

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012725\
 Data File : BF141269.D
 Acq On : 27 Jan 2025 13:45
 Operator : RC/JU
 Sample : Q1183-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-237

Quant Time: Jan 27 14:08:12 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)

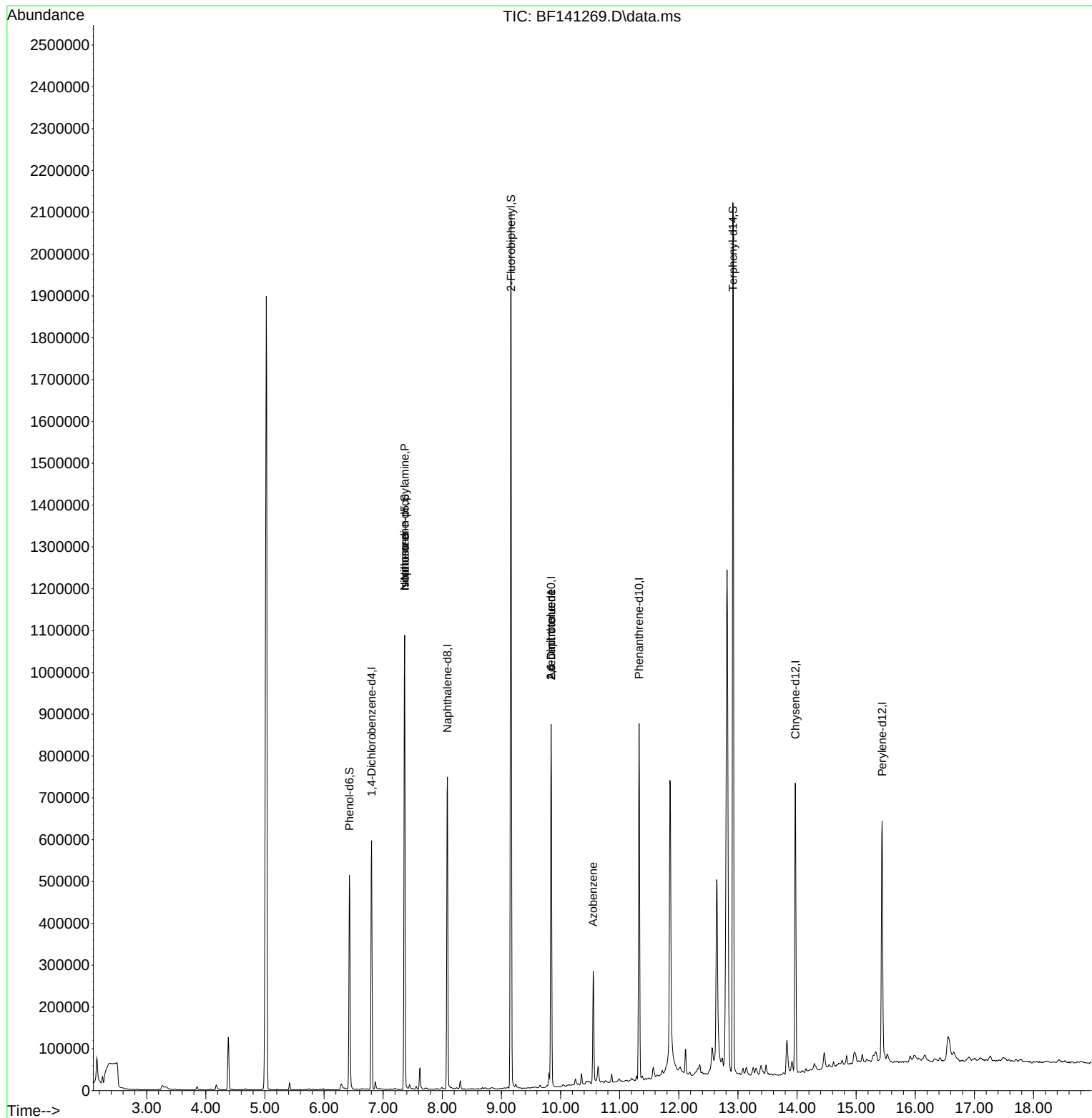
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	125535	20.000	ng	-0.02
21) Naphthalene-d8	8.087	136	493607	20.000	ng	-0.02
39) Acenaphthene-d10	9.839	164	259388	20.000	ng	-0.02
64) Phenanthrene-d10	11.328	188	425081	20.000	ng	-0.02
76) Chrysene-d12	13.974	240	348678	20.000	ng	-0.01
86) Perylene-d12	15.439	264	342478	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	5546	0.682	ng	-0.01
7) Phenol-d6	6.428	99	249899	24.277	ng	-0.02
23) Nitrobenzene-d5	7.363	82	486448	52.240	ng	-0.02
42) 2,4,6-Tribromophenol	10.628	330	306	0.104	ng	-0.02
45) 2-Fluorobiphenyl	9.163	172	973677	57.321	ng	-0.02
79) Terphenyl-d14	12.916	244	1049630	44.742	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.363	70	66249	10.926	ng	# 75
25) Isophorone	7.363	82	482308	30.308	ng	# 65
51) 2,6-Dinitrotoluene	9.839	165	33186	8.195	ng	# 27
57) 2,4-Dinitrotoluene	9.839	165	33188	6.359	ng	# 25
63) Azobenzene	10.551	77	70455	4.200	ng	# 1

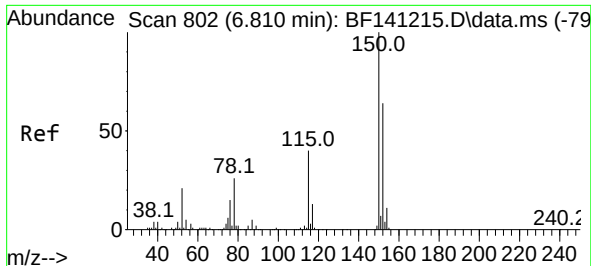
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012725\
Data File : BF141269.D
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Misc :
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BNA_F
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Quant Time: Jan 27 14:08:12 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

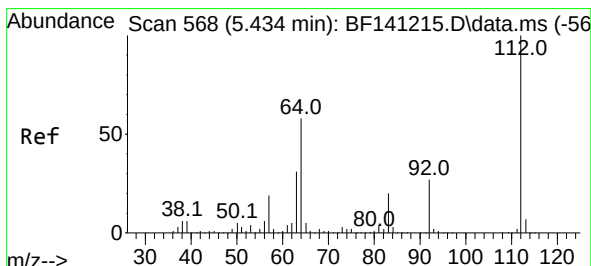
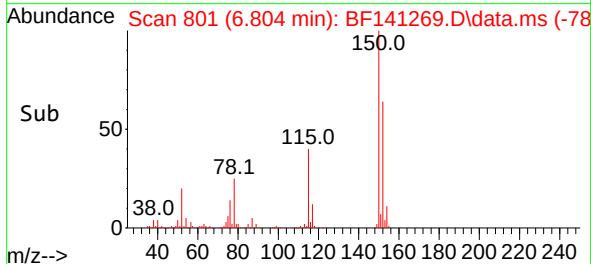
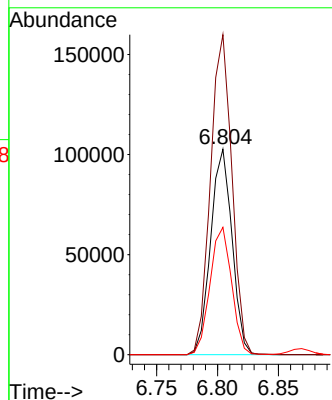
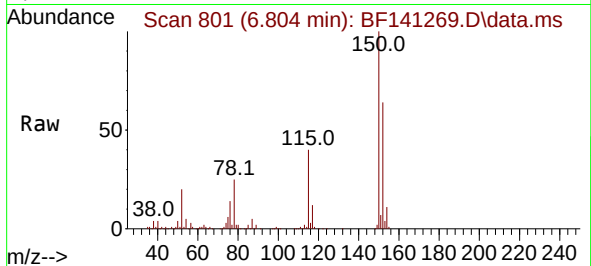




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 801
 Delta R.T. -0.018 min
 Lab File: BF141269.D
 Acq: 27 Jan 2025 13:45

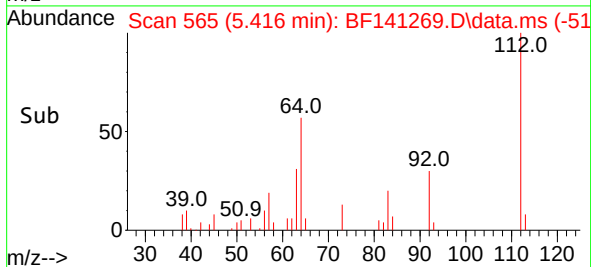
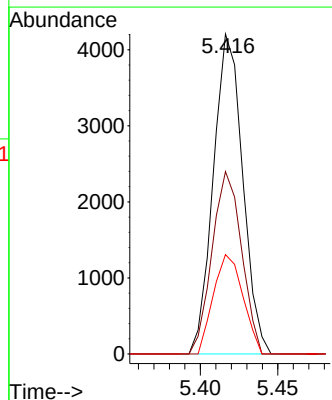
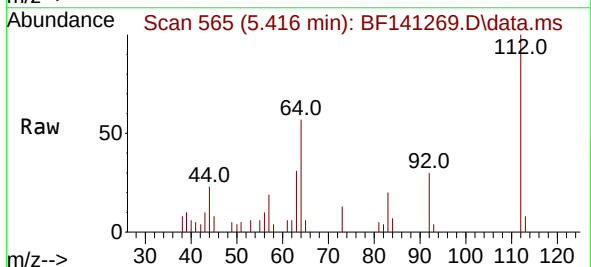
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-237

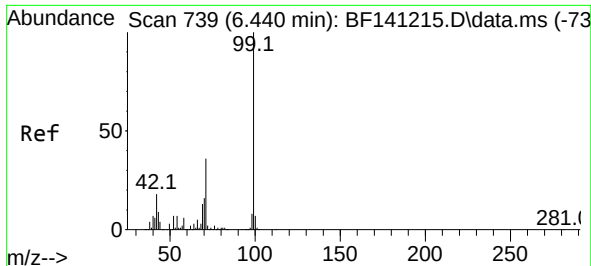
Tgt Ion:152 Resp: 125535
 Ion Ratio Lower Upper
 152 100
 150 155.7 125.8 188.8
 115 62.0 51.4 77.2



#5
 2-Fluorophenol
 Concen: 0.682 ng
 RT: 5.416 min Scan# 565
 Delta R.T. -0.012 min
 Lab File: BF141269.D
 Acq: 27 Jan 2025 13:45

Tgt Ion:112 Resp: 5546
 Ion Ratio Lower Upper
 112 100
 64 57.0 47.3 70.9
 63 31.1 24.2 36.2

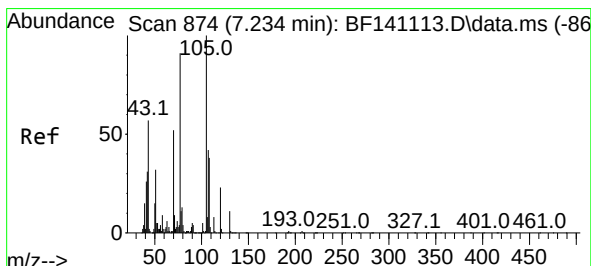
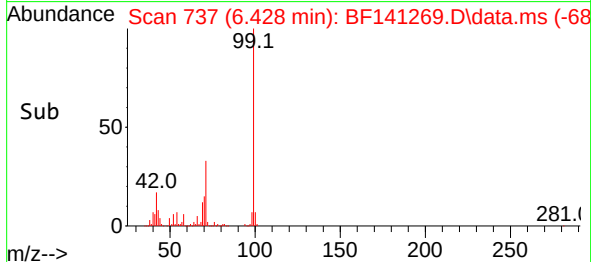
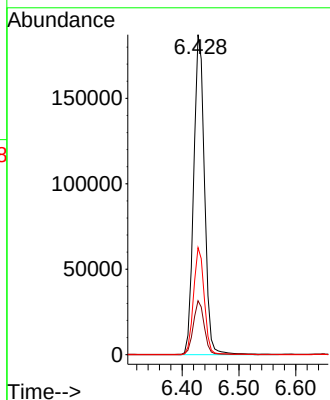
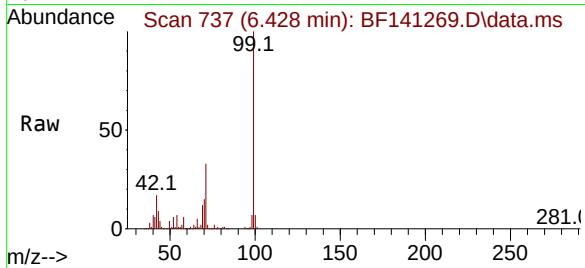




#7
Phenol-d6
Concen: 24.277 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF141269.D
Acq: 27 Jan 2025 13:45

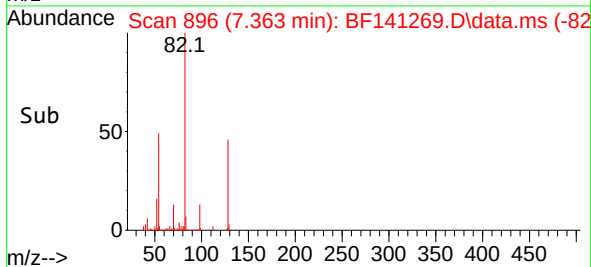
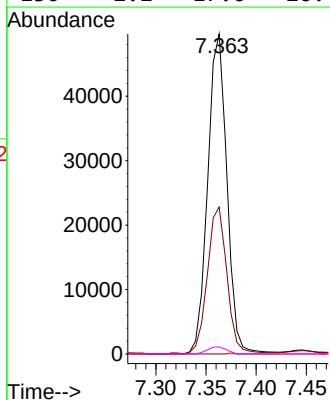
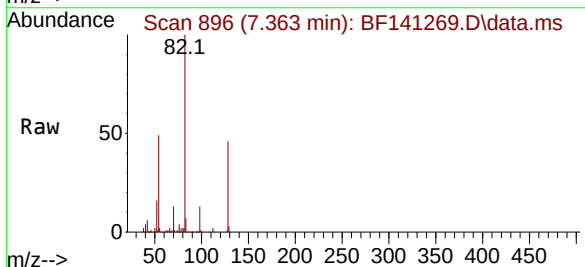
Instrument :
BNA_F
ClientSampleId :
VNJ-237

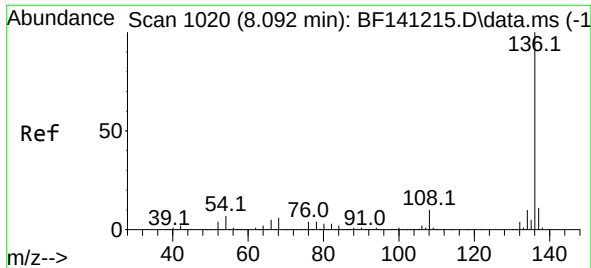
Tgt Ion: 99 Resp: 249899
Ion Ratio Lower Upper
99 100
42 16.8 15.0 22.4
71 33.4 27.6 41.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.926 ng
RT: 7.363 min Scan# 896
Delta R.T. 0.130 min
Lab File: BF141269.D
Acq: 27 Jan 2025 13:45

Tgt Ion: 70 Resp: 66249
Ion Ratio Lower Upper
70 100
42 45.9 47.8 71.6#
101 0.0 7.9 11.9#
130 2.2 17.6 26.4#



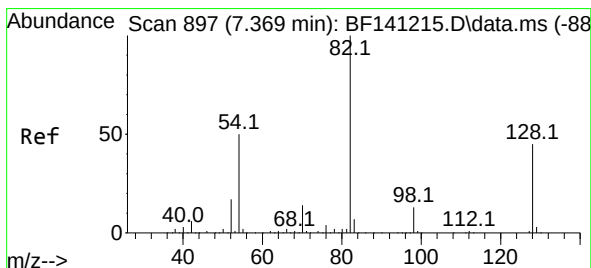
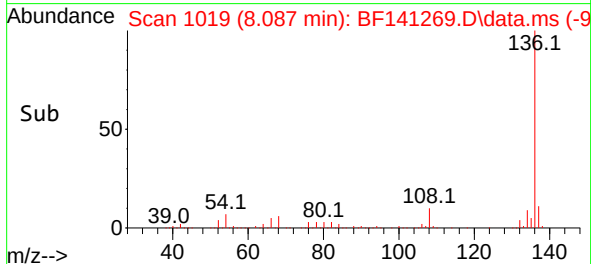
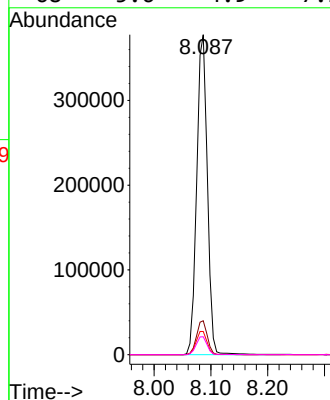
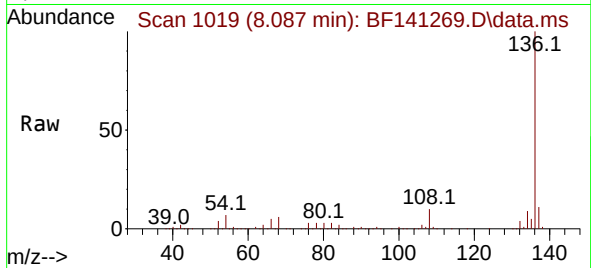


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 1020
Delta R.T. -0.018 min
Lab File: BF141269.D
Acq: 27 Jan 2025 13:45

Instrument :
BNA_F
ClientSampleId :
VNJ-237

Tgt Ion:136 Resp: 493607

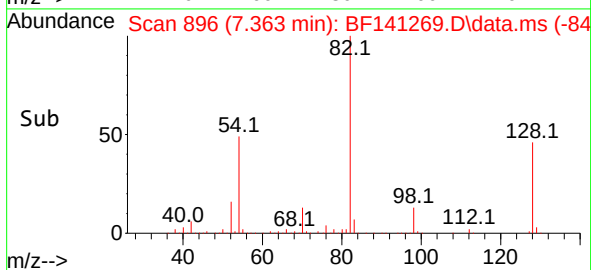
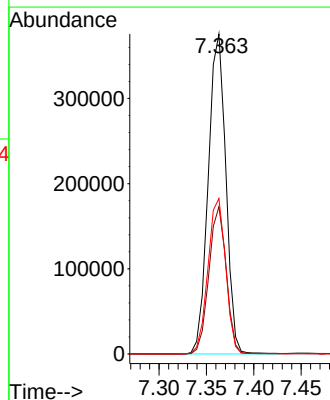
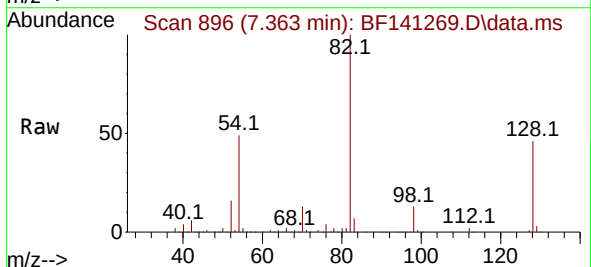
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.2	6.3	9.5
68	5.6	4.9	7.3

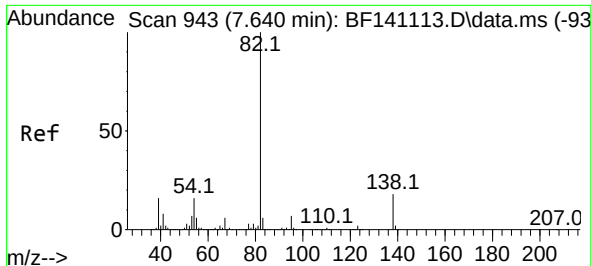


#23
Nitrobenzene-d5
Concen: 52.240 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.023 min
Lab File: BF141269.D
Acq: 27 Jan 2025 13:45

Tgt Ion: 82 Resp: 486448

Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	48.6	41.0	61.4

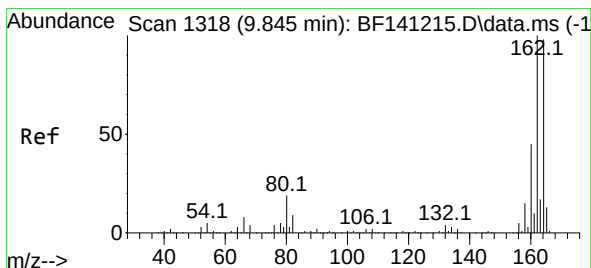
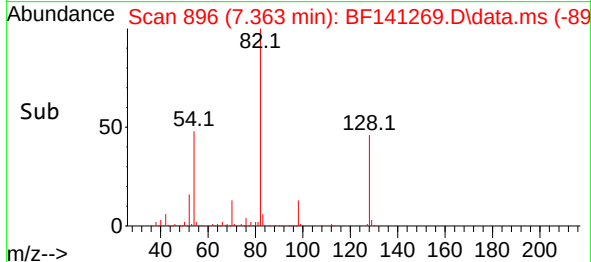
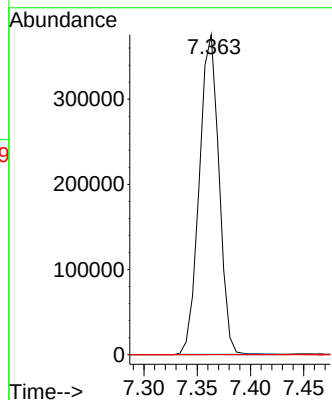
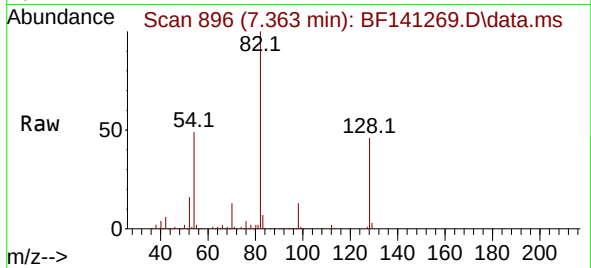




#25
Isophorone
Concen: 30.308 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.276 min
Lab File: BF141269.D
Acq: 27 Jan 2025 13:45

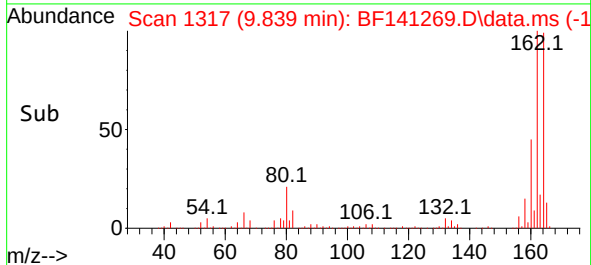
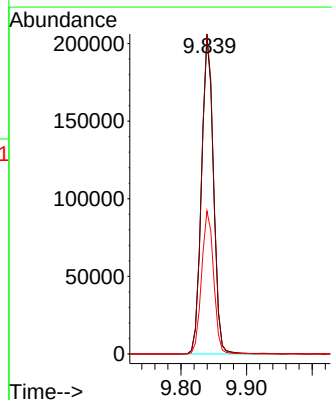
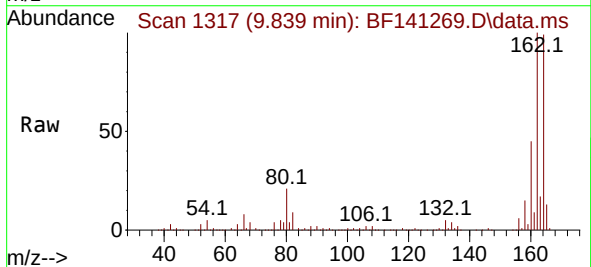
Instrument :
BNA_F
ClientSampleId :
VNJ-237

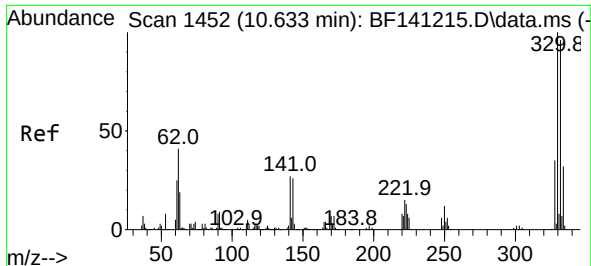
Tgt Ion: 82 Resp: 482308
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1317
Delta R.T. -0.023 min
Lab File: BF141269.D
Acq: 27 Jan 2025 13:45

Tgt Ion: 164 Resp: 259388
Ion Ratio Lower Upper
164 100
162 101.2 81.0 121.4
160 45.2 36.1 54.1





#42

2,4,6-Tribromophenol

Concen: 0.104 ng

RT: 10.628 min Scan# 1451

Delta R.T. -0.023 min

Lab File: BF141269.D

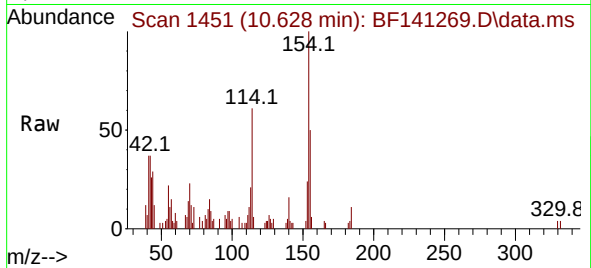
Acq: 27 Jan 2025 13:45

Instrument :

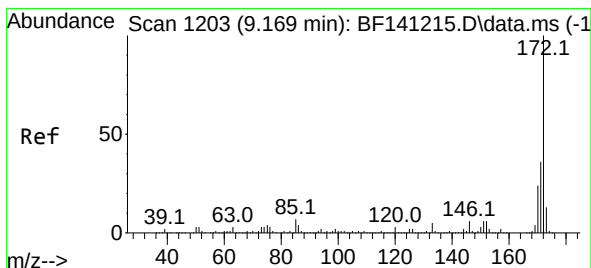
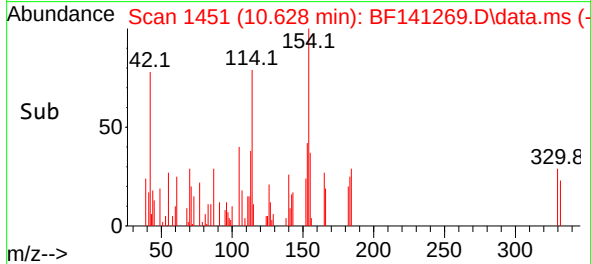
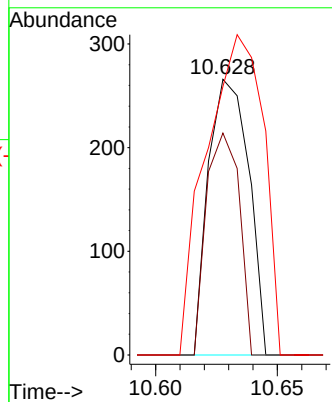
BNA_F

ClientSampleId :

VNJ-237



Tgt Ion:	330	Resp:	306
Ion Ratio	Lower	Upper	
330	100		
332	66.0	76.9	115.3#
141	164.7	25.2	37.8#



#45

2-Fluorobiphenyl

Concen: 57.321 ng

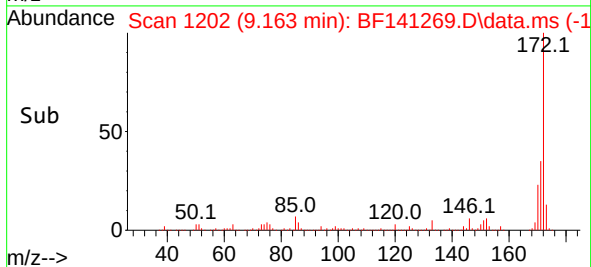
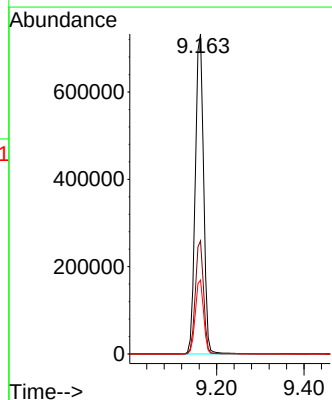
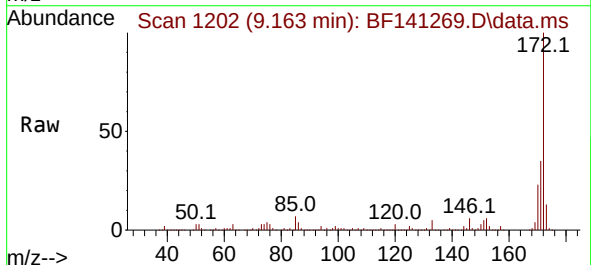
RT: 9.163 min Scan# 1202

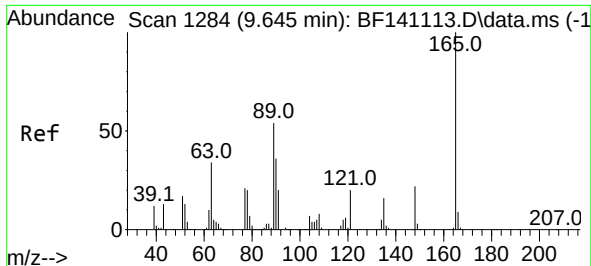
Delta R.T. -0.018 min

Lab File: BF141269.D

Acq: 27 Jan 2025 13:45

Tgt Ion:	172	Resp:	973677
Ion Ratio	Lower	Upper	
172	100		
171	35.4	28.7	43.1
170	23.1	19.0	28.6

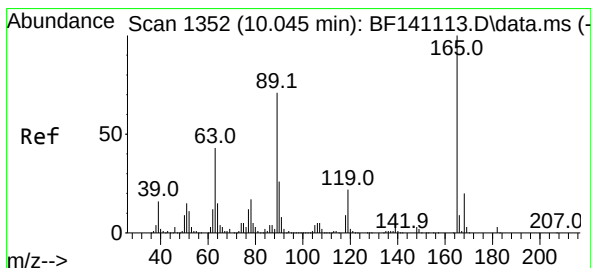
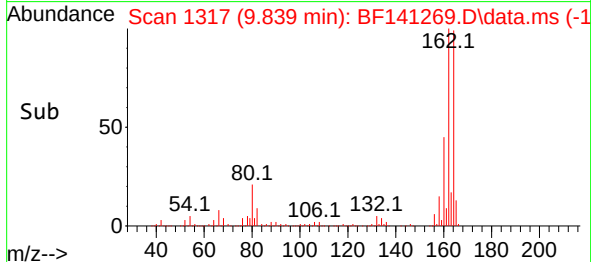
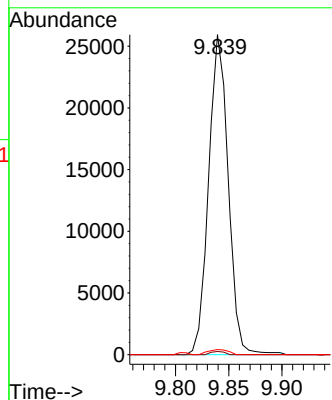
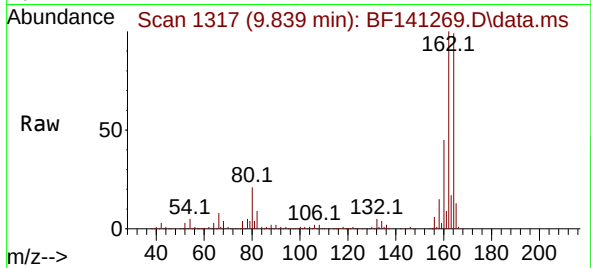




#51
2,6-Dinitrotoluene
Concen: 8.195 ng
RT: 9.839 min Scan# 1317
Delta R.T. 0.194 min
Lab File: BF141269.D
Acq: 27 Jan 2025 13:45

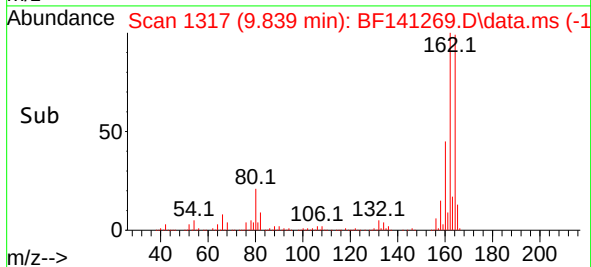
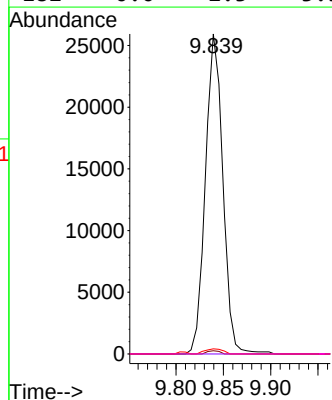
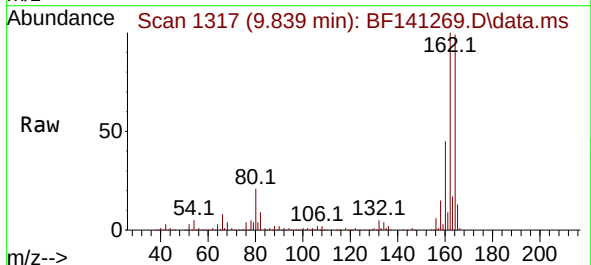
Instrument :
BNA_F
ClientSampleId :
VNJ-237

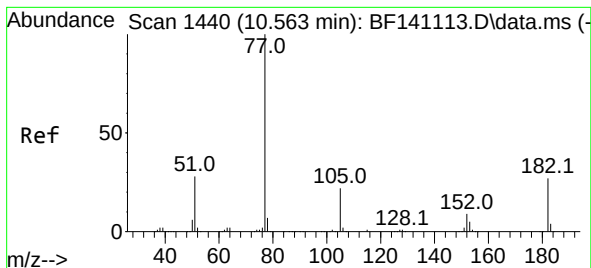
Tgt Ion:165 Resp: 33186
Ion Ratio Lower Upper
165 100
63 1.0 42.3 63.5#
89 1.6 43.1 64.7#



#57
2,4-Dinitrotoluene
Concen: 6.359 ng
RT: 9.839 min Scan# 1317
Delta R.T. -0.206 min
Lab File: BF141269.D
Acq: 27 Jan 2025 13:45

Tgt Ion:165 Resp: 33188
Ion Ratio Lower Upper
165 100
63 1.0 35.0 52.4#
89 1.6 56.7 85.1#
182 0.0 2.3 3.5#





#63

Azobenzene

Concen: 4.200 ng

RT: 10.551 min Scan# 14

Delta R.T. -0.012 min

Lab File: BF141269.D

Acq: 27 Jan 2025 13:45

Instrument :

BNA_F

ClientSampleId :

VNJ-237

Tgt Ion: 77 Resp: 70455

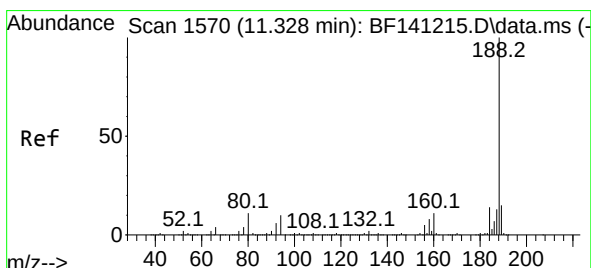
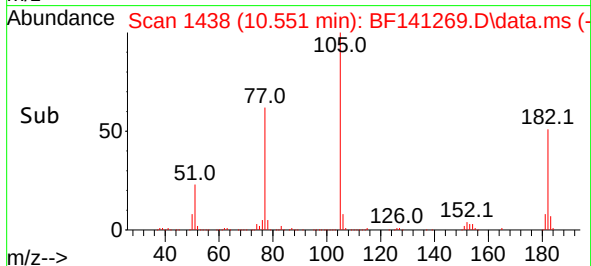
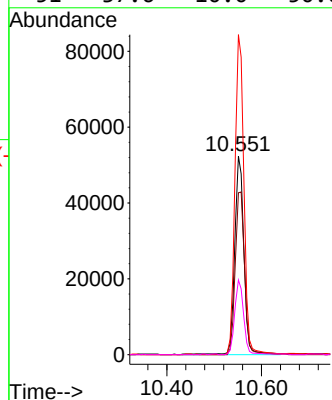
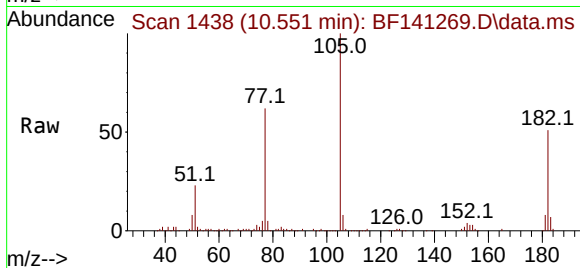
Ion Ratio Lower Upper

77 100

182 81.6 6.1 46.1#

105 161.2 2.1 42.1#

51 37.6 10.0 50.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.328 min Scan# 1570

Delta R.T. -0.018 min

Lab File: BF141269.D

Acq: 27 Jan 2025 13:45

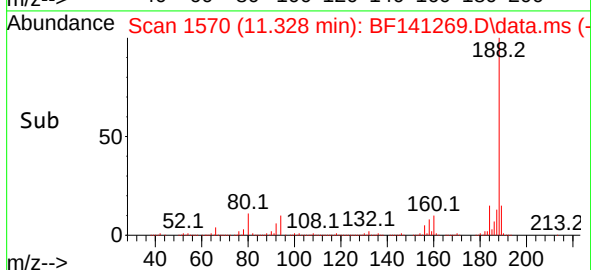
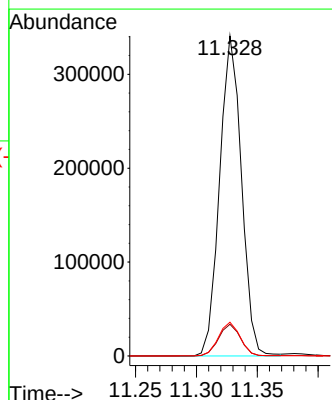
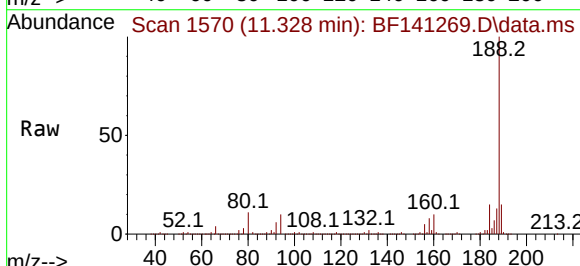
Tgt Ion: 188 Resp: 425081

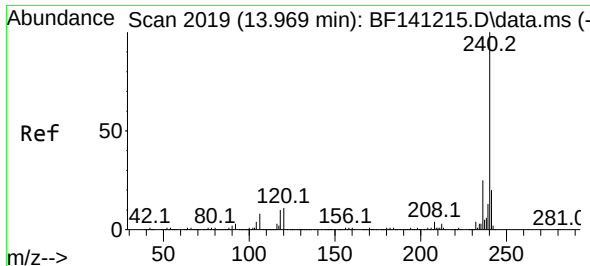
Ion Ratio Lower Upper

188 100

94 9.9 8.3 12.5

80 10.5 9.0 13.4

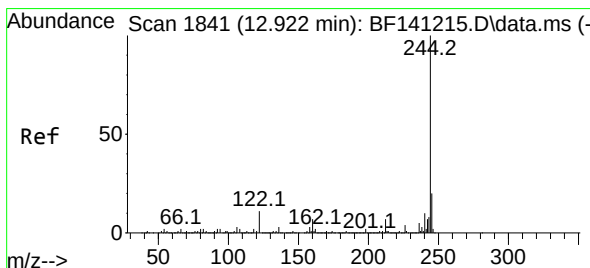
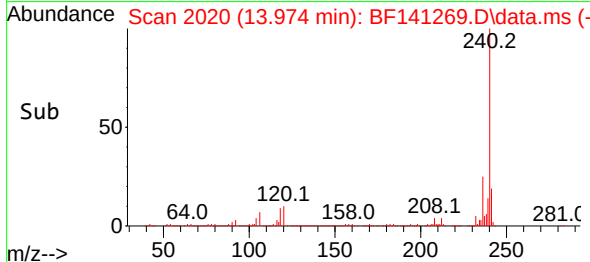
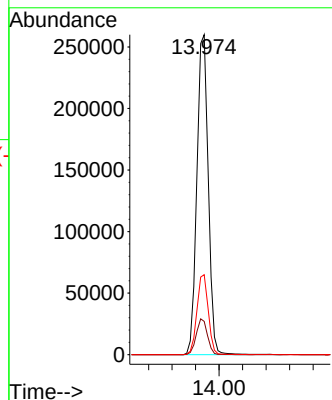
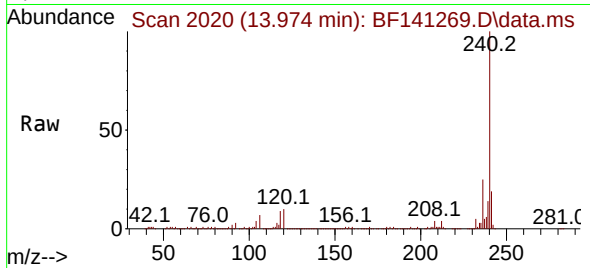




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF141269.D
Acq: 27 Jan 2025 13:45

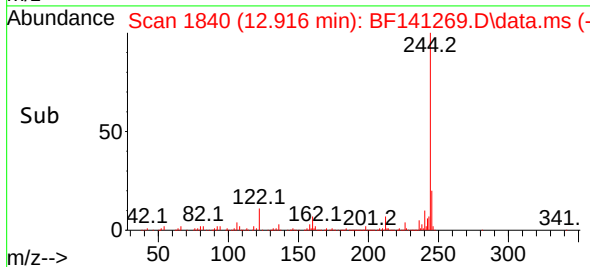
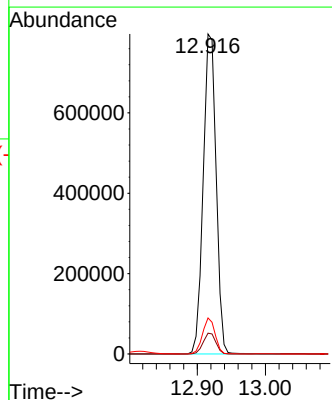
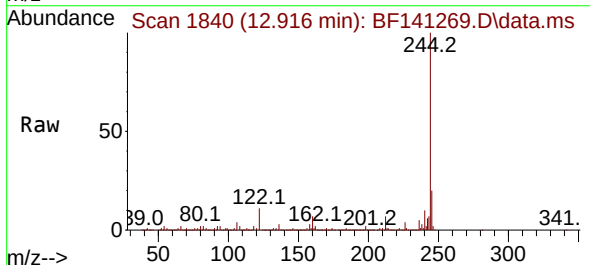
Instrument :
BNA_F
ClientSampleId :
VNJ-237

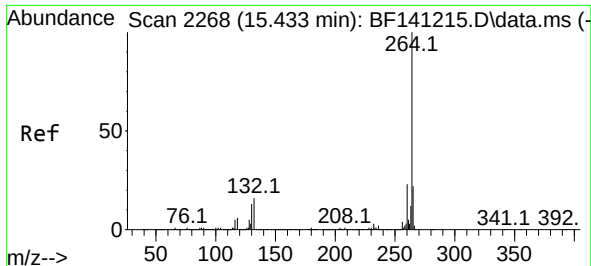
Tgt Ion:240 Resp: 348678
Ion Ratio Lower Upper
240 100
120 10.4 9.1 13.7
236 25.0 19.8 29.6



#79
Terphenyl-d14
Concen: 44.742 ng
RT: 12.916 min Scan# 1840
Delta R.T. -0.018 min
Lab File: BF141269.D
Acq: 27 Jan 2025 13:45

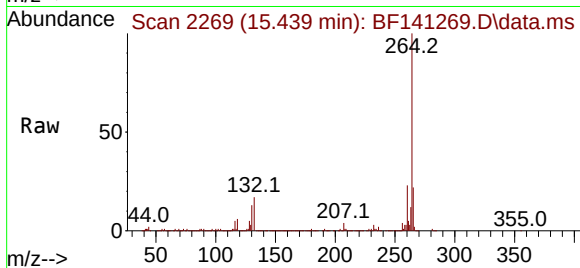
Tgt Ion:244 Resp: 1049630
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.2
122 11.3 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF141269.D
 Acq: 27 Jan 2025 13:45

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-237



Tgt Ion:264 Resp: 342478
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.6 28.0
 265 21.6 17.4 26.0

