

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112025\
 Data File : BF144298.D
 Acq On : 20 Nov 2025 16:58
 Operator : RC/JU
 Sample : Q3667-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 20 17:24:17 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)

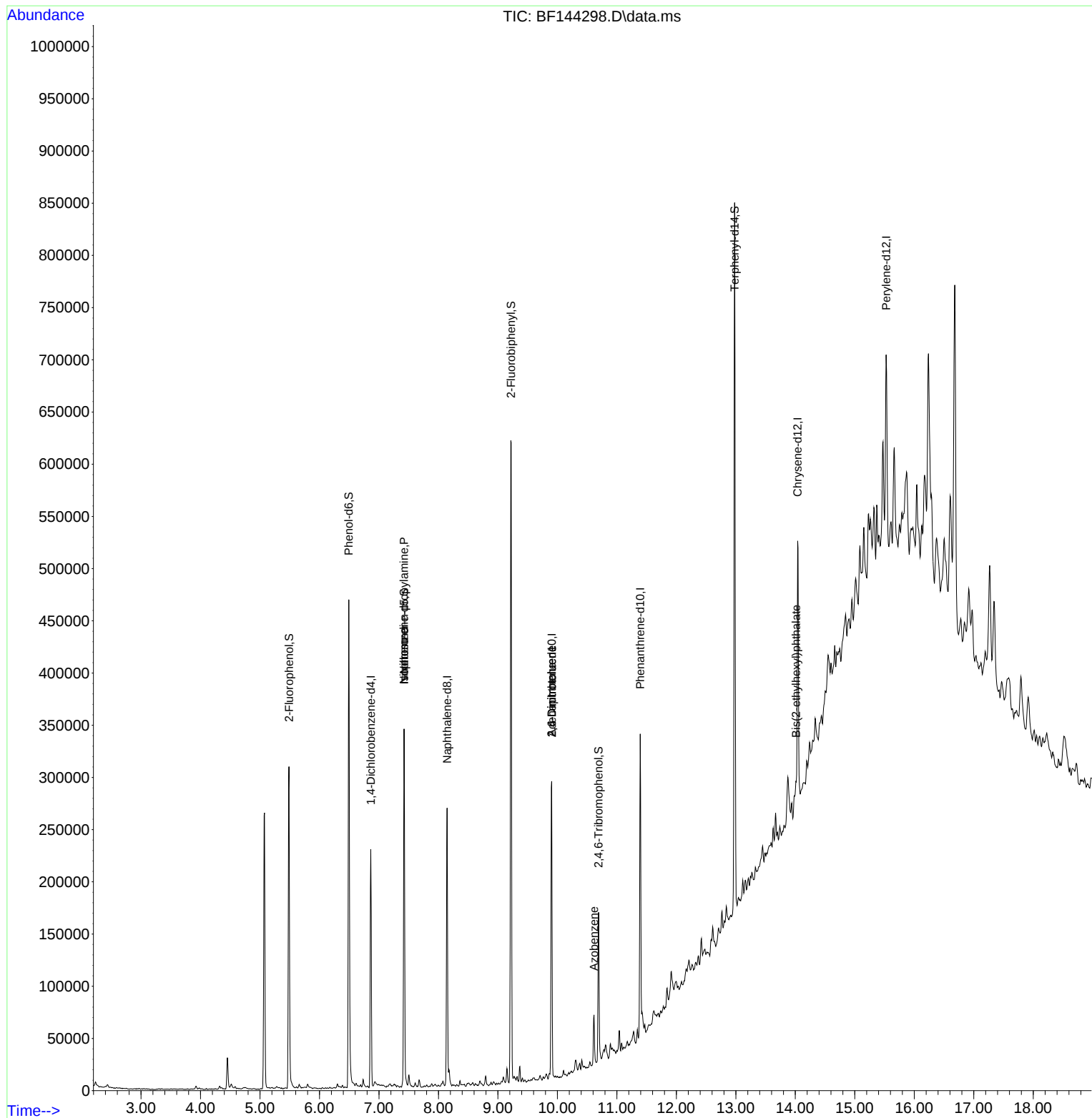
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	48329	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	169288	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	89217	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	154841	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	131007	20.000	ng	#-0.01
86) Perylene-d12	15.527	264	97995	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	133256	43.148	ng	0.00
7) Phenol-d6	6.492	99	213232	60.935	ng	0.00
23) Nitrobenzene-d5	7.422	82	138355	47.202	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	26581	23.742	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	295598	48.934	ng	0.00
79) Terphenyl-d14	12.980	244	363508	44.074	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	21208	9.206	ng	# 76
25) Isophorone	7.422	82	138354	24.954	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	10708	8.950	ng	# 28
57) 2,4-Dinitrotoluene	9.904	165	10708	6.685	ng	# 29
63) Azobenzene	10.616	77	11276	2.224	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.015	149	11517	2.298	ng	# 98

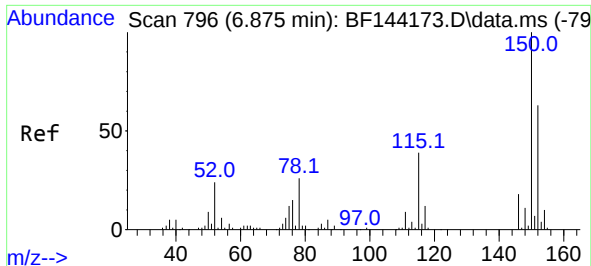
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112025\
Data File : BF144298.D
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

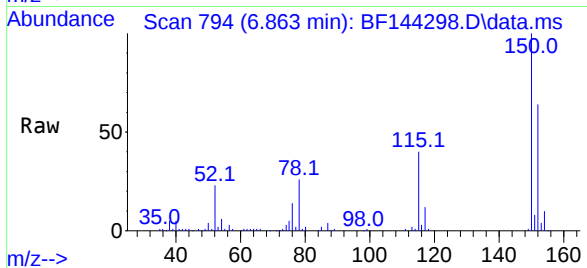
Quant Time: Nov 20 17:24:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
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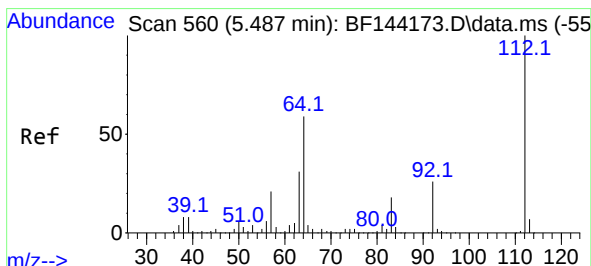
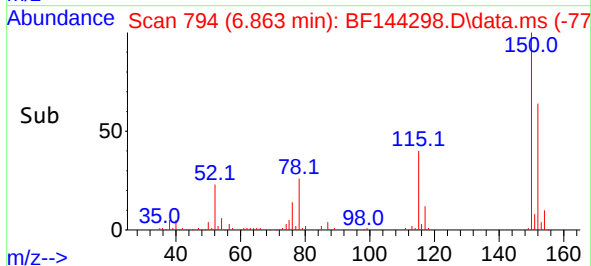
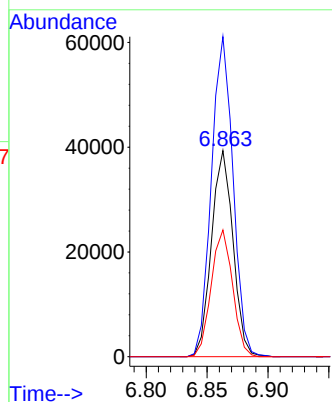


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF144298.D
Acq: 20 Nov 2025 16:58

Instrument :
BNA_F
ClientSampleId :

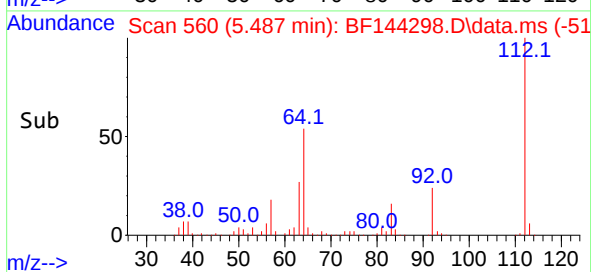
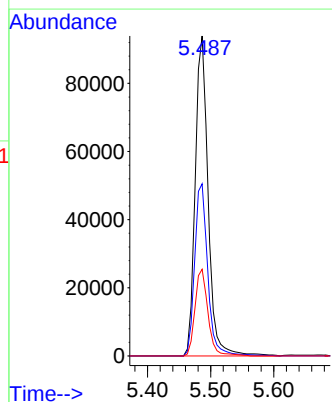
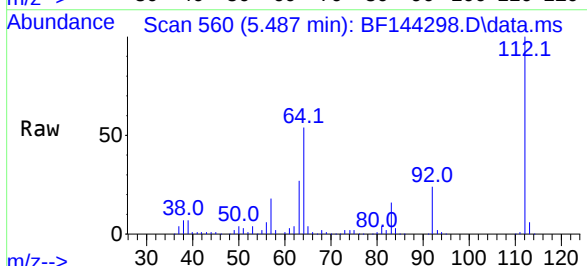


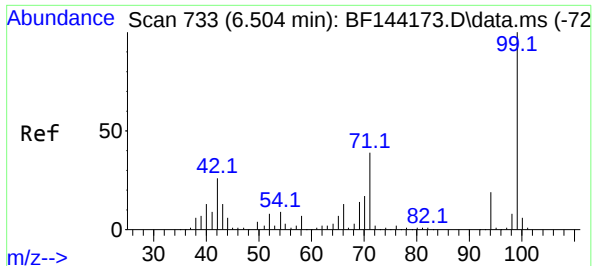
Tgt Ion:152 Resp: 48329
Ion Ratio Lower Upper
152 100
150 155.3 127.4 191.0
115 61.5 49.5 74.3



#5
2-Fluorophenol
Concen: 43.148 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF144298.D
Acq: 20 Nov 2025 16:58

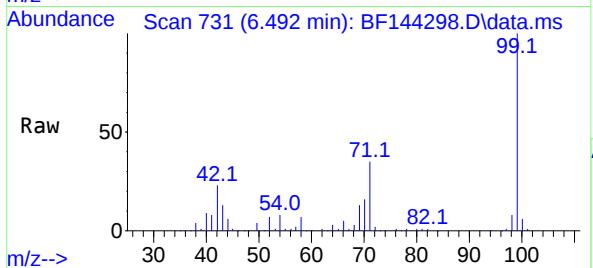
Tgt Ion:112 Resp: 133256
Ion Ratio Lower Upper
112 100
64 53.8 47.2 70.8
63 27.1 24.4 36.6



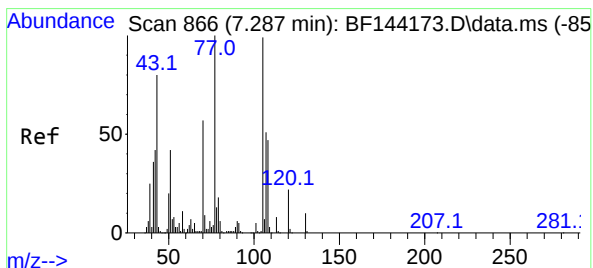
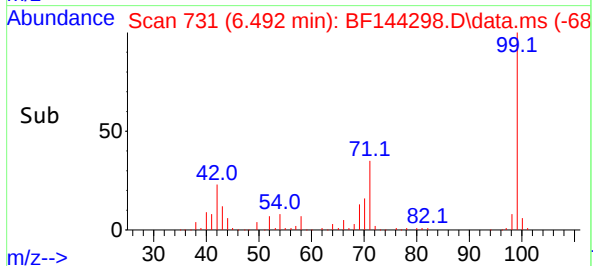
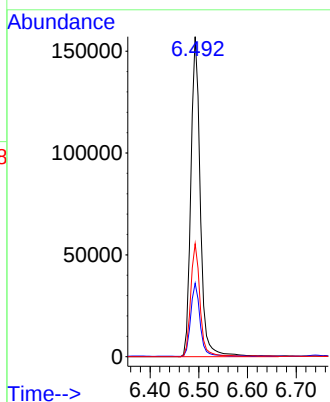


#7
Phenol-d6
Concen: 60.935 ng
RT: 6.492 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF144298.D
Acq: 20 Nov 2025 16:58

Instrument :
BNA_F
ClientSampleId :

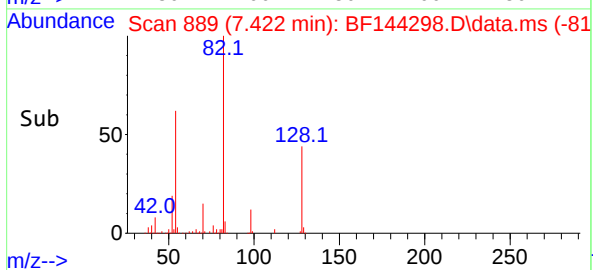
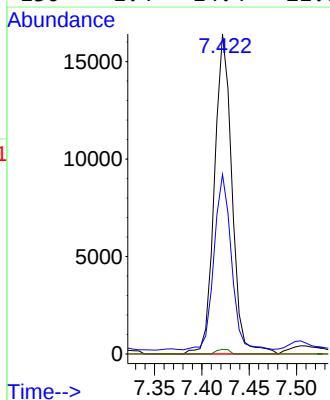
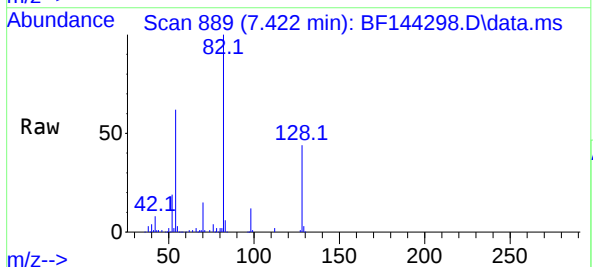


Tgt Ion: 99 Resp: 213232
Ion Ratio Lower Upper
99 100
42 22.9 20.9 31.3
71 35.3 31.4 47.2



#19
n-Nitroso-di-n-propylamine
Concen: 9.206 ng
RT: 7.422 min Scan# 889
Delta R.T. 0.147 min
Lab File: BF144298.D
Acq: 20 Nov 2025 16:58

Tgt Ion: 70 Resp: 21208
Ion Ratio Lower Upper
70 100
42 56.1 58.3 87.5#
101 0.0 7.0 10.6#
130 1.4 14.4 21.6#



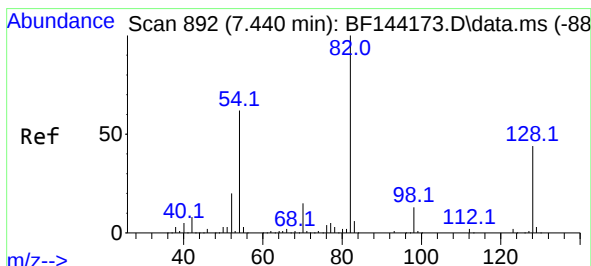
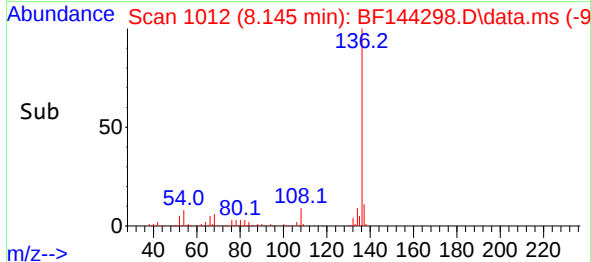
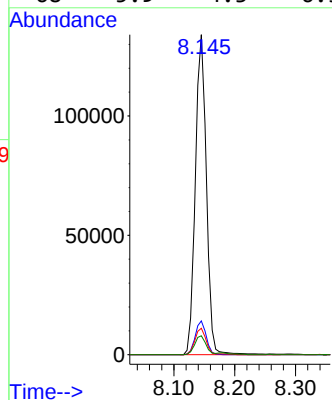
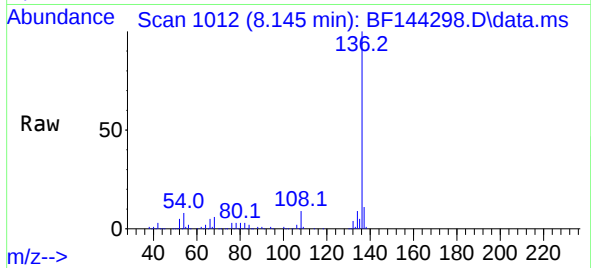


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF144298.D
Acq: 20 Nov 2025 16:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 169288

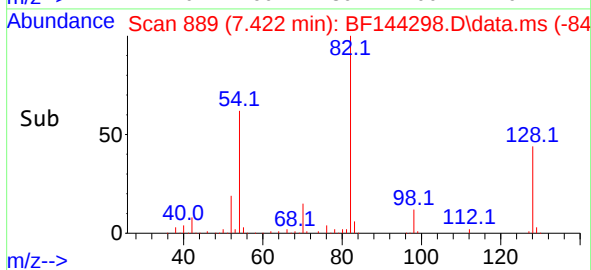
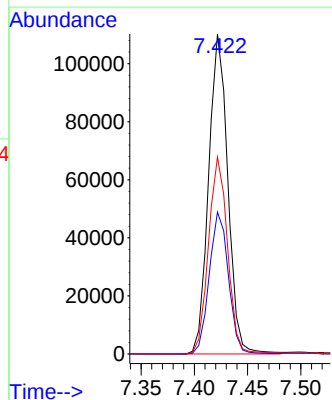
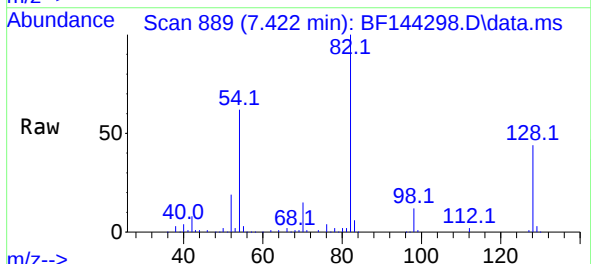
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	8.2	7.0	10.6
68	5.9	4.3	6.5

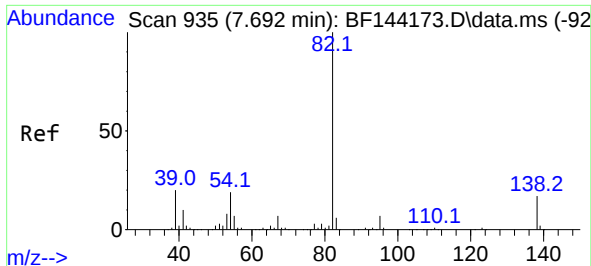


#23
Nitrobenzene-d5
Concen: 47.202 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF144298.D
Acq: 20 Nov 2025 16:58

Tgt Ion: 82 Resp: 138355

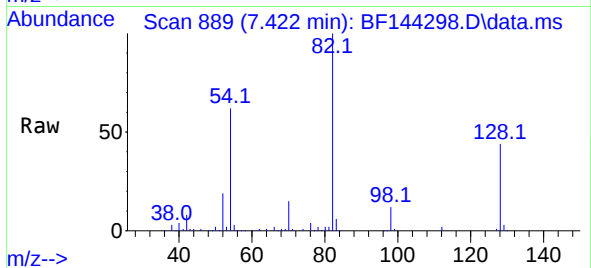
Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.7	52.1
54	61.5	49.5	74.3



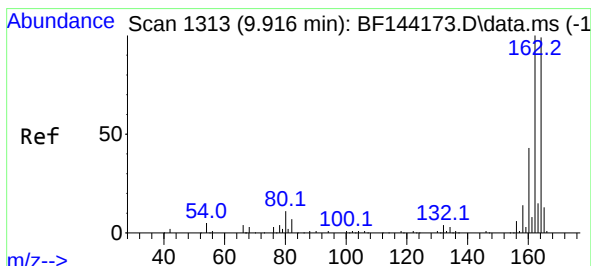
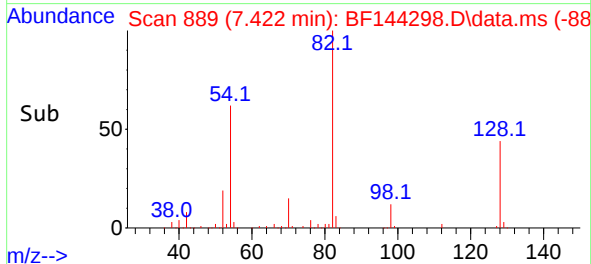
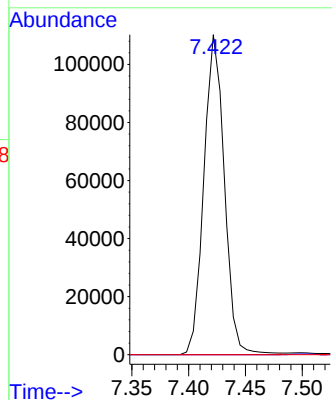


#25
Isophorone
Concen: 24.954 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF144298.D
Acq: 20 Nov 2025 16:58

Instrument :
BNA_F
ClientSampleId :

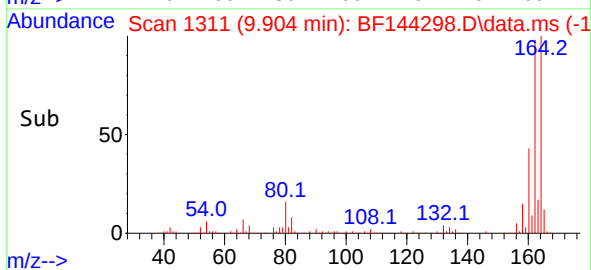
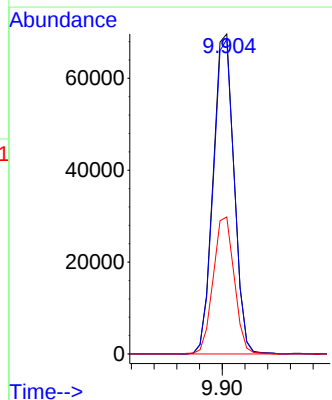
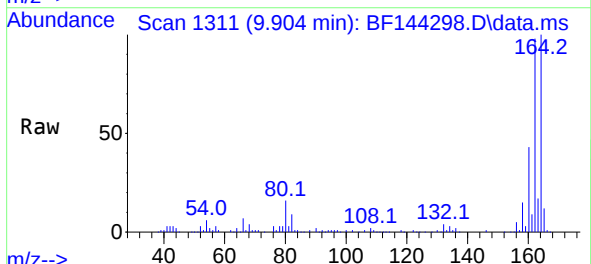


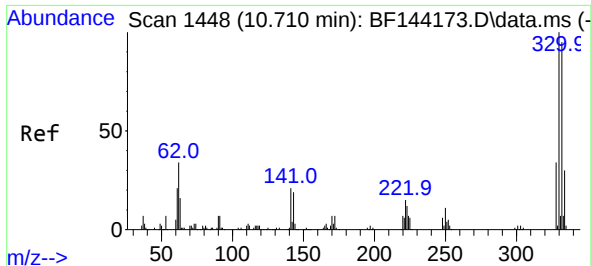
Tgt Ion: 82 Resp: 138354
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1311
Delta R.T. -0.012 min
Lab File: BF144298.D
Acq: 20 Nov 2025 16:58

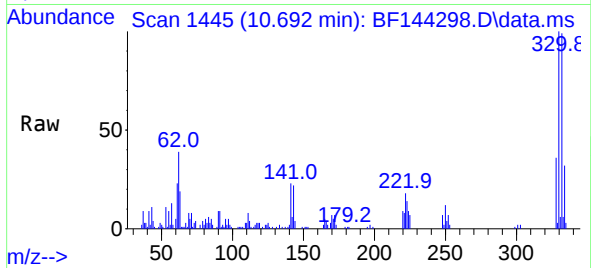
Tgt Ion:164 Resp: 89217
Ion Ratio Lower Upper
164 100
162 98.3 81.1 121.7
160 42.8 34.5 51.7



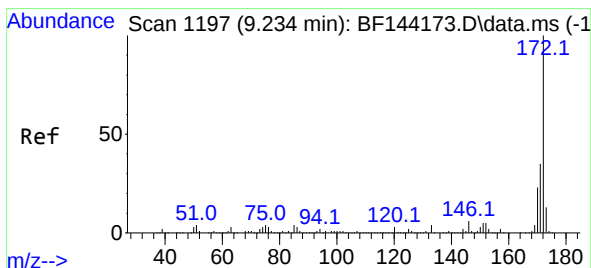
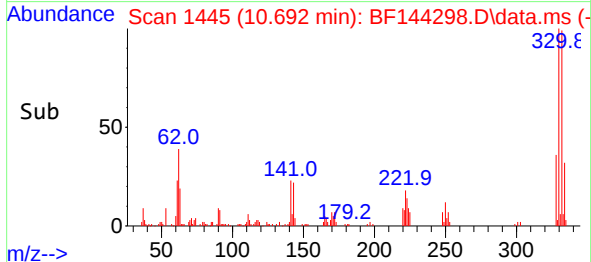
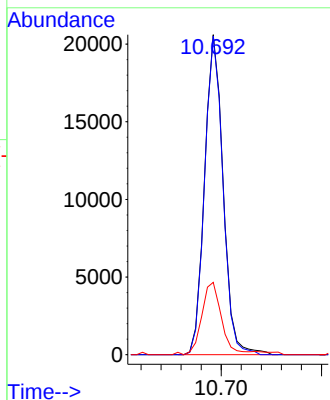


#42
2,4,6-Tribromophenol
Concen: 23.742 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF144298.D
Acq: 20 Nov 2025 16:58

Instrument :
BNA_F
ClientSampleId :

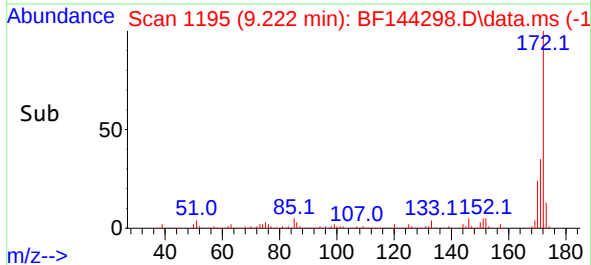
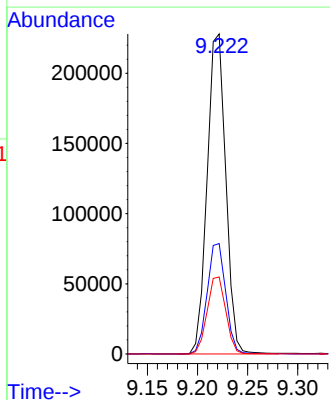
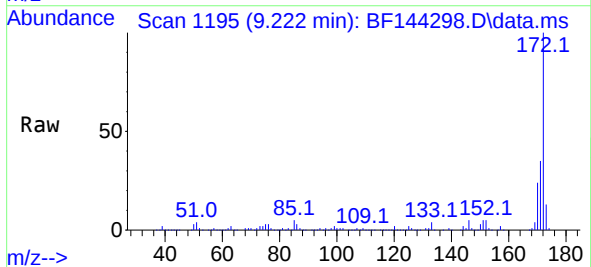


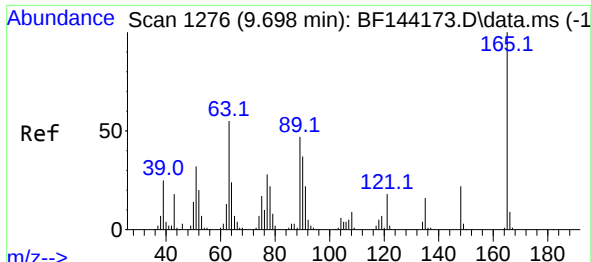
Tgt Ion:330 Resp: 26581
Ion Ratio Lower Upper
330 100
332 97.6 76.7 115.1
141 25.1 17.8 26.8



#45
2-Fluorobiphenyl
Concen: 48.934 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF144298.D
Acq: 20 Nov 2025 16:58

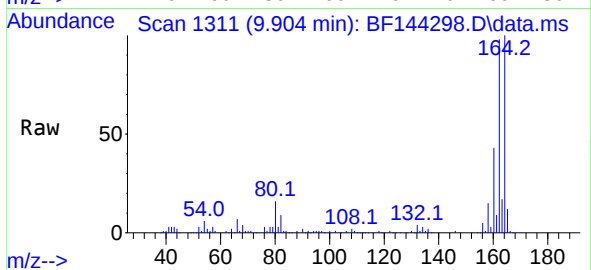
Tgt Ion:172 Resp: 295598
Ion Ratio Lower Upper
172 100
171 34.5 28.1 42.1
170 24.1 18.6 28.0



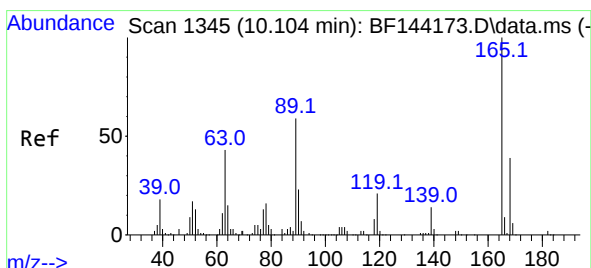
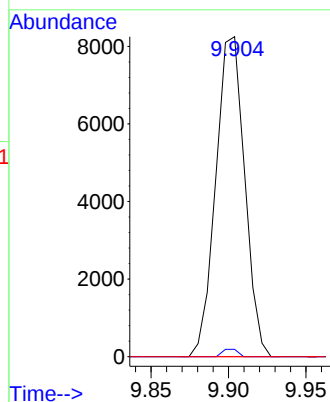
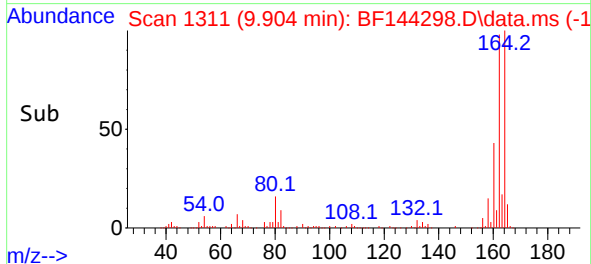


#51
2,6-Dinitrotoluene
Concen: 8.950 ng
RT: 9.904 min Scan# 1311
Delta R.T. 0.212 min
Lab File: BF144298.D
Acq: 20 Nov 2025 16:58

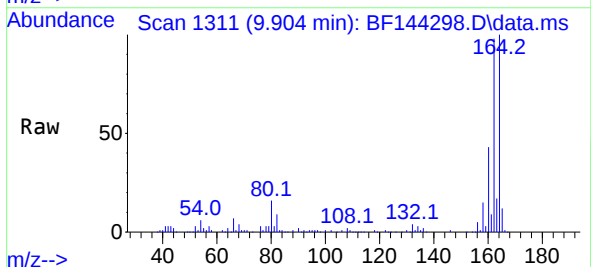
Instrument :
BNA_F
ClientSampleId :



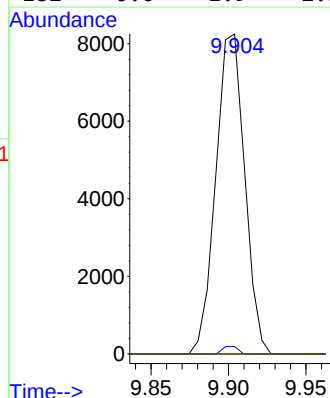
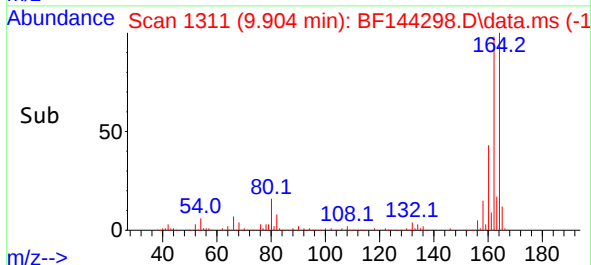
Tgt Ion:165 Resp: 10708
Ion Ratio Lower Upper
165 100
63 2.3 43.8 65.8#
89 0.0 37.5 56.3#

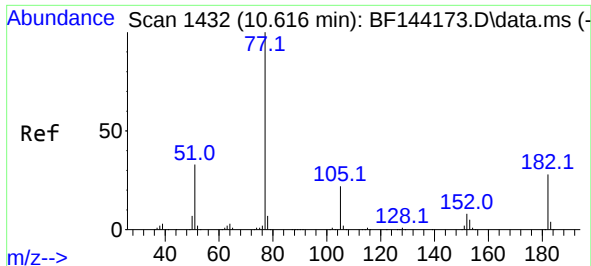


#57
2,4-Dinitrotoluene
Concen: 6.685 ng
RT: 9.904 min Scan# 1311
Delta R.T. -0.194 min
Lab File: BF144298.D
Acq: 20 Nov 2025 16:58



Tgt Ion:165 Resp: 10708
Ion Ratio Lower Upper
165 100
63 2.3 35.5 53.3#
89 0.0 47.4 71.2#
182 0.0 1.9 2.9#

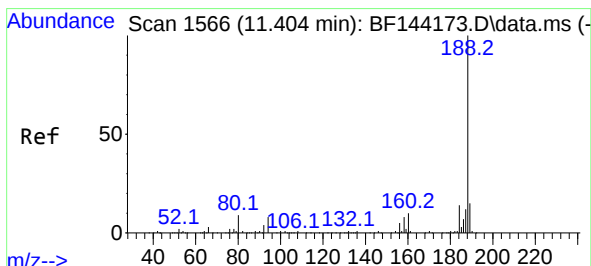
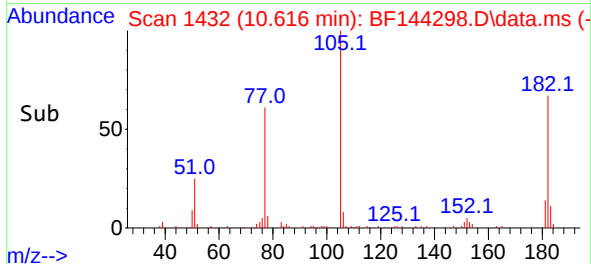
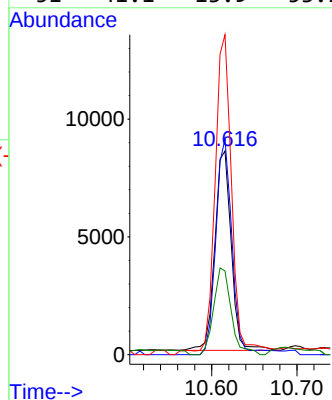
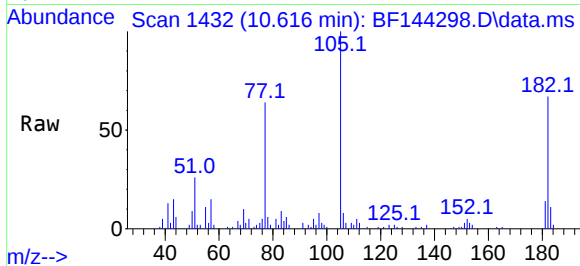




#63
Azobenzene
Concen: 2.224 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF144298.D
Acq: 20 Nov 2025 16:58

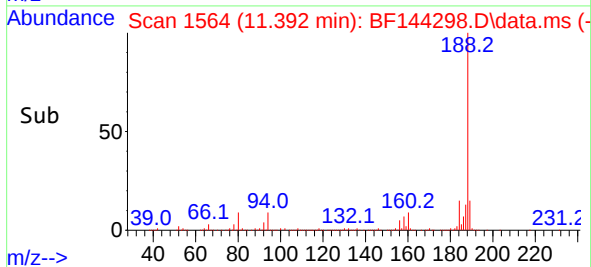
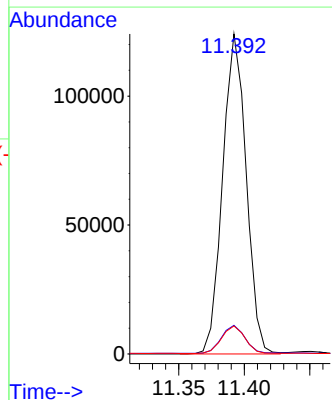
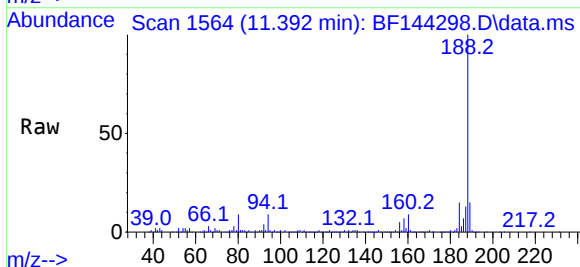
Instrument :
BNA_F
ClientSampleId :

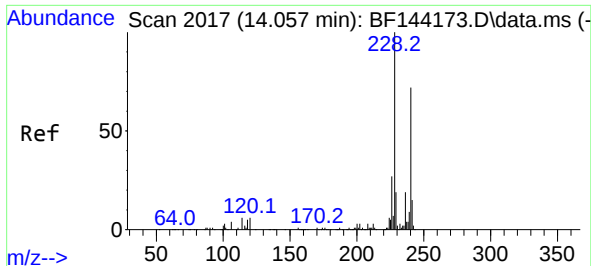
Tgt Ion: 77 Resp: 11276
Ion Ratio Lower Upper
77 100
182 105.9 8.1 48.1#
105 157.2 2.0 42.0#
51 41.1 13.9 53.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1564
Delta R.T. -0.012 min
Lab File: BF144298.D
Acq: 20 Nov 2025 16:58

Tgt Ion:188 Resp: 154841
Ion Ratio Lower Upper
188 100
94 8.9 6.2 9.2
80 8.7 6.9 10.3

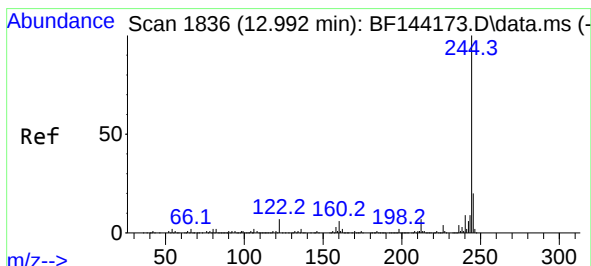
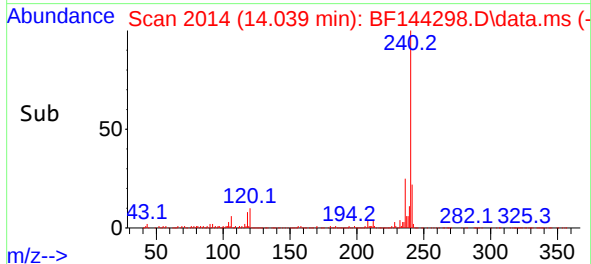
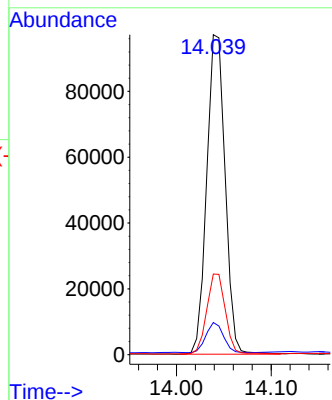
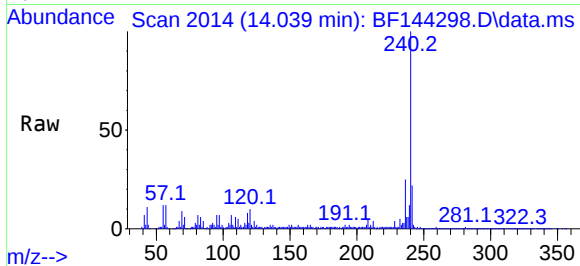




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF144298.D
Acq: 20 Nov 2025 16:58

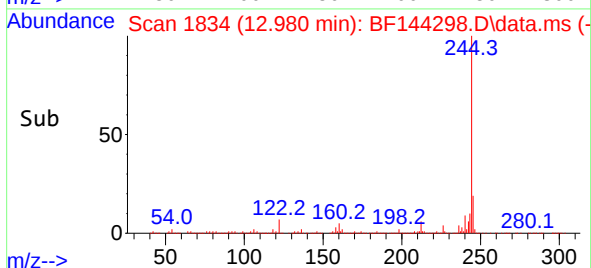
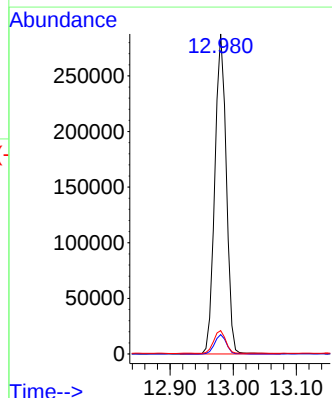
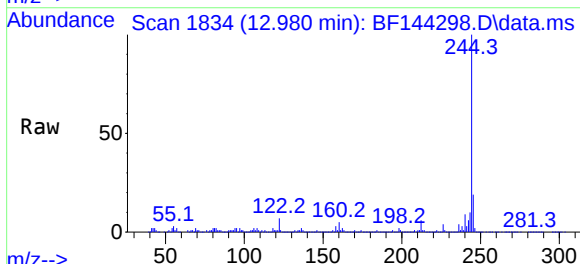
Instrument :
BNA_F
ClientSampleId :

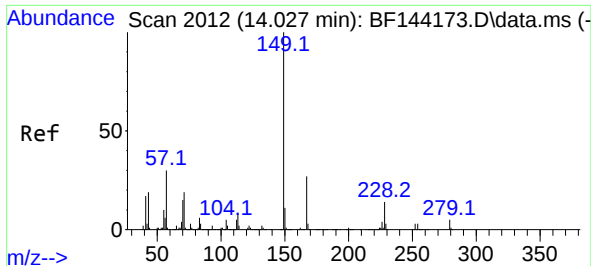
Tgt Ion:240 Resp: 131007
Ion Ratio Lower Upper
240 100
120 10.1 6.6 10.0#
236 25.2 21.4 32.2



#79
Terphenyl-d14
Concen: 44.074 ng
RT: 12.980 min Scan# 1834
Delta R.T. -0.012 min
Lab File: BF144298.D
Acq: 20 Nov 2025 16:58

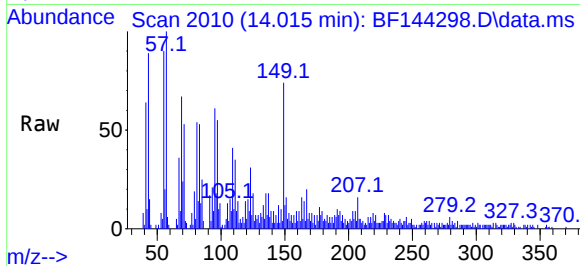
Tgt Ion:244 Resp: 363508
Ion Ratio Lower Upper
244 100
212 6.1 5.3 7.9
122 7.3 5.6 8.4



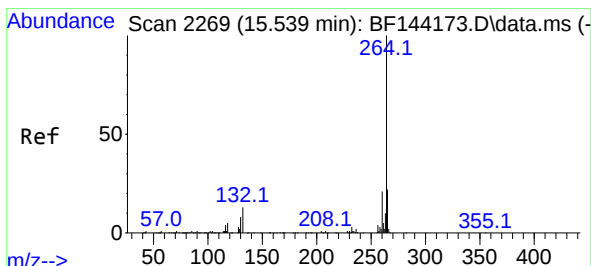
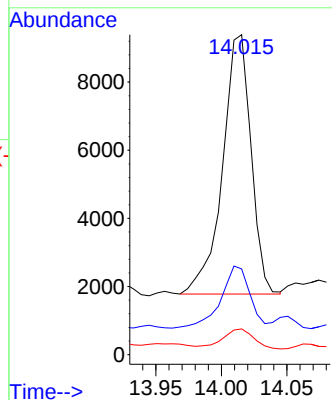
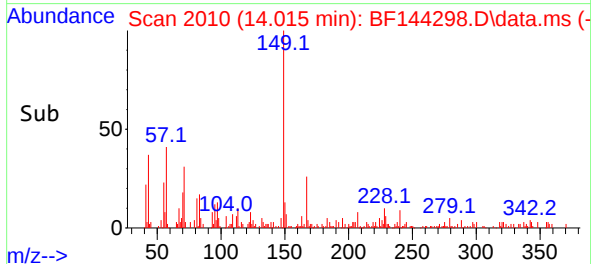


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.298 ng
RT: 14.015 min Scan# 2012
Delta R.T. -0.012 min
Lab File: BF144298.D
Acq: 20 Nov 2025 16:58

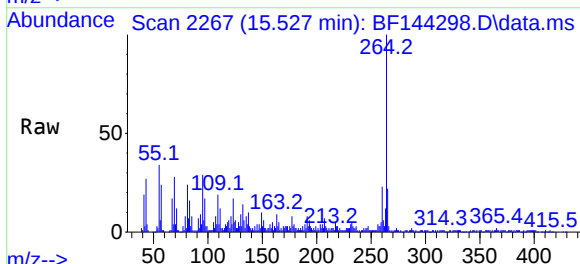
Instrument :
BNA_F
ClientSampleId :



Tgt Ion:149 Resp: 11517
Ion Ratio Lower Upper
149 100
167 26.8 21.8 32.8
279 8.0 3.7 5.5#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2267
Delta R.T. -0.012 min
Lab File: BF144298.D
Acq: 20 Nov 2025 16:58



Tgt Ion:264 Resp: 97995
Ion Ratio Lower Upper
264 100
260 23.3 17.1 25.7
265 21.7 17.4 26.0

