

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012325\
 Data File : BF141247.D
 Acq On : 23 Jan 2025 13:59
 Operator : RC/JU
 Sample : PB166188BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166188BL

Quant Time: Jan 23 14:20:27 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)

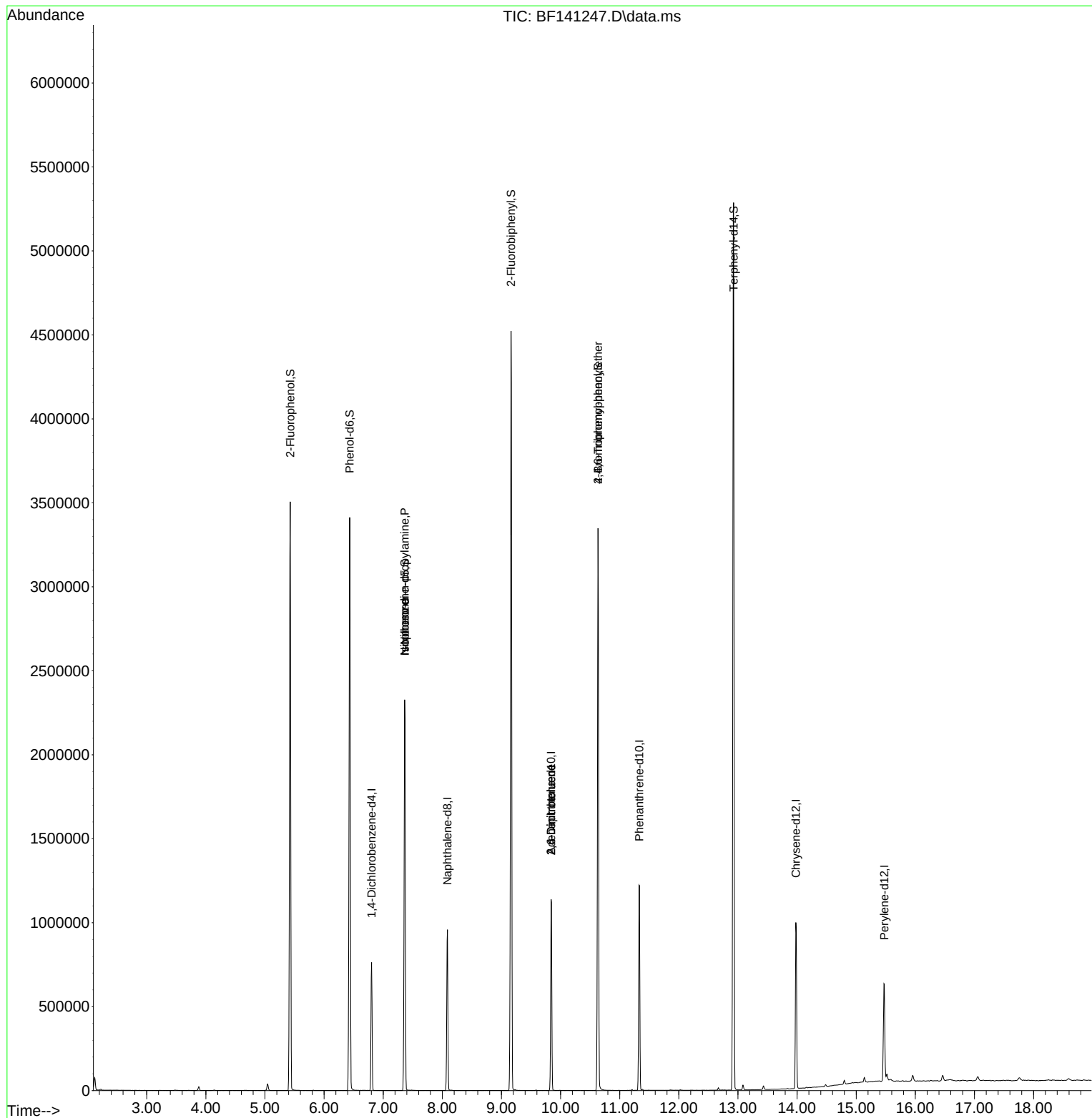
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	161521	20.000	ng	-0.02
21) Naphthalene-d8	8.086	136	645730	20.000	ng	-0.02
39) Acenaphthene-d10	9.839	164	357703	20.000	ng	-0.02
64) Phenanthrene-d10	11.333	188	654279	20.000	ng	-0.01
76) Chrysene-d12	13.980	240	487400	20.000	ng	0.00
86) Perylene-d12	15.474	264	355598	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1438995	137.627	ng	0.00
7) Phenol-d6	6.434	99	1792697	135.355	ng	-0.01
23) Nitrobenzene-d5	7.363	82	1167042	95.803	ng	-0.02
42) 2,4,6-Tribromophenol	10.633	330	662608	162.572	ng	-0.02
45) 2-Fluorobiphenyl	9.163	172	2215588	94.584	ng	-0.02
79) Terphenyl-d14	12.927	244	2870451	87.533	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.363	70	155410	19.920	ng	# 76
25) Isophorone	7.363	82	1161720	55.804	ng	# 65
51) 2,6-Dinitrotoluene	9.839	165	46761	8.374	ng	# 27
57) 2,4-Dinitrotoluene	9.839	165	46761	6.498	ng	# 24
67) 4-Bromophenyl-phenylether	10.633	248	40094	5.323	ng	# 1

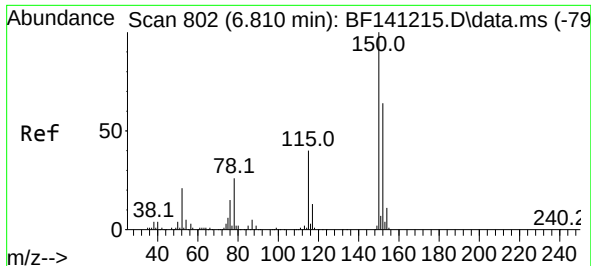
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012325\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration

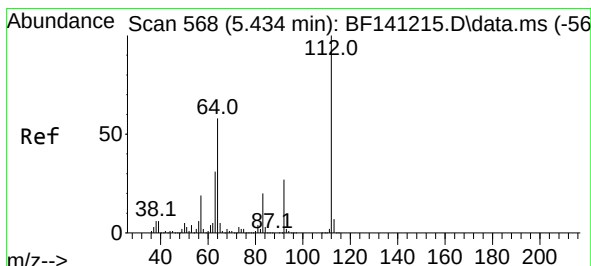
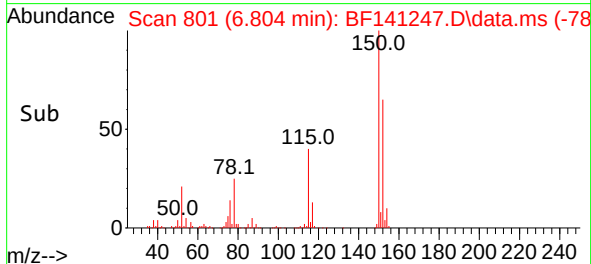
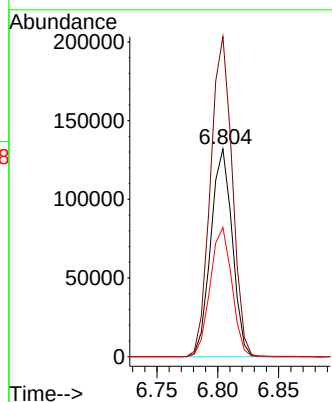
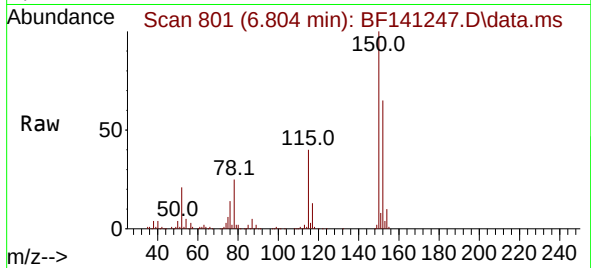




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.018 min
Lab File: BF141247.D
Acq: 23 Jan 2025 13:59

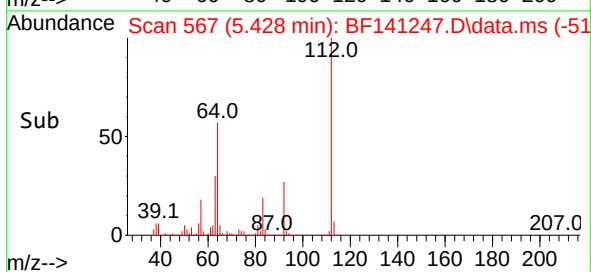
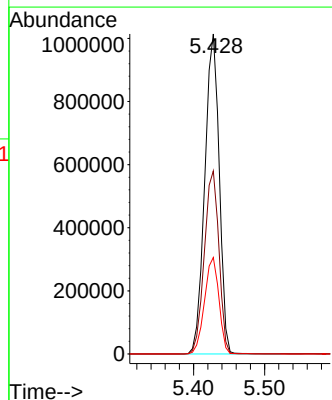
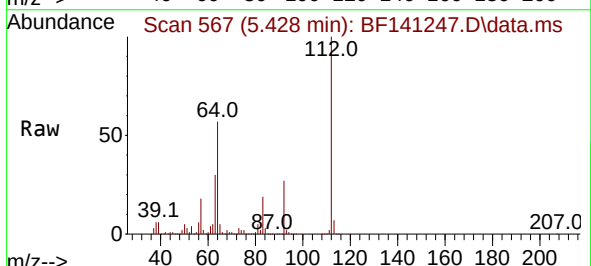
Instrument :
BNA_F
ClientSampleId :
PB166188BL

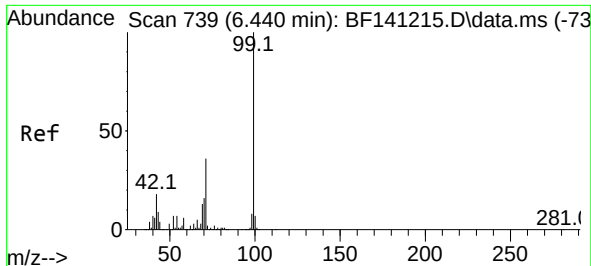
Tgt Ion:152 Resp: 161521
Ion Ratio Lower Upper
152 100
150 154.1 125.8 188.8
115 62.2 51.4 77.2



#5
2-Fluorophenol
Concen: 137.627 ng
RT: 5.428 min Scan# 567
Delta R.T. -0.000 min
Lab File: BF141247.D
Acq: 23 Jan 2025 13:59

Tgt Ion:112 Resp: 1438995
Ion Ratio Lower Upper
112 100
64 57.2 47.3 70.9
63 30.1 24.2 36.2

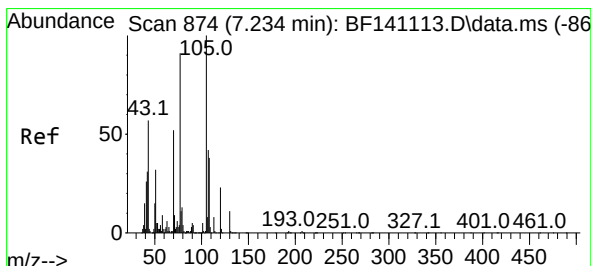
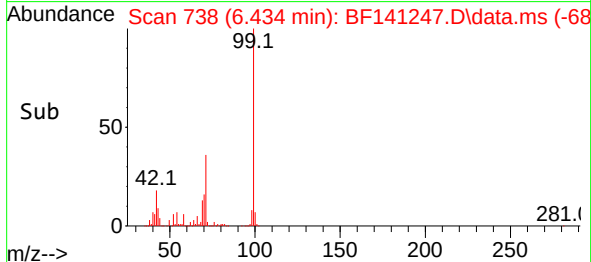
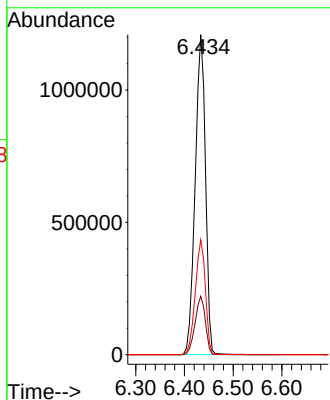
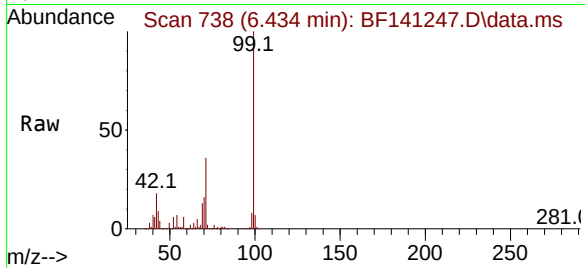




#7
Phenol-d6
Concen: 135.355 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141247.D
Acq: 23 Jan 2025 13:59

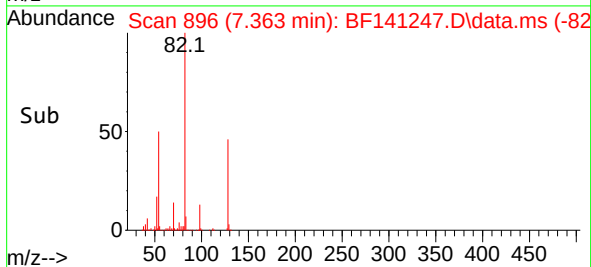
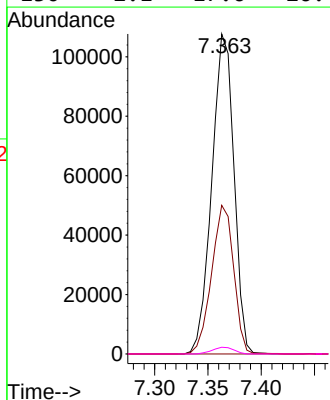
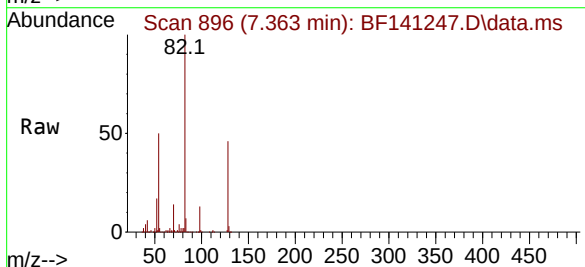
Instrument :
BNA_F
ClientSampleId :
PB166188BL

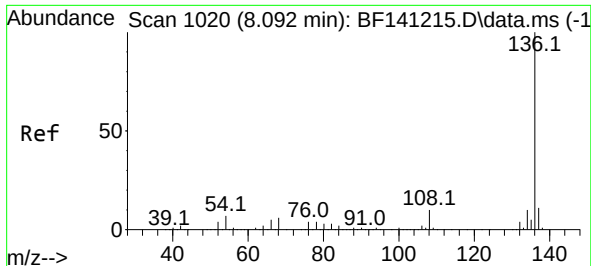
Tgt Ion: 99 Resp: 1792697
Ion Ratio Lower Upper
99 100
42 18.3 15.0 22.4
71 35.9 27.6 41.4



#19
n-Nitroso-di-n-propylamine
Concen: 19.920 ng
RT: 7.363 min Scan# 896
Delta R.T. 0.129 min
Lab File: BF141247.D
Acq: 23 Jan 2025 13:59

Tgt Ion: 70 Resp: 155410
Ion Ratio Lower Upper
70 100
42 46.4 47.8 71.6#
101 0.0 7.9 11.9#
130 2.1 17.6 26.4#

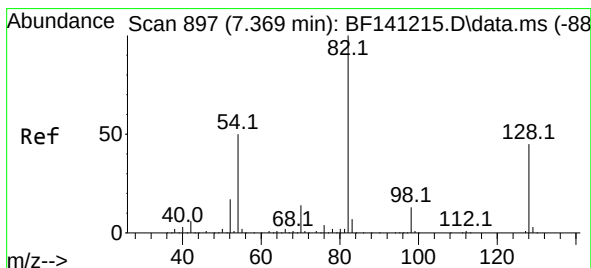
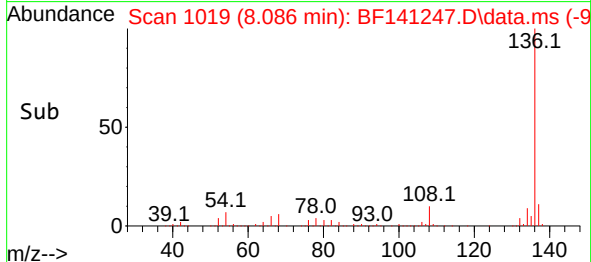
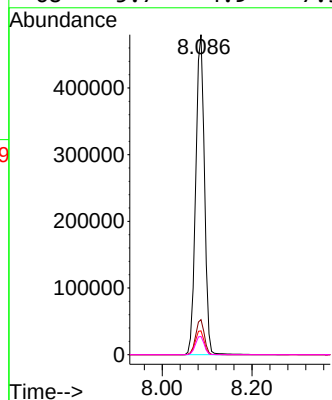
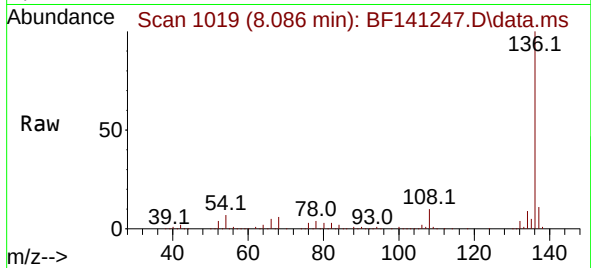




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1019
Delta R.T. -0.018 min
Lab File: BF141247.D
Acq: 23 Jan 2025 13:59

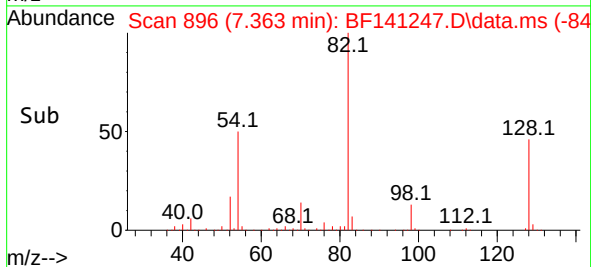
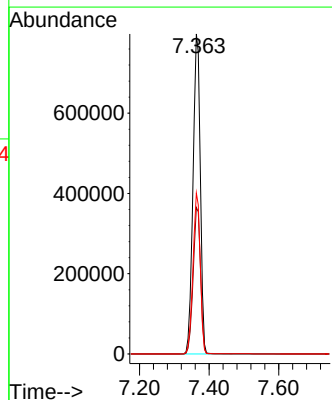
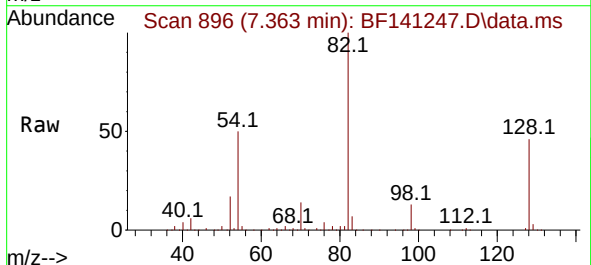
Instrument :
BNA_F
ClientSampleId :
PB166188BL

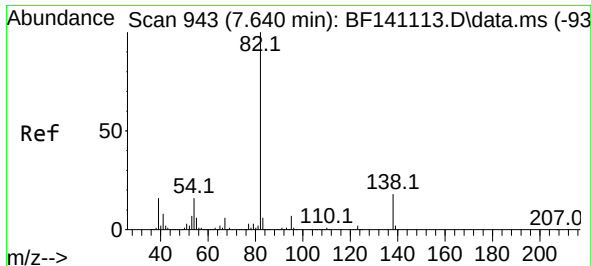
Tgt Ion:136 Resp: 645730
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.4 6.3 9.5
68 5.7 4.9 7.3



#23
Nitrobenzene-d5
Concen: 95.803 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.024 min
Lab File: BF141247.D
Acq: 23 Jan 2025 13:59

Tgt Ion: 82 Resp: 1167042
Ion Ratio Lower Upper
82 100
128 45.8 36.1 54.1
54 50.3 41.0 61.4

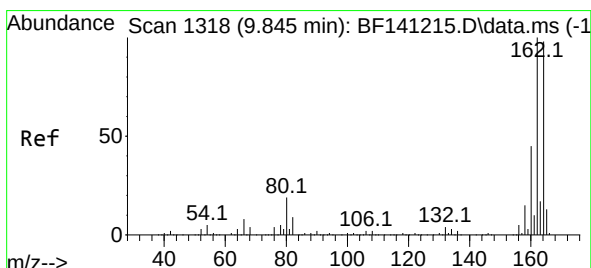
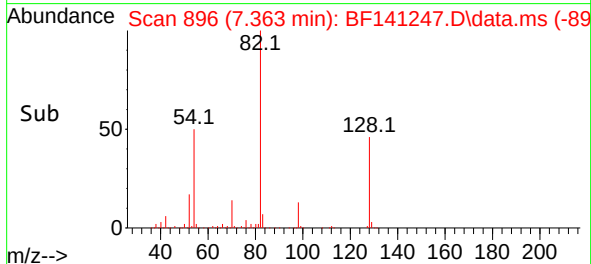
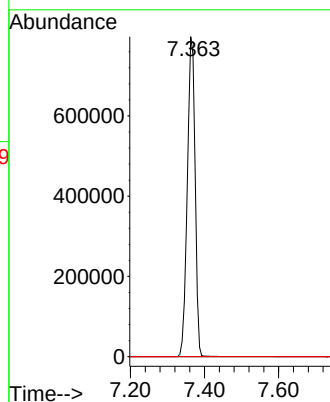
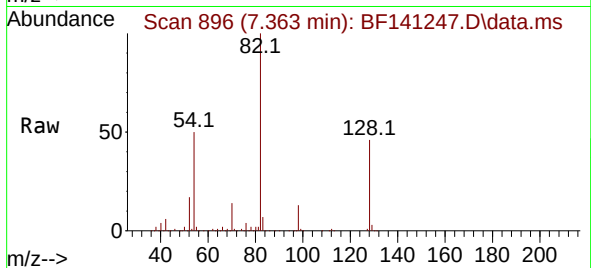




#25
Isophorone
Concen: 55.804 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.277 min
Lab File: BF141247.D
Acq: 23 Jan 2025 13:59

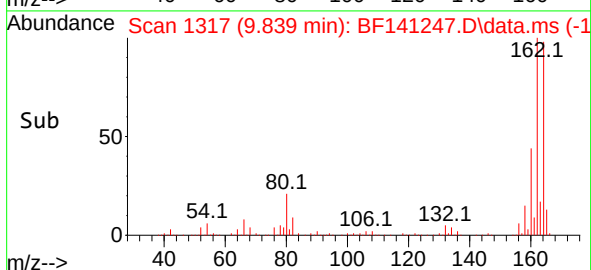
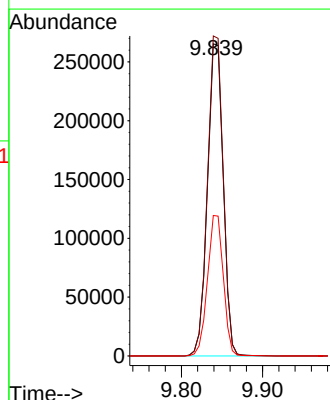
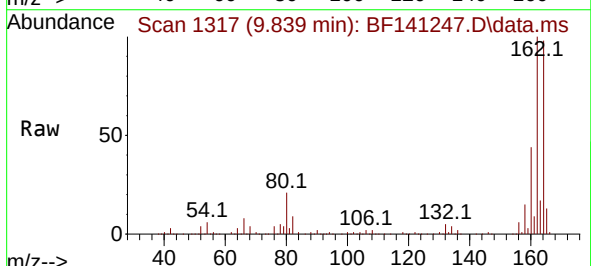
Instrument :
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ClientSampleId :
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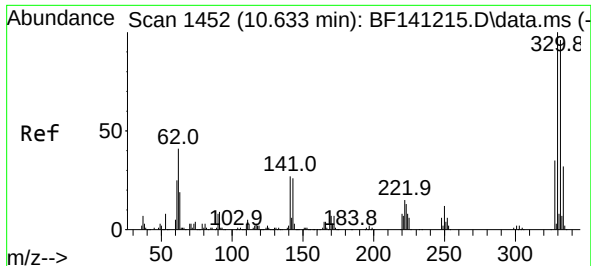
Tgt Ion: 82 Resp: 1161720
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1317
Delta R.T. -0.024 min
Lab File: BF141247.D
Acq: 23 Jan 2025 13:59

Tgt Ion:164 Resp: 357703
Ion Ratio Lower Upper
164 100
162 102.5 81.0 121.4
160 45.0 36.1 54.1

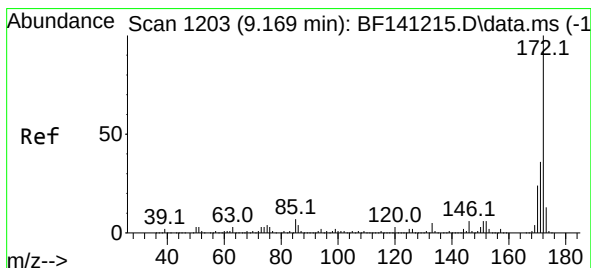
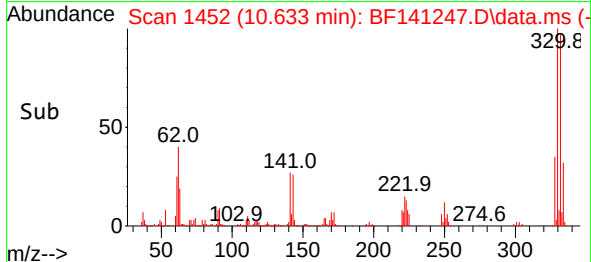
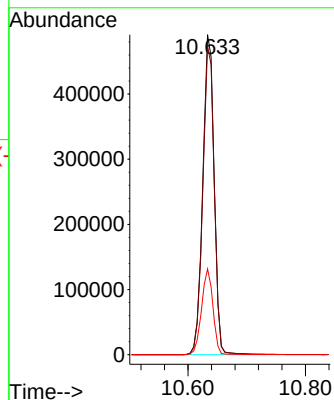
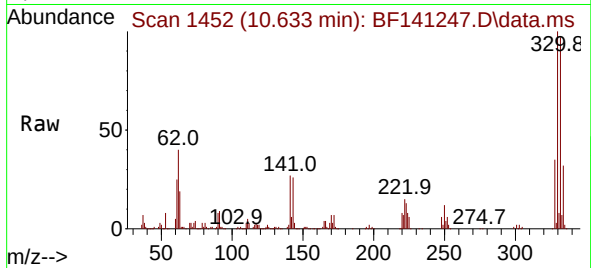




#42
2,4,6-Tribromophenol
Concen: 162.572 ng
RT: 10.633 min Scan# 1452
Delta R.T. -0.018 min
Lab File: BF141247.D
Acq: 23 Jan 2025 13:59

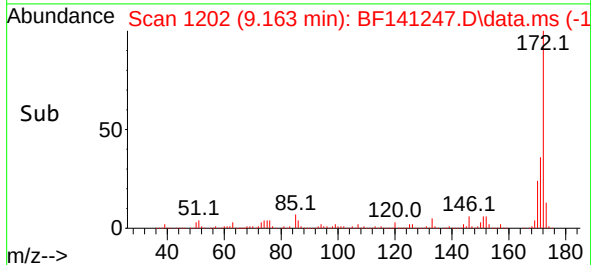
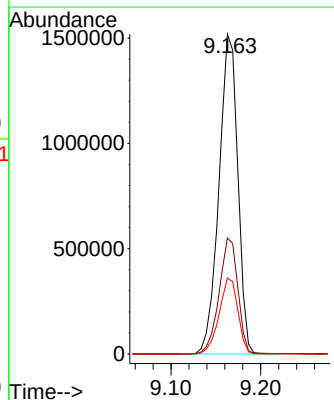
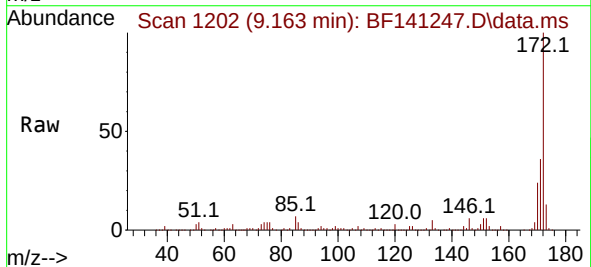
Instrument :
BNA_F
ClientSampleId :
PB166188BL

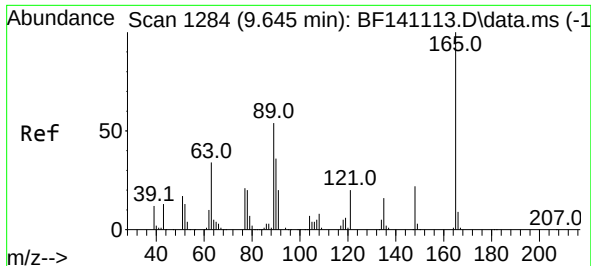
Tgt Ion:330 Resp: 662608
Ion Ratio Lower Upper
330 100
332 96.6 76.9 115.3
141 26.8 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 94.584 ng
RT: 9.163 min Scan# 1202
Delta R.T. -0.018 min
Lab File: BF141247.D
Acq: 23 Jan 2025 13:59

Tgt Ion:172 Resp: 2215588
Ion Ratio Lower Upper
172 100
171 36.2 28.7 43.1
170 23.7 19.0 28.6

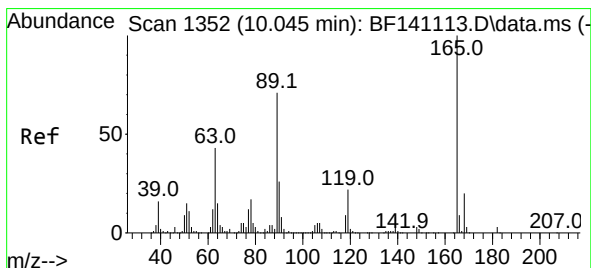
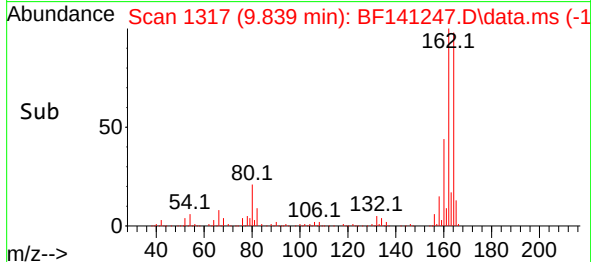
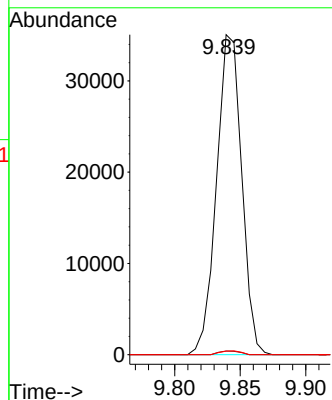
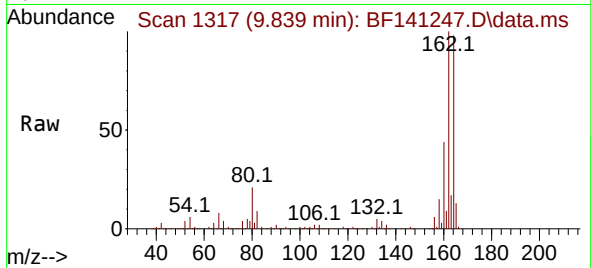




#51
2,6-Dinitrotoluene
Concen: 8.374 ng
RT: 9.839 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF141247.D
Acq: 23 Jan 2025 13:59

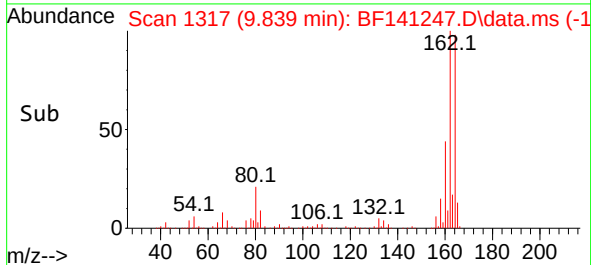
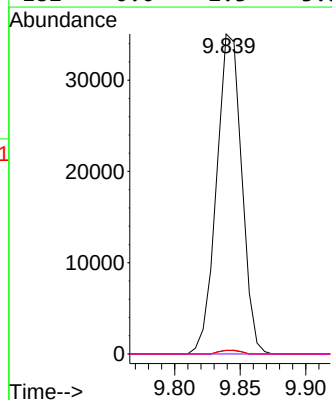
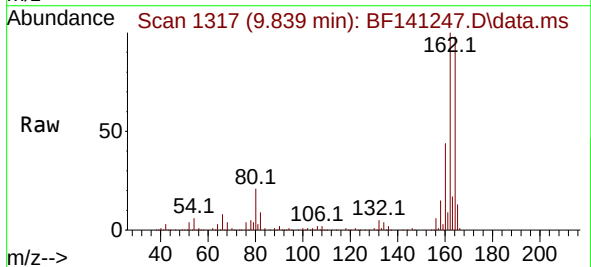
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ClientSampleId :
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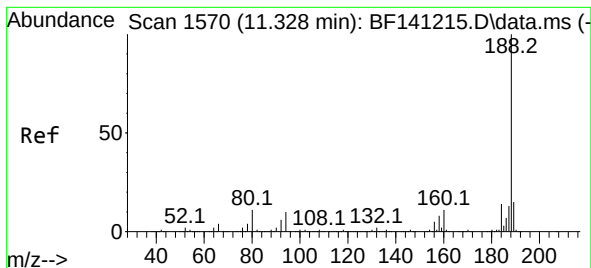
Tgt Ion:165 Resp: 46761
Ion Ratio Lower Upper
165 100
63 1.1 42.3 63.5#
89 1.1 43.1 64.7#



#57
2,4-Dinitrotoluene
Concen: 6.498 ng
RT: 9.839 min Scan# 1317
Delta R.T. -0.206 min
Lab File: BF141247.D
Acq: 23 Jan 2025 13:59

Tgt Ion:165 Resp: 46761
Ion Ratio Lower Upper
165 100
63 1.1 35.0 52.4#
89 1.1 56.7 85.1#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.333 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141247.D

Acq: 23 Jan 2025 13:59

Instrument :

BNA_F

ClientSampleId :

PB166188BL

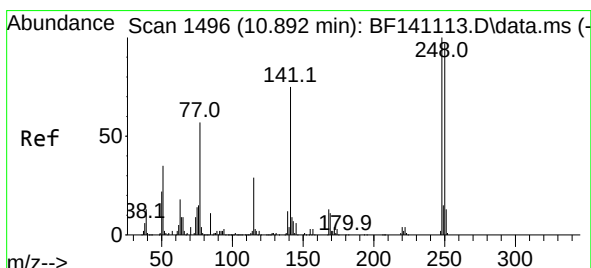
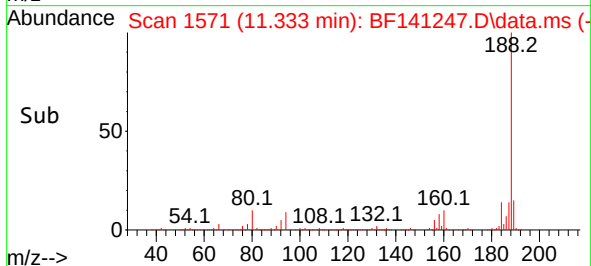
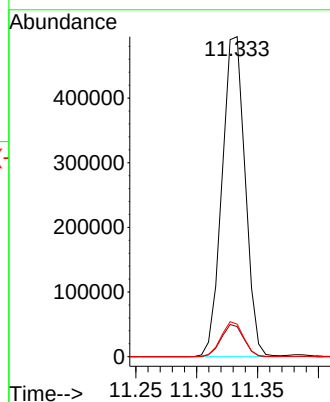
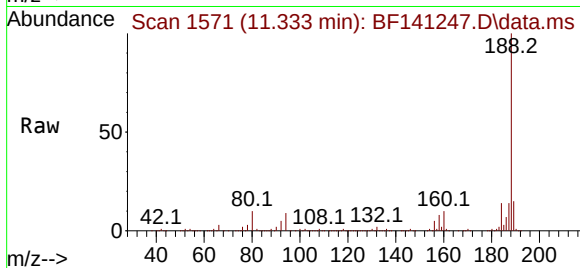
Tgt Ion:188 Resp: 654279

Ion Ratio Lower Upper

188 100

94 9.4 8.3 12.5

80 10.1 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 5.323 ng

RT: 10.633 min Scan# 1452

Delta R.T. -0.259 min

Lab File: BF141247.D

Acq: 23 Jan 2025 13:59

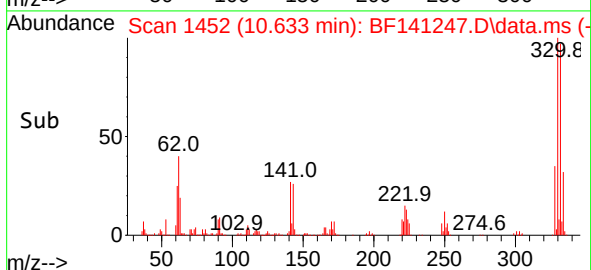
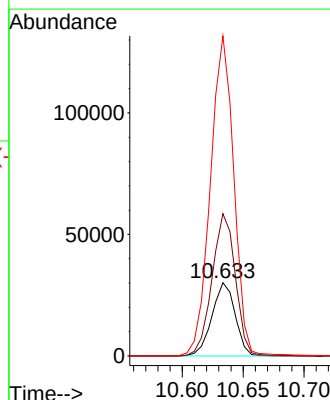
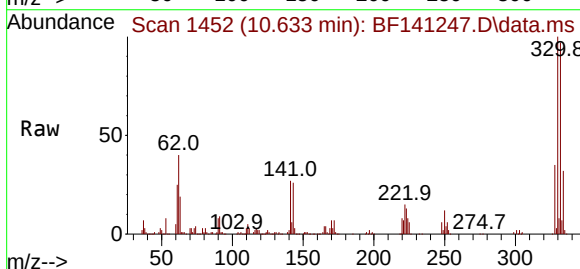
Tgt Ion:248 Resp: 40094

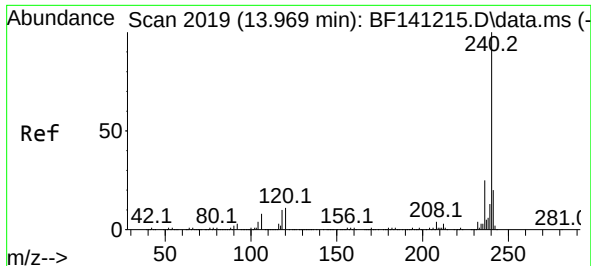
Ion Ratio Lower Upper

248 100

250 194.3 77.9 116.9#

141 436.8 59.9 89.9#

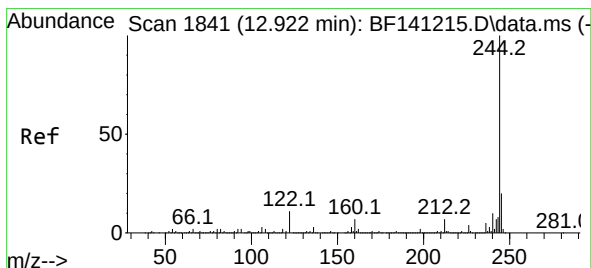
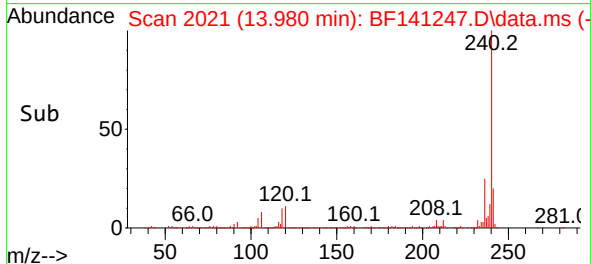
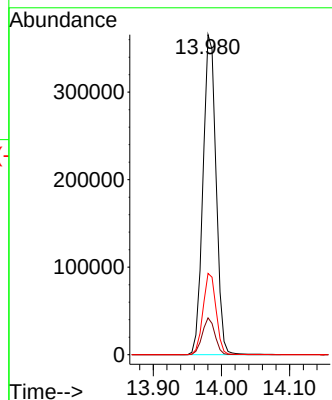
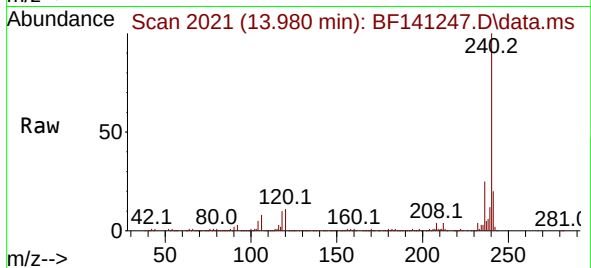




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF141247.D
Acq: 23 Jan 2025 13:59

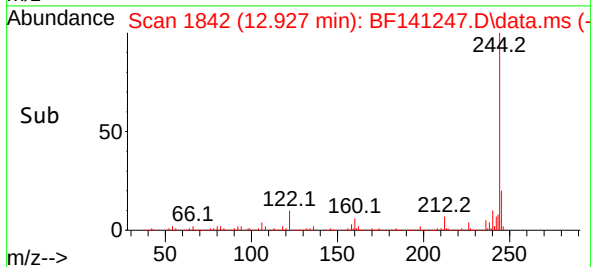
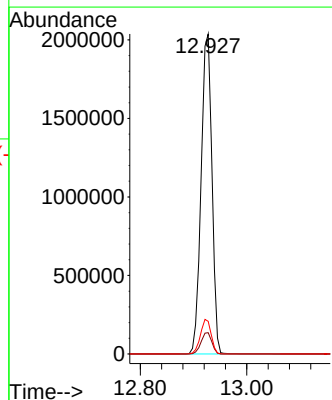
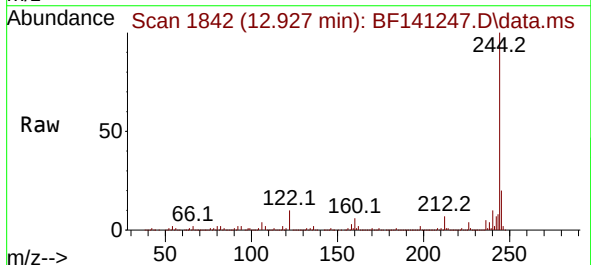
Instrument :
BNA_F
ClientSampleId :
PB166188BL

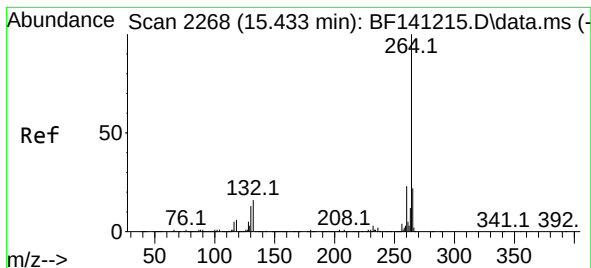
Tgt Ion:240 Resp: 487400
Ion Ratio Lower Upper
240 100
120 11.5 9.1 13.7
236 25.4 19.8 29.6



#79
Terphenyl-d14
Concen: 87.533 ng
RT: 12.927 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BF141247.D
Acq: 23 Jan 2025 13:59

Tgt Ion:244 Resp: 2870451
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.2
122 10.2 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.474 min Scan# 21

Delta R.T. 0.035 min

Lab File: BF141247.D

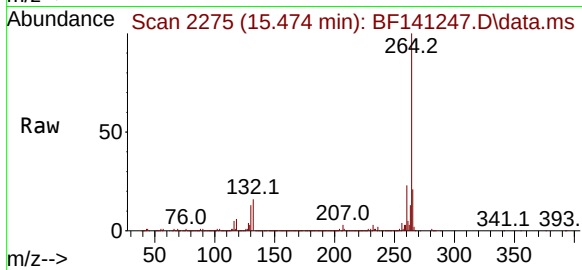
Acq: 23 Jan 2025 13:59

Instrument :

BNA_F

ClientSampleId :

PB166188BL



Tgt Ion:264 Resp: 355598

Ion Ratio Lower Upper

264 100

260 23.1 18.6 28.0

265 21.3 17.4 26.0

