

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
 Data File : BF141497.D
 Acq On : 07 Feb 2025 10:21
 Operator : RC/JU
 Sample : PB166588BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166588BL

Quant Time: Feb 07 11:03:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

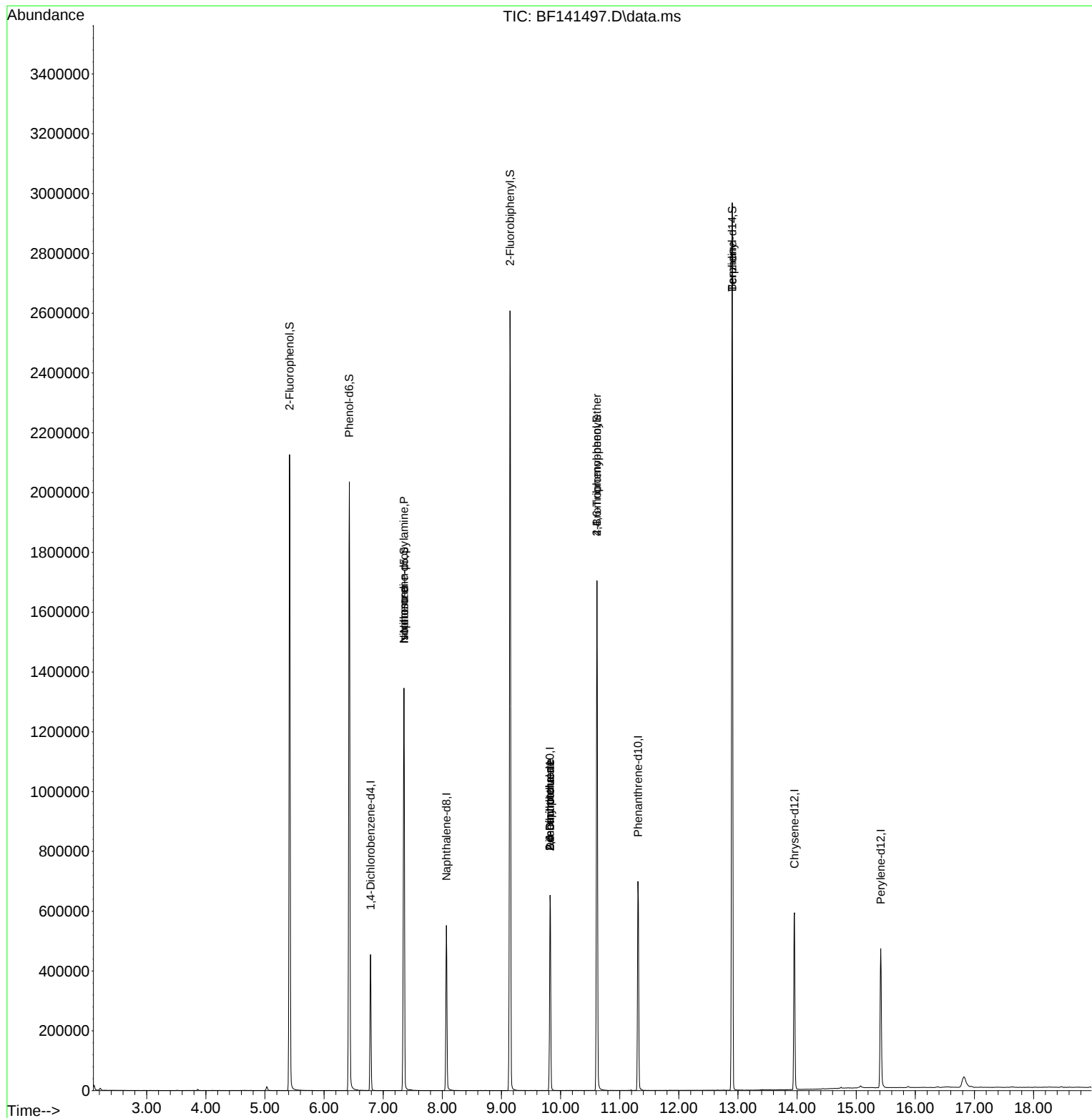
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	90288	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	361625	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	203724	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	372488	20.000	ng	0.00
76) Chrysene-d12	13.957	240	311336	20.000	ng	0.00
86) Perylene-d12	15.415	264	280589	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	755388	131.164	ng	0.00
7) Phenol-d6	6.428	99	941669	129.367	ng	-0.01
23) Nitrobenzene-d5	7.351	82	630090	90.880	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	276066	134.897	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1197010	90.523	ng	0.00
79) Terphenyl-d14	12.904	244	1497254	81.186	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	85343	19.601	ng	# 77
25) Isophorone	7.351	82	612653	55.419	ng	# 66
50) Dimethylphthalate	9.822	163	28050	2.028	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	26718	8.837	ng	# 23
57) 2,4-Dinitrotoluene	9.822	165	26718	6.638	ng	# 19
67) 4-Bromophenyl-phenylether	10.616	248	18699	4.492	ng	# 1
77) Benzidine	12.904	184	20051	2.920	ng	# 92

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

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
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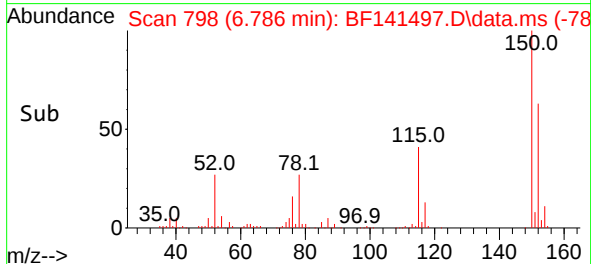
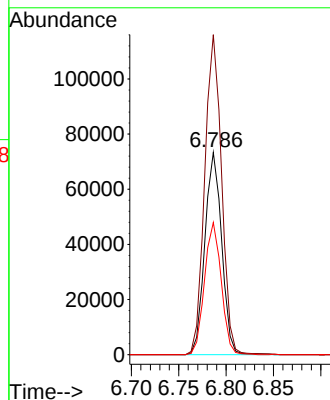
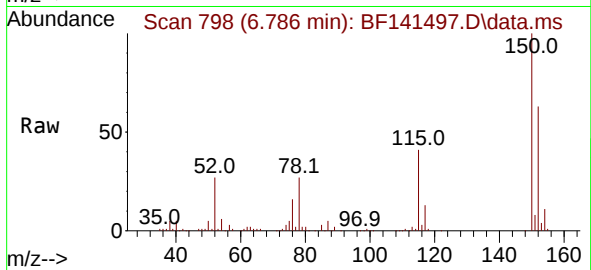




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF141497.D
Acq: 07 Feb 2025 10:21

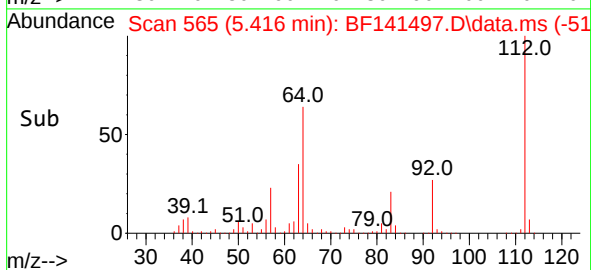
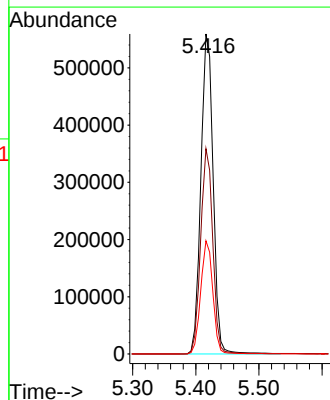
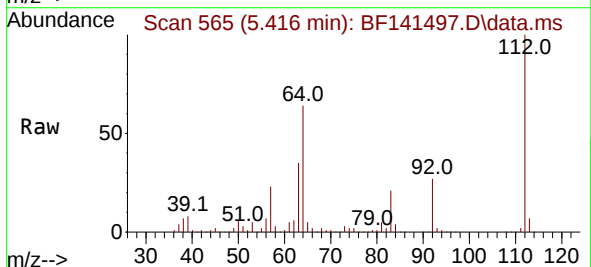
Instrument :
BNA_F
ClientSampleId :
PB166588BL

Tgt Ion:152 Resp: 90288
Ion Ratio Lower Upper
152 100
150 158.2 125.0 187.4
115 65.3 53.6 80.4



#5
2-Fluorophenol
Concen: 131.164 ng
RT: 5.416 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF141497.D
Acq: 07 Feb 2025 10:21

Tgt Ion:112 Resp: 755388
Ion Ratio Lower Upper
112 100
64 64.2 51.1 76.7
63 35.3 28.4 42.6





#7
Phenol-d6
Concen: 129.367 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141497.D
Acq: 07 Feb 2025 10:21

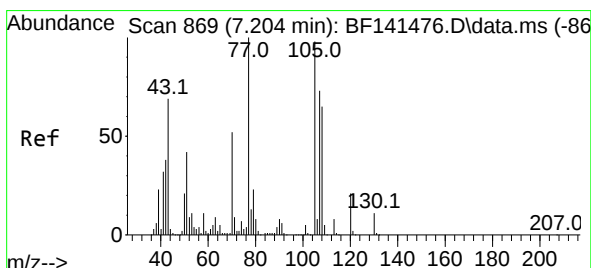
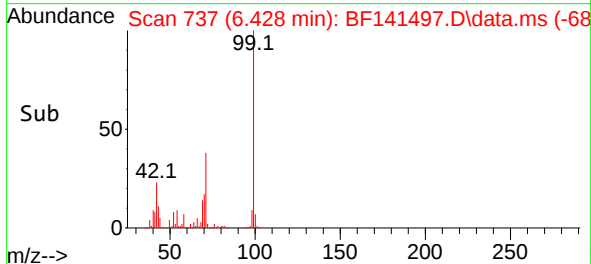
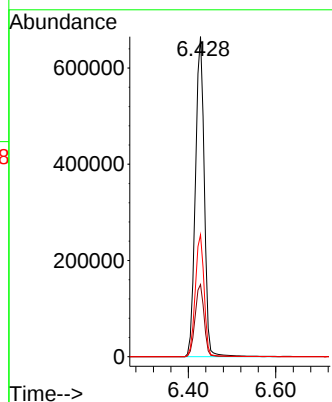
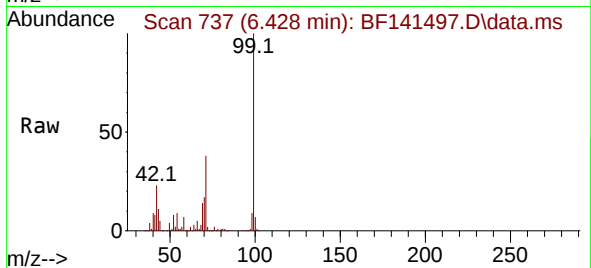
Instrument :

BNA_F

ClientSampleId :

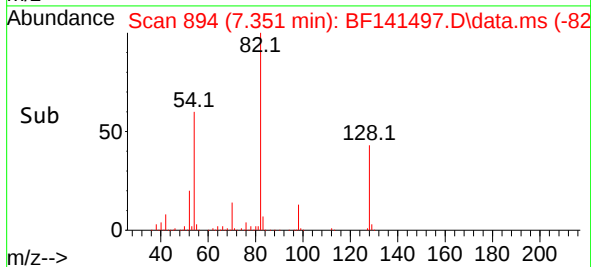
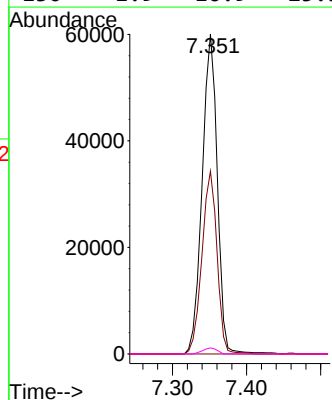
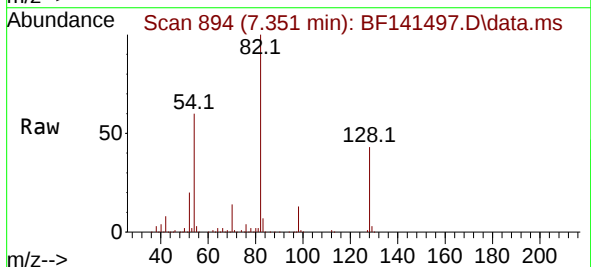
PB166588BL

Tgt Ion: 99 Resp: 941669
Ion Ratio Lower Upper
99 100
42 22.6 19.1 28.7
71 38.1 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 19.601 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF141497.D
Acq: 07 Feb 2025 10:21

Tgt Ion: 70 Resp: 85343
Ion Ratio Lower Upper
70 100
42 57.1 57.4 86.2#
101 0.0 8.0 12.0#
130 1.9 16.9 25.3#

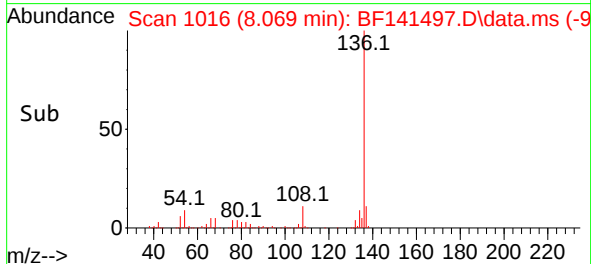
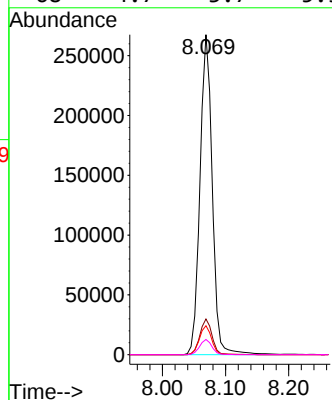
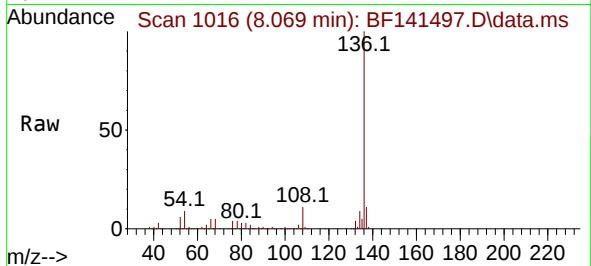




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141497.D
Acq: 07 Feb 2025 10:21

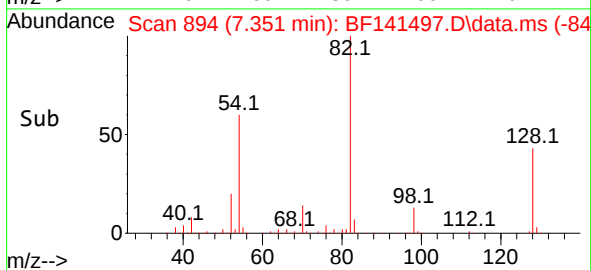
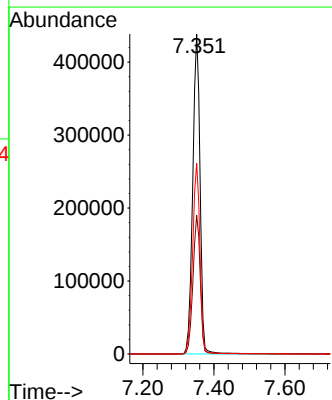
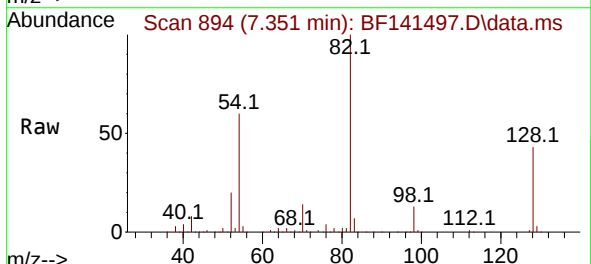
Instrument :
BNA_F
ClientSampleId :
PB166588BL

Tgt Ion:136 Resp: 361625
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 9.1 7.2 10.8
68 4.7 3.7 5.5



#23
Nitrobenzene-d5
Concen: 90.880 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF141497.D
Acq: 07 Feb 2025 10:21

Tgt Ion: 82 Resp: 630090
Ion Ratio Lower Upper
82 100
128 43.4 34.8 52.2
54 59.6 48.2 72.4

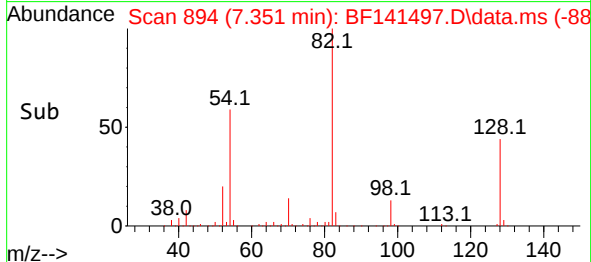
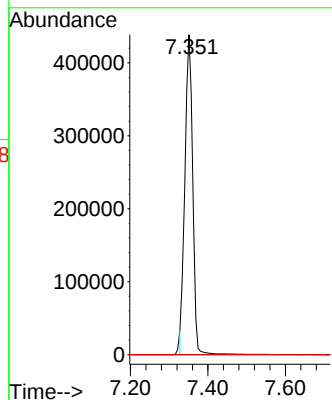
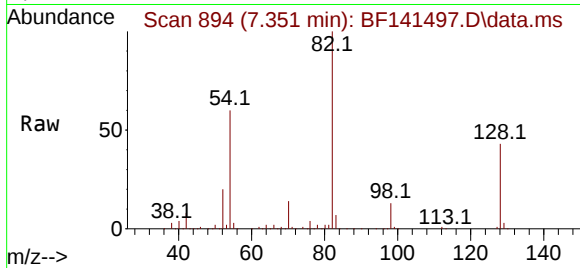




#25
Isophorone
Concen: 55.419 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.271 min
Lab File: BF141497.D
Acq: 07 Feb 2025 10:21

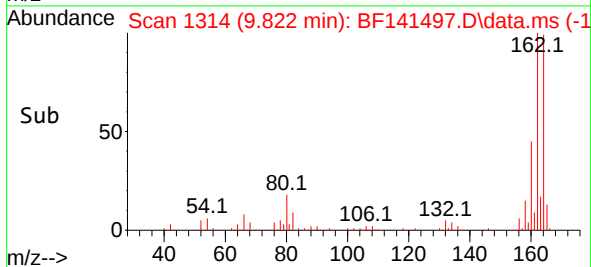
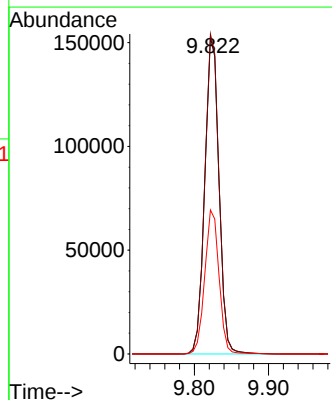
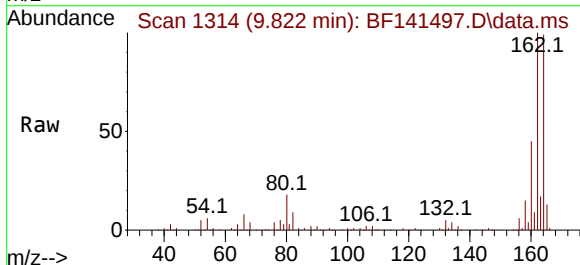
Instrument :
BNA_F
ClientSampleId :
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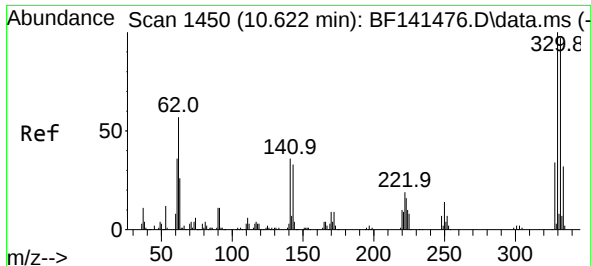
Tgt Ion: 82 Resp: 612653
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF141497.D
Acq: 07 Feb 2025 10:21

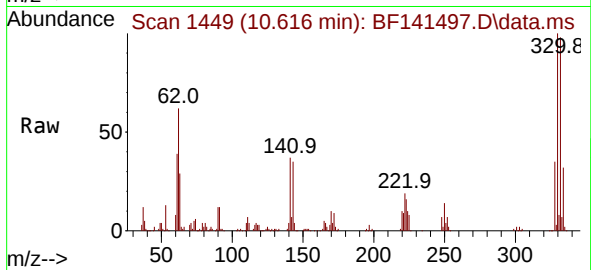
Tgt Ion: 164 Resp: 203724
Ion Ratio Lower Upper
164 100
162 101.0 81.3 121.9
160 45.4 35.9 53.9



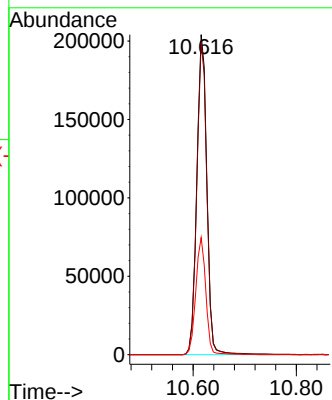
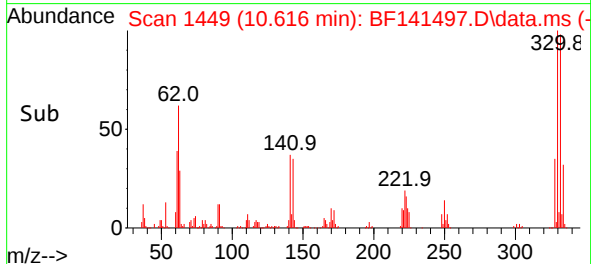


#42
2,4,6-Tribromophenol
Concen: 134.897 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF141497.D
Acq: 07 Feb 2025 10:21

Instrument :
BNA_F
ClientSampleId :
PB166588BL

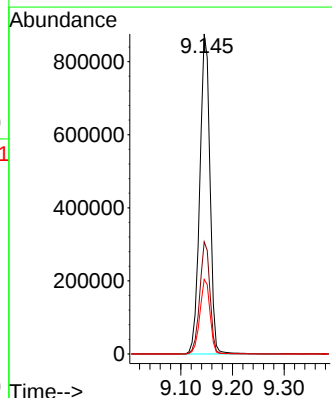
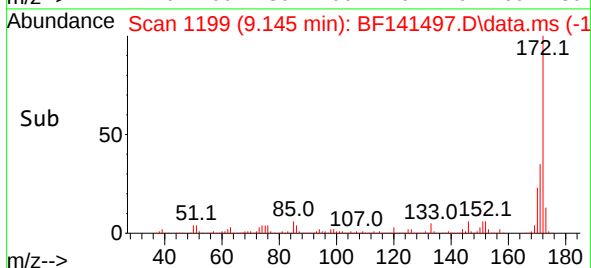
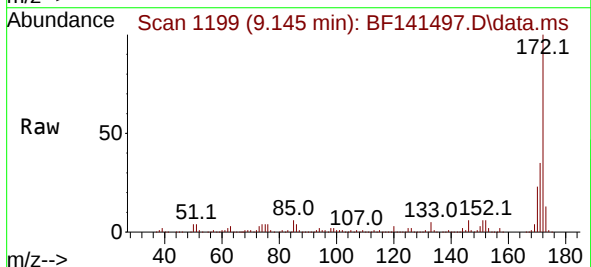


Tgt Ion:330 Resp: 276066
Ion Ratio Lower Upper
330 100
332 97.2 78.5 117.7
141 36.5 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 90.523 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF141497.D
Acq: 07 Feb 2025 10:21

Tgt Ion:172 Resp: 1197010
Ion Ratio Lower Upper
172 100
171 35.1 28.7 43.1
170 23.3 18.9 28.3

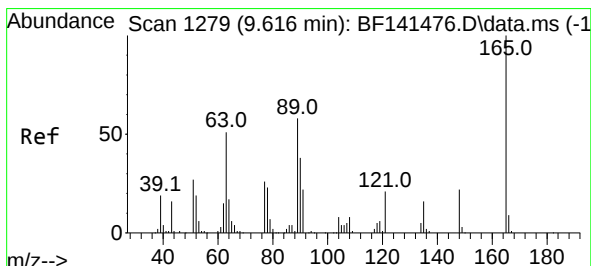
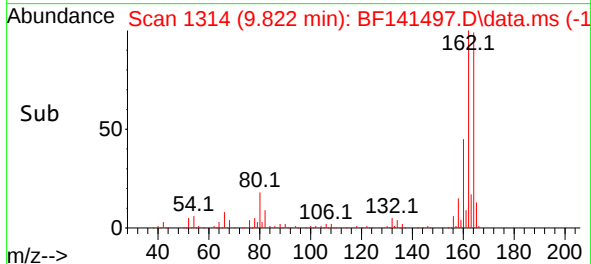
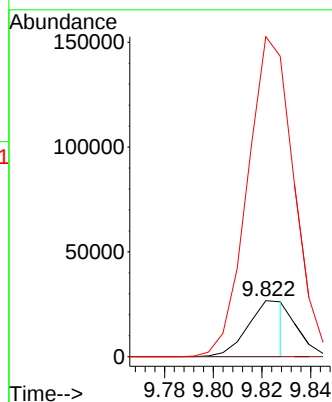
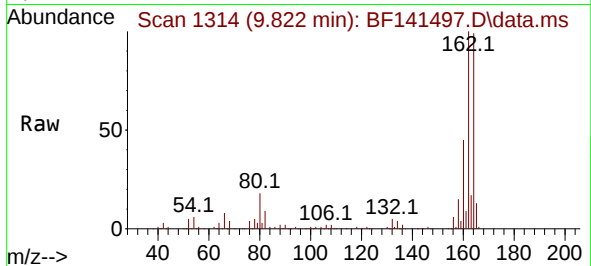




#50
Dimethylphthalate
Concen: 2.028 ng
RT: 9.822 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF141497.D
Acq: 07 Feb 2025 10:21

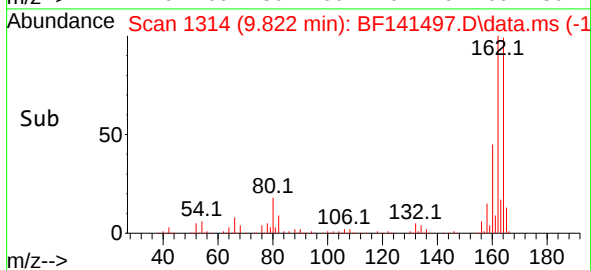
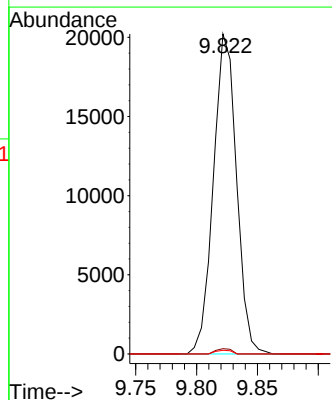
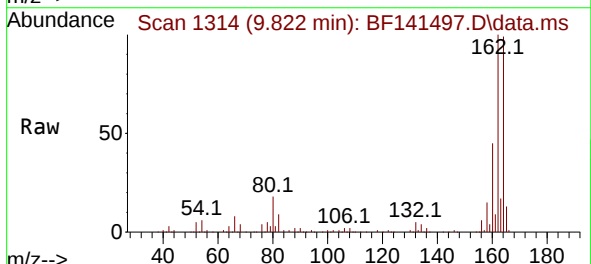
Instrument :
BNA_F
ClientSampleId :
PB166588BL

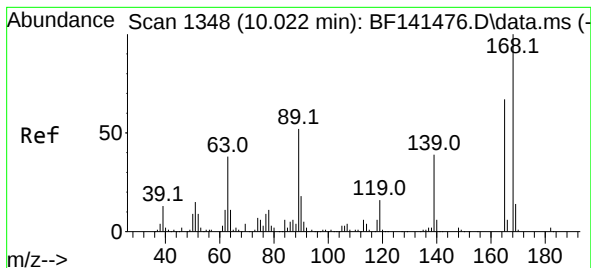
Tgt Ion:163 Resp: 28050
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 571.4 7.9 11.9#



#51
2,6-Dinitrotoluene
Concen: 8.837 ng
RT: 9.822 min Scan# 1314
Delta R.T. 0.200 min
Lab File: BF141497.D
Acq: 07 Feb 2025 10:21

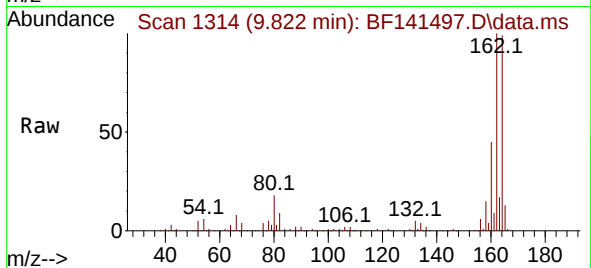
Tgt Ion:165 Resp: 26718
Ion Ratio Lower Upper
165 100
63 1.7 49.4 74.0#
89 1.1 46.5 69.7#



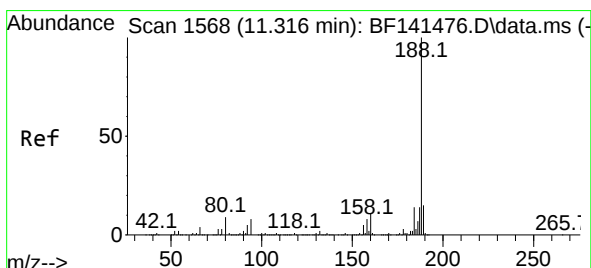
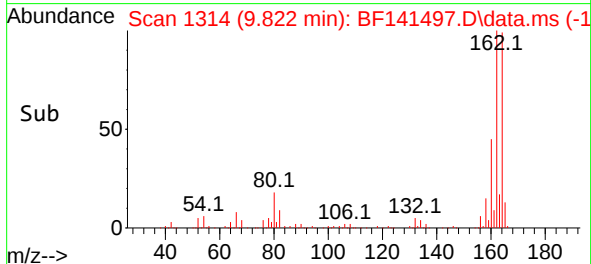
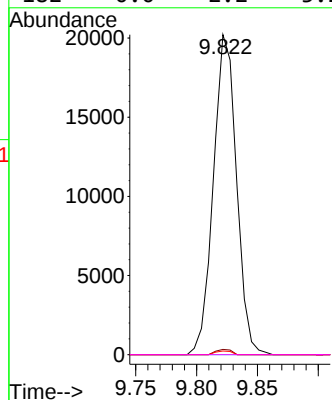


#57
2,4-Dinitrotoluene
Concen: 6.638 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF141497.D
Acq: 07 Feb 2025 10:21

Instrument :
BNA_F
ClientSampleId :
PB166588BL

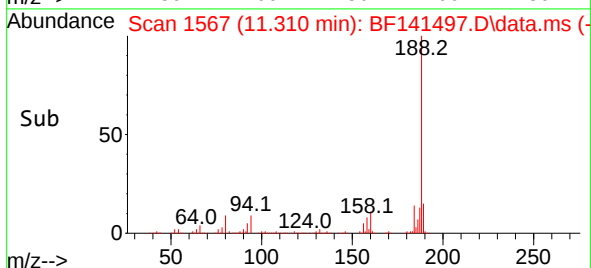
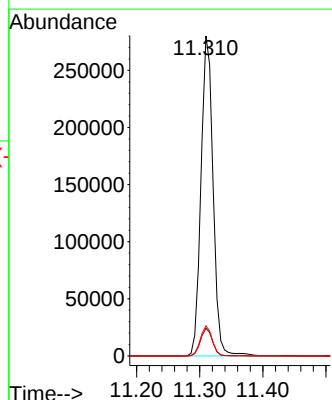
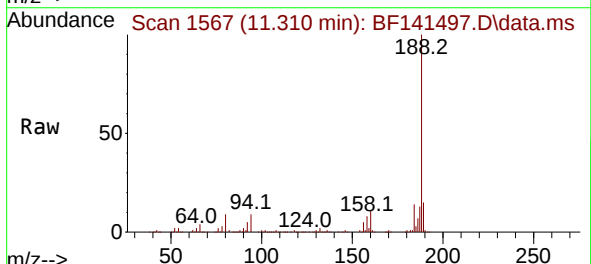


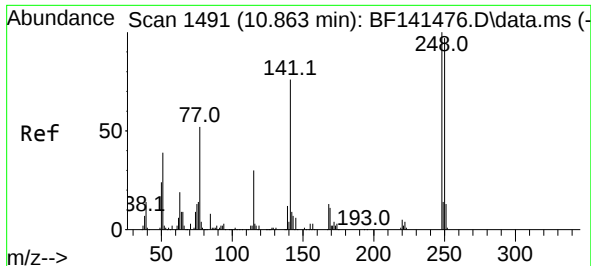
Tgt Ion:	165	Resp:	26718
Ion	Ratio	Lower	Upper
165	100		
63	1.7	46.4	69.6#
89	1.1	61.8	92.6#
182	0.0	2.2	3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF141497.D
Acq: 07 Feb 2025 10:21

Tgt Ion:	188	Resp:	372488
Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.6	10.0
80	9.4	7.3	10.9

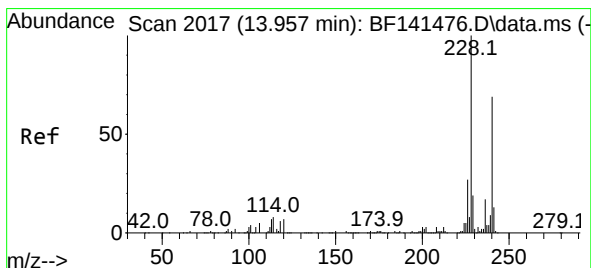
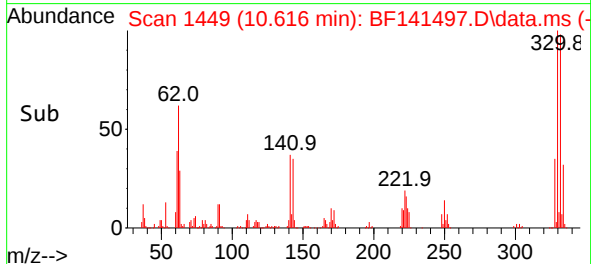
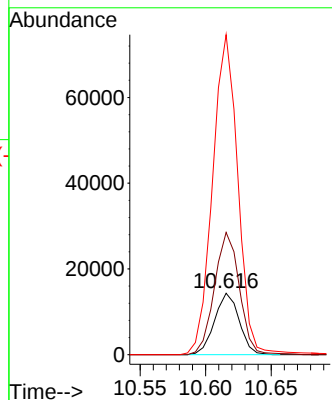
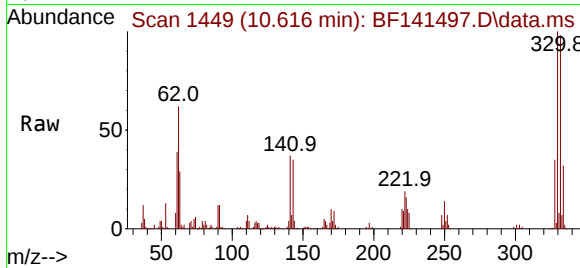




#67
4-Bromophenyl-phenylether
Concen: 4.492 ng
RT: 10.616 min Scan# 1491
Delta R.T. -0.247 min
Lab File: BF141497.D
Acq: 07 Feb 2025 10:21

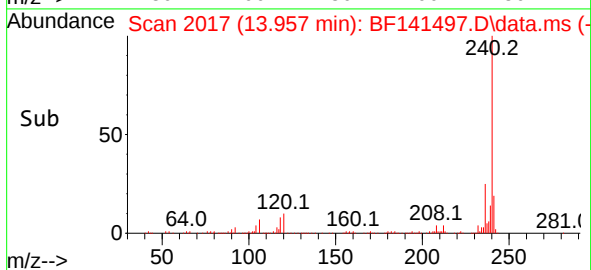
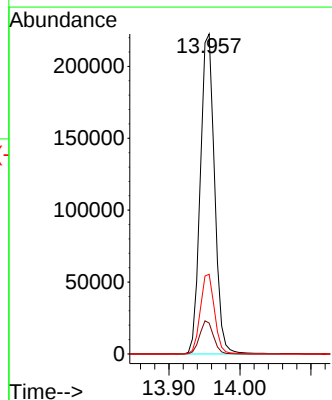
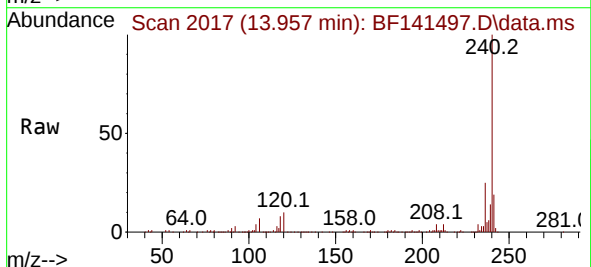
Instrument :
BNA_F
ClientSampleId :
PB166588BL

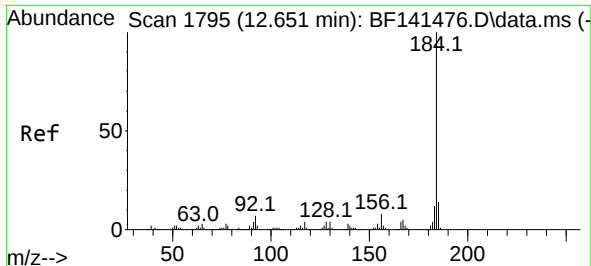
Tgt Ion:248 Resp: 18699
Ion Ratio Lower Upper
248 100
250 199.2 77.8 116.6#
141 521.2 60.6 90.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF141497.D
Acq: 07 Feb 2025 10:21

Tgt Ion:240 Resp: 311336
Ion Ratio Lower Upper
240 100
120 9.7 8.0 12.0
236 24.9 19.8 29.8

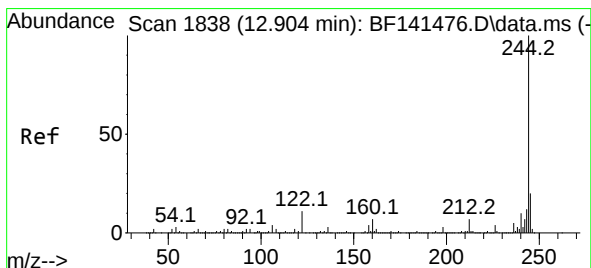
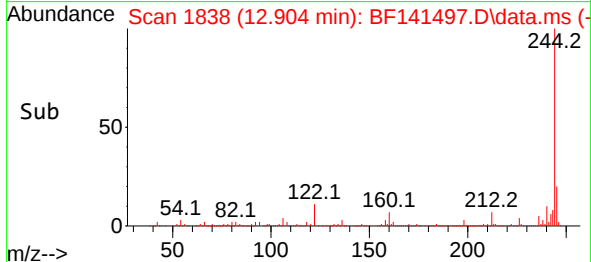
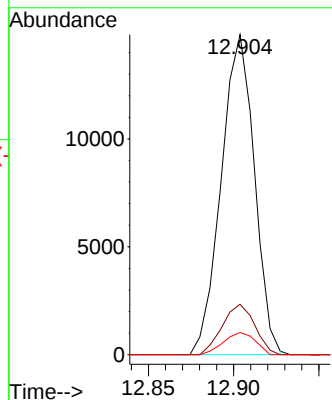
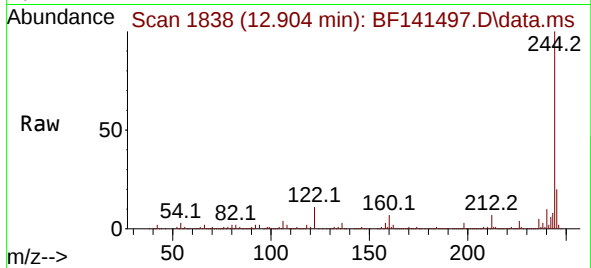




#77
Benzidine
Concen: 2.920 ng
RT: 12.904 min Scan# 1838
Delta R.T. 0.247 min
Lab File: BF141497.D
Acq: 07 Feb 2025 10:21

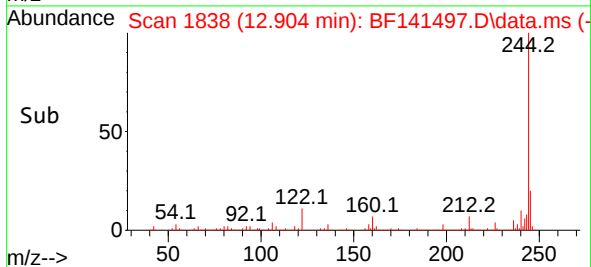
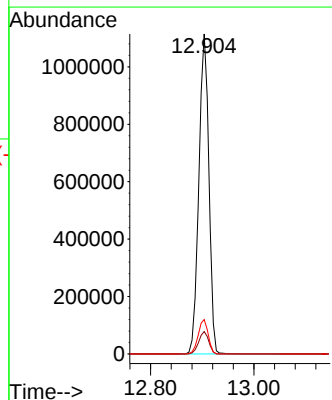
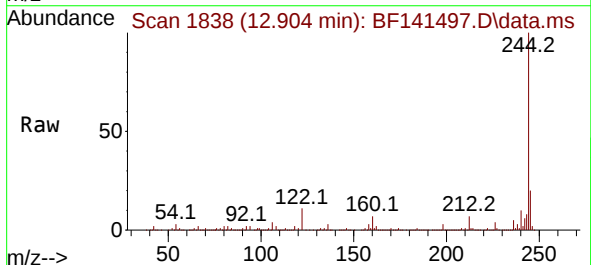
Instrument :
BNA_F
ClientSampleId :
PB166588BL

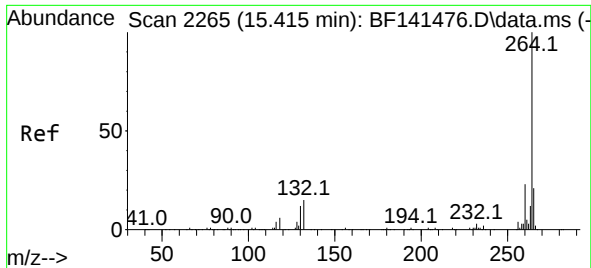
Tgt Ion:184 Resp: 20051
Ion Ratio Lower Upper
184 100
185 15.8 11.3 16.9
183 6.9 9.3 13.9#



#79
Terphenyl-d14
Concen: 81.186 ng
RT: 12.904 min Scan# 1838
Delta R.T. 0.000 min
Lab File: BF141497.D
Acq: 07 Feb 2025 10:21

Tgt Ion:244 Resp: 1497254
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 10.7 8.4 12.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF141497.D
 Acq: 07 Feb 2025 10:21

Instrument :
 BNA_F
 ClientSampleId :
 PB166588BL

Tgt Ion:264 Resp: 280589
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 28.0
 265 21.3 17.0 25.4

