

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101025\
 Data File : BF143921.D
 Acq On : 10 Oct 2025 13:24
 Operator : RC/JU
 Sample : PB170055BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170055BL

Quant Time: Oct 10 14:52:27 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)

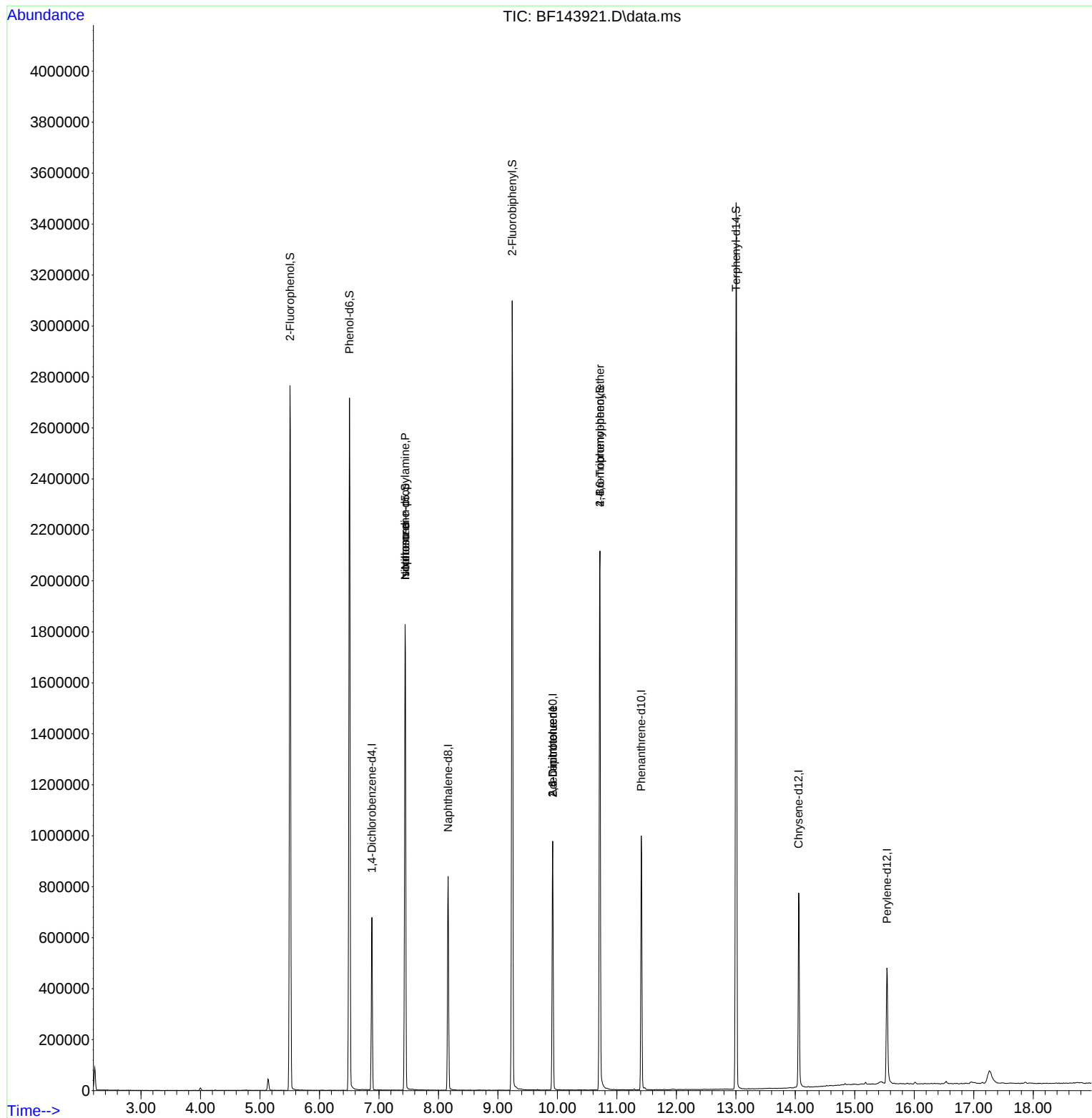
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	136492	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	545950	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	298735	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	543488	20.000	ng	0.00
76) Chrysene-d12	14.057	240	387902	20.000	ng	-0.01
86) Perylene-d12	15.539	264	313224	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1120553	130.368	ng	0.00
7) Phenol-d6	6.504	99	1297093	126.605	ng	-0.01
23) Nitrobenzene-d5	7.439	82	850033	94.594	ng	-0.02
42) 2,4,6-Tribromophenol	10.716	330	452061	151.930	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1584841	84.179	ng	-0.01
79) Terphenyl-d14	13.004	244	2000515	88.142	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	126872	18.091	ng	# 78
25) Isophorone	7.439	82	713472	37.655	ng	# 68
51) 2,6-Dinitrotoluene	9.922	165	36337	10.329	ng	# 26
57) 2,4-Dinitrotoluene	9.922	165	36337	7.592	ng	# 27
67) 4-Bromophenyl-phenylether	10.716	248	26109	4.347	ng	# 1

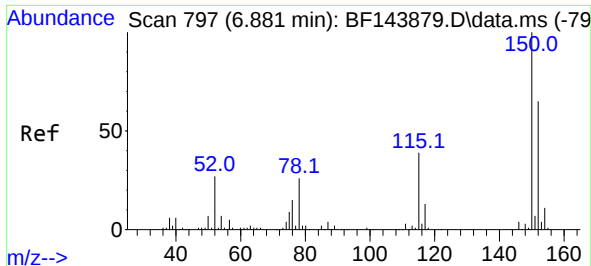
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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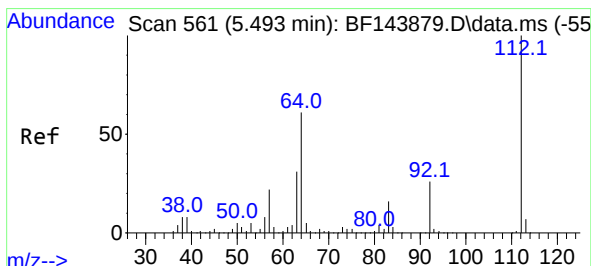
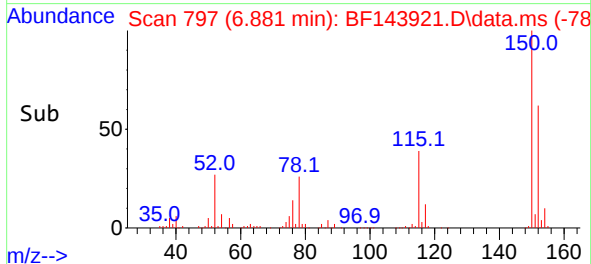
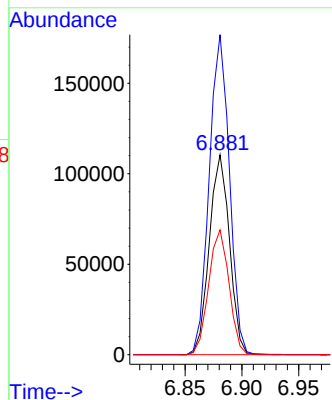
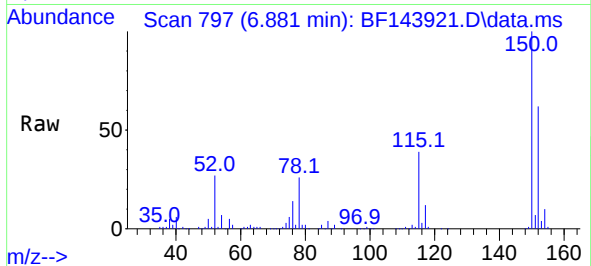




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143921.D
Acq: 10 Oct 2025 13:24

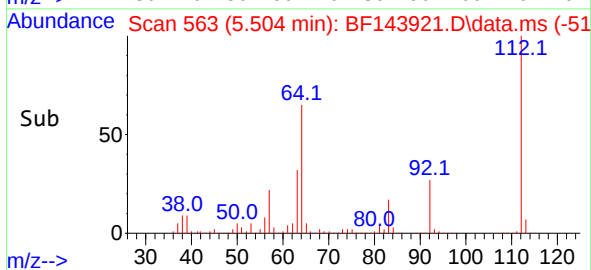
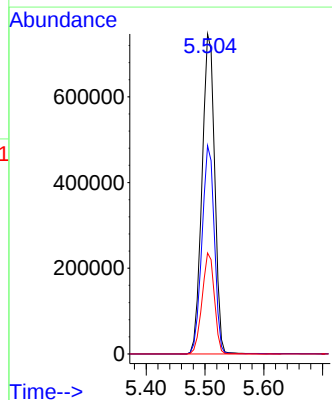
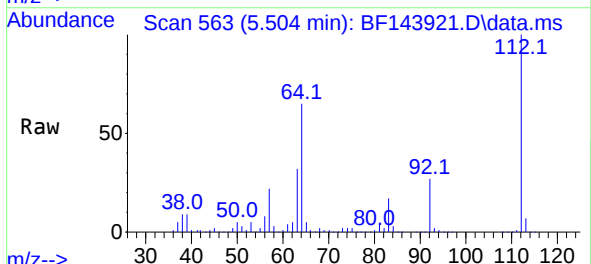
Instrument :
BNA_F
ClientSampleId :
PB170055BL

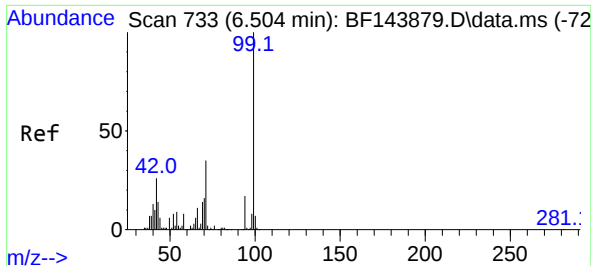
Tgt Ion:152 Resp: 136492
Ion Ratio Lower Upper
152 100
150 160.2 124.4 186.6
115 62.4 48.1 72.1



#5
2-Fluorophenol
Concen: 130.368 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF143921.D
Acq: 10 Oct 2025 13:24

Tgt Ion:112 Resp: 1120553
Ion Ratio Lower Upper
112 100
64 65.1 49.1 73.7
63 31.5 24.5 36.7

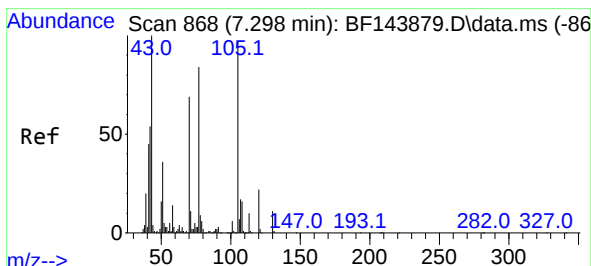
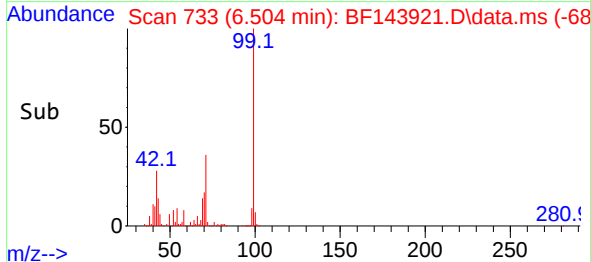
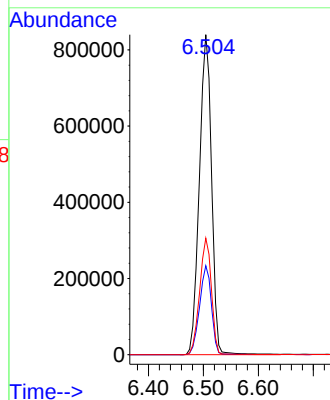
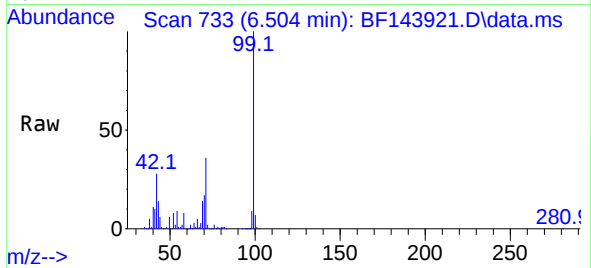




#7
Phenol-d6
Concen: 126.605 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF143921.D
Acq: 10 Oct 2025 13:24

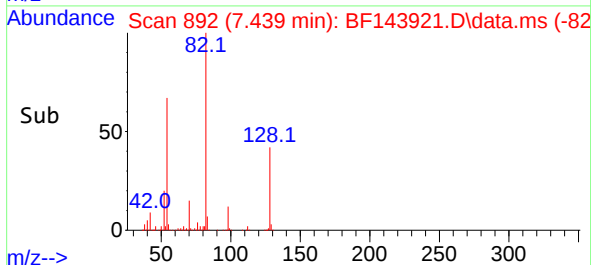
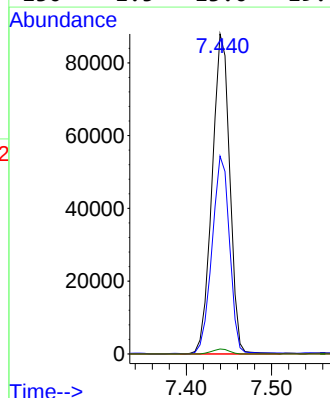
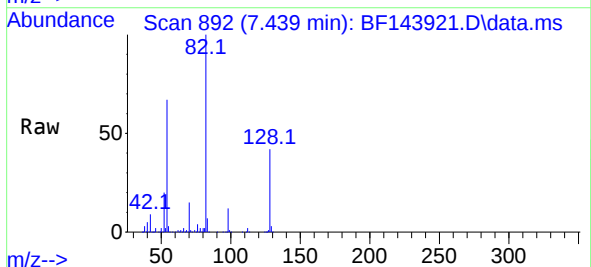
Instrument :
BNA_F
ClientSampleId :
PB170055BL

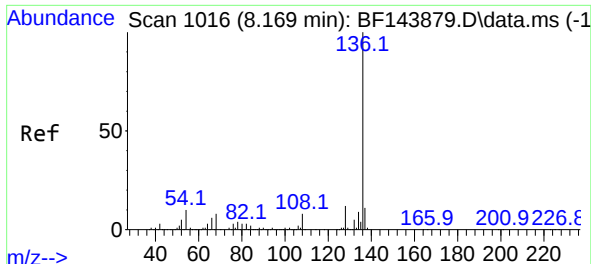
Tgt Ion: 99 Resp: 1297093
Ion Ratio Lower Upper
99 100
42 27.8 21.0 31.4
71 36.4 27.8 41.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.091 ng
RT: 7.439 min Scan# 892
Delta R.T. 0.124 min
Lab File: BF143921.D
Acq: 10 Oct 2025 13:24

Tgt Ion: 70 Resp: 126872
Ion Ratio Lower Upper
70 100
42 61.8 62.8 94.2#
101 0.0 6.7 10.1#
130 1.5 13.0 19.4#



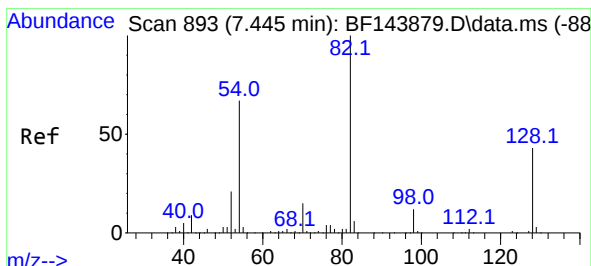
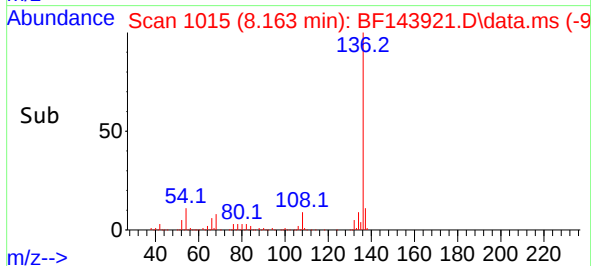
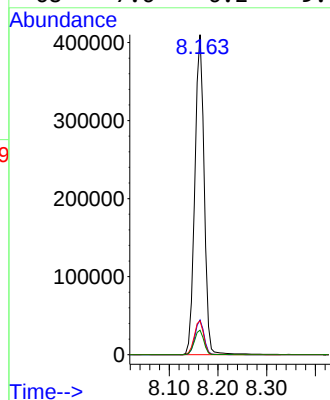
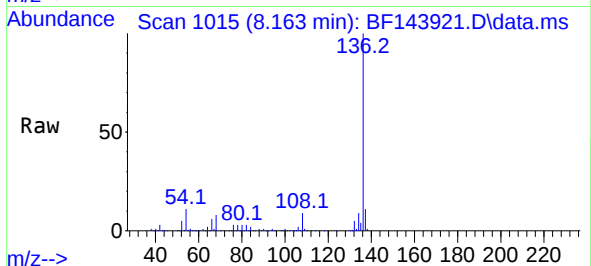


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143921.D
Acq: 10 Oct 2025 13:24

Instrument :
BNA_F
ClientSampleId :
PB170055BL

Tgt Ion:136 Resp: 545950

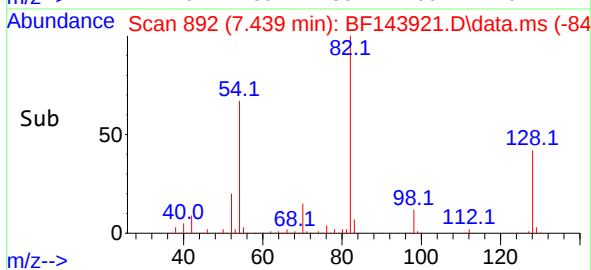
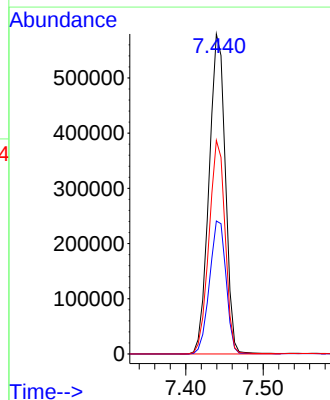
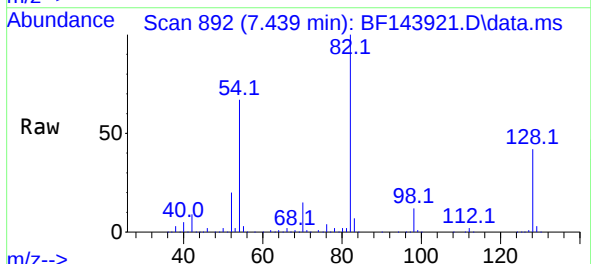
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	10.6	8.2	12.4
68	7.6	6.2	9.4

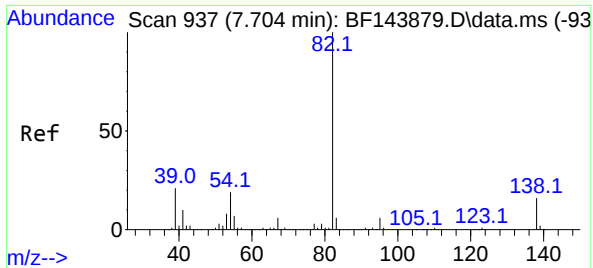


#23
Nitrobenzene-d5
Concen: 94.594 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.018 min
Lab File: BF143921.D
Acq: 10 Oct 2025 13:24

Tgt Ion: 82 Resp: 850033

Ion	Ratio	Lower	Upper
82	100		
128	41.6	34.0	51.0
54	66.8	53.2	79.8

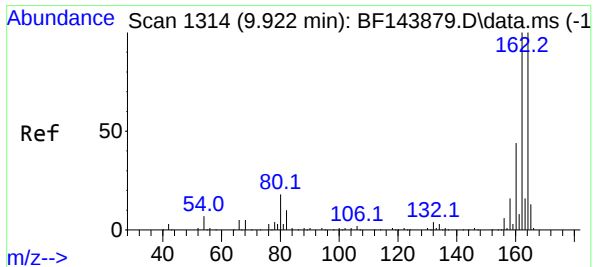
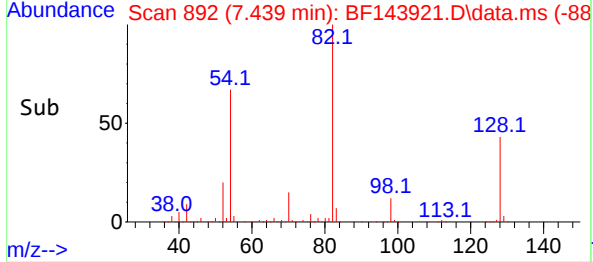
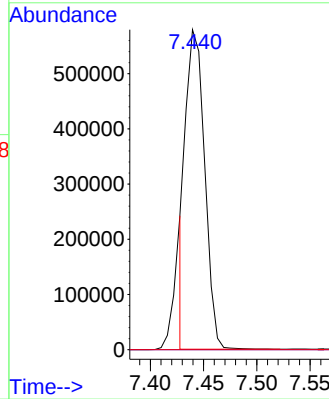
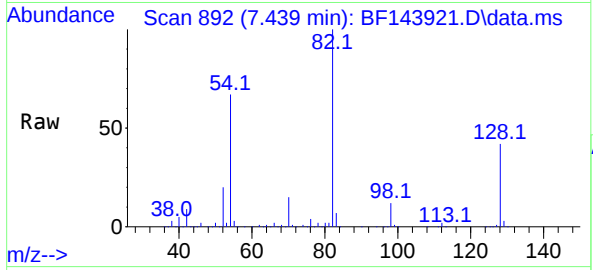




#25
Isophorone
Concen: 37.655 ng
RT: 7.439 min Scan# 89
Delta R.T. -0.282 min
Lab File: BF143921.D
Acq: 10 Oct 2025 13:24

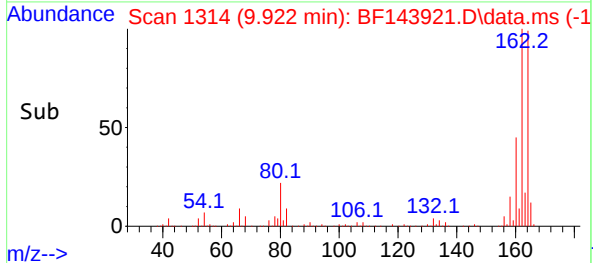
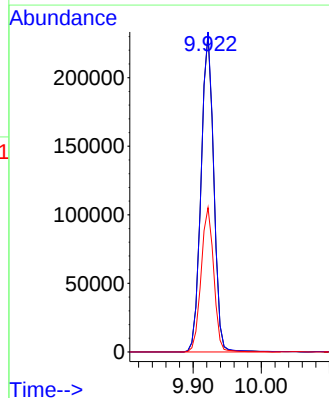
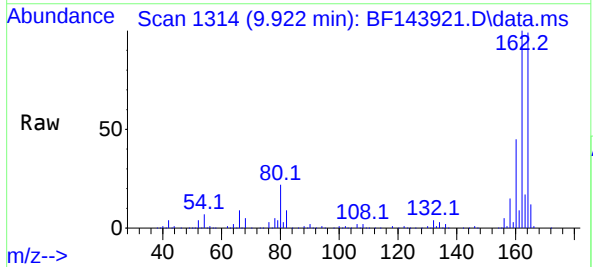
Instrument :
BNA_F
ClientSampleId :
PB170055BL

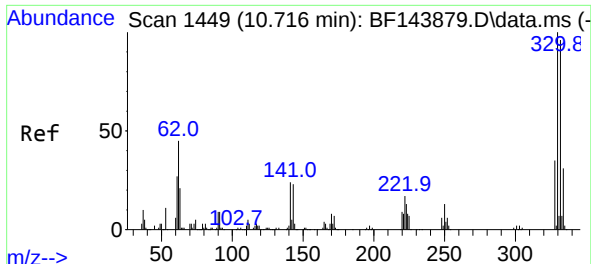
Tgt Ion: 82 Resp: 713472
Ion Ratio Lower Upper
82 100
95 0.0 5.1 7.7#
138 0.0 12.9 19.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BF143921.D
Acq: 10 Oct 2025 13:24

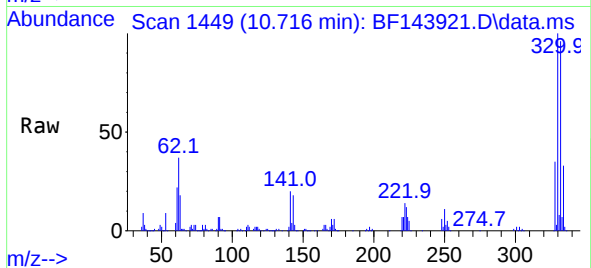
Tgt Ion:164 Resp: 298735
Ion Ratio Lower Upper
164 100
162 100.8 80.2 120.2
160 45.5 35.4 53.0



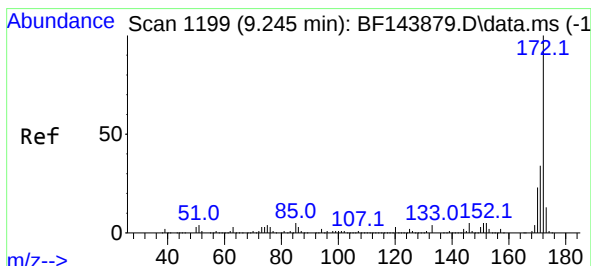
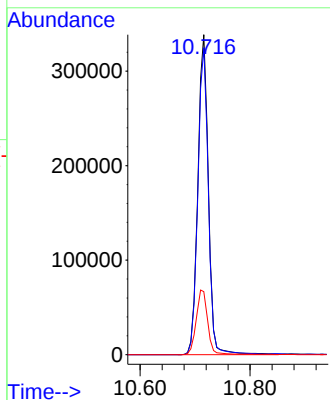
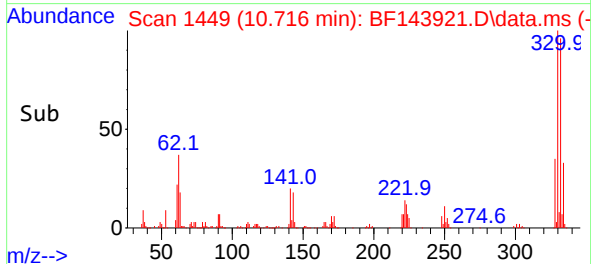


#42
2,4,6-Tribromophenol
Concen: 151.930 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143921.D
Acq: 10 Oct 2025 13:24

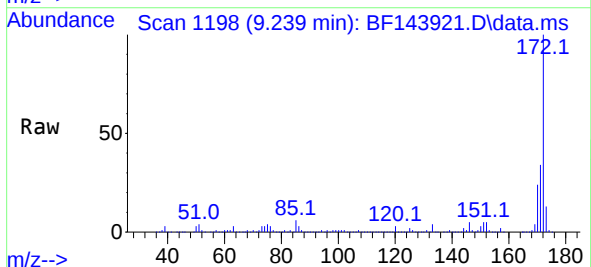
Instrument :
BNA_F
ClientSampleId :
PB170055BL



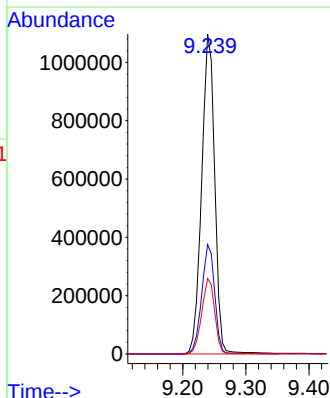
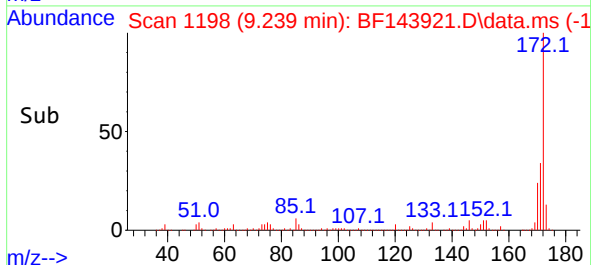
Tgt Ion:330 Resp: 452061
Ion Ratio Lower Upper
330 100
332 95.8 76.9 115.3
141 22.2 20.2 30.4

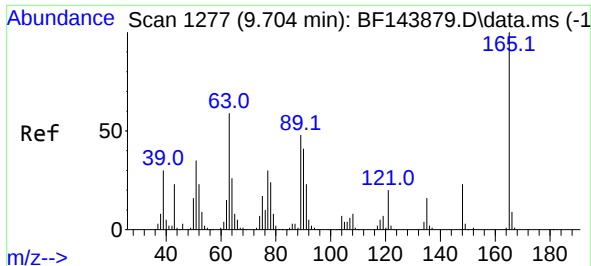


#45
2-Fluorobiphenyl
Concen: 84.179 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF143921.D
Acq: 10 Oct 2025 13:24



Tgt Ion:172 Resp: 1584841
Ion Ratio Lower Upper
172 100
171 34.2 27.4 41.0
170 23.6 18.6 28.0

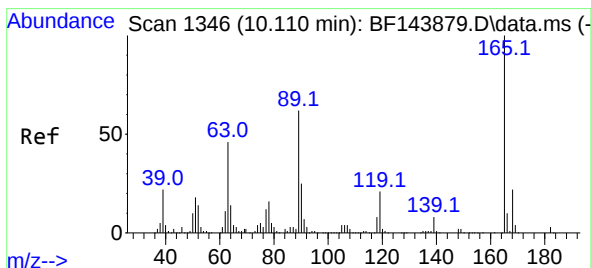
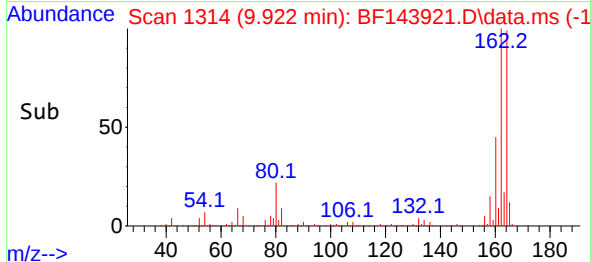
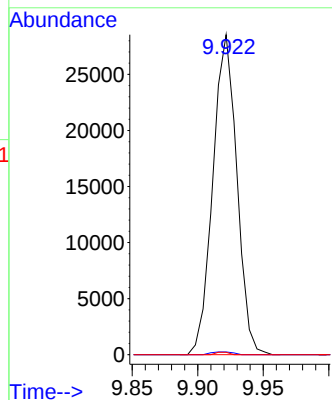
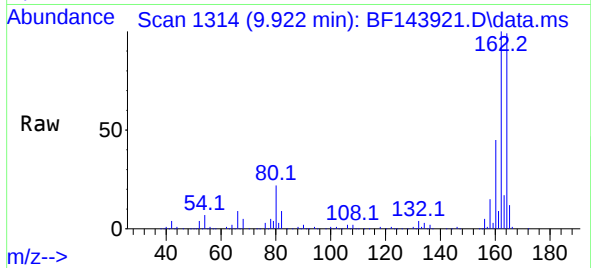




#51
2,6-Dinitrotoluene
Concen: 10.329 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF143921.D
Acq: 10 Oct 2025 13:24

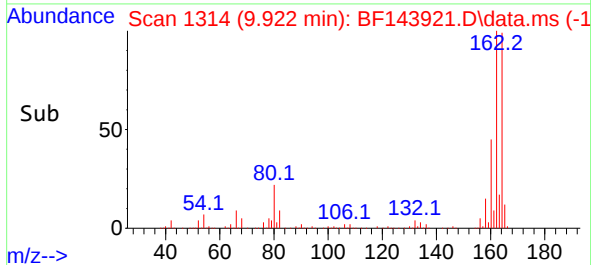
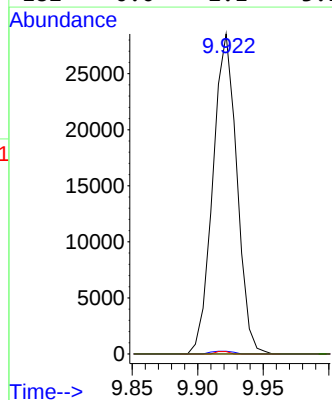
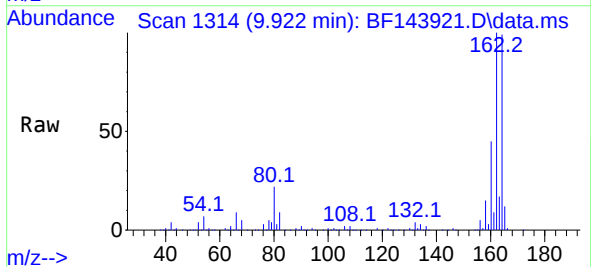
Instrument :
BNA_F
ClientSampleId :
PB170055BL

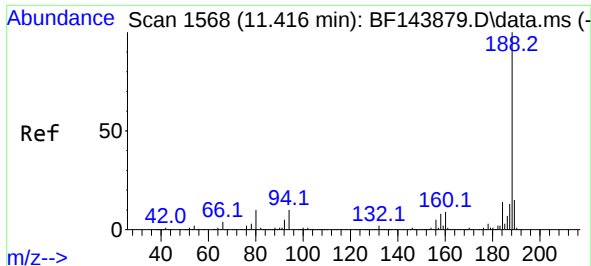
Tgt Ion:165 Resp: 36337
Ion Ratio Lower Upper
165 100
63 0.8 47.3 70.9#
89 0.8 38.2 57.4#



#57
2,4-Dinitrotoluene
Concen: 7.592 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.194 min
Lab File: BF143921.D
Acq: 10 Oct 2025 13:24

Tgt Ion:165 Resp: 36337
Ion Ratio Lower Upper
165 100
63 0.8 37.2 55.8#
89 0.8 49.4 74.2#
182 0.0 2.1 3.1#

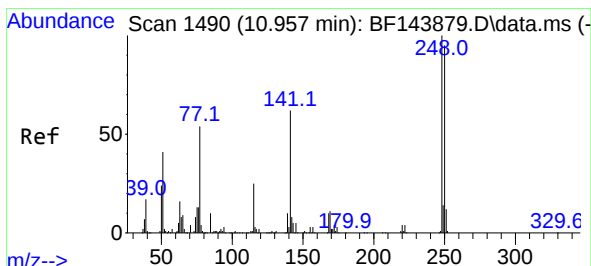
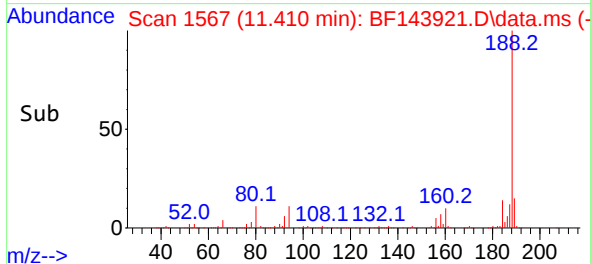
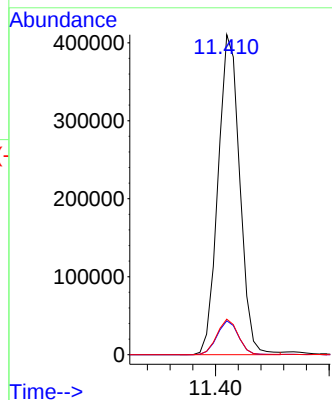
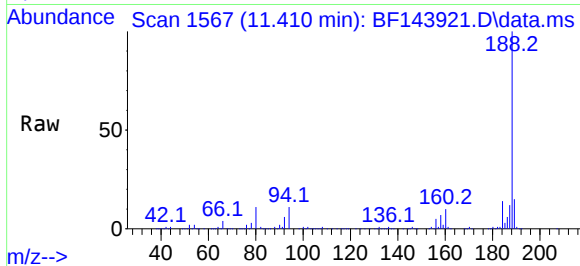




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143921.D
Acq: 10 Oct 2025 13:24

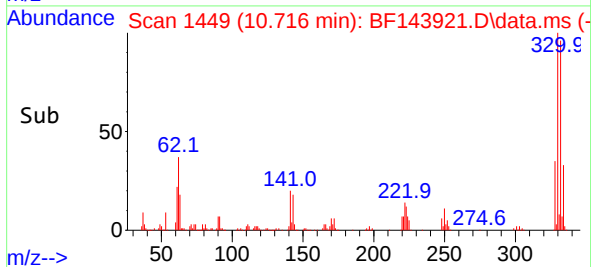
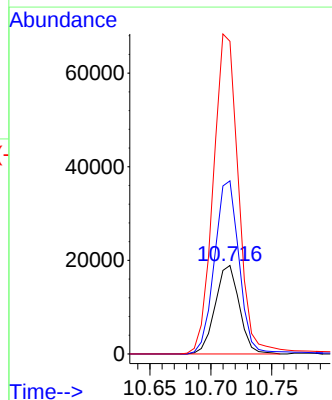
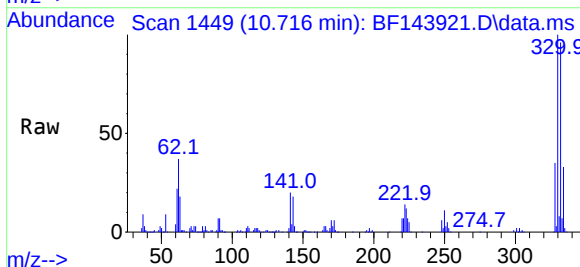
Instrument :
BNA_F
ClientSampleId :
PB170055BL

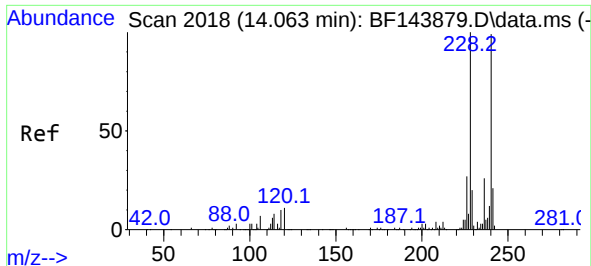
Tgt Ion:188 Resp: 543488
Ion Ratio Lower Upper
188 100
94 10.6 7.8 11.6
80 11.1 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 4.347 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.247 min
Lab File: BF143921.D
Acq: 10 Oct 2025 13:24

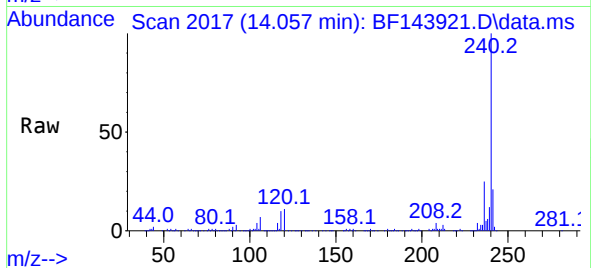
Tgt Ion:248 Resp: 26109
Ion Ratio Lower Upper
248 100
250 195.6 76.3 114.5#
141 353.1 49.7 74.5#



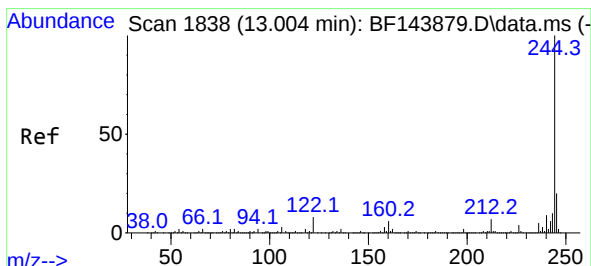
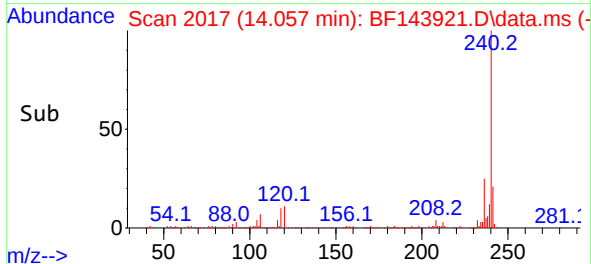
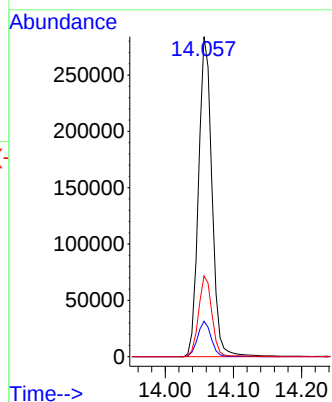


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 20
Delta R.T. -0.011 min
Lab File: BF143921.D
Acq: 10 Oct 2025 13:24

Instrument :
BNA_F
ClientSampleId :
PB170055BL

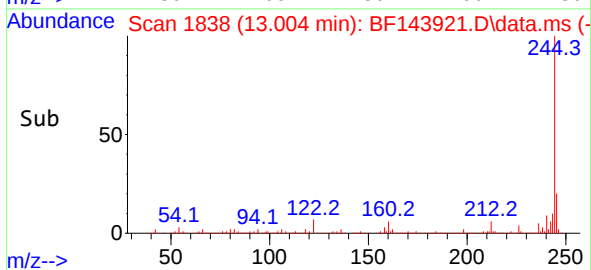
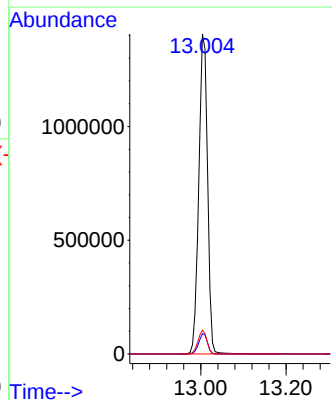
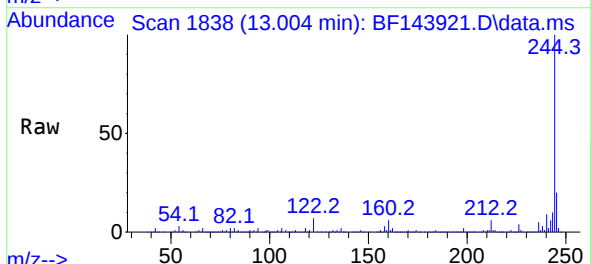


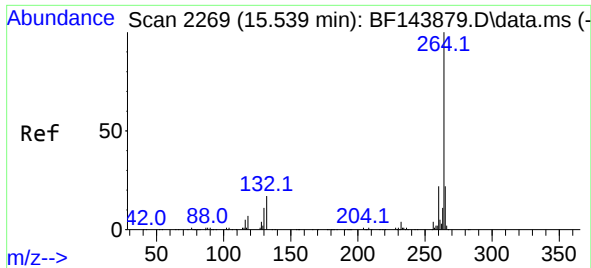
Tgt Ion:240 Resp: 387902
Ion Ratio Lower Upper
240 100
120 11.0 8.6 13.0
236 25.3 21.1 31.7



#79
Terphenyl-d14
Concen: 88.142 ng
RT: 13.004 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF143921.D
Acq: 10 Oct 2025 13:24

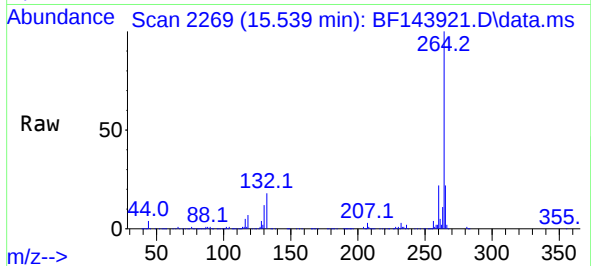
Tgt Ion:244 Resp: 2000515
Ion Ratio Lower Upper
244 100
212 6.4 5.4 8.0
122 7.4 6.4 9.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143921.D
Acq: 10 Oct 2025 13:24

Instrument :
BNA_F
ClientSampleId :
PB170055BL



Tgt Ion:264 Resp: 313224

Ion	Ratio	Lower	Upper
264	100		
260	22.0	17.8	26.8
265	22.2	17.5	26.3

