

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
 Data File : BF136434.D
 Acq On : 06 Dec 2023 18:17
 Operator : CG\JU
 Sample : 05602-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROUTE-4-TP-5

Quant Time: Dec 07 00:54:04 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)

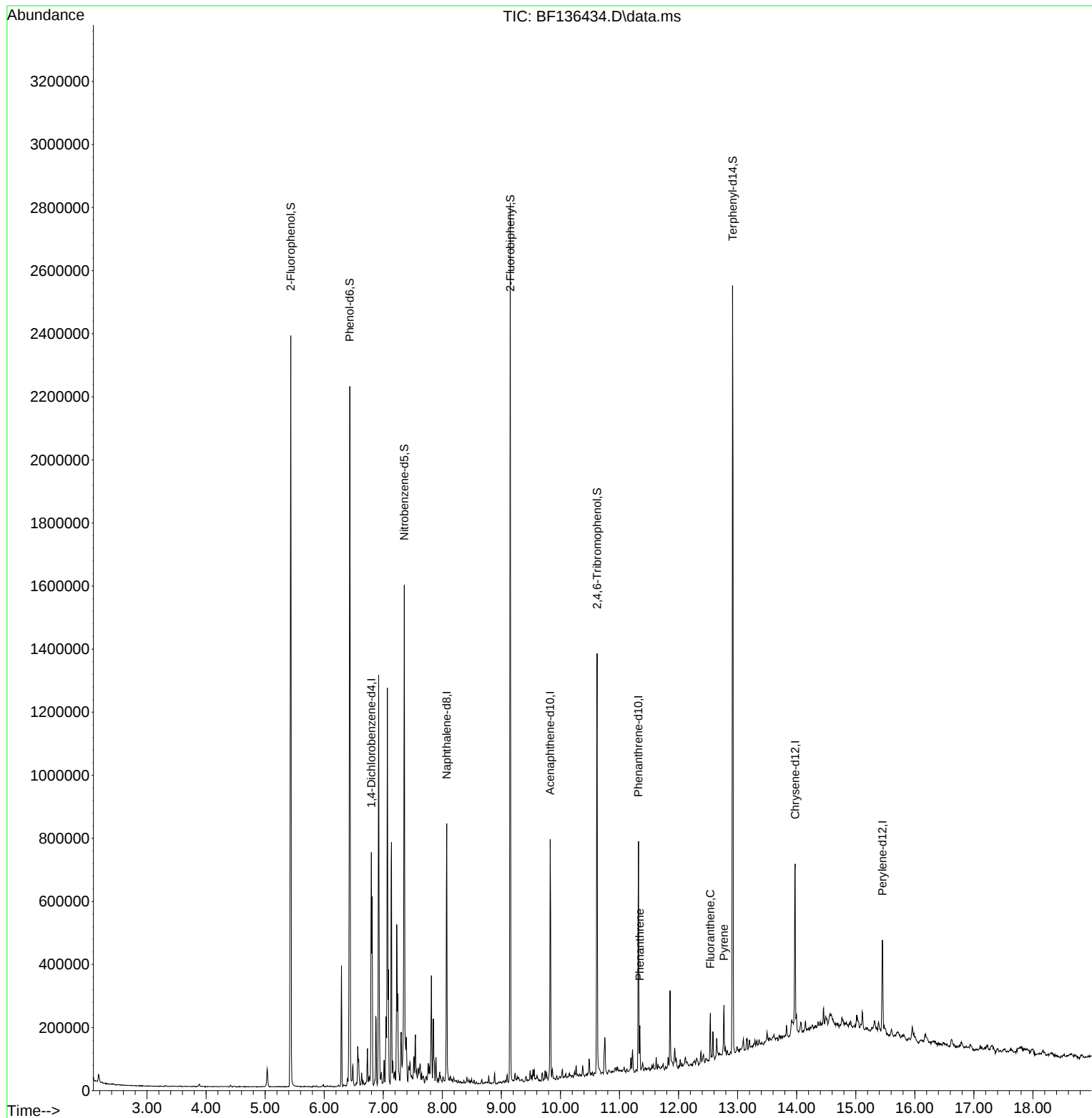
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	97737	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	337144	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	140905	20.000	ng	-0.01
64) Phenanthrene-d10	11.321	188	254261	20.000	ng	0.00
76) Chrysene-d12	13.974	240	176423	20.000	ng	0.00
86) Perylene-d12	15.451	264	139250	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	677499	102.372	ng	0.00
7) Phenol-d6	6.434	99	810114	98.112	ng	-0.01
23) Nitrobenzene-d5	7.357	82	467033	74.888	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	167757	96.558	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	773645	74.918	ng	-0.01
79) Terphenyl-d14	12.915	244	850892	63.570	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.345	178	50994	3.649	ng	98
75) Fluoranthene	12.539	202	55742	3.806	ng	98
78) Pyrene	12.768	202	64563	3.737	ng	96

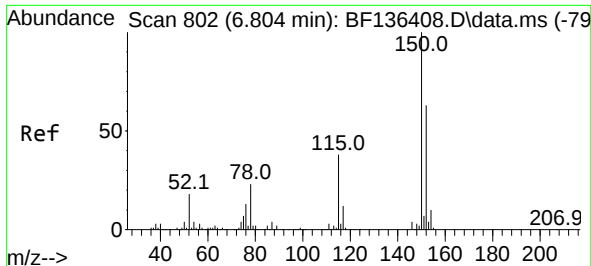
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
Data File : BF136434.D
Acq On : 06 Dec 2023 18:17
Operator : CG\JU
Sample : 05602-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ROUTE-4-TP-5

Quant Time: Dec 07 00:54:04 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

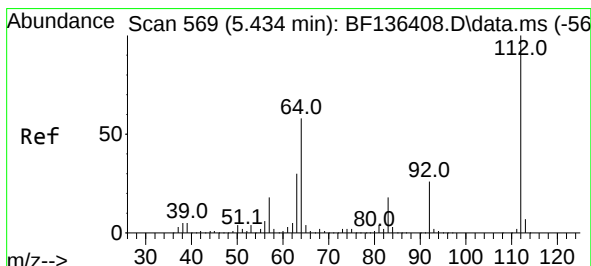
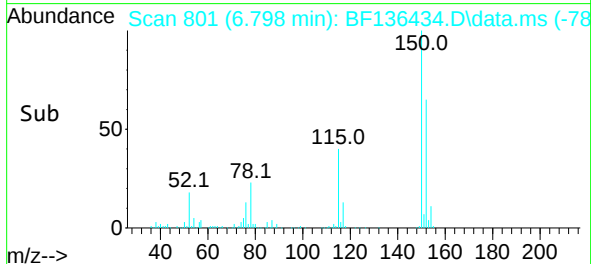
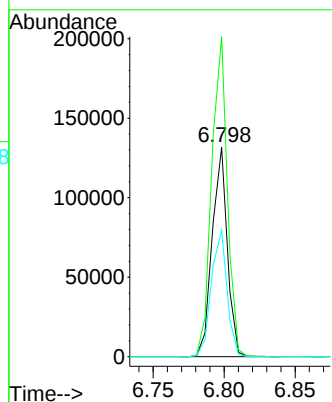
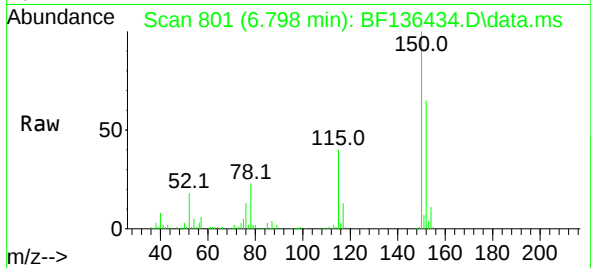




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF136434.D
Acq: 06 Dec 2023 18:17

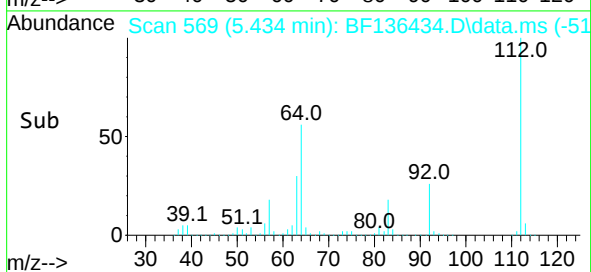
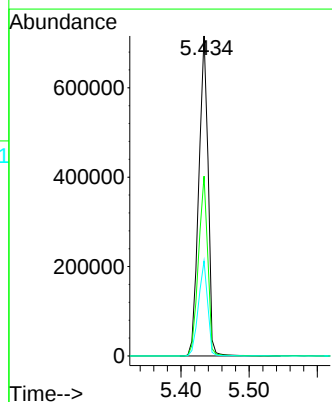
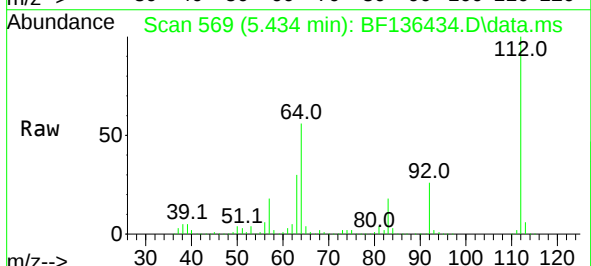
Instrument :
BNA_F
ClientSampleId :
ROUTE-4-TP-5

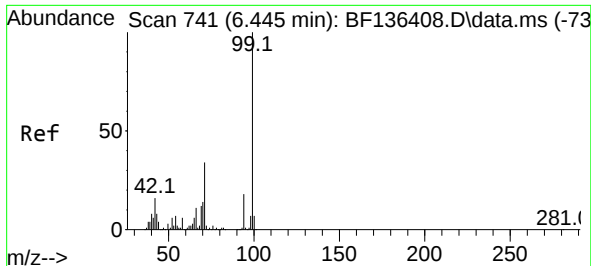
Tgt Ion:152 Resp: 97737
Ion Ratio Lower Upper
152 100
150 152.8 126.4 189.6
115 60.4 48.2 72.4



#5
2-Fluorophenol
Concen: 102.372 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.000 min
Lab File: BF136434.D
Acq: 06 Dec 2023 18:17

Tgt Ion:112 Resp: 677499
Ion Ratio Lower Upper
112 100
64 56.2 46.5 69.7
63 29.7 23.9 35.9

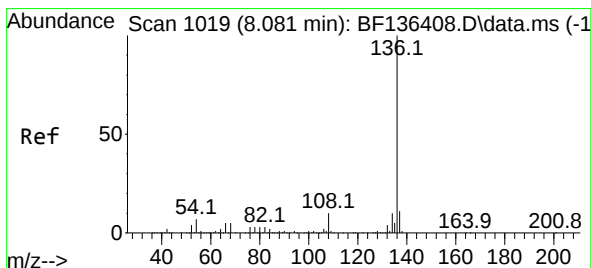
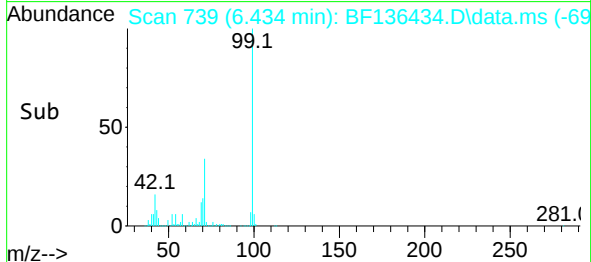
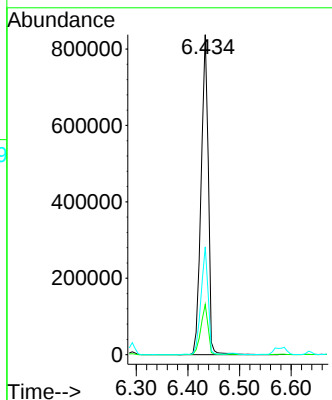
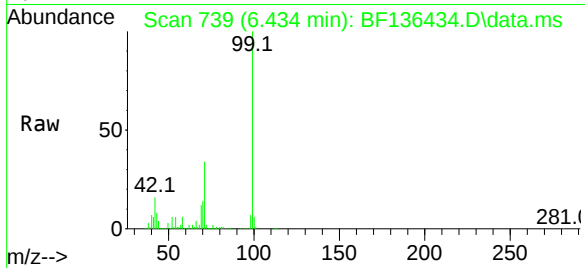




#7
Phenol-d6
Concen: 98.112 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136434.D
Acq: 06 Dec 2023 18:17

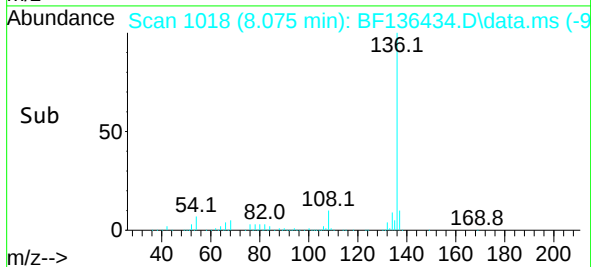
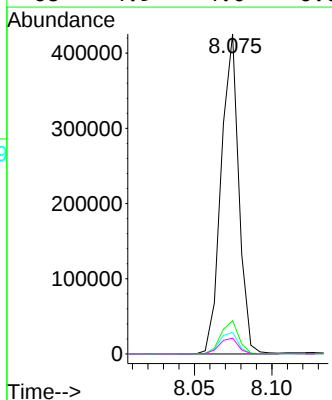
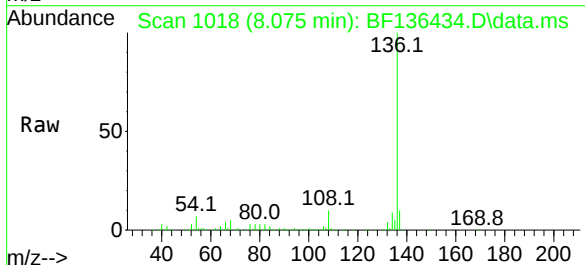
Instrument :
BNA_F
ClientSampleId :
ROUTE-4-TP-5

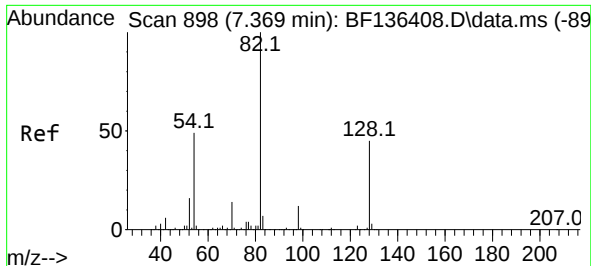
Tgt Ion: 99 Resp: 810114
Ion Ratio Lower Upper
99 100
42 15.7 12.8 19.2
71 33.7 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF136434.D
Acq: 06 Dec 2023 18:17

Tgt Ion: 136 Resp: 337144
Ion Ratio Lower Upper
136 100
137 10.4 8.6 12.8
54 6.7 5.7 8.5
68 4.9 4.0 6.0





#23

Nitrobenzene-d5

Concen: 74.888 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136434.D

Acq: 06 Dec 2023 18:17

Instrument :

BNA_F

ClientSampleId :

ROUTE-4-TP-5

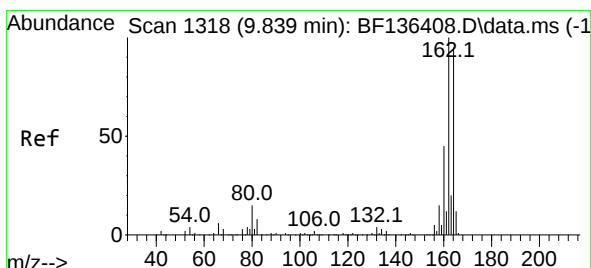
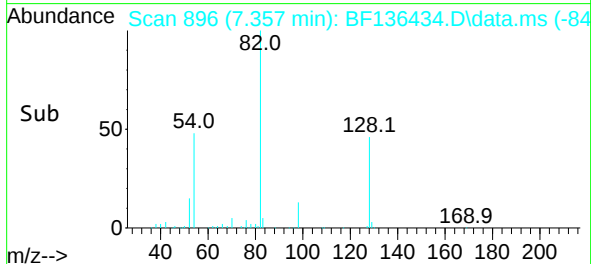
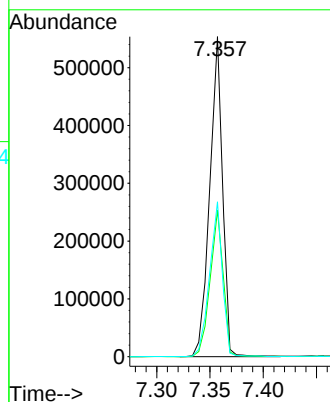
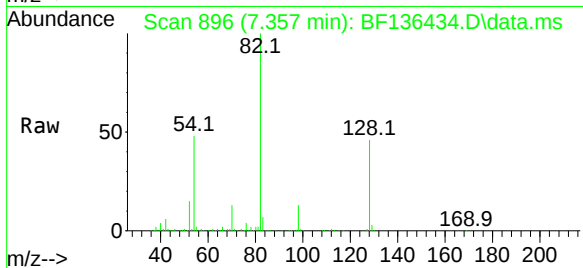
Tgt Ion: 82 Resp: 467033

Ion Ratio Lower Upper

82 100

128 45.8 36.3 54.5

54 48.4 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: BF136434.D

Acq: 06 Dec 2023 18:17

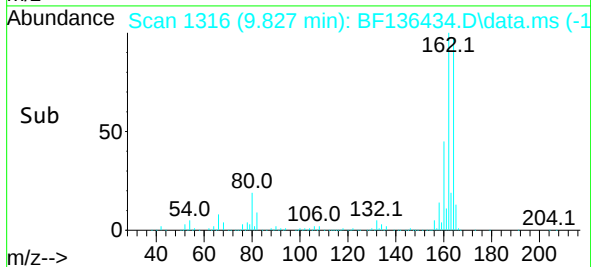
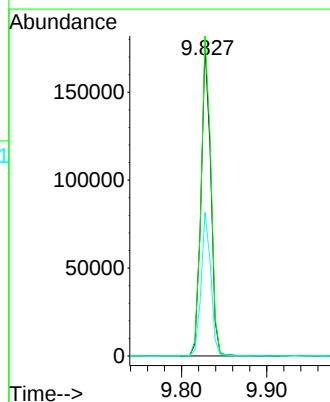
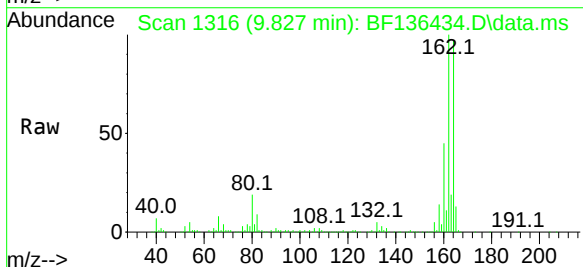
Tgt Ion: 164 Resp: 140905

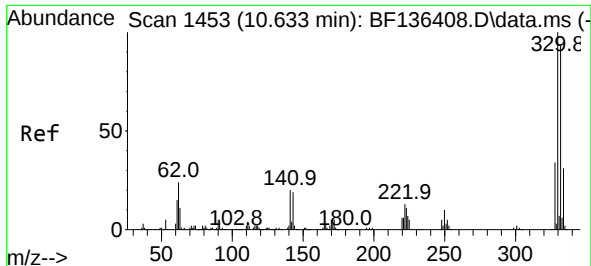
Ion Ratio Lower Upper

164 100

162 103.2 84.4 126.6

160 46.3 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 96.558 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136434.D

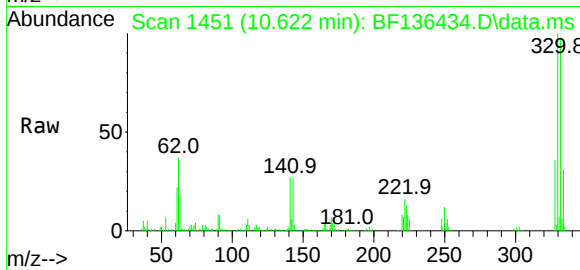
Acq: 06 Dec 2023 18:17

Instrument :

BNA_F

ClientSampleId :

ROUTE-4-TP-5



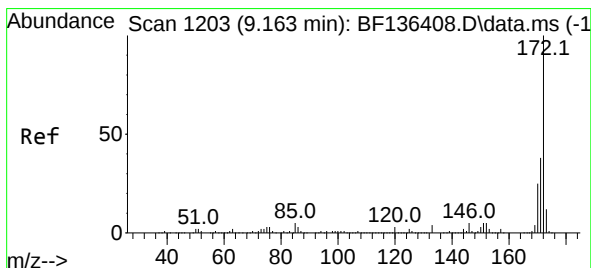
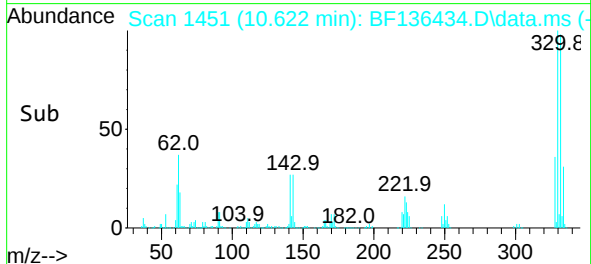
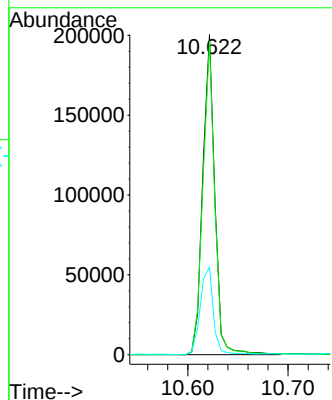
Tgt Ion:330 Resp: 167757

Ion Ratio Lower Upper

330 100

332 97.7 76.4 114.6

141 29.8 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 74.918 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF136434.D

Acq: 06 Dec 2023 18:17

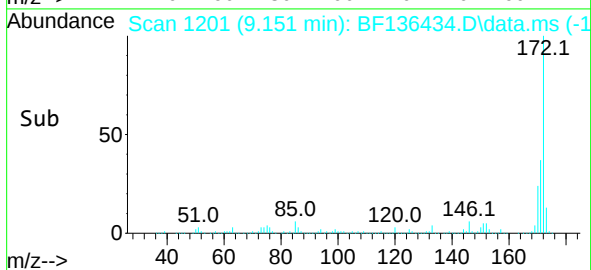
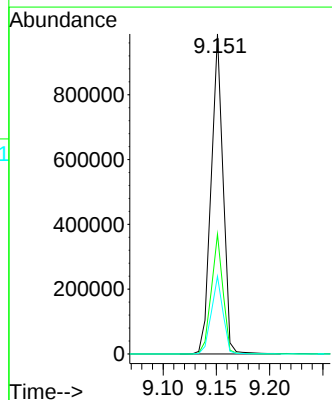
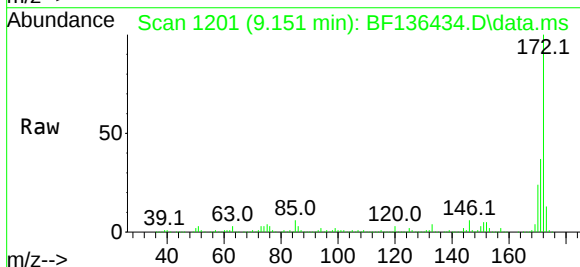
Tgt Ion:172 Resp: 773645

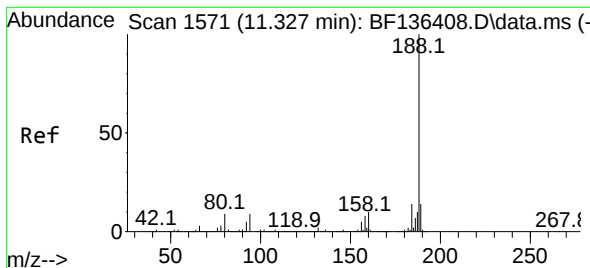
Ion Ratio Lower Upper

172 100

171 37.5 30.5 45.7

170 24.3 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: BF136434.D

Acq: 06 Dec 2023 18:17

Instrument :

BNA_F

ClientSampleId :

ROUTE-4-TP-5

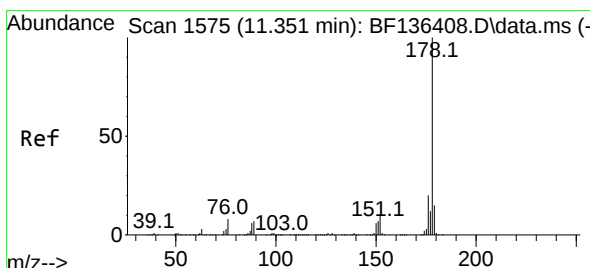
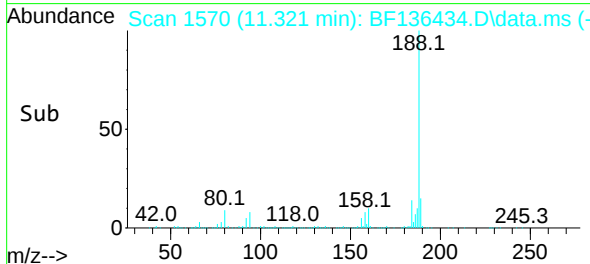
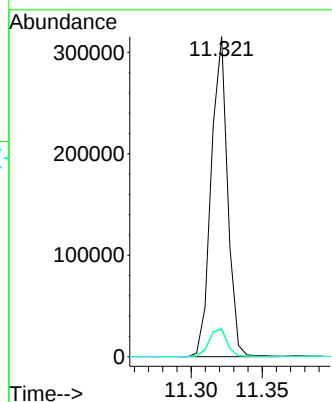
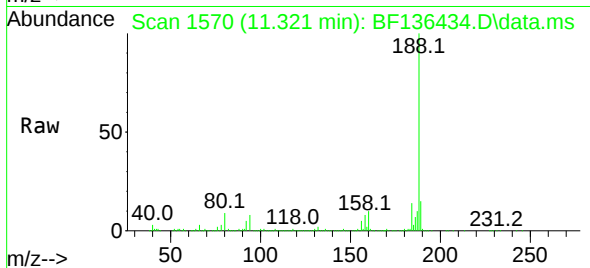
Tgt Ion:188 Resp: 254261

Ion Ratio Lower Upper

188 100

94 8.4 7.2 10.8

80 8.9 7.2 10.8



#71

Phenanthrene

Concen: 3.649 ng

RT: 11.345 min Scan# 1574

Delta R.T. -0.006 min

Lab File: BF136434.D

Acq: 06 Dec 2023 18:17

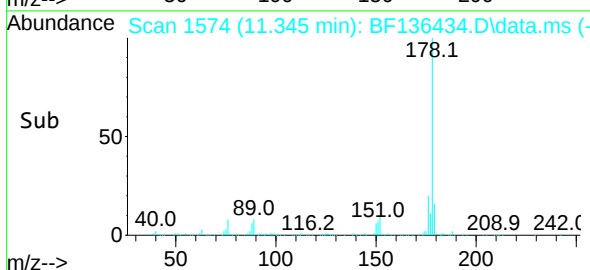
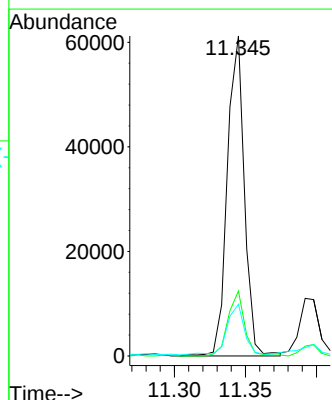
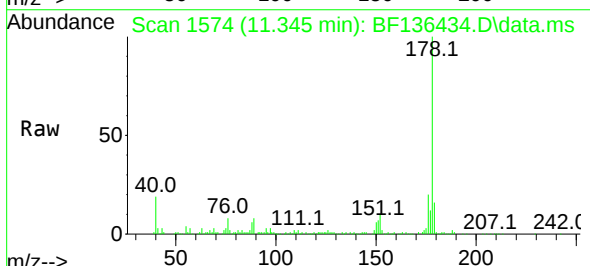
Tgt Ion:178 Resp: 50994

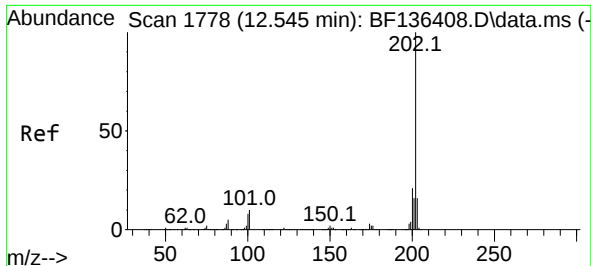
Ion Ratio Lower Upper

178 100

176 20.3 15.9 23.9

179 16.1 11.8 17.6

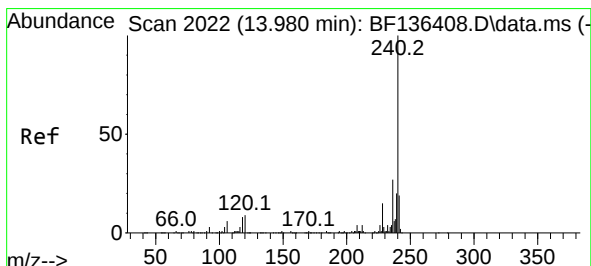
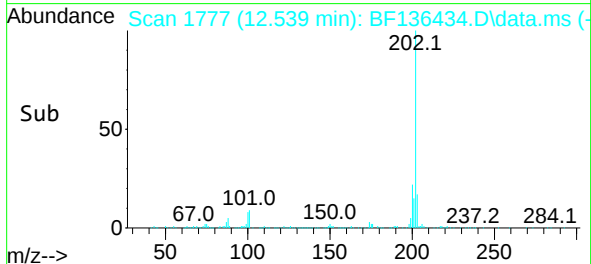
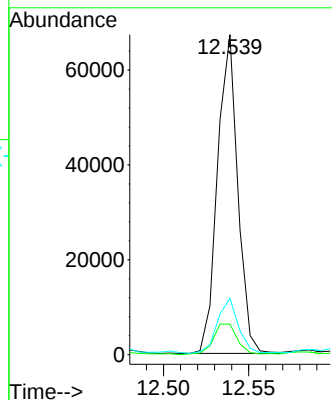
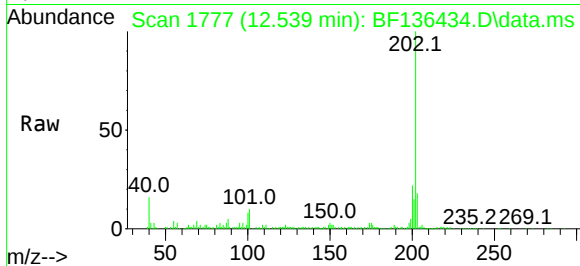




#75
Fluoranthene
Concen: 3.806 ng
RT: 12.539 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136434.D
Acq: 06 Dec 2023 18:17

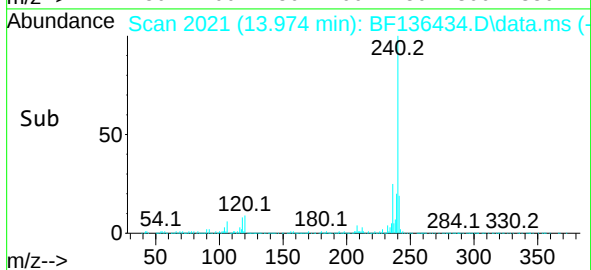
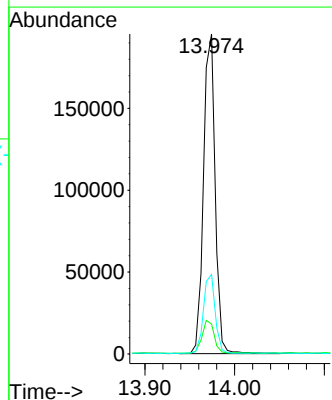
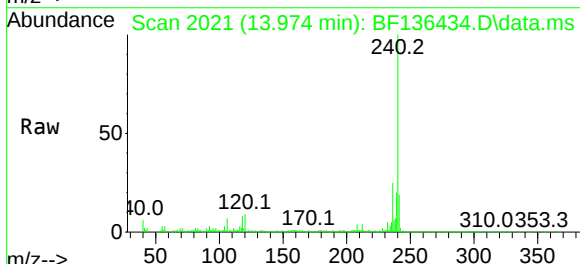
Instrument :
BNA_F
ClientSampleId :
ROUTE-4-TP-5

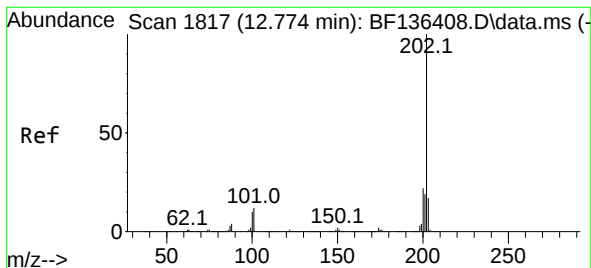
Tgt Ion:202 Resp: 55742
Ion Ratio Lower Upper
202 100
101 9.6 0.0 29.9
203 17.6 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF136434.D
Acq: 06 Dec 2023 18:17

Tgt Ion:240 Resp: 176423
Ion Ratio Lower Upper
240 100
120 9.4 7.3 10.9
236 24.8 21.3 31.9





#78

Pyrene

Concen: 3.737 ng

RT: 12.768 min Scan# 1816

Delta R.T. -0.006 min

Lab File: BF136434.D

Acq: 06 Dec 2023 18:17

Instrument :

BNA_F

ClientSampleId :

ROUTE-4-TP-5

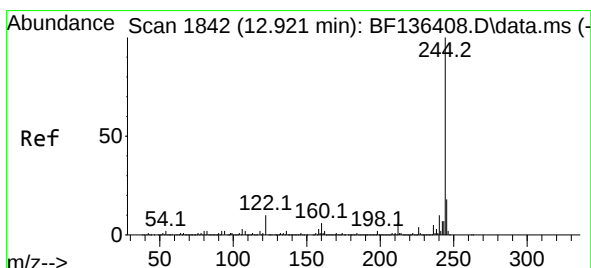
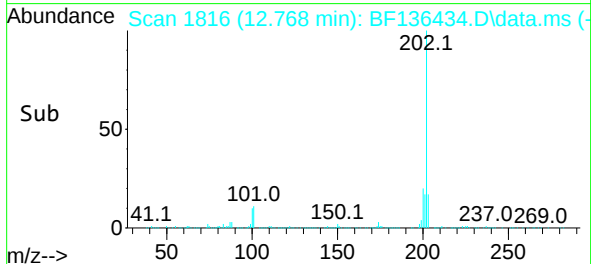
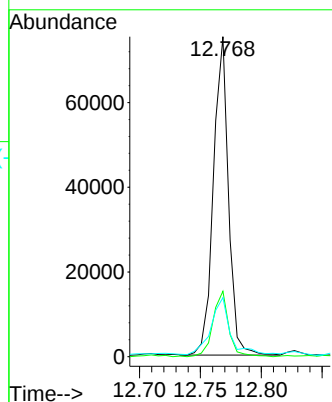
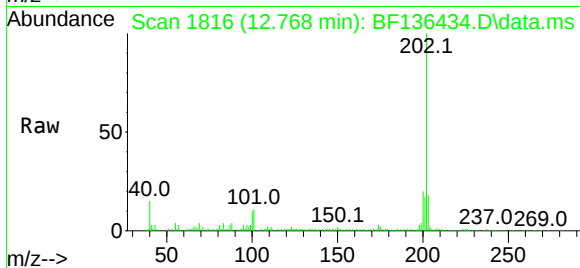
Tgt Ion:202 Resp: 64563

Ion Ratio Lower Upper

202 100

200 20.4 18.0 27.0

203 18.4 13.5 20.3



#79

Terphenyl-d14

Concen: 63.570 ng

RT: 12.915 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF136434.D

Acq: 06 Dec 2023 18:17

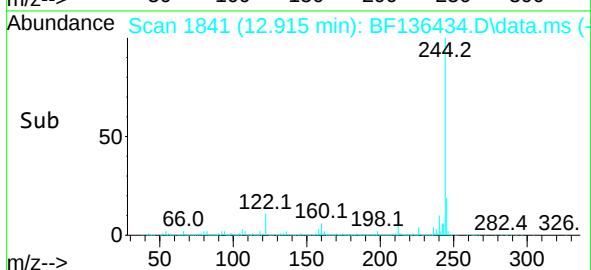
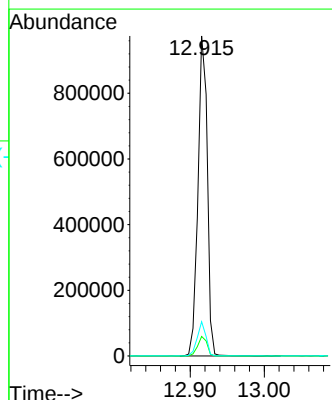
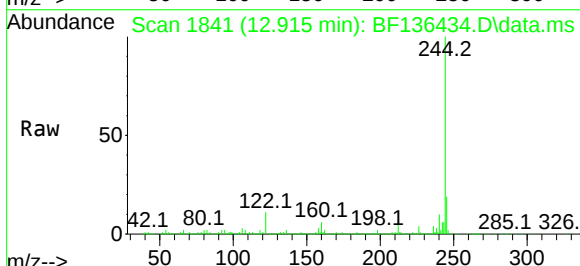
Tgt Ion:244 Resp: 850892

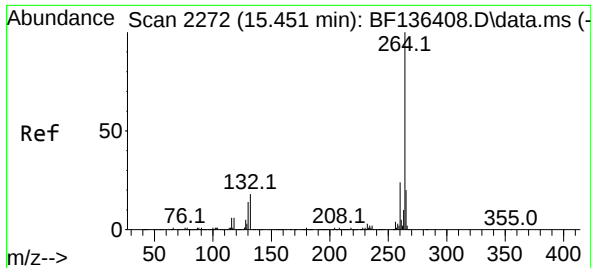
Ion Ratio Lower Upper

244 100

212 6.1 5.0 7.4

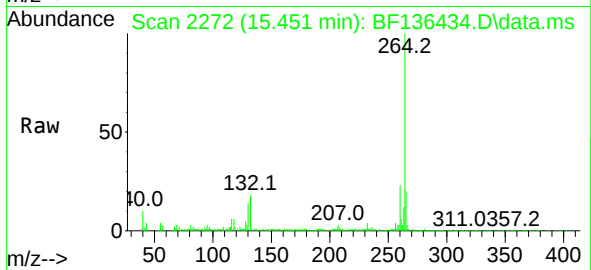
122 10.7 8.3 12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF136434.D
Acq: 06 Dec 2023 18:17

Instrument :
BNA_F
ClientSampleId :
ROUTE-4-TP-5



Tgt Ion:264	Resp:	139250
Ion	Ratio	Lower Upper
264	100	
260	23.4	19.2 28.8
265	20.1	15.9 23.9

