

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

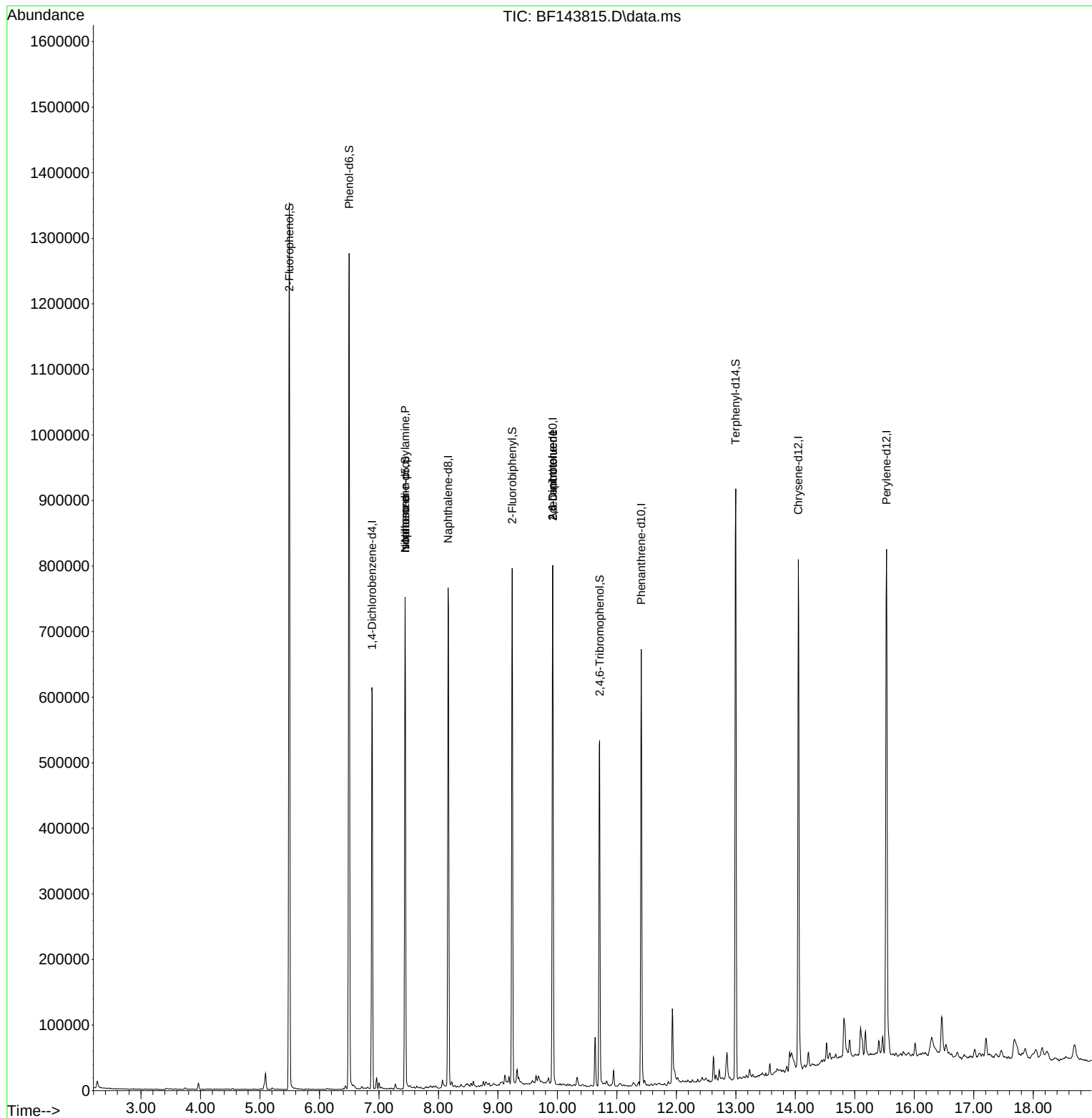
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	125804	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	460076	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	227974	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	336407	20.000	ng	0.00
76) Chrysene-d12	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						
19) n-Nitroso-di-n-propyla...	7.440	70	40700	7.074	ng	# 74
25) Isophorone	7.440	82	280352	19.141	ng	# 66
51) 2,6-Dinitrotoluene	9.922	165	29411	12.883	ng	# 17
57) 2,4-Dinitrotoluene	9.922	165	29411	11.071	ng	# 19

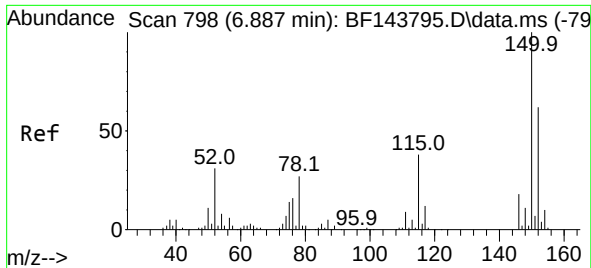
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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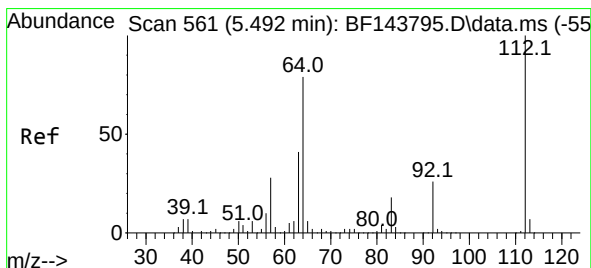
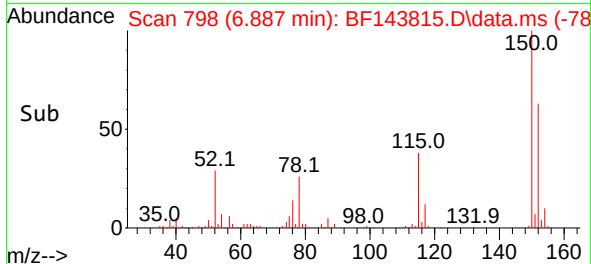
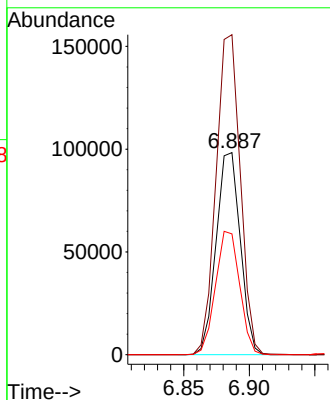
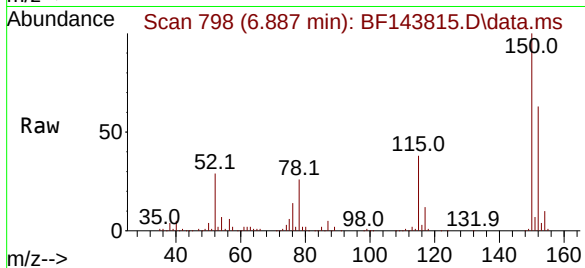




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: BF143815.D
 Acq: 25 Sep 2025 20:51

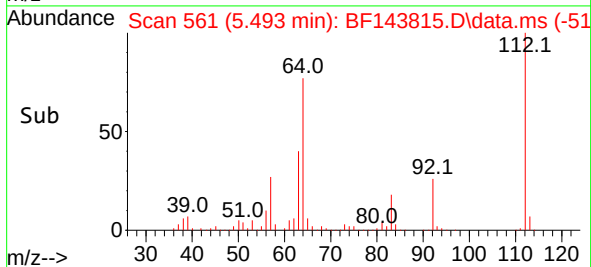
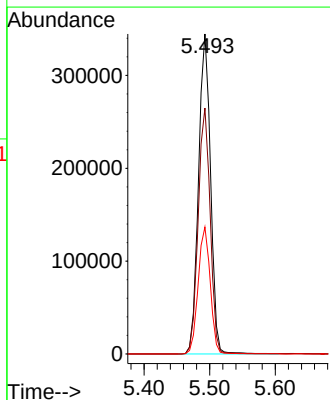
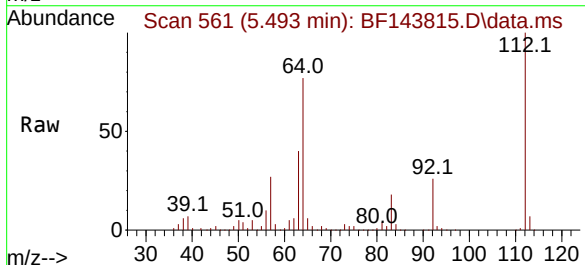
Instrument :
 BNA_F
 ClientSampleId :
 EME-TS14-02

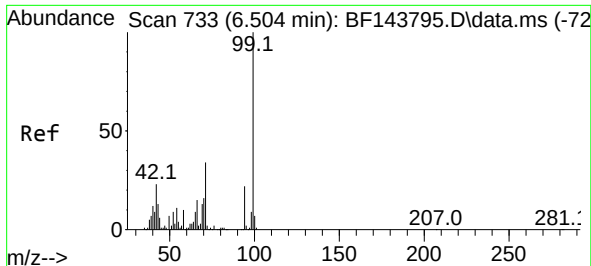
Tgt Ion:152 Resp: 125804
 Ion Ratio Lower Upper
 152 100
 150 158.3 129.6 194.4
 115 59.8 49.0 73.4



#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

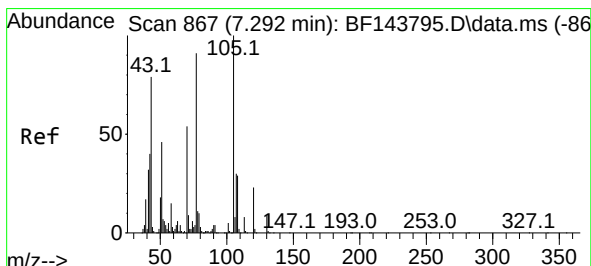
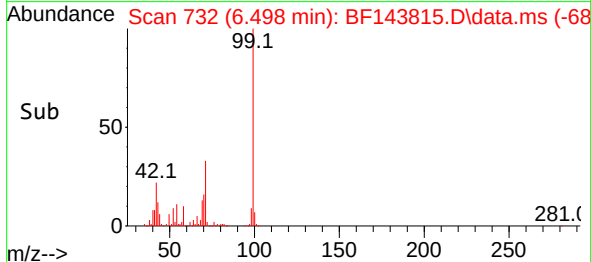
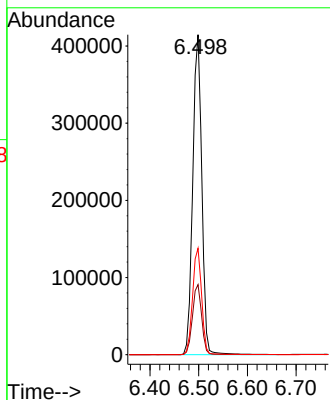
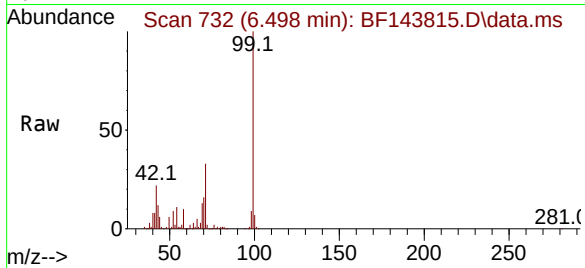




#7
Phenol-d6
Concen: 60.473 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF143815.D
Acq: 25 Sep 2025 20:51

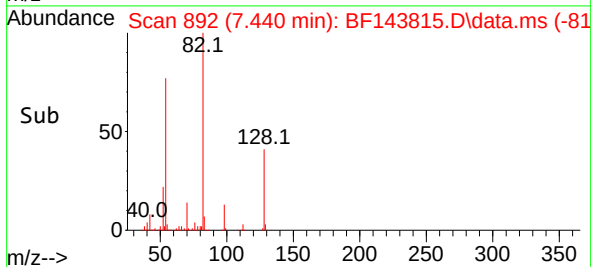
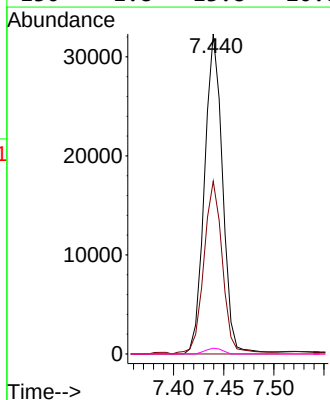
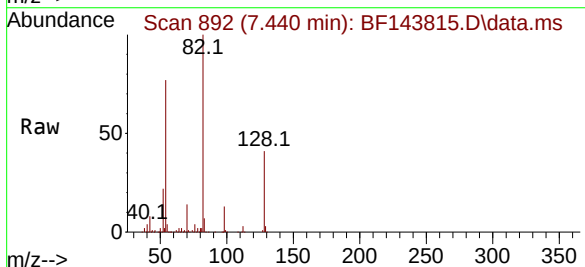
Instrument :
BNA_F
ClientSampleId :
EME-TS14-02

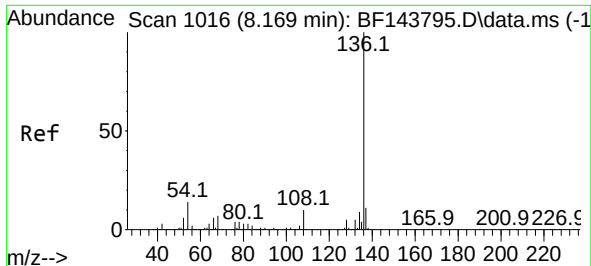
Tgt Ion: 99 Resp: 541042
Ion Ratio Lower Upper
99 100
42 21.9 18.6 28.0
71 33.3 27.0 40.4



#19
n-Nitroso-di-n-propylamine
Concen: 7.074 ng
RT: 7.440 min Scan# 892
Delta R.T. 0.135 min
Lab File: BF143815.D
Acq: 25 Sep 2025 20:51

Tgt Ion: 70 Resp: 40700
Ion Ratio Lower Upper
70 100
42 54.0 59.4 89.0#
101 0.0 7.1 10.7#
130 1.8 13.8 20.8#

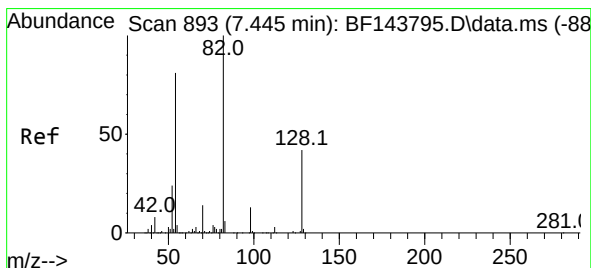
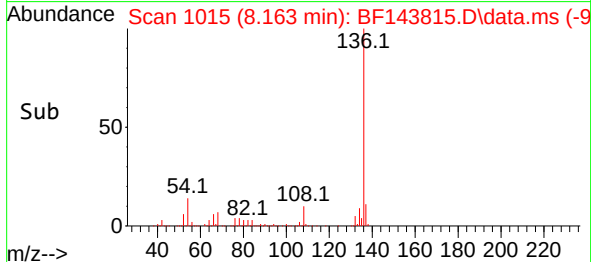
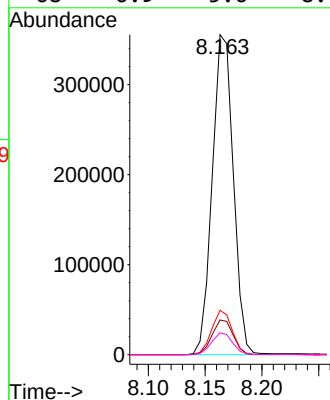
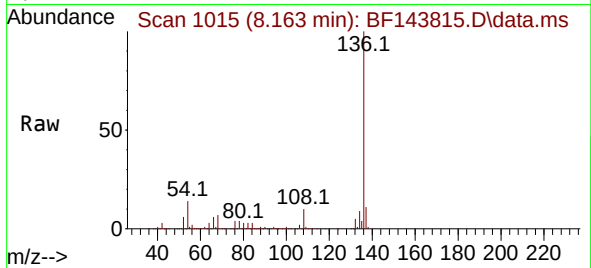




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143815.D
Acq: 25 Sep 2025 20:51

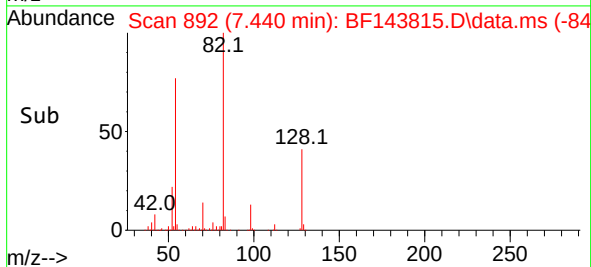
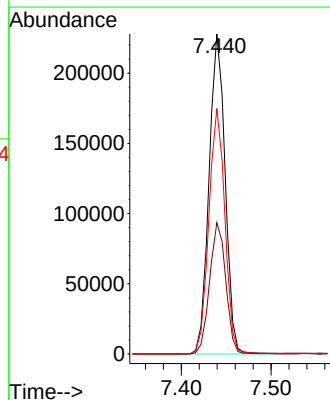
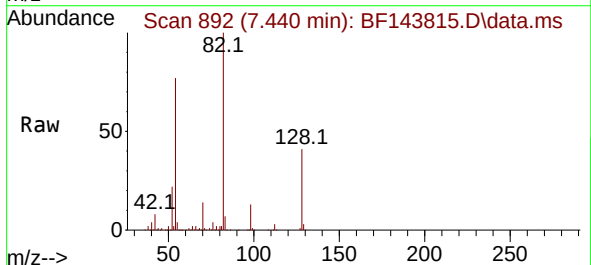
Instrument :
BNA_F
ClientSampleId :
EME-TS14-02

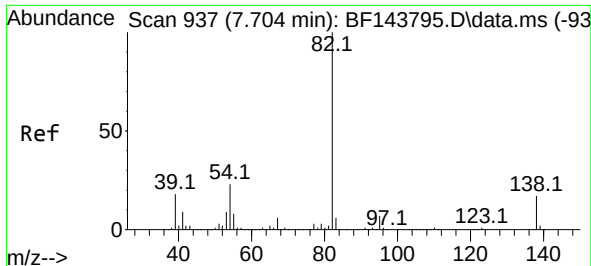
Tgt Ion:	136	Resp:	460076
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	13.8	11.2	16.8
68	6.9	5.6	8.4



#23
Nitrobenzene-d5
Concen: 37.724 ng
RT: 7.440 min Scan# 892
Delta R.T. -0.011 min
Lab File: BF143815.D
Acq: 25 Sep 2025 20:51

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

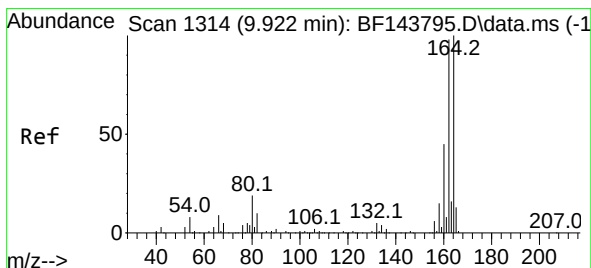
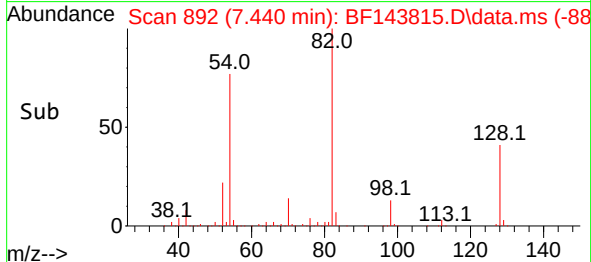
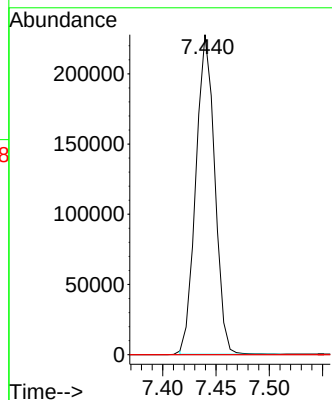
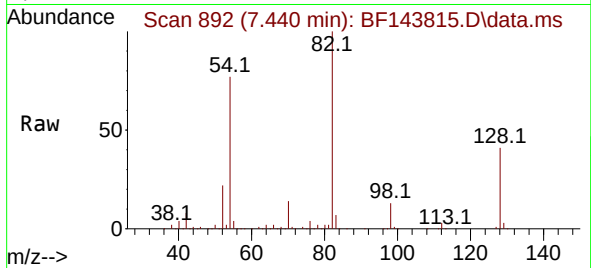




#25
Isophorone
Concen: 19.141 ng
RT: 7.440 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF143815.D
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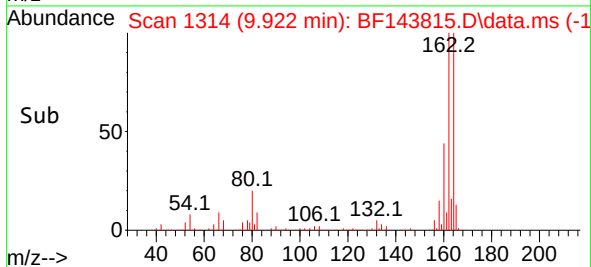
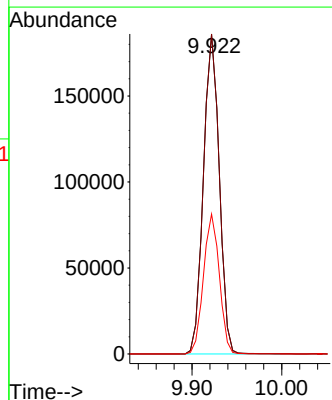
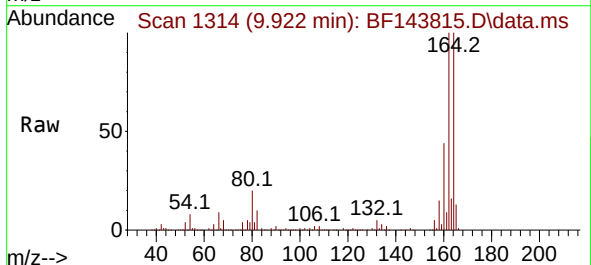
Instrument :
BNA_F
ClientSampleId :
EME-TS14-02

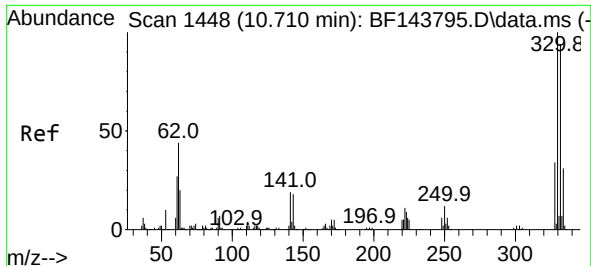
Tgt Ion: 82 Resp: 280352
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 13.7 20.5#



#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

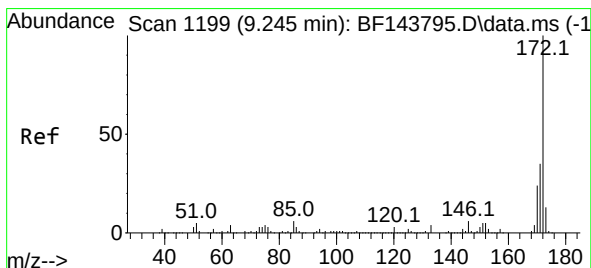
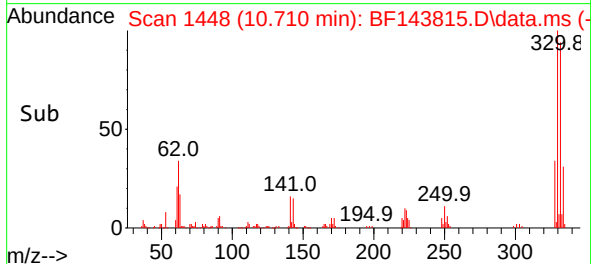
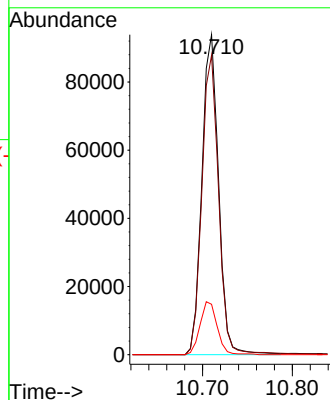
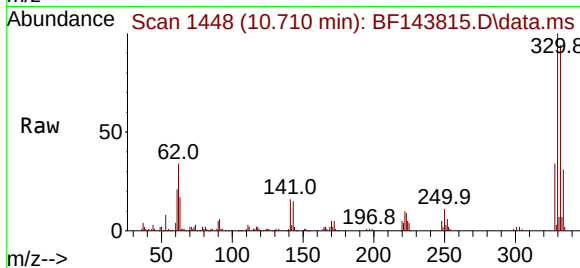
Tgt Ion:330 Resp: 121210

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

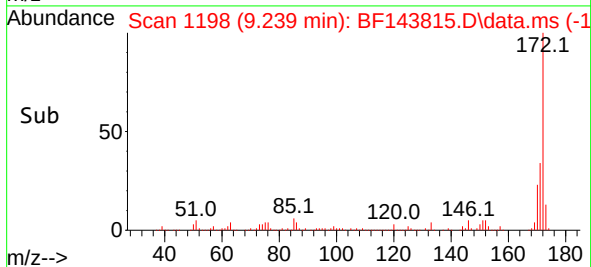
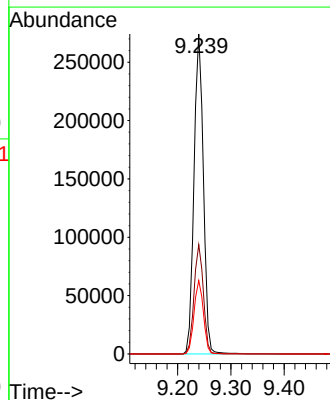
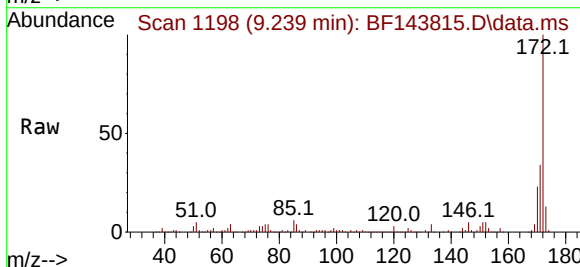
Tgt Ion:172 Resp: 337248

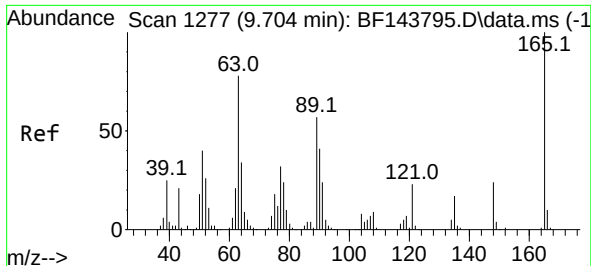
Ion Ratio Lower Upper

172 100

171 34.2 27.9 41.9

170 23.0 19.1 28.7

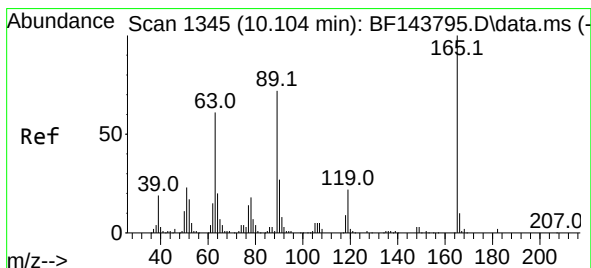
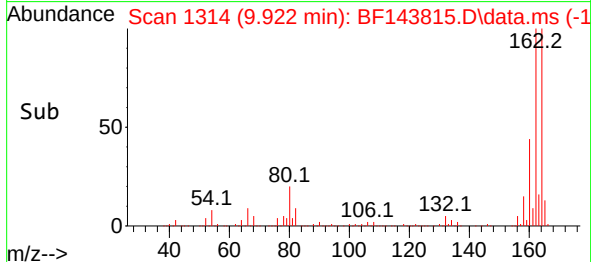
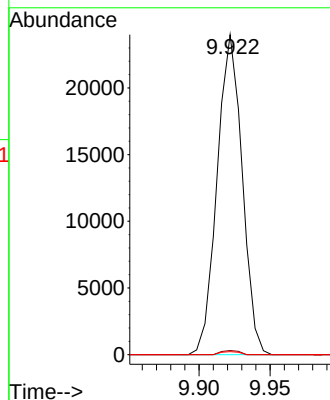
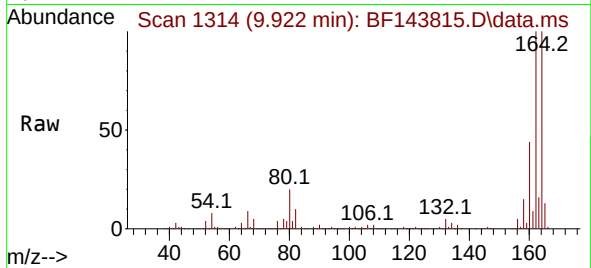




#51
2,6-Dinitrotoluene
Concen: 12.883 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF143815.D
Acq: 25 Sep 2025 20:51

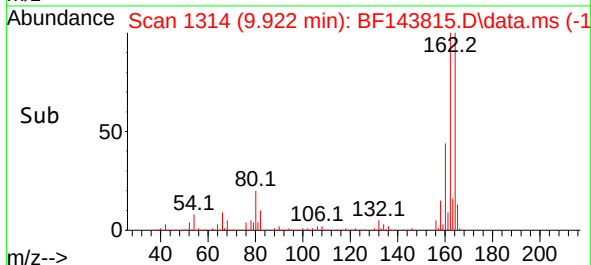
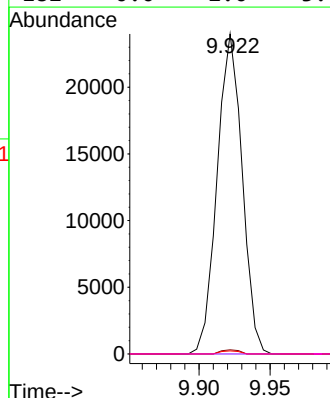
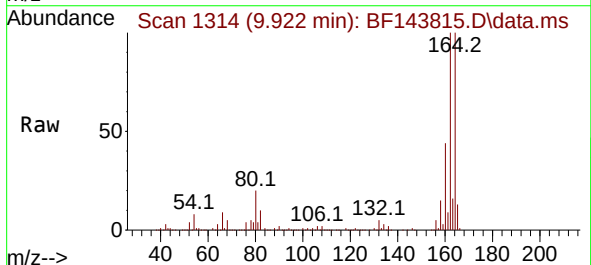
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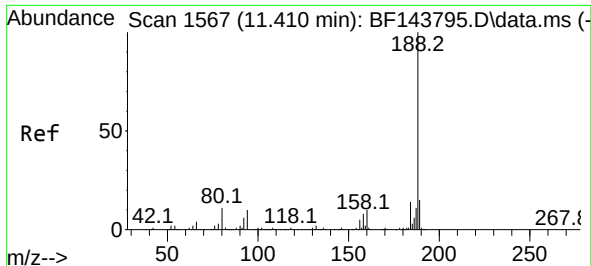
Tgt Ion:165 Resp: 29411
Ion Ratio Lower Upper
165 100
63 1.3 62.6 94.0#
89 0.9 45.2 67.8#



#57
2,4-Dinitrotoluene
Concen: 11.071 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.188 min
Lab File: BF143815.D
Acq: 25 Sep 2025 20:51

Tgt Ion:165 Resp: 29411
Ion Ratio Lower Upper
165 100
63 1.3 48.9 73.3#
89 0.9 57.5 86.3#
182 0.0 2.0 3.0#

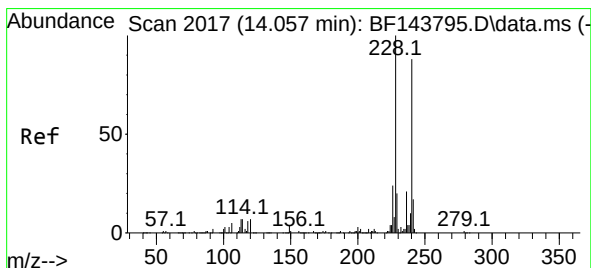
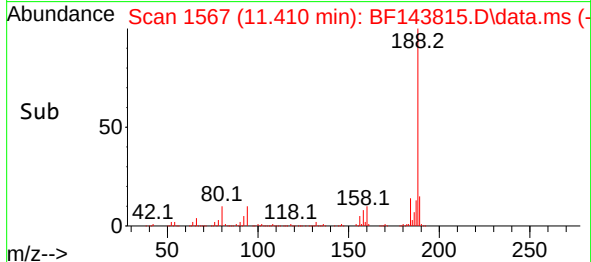
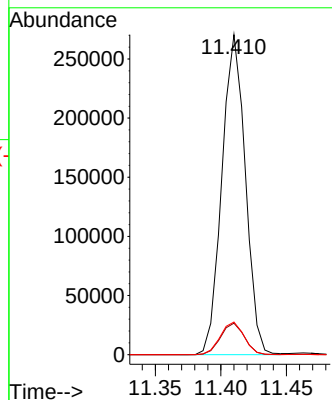
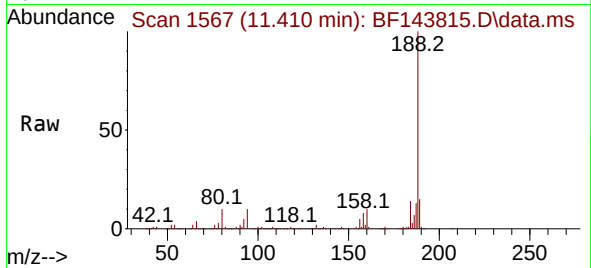




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143815.D
Acq: 25 Sep 2025 20:51

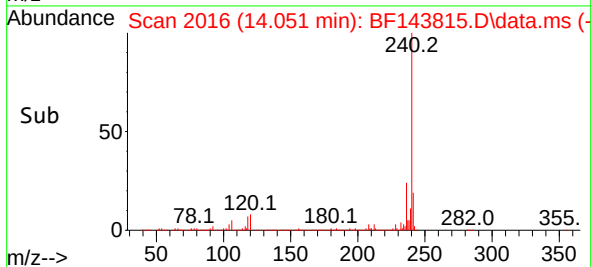
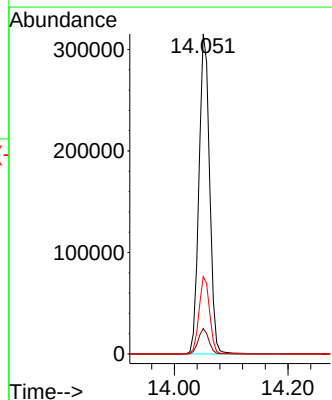
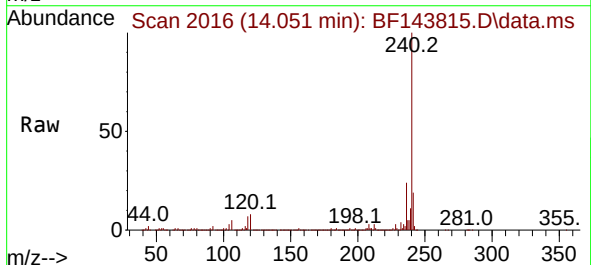
Instrument :
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EME-TS14-02

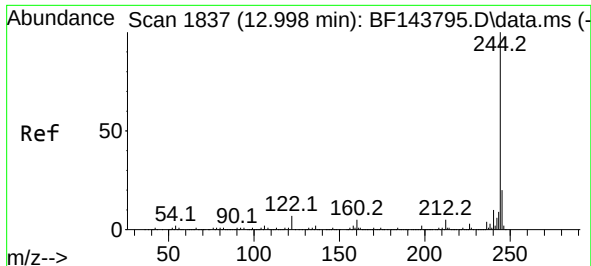
Tgt Ion:188 Resp: 336407
Ion Ratio Lower Upper
188 100
94 9.8 8.2 12.2
80 10.2 8.6 12.8



#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

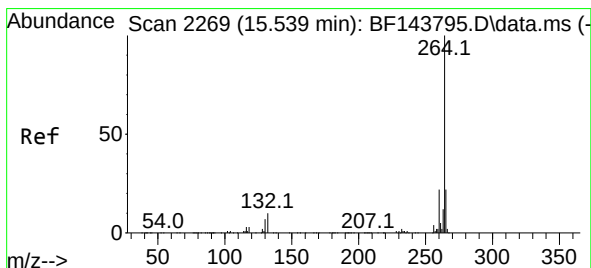
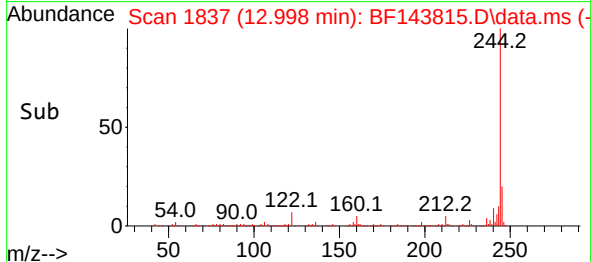
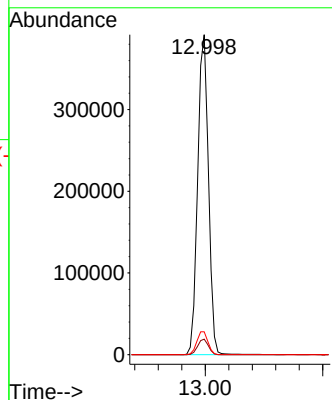
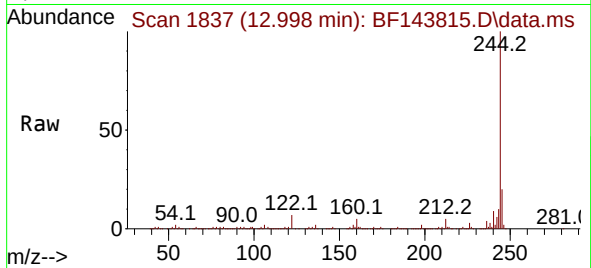




#79
 Terphenyl-d14
 Concen: 24.582 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF143815.D
 Acq: 25 Sep 2025 20:51

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

