

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012225\
 Data File : BF141237.D
 Acq On : 22 Jan 2025 14:50
 Operator : RC/JU
 Sample : PB166167BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166167BL

Quant Time: Jan 22 15:27:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

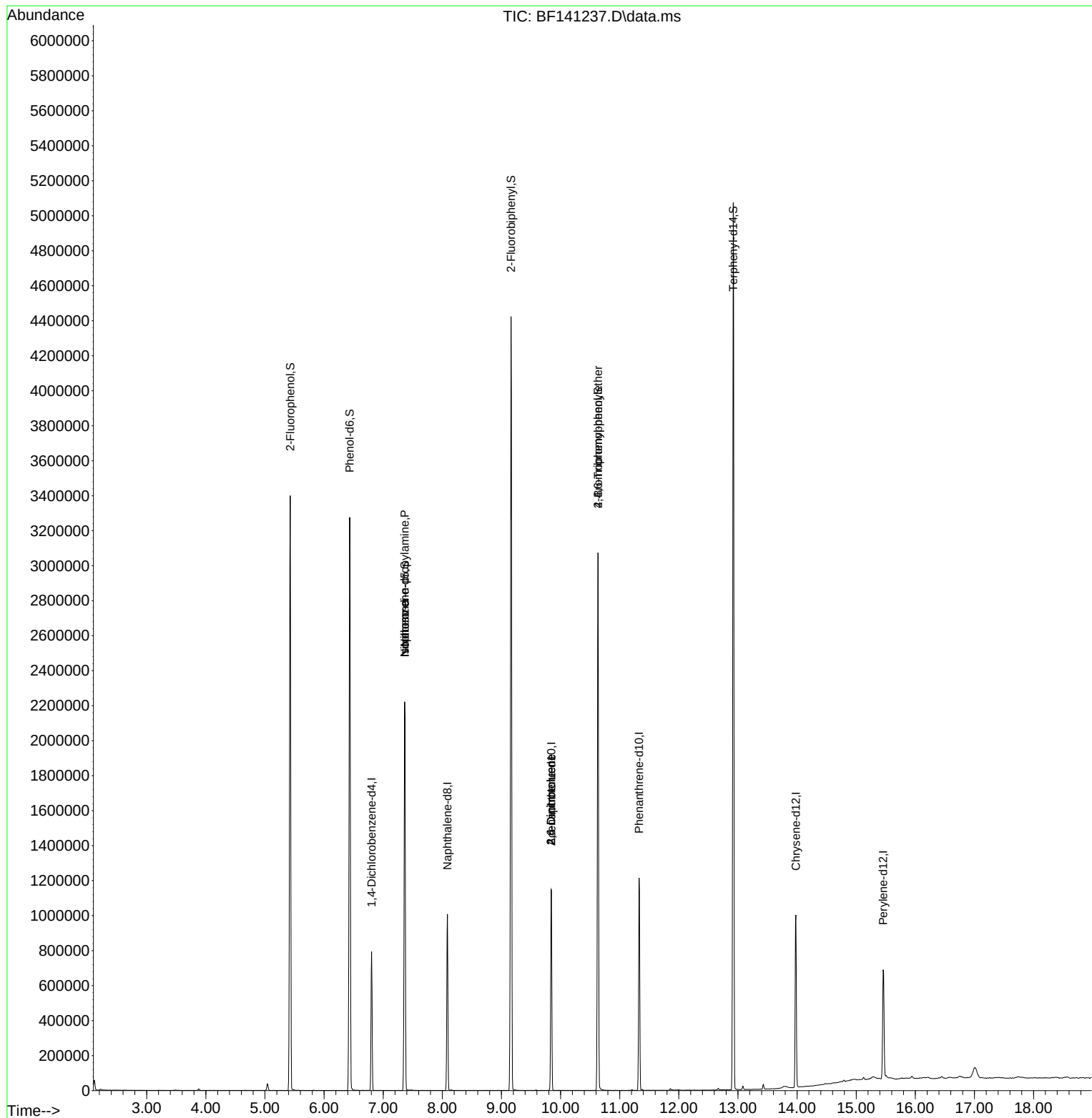
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	164883	20.000	ng	-0.02
21) Naphthalene-d8	8.086	136	660162	20.000	ng	-0.02
39) Acenaphthene-d10	9.845	164	360579	20.000	ng	-0.02
64) Phenanthrene-d10	11.327	188	625546	20.000	ng	-0.02
76) Chrysene-d12	13.980	240	483840	20.000	ng	0.00
86) Perylene-d12	15.456	264	379156	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1372562	128.596	ng	0.00
7) Phenol-d6	6.434	99	1695712	125.421	ng	-0.01
23) Nitrobenzene-d5	7.363	82	1107587	88.935	ng	-0.02
42) 2,4,6-Tribromophenol	10.633	330	596451	145.173	ng	-0.02
45) 2-Fluorobiphenyl	9.163	172	2087316	88.397	ng	-0.02
79) Terphenyl-d14	12.921	244	2590129	79.566	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.363	70	149415	18.761	ng	# 75
25) Isophorone	7.363	82	1101475	51.753	ng	# 65
51) 2,6-Dinitrotoluene	9.839	165	47346	8.411	ng	# 26
57) 2,4-Dinitrotoluene	9.839	165	47346	6.526	ng	# 24
67) 4-Bromophenyl-phenylether	10.633	248	34960	4.854	ng	# 1

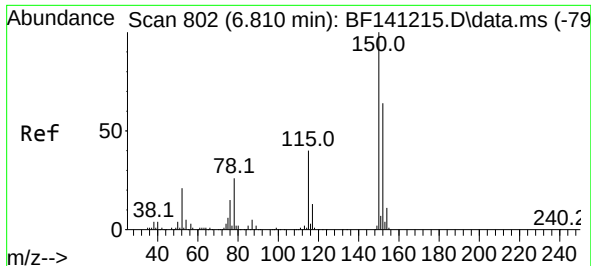
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012225\
Data File : BF141237.D
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Quant Time: Jan 22 15:27:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration

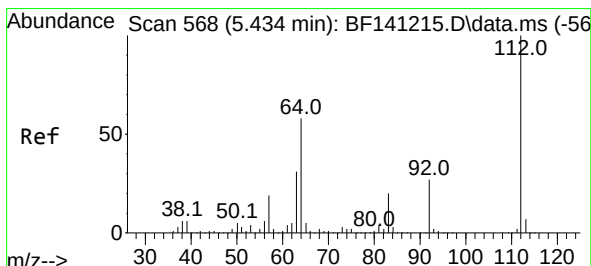
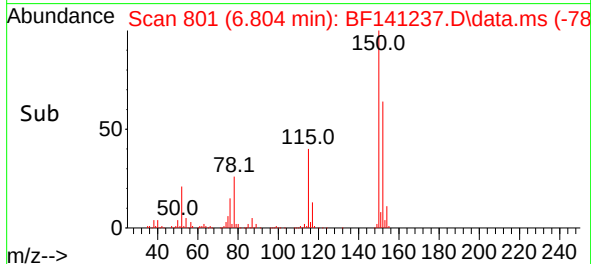
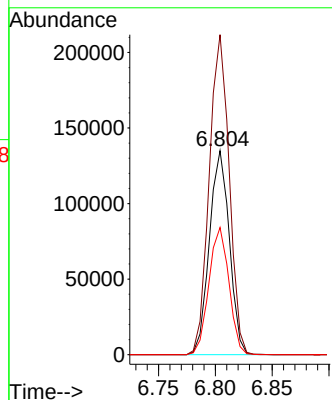
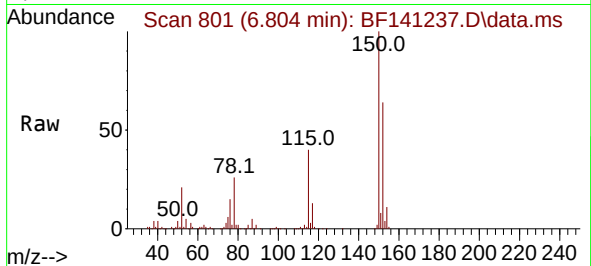




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 801
 Delta R.T. -0.018 min
 Lab File: BF141237.D
 Acq: 22 Jan 2025 14:50

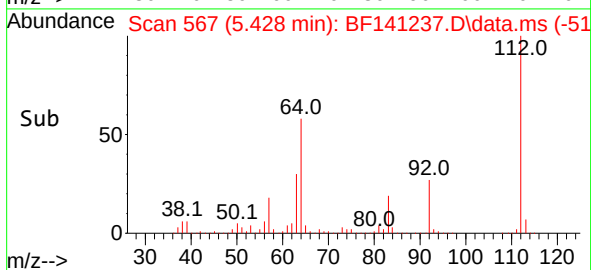
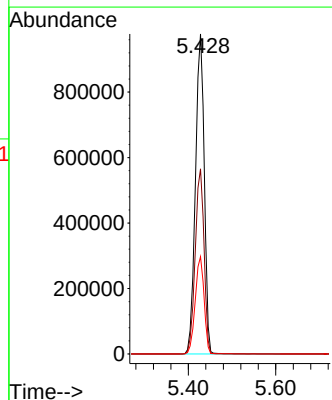
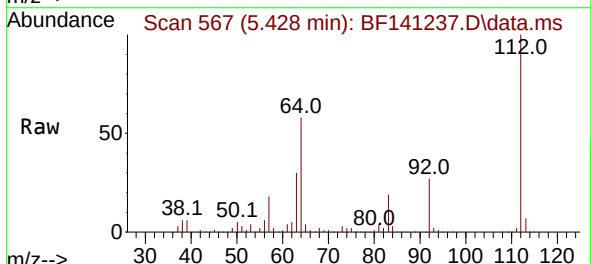
Instrument :
 BNA_F
 ClientSampleId :
 PB166167BL

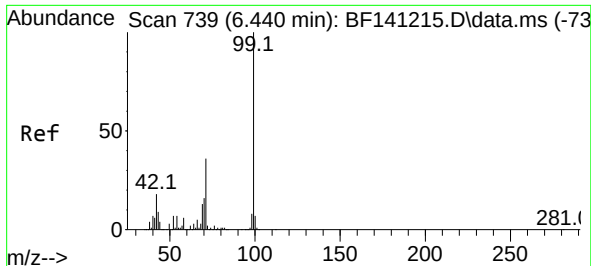
Tgt Ion:152 Resp: 164883
 Ion Ratio Lower Upper
 152 100
 150 156.9 125.8 188.8
 115 62.4 51.4 77.2



#5
 2-Fluorophenol
 Concen: 128.596 ng
 RT: 5.428 min Scan# 567
 Delta R.T. -0.000 min
 Lab File: BF141237.D
 Acq: 22 Jan 2025 14:50

Tgt Ion:112 Resp: 1372562
 Ion Ratio Lower Upper
 112 100
 64 57.9 47.3 70.9
 63 30.4 24.2 36.2





#7
Phenol-d6
Concen: 125.421 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141237.D
Acq: 22 Jan 2025 14:50

Instrument :

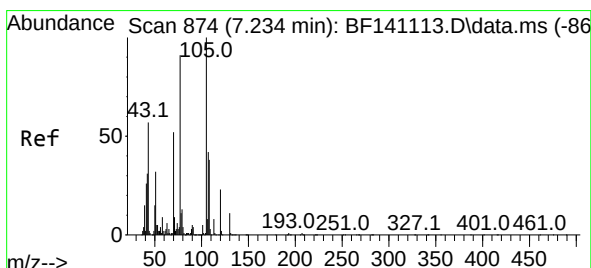
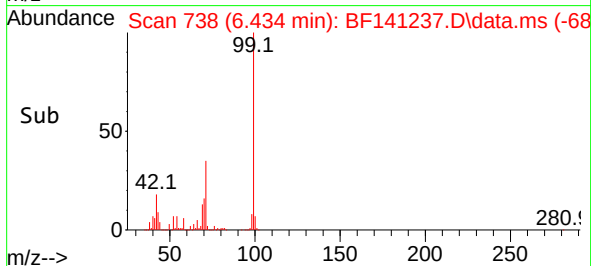
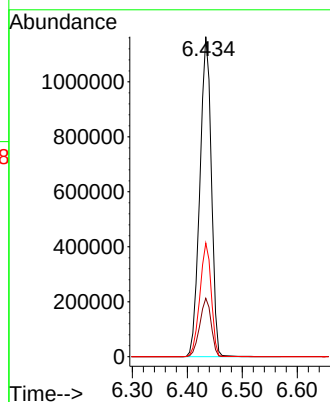
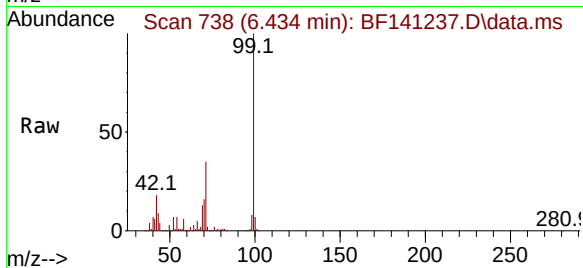
BNA_F

ClientSampleId :

PB166167BL

Tgt Ion: 99 Resp: 1695712

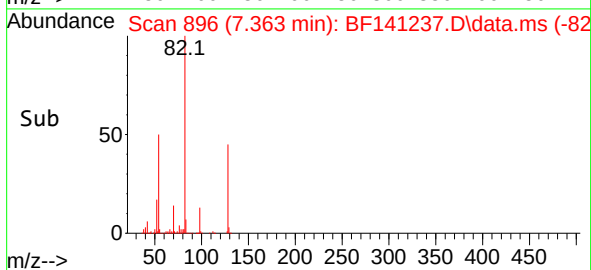
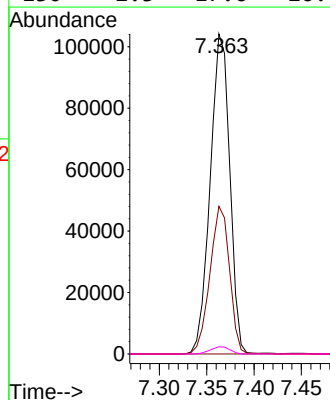
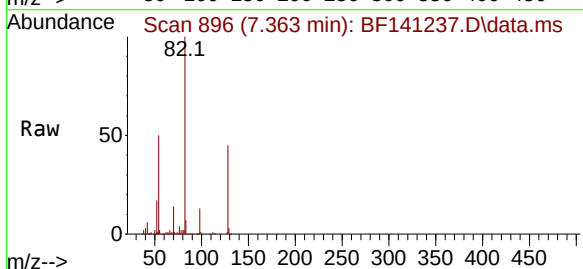
Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.0	22.4
71	35.5	27.6	41.4

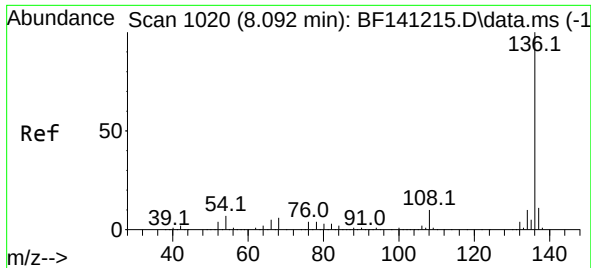


#19
n-Nitroso-di-n-propylamine
Concen: 18.761 ng
RT: 7.363 min Scan# 896
Delta R.T. 0.129 min
Lab File: BF141237.D
Acq: 22 Jan 2025 14:50

Tgt Ion: 70 Resp: 149415

Ion	Ratio	Lower	Upper
70	100		
42	46.1	47.8	71.6#
101	0.0	7.9	11.9#
130	2.3	17.6	26.4#



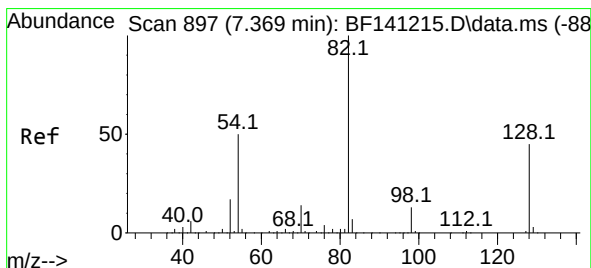
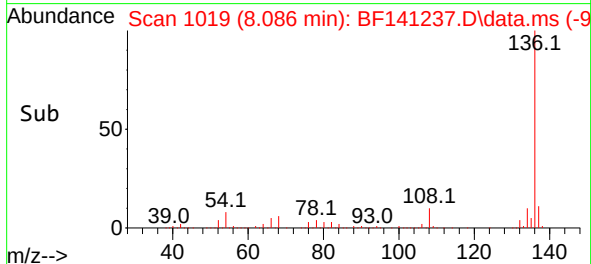
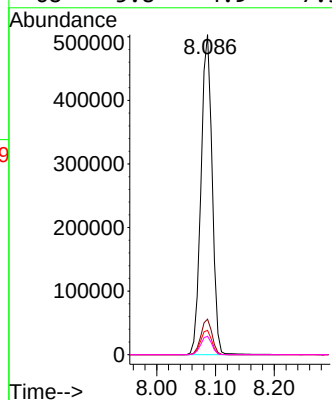
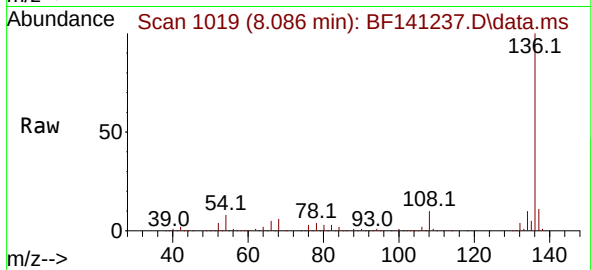


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1019
Delta R.T. -0.018 min
Lab File: BF141237.D
Acq: 22 Jan 2025 14:50

Instrument :
BNA_F
ClientSampleId :
PB166167BL

Tgt Ion:136 Resp: 660162

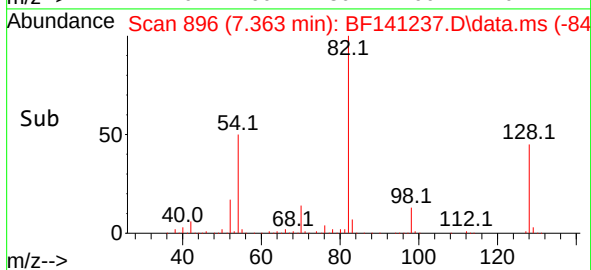
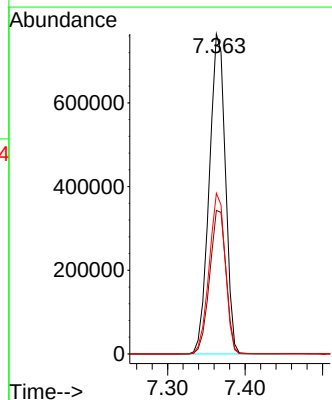
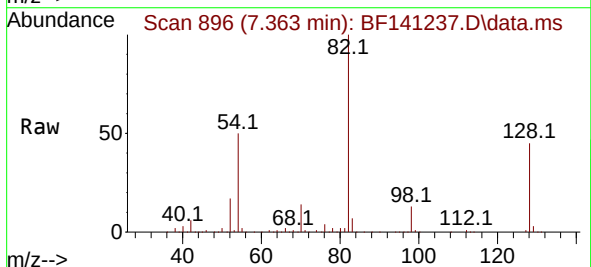
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.6	6.3	9.5
68	5.8	4.9	7.3

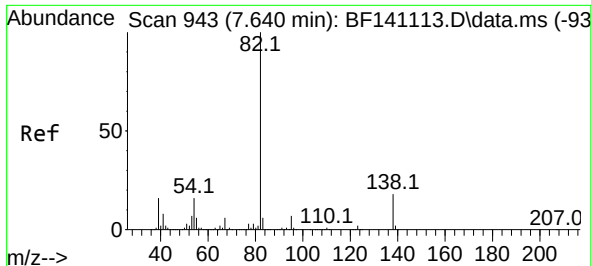


#23
Nitrobenzene-d5
Concen: 88.935 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.024 min
Lab File: BF141237.D
Acq: 22 Jan 2025 14:50

Tgt Ion: 82 Resp: 1107587

Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.1	54.1
54	50.2	41.0	61.4

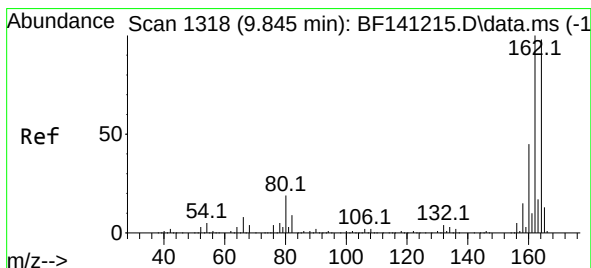
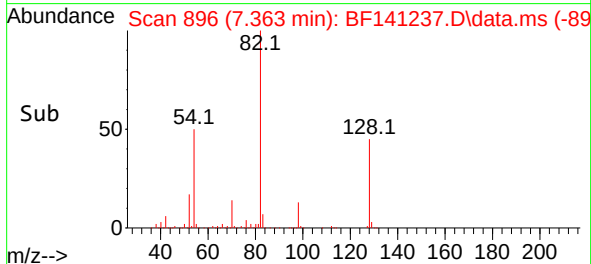
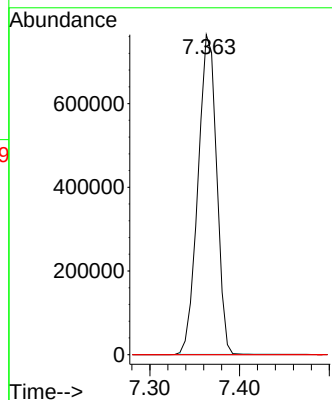
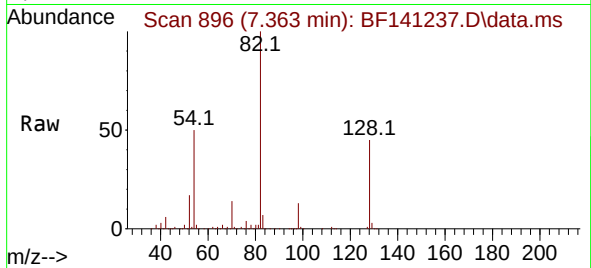




#25
Isophorone
Concen: 51.753 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.277 min
Lab File: BF141237.D
Acq: 22 Jan 2025 14:50

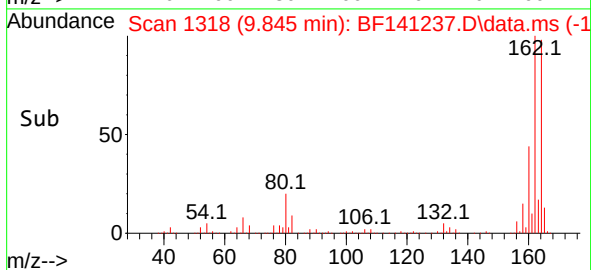
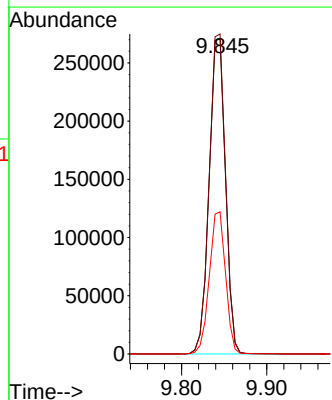
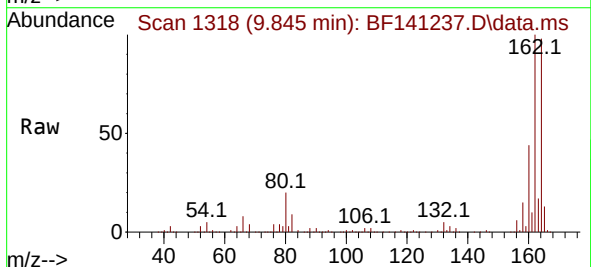
Instrument :
BNA_F
ClientSampleId :
PB166167BL

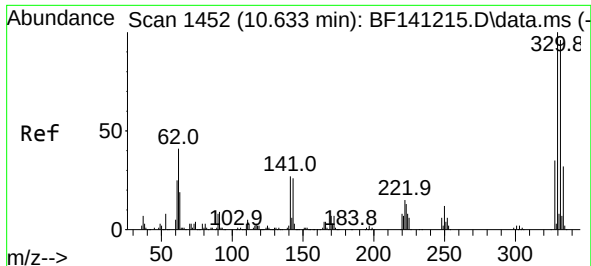
Tgt Ion: 82 Resp: 1101475
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1318
Delta R.T. -0.018 min
Lab File: BF141237.D
Acq: 22 Jan 2025 14:50

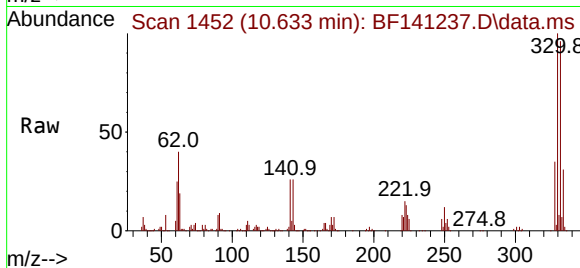
Tgt Ion:164 Resp: 360579
Ion Ratio Lower Upper
164 100
162 101.6 81.0 121.4
160 45.1 36.1 54.1



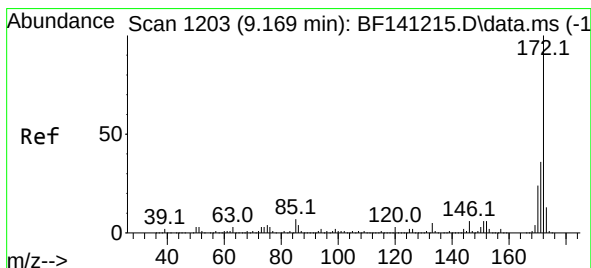
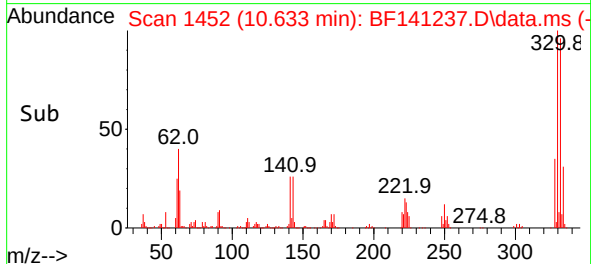
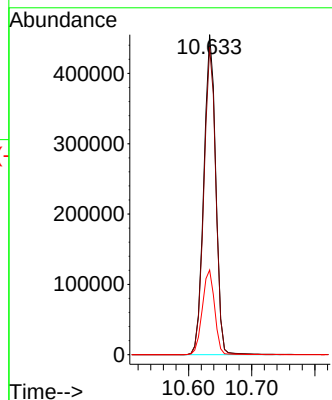


#42
2,4,6-Tribromophenol
Concen: 145.173 ng
RT: 10.633 min Scan# 1452
Delta R.T. -0.018 min
Lab File: BF141237.D
Acq: 22 Jan 2025 14:50

Instrument :
BNA_F
ClientSampleId :
PB166167BL

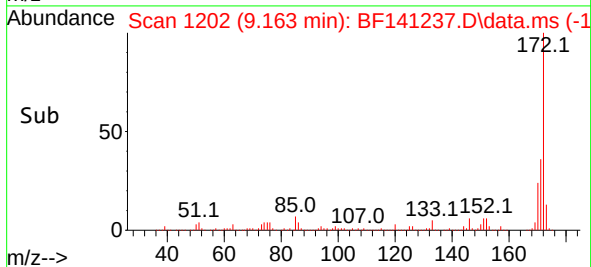
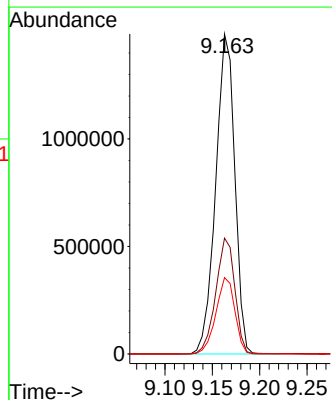
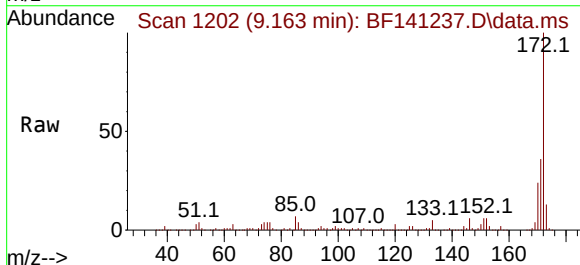


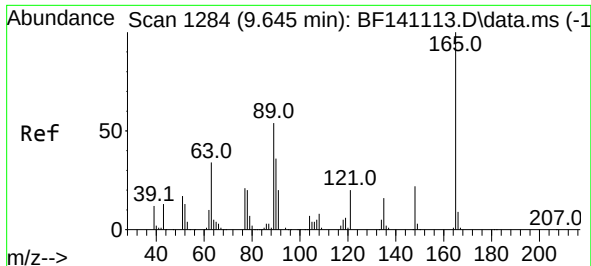
Tgt Ion: 330 Resp: 596451
Ion Ratio Lower Upper
330 100
332 96.3 76.9 115.3
141 27.3 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 88.397 ng
RT: 9.163 min Scan# 1202
Delta R.T. -0.018 min
Lab File: BF141237.D
Acq: 22 Jan 2025 14:50

Tgt Ion: 172 Resp: 2087316
Ion Ratio Lower Upper
172 100
171 36.2 28.7 43.1
170 23.9 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.411 ng

RT: 9.839 min Scan# 1

Delta R.T. 0.194 min

Lab File: BF141237.D

Acq: 22 Jan 2025 14:50

Instrument :

BNA_F

ClientSampleId :

PB166167BL

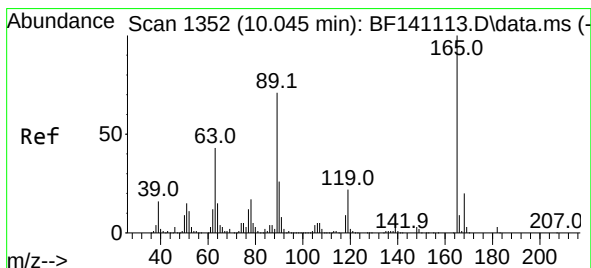
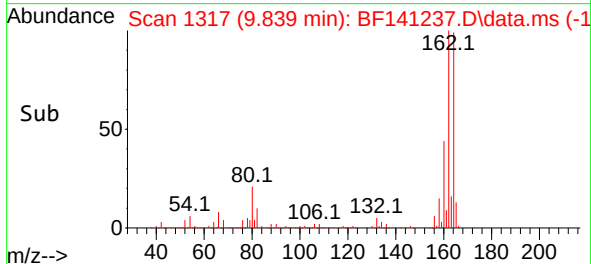
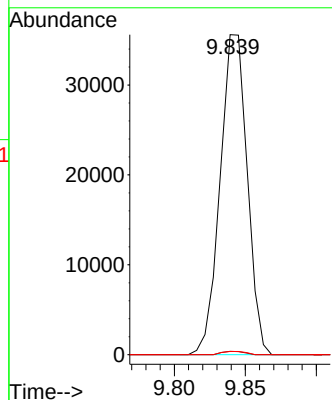
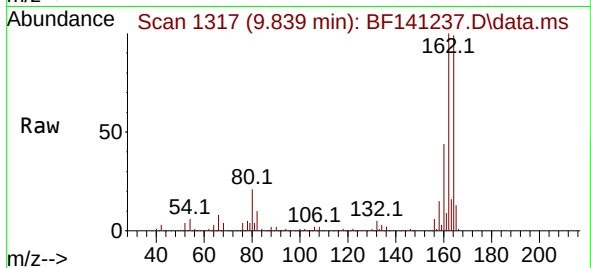
Tgt Ion:165 Resp: 47346

Ion Ratio Lower Upper

165 100

63 1.1 42.3 63.5#

89 1.0 43.1 64.7#



#57

2,4-Dinitrotoluene

Concen: 6.526 ng

RT: 9.839 min Scan# 1317

Delta R.T. -0.206 min

Lab File: BF141237.D

Acq: 22 Jan 2025 14:50

Tgt Ion:165 Resp: 47346

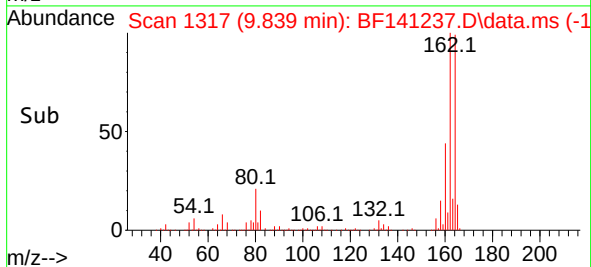
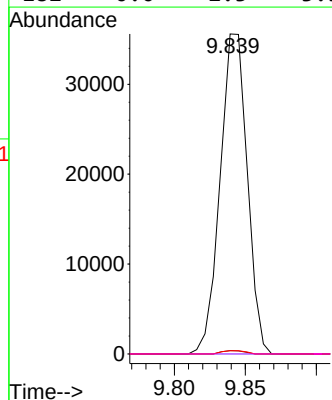
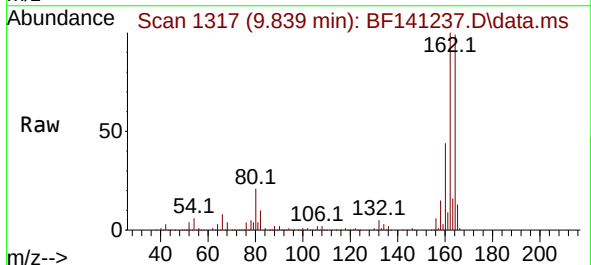
Ion Ratio Lower Upper

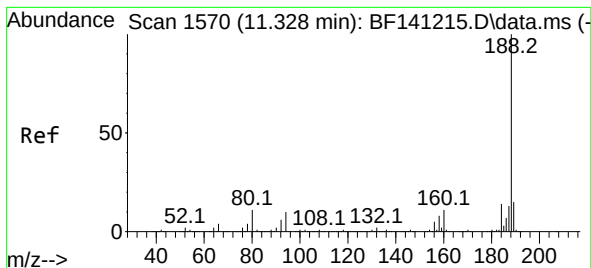
165 100

63 1.1 35.0 52.4#

89 1.0 56.7 85.1#

182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141237.D

Acq: 22 Jan 2025 14:50

Instrument :

BNA_F

ClientSampleId :

PB166167BL

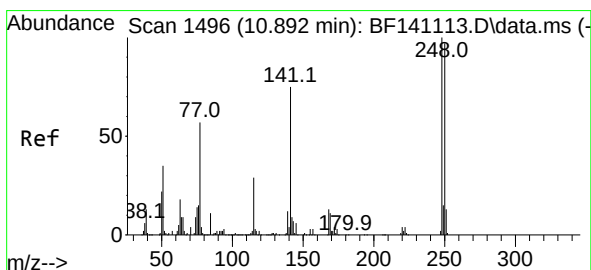
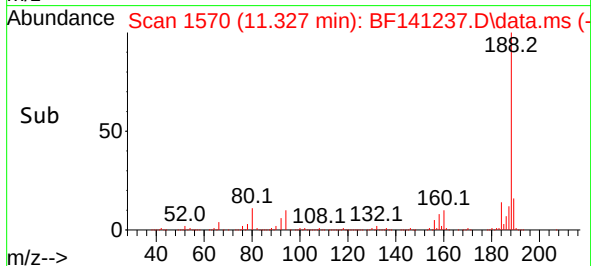
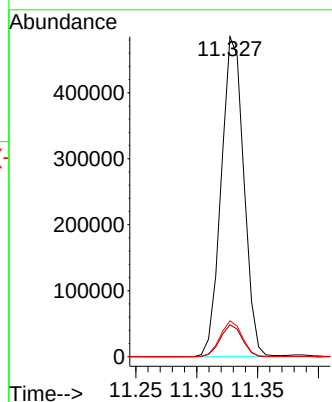
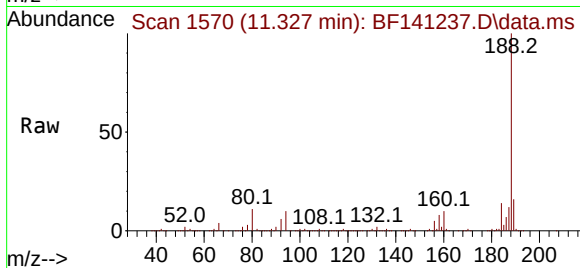
Tgt Ion:188 Resp: 625546

Ion Ratio Lower Upper

188 100

94 10.0 8.3 12.5

80 11.2 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 4.854 ng

RT: 10.633 min Scan# 1452

Delta R.T. -0.259 min

Lab File: BF141237.D

Acq: 22 Jan 2025 14:50

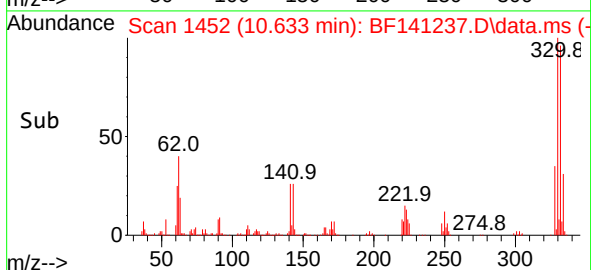
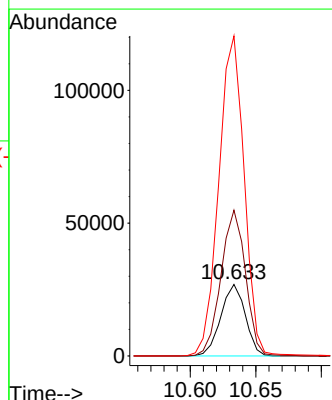
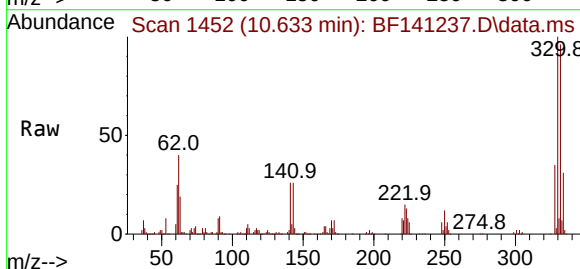
Tgt Ion:248 Resp: 34960

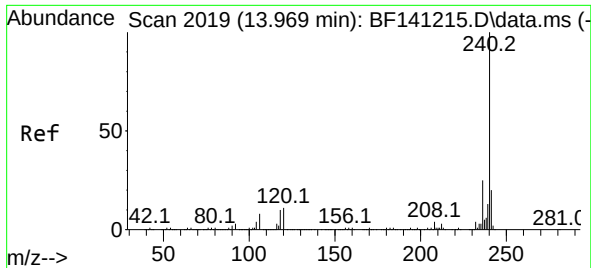
Ion Ratio Lower Upper

248 100

250 203.6 77.9 116.9#

141 447.1 59.9 89.9#

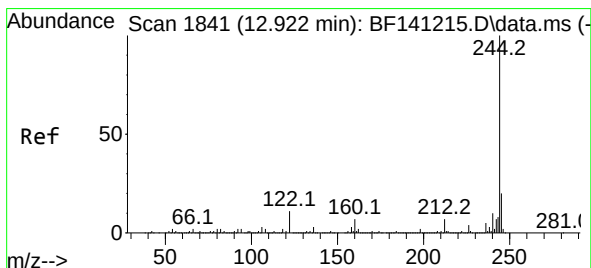
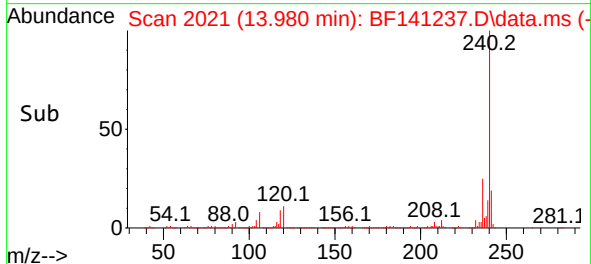
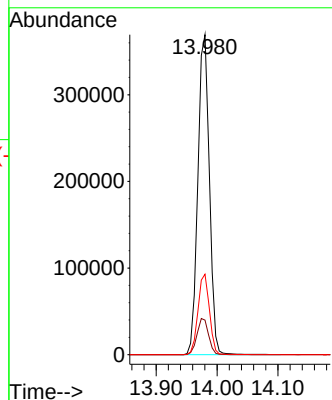
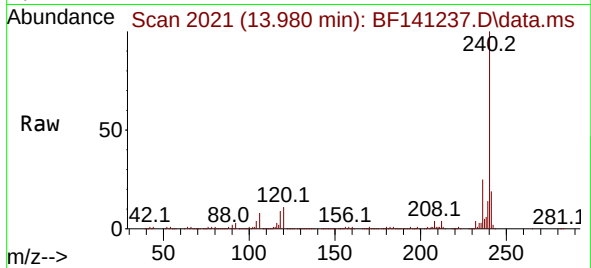




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF141237.D
Acq: 22 Jan 2025 14:50

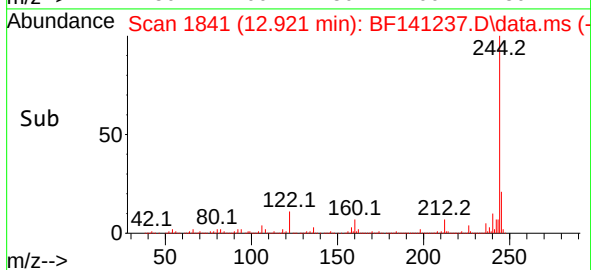
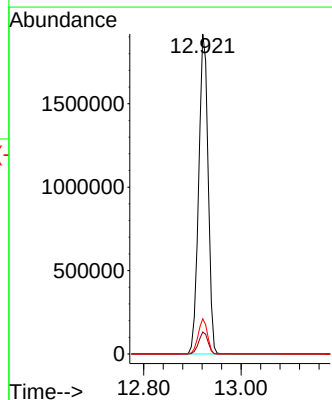
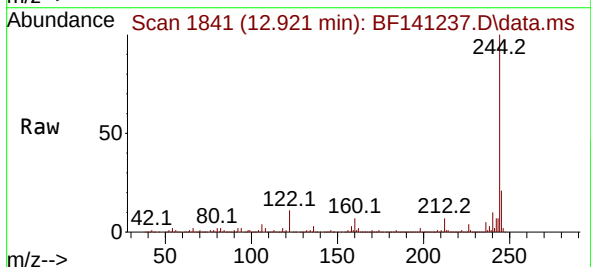
Instrument :
BNA_F
ClientSampleId :
PB166167BL

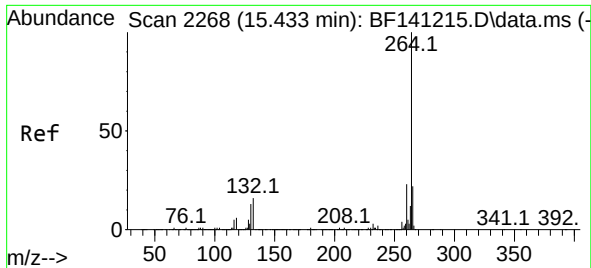
Tgt Ion:240 Resp: 483840
Ion Ratio Lower Upper
240 100
120 10.8 9.1 13.7
236 25.1 19.8 29.6



#79
Terphenyl-d14
Concen: 79.566 ng
RT: 12.921 min Scan# 1841
Delta R.T. -0.012 min
Lab File: BF141237.D
Acq: 22 Jan 2025 14:50

Tgt Ion:244 Resp: 2590129
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.2
122 11.0 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.456 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BF141237.D
 Acq: 22 Jan 2025 14:50

Instrument :
 BNA_F
 ClientSampleId :
 PB166167BL

Tgt Ion:264 Resp: 379156
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 28.0
 265 21.3 17.4 26.0

