

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
 Data File : BF143815.D
 Acq On : 25 Sep 2025 20:51
 Operator : RC/JU
 Sample : Q3176-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-TS14-02

Quant Time: Sep 25 23:25:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 05:00:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	125804	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	460076	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	227974	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	336407	20.000	ng	0.00
76) Chrysene-d12	14.051	240	411393	20.000	ng	-0.01
86) Perylene-d12	15.533	264	527124	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	441845	57.062	ng	0.00
7) Phenol-d6	6.498	99	541042	60.473	ng	-0.01
23) Nitrobenzene-d5	7.440	82	283542	37.724	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	121210	35.909	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	337248	23.085	ng	0.00
79) Terphenyl-d14	12.998	244	497260	24.582	ng	0.00

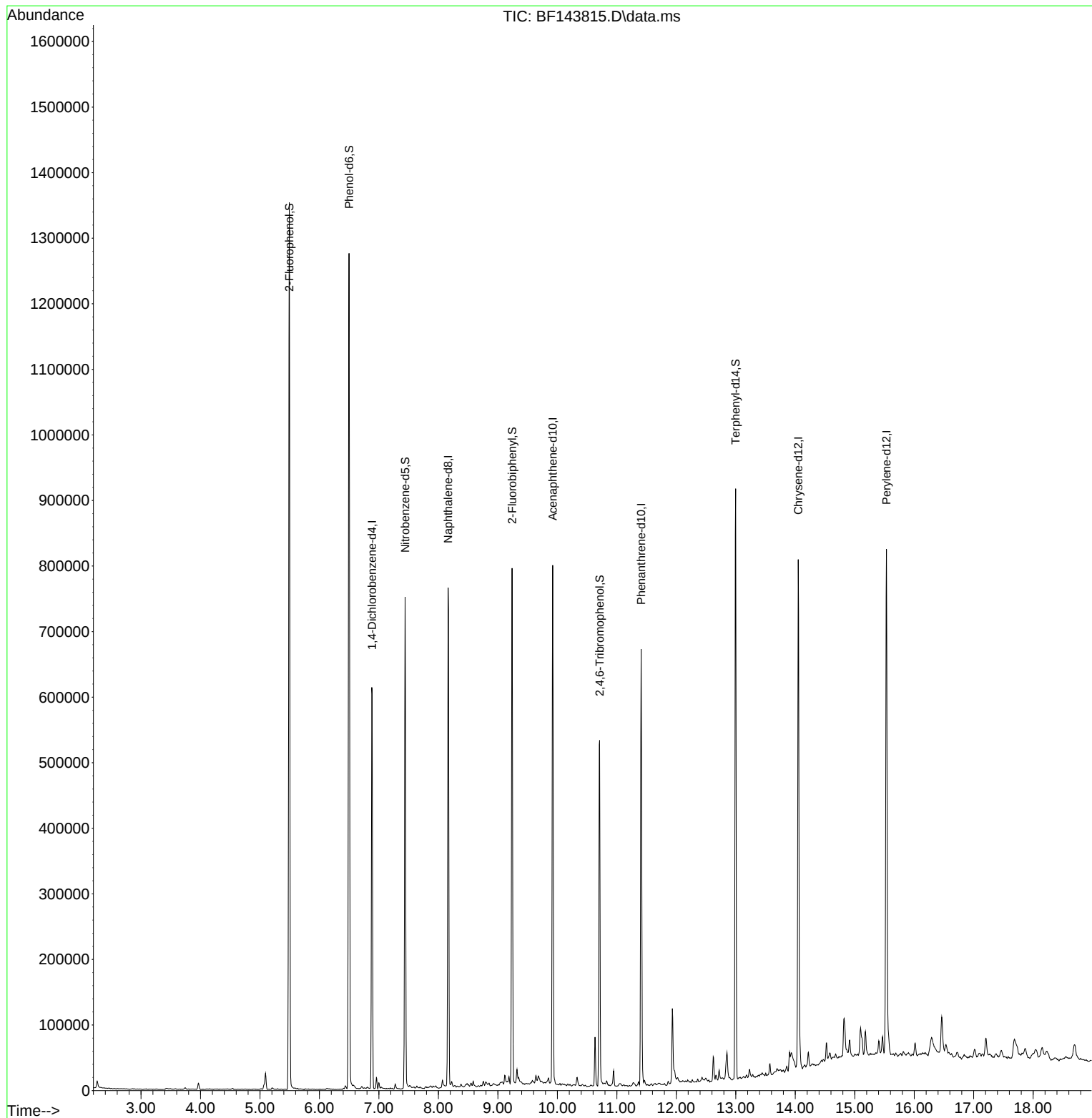
Target Compounds	Qvalue

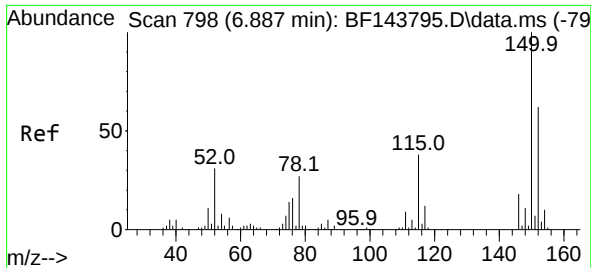
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143815.D
Acq On : 25 Sep 2025 20:51
Operator : RC/JU
Sample : Q3176-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-TS14-02

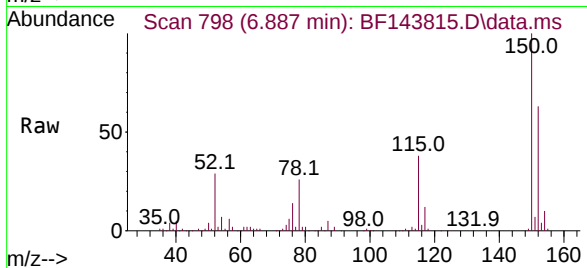
Quant Time: Sep 25 23:25:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 2025
Response via : Initial Calibration



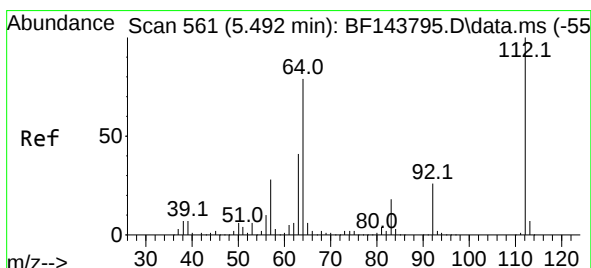
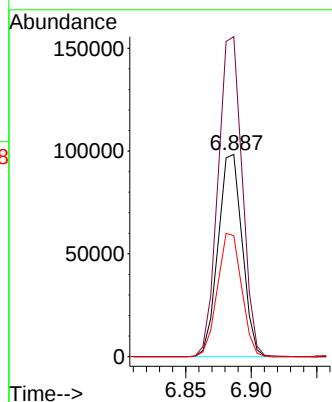
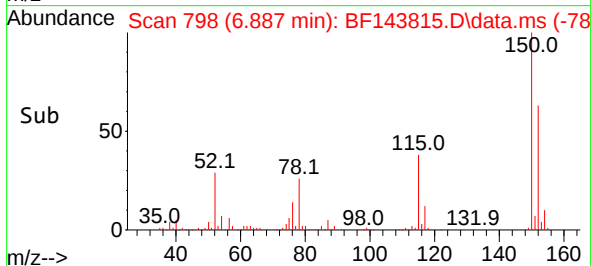


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF143815.D
Acq: 25 Sep 2025 20:51

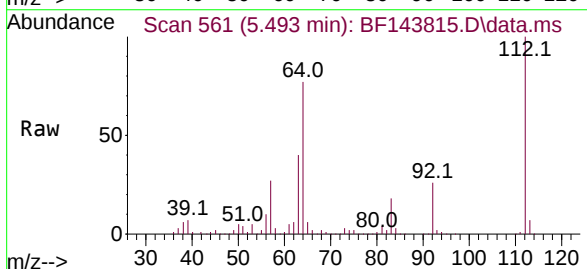
Instrument :
BNA_F
ClientSampleId :
EME-TS14-02



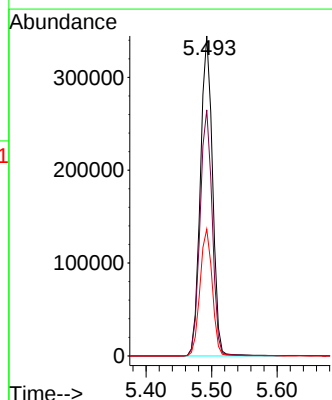
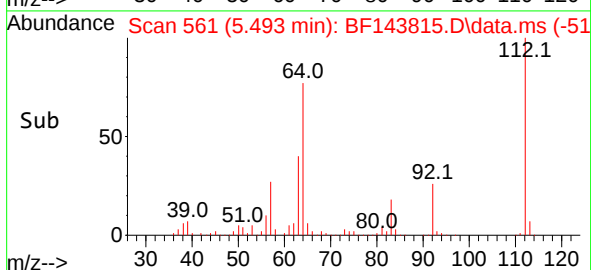
Tgt Ion:152 Resp: 125804
Ion Ratio Lower Upper
152 100
150 158.3 129.6 194.4
115 59.8 49.0 73.4

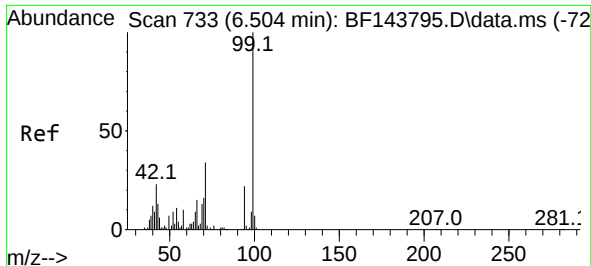


#5
2-Fluorophenol
Concen: 57.062 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.005 min
Lab File: BF143815.D
Acq: 25 Sep 2025 20:51



Tgt Ion:112 Resp: 441845
Ion Ratio Lower Upper
112 100
64 76.9 63.0 94.4
63 39.6 32.6 49.0

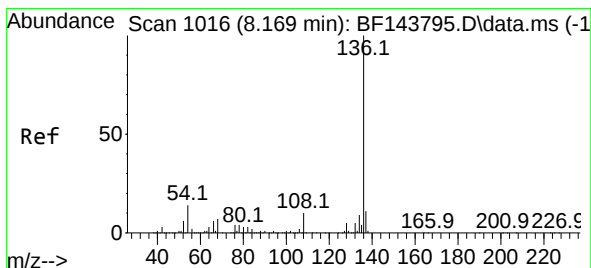
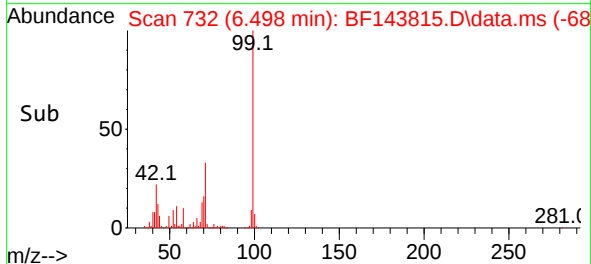
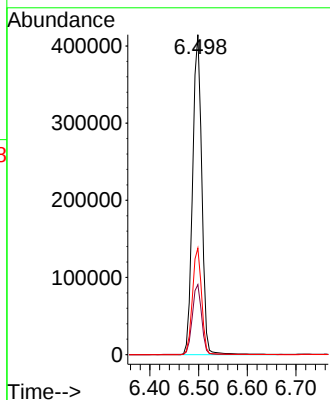
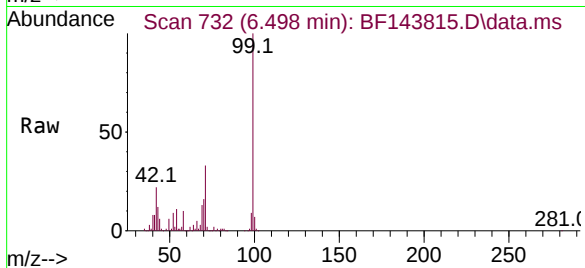




#7
Phenol-d6
Concen: 60.473 ng
RT: 6.498 min Scan# 731
Delta R.T. -0.012 min
Lab File: BF143815.D
Acq: 25 Sep 2025 20:51

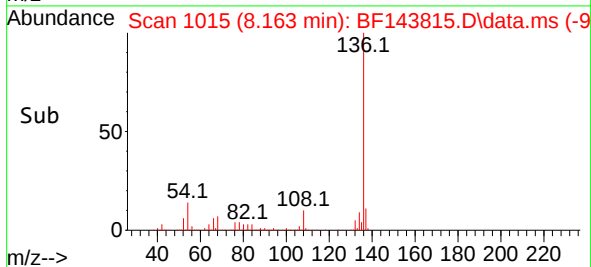
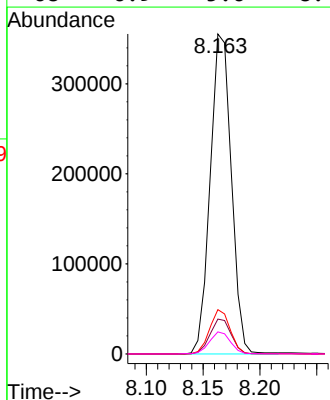
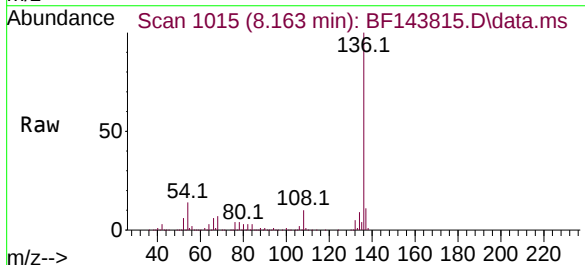
Instrument :
BNA_F
ClientSampleId :
EME-TS14-02

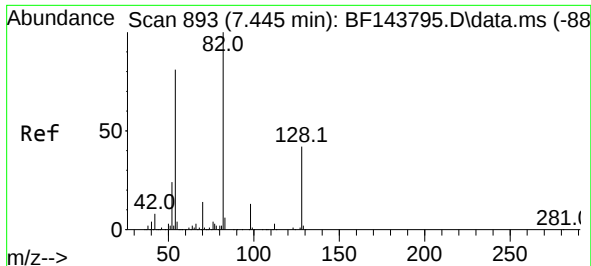
Tgt Ion: 99 Resp: 541042
Ion Ratio Lower Upper
99 100
42 21.9 18.6 28.0
71 33.3 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143815.D
Acq: 25 Sep 2025 20:51

Tgt Ion: 136 Resp: 460076
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 13.8 11.2 16.8
68 6.9 5.6 8.4





#23

Nitrobenzene-d5

Concen: 37.724 ng

RT: 7.440 min Scan# 893

Delta R.T. -0.011 min

Lab File: BF143815.D

Acq: 25 Sep 2025 20:51

Instrument :

BNA_F

ClientSampleId :

EME-TS14-02

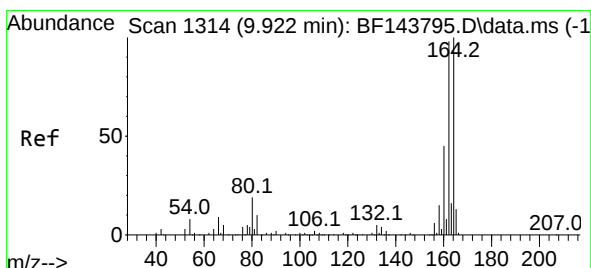
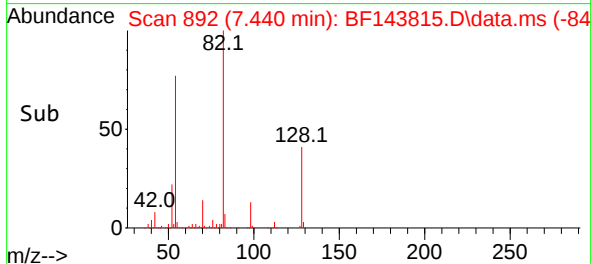
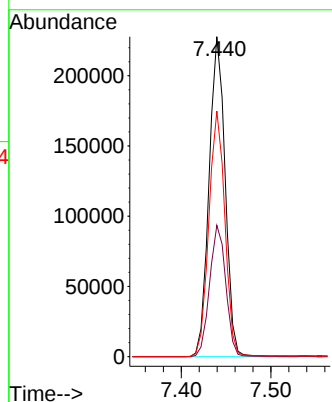
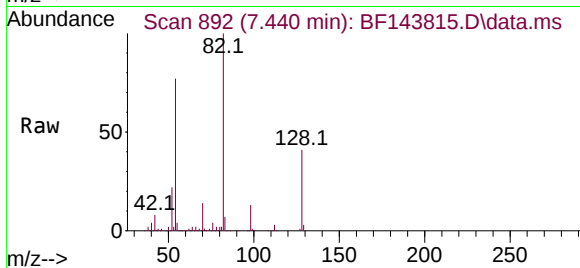
Tgt Ion: 82 Resp: 283542

Ion Ratio Lower Upper

82 100

128 41.0 33.3 49.9

54 76.7 64.2 96.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.006 min

Lab File: BF143815.D

Acq: 25 Sep 2025 20:51

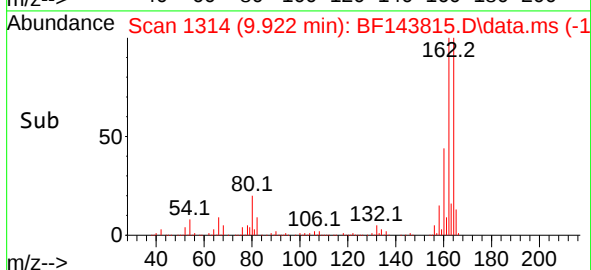
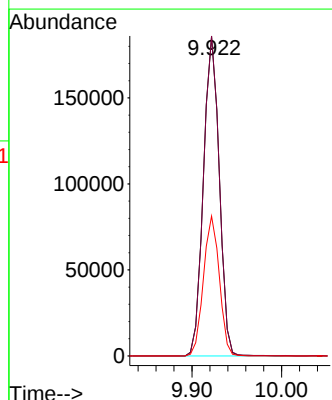
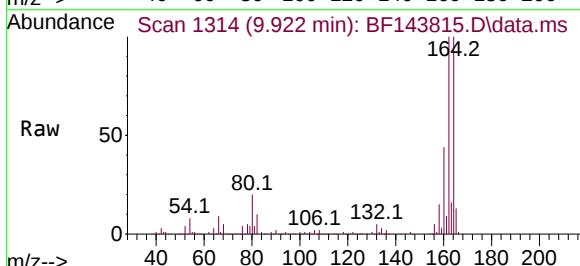
Tgt Ion: 164 Resp: 227974

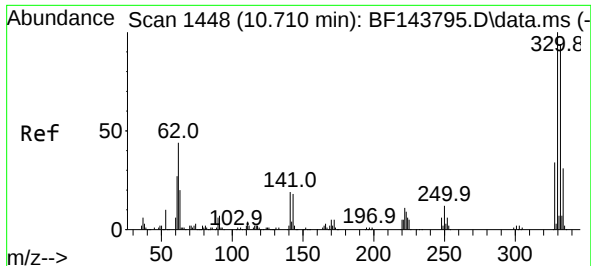
Ion Ratio Lower Upper

164 100

162 100.1 78.8 118.2

160 43.7 35.8 53.6

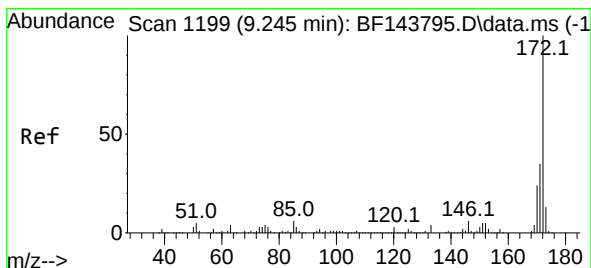
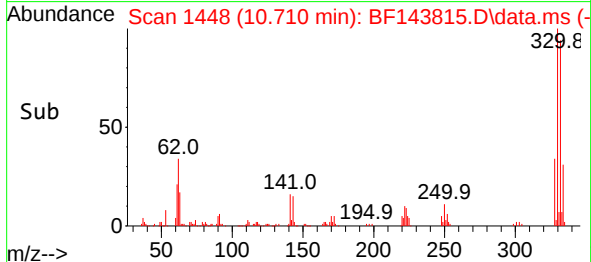
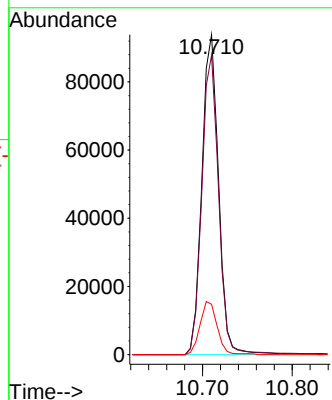
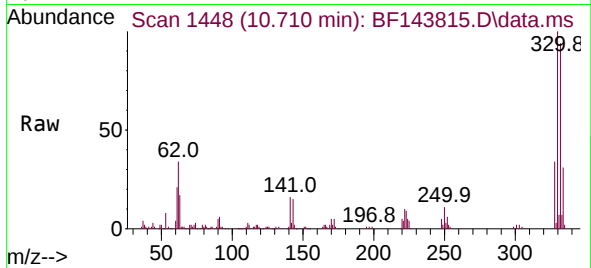




#42
2,4,6-Tribromophenol
Concen: 35.909 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF143815.D
Acq: 25 Sep 2025 20:51

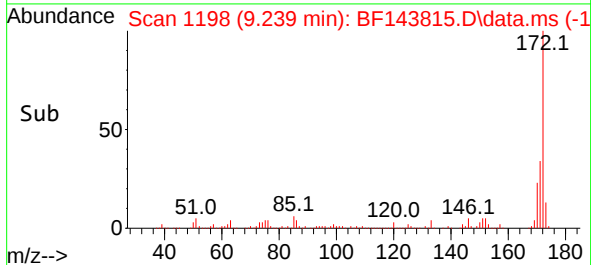
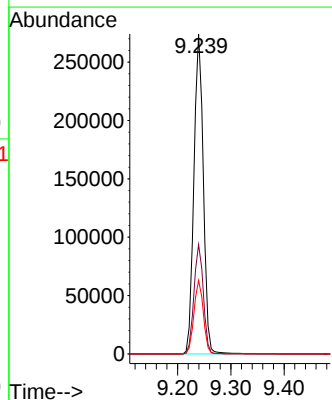
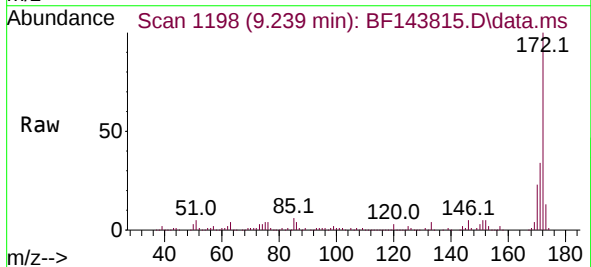
Instrument :
BNA_F
ClientSampleId :
EME-TS14-02

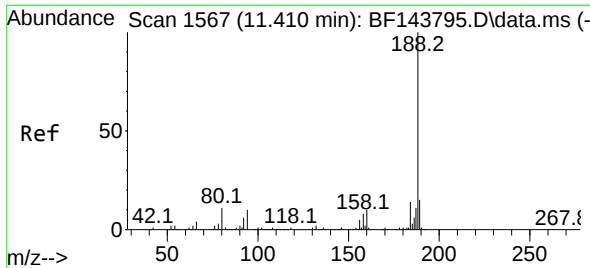
Tgt Ion	330	Resp	121210
Ion Ratio	Lower	Upper	
330	100		
332	94.7	74.7	112.1
141	17.0	14.3	21.5



#45
2-Fluorobiphenyl
Concen: 23.085 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF143815.D
Acq: 25 Sep 2025 20:51

Tgt Ion	172	Resp	337248
Ion Ratio	Lower	Upper	
172	100		
171	34.2	27.9	41.9
170	23.0	19.1	28.7

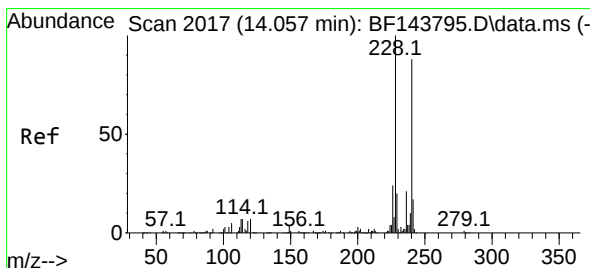
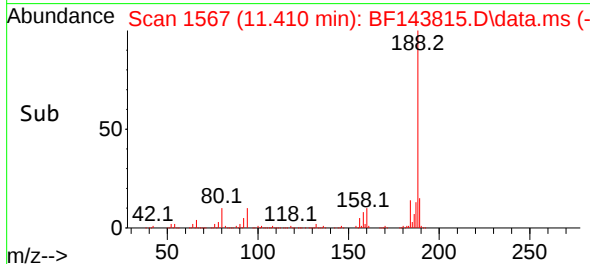
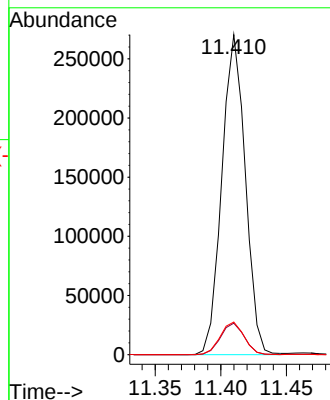
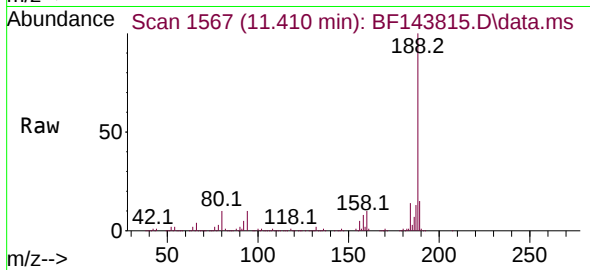




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143815.D
Acq: 25 Sep 2025 20:51

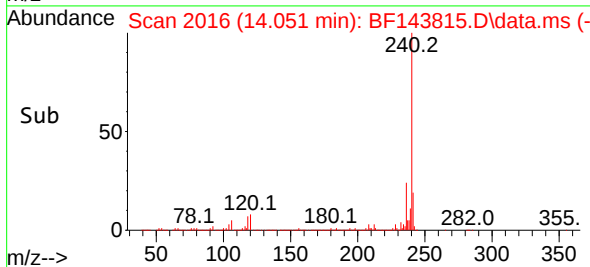
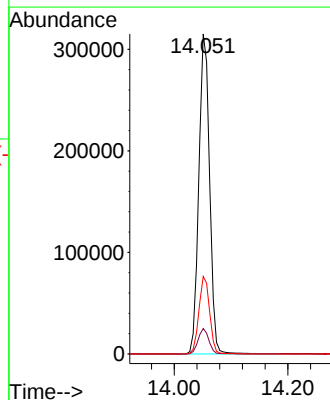
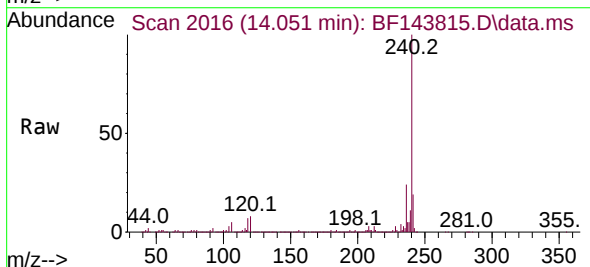
Instrument :
BNA_F
ClientSampleId :
EME-TS14-02

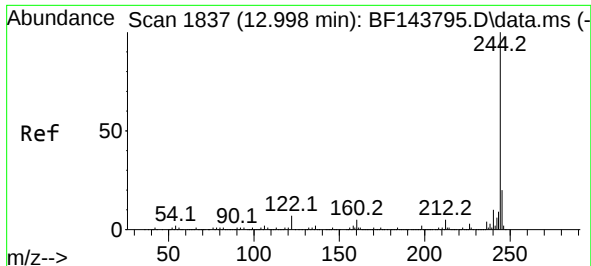
Tgt Ion:188 Resp: 336407
Ion Ratio Lower Upper
188 100
94 9.8 8.2 12.2
80 10.2 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF143815.D
Acq: 25 Sep 2025 20:51

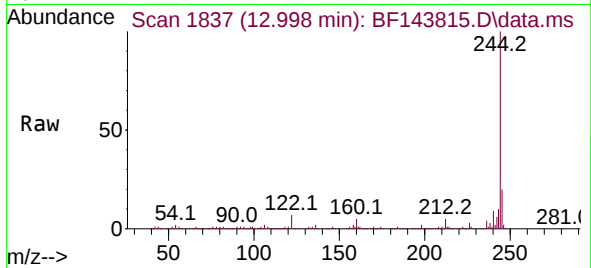
Tgt Ion:240 Resp: 411393
Ion Ratio Lower Upper
240 100
120 7.9 6.2 9.4
236 24.2 19.4 29.2



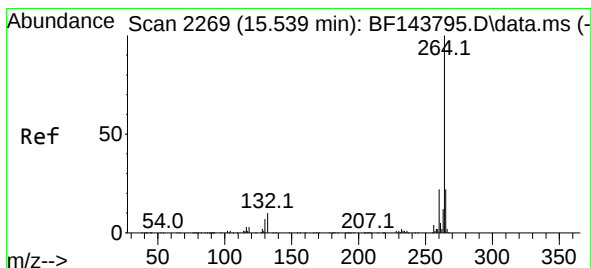
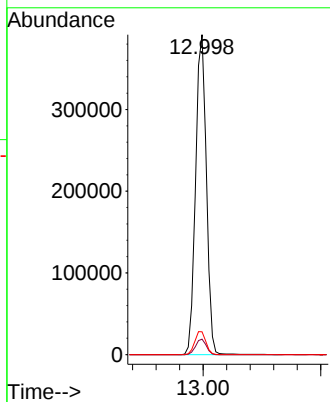
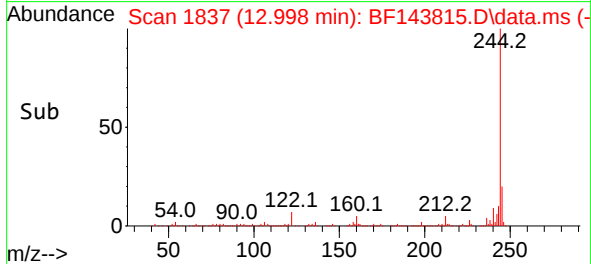


#79
 Terphenyl-d14
 Concen: 24.582 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF143815.D
 Acq: 25 Sep 2025 20:51

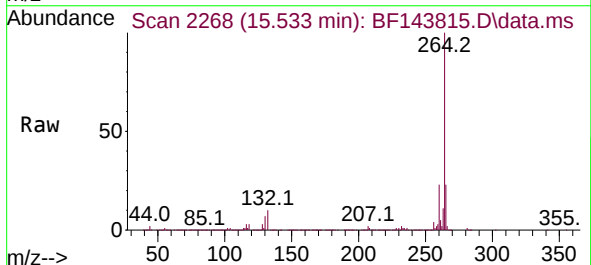
Instrument :
 BNA_F
 ClientSampleId :
 EME-TS14-02



Tgt Ion:244 Resp: 497260
 Ion Ratio Lower Upper
 244 100
 212 4.9 3.9 5.9
 122 7.1 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2268
 Delta R.T. -0.006 min
 Lab File: BF143815.D
 Acq: 25 Sep 2025 20:51



Tgt Ion:264 Resp: 527124
 Ion Ratio Lower Upper
 264 100
 260 23.2 17.9 26.9
 265 22.7 17.7 26.5

