

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
 Data File : BF136433.D
 Acq On : 06 Dec 2023 17:45
 Operator : CG\JU
 Sample : 05602-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROUTE-4-TP-6

Quant Time: Dec 07 00:53:46 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	77000	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	237891	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	100126	20.000	ng	-0.01
64) Phenanthrene-d10	11.321	188	216561	20.000	ng	0.00
76) Chrysene-d12	13.968	240	189406	20.000	ng	#-0.01
86) Perylene-d12	15.451	264	143322	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	381364	73.144	ng	0.00
7) Phenol-d6	6.428	99	420030	64.569	ng	-0.02
23) Nitrobenzene-d5	7.351	82	240847	54.732	ng	-0.02
42) 2,4,6-Tribromophenol	10.621	330	99369	80.489	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	396008	53.967	ng	-0.01
79) Terphenyl-d14	12.915	244	583026	40.572	ng	0.00

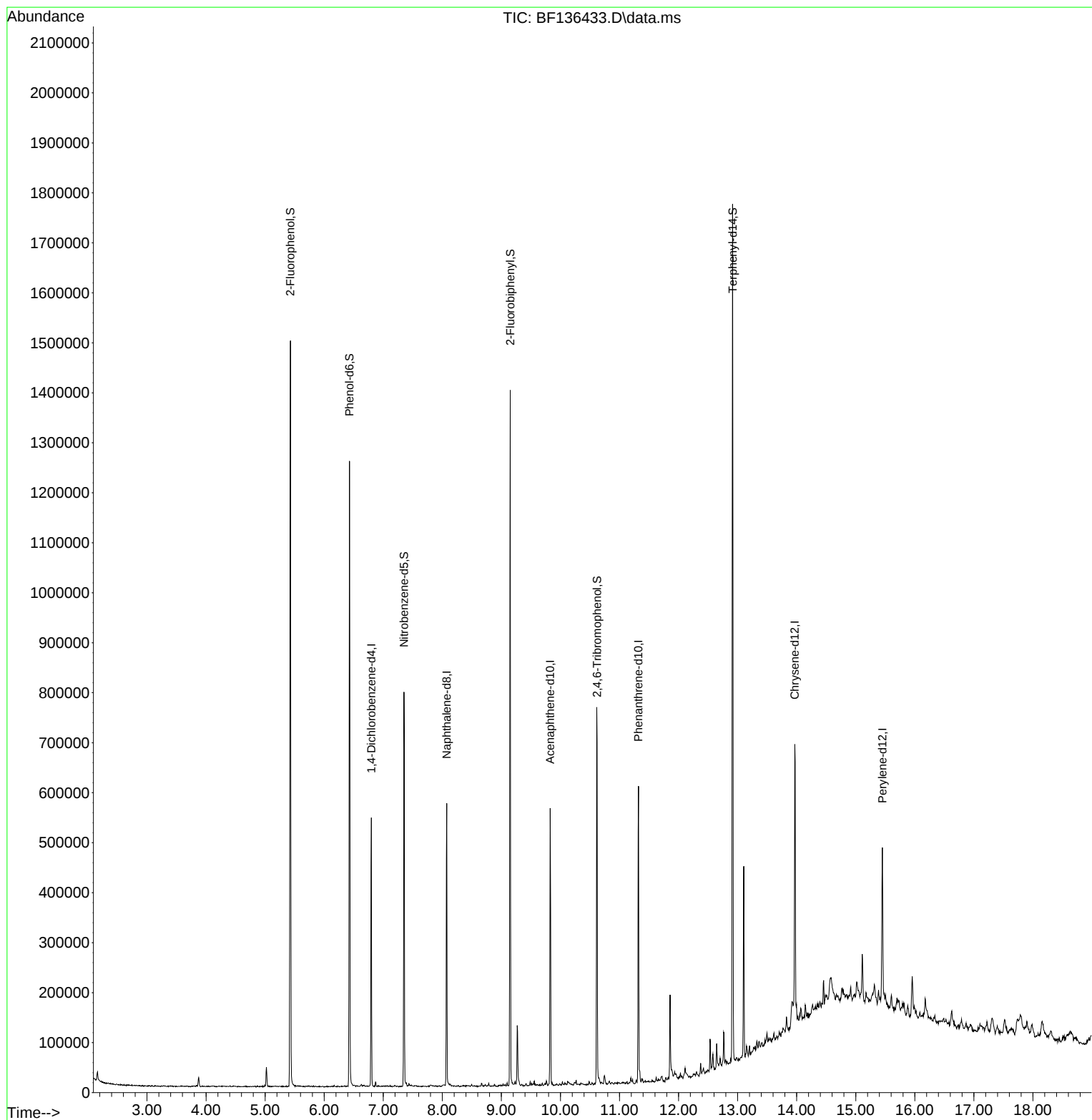
Target Compounds	Qvalue

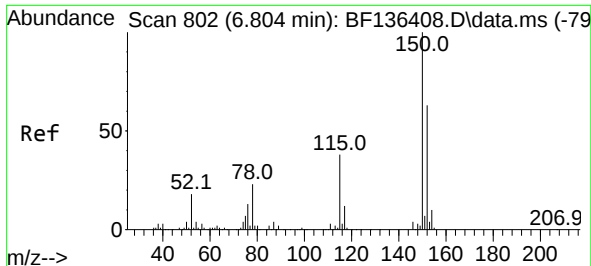
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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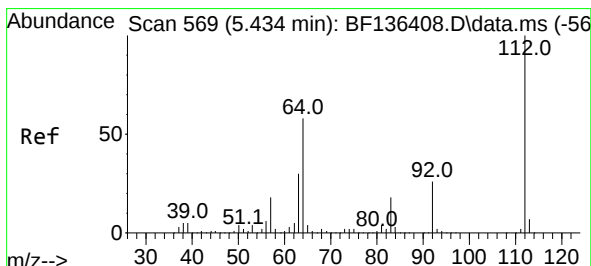
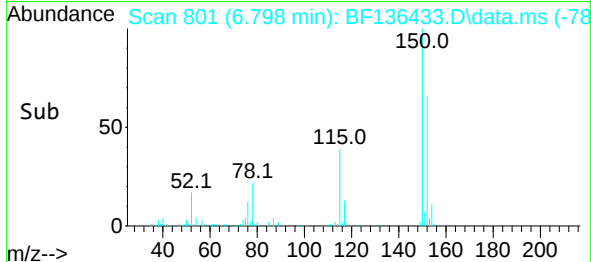
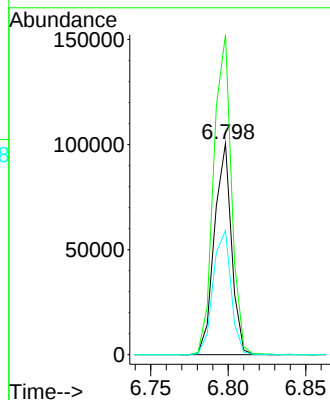
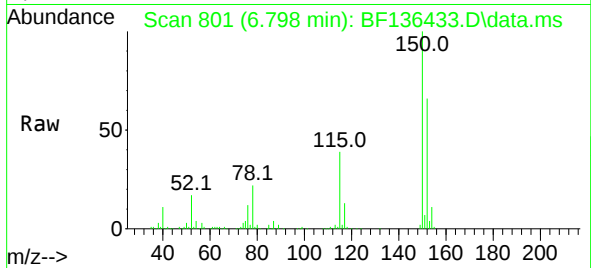




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF136433.D
Acq: 06 Dec 2023 17:45

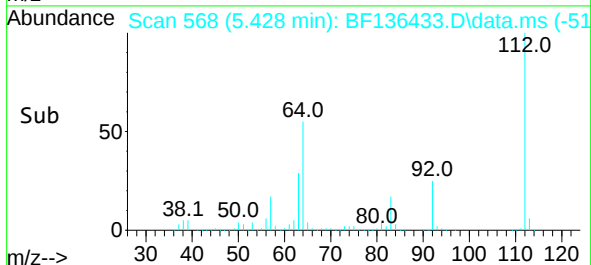
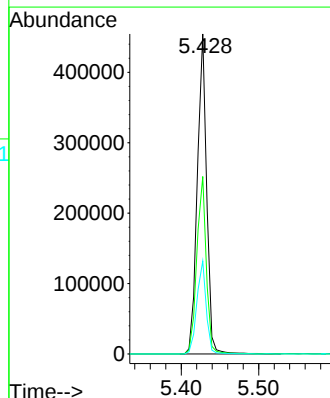
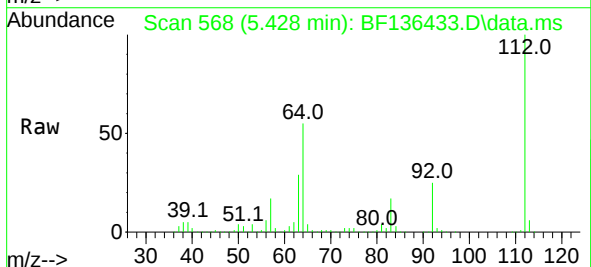
Instrument :
BNA_F
ClientSampleId :
ROUTE-4-TP-6

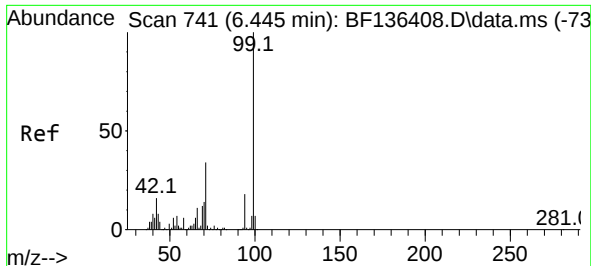
Tgt Ion:152 Resp: 77000
Ion Ratio Lower Upper
152 100
150 151.4 126.4 189.6
115 58.8 48.2 72.4



#5
2-Fluorophenol
Concen: 73.144 ng
RT: 5.428 min Scan# 568
Delta R.T. -0.006 min
Lab File: BF136433.D
Acq: 06 Dec 2023 17:45

Tgt Ion:112 Resp: 381364
Ion Ratio Lower Upper
112 100
64 55.4 46.5 69.7
63 29.1 23.9 35.9

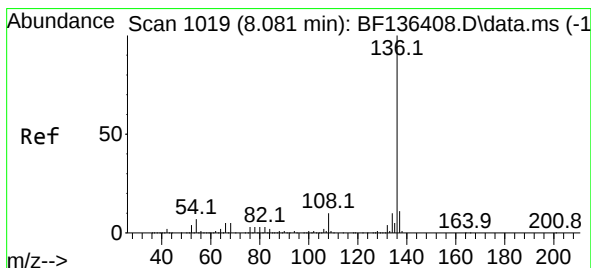
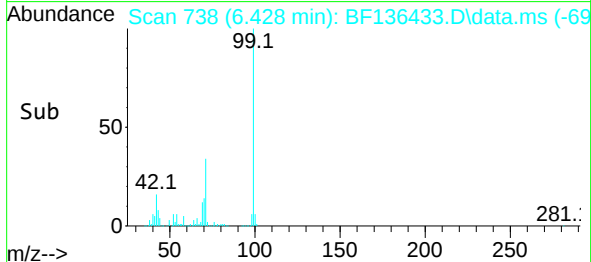
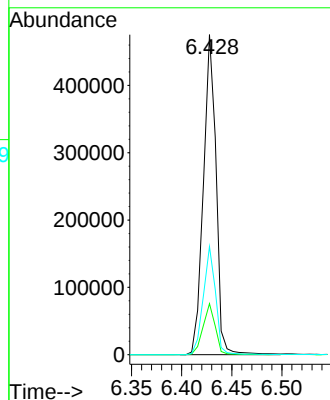
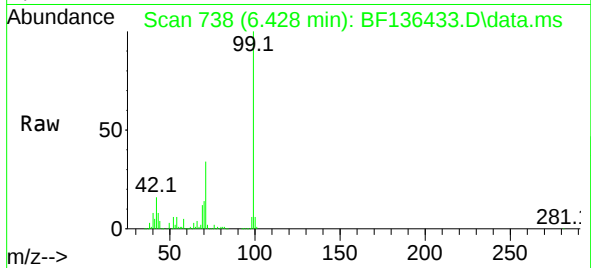




#7
Phenol-d6
Concen: 64.569 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF136433.D
Acq: 06 Dec 2023 17:45

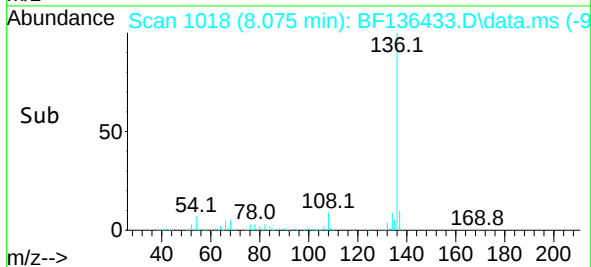
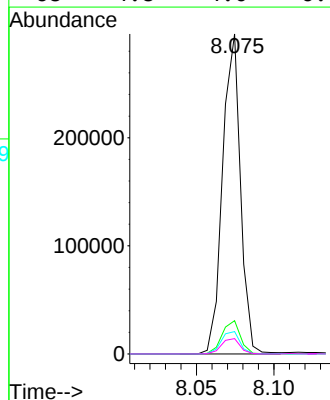
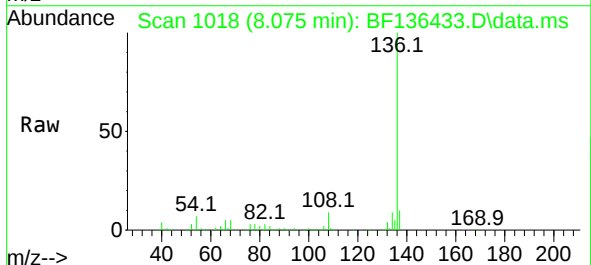
Instrument :
BNA_F
ClientSampleId :
ROUTE-4-TP-6

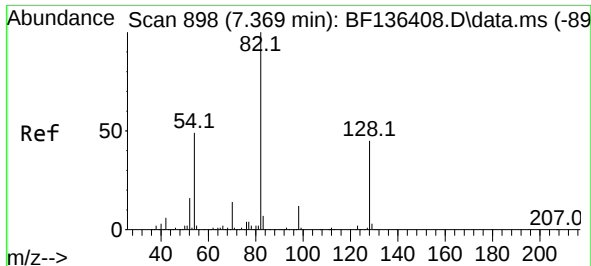
Tgt Ion: 99 Resp: 420030
Ion Ratio Lower Upper
99 100
42 15.9 12.8 19.2
71 33.8 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF136433.D
Acq: 06 Dec 2023 17:45

Tgt Ion: 136 Resp: 237891
Ion Ratio Lower Upper
136 100
137 10.4 8.6 12.8
54 7.0 5.7 8.5
68 4.8 4.0 6.0





#23

Nitrobenzene-d5

Concen: 54.732 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF136433.D

Acq: 06 Dec 2023 17:45

Instrument :

BNA_F

ClientSampleId :

ROUTE-4-TP-6

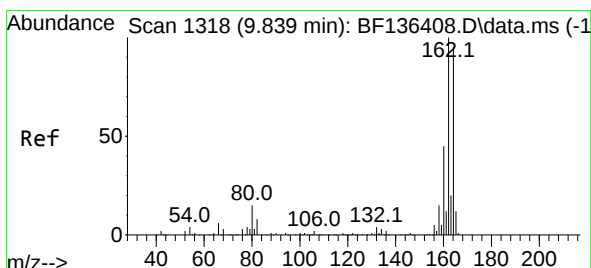
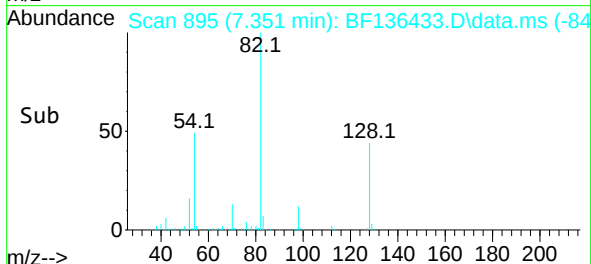
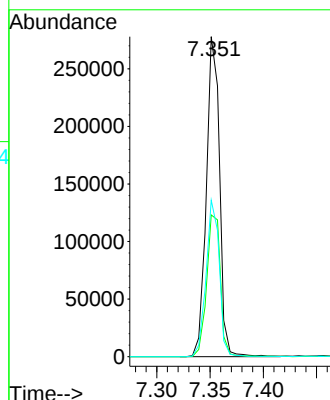
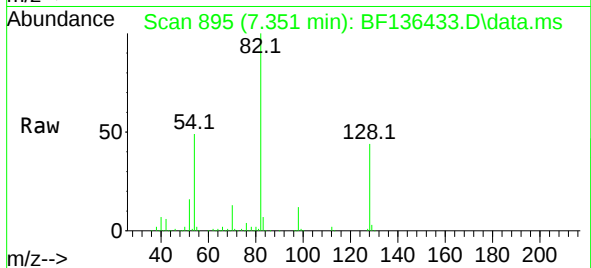
Tgt Ion: 82 Resp: 240847

Ion Ratio Lower Upper

82 100

128 44.3 36.3 54.5

54 48.9 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: BF136433.D

Acq: 06 Dec 2023 17:45

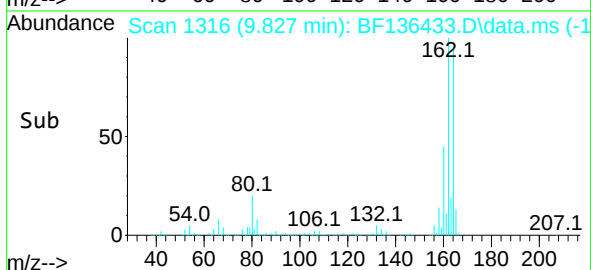
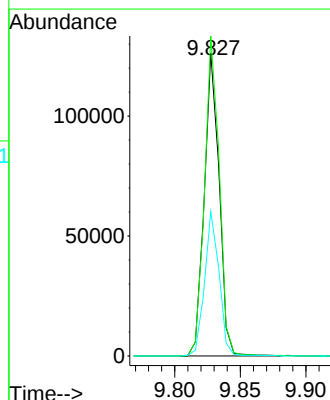
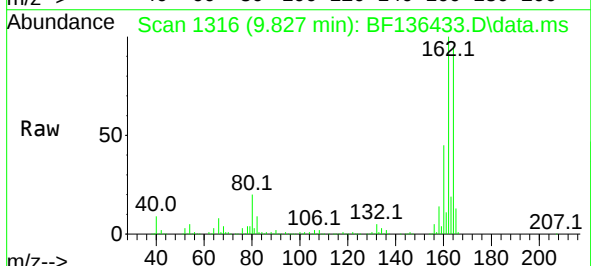
Tgt Ion: 164 Resp: 100126

Ion Ratio Lower Upper

164 100

162 105.7 84.4 126.6

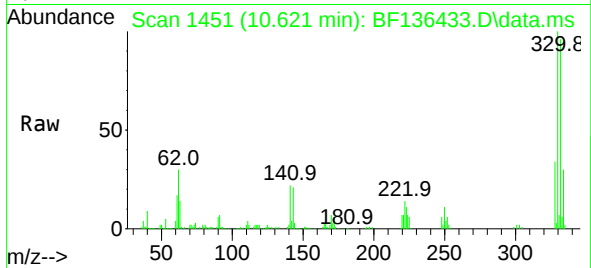
160 47.7 37.6 56.4



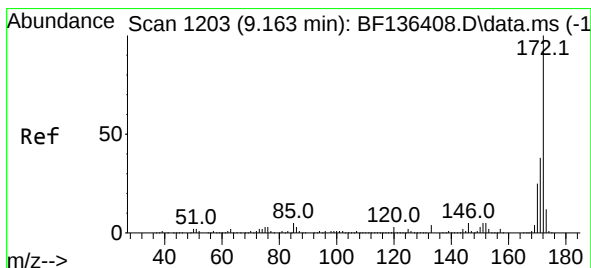
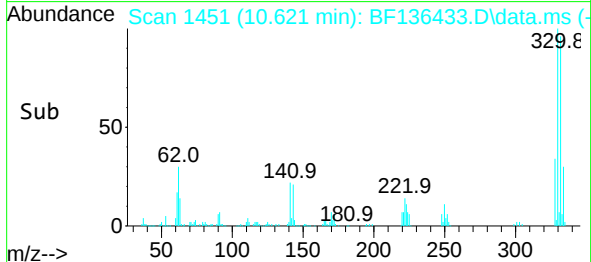
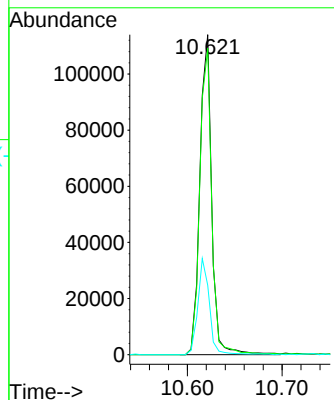


#42
2,4,6-Tribromophenol
Concen: 80.489 ng
RT: 10.621 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BF136433.D
Acq: 06 Dec 2023 17:45

Instrument :
BNA_F
ClientSampleId :
ROUTE-4-TP-6

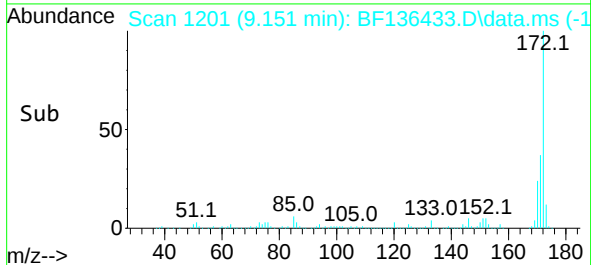
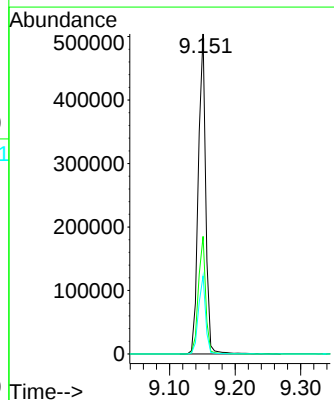
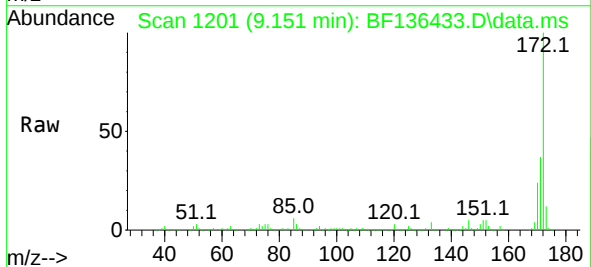


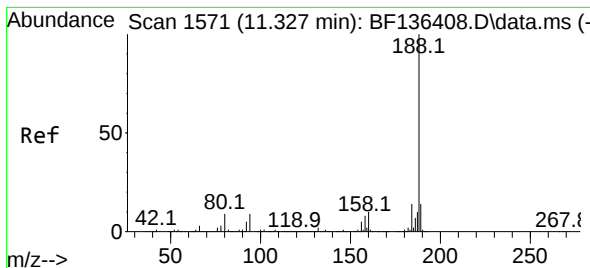
Tgt Ion: 330 Resp: 99369
Ion Ratio Lower Upper
330 100
332 97.1 76.4 114.6
141 29.4 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 53.967 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF136433.D
Acq: 06 Dec 2023 17:45

Tgt Ion: 172 Resp: 396008
Ion Ratio Lower Upper
172 100
171 36.7 30.5 45.7
170 24.4 19.9 29.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.321 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136433.D

Acq: 06 Dec 2023 17:45

Instrument :

BNA_F

ClientSampleId :

ROUTE-4-TP-6

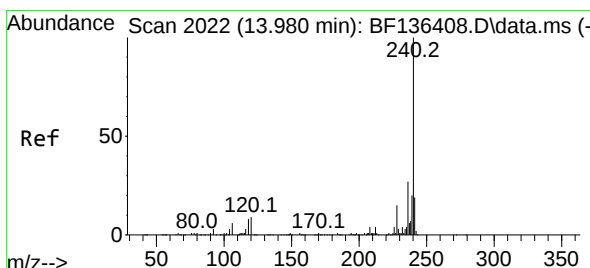
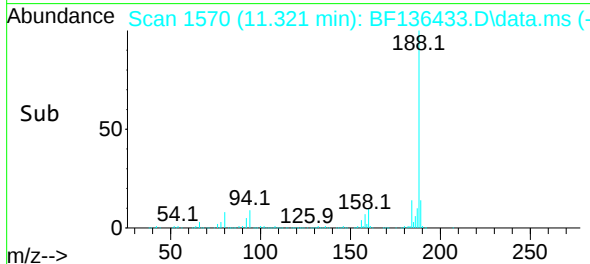
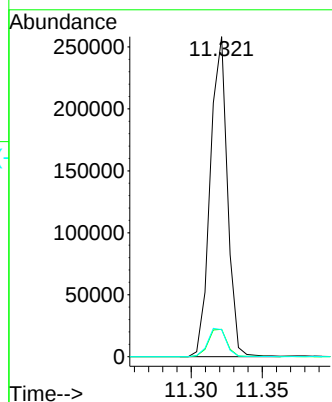
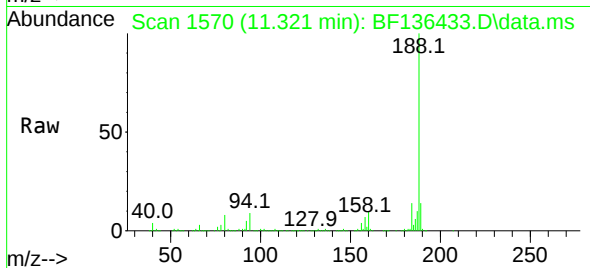
Tgt Ion:188 Resp: 216561

Ion Ratio Lower Upper

188 100

94 8.6 7.2 10.8

80 8.5 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: BF136433.D

Acq: 06 Dec 2023 17:45

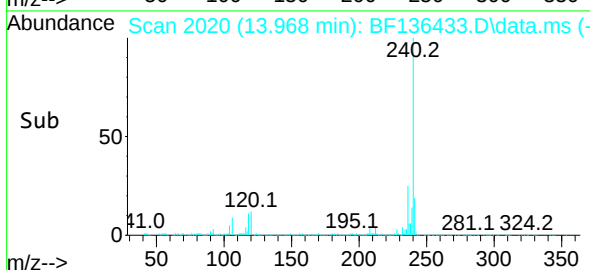
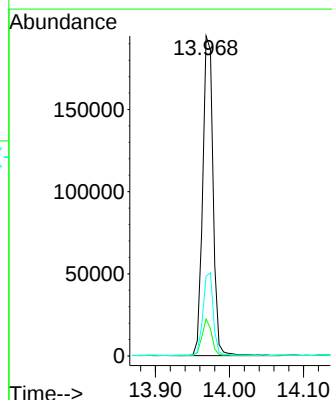
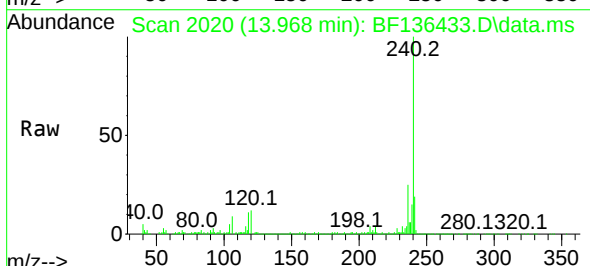
Tgt Ion:240 Resp: 189406

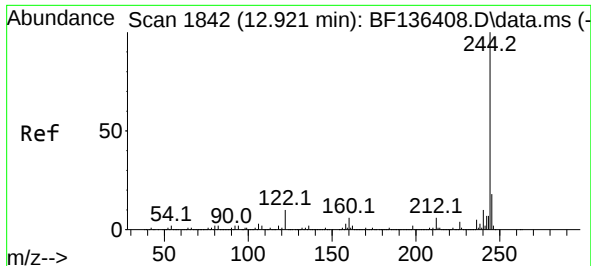
Ion Ratio Lower Upper

240 100

120 11.6 7.3 10.9#

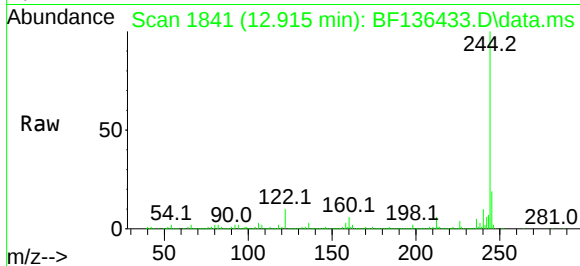
236 24.9 21.3 31.9



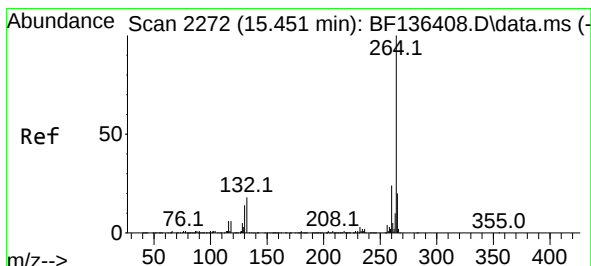
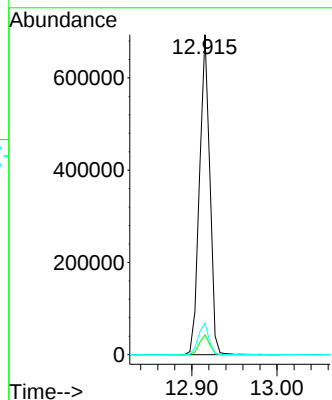
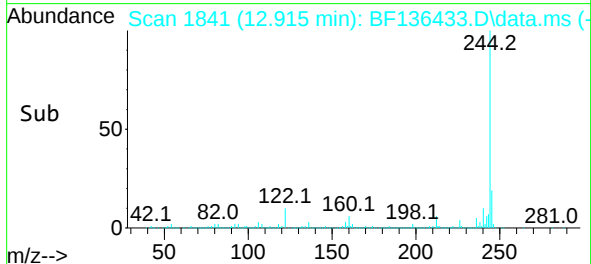


#79
 Terphenyl-d14
 Concen: 40.572 ng
 RT: 12.915 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF136433.D
 Acq: 06 Dec 2023 17:45

Instrument :
 BNA_F
 ClientSampleId :
 ROUTE-4-TP-6



Tgt Ion:244 Resp: 583026
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.0 7.4
 122 9.8 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: BF136433.D
 Acq: 06 Dec 2023 17:45

Tgt Ion:264 Resp: 143322
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.3 15.9 23.9

