

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052423\
 Data File : BF133479.D
 Acq On : 24 May 2023 19:40
 Operator : CG\JU
 Sample : 02899-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC08

Quant Time: May 25 05:22:15 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	107399	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	406862	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	195152	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	357159	20.000	ng	0.00
76) Chrysene-d12	14.004	240	229671	20.000	ng	0.00
86) Perylene-d12	15.462	264	168016	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	587733	89.454	ng	0.00
7) Phenol-d6	6.457	99	713871	90.383	ng	0.00
23) Nitrobenzene-d5	7.398	82	430539	73.159	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	170449	94.551	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	828021	59.695	ng	0.00
79) Terphenyl-d14	12.951	244	756456	62.972	ng	0.00

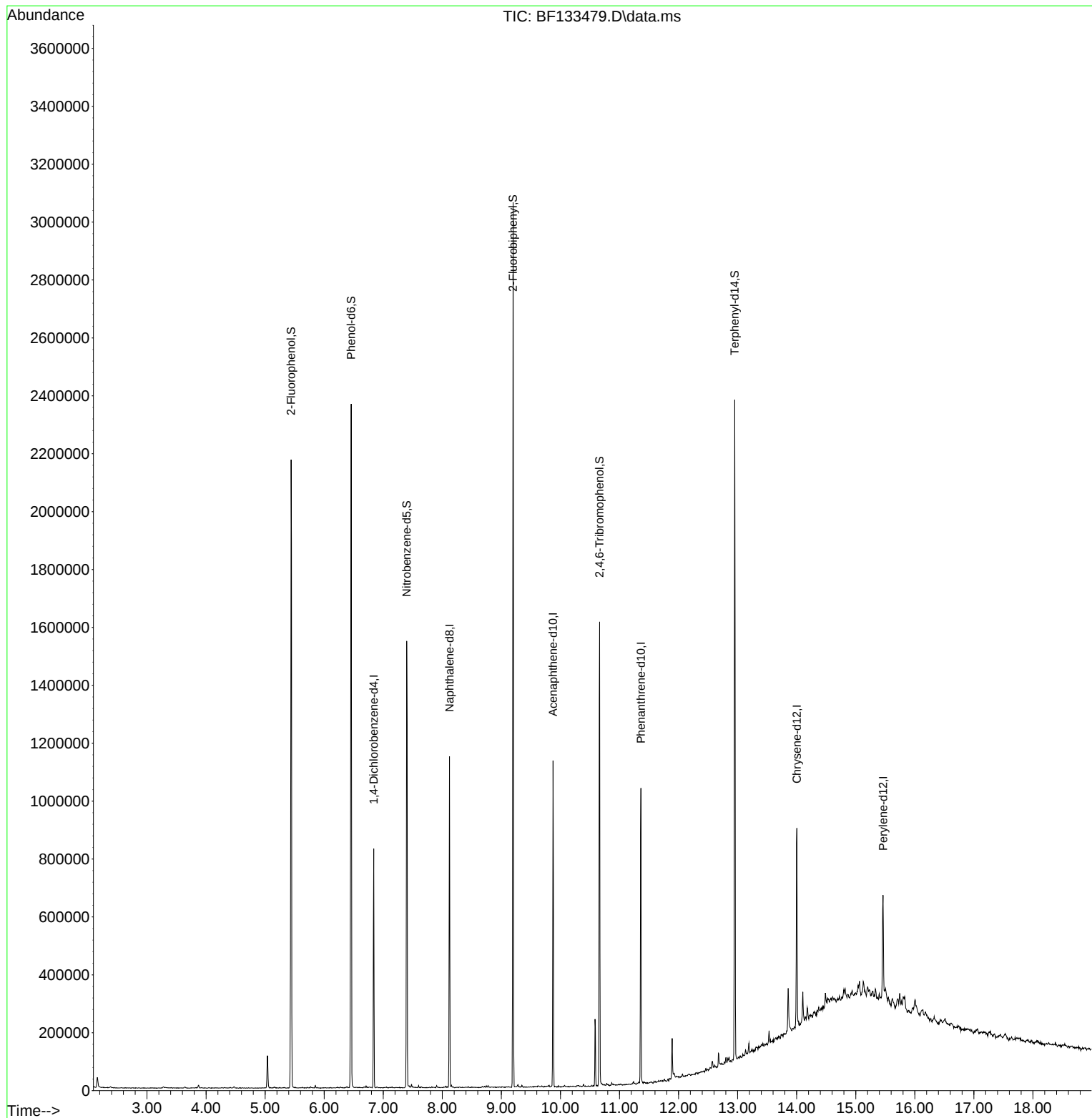
Target Compounds	Qvalue

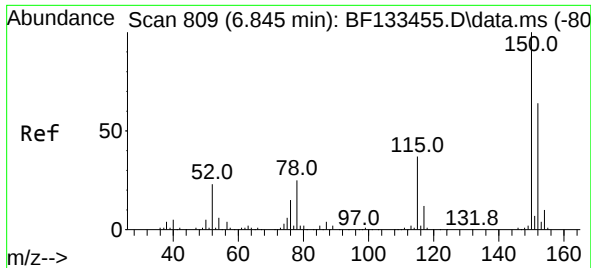
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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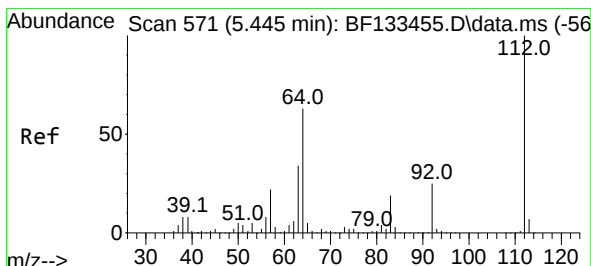
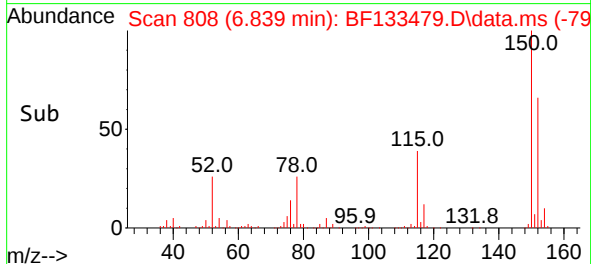
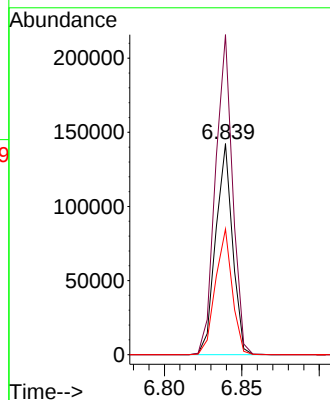
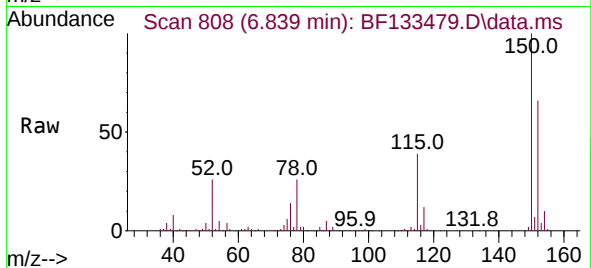




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF133479.D
Acq: 24 May 2023 19:40

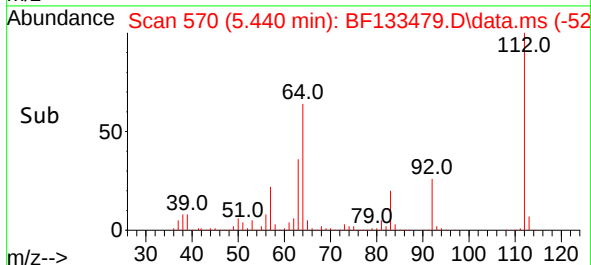
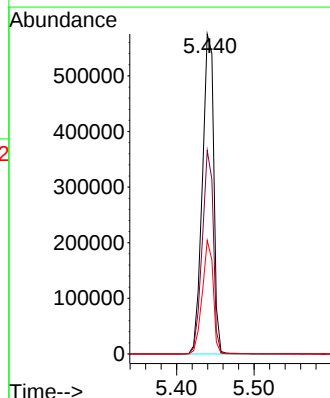
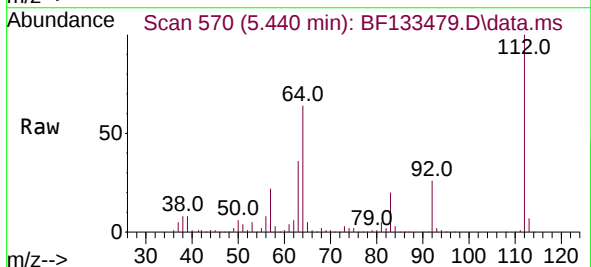
Instrument :
BNA_F
ClientSampleId :
WC08

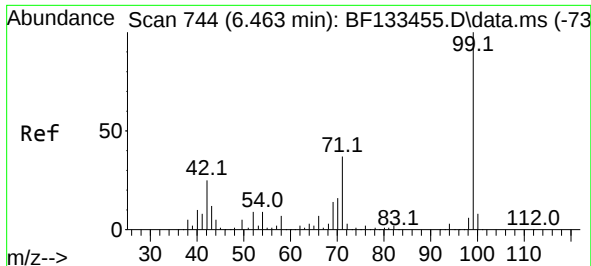
Tgt Ion:152 Resp: 107399
Ion Ratio Lower Upper
152 100
150 151.6 125.6 188.4
115 59.5 47.0 70.4



#5
2-Fluorophenol
Concen: 89.454 ng
RT: 5.440 min Scan# 570
Delta R.T. -0.006 min
Lab File: BF133479.D
Acq: 24 May 2023 19:40

Tgt Ion:112 Resp: 587733
Ion Ratio Lower Upper
112 100
64 63.6 50.2 75.4
63 35.5 27.2 40.8

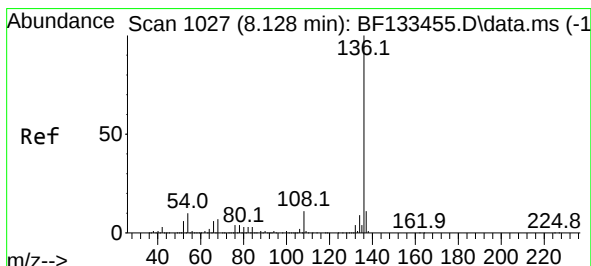
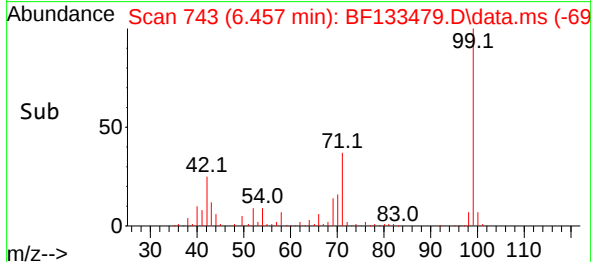
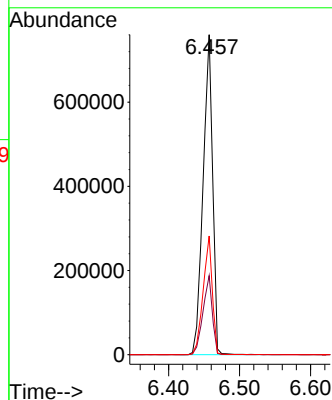
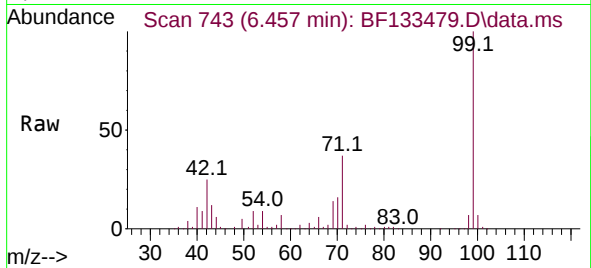




#7
Phenol-d6
Concen: 90.383 ng
RT: 6.457 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF133479.D
Acq: 24 May 2023 19:40

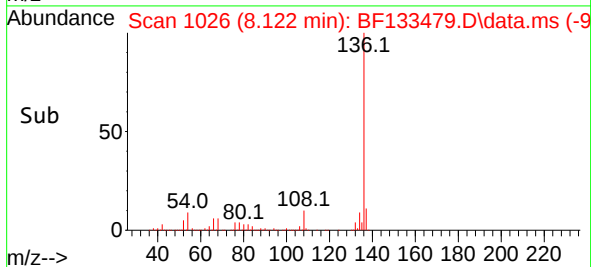
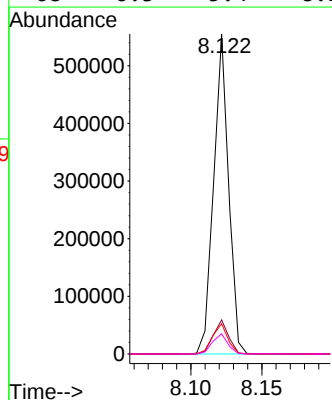
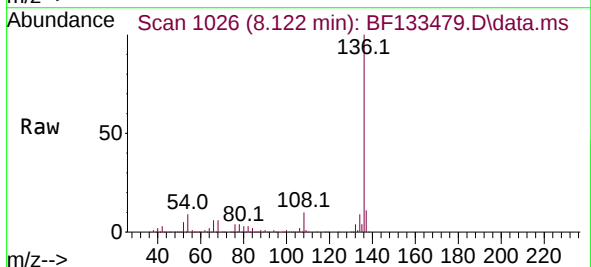
Instrument :
BNA_F
ClientSampleId :
WC08

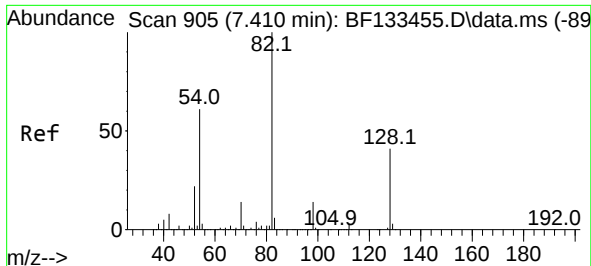
Tgt Ion: 99 Resp: 713871
Ion Ratio Lower Upper
99 100
42 24.7 19.6 29.4
71 37.1 29.5 44.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF133479.D
Acq: 24 May 2023 19:40

Tgt Ion: 136 Resp: 406862
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 9.5 8.0 12.0
68 6.3 5.4 8.2





#23

Nitrobenzene-d5

Concen: 73.159 ng

RT: 7.398 min Scan# 905

Delta R.T. -0.012 min

Lab File: BF133479.D

Acq: 24 May 2023 19:40

Instrument :

BNA_F

ClientSampleId :

WC08

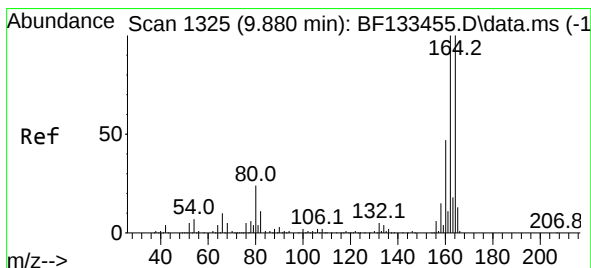
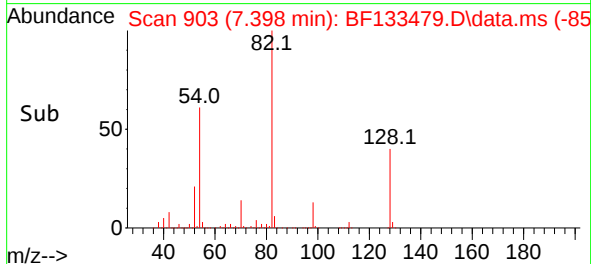
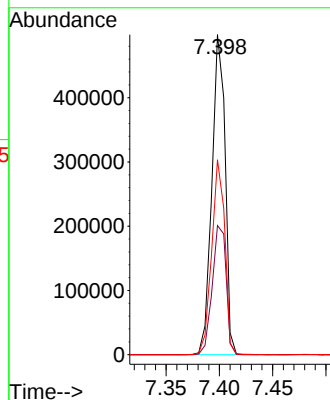
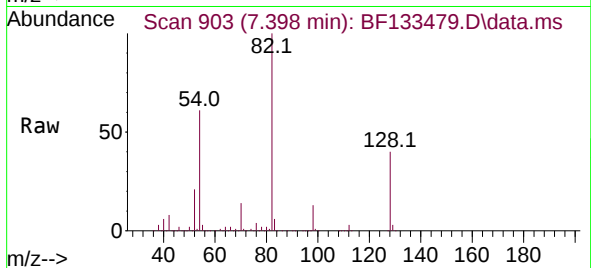
Tgt Ion: 82 Resp: 430539

Ion Ratio Lower Upper

82 100

128 40.3 33.0 49.6

54 60.9 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: BF133479.D

Acq: 24 May 2023 19:40

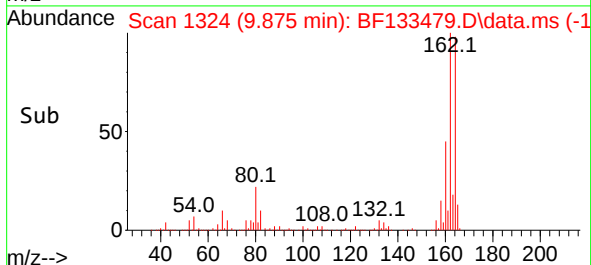
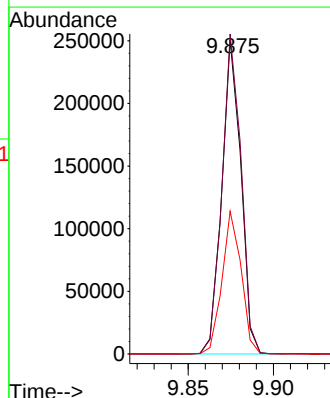
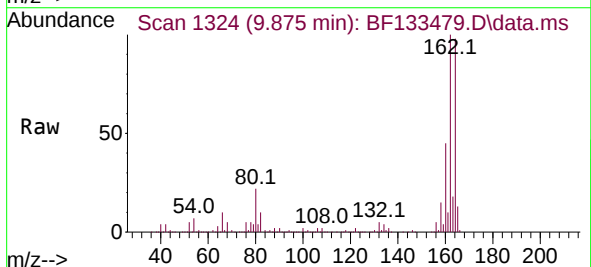
Tgt Ion: 164 Resp: 195152

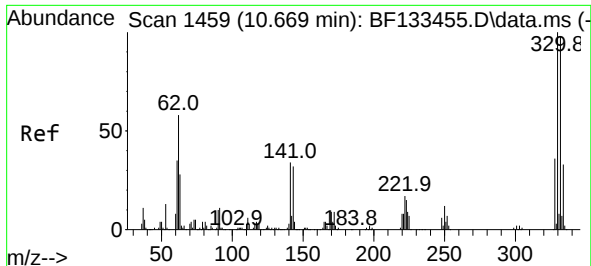
Ion Ratio Lower Upper

164 100

162 101.8 79.8 119.6

160 45.4 37.4 56.0

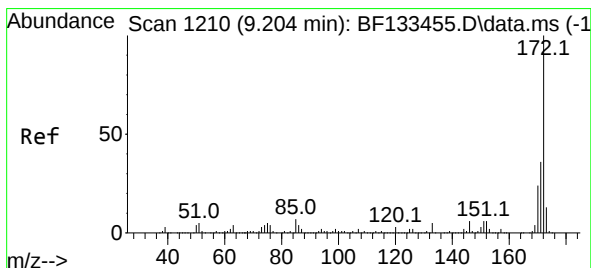
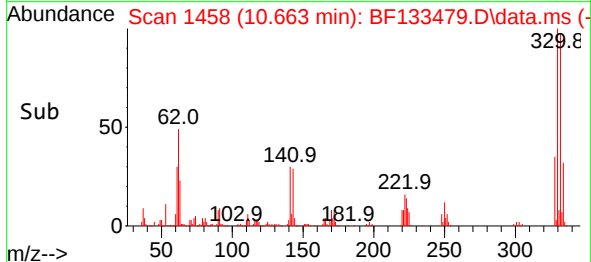
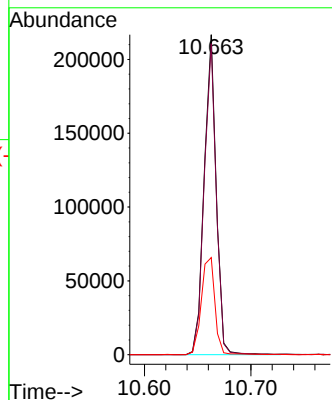
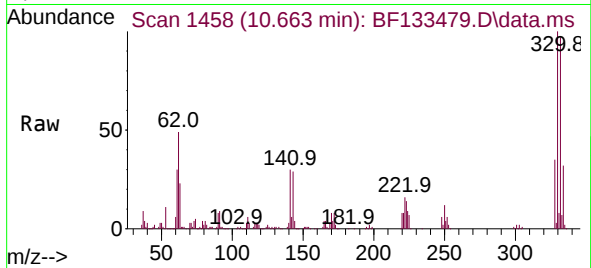




#42
2,4,6-Tribromophenol
Concen: 94.551 ng
RT: 10.663 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF133479.D
Acq: 24 May 2023 19:40

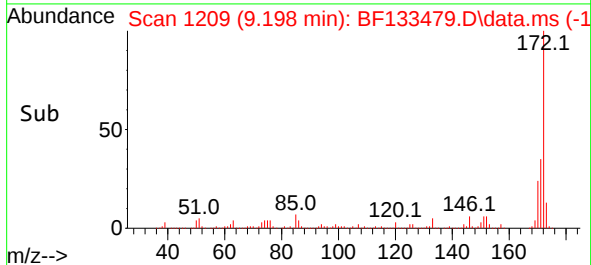
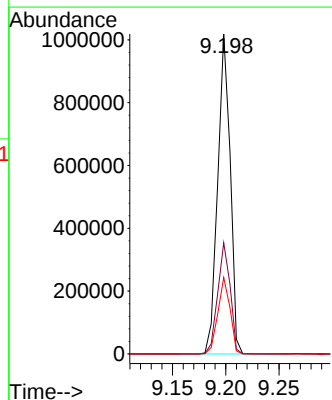
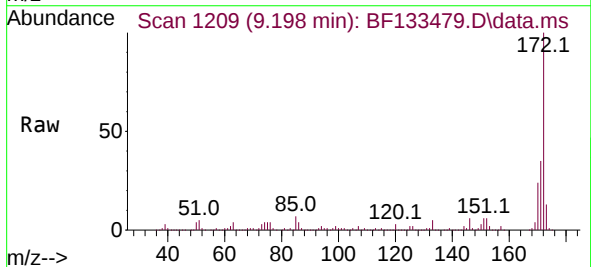
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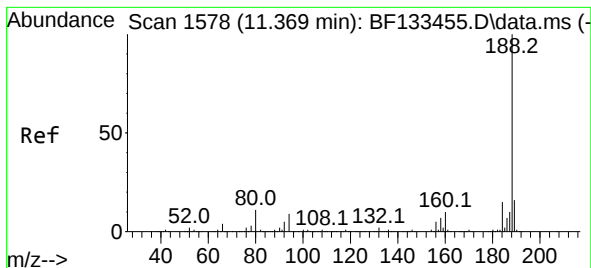
Tgt Ion:330 Resp: 170449
Ion Ratio Lower Upper
330 100
332 97.4 77.0 115.6
141 34.6 28.5 42.7



#45
2-Fluorobiphenyl
Concen: 59.695 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF133479.D
Acq: 24 May 2023 19:40

Tgt Ion:172 Resp: 828021
Ion Ratio Lower Upper
172 100
171 34.7 28.5 42.7
170 23.9 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133479.D

Acq: 24 May 2023 19:40

Instrument :

BNA_F

ClientSampleId :

WC08

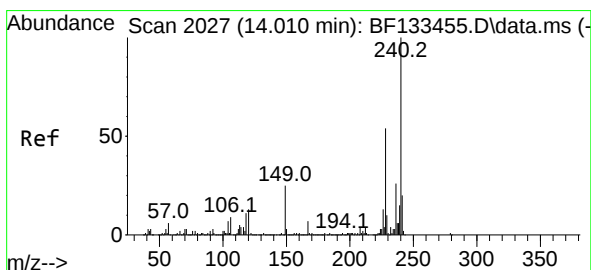
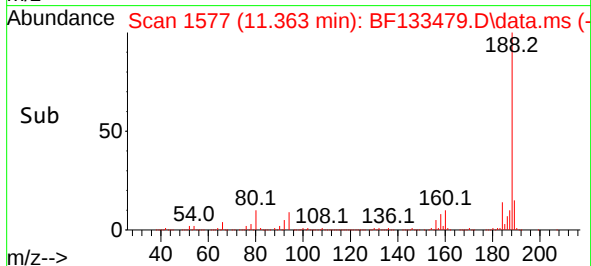
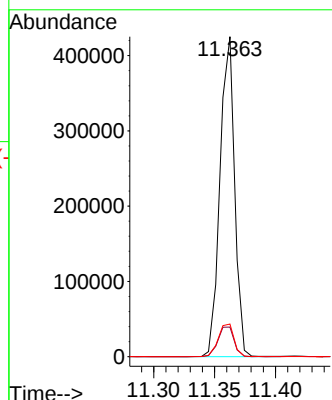
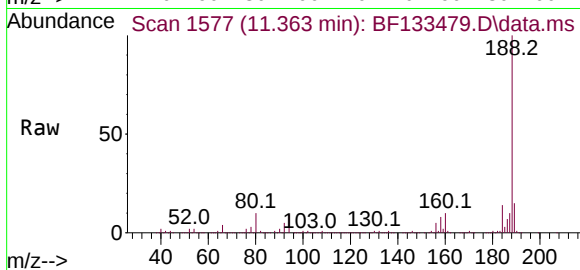
Tgt Ion:188 Resp: 357159

Ion Ratio Lower Upper

188 100

94 9.2 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: BF133479.D

Acq: 24 May 2023 19:40

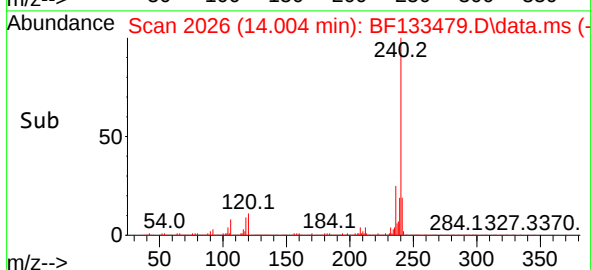
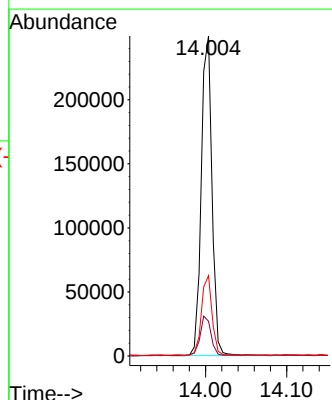
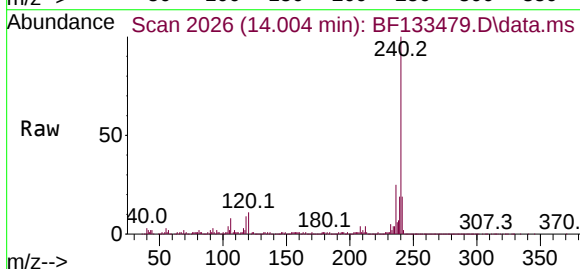
Tgt Ion:240 Resp: 229671

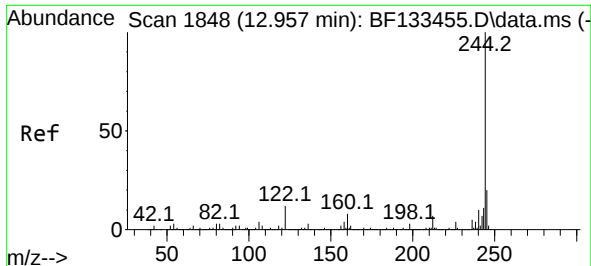
Ion Ratio Lower Upper

240 100

120 10.8 10.2 15.4

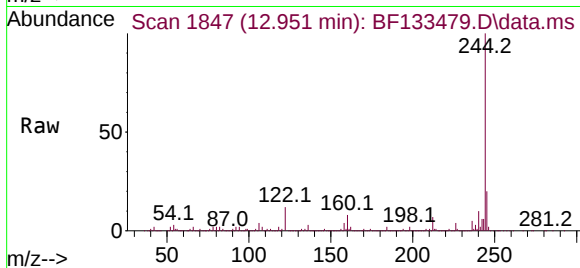
236 25.1 20.9 31.3



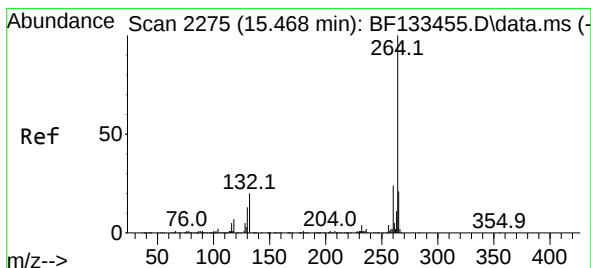
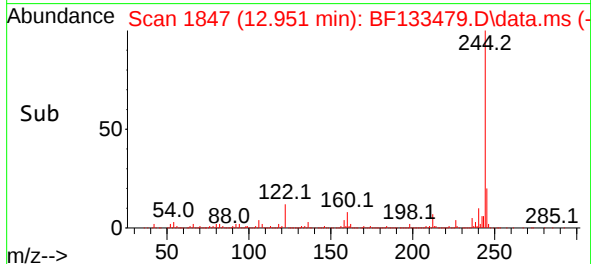
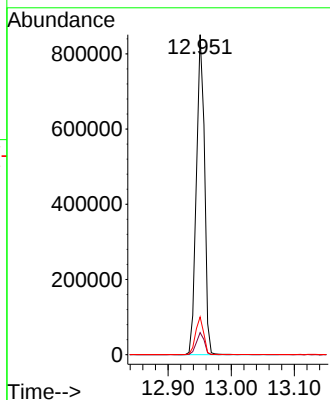


#79
 Terphenyl-d14
 Concen: 62.972 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.006 min
 Lab File: BF133479.D
 Acq: 24 May 2023 19:40

Instrument :
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Tgt Ion:244 Resp: 756456
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.8 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: BF133479.D
 Acq: 24 May 2023 19:40

Tgt Ion:264 Resp: 168016
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.8 28.2
 265 20.8 17.0 25.4

