

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
 Data File : BF136545.D
 Acq On : 13 Dec 2023 19:13
 Operator : CG\JU
 Sample : 05726-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Quant Time: Dec 14 01:44:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	94999	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	377745	20.000	ng	-0.01
39) Acenaphthene-d10	9.827	164	188482	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	304894	20.000	ng	-0.01
76) Chrysene-d12	13.968	240	194998	20.000	ng	-0.01
86) Perylene-d12	15.451	264	207645	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	635630	98.813	ng	0.01
7) Phenol-d6	6.439	99	704279	87.753	ng	0.00
23) Nitrobenzene-d5	7.357	82	529824	75.825	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	288240	124.028	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1092772	79.110	ng	-0.01
79) Terphenyl-d14	12.916	244	1281417	86.614	ng	0.00

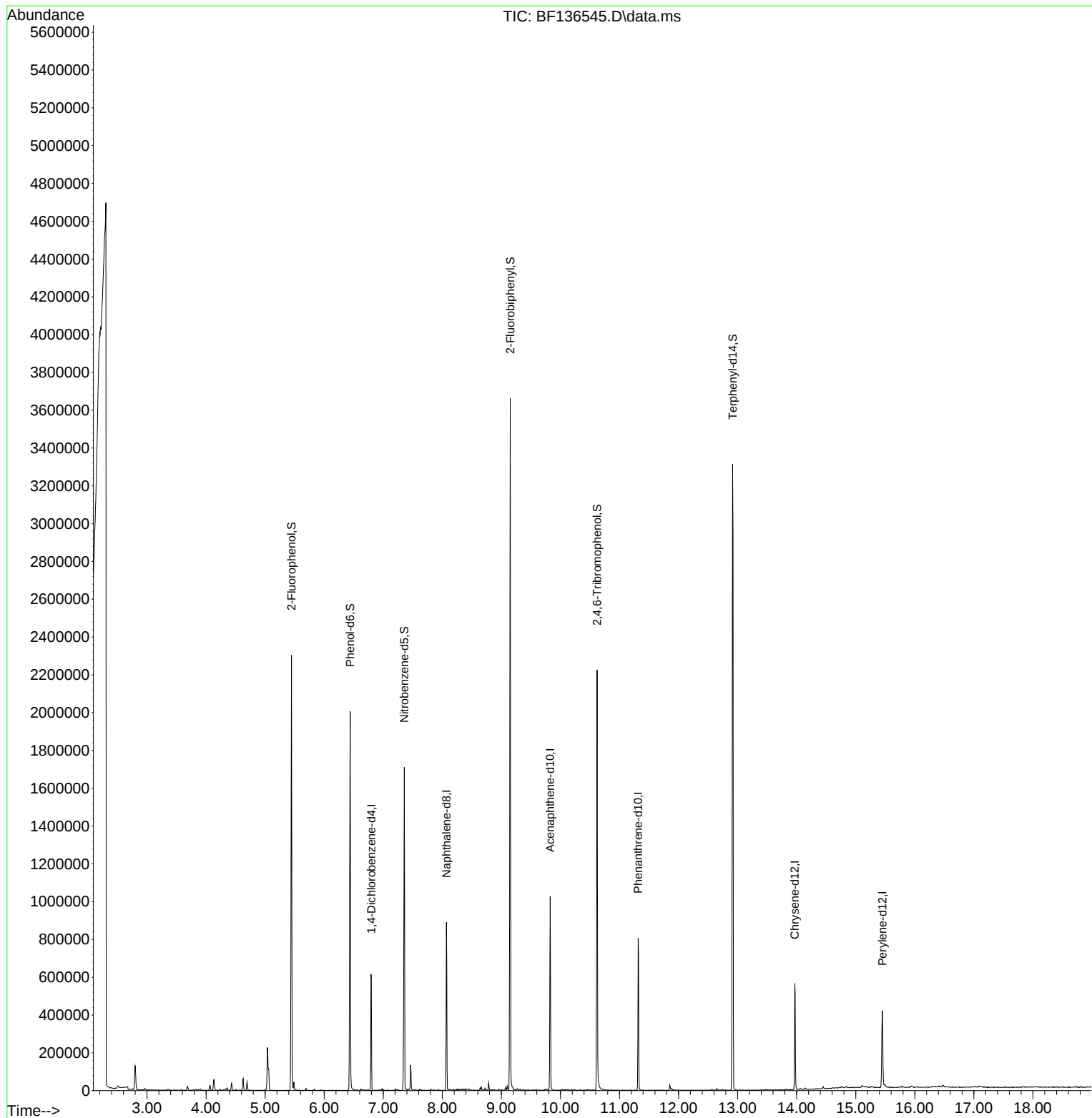
Target Compounds	Qvalue

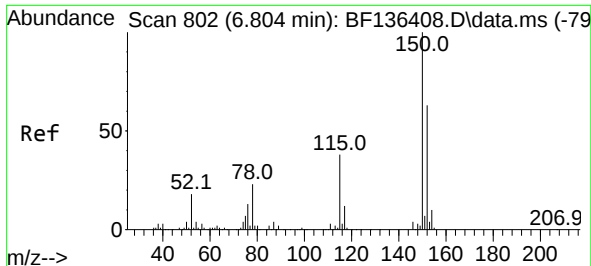
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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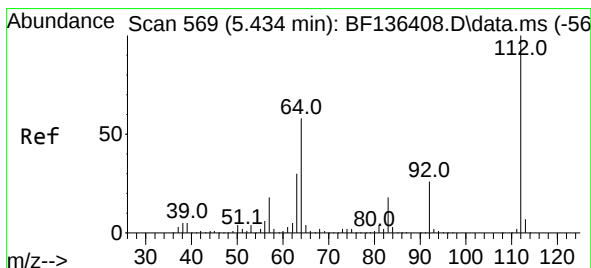
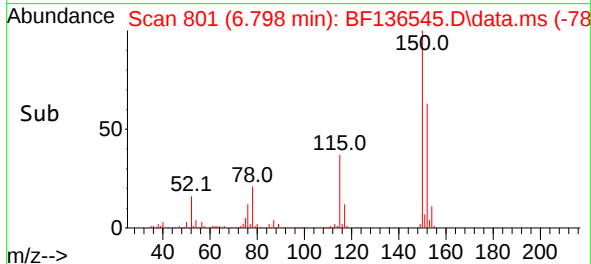
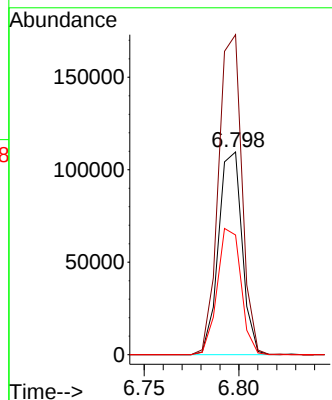
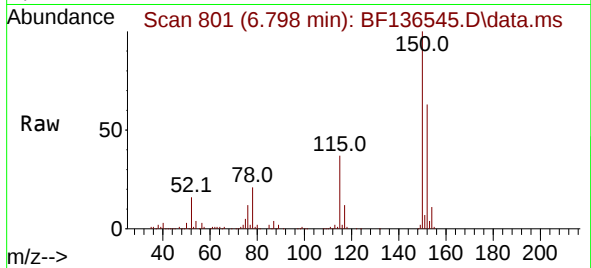




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF136545.D
Acq: 13 Dec 2023 19:13

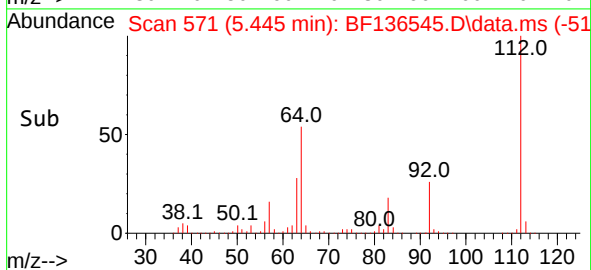
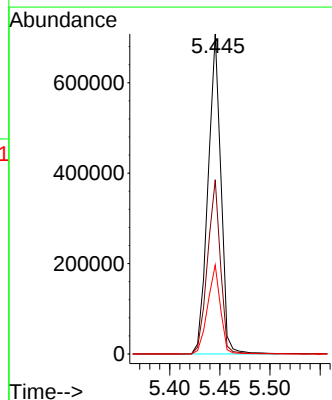
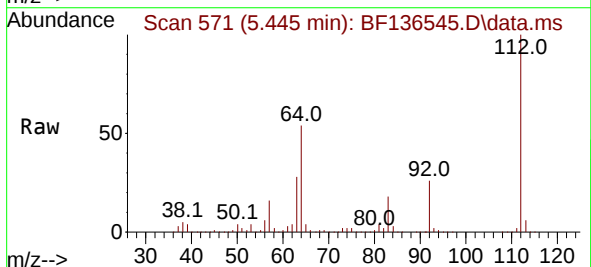
Instrument :
BNA_F
ClientSampleId :
WC-2

Tgt Ion:152 Resp: 94999
Ion Ratio Lower Upper
152 100
150 157.8 126.4 189.6
115 59.0 48.2 72.4



#5
2-Fluorophenol
Concen: 98.813 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.012 min
Lab File: BF136545.D
Acq: 13 Dec 2023 19:13

Tgt Ion:112 Resp: 635630
Ion Ratio Lower Upper
112 100
64 54.4 46.5 69.7
63 27.8 23.9 35.9

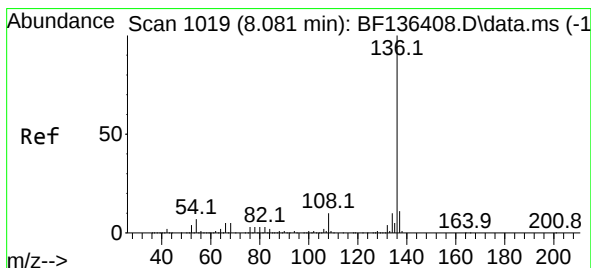
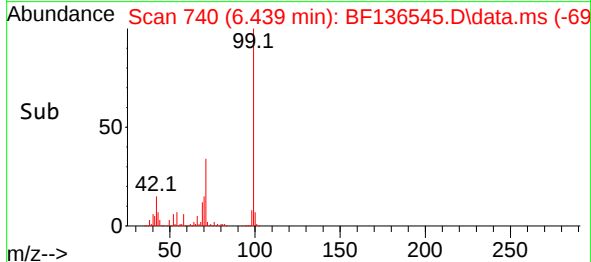
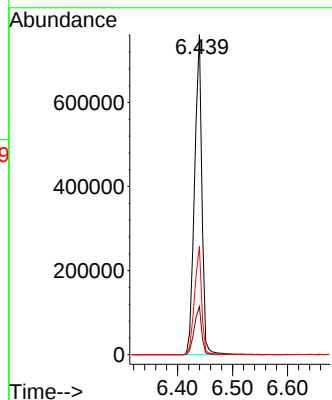
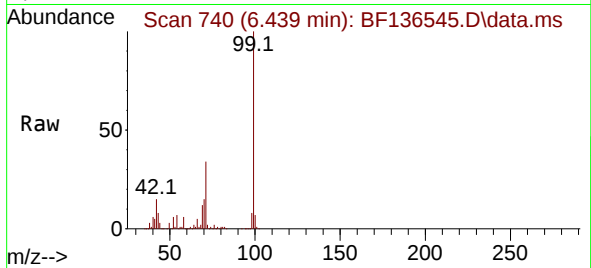




#7
Phenol-d6
Concen: 87.753 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136545.D
Acq: 13 Dec 2023 19:13

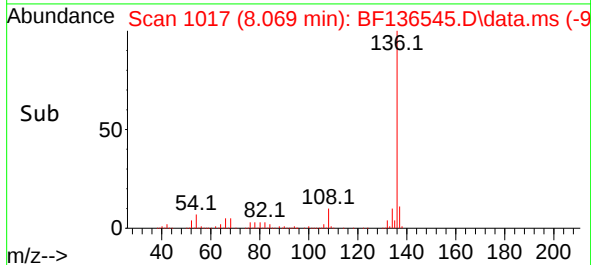
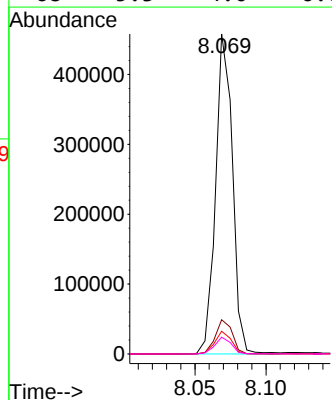
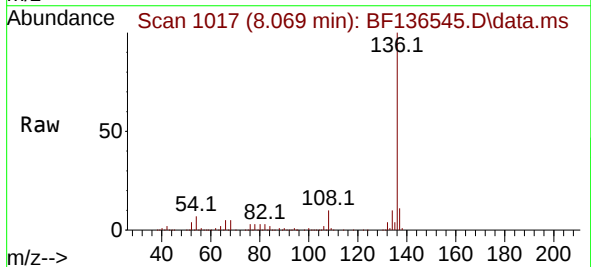
Instrument :
BNA_F
ClientSampleId :
WC-2

Tgt Ion: 99 Resp: 704279
Ion Ratio Lower Upper
99 100
42 15.1 12.8 19.2
71 33.9 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136545.D
Acq: 13 Dec 2023 19:13

Tgt Ion: 136 Resp: 377745
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 7.1 5.7 8.5
68 5.3 4.0 6.0





#23

Nitrobenzene-d5

Concen: 75.825 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136545.D

Acq: 13 Dec 2023 19:13

Instrument :

BNA_F

ClientSampleId :

WC-2

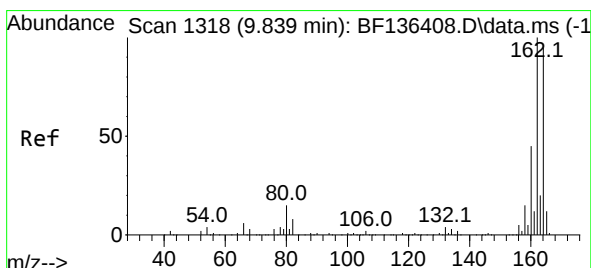
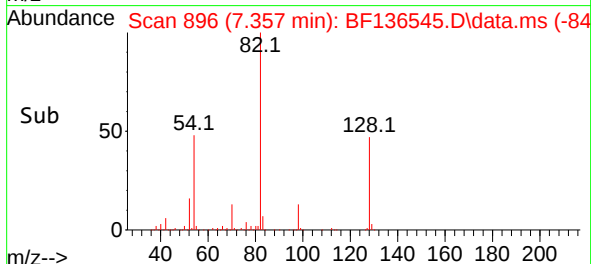
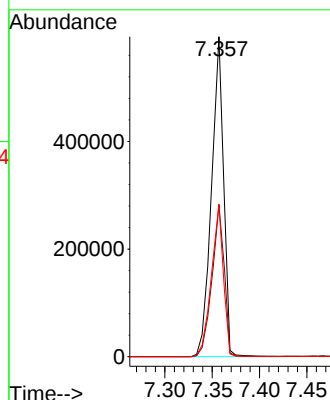
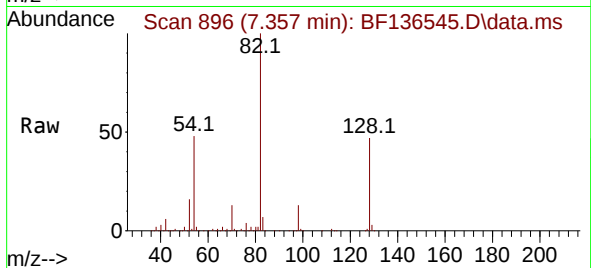
Tgt Ion: 82 Resp: 529824

Ion Ratio Lower Upper

82 100

128 47.4 36.3 54.5

54 47.7 39.0 58.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 1316

Delta R.T. -0.012 min

Lab File: BF136545.D

Acq: 13 Dec 2023 19:13

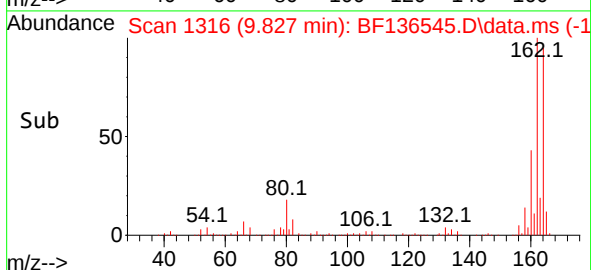
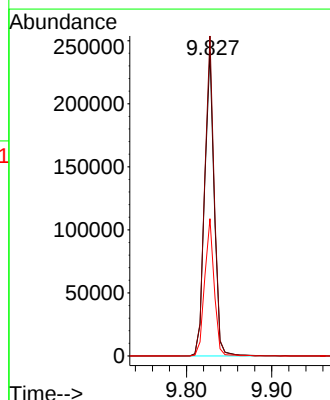
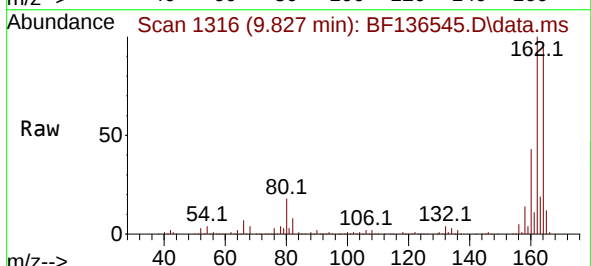
Tgt Ion:164 Resp: 188482

Ion Ratio Lower Upper

164 100

162 105.3 84.4 126.6

160 45.2 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 124.028 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136545.D

Acq: 13 Dec 2023 19:13

Instrument :

BNA_F

ClientSampleId :

WC-2

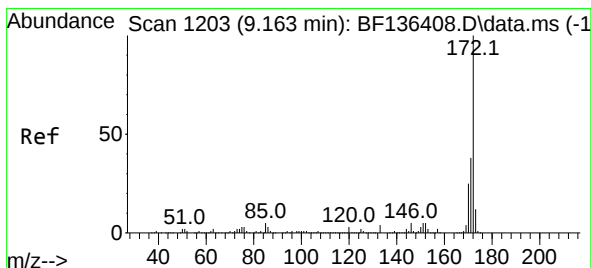
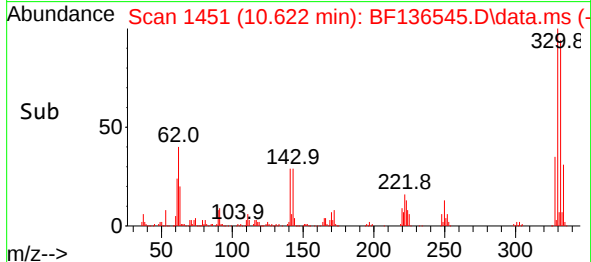
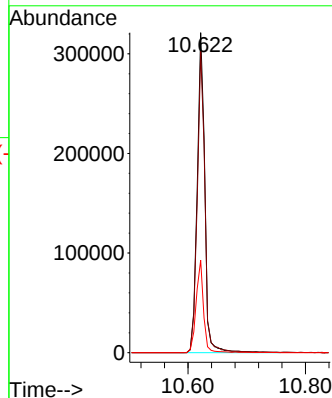
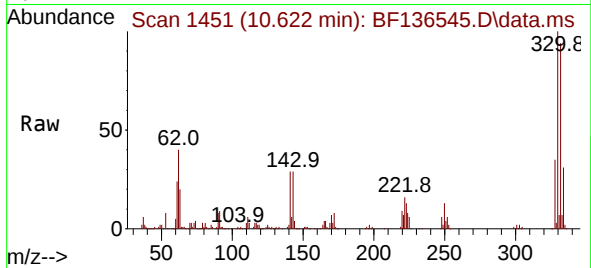
Tgt Ion:330 Resp: 288240

Ion Ratio Lower Upper

330 100

332 94.9 76.4 114.6

141 28.4 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 79.110 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF136545.D

Acq: 13 Dec 2023 19:13

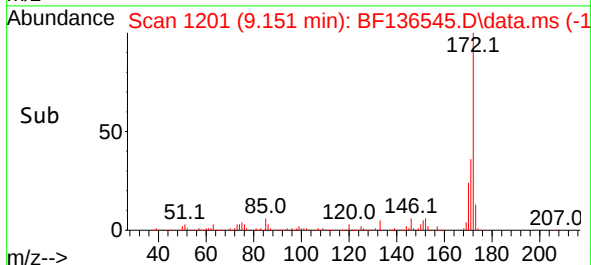
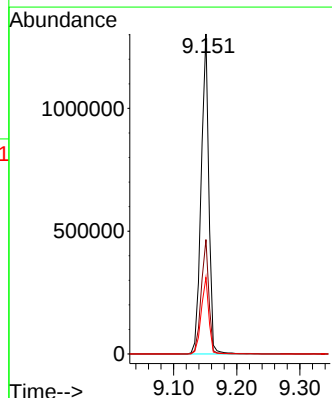
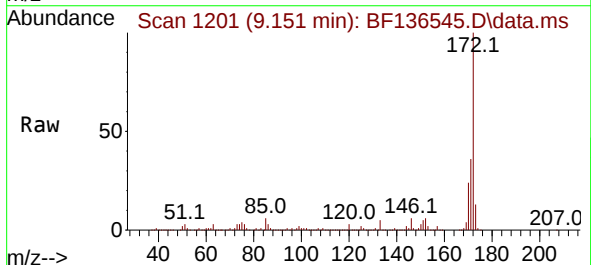
Tgt Ion:172 Resp: 1092772

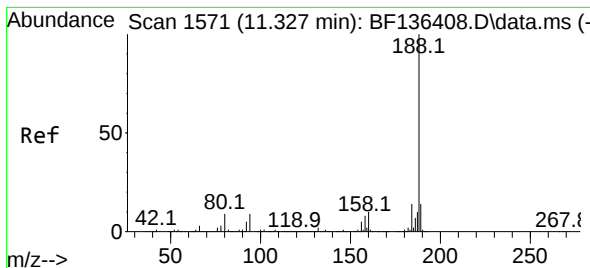
Ion Ratio Lower Upper

172 100

171 35.7 30.5 45.7

170 24.0 19.9 29.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136545.D

Acq: 13 Dec 2023 19:13

Instrument :

BNA_F

ClientSampleId :

WC-2

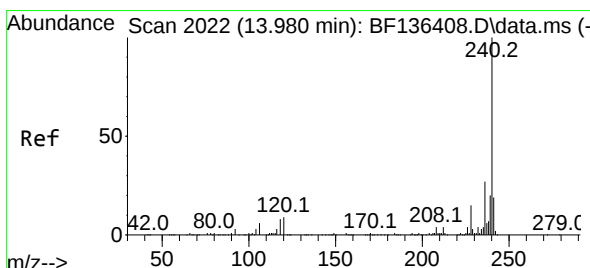
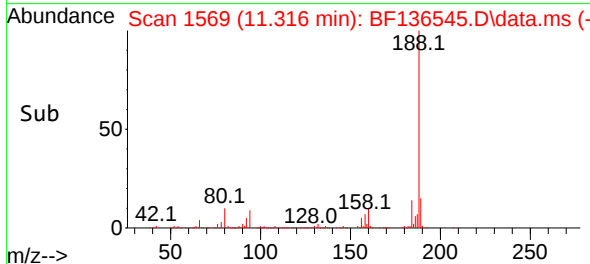
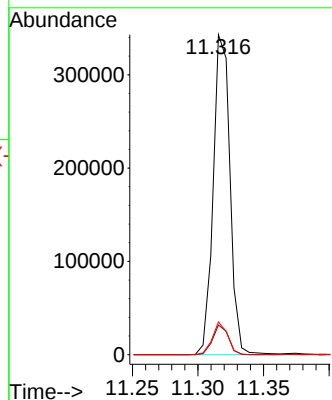
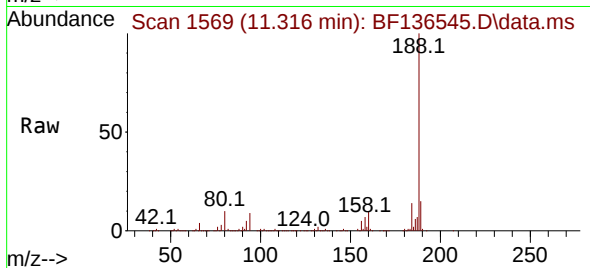
Tgt Ion:188 Resp: 304894

Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

80 10.3 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2020

Delta R.T. -0.012 min

Lab File: BF136545.D

Acq: 13 Dec 2023 19:13

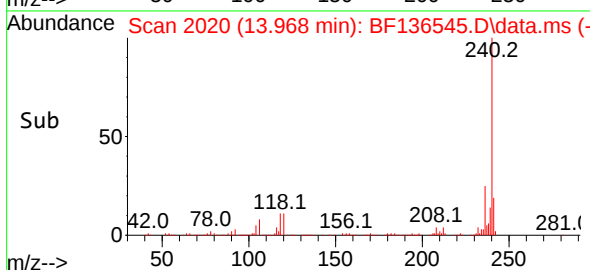
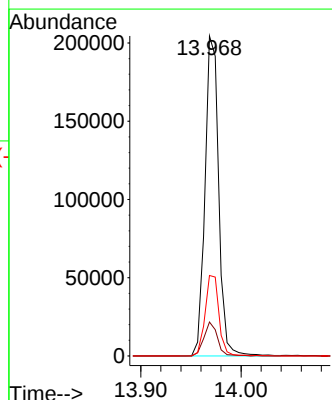
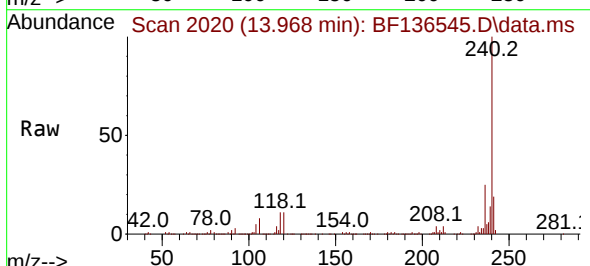
Tgt Ion:240 Resp: 194998

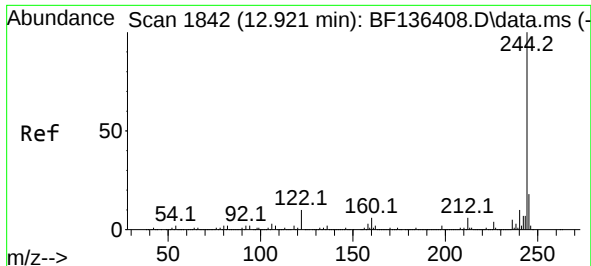
Ion Ratio Lower Upper

240 100

120 10.6 7.3 10.9

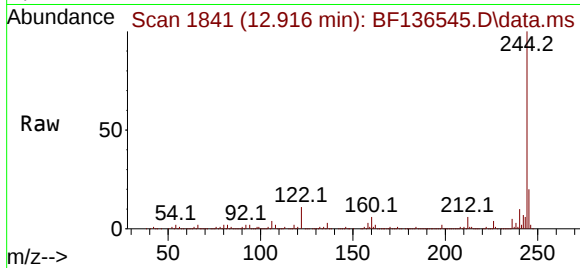
236 25.1 21.3 31.9



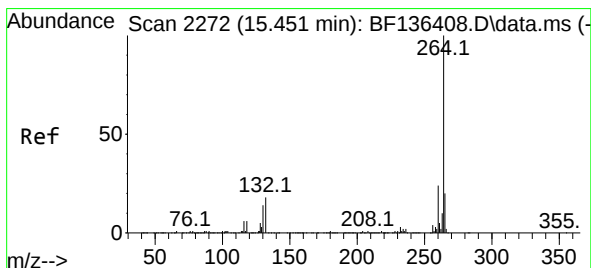
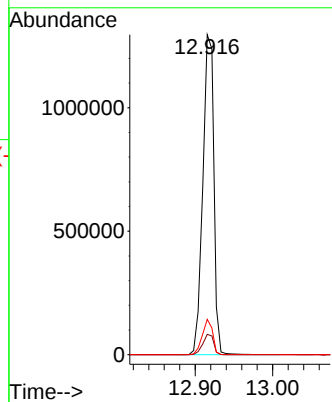
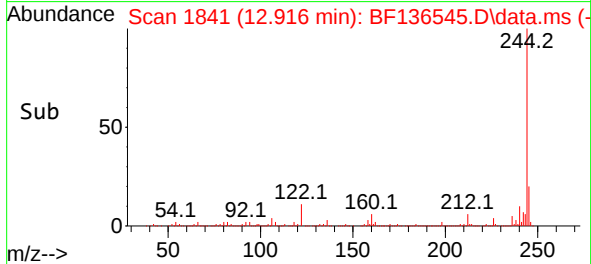


#79
 Terphenyl-d14
 Concen: 86.614 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF136545.D
 Acq: 13 Dec 2023 19:13

Instrument :
 BNA_F
 ClientSampleId :
 WC-2



Tgt Ion:244 Resp: 1281417
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 11.1 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. -0.000 min
 Lab File: BF136545.D
 Acq: 13 Dec 2023 19:13

Tgt Ion:264 Resp: 207645
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 20.9 15.9 23.9

