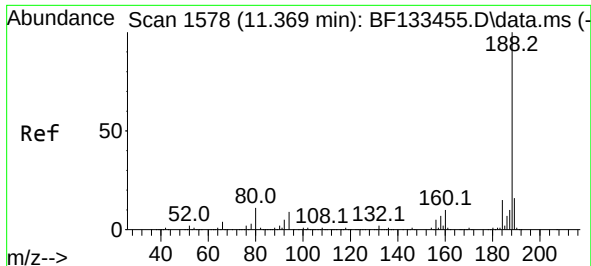
Ion Ratio Lower Upper

172 100

171 35.4 28.5 42.7

170 23.5 19.0 28.4

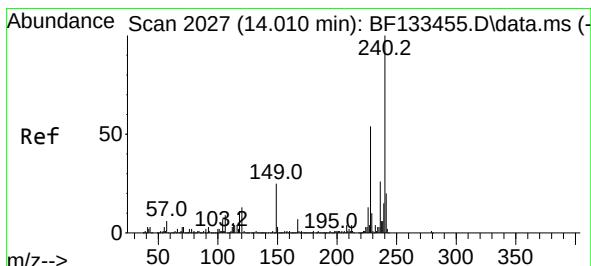
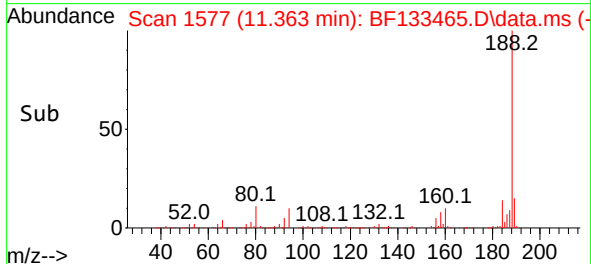
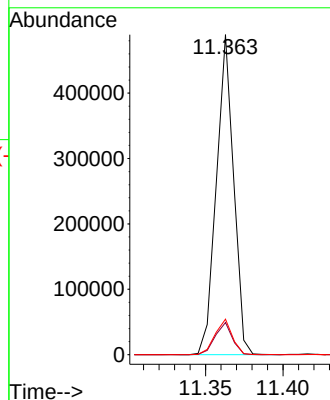
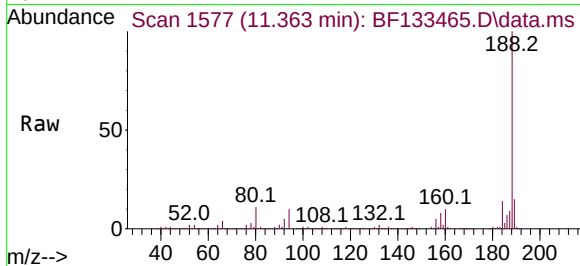




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133465.D
Acq: 24 May 2023 12:16

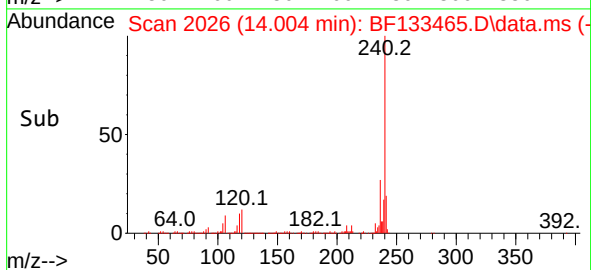
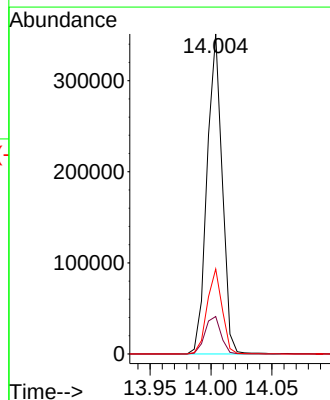
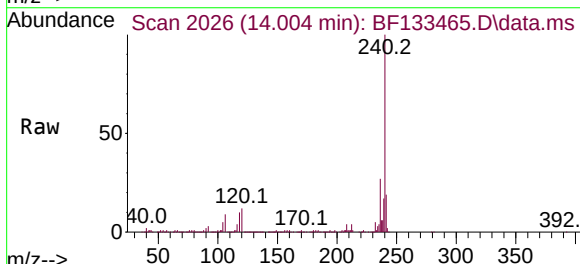
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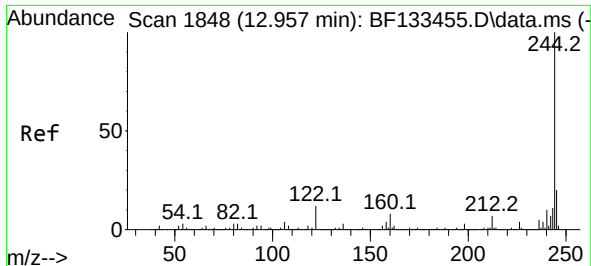
Tgt Ion:188 Resp: 378211
Ion Ratio Lower Upper
188 100
94 10.0 7.5 11.3
80 11.1 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF133465.D
Acq: 24 May 2023 12:16

Tgt Ion:240 Resp: 303994
Ion Ratio Lower Upper
240 100
120 11.7 10.2 15.4
236 26.6 20.9 31.3

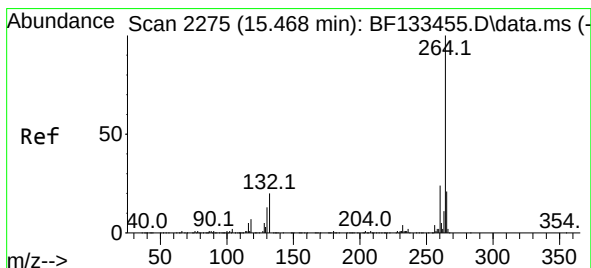
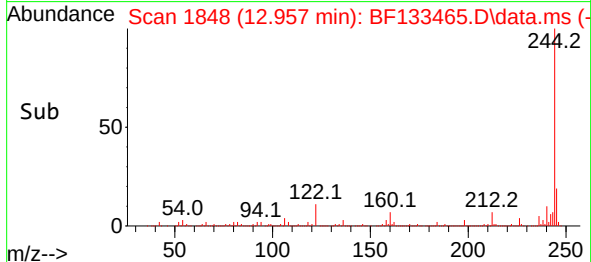
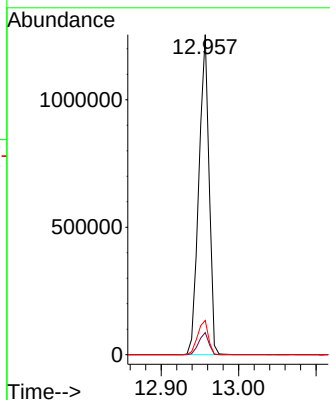
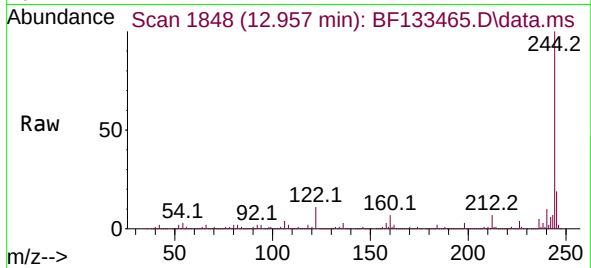




#79
 Terphenyl-d14
 Concen: 72.126 ng
 RT: 12.957 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133465.D
 Acq: 24 May 2023 12:16

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Tgt Ion:244 Resp: 1146806
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.7 9.4 14.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2274
 Delta R.T. -0.006 min
 Lab File: BF133465.D
 Acq: 24 May 2023 12:16

Tgt Ion:264 Resp: 293026
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.8 28.2
 265 21.9 17.0 25.4

