

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101424\
Data File : BF139790.D
Acq On : 14 Oct 2024 16:00
Operator : RC/JU
Sample : P4375-25
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FENCE-POST-2

Quant Time: Oct 14 16:21:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	103456	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	406541	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	229363	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	439154	20.000	ng	0.00
76) Chrysene-d12	14.027	240	252187	20.000	ng	0.00
86) Perylene-d12	15.498	264	173358	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	388929	65.159	ng	0.00
7) Phenol-d6	6.498	99	619116	77.130	ng	0.00
23) Nitrobenzene-d5	7.422	82	444001	55.295	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	122089	55.141	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	841906	56.351	ng	-0.01
79) Terphenyl-d14	12.969	244	945045	61.488	ng	-0.01

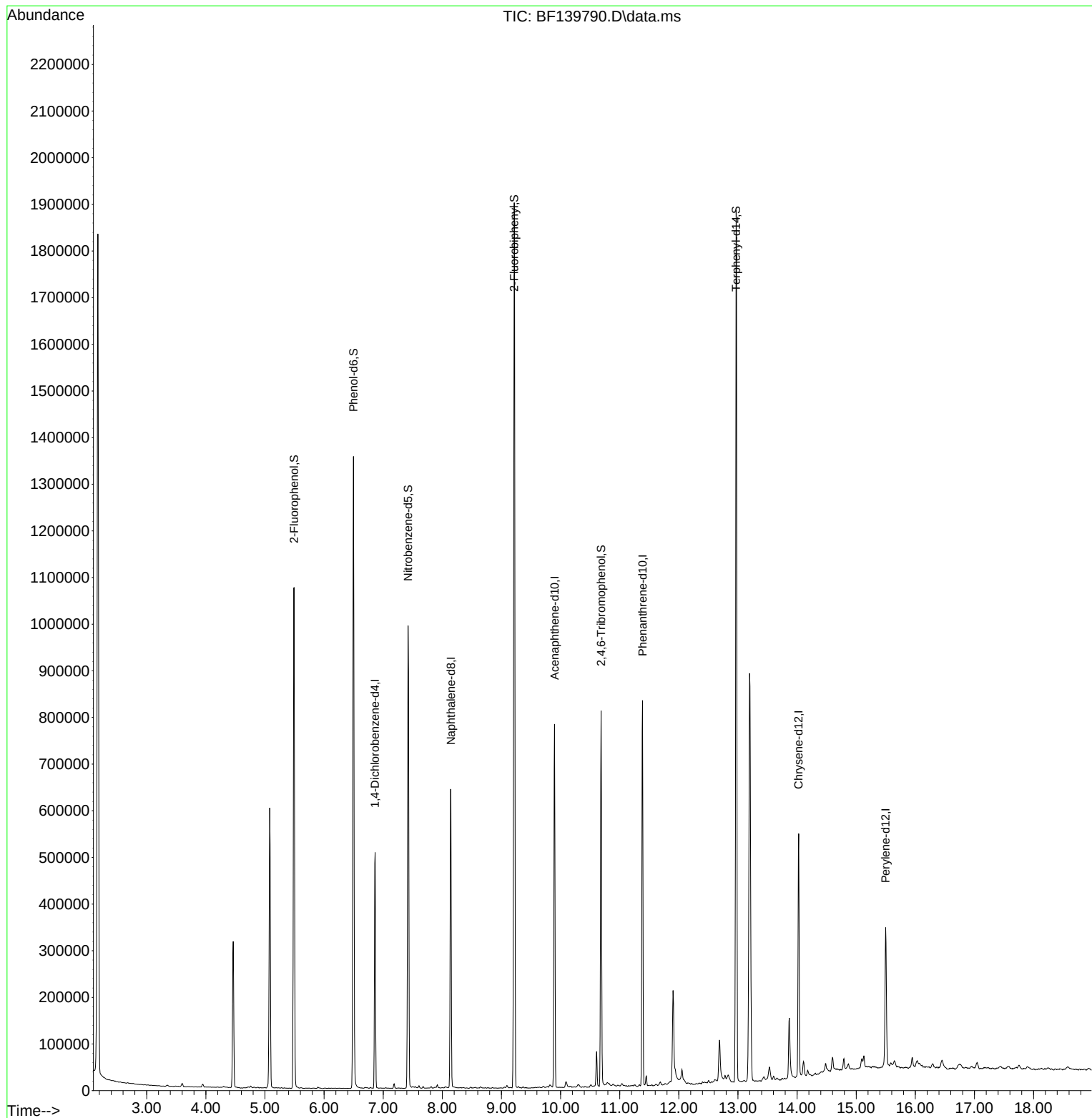
Target Compounds	Qvalue

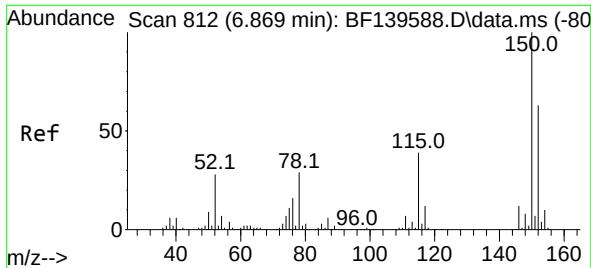
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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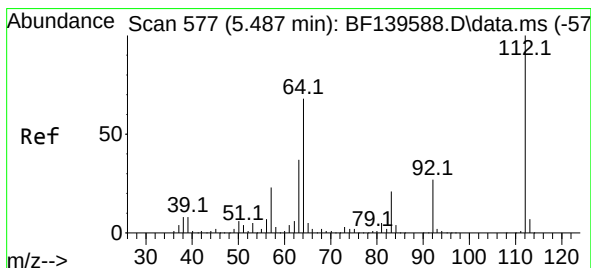
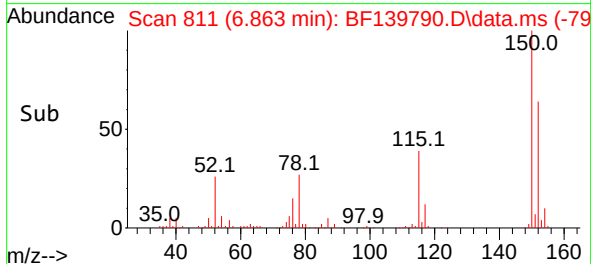
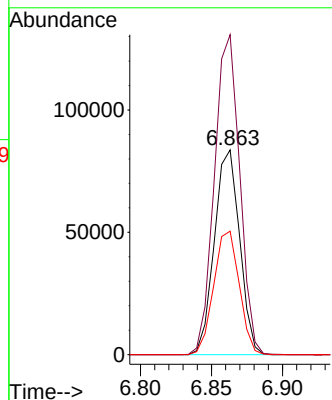
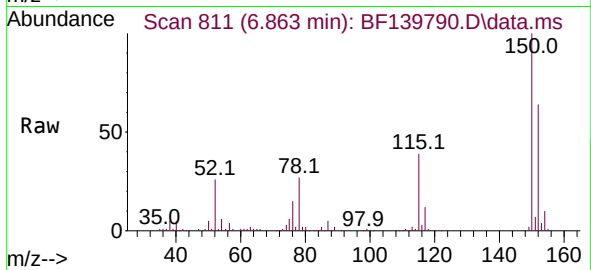




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139790.D
Acq: 14 Oct 2024 16:00

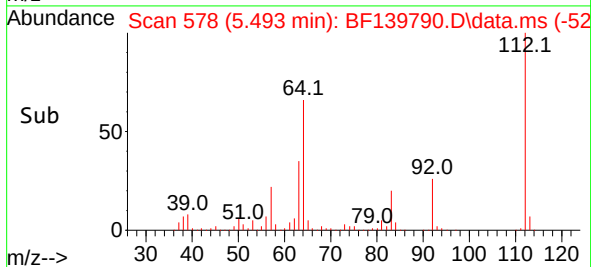
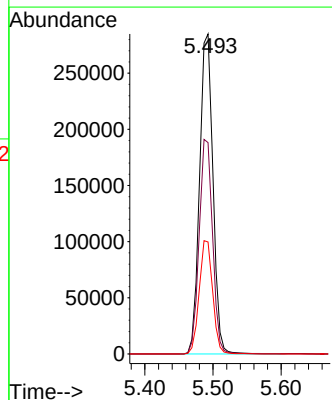
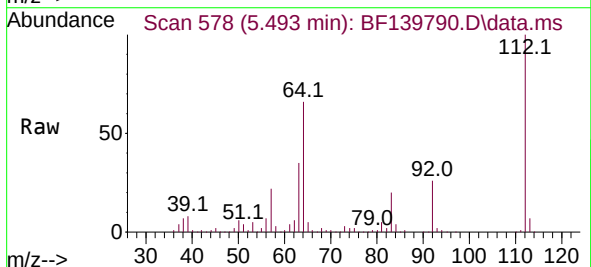
Instrument :
BNA_F
ClientSampleId :
FENCE-POST-2

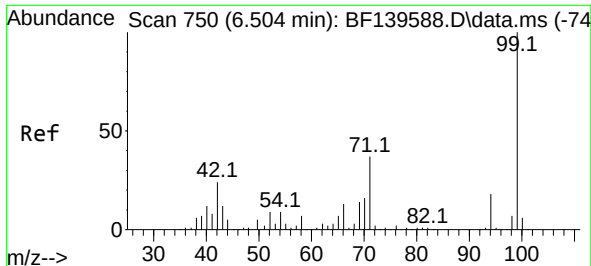
Tgt Ion:152 Resp: 103456
Ion Ratio Lower Upper
152 100
150 156.3 127.2 190.8
115 60.3 49.0 73.4



#5
2-Fluorophenol
Concen: 65.159 ng
RT: 5.493 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF139790.D
Acq: 14 Oct 2024 16:00

Tgt Ion:112 Resp: 388929
Ion Ratio Lower Upper
112 100
64 66.0 54.2 81.4
63 35.0 29.4 44.2

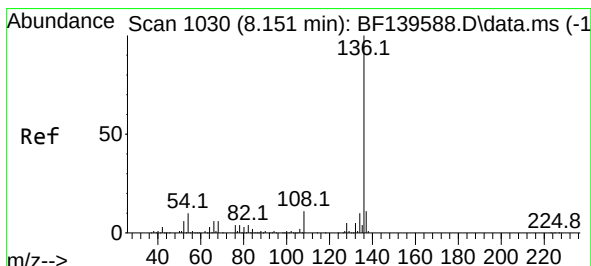
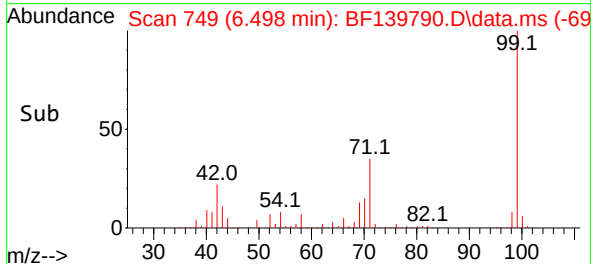
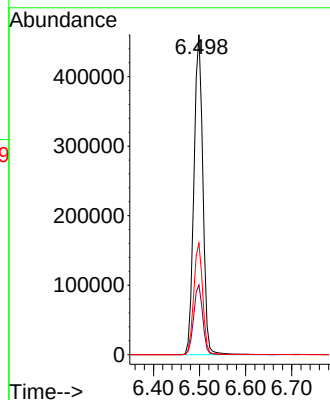
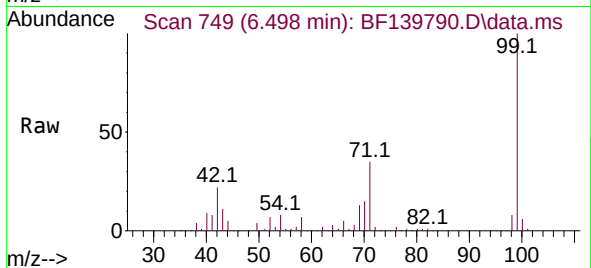




#7
Phenol-d6
Concen: 77.130 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139790.D
Acq: 14 Oct 2024 16:00

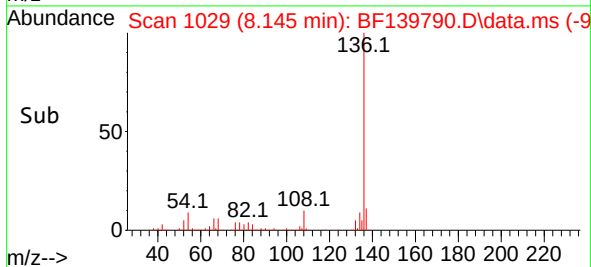
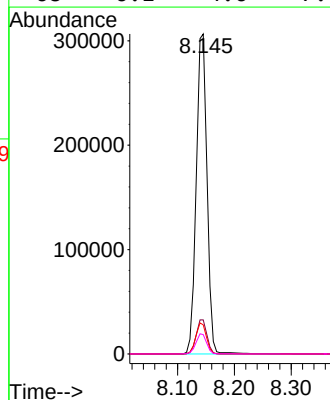
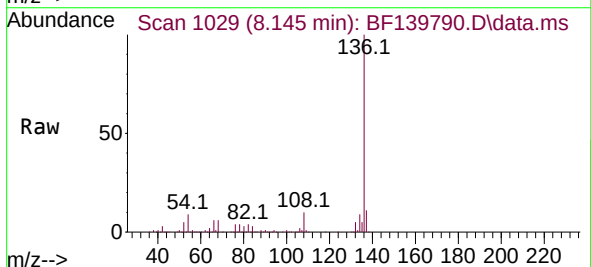
Instrument :
BNA_F
ClientSampleId :
FENCE-POST-2

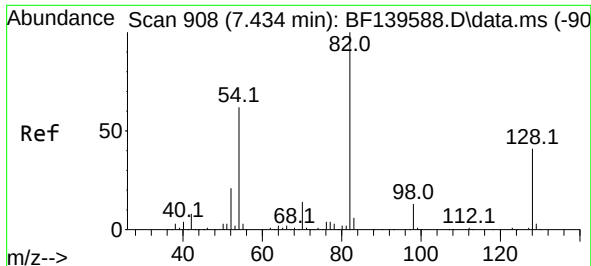
Tgt Ion: 99 Resp: 619116
Ion Ratio Lower Upper
99 100
42 21.8 19.1 28.7
71 34.9 29.7 44.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF139790.D
Acq: 14 Oct 2024 16:00

Tgt Ion: 136 Resp: 406541
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 9.1 8.3 12.5
68 6.1 4.6 7.0





#23

Nitrobenzene-d5

Concen: 55.295 ng

RT: 7.422 min Scan# 908

Delta R.T. -0.012 min

Lab File: BF139790.D

Acq: 14 Oct 2024 16:00

Instrument :

BNA_F

ClientSampleId :

FENCE-POST-2

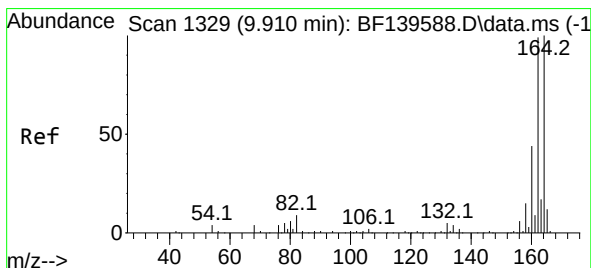
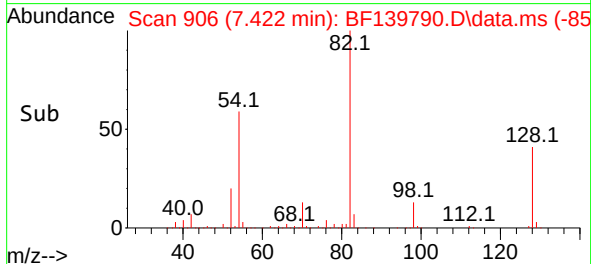
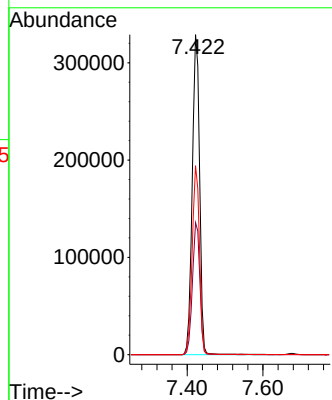
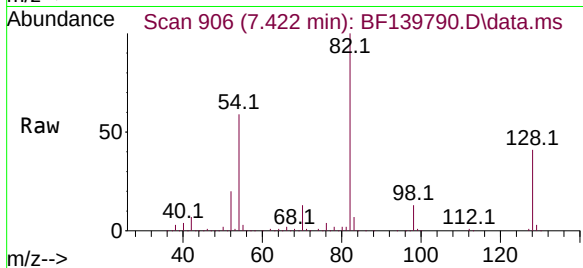
Tgt Ion: 82 Resp: 444001

Ion Ratio Lower Upper

82 100

128 41.3 32.4 48.6

54 59.0 49.1 73.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.012 min

Lab File: BF139790.D

Acq: 14 Oct 2024 16:00

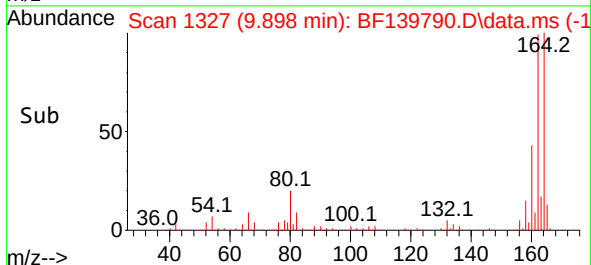
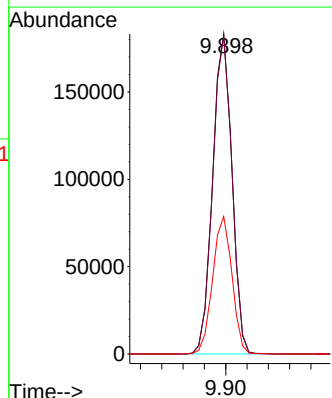
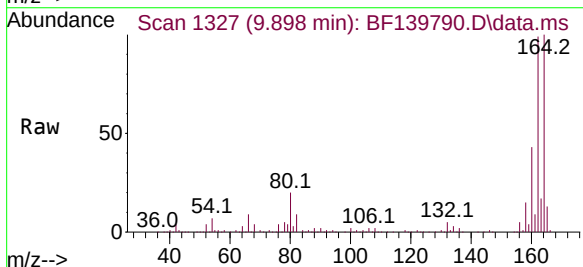
Tgt Ion:164 Resp: 229363

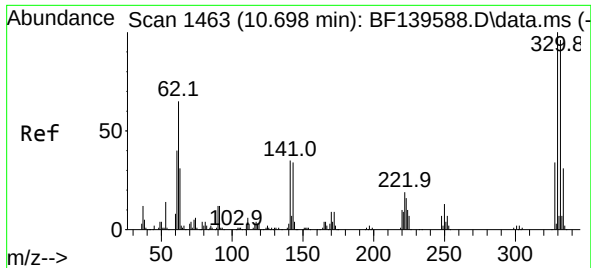
Ion Ratio Lower Upper

164 100

162 99.5 79.4 119.0

160 42.9 35.1 52.7

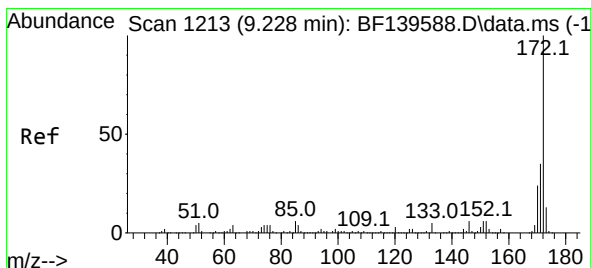
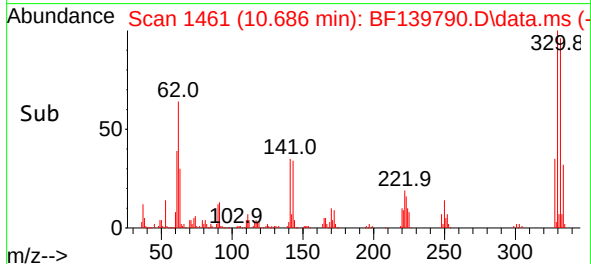
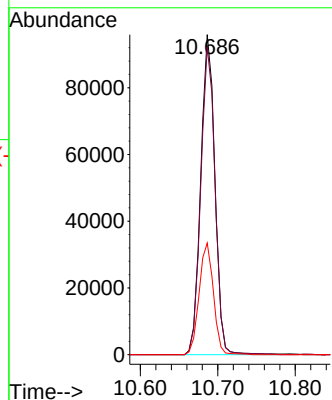
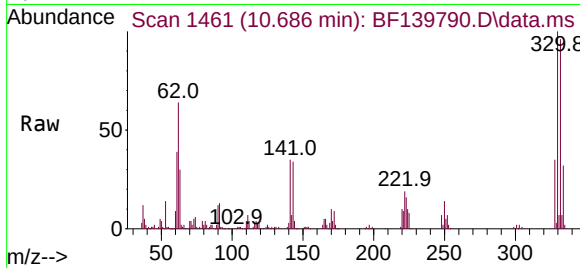




#42
2,4,6-Tribromophenol
Concen: 55.141 ng
RT: 10.686 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BF139790.D
Acq: 14 Oct 2024 16:00

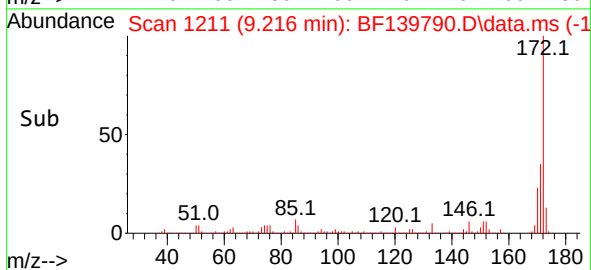
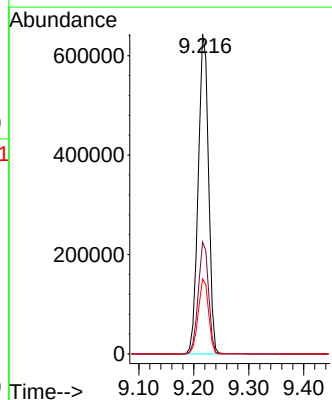
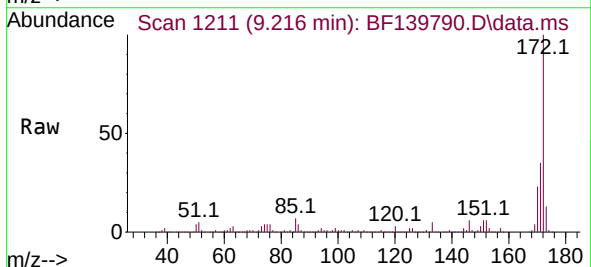
Instrument :
BNA_F
ClientSampleId :
FENCE-POST-2

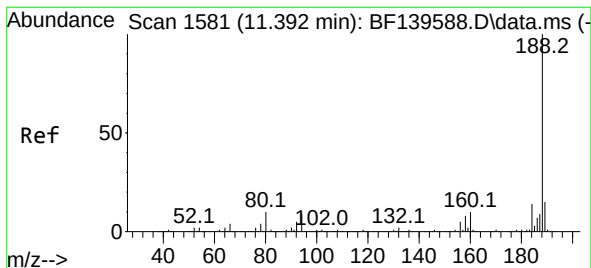
Tgt Ion: 330 Resp: 122089
Ion Ratio Lower Upper
330 100
332 96.5 76.5 114.7
141 35.0 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 56.351 ng
RT: 9.216 min Scan# 1211
Delta R.T. -0.012 min
Lab File: BF139790.D
Acq: 14 Oct 2024 16:00

Tgt Ion: 172 Resp: 841906
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 23.4 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139790.D

Acq: 14 Oct 2024 16:00

Instrument :

BNA_F

ClientSampleId :

FENCE-POST-2

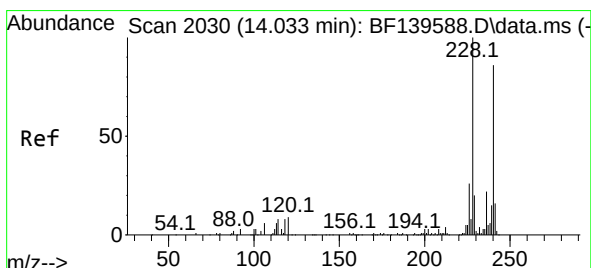
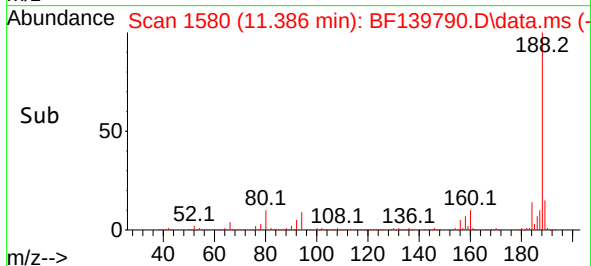
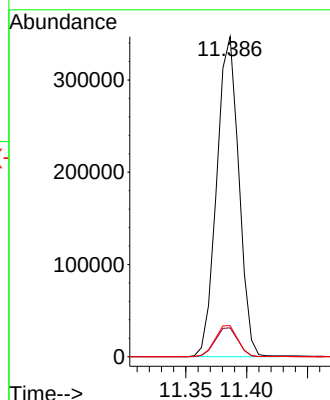
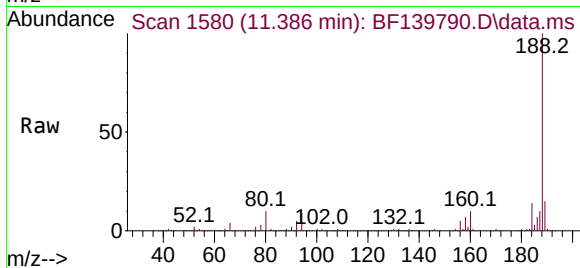
Tgt Ion:188 Resp: 439154

Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.2

80 9.7 8.2 12.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF139790.D

Acq: 14 Oct 2024 16:00

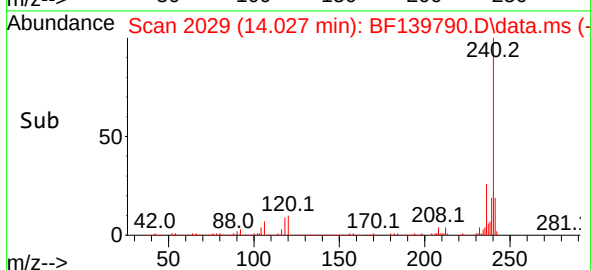
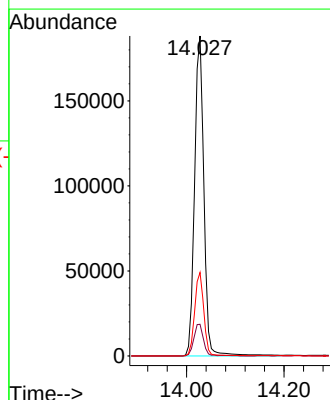
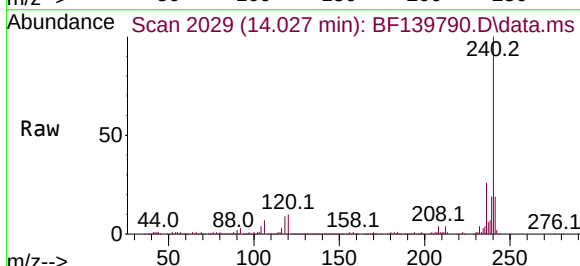
Tgt Ion:240 Resp: 252187

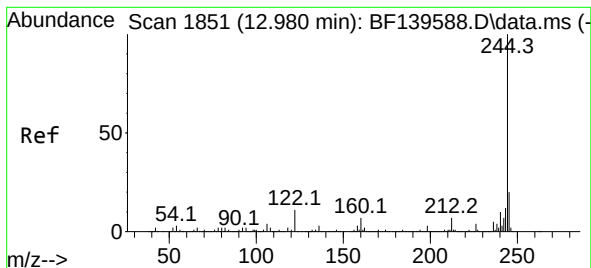
Ion Ratio Lower Upper

240 100

120 9.9 8.4 12.6

236 26.1 20.3 30.5





#79

Terphenyl-d14

Concen: 61.488 ng

RT: 12.969 min Scan# 11

Delta R.T. -0.011 min

Lab File: BF139790.D

Acq: 14 Oct 2024 16:00

Instrument :

BNA_F

ClientSampleId :

FENCE-POST-2

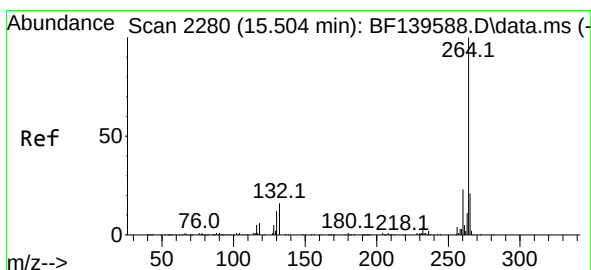
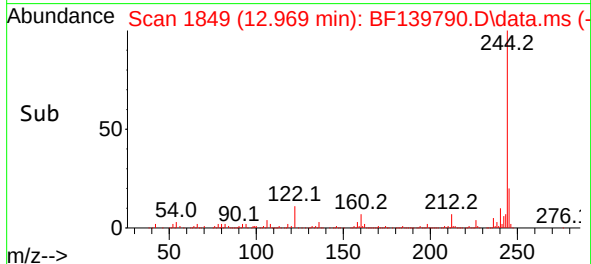
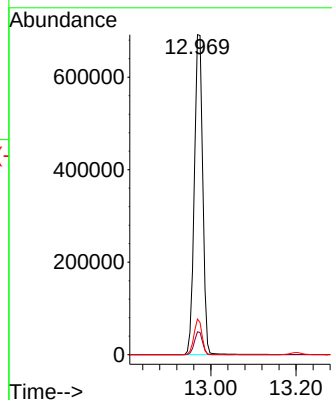
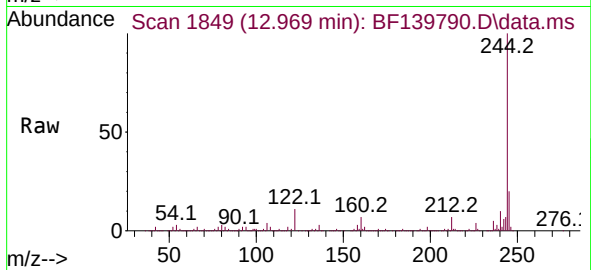
Tgt Ion:244 Resp: 945045

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 11.1 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2279

Delta R.T. -0.006 min

Lab File: BF139790.D

Acq: 14 Oct 2024 16:00

Tgt Ion:264 Resp: 173358

Ion Ratio Lower Upper

264 100

260 22.9 18.7 28.1

265 21.5 16.9 25.3

