

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
 Data File : BF144248.D
 Acq On : 13 Nov 2025 17:24
 Operator : RC/JU
 Sample : Q3609-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-713-COMP-01

Quant Time: Nov 13 17:51:59 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)

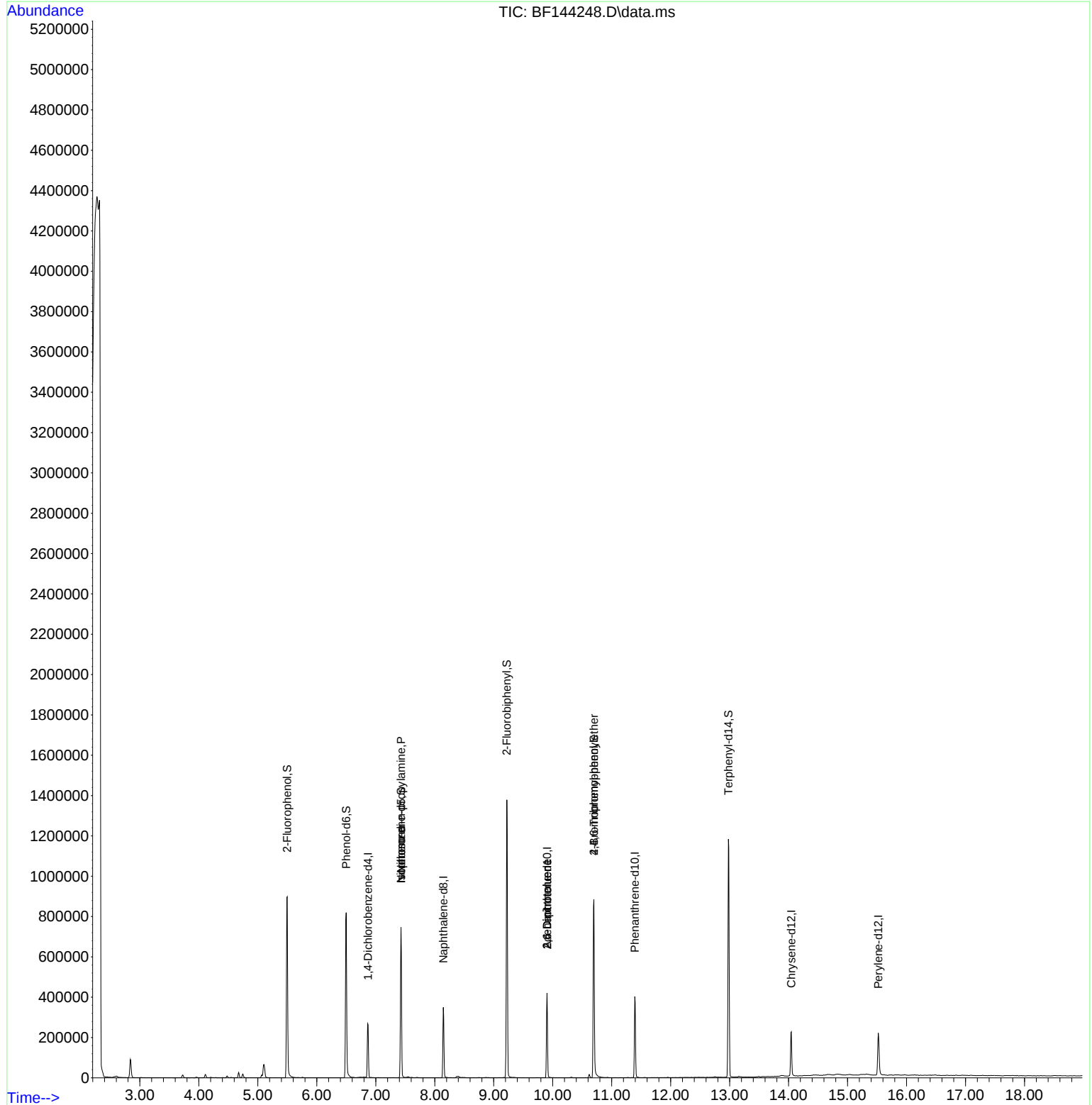
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	56298	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	225311	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	130394	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	229112	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	123319	20.000	ng	0.00
86) Perylene-d12	15.521	264	149419	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	363311	100.987	ng	0.00
7) Phenol-d6	6.498	99	364873	89.509	ng	0.00
23) Nitrobenzene-d5	7.428	82	317163	81.300	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	197727	120.838	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	649106	73.522	ng	0.00
79) Terphenyl-d14	12.980	244	646981	83.334	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	45929	17.115	ng	# 79
25) Isophorone	7.428	82	317160	42.981	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	16155	9.238	ng	# 28
57) 2,4-Dinitrotoluene	9.904	165	16155	6.901	ng	# 28
67) 4-Bromophenyl-phenylether	10.698	248	11299	3.864	ng	# 1

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

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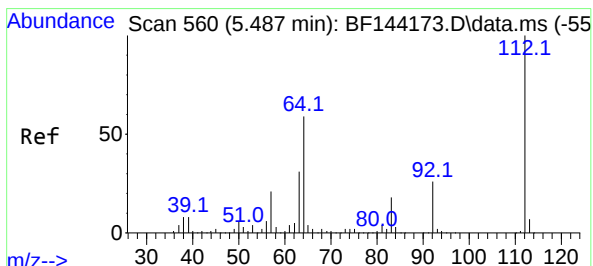
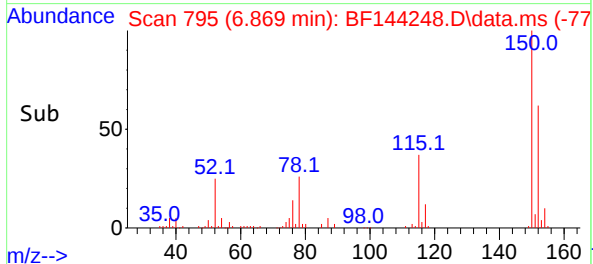
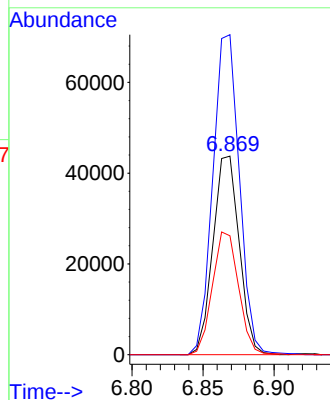
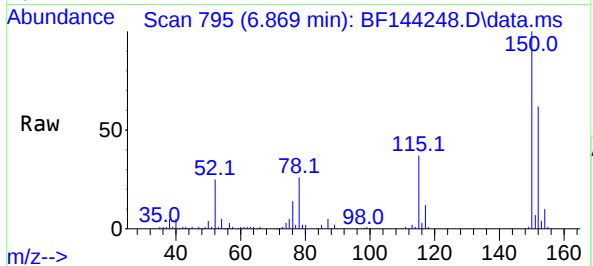




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF144248.D
Acq: 13 Nov 2025 17:24

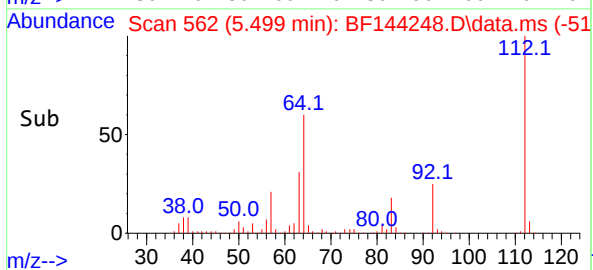
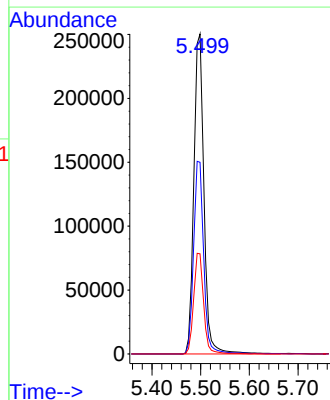
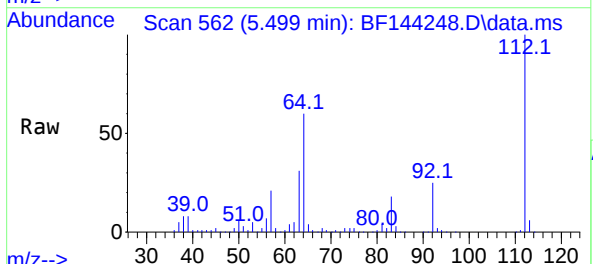
Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01

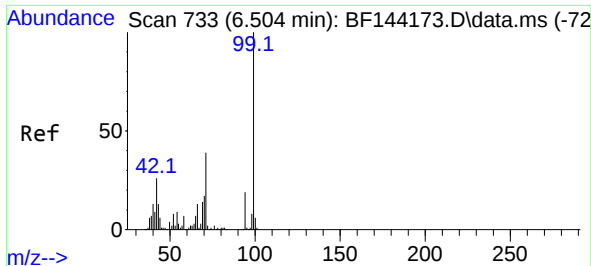
Tgt Ion:152 Resp: 56298
Ion Ratio Lower Upper
152 100
150 161.2 127.4 191.0
115 59.9 49.5 74.3



#5
2-Fluorophenol
Concen: 100.987 ng
RT: 5.499 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF144248.D
Acq: 13 Nov 2025 17:24

Tgt Ion:112 Resp: 363311
Ion Ratio Lower Upper
112 100
64 59.9 47.2 70.8
63 31.3 24.4 36.6

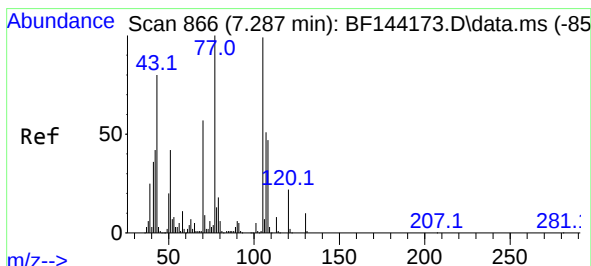
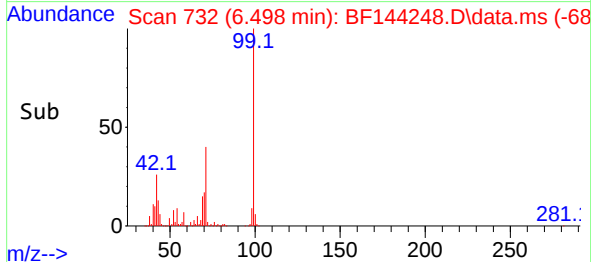
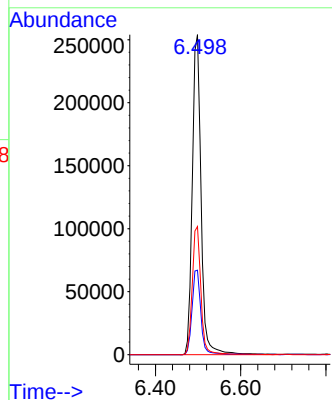
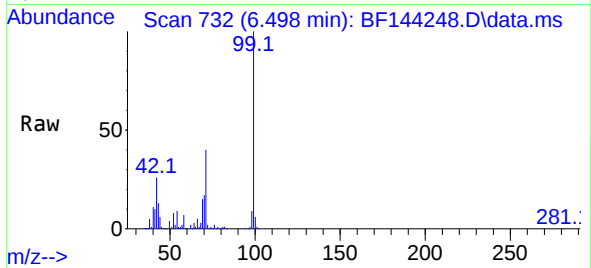




#7
Phenol-d6
Concen: 89.509 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF144248.D
Acq: 13 Nov 2025 17:24

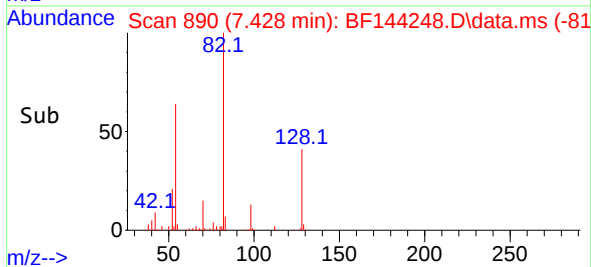
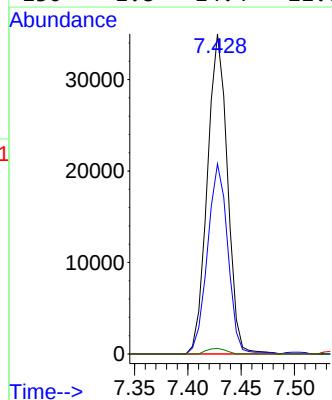
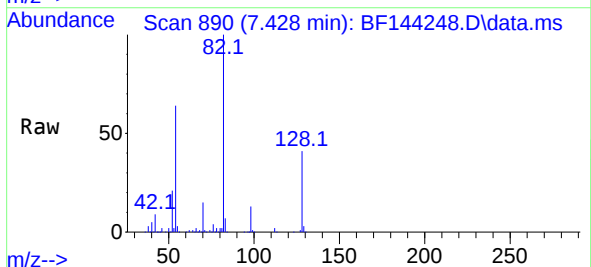
Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01

Tgt Ion: 99 Resp: 364873
Ion Ratio Lower Upper
99 100
42 26.4 20.9 31.3
71 40.1 31.4 47.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.115 ng
RT: 7.428 min Scan# 890
Delta R.T. 0.153 min
Lab File: BF144248.D
Acq: 13 Nov 2025 17:24

Tgt Ion: 70 Resp: 45929
Ion Ratio Lower Upper
70 100
42 59.4 58.3 87.5
101 0.0 7.0 10.6#
130 1.8 14.4 21.6#

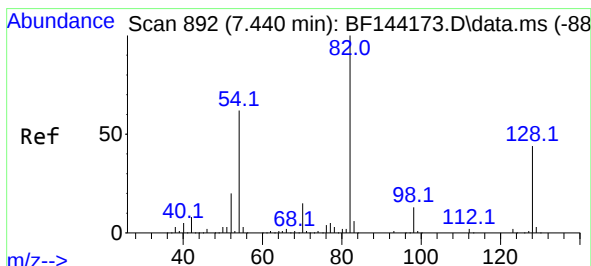
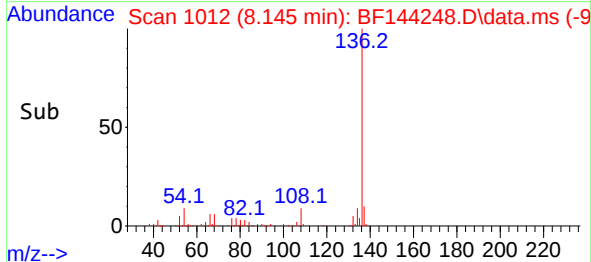
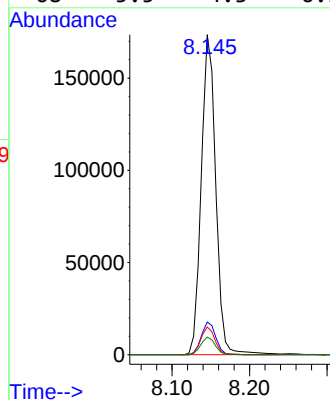
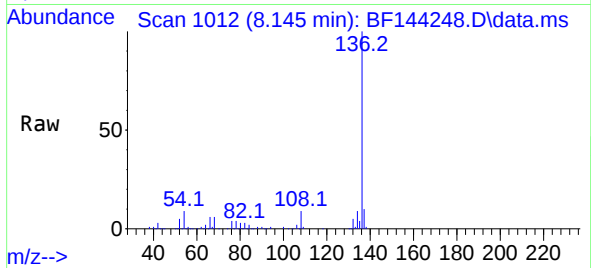




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF144248.D
Acq: 13 Nov 2025 17:24

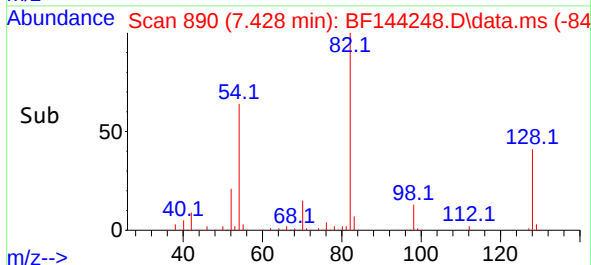
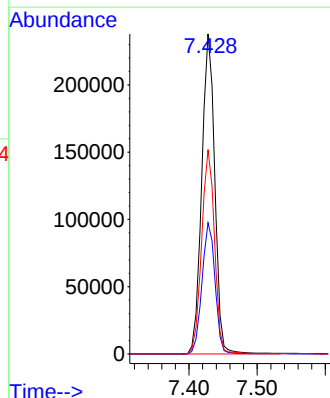
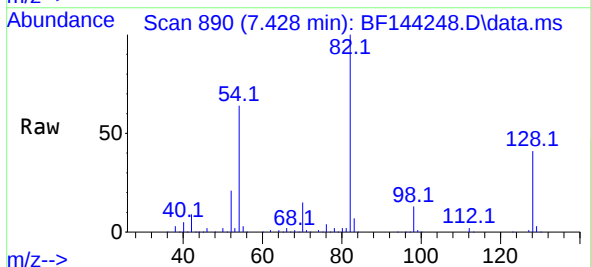
Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01

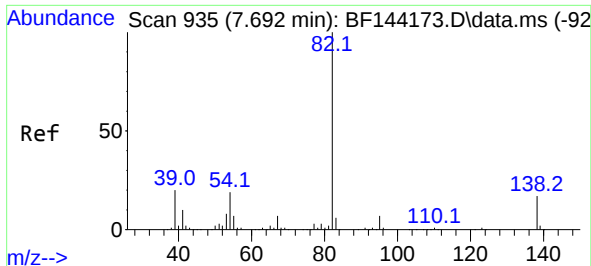
Tgt Ion:136 Resp: 225311
Ion Ratio Lower Upper
136 100
137 10.2 8.6 13.0
54 8.7 7.0 10.6
68 5.5 4.3 6.5



#23
Nitrobenzene-d5
Concen: 81.300 ng
RT: 7.428 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF144248.D
Acq: 13 Nov 2025 17:24

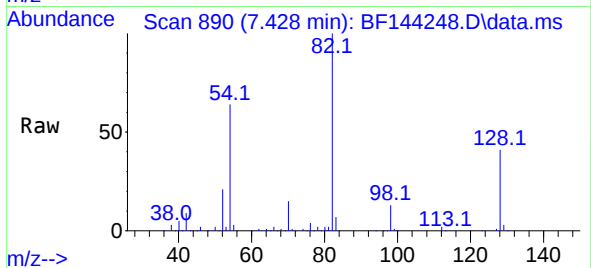
Tgt Ion: 82 Resp: 317163
Ion Ratio Lower Upper
82 100
128 41.0 34.7 52.1
54 63.8 49.5 74.3



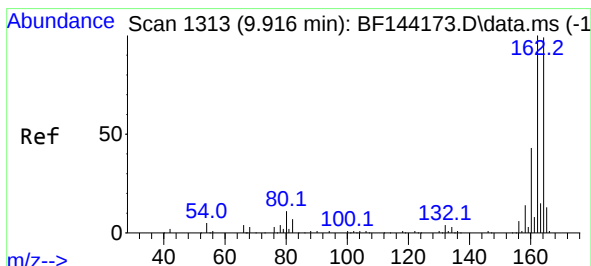
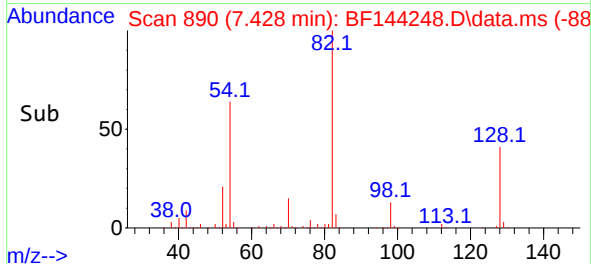
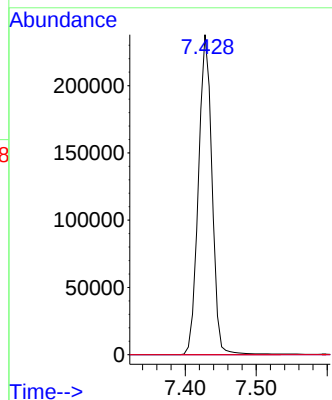


#25
Isophorone
Concen: 42.981 ng
RT: 7.428 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF144248.D
Acq: 13 Nov 2025 17:24

Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01

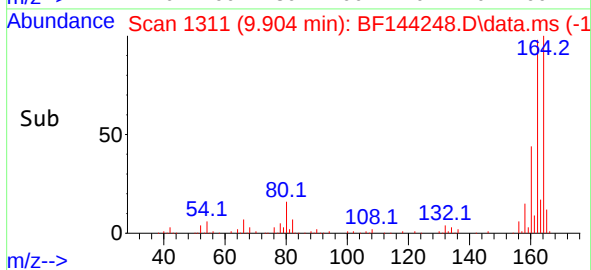
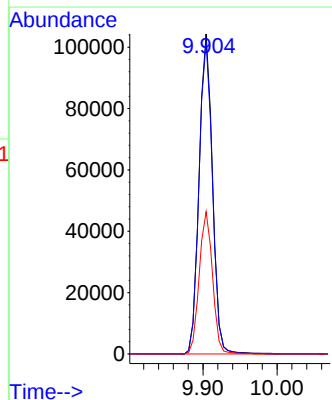
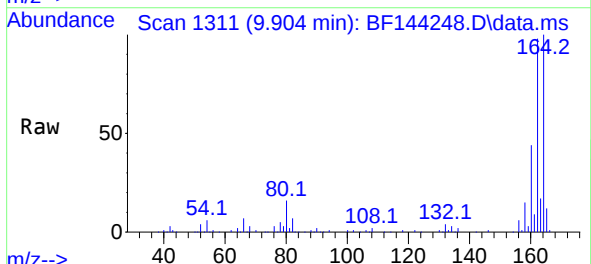


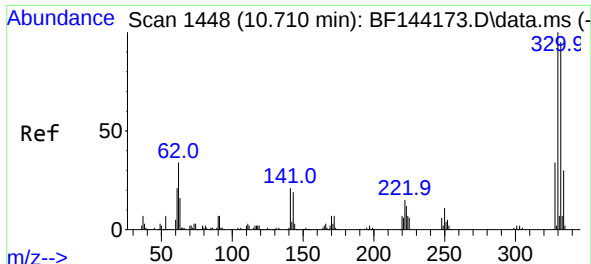
Tgt Ion: 82 Resp: 317160
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1311
Delta R.T. -0.012 min
Lab File: BF144248.D
Acq: 13 Nov 2025 17:24

Tgt Ion:164 Resp: 130394
Ion Ratio Lower Upper
164 100
162 97.8 81.1 121.7
160 44.4 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 120.838 ng

RT: 10.698 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF144248.D

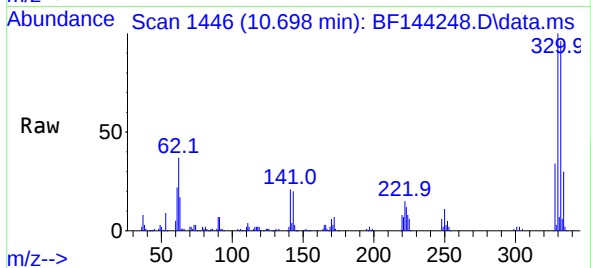
Acq: 13 Nov 2025 17:24

Instrument :

BNA_F

ClientSampleId :

AU-713-COMP-01



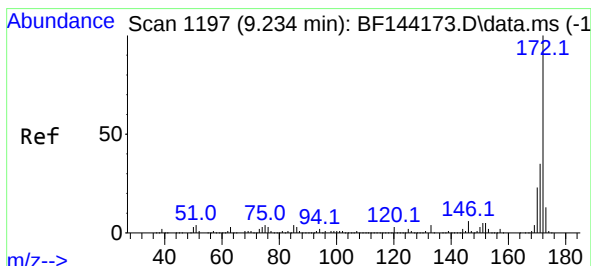
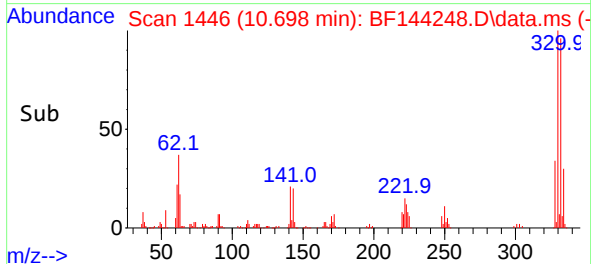
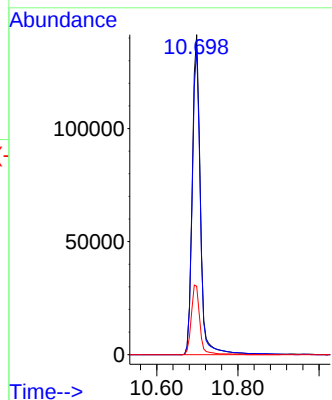
Tgt Ion:330 Resp: 197727

Ion Ratio Lower Upper

330 100

332 95.2 76.7 115.1

141 22.4 17.8 26.8



#45

2-Fluorobiphenyl

Concen: 73.522 ng

RT: 9.222 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF144248.D

Acq: 13 Nov 2025 17:24

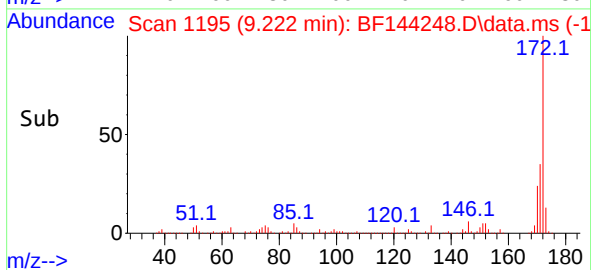
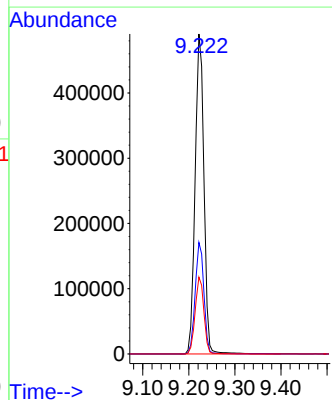
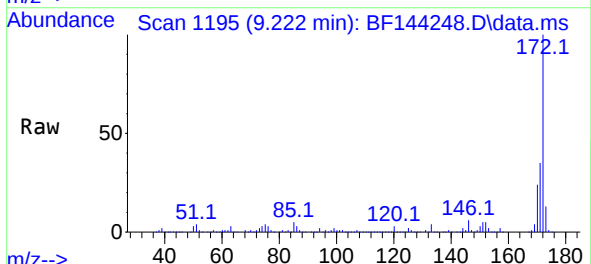
Tgt Ion:172 Resp: 649106

Ion Ratio Lower Upper

172 100

171 34.9 28.1 42.1

170 24.0 18.6 28.0

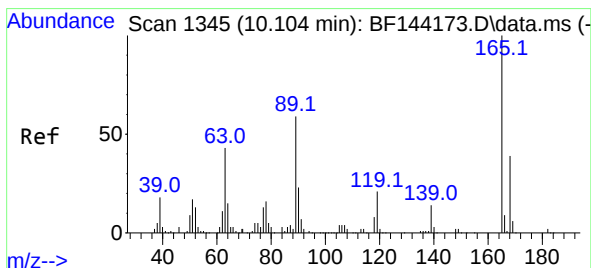
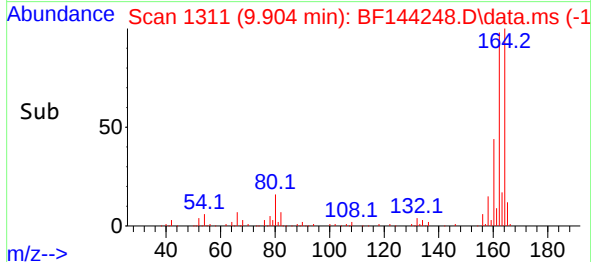
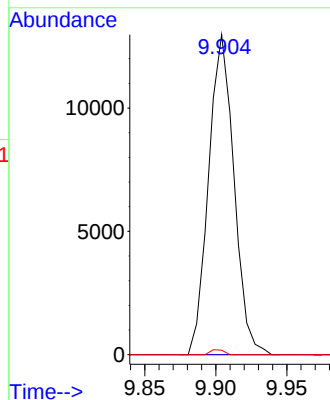
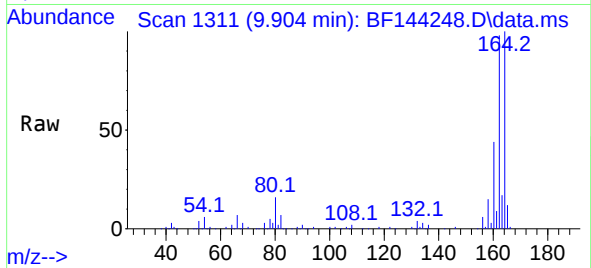




#51
2,6-Dinitrotoluene
Concen: 9.238 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF144248.D
Acq: 13 Nov 2025 17:24

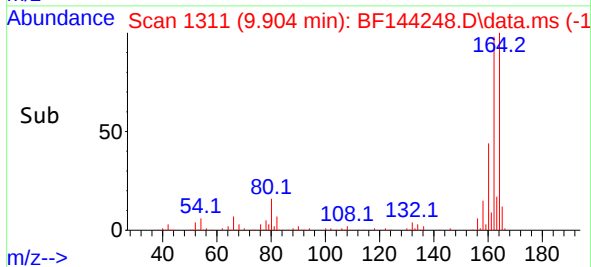
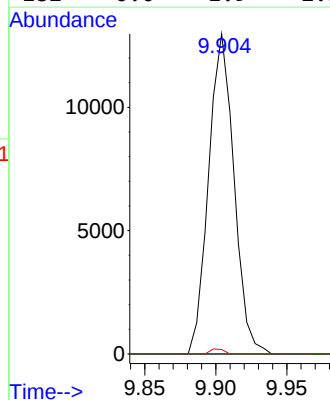
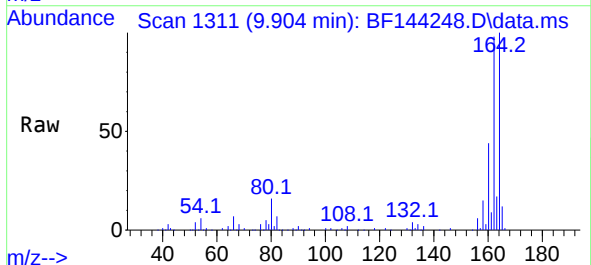
Instrument :
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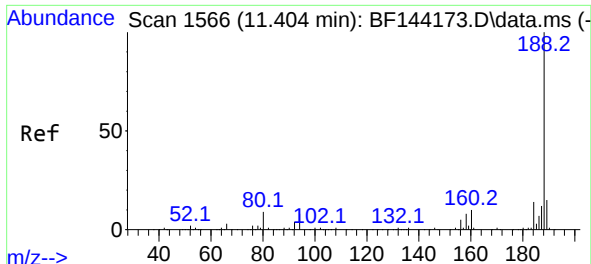
Tgt Ion:165 Resp: 16155
Ion Ratio Lower Upper
165 100
63 0.0 43.8 65.8#
89 1.4 37.5 56.3#



#57
2,4-Dinitrotoluene
Concen: 6.901 ng
RT: 9.904 min Scan# 1311
Delta R.T. -0.194 min
Lab File: BF144248.D
Acq: 13 Nov 2025 17:24

Tgt Ion:165 Resp: 16155
Ion Ratio Lower Upper
165 100
63 0.0 35.5 53.3#
89 1.4 47.4 71.2#
182 0.0 1.9 2.9#

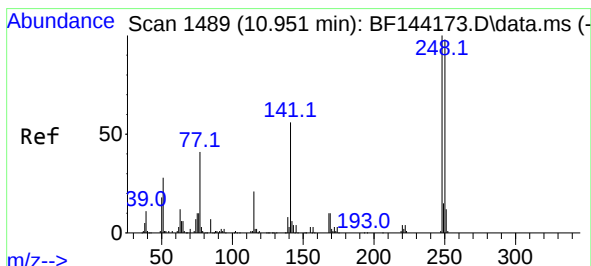
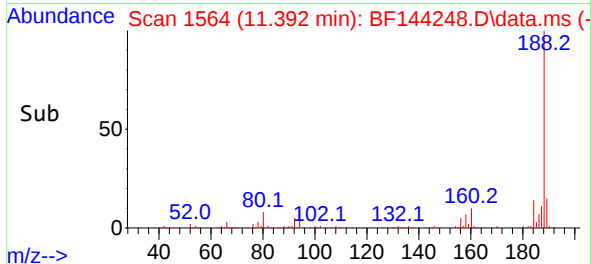
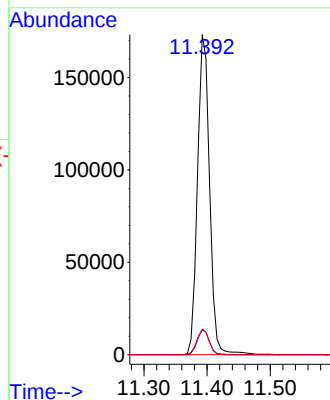
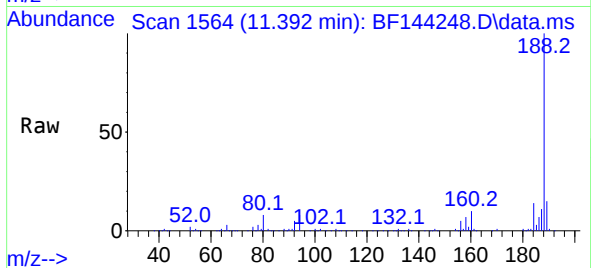




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144248.D
Acq: 13 Nov 2025 17:24

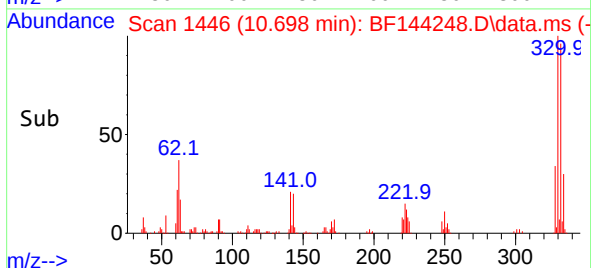
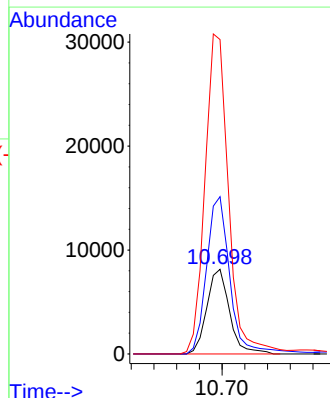
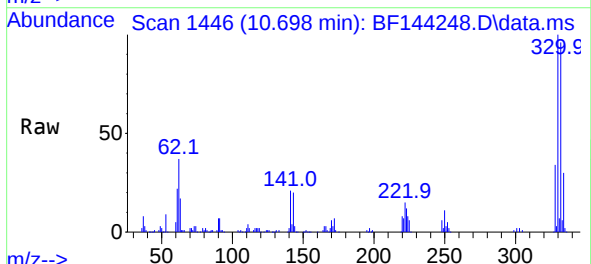
Instrument :
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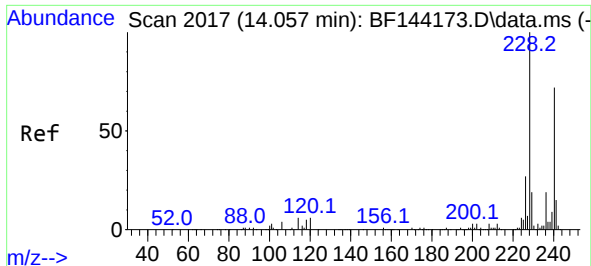
Tgt Ion:188 Resp: 229112
Ion Ratio Lower Upper
188 100
94 7.9 6.2 9.2
80 8.0 6.9 10.3



#67
4-Bromophenyl-phenylether
Concen: 3.864 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.247 min
Lab File: BF144248.D
Acq: 13 Nov 2025 17:24

Tgt Ion:248 Resp: 11299
Ion Ratio Lower Upper
248 100
250 185.9 78.4 117.6#
141 371.5 45.1 67.7#

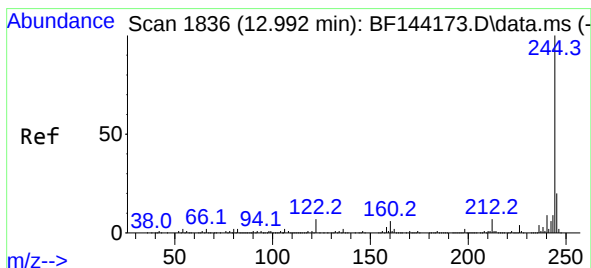
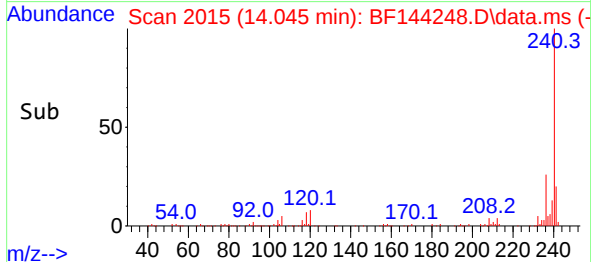
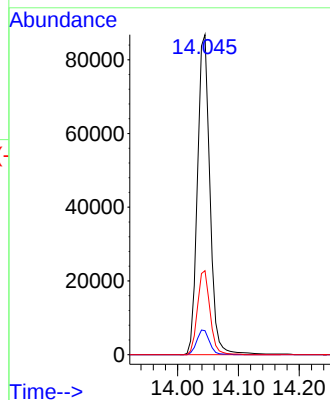
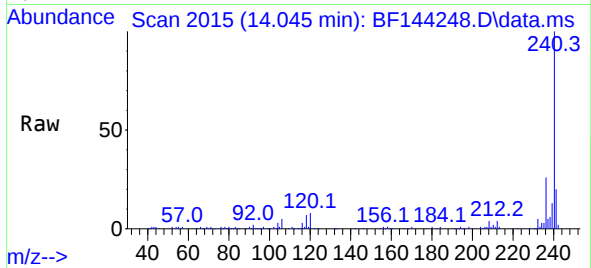




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF144248.D
Acq: 13 Nov 2025 17:24

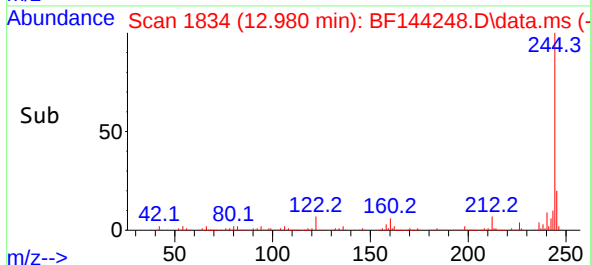
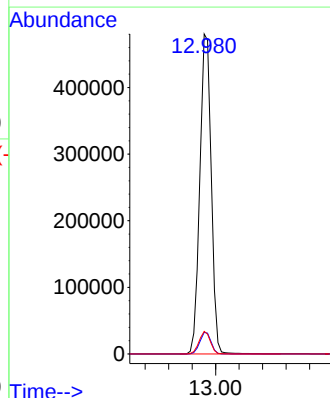
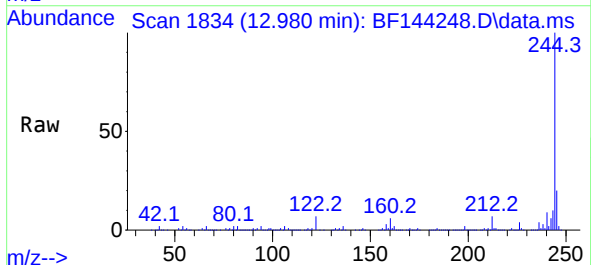
Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01

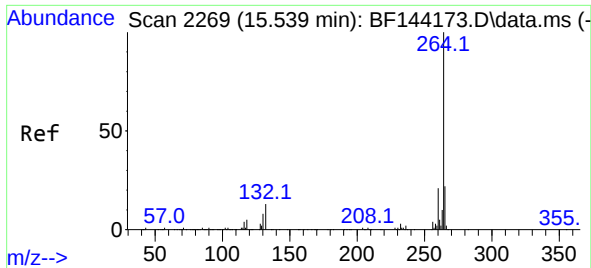
Tgt Ion:240 Resp: 123319
Ion Ratio Lower Upper
240 100
120 7.5 6.6 10.0
236 26.2 21.4 32.2



#79
Terphenyl-d14
Concen: 83.334 ng
RT: 12.980 min Scan# 1834
Delta R.T. -0.012 min
Lab File: BF144248.D
Acq: 13 Nov 2025 17:24

Tgt Ion:244 Resp: 646981
Ion Ratio Lower Upper
244 100
212 6.7 5.3 7.9
122 7.1 5.6 8.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF144248.D
Acq: 13 Nov 2025 17:24

Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01

Tgt Ion:264 Resp: 149419
Ion Ratio Lower Upper
264 100
260 21.6 17.1 25.7
265 21.2 17.4 26.0

