

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061923\
 Data File : BF133836.D
 Acq On : 19 Jun 2023 16:31
 Operator : CG\JU
 Sample : 03282-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-NEX-001

Quant Time: Jun 20 01:33:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 19 16:00:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	98199	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	371975	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	179326	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	302001	20.000	ng	0.00
76) Chrysene-d12	14.045	240	227452	20.000	ng	0.00
86) Perylene-d12	15.551	264	279813	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	517214	91.693	ng	0.00
7) Phenol-d6	6.493	99	631827	86.053	ng	0.00
23) Nitrobenzene-d5	7.416	82	426399	62.436	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	154818	68.203	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	660957	52.394	ng	-0.01
79) Terphenyl-d14	12.980	244	508676	34.605	ng	0.00

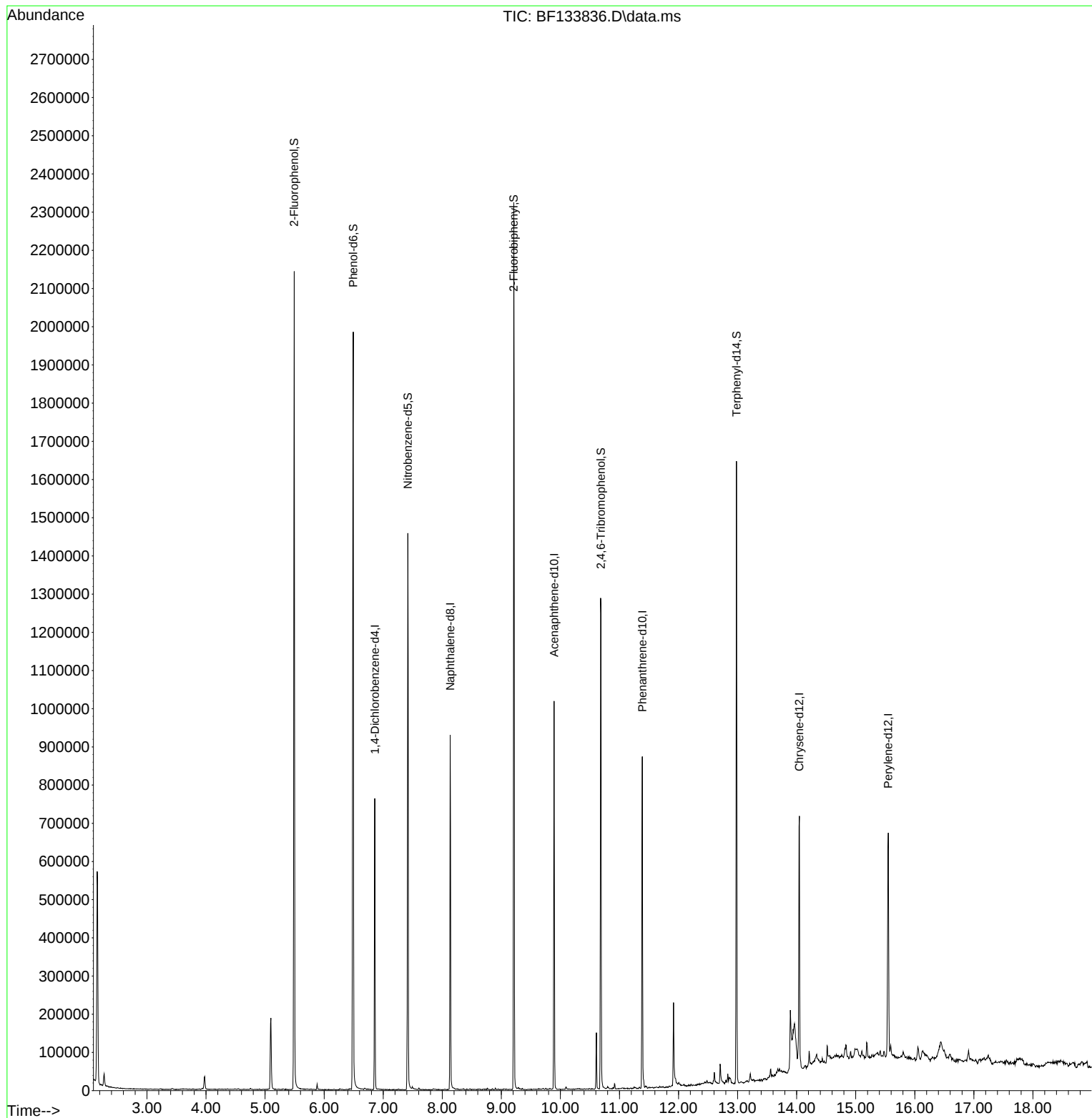
Target Compounds	Qvalue

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

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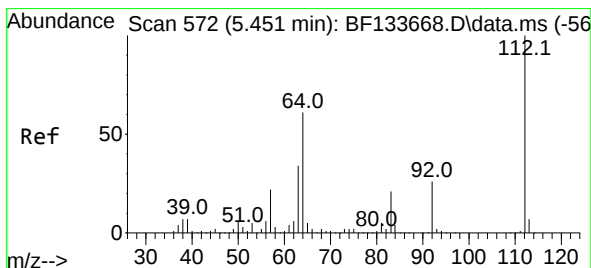
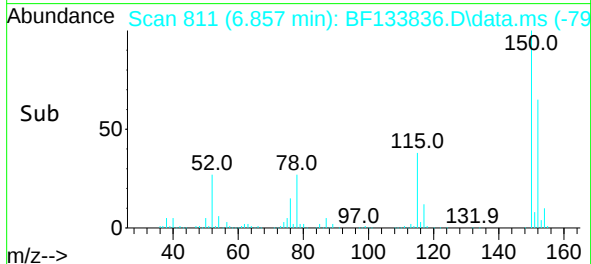
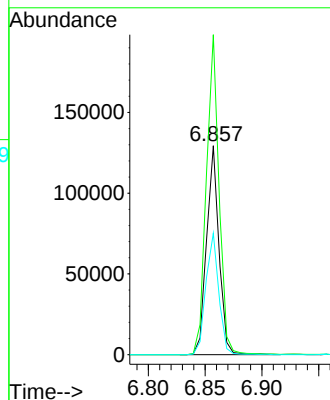
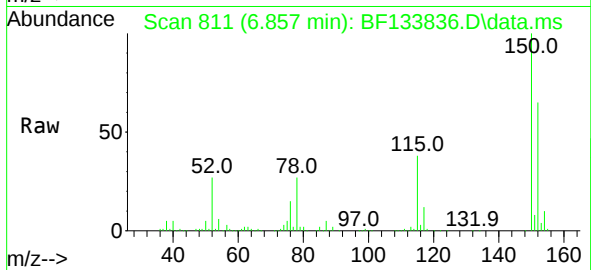




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133836.D
Acq: 19 Jun 2023 16:31

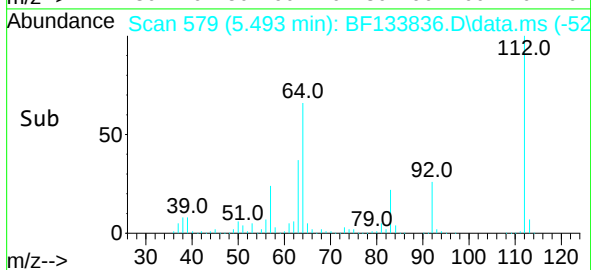
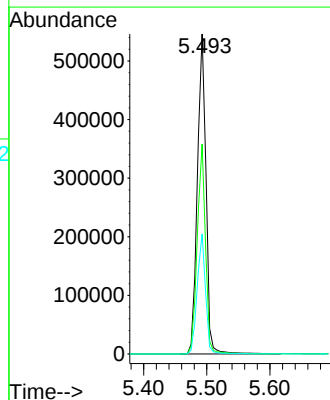
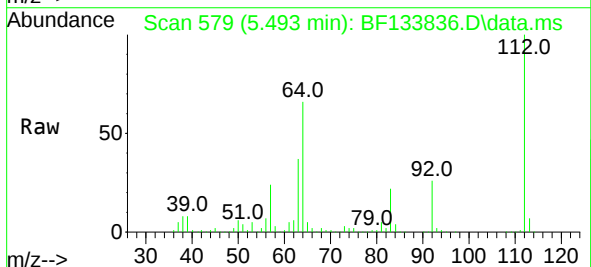
Instrument :
BNA_F
ClientSampleId :
WC-NEX-001

Tgt Ion:152 Resp: 98199
Ion Ratio Lower Upper
152 100
150 153.1 124.3 186.5
115 58.1 48.5 72.7



#5
2-Fluorophenol
Concen: 91.693 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF133836.D
Acq: 19 Jun 2023 16:31

Tgt Ion:112 Resp: 517214
Ion Ratio Lower Upper
112 100
64 65.6 49.0 73.4
63 37.5 26.8 40.2

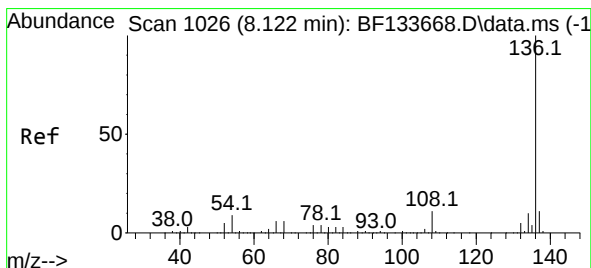
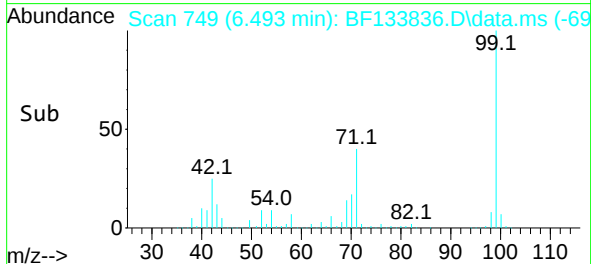
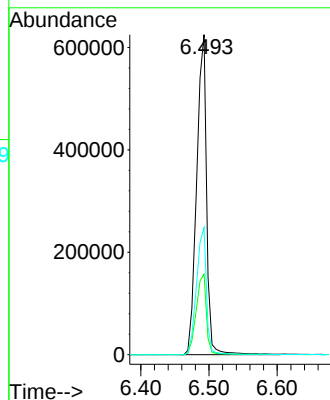
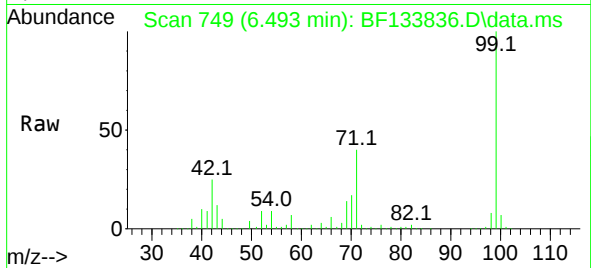




#7
Phenol-d6
Concen: 86.053 ng
RT: 6.493 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF133836.D
Acq: 19 Jun 2023 16:31

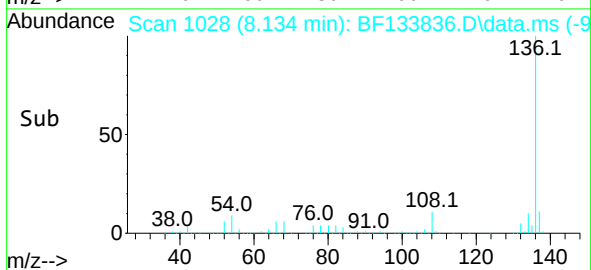
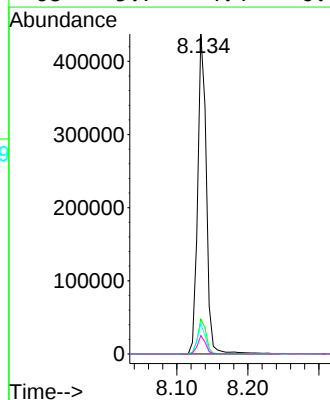
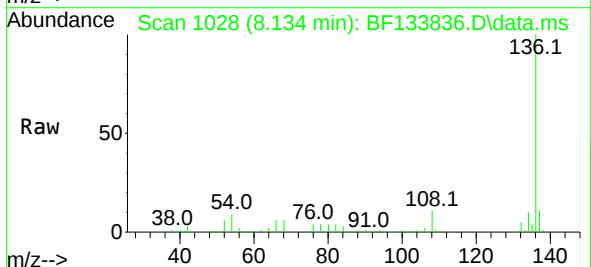
Instrument :
BNA_F
ClientSampleId :
WC-NEX-001

Tgt Ion: 99 Resp: 631827
Ion Ratio Lower Upper
99 100
42 25.1 19.9 29.9
71 39.7 32.2 48.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF133836.D
Acq: 19 Jun 2023 16:31

Tgt Ion: 136 Resp: 371975
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.4 7.4 11.0
68 5.7 4.4 6.6





#23

Nitrobenzene-d5

Concen: 62.436 ng

RT: 7.416 min Scan# 905

Delta R.T. -0.012 min

Lab File: BF133836.D

Acq: 19 Jun 2023 16:31

Instrument :

BNA_F

ClientSampleId :

WC-NEX-001

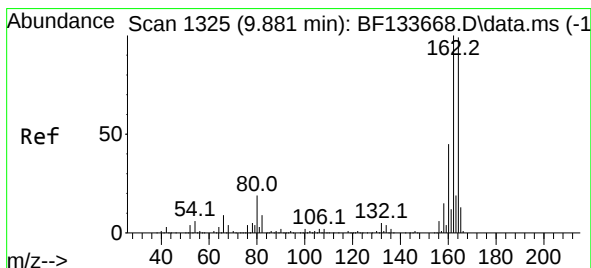
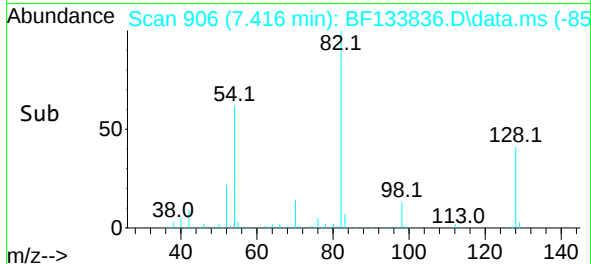
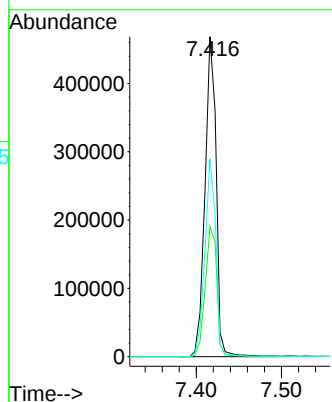
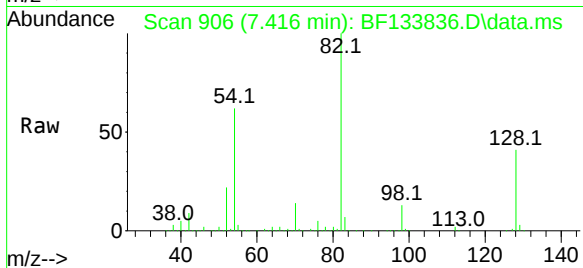
Tgt Ion: 82 Resp: 426399

Ion Ratio Lower Upper

82 100

128 40.6 34.2 51.2

54 61.9 46.5 69.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.892 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF133836.D

Acq: 19 Jun 2023 16:31

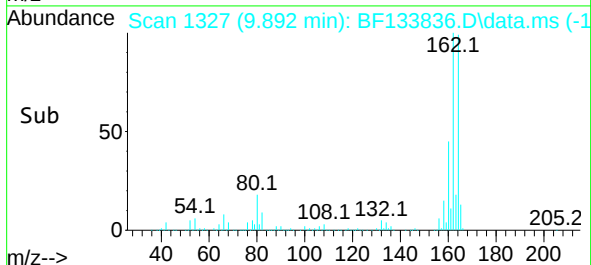
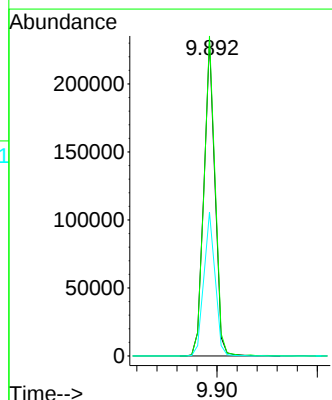
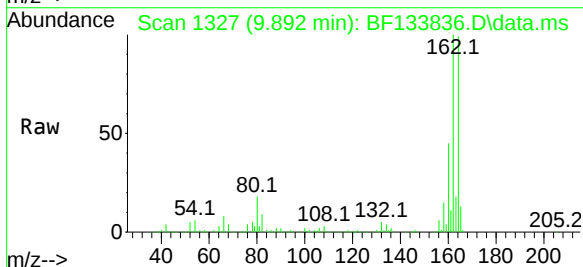
Tgt Ion: 164 Resp: 179326

Ion Ratio Lower Upper

164 100

162 101.4 80.8 121.2

160 45.6 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 68.203 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF133836.D

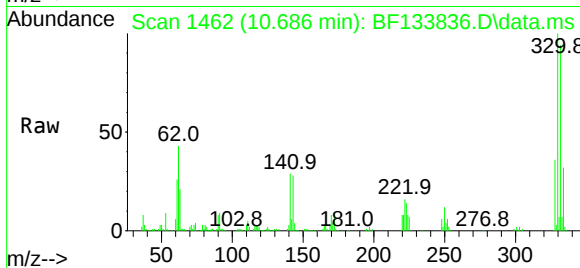
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Instrument :

BNA_F

ClientSampleId :

WC-NEX-001



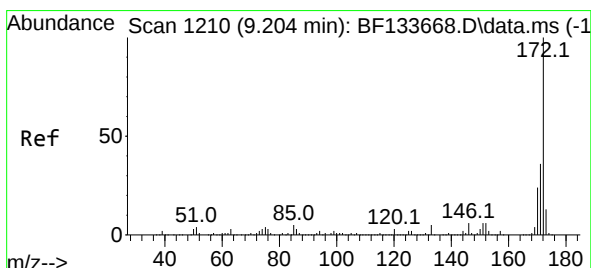
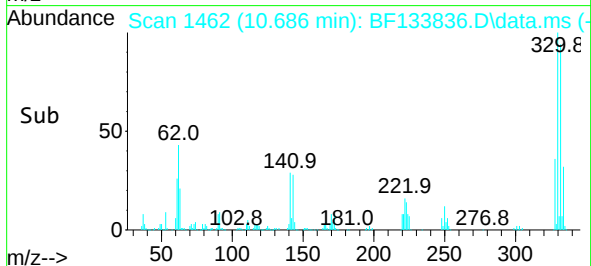
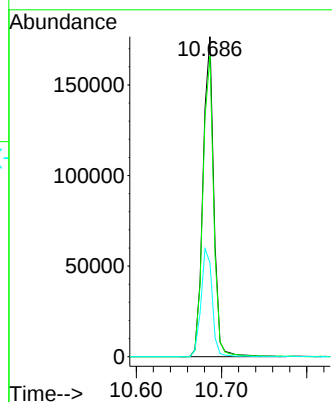
Tgt Ion:330 Resp: 154818

Ion Ratio Lower Upper

330 100

332 94.3 77.2 115.8

141 35.1 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 52.394 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.012 min

Lab File: BF133836.D

Acq: 19 Jun 2023 16:31

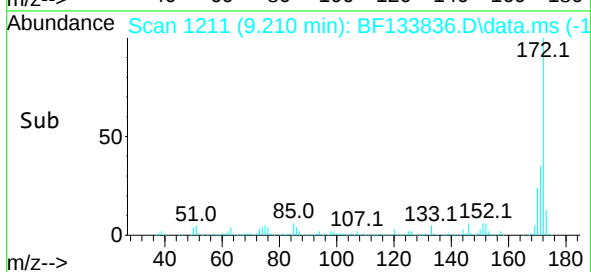
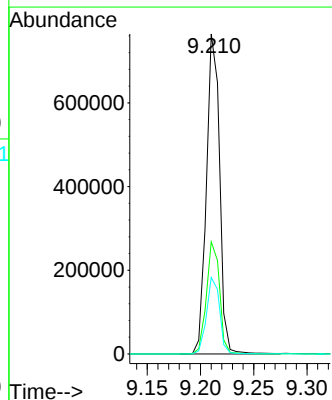
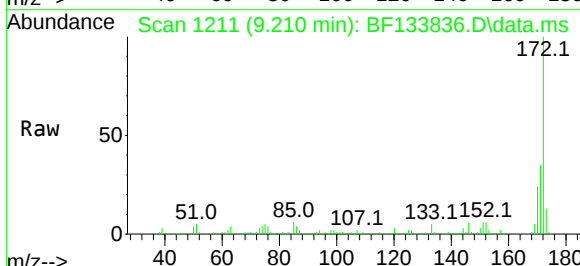
Tgt Ion:172 Resp: 660957

Ion Ratio Lower Upper

172 100

171 35.0 28.6 43.0

170 23.9 19.1 28.7

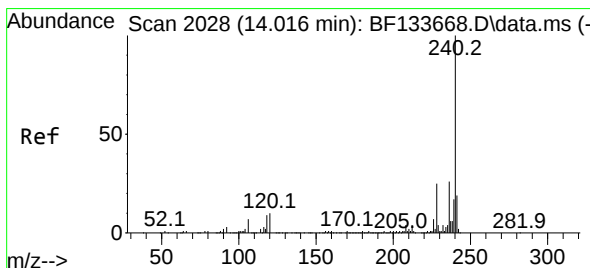
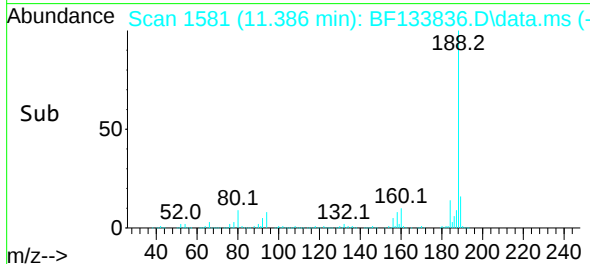
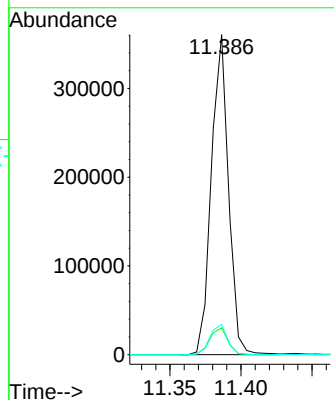
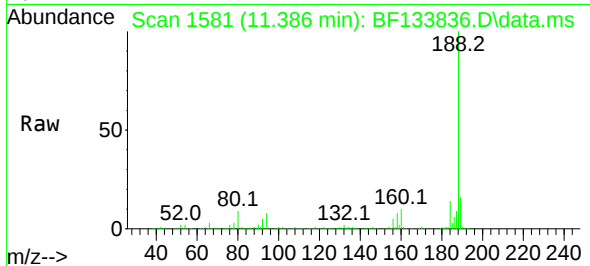




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133836.D
Acq: 19 Jun 2023 16:31

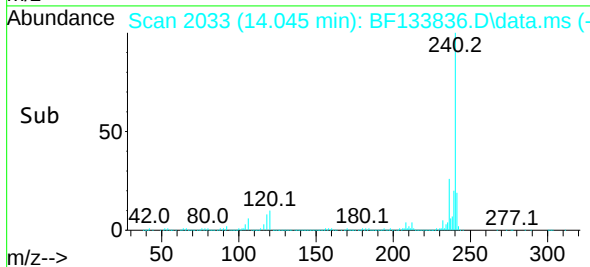
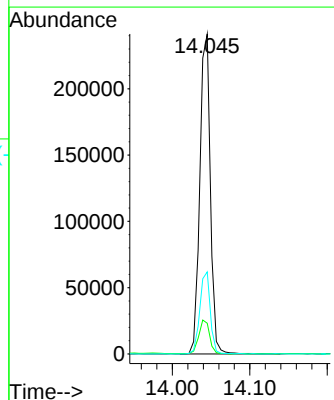
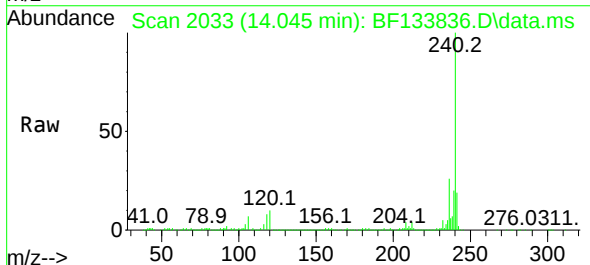
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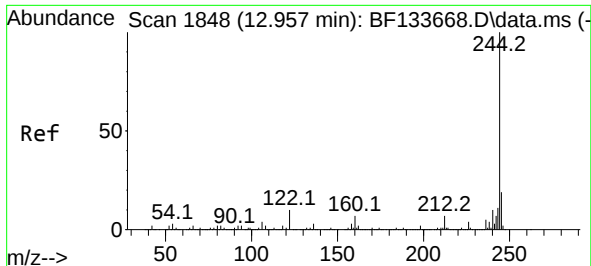
Tgt Ion:188 Resp: 302001
Ion Ratio Lower Upper
188 100
94 8.4 6.8 10.2
80 9.4 7.8 11.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF133836.D
Acq: 19 Jun 2023 16:31

Tgt Ion:240 Resp: 227452
Ion Ratio Lower Upper
240 100
120 9.6 8.1 12.1
236 25.7 20.5 30.7

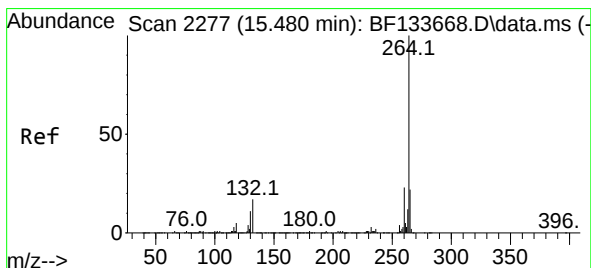
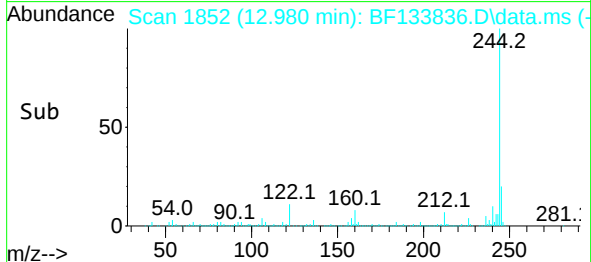
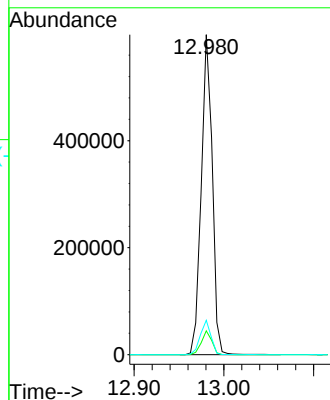
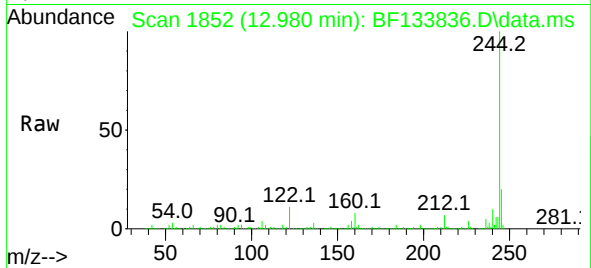




#79
 Terphenyl-d14
 Concen: 34.605 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF133836.D
 Acq: 19 Jun 2023 16:31

Instrument :
 BNA_F
 ClientSampleId :
 WC-NEX-001

Tgt Ion:244 Resp: 508676
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.4 8.2
 122 10.7 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2289
 Delta R.T. -0.006 min
 Lab File: BF133836.D
 Acq: 19 Jun 2023 16:31

Tgt Ion:264 Resp: 279813
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.2 27.2
 265 20.8 17.8 26.6

