

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
 Data File : BF144016.D
 Acq On : 21 Oct 2025 17:02
 Operator : RC/JU
 Sample : Q3375-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 21 17:21:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

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

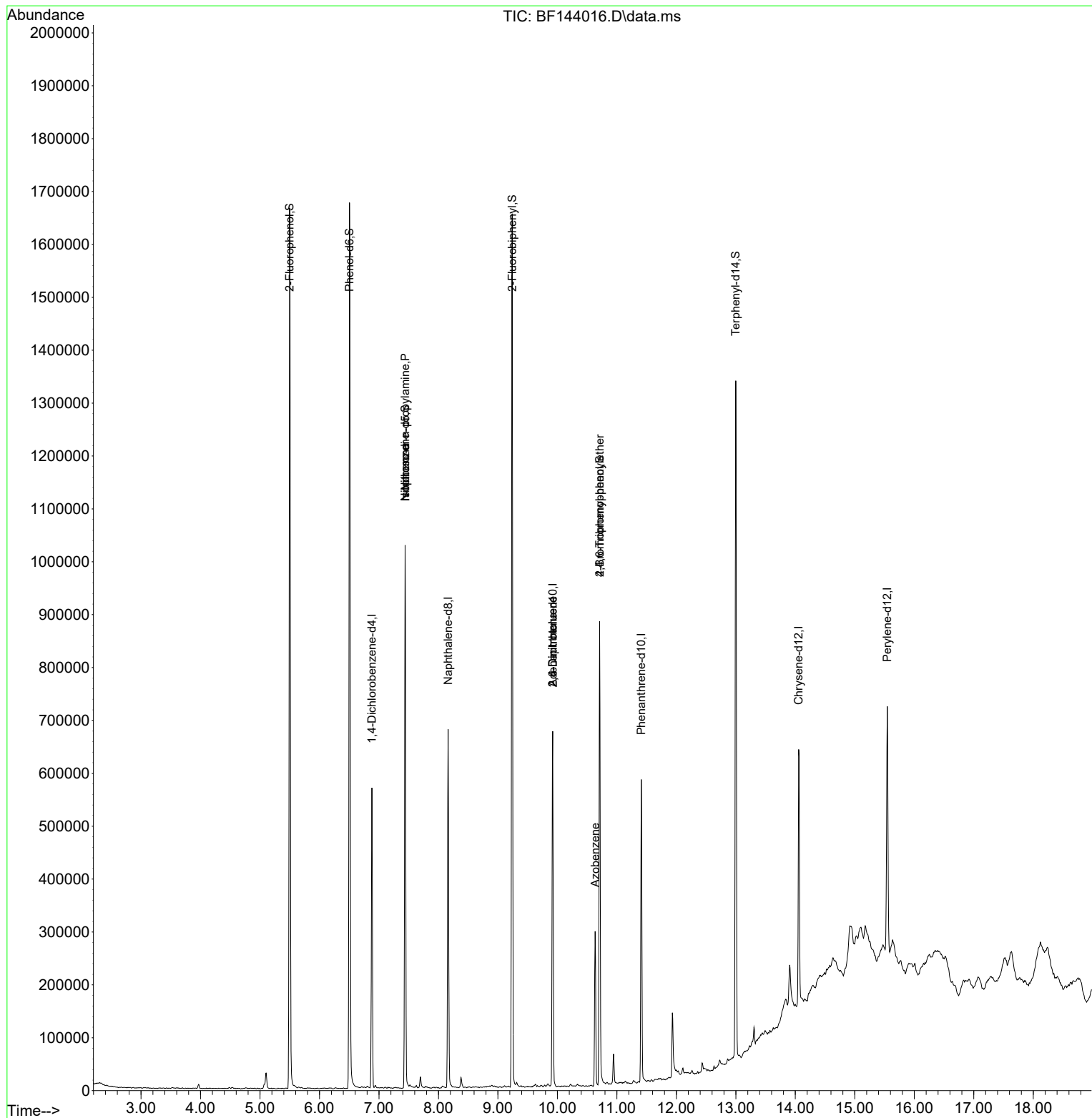
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	116615	20.00	ng	0.00
21) Naphthalene-d8	8.163	136	420206	20.00	ng	0.00
39) Acenaphthene-d10	9.922	164	202155	20.00	ng	0.00
64) Phenanthrene-d10	11.410	188	308753	20.00	ng	0.00
76) Chrysene-d12	14.057	240	254161	20.00	ng	-0.01
86) Perylene-d12	15.545	264	318784	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	644522	87.77	ng	0.00
7) Phenol-d6	6.504	99	751068	85.80	ng	-0.01
23) Nitrobenzene-d5	7.440	82	423850	61.28	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	160958	79.94	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	780028	61.23	ng	-0.01
79) Terphenyl-d14	12.998	244	655600	44.09	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.440	70	61823	10.32	ng	Qvalue # 79
25) Isophorone	7.440	82	368773	25.29	ng	# 68
51) 2,6-Dinitrotoluene	9.922	165	23836	10.01	ng	# 26
57) 2,4-Dinitrotoluene	9.922	165	23836	7.36	ng	# 27
63) Azobenzene	10.634	77	73045	5.86	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	10201	2.99	ng	# 1

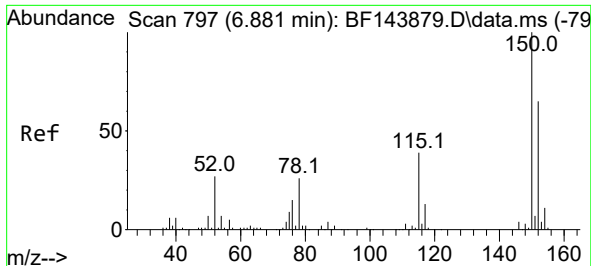
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144016.D
Acq On : 21 Oct 2025 17:02
Operator : RC/JU
Sample : Q3375-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

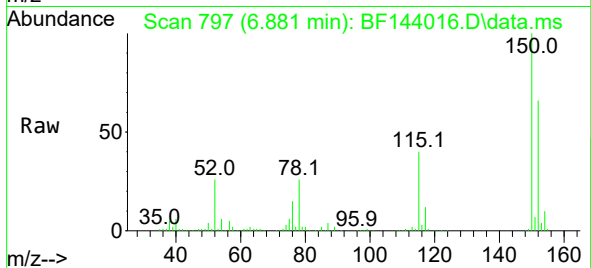
Quant Time: Oct 21 17:21:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration



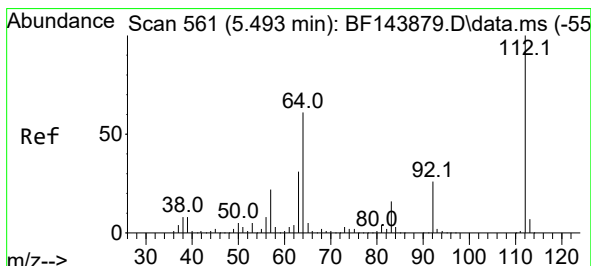
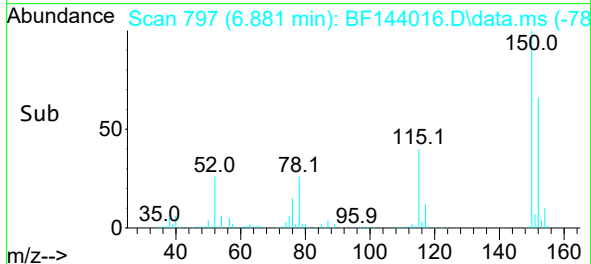
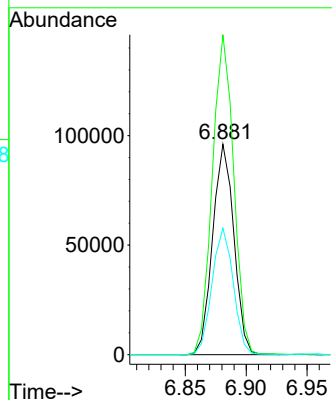


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF144016.D
Acq: 21 Oct 2025 17:02

Instrument :
BNA_F
ClientSampleId :

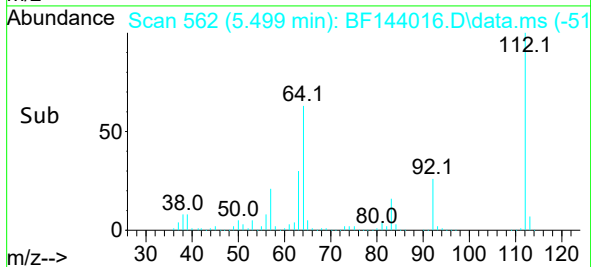
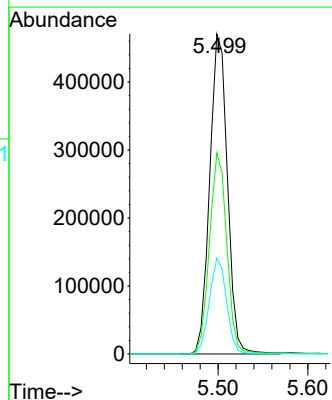
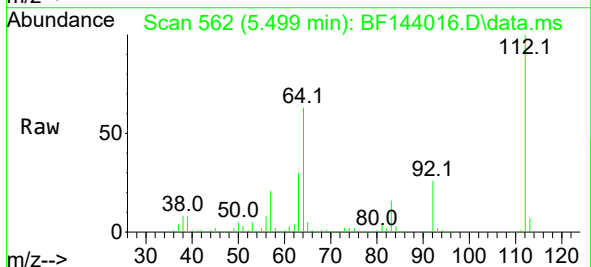


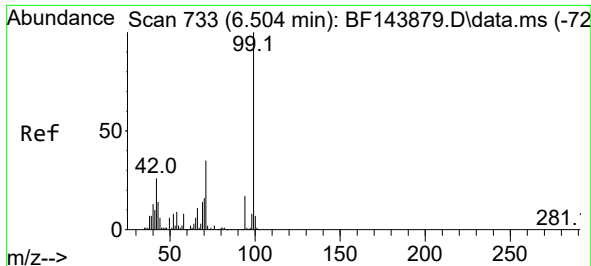
Tgt Ion:152 Resp: 116615
Ion Ratio Lower Upper
152 100
150 152.1 124.4 186.6
115 60.1 48.1 72.1



#5
2-Fluorophenol
Concen: 87.77 ng
RT: 5.499 min Scan# 562
Delta R.T. 0.000 min
Lab File: BF144016.D
Acq: 21 Oct 2025 17:02

Tgt Ion:112 Resp: 644522
Ion Ratio Lower Upper
112 100
64 62.9 49.1 73.7
63 29.9 24.5 36.7

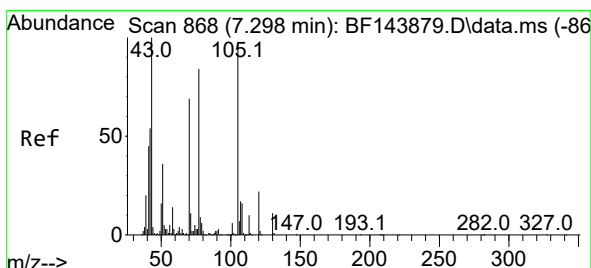
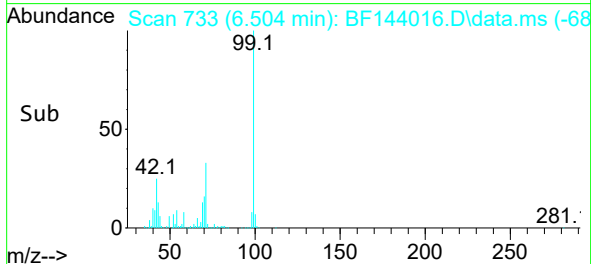
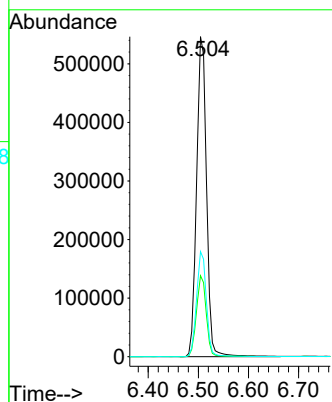
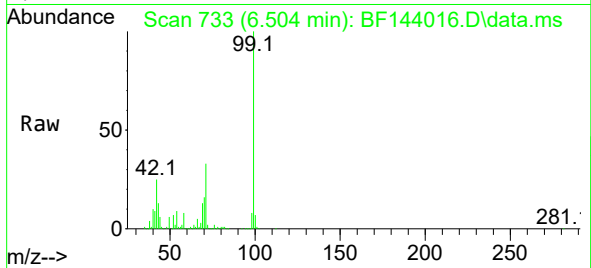




#7
Phenol-d6
Concen: 85.80 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF144016.D
Acq: 21 Oct 2025 17:02

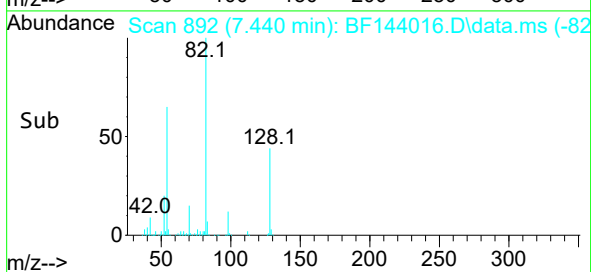
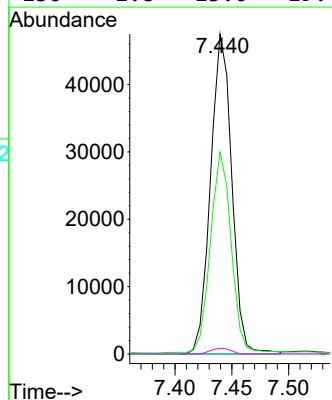
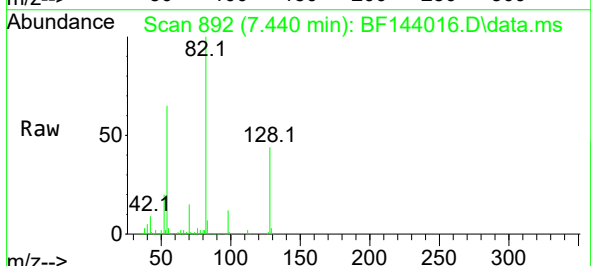
Instrument :
BNA_F
ClientSampleId :

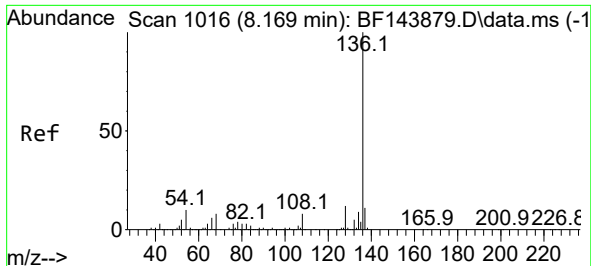
Tgt Ion: 99 Resp: 751068
Ion Ratio Lower Upper
99 100
42 25.3 21.0 31.4
71 32.8 27.8 41.8



#19
n-Nitroso-di-n-propylamine
Concen: 10.32 ng
RT: 7.440 min Scan# 892
Delta R.T. 0.124 min
Lab File: BF144016.D
Acq: 21 Oct 2025 17:02

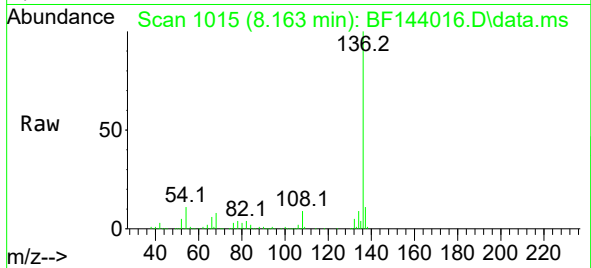
Tgt Ion: 70 Resp: 61823
Ion Ratio Lower Upper
70 100
42 63.1 62.8 94.2
101 0.0 6.7 10.1#
130 1.8 13.0 19.4#



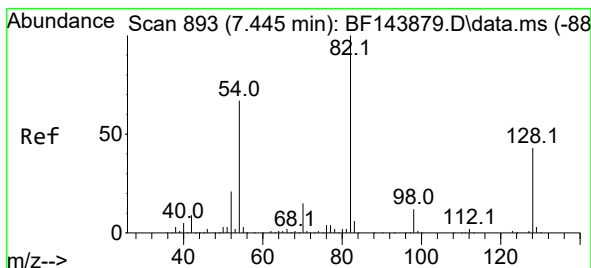
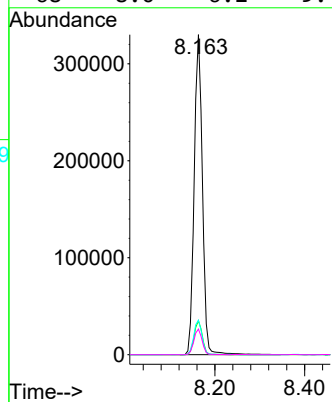
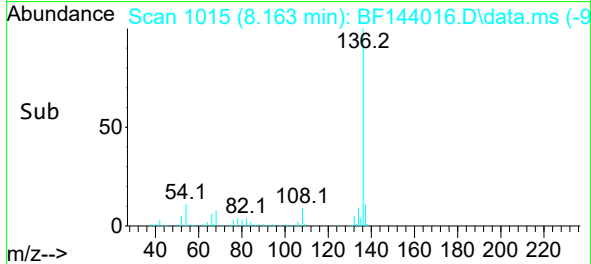


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF144016.D
Acq: 21 Oct 2025 17:02

Instrument :
BNA_F
ClientSampleId :

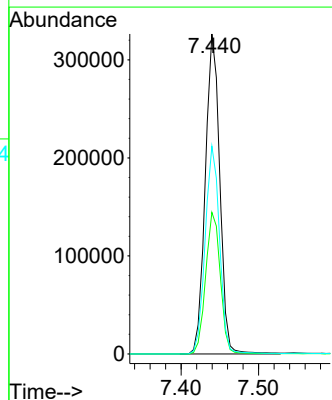
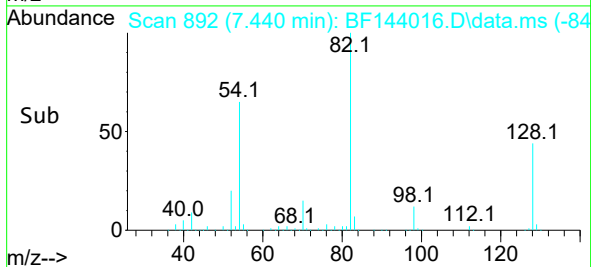
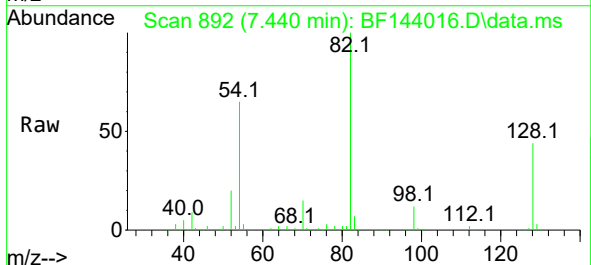


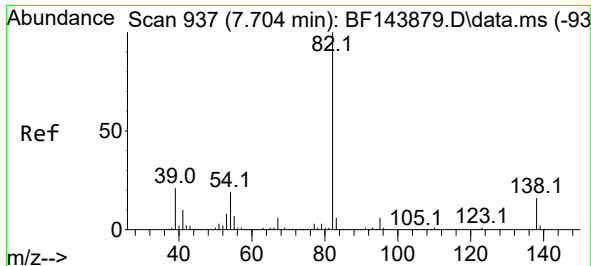
Tgt Ion:136 Resp: 420206
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 10.8 8.2 12.4
68 8.0 6.2 9.4



#23
Nitrobenzene-d5
Concen: 61.28 ng
RT: 7.440 min Scan# 892
Delta R.T. -0.017 min
Lab File: BF144016.D
Acq: 21 Oct 2025 17:02

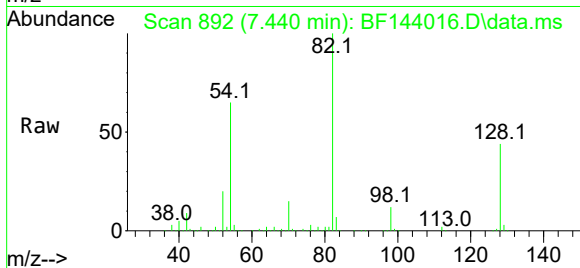
Tgt Ion: 82 Resp: 423850
Ion Ratio Lower Upper
82 100
128 44.2 34.0 51.0
54 65.0 53.2 79.8



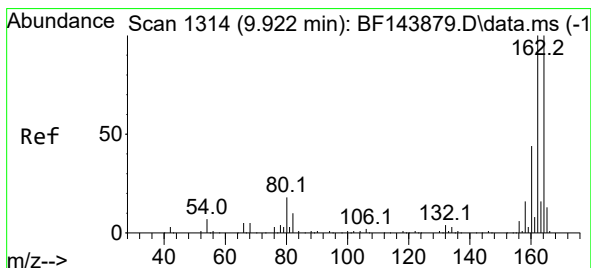
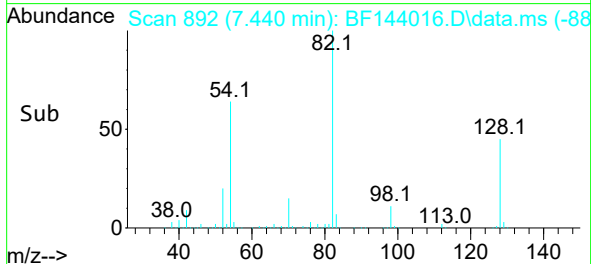
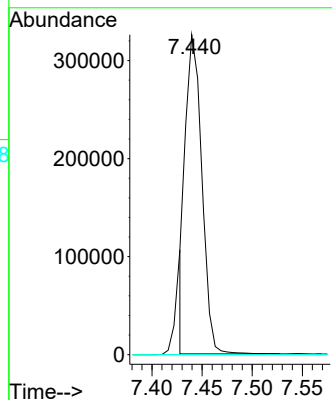


#25
Isophorone
Concen: 25.29 ng
RT: 7.440 min Scan# 89
Delta R.T. -0.282 min
Lab File: BF144016.D
Acq: 21 Oct 2025 17:02

Instrument :
BNA_F
ClientSampleId :

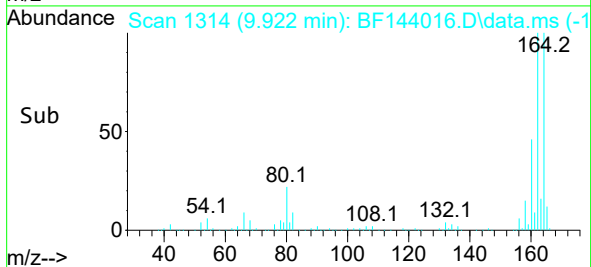
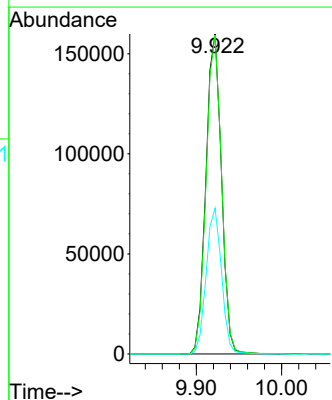
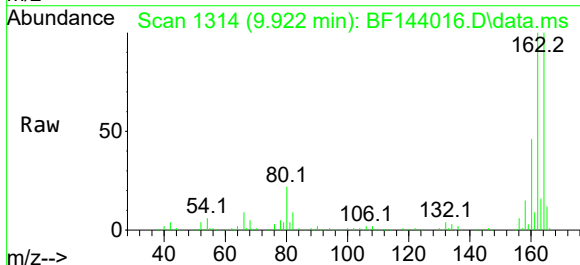


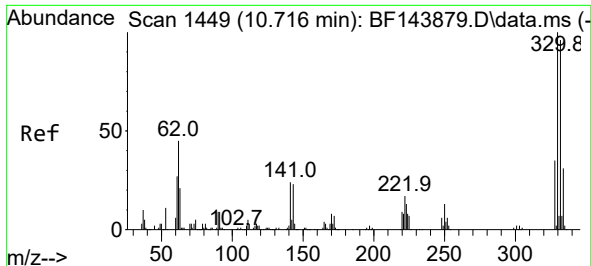
Tgt Ion: 82 Resp: 368773
Ion Ratio Lower Upper
82 100
95 0.0 5.1 7.7#
138 0.0 12.9 19.3#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BF144016.D
Acq: 21 Oct 2025 17:02

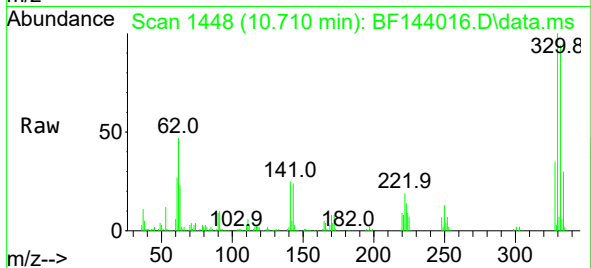
Tgt Ion: 164 Resp: 202155
Ion Ratio Lower Upper
164 100
162 99.7 80.2 120.2
160 45.5 35.4 53.0



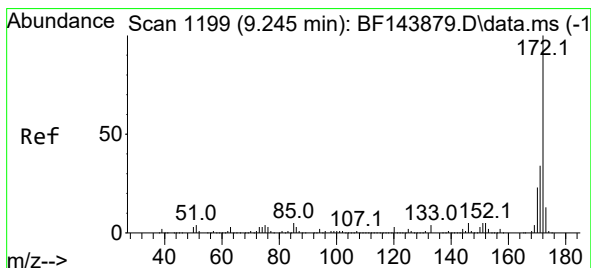
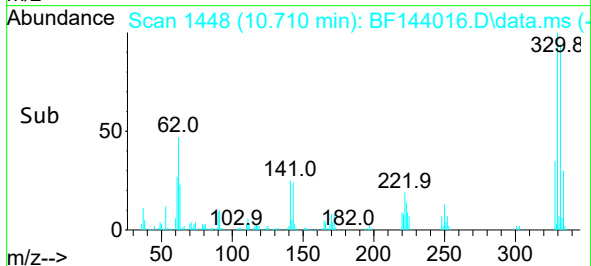
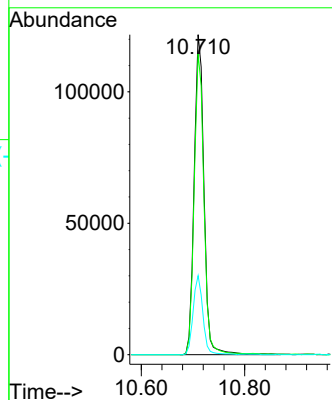


#42
2,4,6-Tribromophenol
Concen: 79.94 ng
RT: 10.710 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF144016.D
Acq: 21 Oct 2025 17:02

Instrument :
BNA_F
ClientSampleId :

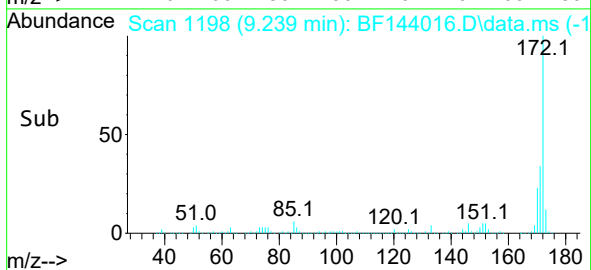
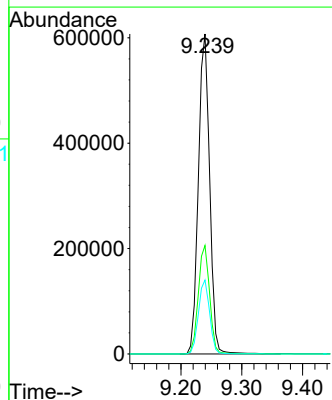
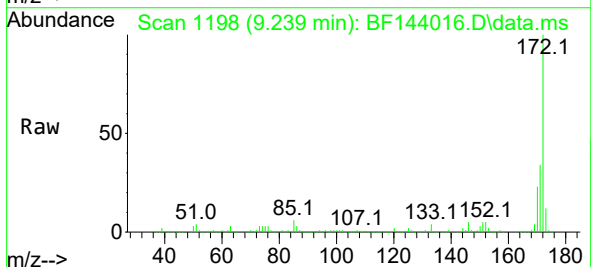


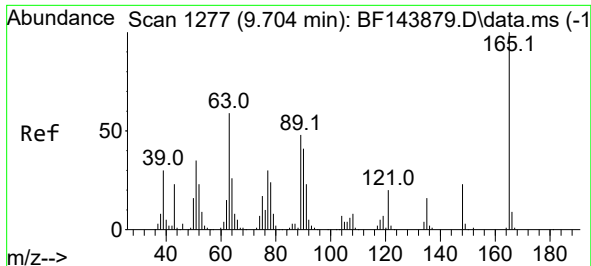
Tgt Ion:330 Resp: 160958
Ion Ratio Lower Upper
330 100
332 93.0 76.9 115.3
141 24.4 20.2 30.4



#45
2-Fluorobiphenyl
Concen: 61.23 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.011 min
Lab File: BF144016.D
Acq: 21 Oct 2025 17:02

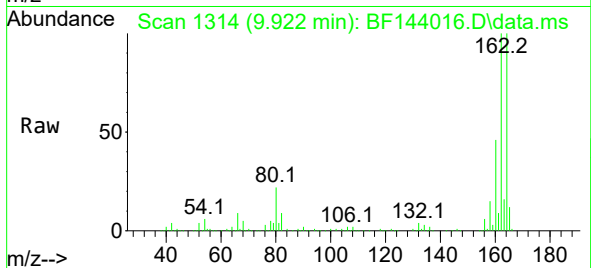
Tgt Ion:172 Resp: 780028
Ion Ratio Lower Upper
172 100
171 33.9 27.4 41.0
170 23.1 18.6 28.0



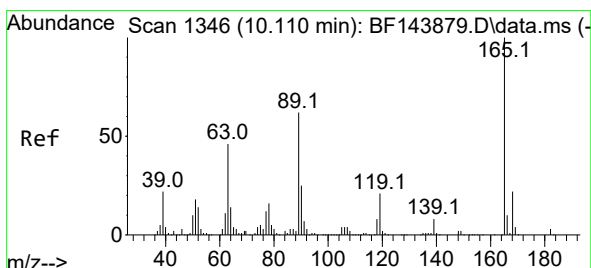
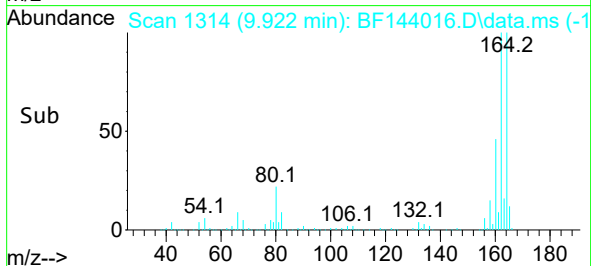
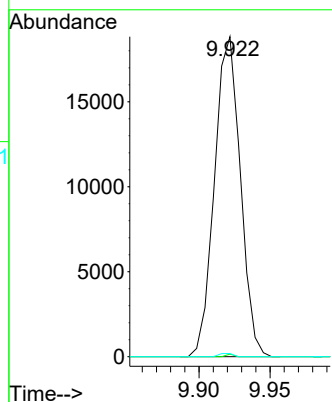


#51
2,6-Dinitrotoluene
Concen: 10.01 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF144016.D
Acq: 21 Oct 2025 17:02

Instrument :
BNA_F
ClientSampleId :

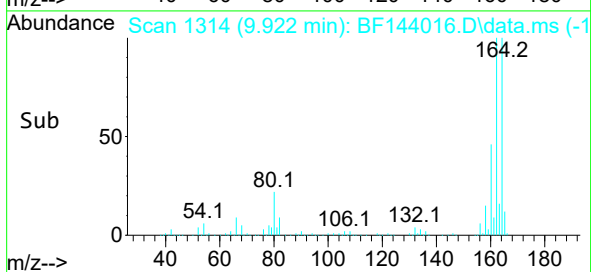
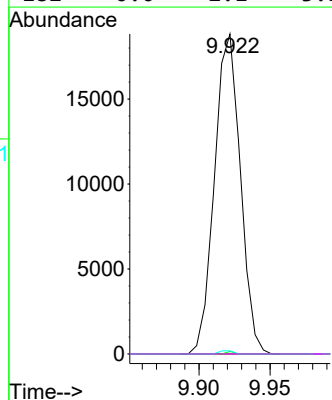
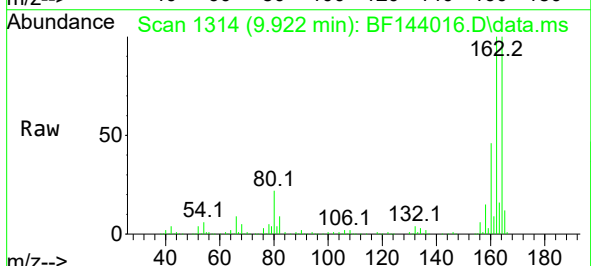


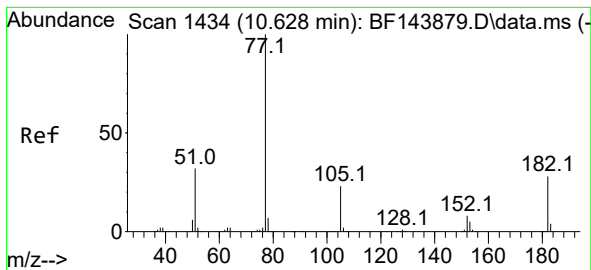
Tgt Ion:165 Resp: 23836
Ion Ratio Lower Upper
165 100
63 0.8 47.3 70.9#
89 1.0 38.2 57.4#



#57
2,4-Dinitrotoluene
Concen: 7.36 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.194 min
Lab File: BF144016.D
Acq: 21 Oct 2025 17:02

Tgt Ion:165 Resp: 23836
Ion Ratio Lower Upper
165 100
63 0.8 37.2 55.8#
89 1.0 49.4 74.2#
182 0.0 2.1 3.1#





#63

Azobenzene

Concen: 5.86 ng

RT: 10.634 min Scan# 1435

Delta R.T. 0.000 min

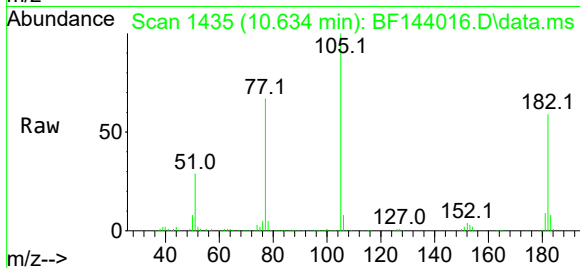
Lab File: BF144016.D

Acq: 21 Oct 2025 17:02

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 77 Resp: 73045

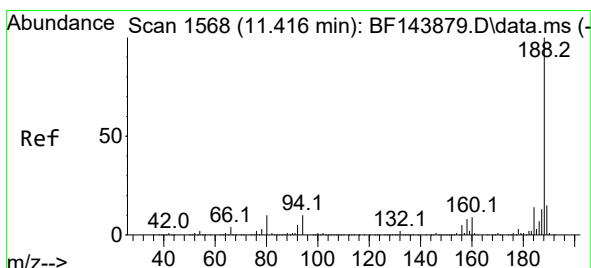
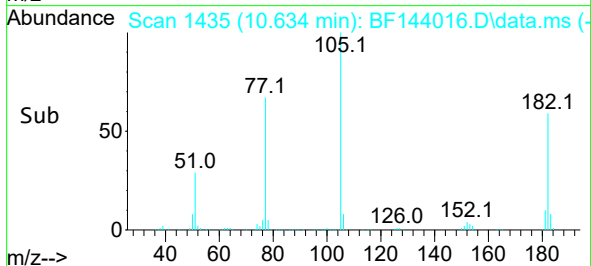
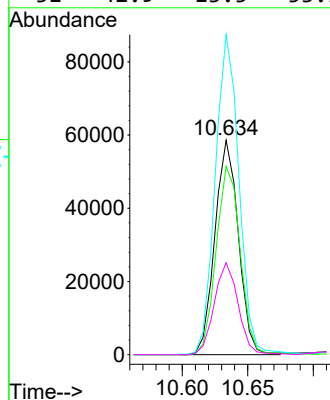
Ion Ratio Lower Upper

77 100

182 87.9 7.3 47.3#

105 149.2 3.0 43.0#

51 42.9 13.5 53.5



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.410 min Scan# 1567

Delta R.T. -0.006 min

Lab File: BF144016.D

Acq: 21 Oct 2025 17:02

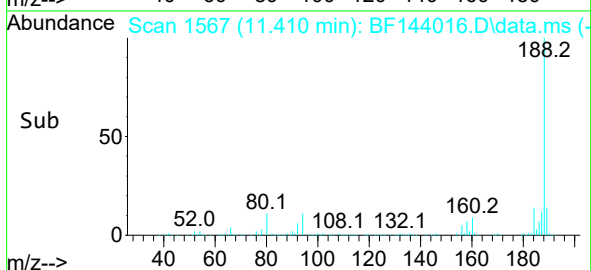
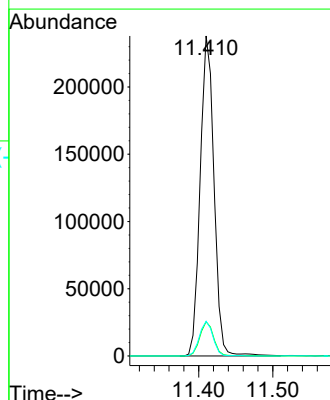
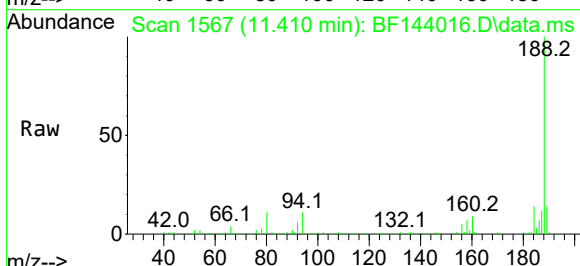
Tgt Ion:188 Resp: 308753

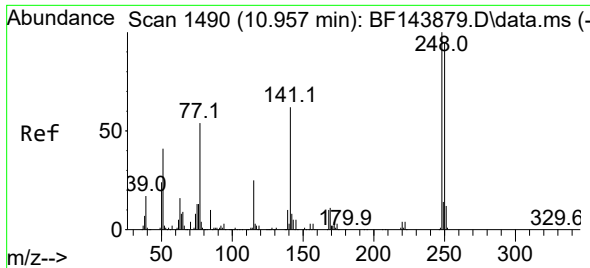
Ion Ratio Lower Upper

188 100

94 10.7 7.8 11.6

80 10.9 7.9 11.9

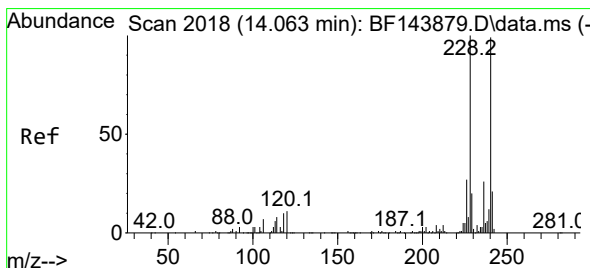
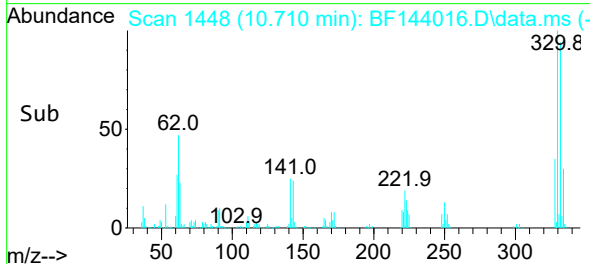
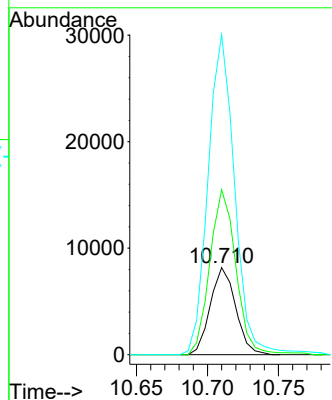
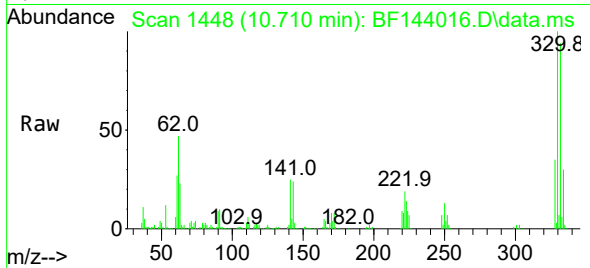




#67
4-Bromophenyl-phenylether
Concen: 2.99 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF144016.D
Acq: 21 Oct 2025 17:02

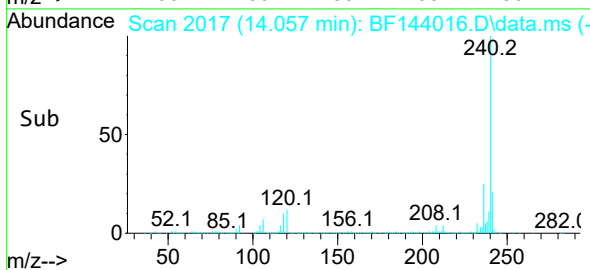
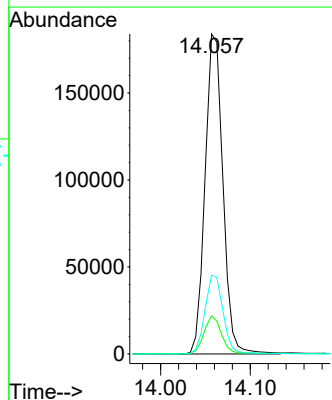
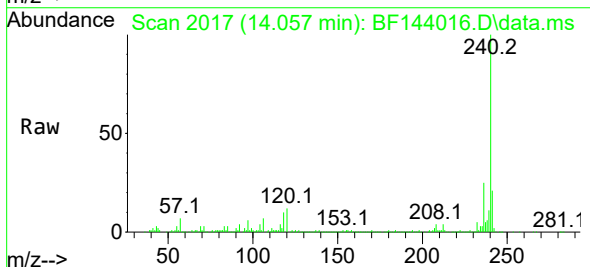
Instrument :
BNA_F
ClientSampleId :

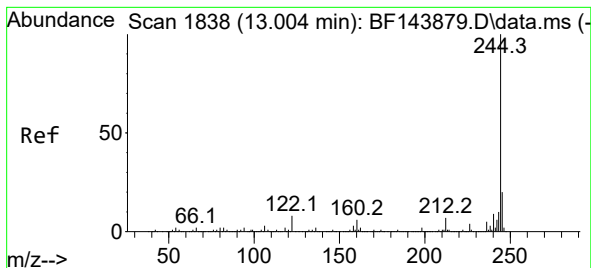
Tgt Ion:248 Resp: 10201
Ion Ratio Lower Upper
248 100
250 189.5 76.3 114.5#
141 367.7 49.7 74.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.011 min
Lab File: BF144016.D
Acq: 21 Oct 2025 17:02

Tgt Ion:240 Resp: 254161
Ion Ratio Lower Upper
240 100
120 11.9 8.6 13.0
236 24.7 21.1 31.7





#79

Terphenyl-d14

Concen: 44.09 ng

RT: 12.998 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144016.D

Acq: 21 Oct 2025 17:02

Instrument :

BNA_F

ClientSampleId :

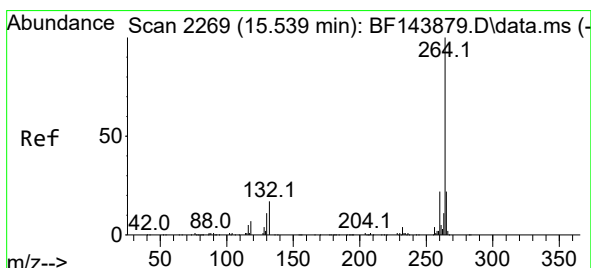
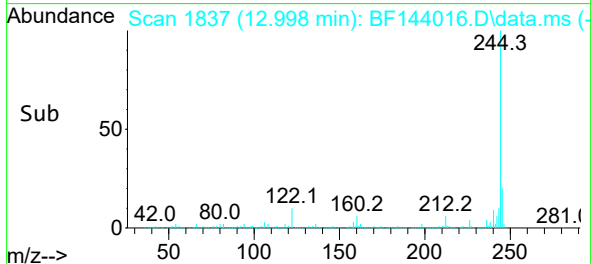
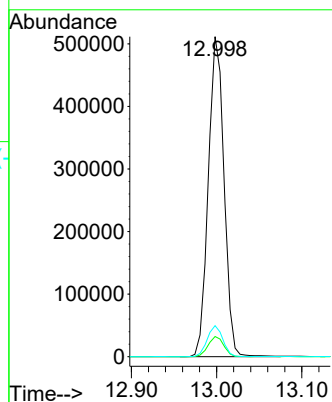
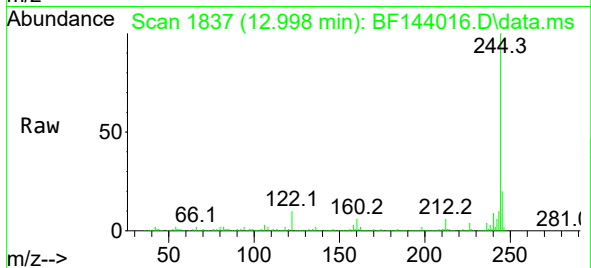
Tgt Ion:244 Resp: 655600

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

122 9.7 6.4 9.6#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.545 min Scan# 2270

Delta R.T. 0.000 min

Lab File: BF144016.D

Acq: 21 Oct 2025 17:02

Tgt Ion:264 Resp: 318784

Ion Ratio Lower Upper

264 100

260 20.7 17.8 26.8

265 20.8 17.5 26.3

