

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012725\
 Data File : BF141267.D
 Acq On : 27 Jan 2025 12:47
 Operator : RC/JU
 Sample : PB166258BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166258BL

Quant Time: Jan 27 13:13:58 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)

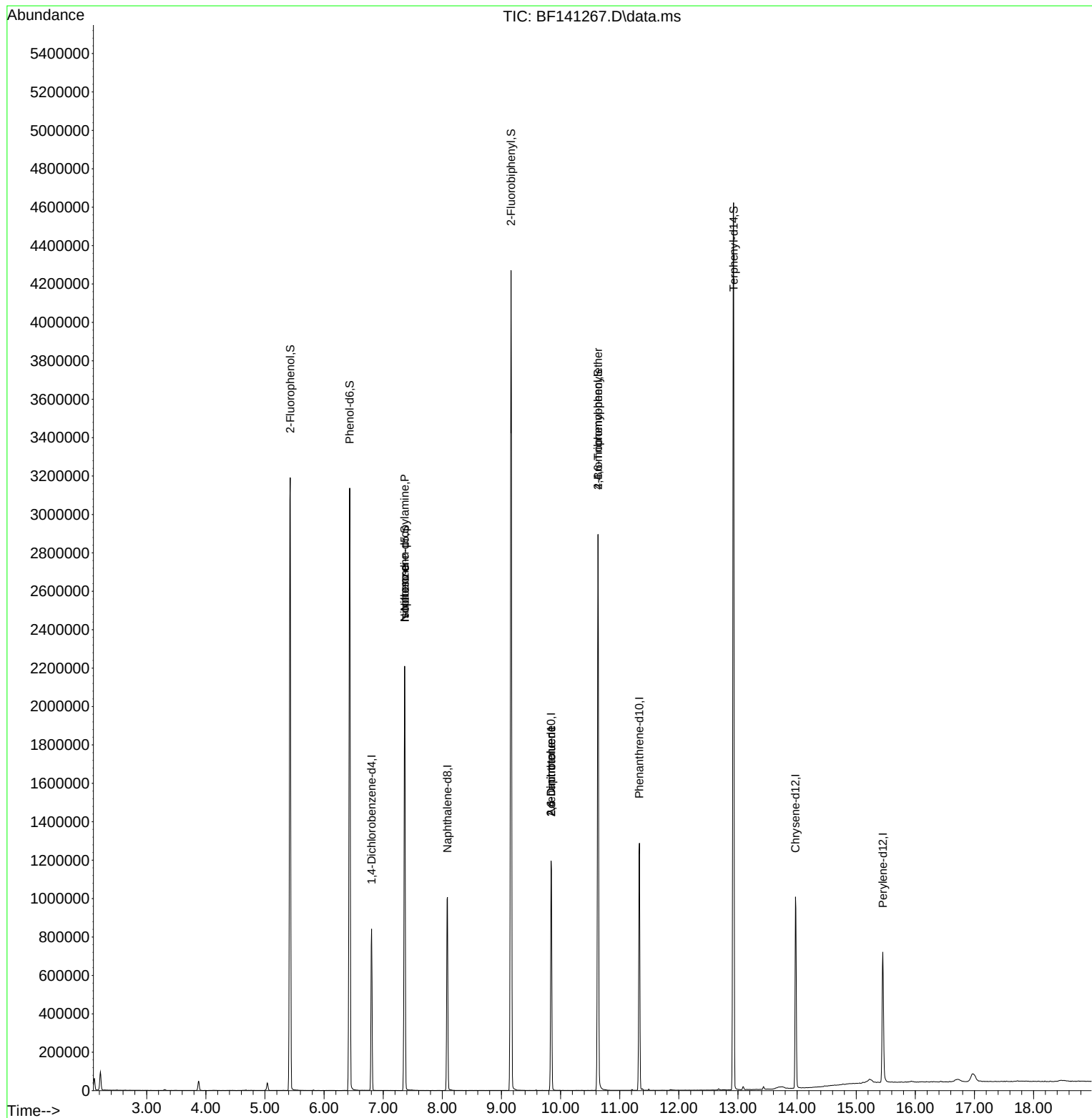
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	176935	20.000	ng	-0.02
21) Naphthalene-d8	8.086	136	709013	20.000	ng	-0.02
39) Acenaphthene-d10	9.839	164	387451	20.000	ng	-0.02
64) Phenanthrene-d10	11.333	188	669950	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	494546	20.000	ng	-0.01
86) Perylene-d12	15.451	264	422277	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1328772	116.014	ng	0.00
7) Phenol-d6	6.434	99	1643282	113.265	ng	-0.01
23) Nitrobenzene-d5	7.363	82	1062705	79.452	ng	-0.02
42) 2,4,6-Tribromophenol	10.633	330	574699	130.177	ng	-0.02
45) 2-Fluorobiphenyl	9.163	172	2083364	82.111	ng	-0.02
79) Terphenyl-d14	12.927	244	2502801	75.219	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.363	70	143693	16.813	ng	# 75
25) Isophorone	7.363	82	1055650	46.183	ng	# 65
51) 2,6-Dinitrotoluene	9.839	165	48964	8.095	ng	# 26
57) 2,4-Dinitrotoluene	9.839	165	48964	6.281	ng	# 24
67) 4-Bromophenyl-phenylether	10.633	248	34904	4.525	ng	# 1

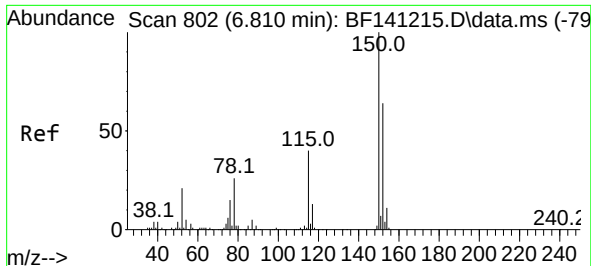
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012725\
Data File : BF141267.D
Acq On : 27 Jan 2025 12:47
Operator : RC/JU
Sample : PB166258BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166258BL

Quant Time: Jan 27 13:13:58 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

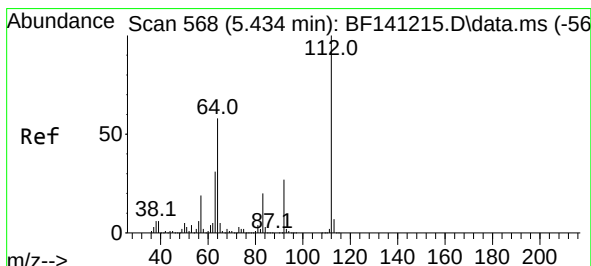
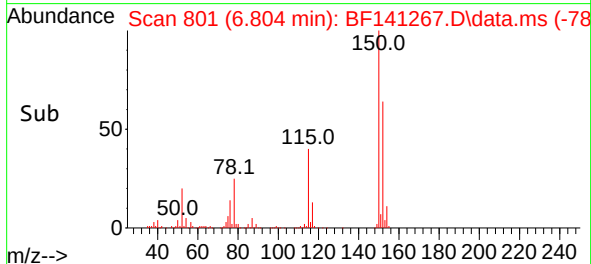
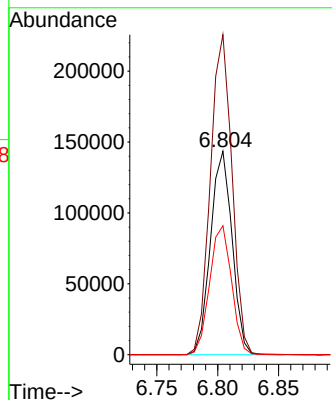
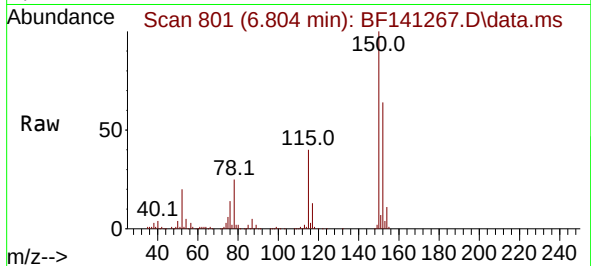




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 801
 Delta R.T. -0.018 min
 Lab File: BF141267.D
 Acq: 27 Jan 2025 12:47

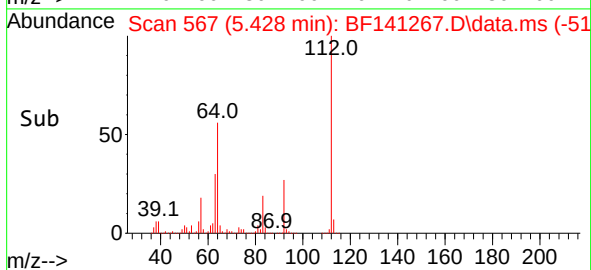
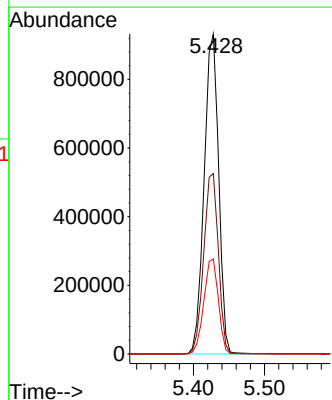
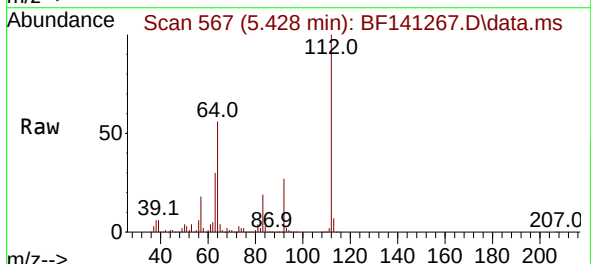
Instrument :
 BNA_F
 ClientSampleId :
 PB166258BL

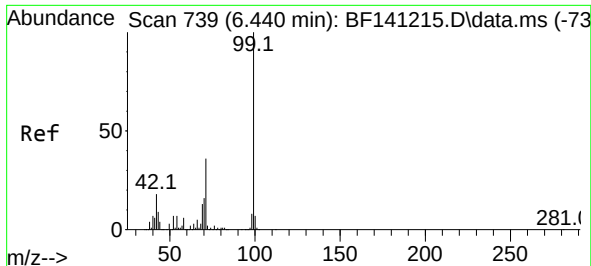
Tgt Ion:152 Resp: 176935
 Ion Ratio Lower Upper
 152 100
 150 157.4 125.8 188.8
 115 63.5 51.4 77.2



#5
 2-Fluorophenol
 Concen: 116.014 ng
 RT: 5.428 min Scan# 567
 Delta R.T. -0.000 min
 Lab File: BF141267.D
 Acq: 27 Jan 2025 12:47

Tgt Ion:112 Resp: 1328772
 Ion Ratio Lower Upper
 112 100
 64 56.4 47.3 70.9
 63 29.7 24.2 36.2





#7
Phenol-d6
Concen: 113.265 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141267.D
Acq: 27 Jan 2025 12:47

Instrument :

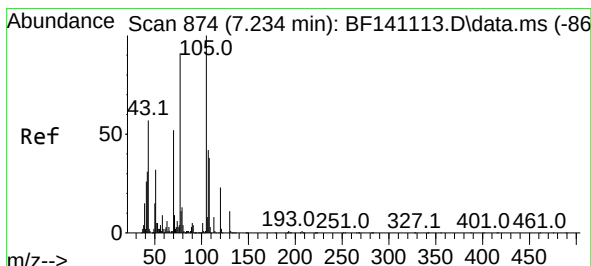
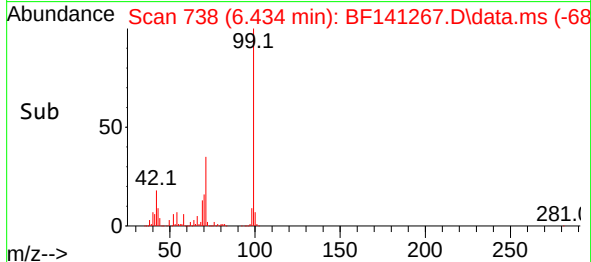
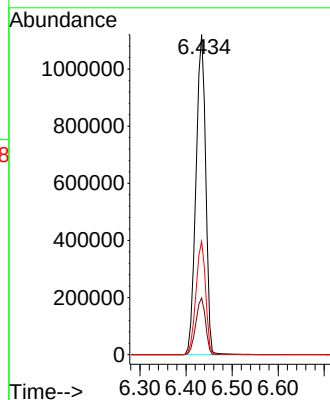
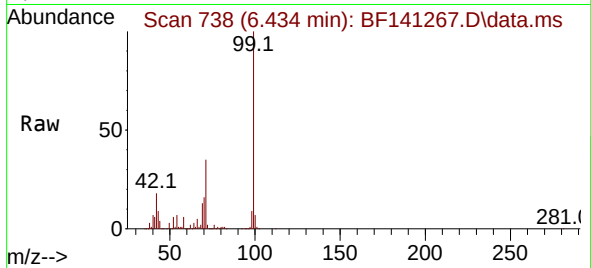
BNA_F

ClientSampleId :

PB166258BL

Tgt Ion: 99 Resp: 1643282

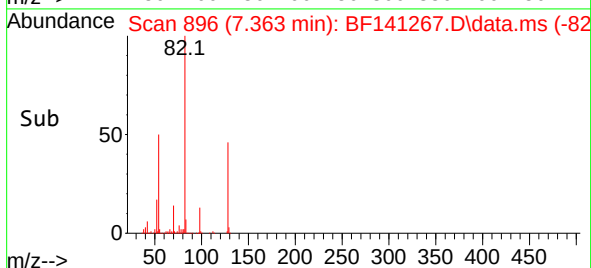
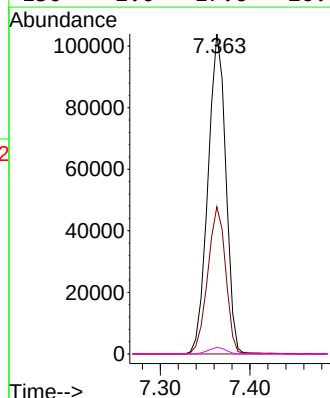
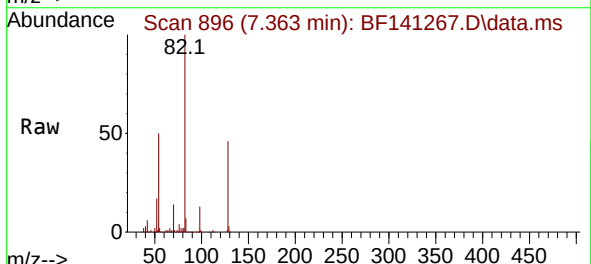
Ion	Ratio	Lower	Upper
99	100		
42	17.7	15.0	22.4
71	35.3	27.6	41.4

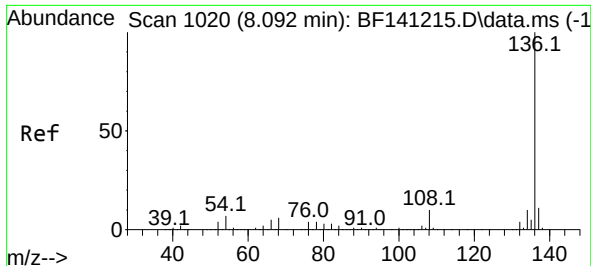


#19
n-Nitroso-di-n-propylamine
Concen: 16.813 ng
RT: 7.363 min Scan# 896
Delta R.T. 0.129 min
Lab File: BF141267.D
Acq: 27 Jan 2025 12:47

Tgt Ion: 70 Resp: 143693

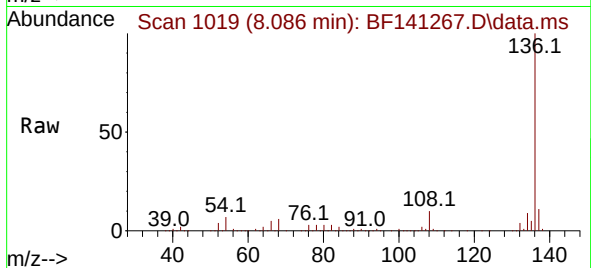
Ion	Ratio	Lower	Upper
70	100		
42	46.0	47.8	71.6#
101	0.0	7.9	11.9#
130	2.0	17.6	26.4#





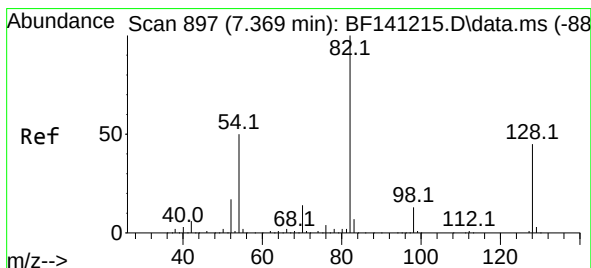
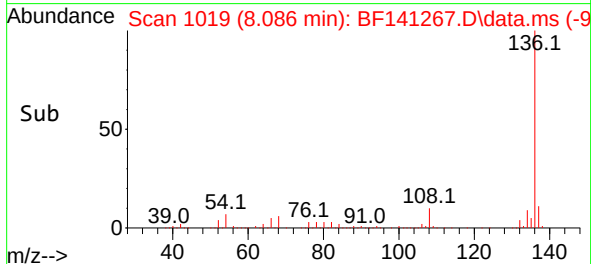
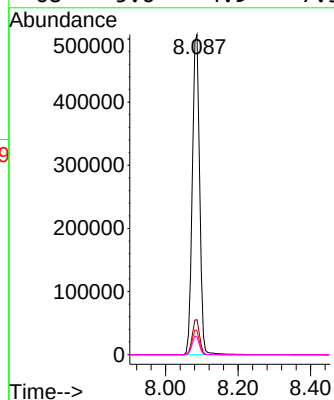
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1019
Delta R.T. -0.018 min
Lab File: BF141267.D
Acq: 27 Jan 2025 12:47

Instrument :
BNA_F
ClientSampleId :
PB166258BL



Tgt Ion:136 Resp: 709013

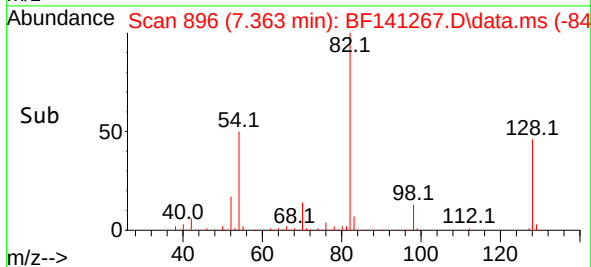
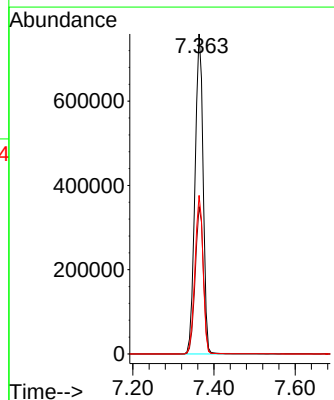
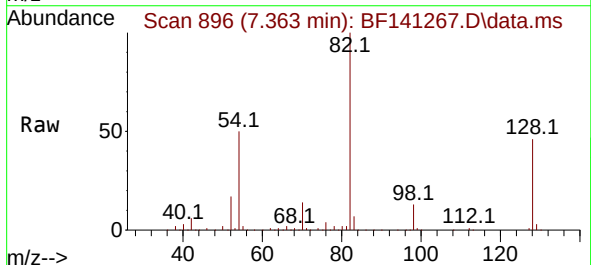
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.5	6.3	9.5
68	5.6	4.9	7.3

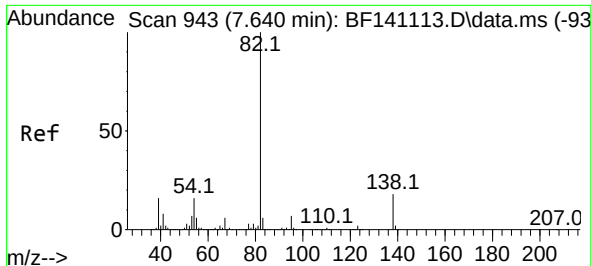


#23
Nitrobenzene-d5
Concen: 79.452 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.024 min
Lab File: BF141267.D
Acq: 27 Jan 2025 12:47

Tgt Ion: 82 Resp: 1062705

Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	49.5	41.0	61.4

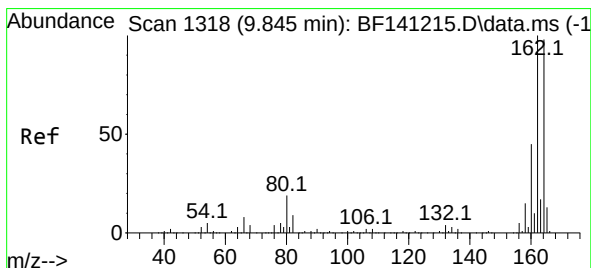
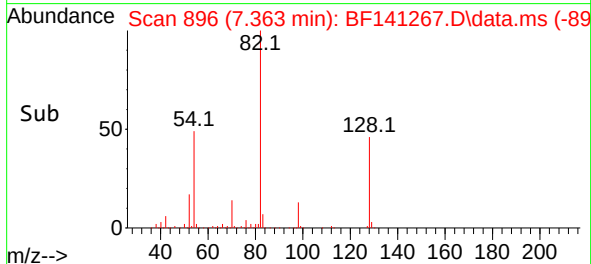
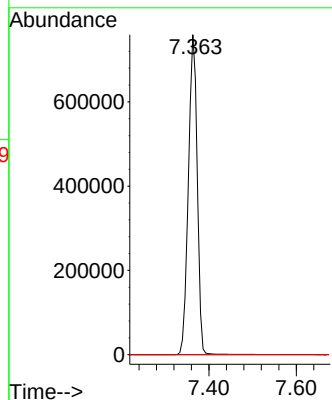
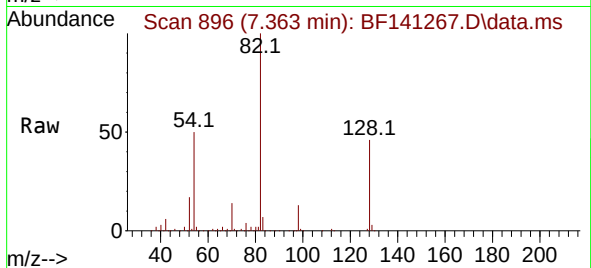




#25
Isophorone
Concen: 46.183 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.276 min
Lab File: BF141267.D
Acq: 27 Jan 2025 12:47

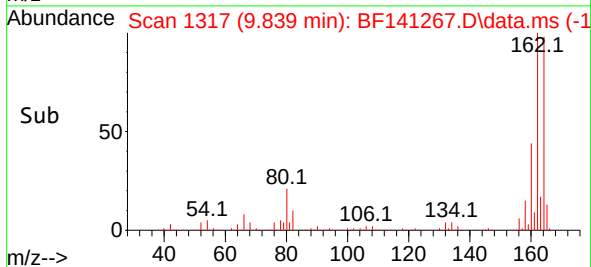
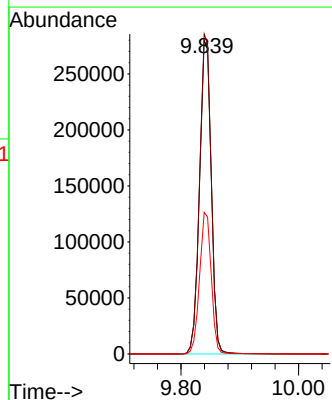
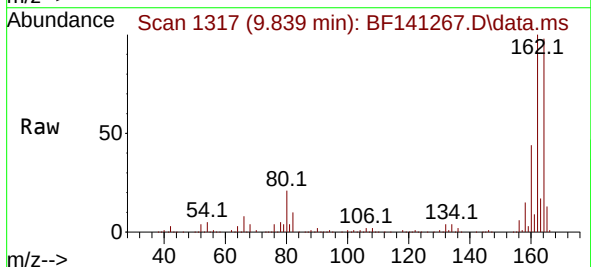
Instrument :
BNA_F
ClientSampleId :
PB166258BL

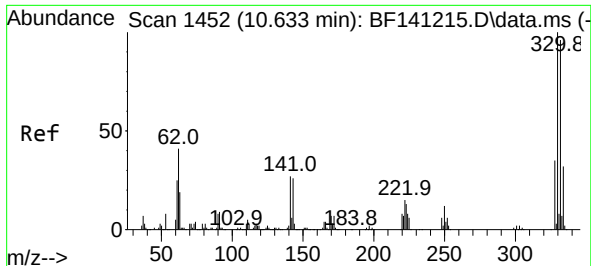
Tgt Ion: 82 Resp: 1055650
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1317
Delta R.T. -0.024 min
Lab File: BF141267.D
Acq: 27 Jan 2025 12:47

Tgt Ion: 164 Resp: 387451
Ion Ratio Lower Upper
164 100
162 102.0 81.0 121.4
160 45.1 36.1 54.1





#42

2,4,6-Tribromophenol

Concen: 130.177 ng

RT: 10.633 min Scan# 1452

Delta R.T. -0.018 min

Lab File: BF141267.D

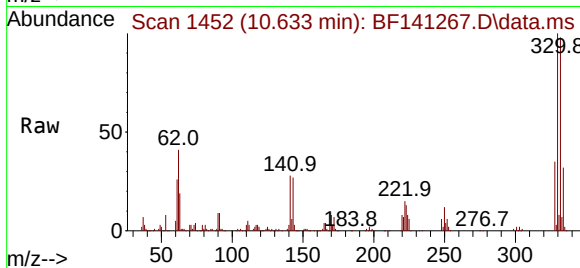
Acq: 27 Jan 2025 12:47

Instrument :

BNA_F

ClientSampleId :

PB166258BL



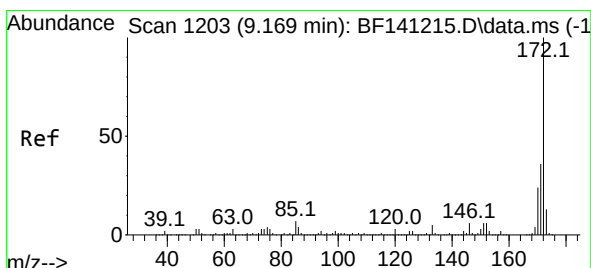
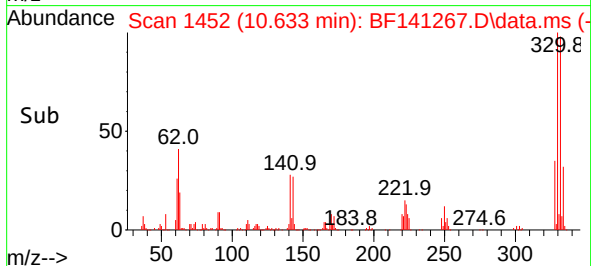
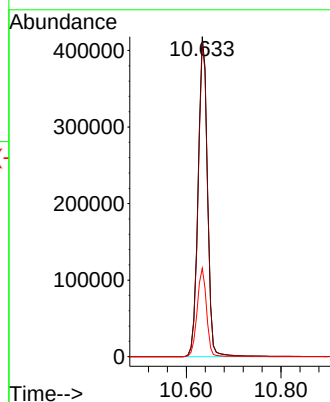
Tgt Ion:330 Resp: 574699

Ion Ratio Lower Upper

330 100

332 98.1 76.9 115.3

141 27.7 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 82.111 ng

RT: 9.163 min Scan# 1202

Delta R.T. -0.018 min

Lab File: BF141267.D

Acq: 27 Jan 2025 12:47

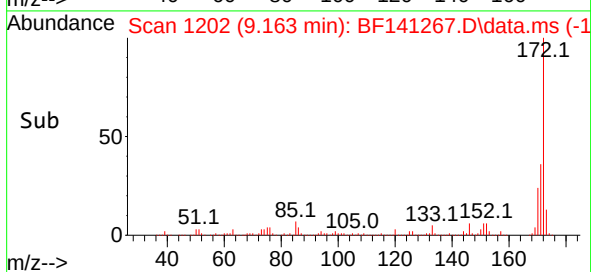
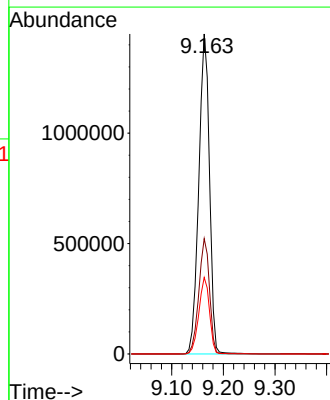
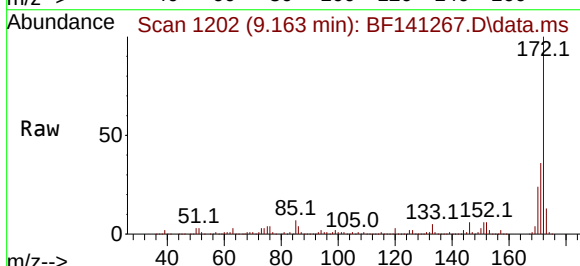
Tgt Ion:172 Resp: 2083364

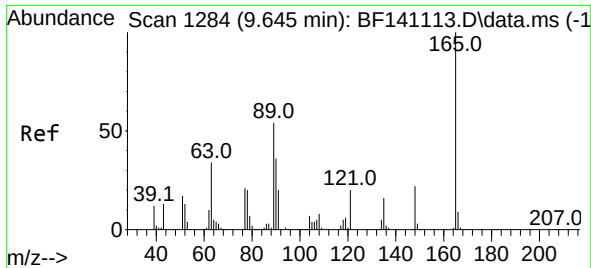
Ion Ratio Lower Upper

172 100

171 36.1 28.7 43.1

170 23.9 19.0 28.6

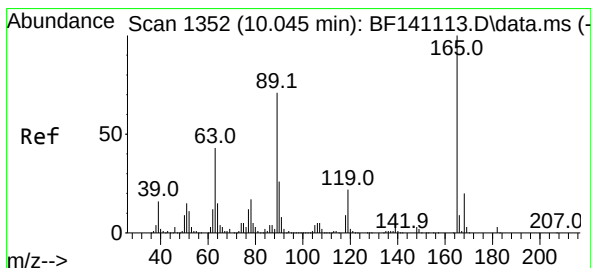
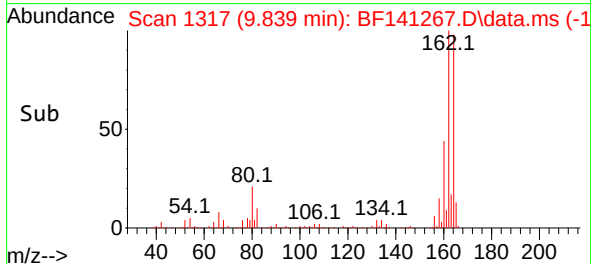
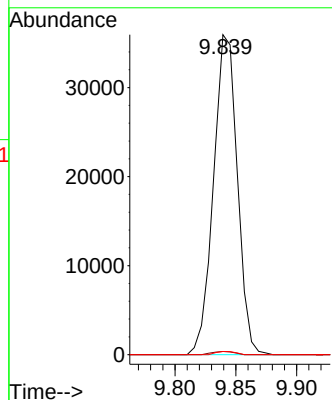
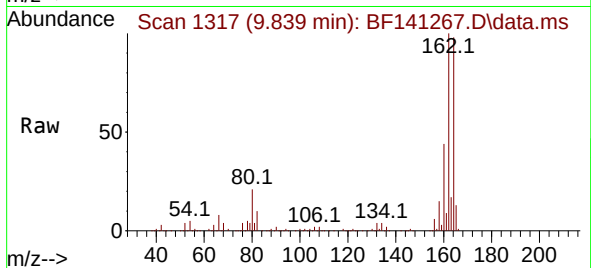




#51
2,6-Dinitrotoluene
Concen: 8.095 ng
RT: 9.839 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF141267.D
Acq: 27 Jan 2025 12:47

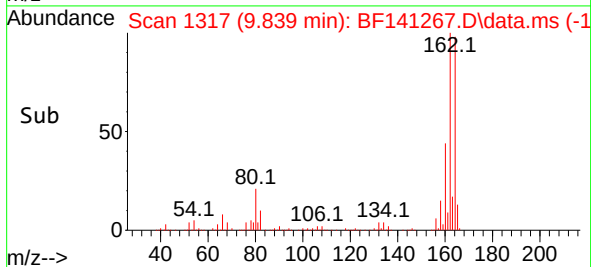
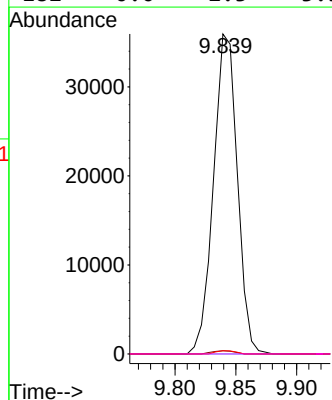
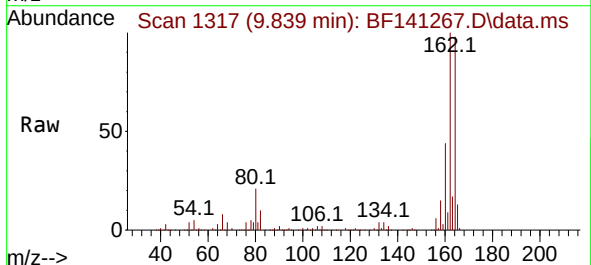
Instrument :
BNA_F
ClientSampleId :
PB166258BL

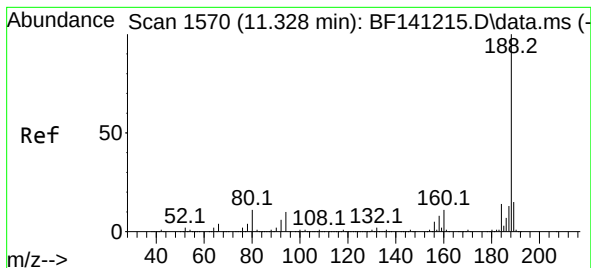
Tgt Ion:165 Resp: 48964
Ion Ratio Lower Upper
165 100
63 1.0 42.3 63.5#
89 1.0 43.1 64.7#



#57
2,4-Dinitrotoluene
Concen: 6.281 ng
RT: 9.839 min Scan# 1317
Delta R.T. -0.206 min
Lab File: BF141267.D
Acq: 27 Jan 2025 12:47

Tgt Ion:165 Resp: 48964
Ion Ratio Lower Upper
165 100
63 1.0 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: 11.333 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141267.D

Acq: 27 Jan 2025 12:47

Instrument :

BNA_F

ClientSampleId :

PB166258BL

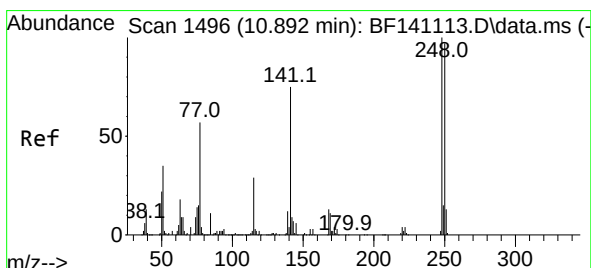
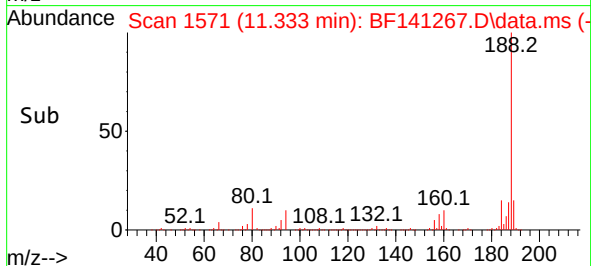
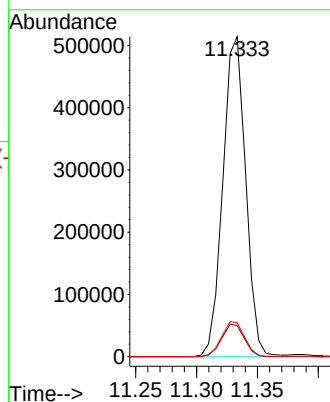
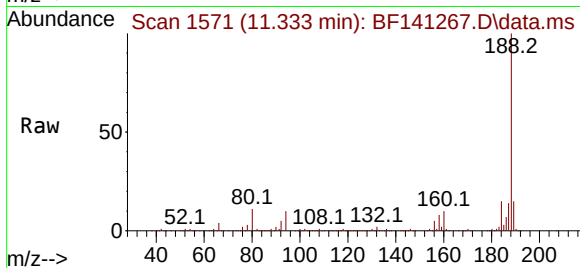
Tgt Ion:188 Resp: 669950

Ion Ratio Lower Upper

188 100

94 9.8 8.3 12.5

80 10.6 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 4.525 ng

RT: 10.633 min Scan# 1452

Delta R.T. -0.259 min

Lab File: BF141267.D

Acq: 27 Jan 2025 12:47

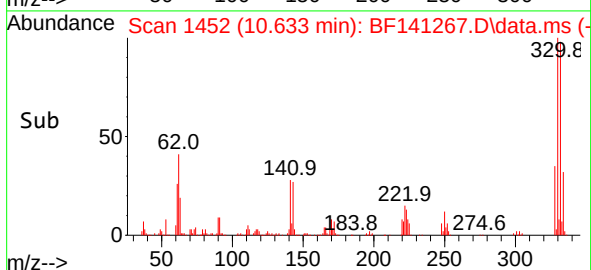
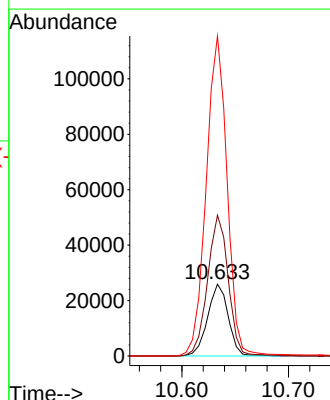
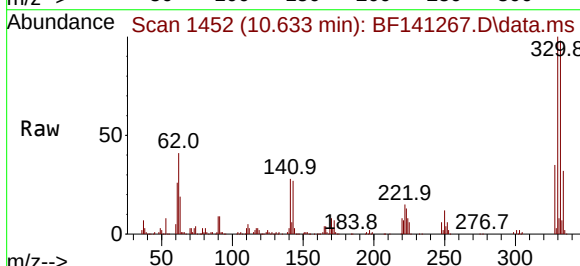
Tgt Ion:248 Resp: 34904

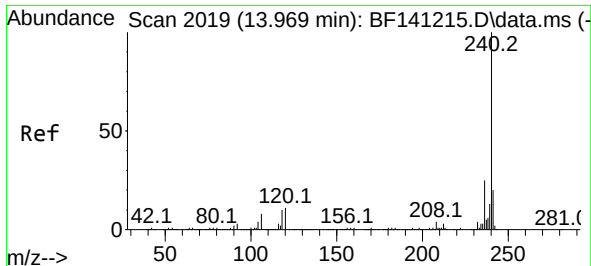
Ion Ratio Lower Upper

248 100

250 196.1 77.9 116.9#

141 445.4 59.9 89.9#

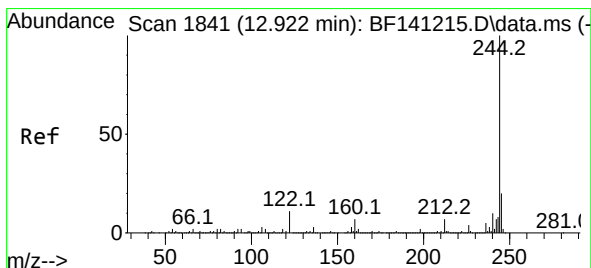
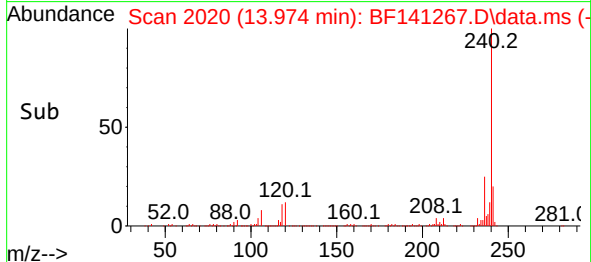
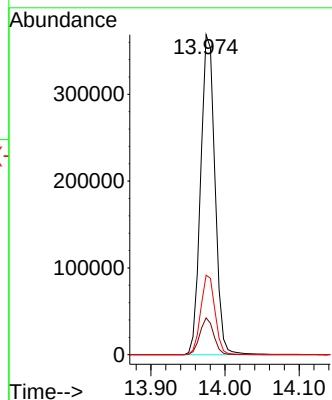
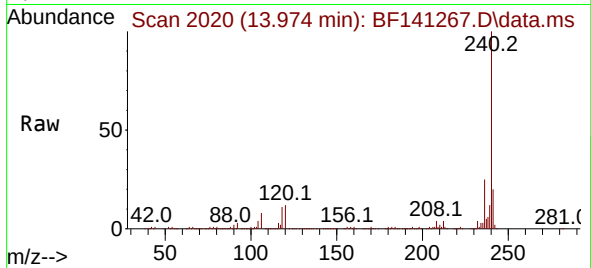




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF141267.D
Acq: 27 Jan 2025 12:47

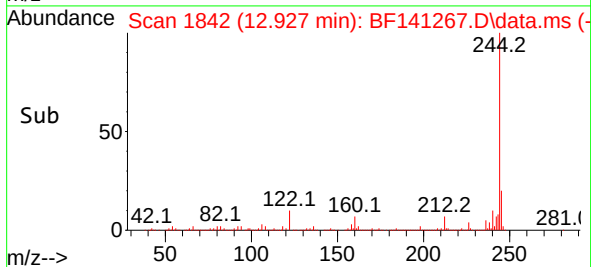
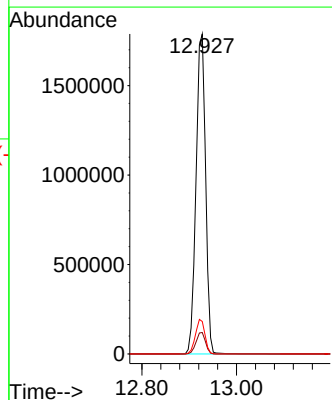
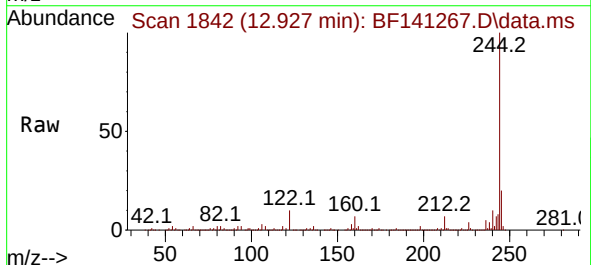
Instrument :
BNA_F
ClientSampleId :
PB166258BL

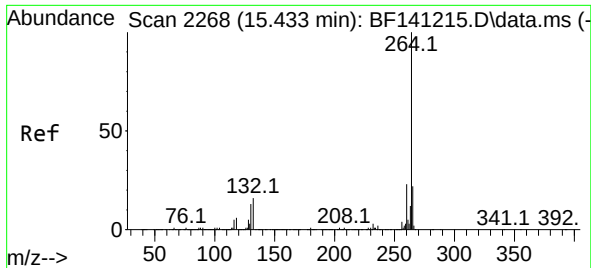
Tgt Ion:240 Resp: 494546
Ion Ratio Lower Upper
240 100
120 11.5 9.1 13.7
236 24.9 19.8 29.6



#79
Terphenyl-d14
Concen: 75.219 ng
RT: 12.927 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BF141267.D
Acq: 27 Jan 2025 12:47

Tgt Ion:244 Resp: 2502801
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.2
122 10.2 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF141267.D
 Acq: 27 Jan 2025 12:47

Instrument :
 BNA_F
 ClientSampleId :
 PB166258BL

Tgt Ion:264 Resp: 422277
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 28.0
 265 21.7 17.4 26.0

