

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112525\
 Data File : BF144349.D
 Acq On : 25 Nov 2025 14:24
 Operator : RC/JU
 Sample : PB170730BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170730BL

Quant Time: Nov 25 17:03:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

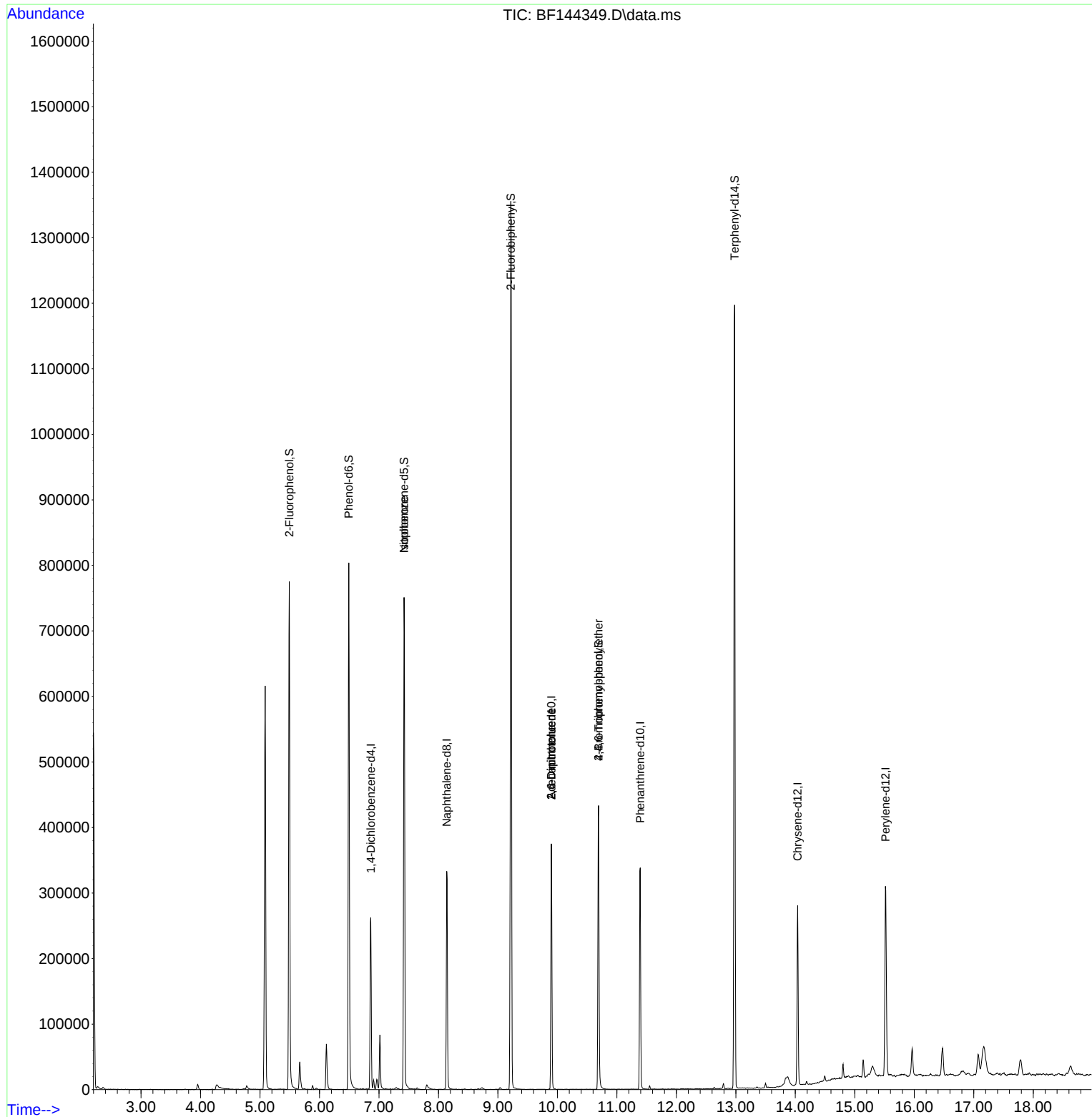
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	59267	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	226673	20.000	ng	-0.02
39) Acenaphthene-d10	9.898	164	116116	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	206153	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	140232	20.000	ng	-0.01
86) Perylene-d12	15.515	264	175265	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	312345	82.471	ng	0.00
7) Phenol-d6	6.492	99	366629	85.434	ng	0.00
23) Nitrobenzene-d5	7.422	82	335356	85.447	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	95503	65.542	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	670792	85.321	ng	-0.01
79) Terphenyl-d14	12.980	244	693654	78.570	ng	-0.01
Target Compounds						
25) Isophorone	7.422	82	335352	45.173	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	14438	9.272	ng	# 28
57) 2,4-Dinitrotoluene	9.898	165	14438	6.926	ng	# 28
67) 4-Bromophenyl-phenylether	10.692	248	5534	2.103	ng	# 1

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

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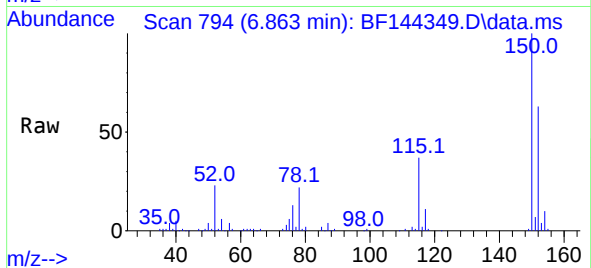
Quant Time: Nov 25 17:03:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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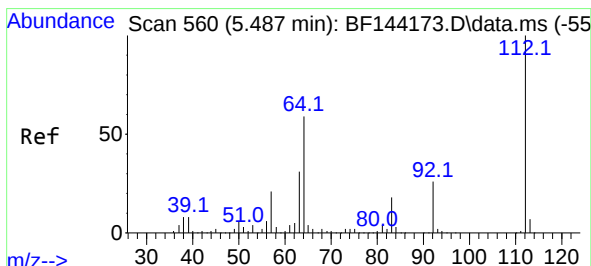
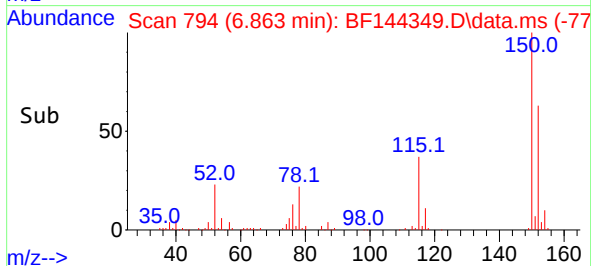
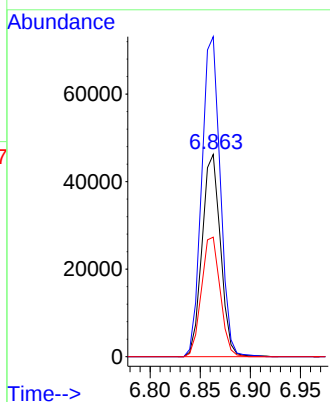


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 794
Delta R.T. -0.012 min
Lab File: BF144349.D
Acq: 25 Nov 2025 14:24

Instrument :
BNA_F
ClientSampleId :
PB170730BL

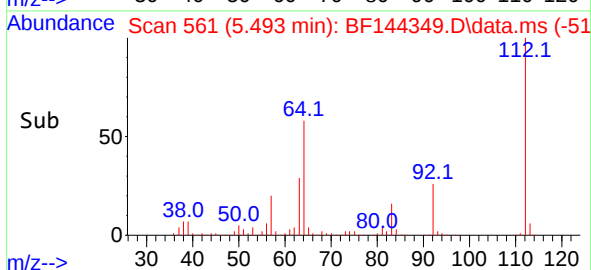
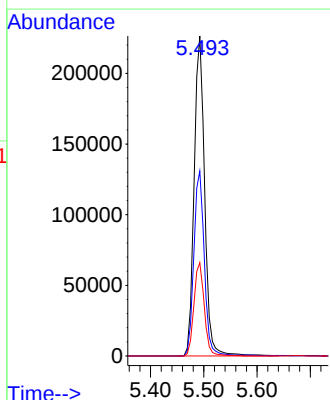
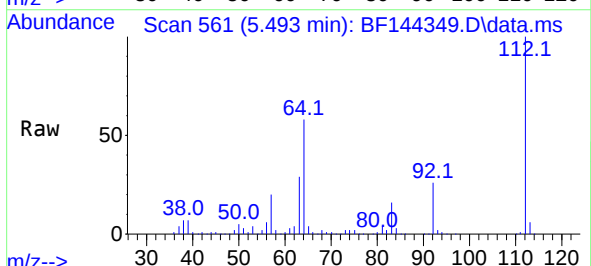


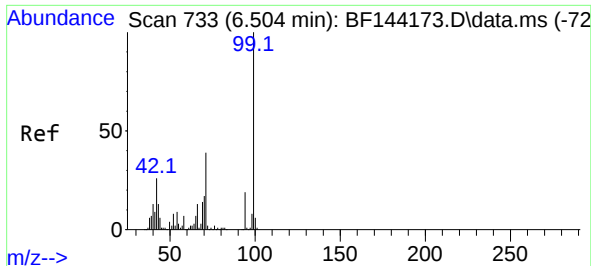
Tgt Ion:152 Resp: 59267
Ion Ratio Lower Upper
152 100
150 158.2 127.4 191.0
115 59.1 49.5 74.3



#5
2-Fluorophenol
Concen: 82.471 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF144349.D
Acq: 25 Nov 2025 14:24

Tgt Ion:112 Resp: 312345
Ion Ratio Lower Upper
112 100
64 57.8 47.2 70.8
63 29.2 24.4 36.6

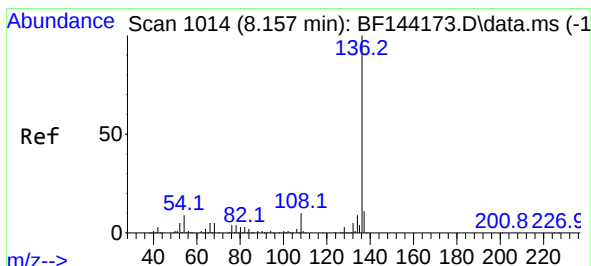
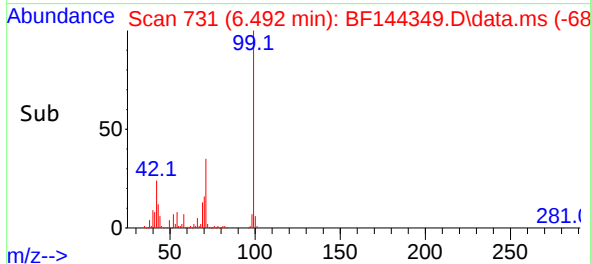
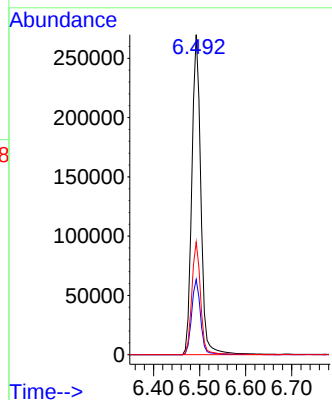
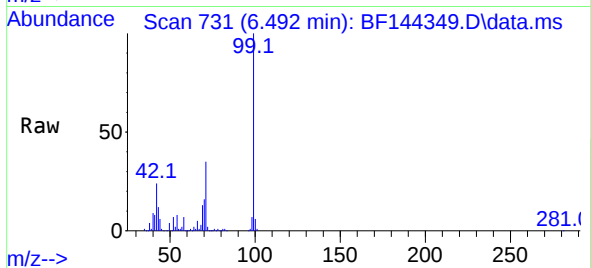




#7
Phenol-d6
Concen: 85.434 ng
RT: 6.492 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF144349.D
Acq: 25 Nov 2025 14:24

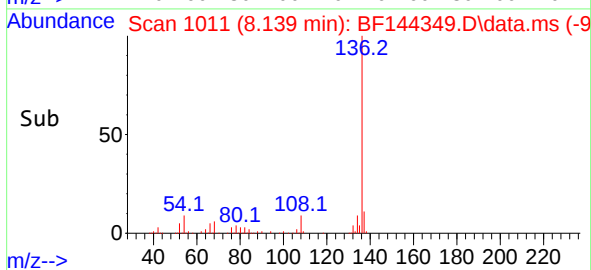
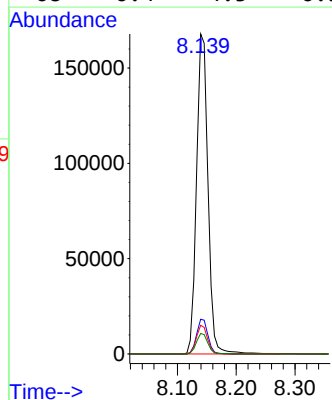
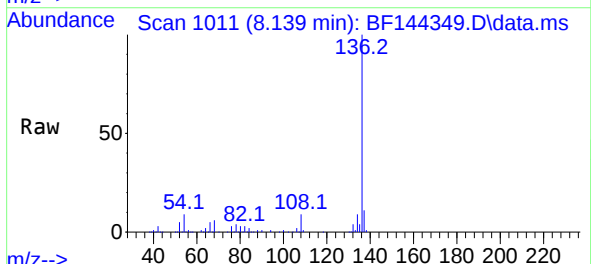
Instrument :
BNA_F
ClientSampleId :
PB170730BL

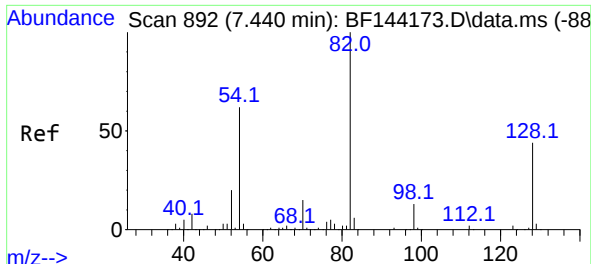
Tgt Ion: 99 Resp: 366629
Ion Ratio Lower Upper
99 100
42 23.5 20.9 31.3
71 35.2 31.4 47.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1011
Delta R.T. -0.018 min
Lab File: BF144349.D
Acq: 25 Nov 2025 14:24

Tgt Ion: 136 Resp: 226673
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.9 7.0 10.6
68 6.4 4.3 6.5

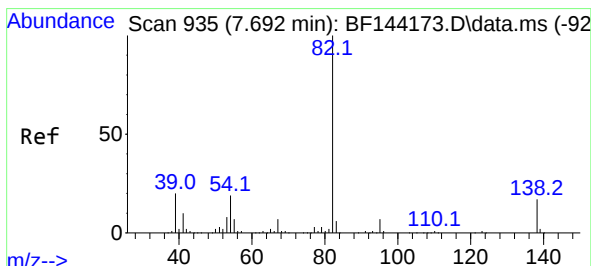
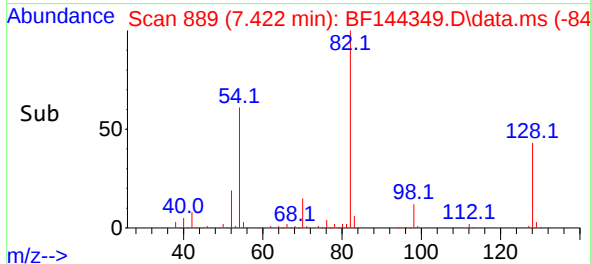
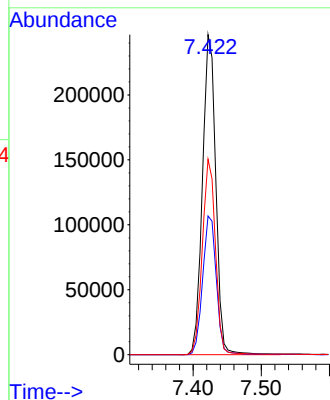
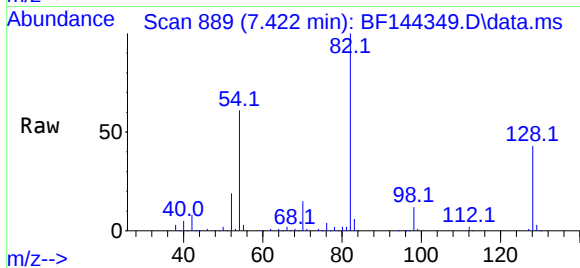




#23
Nitrobenzene-d5
Concen: 85.447 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF144349.D
Acq: 25 Nov 2025 14:24

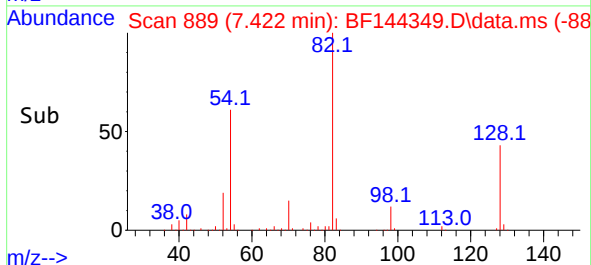
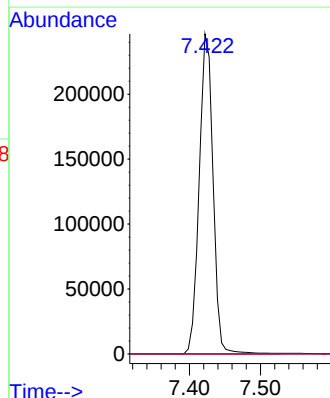
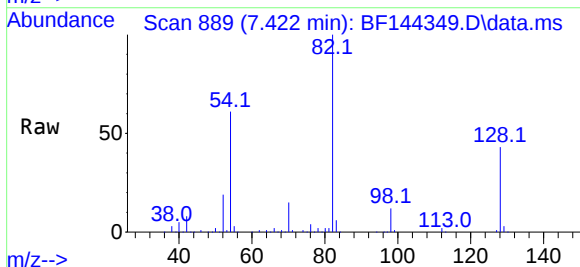
Instrument :
BNA_F
ClientSampleId :
PB170730BL

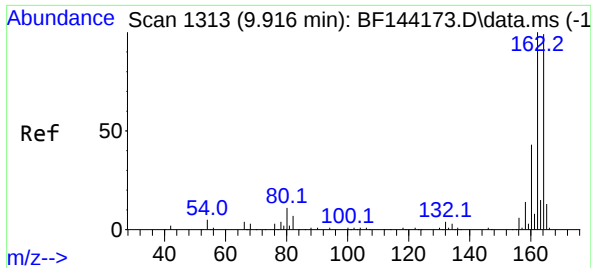
Tgt Ion: 82 Resp: 335356
Ion Ratio Lower Upper
82 100
128 43.4 34.7 52.1
54 61.0 49.5 74.3



#25
Isophorone
Concen: 45.173 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.265 min
Lab File: BF144349.D
Acq: 25 Nov 2025 14:24

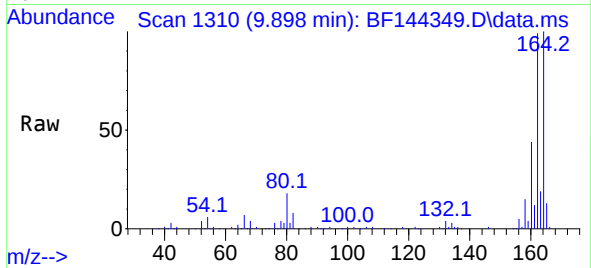
Tgt Ion: 82 Resp: 335352
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.7 20.5#



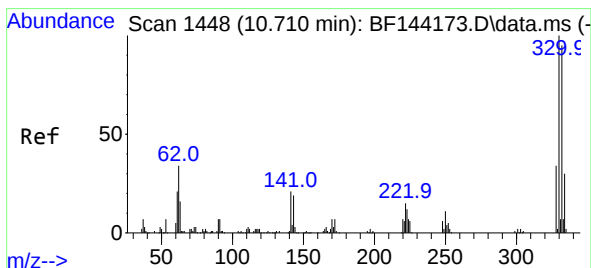
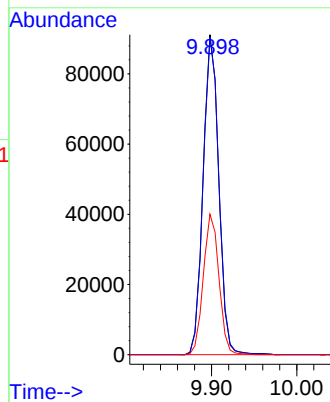
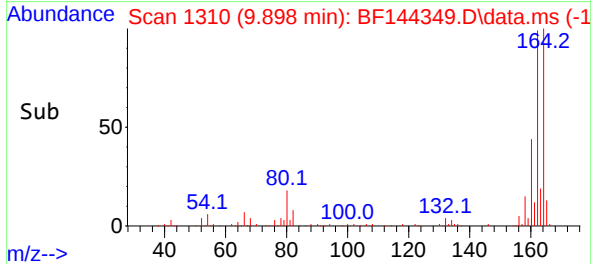


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF144349.D
Acq: 25 Nov 2025 14:24

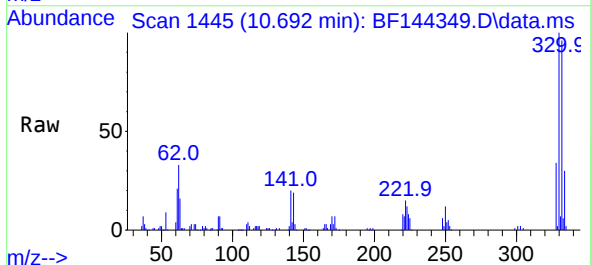
Instrument :
BNA_F
ClientSampleId :
PB170730BL



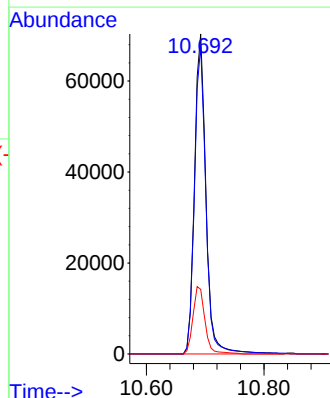
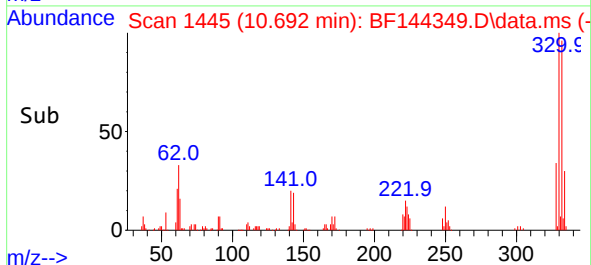
Tgt Ion:164 Resp: 116116
Ion Ratio Lower Upper
164 100
162 99.2 81.1 121.7
160 43.9 34.5 51.7

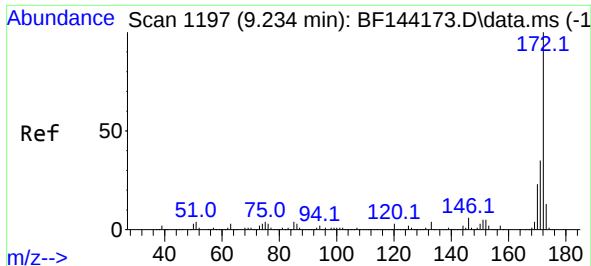


#42
2,4,6-Tribromophenol
Concen: 65.542 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF144349.D
Acq: 25 Nov 2025 14:24



Tgt Ion:330 Resp: 95503
Ion Ratio Lower Upper
330 100
332 96.0 76.7 115.1
141 22.0 17.8 26.8





#45

2-Fluorobiphenyl

Concen: 85.321 ng

RT: 9.216 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144349.D

Acq: 25 Nov 2025 14:24

Instrument :

BNA_F

ClientSampleId :

PB170730BL

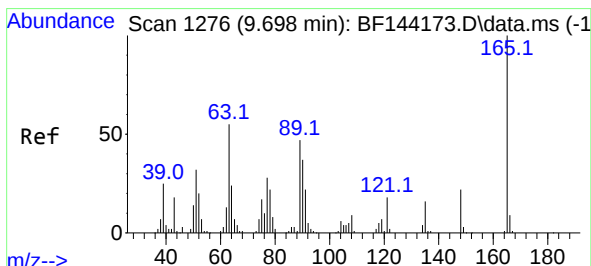
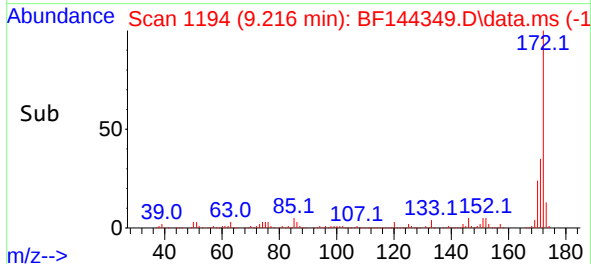
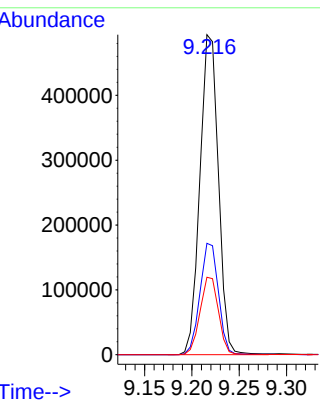
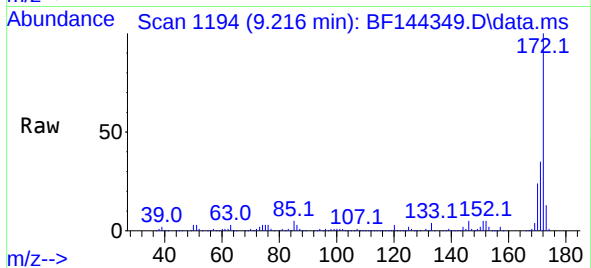
Tgt Ion:172 Resp: 670792

Ion Ratio Lower Upper

172 100

171 34.8 28.1 42.1

170 24.2 18.6 28.0



#51

2,6-Dinitrotoluene

Concen: 9.272 ng

RT: 9.898 min Scan# 1310

Delta R.T. 0.206 min

Lab File: BF144349.D

Acq: 25 Nov 2025 14:24

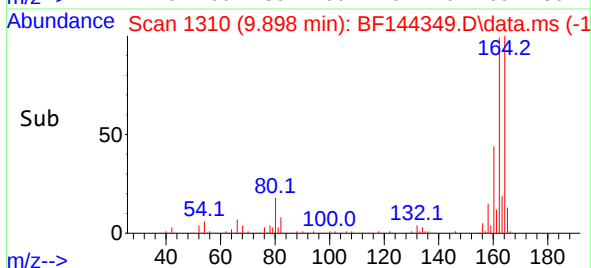
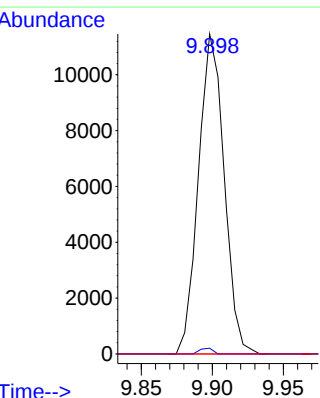
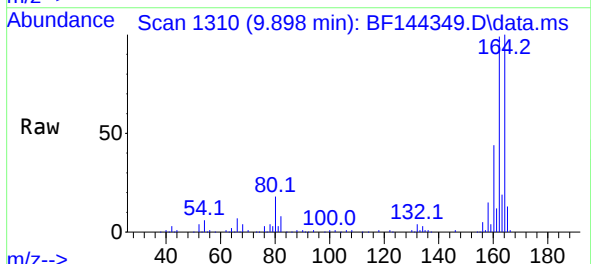
Tgt Ion:165 Resp: 14438

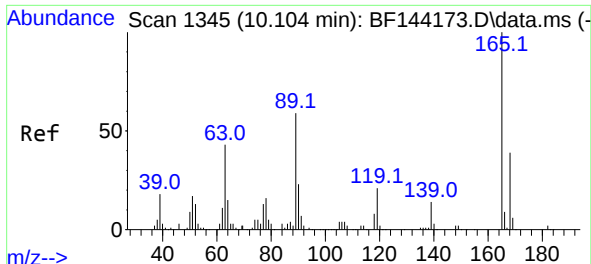
Ion Ratio Lower Upper

165 100

63 1.8 43.8 65.8#

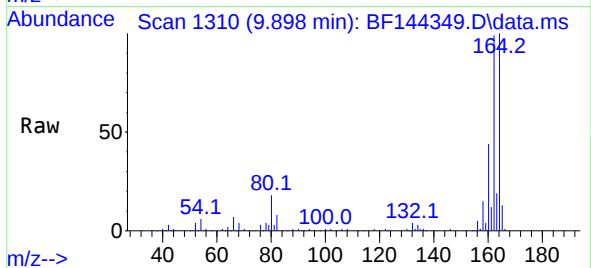
89 0.0 37.5 56.3#



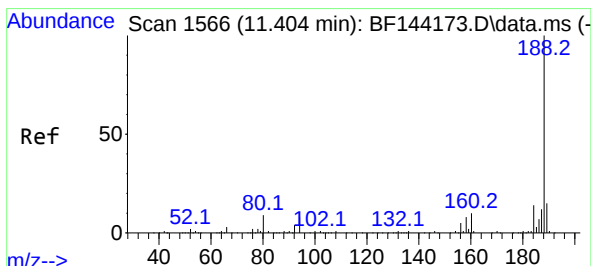
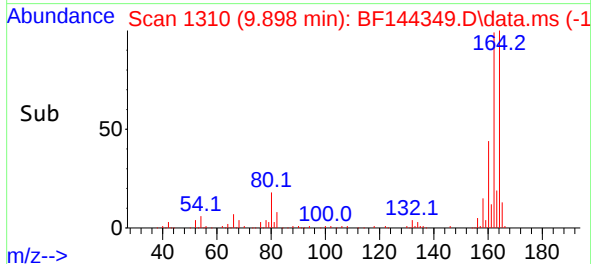
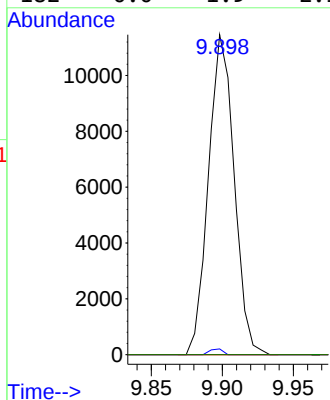


#57
2,4-Dinitrotoluene
Concen: 6.926 ng
RT: 9.898 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF144349.D
Acq: 25 Nov 2025 14:24

Instrument :
BNA_F
ClientSampleId :
PB170730BL

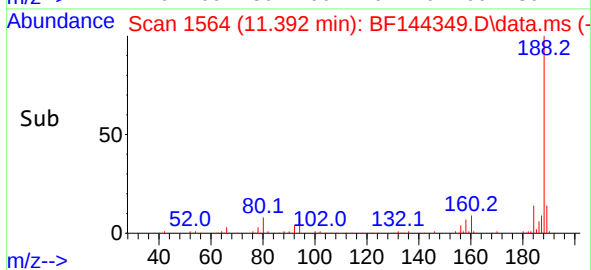
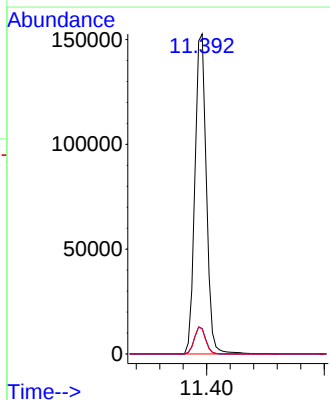
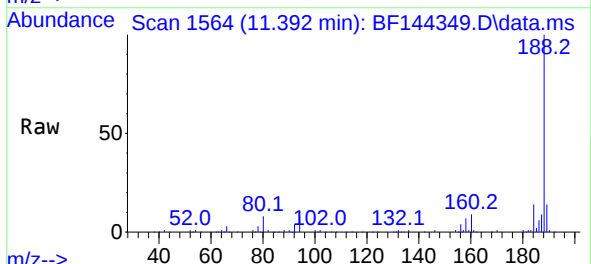


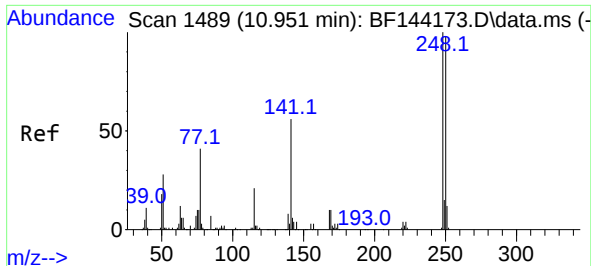
Tgt Ion:165 Resp: 14438
Ion Ratio Lower Upper
165 100
63 1.8 35.5 53.3#
89 0.0 47.4 71.2#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1564
Delta R.T. -0.012 min
Lab File: BF144349.D
Acq: 25 Nov 2025 14:24

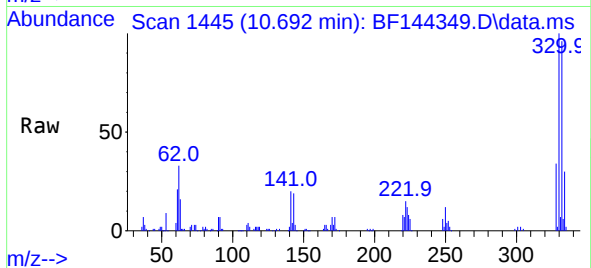
Tgt Ion:188 Resp: 206153
Ion Ratio Lower Upper
188 100
94 8.0 6.2 9.2
80 7.8 6.9 10.3



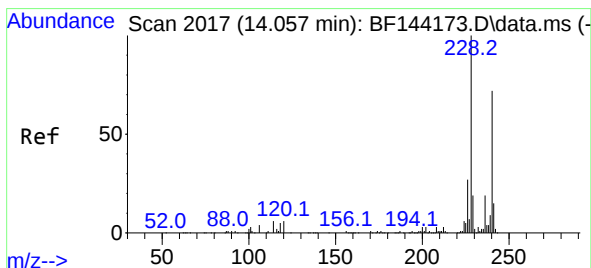
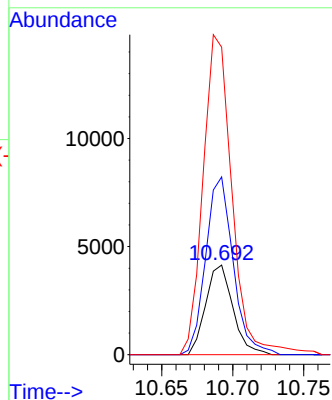
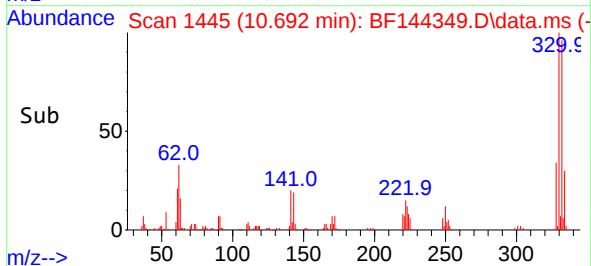


#67
4-Bromophenyl-phenylether
Concen: 2.103 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF144349.D
Acq: 25 Nov 2025 14:24

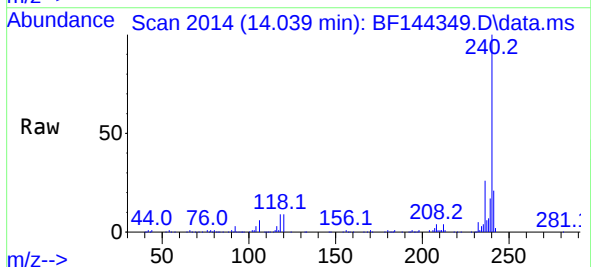
Instrument :
BNA_F
ClientSampleId :
PB170730BL



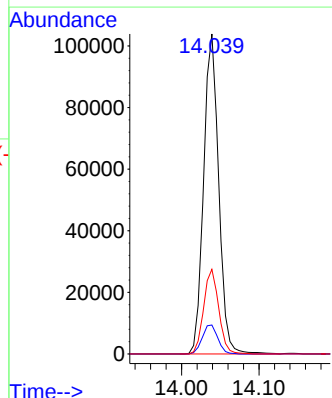
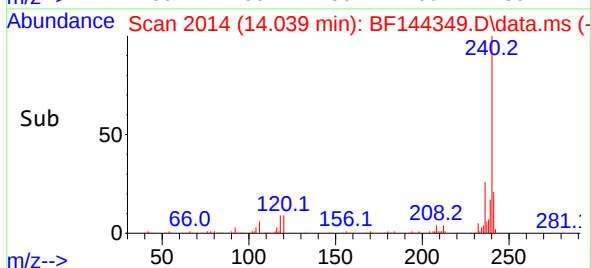
Tgt Ion:248 Resp: 5534
Ion Ratio Lower Upper
248 100
250 198.3 78.4 117.6#
141 343.1 45.1 67.7#

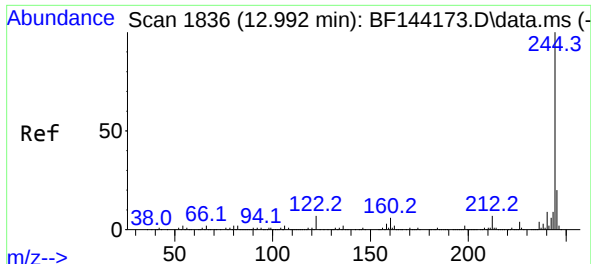


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF144349.D
Acq: 25 Nov 2025 14:24



Tgt Ion:240 Resp: 140232
Ion Ratio Lower Upper
240 100
120 9.1 6.6 10.0
236 26.4 21.4 32.2

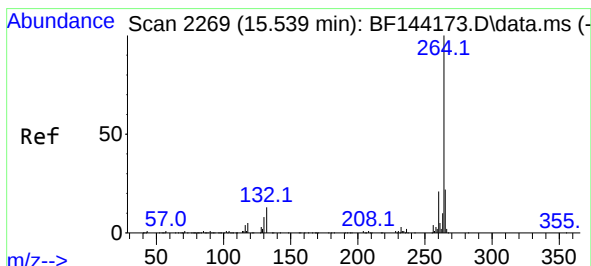
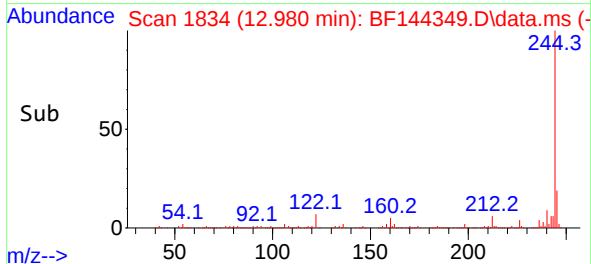
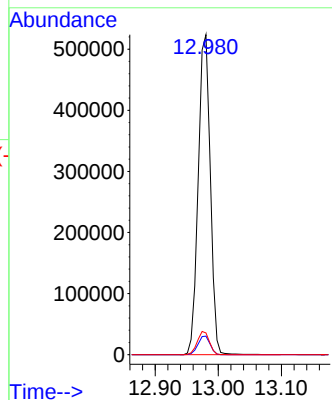
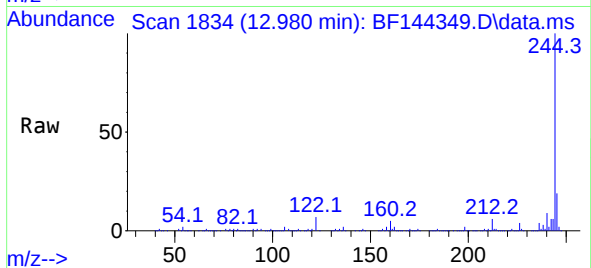




#79
 Terphenyl-d14
 Concen: 78.570 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF144349.D
 Acq: 25 Nov 2025 14:24

Instrument :
 BNA_F
 ClientSampleId :
 PB170730BL

Tgt Ion:244 Resp: 693654
 Ion Ratio Lower Upper
 244 100
 212 5.8 5.3 7.9
 122 6.8 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2265
 Delta R.T. -0.024 min
 Lab File: BF144349.D
 Acq: 25 Nov 2025 14:24

Tgt Ion:264 Resp: 175265
 Ion Ratio Lower Upper
 264 100
 260 22.0 17.1 25.7
 265 20.9 17.4 26.0

