

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
 Data File : BF142363.D
 Acq On : 14 May 2025 13:54
 Operator : RC/JU
 Sample : Q2004-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-220

Quant Time: May 14 14:15:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

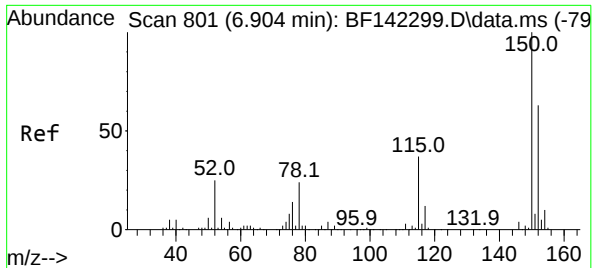
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	204509	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	778930	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	413963	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	713256	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	372889	20.000	ng	0.00
86) Perylene-d12	15.551	264	405035	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	933452	77.917	ng	0.00
7) Phenol-d6	6.516	99	1155711	78.435	ng	0.00
23) Nitrobenzene-d5	7.457	82	684208	53.571	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	352181	88.117	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1459941	50.287	ng	0.00
79) Terphenyl-d14	13.010	244	1289196	51.172	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	92540	10.153	ng	# 77
25) Isophorone	7.457	82	678958	28.073	ng	# 62
51) 2,6-Dinitrotoluene	9.939	165	53719	10.796	ng	# 23
57) 2,4-Dinitrotoluene	9.939	165	53719	8.417	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.722	198	567	7.330	ng	# 1
67) 4-Bromophenyl-phenylether	10.722	248	20777	2.570	ng	# 1
77) Benzidine	13.010	184	16332	2.410	ng	# 96
80) Butylbenzylphthalate	13.486	149	493	3.706	ng	# 61
84) Bis(2-ethylhexyl)phtha...	14.045	149	4737	4.579	ng	# 92
85) Di-n-octyl phthalate	14.657	149	1347	7.889	ng	# 80

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

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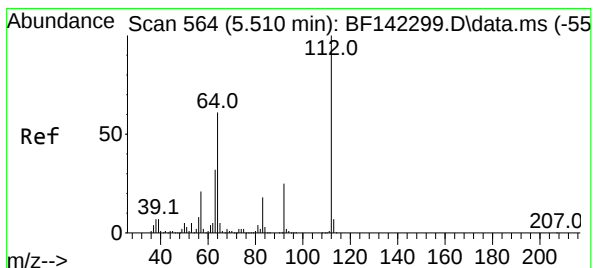
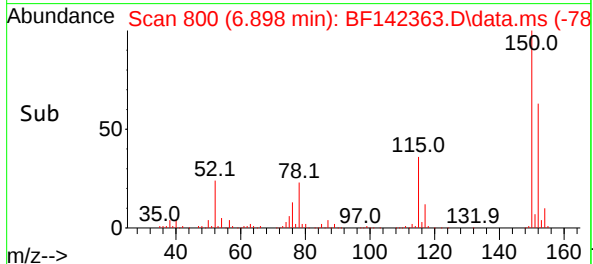
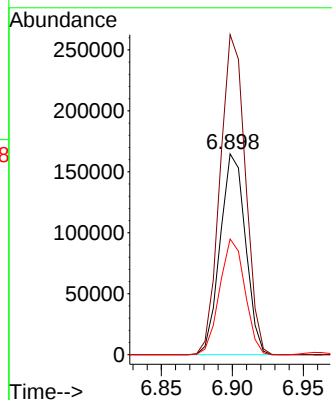
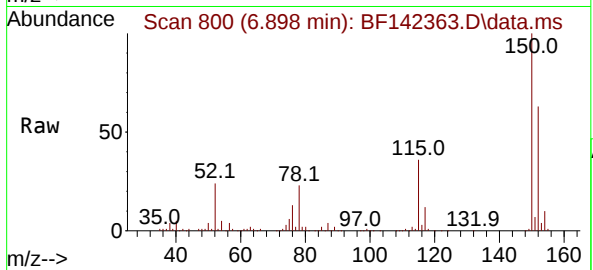




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142363.D
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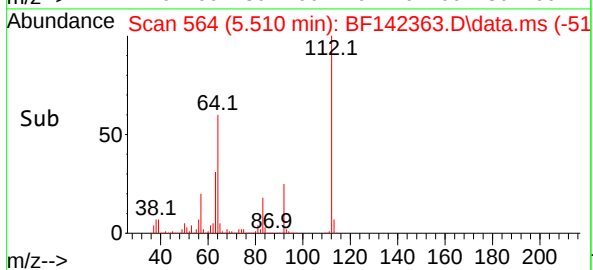
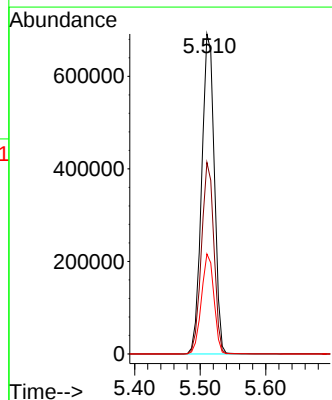
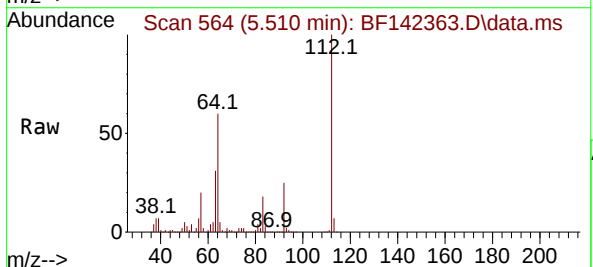
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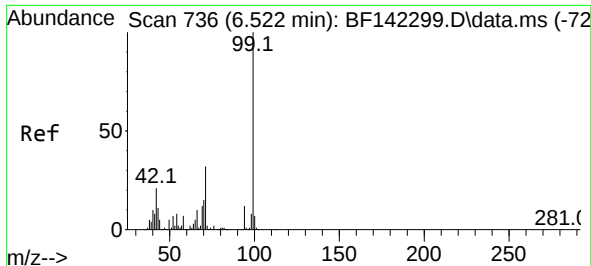
Tgt Ion:152 Resp: 204509
Ion Ratio Lower Upper
152 100
150 159.3 126.6 190.0
115 57.6 47.3 70.9



#5
2-Fluorophenol
Concen: 77.917 ng
RT: 5.510 min Scan# 564
Delta R.T. -0.000 min
Lab File: BF142363.D
Acq: 14 May 2025 13:54

Tgt Ion:112 Resp: 933452
Ion Ratio Lower Upper
112 100
64 59.8 48.9 73.3
63 31.3 25.6 38.4

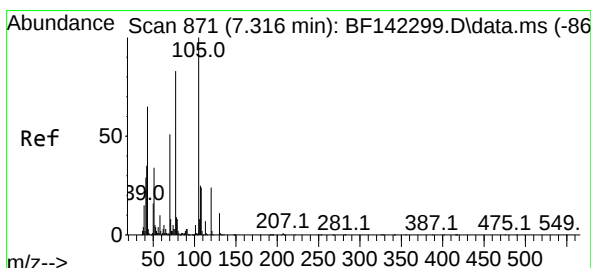
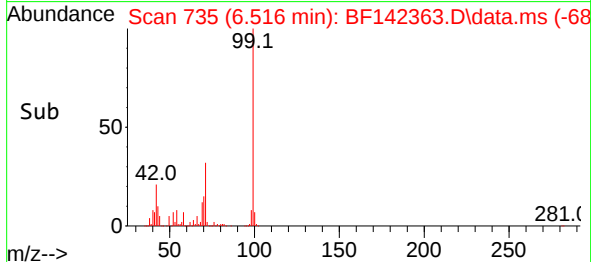
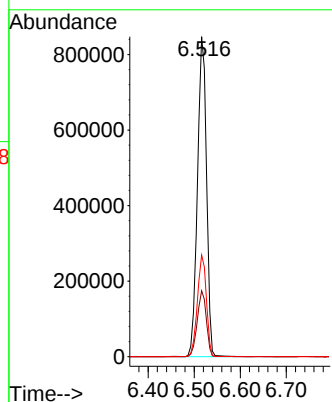
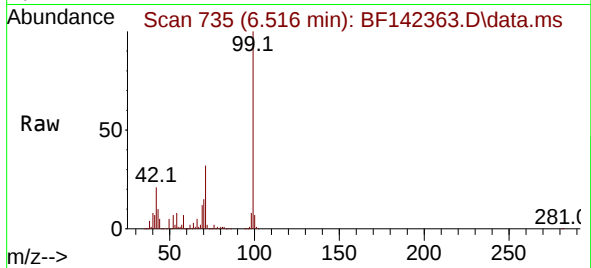




#7
Phenol-d6
Concen: 78.435 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142363.D
Acq: 14 May 2025 13:54

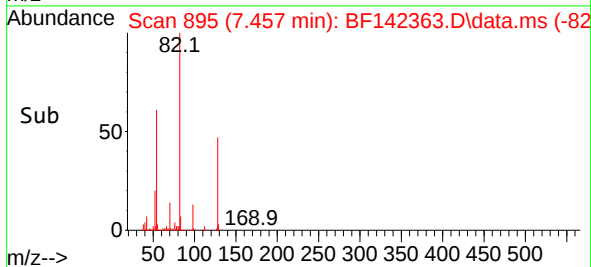
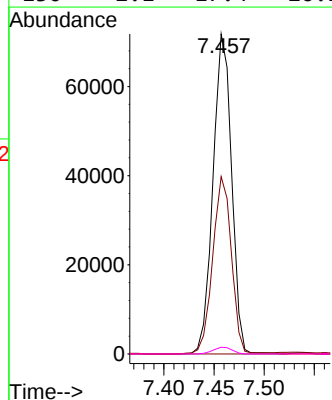
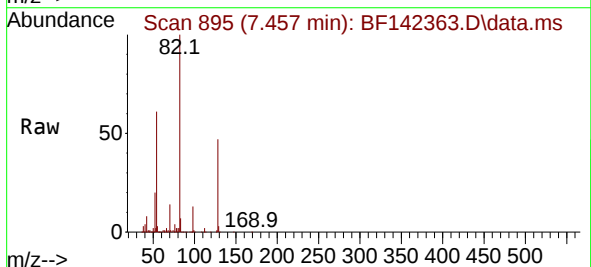
Instrument :
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ClientSampleId :
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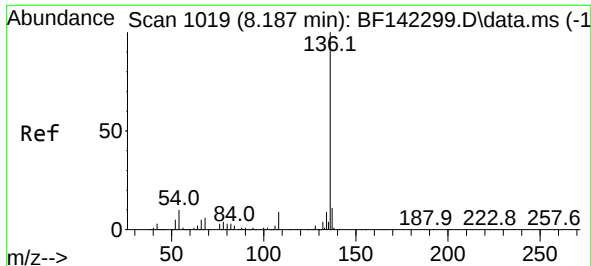
Tgt Ion: 99 Resp: 1155711
Ion Ratio Lower Upper
99 100
42 20.6 17.0 25.4
71 31.8 25.8 38.8



#19
n-Nitroso-di-n-propylamine
Concen: 10.153 ng
RT: 7.457 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF142363.D
Acq: 14 May 2025 13:54

Tgt Ion: 70 Resp: 92540
Ion Ratio Lower Upper
70 100
42 55.4 54.8 82.2
101 0.0 7.7 11.5#
130 2.1 17.4 26.2#

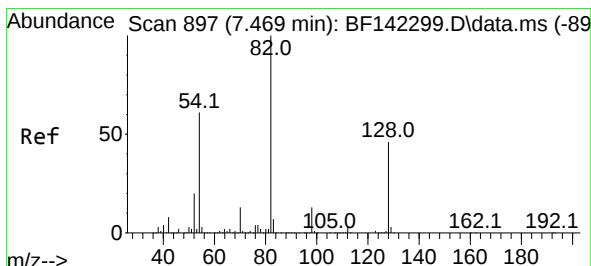
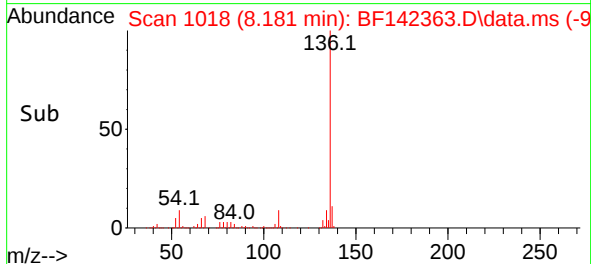
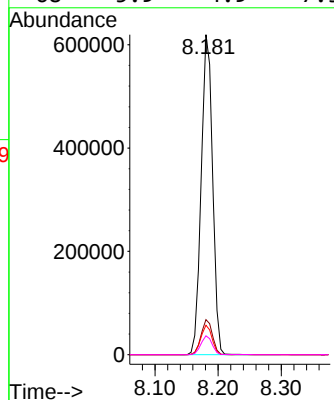
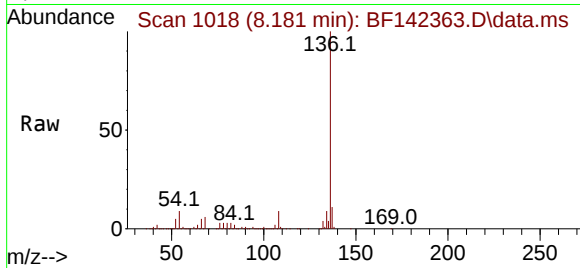




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142363.D
Acq: 14 May 2025 13:54

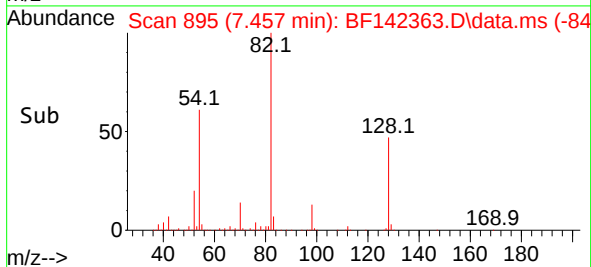
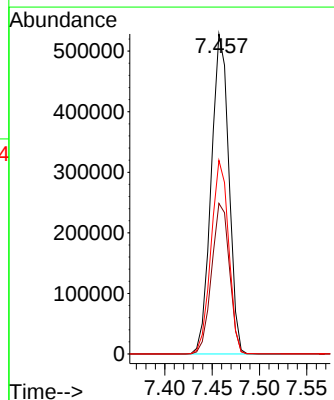
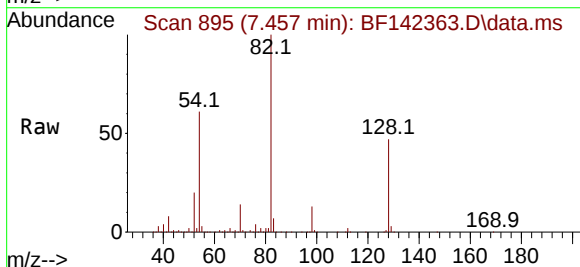
Instrument :
BNA_F
ClientSampleId :
VNJ-220

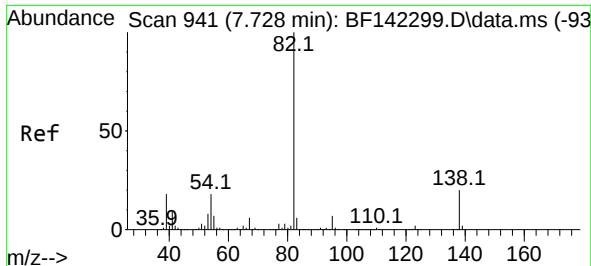
Tgt Ion:136	Resp: 778930
Ion Ratio	Lower Upper
136 100	
137 11.0	8.9 13.3
54 9.2	7.7 11.5
68 5.9	4.9 7.3



#23
Nitrobenzene-d5
Concen: 53.571 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF142363.D
Acq: 14 May 2025 13:54

Tgt Ion: 82	Resp: 684208
Ion Ratio	Lower Upper
82 100	
128 47.1	37.0 55.6
54 60.5	48.6 73.0

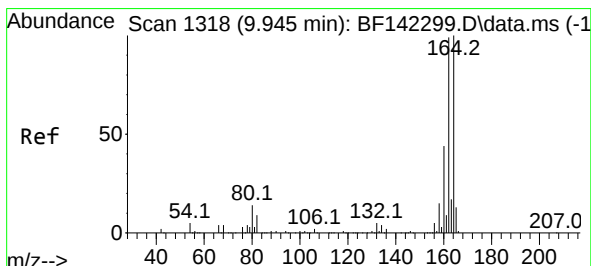
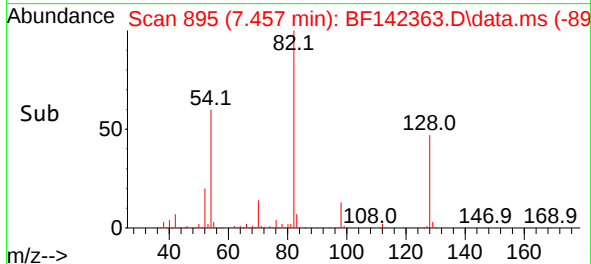
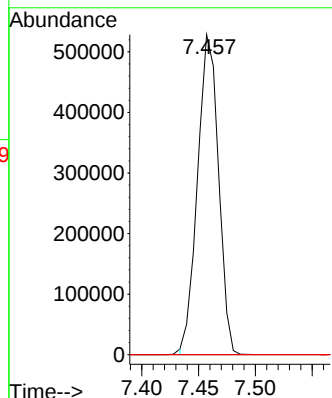
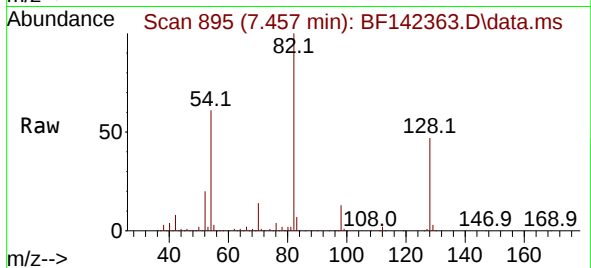




#25
Isophorone
Concen: 28.073 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.271 min
Lab File: BF142363.D
Acq: 14 May 2025 13:54

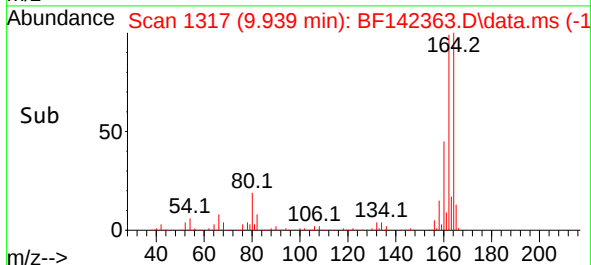
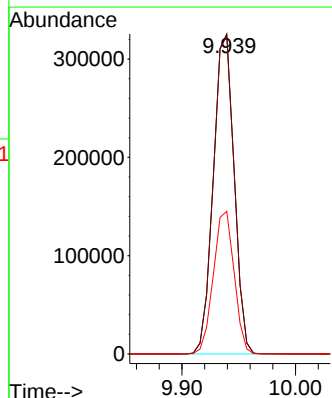
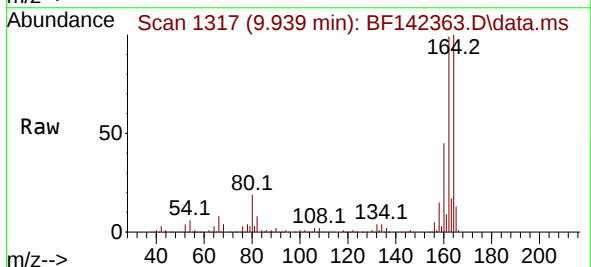
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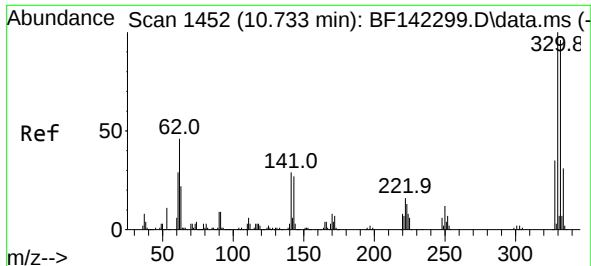
Tgt Ion: 82 Resp: 678958
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 16.1 24.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142363.D
Acq: 14 May 2025 13:54

Tgt Ion: 164 Resp: 413963
Ion Ratio Lower Upper
164 100
162 99.4 79.2 118.8
160 44.6 35.3 52.9

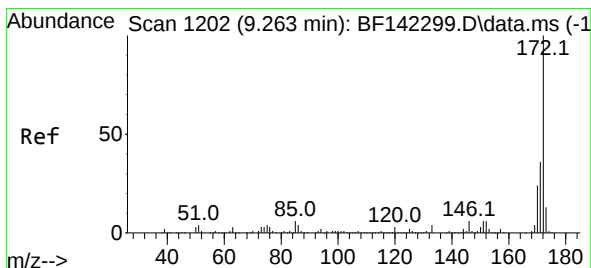
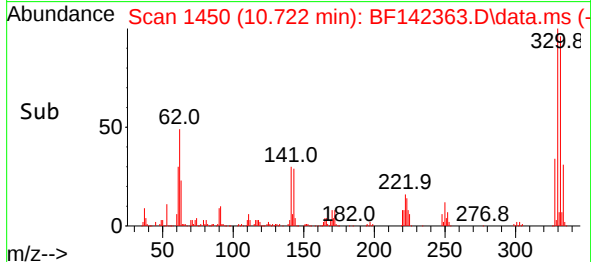
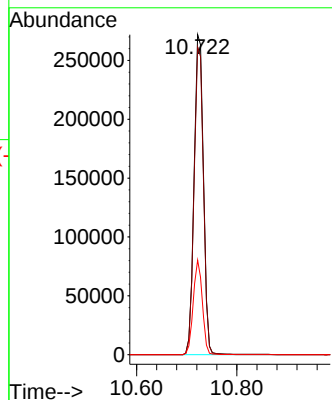
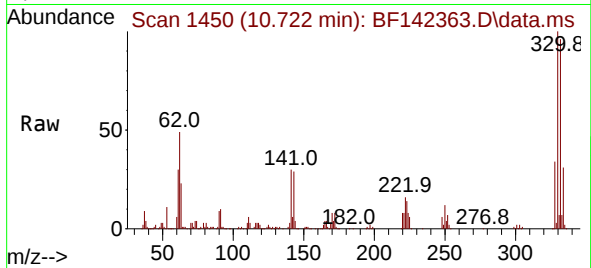




#42
2,4,6-Tribromophenol
Concen: 88.117 ng
RT: 10.722 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF142363.D
Acq: 14 May 2025 13:54

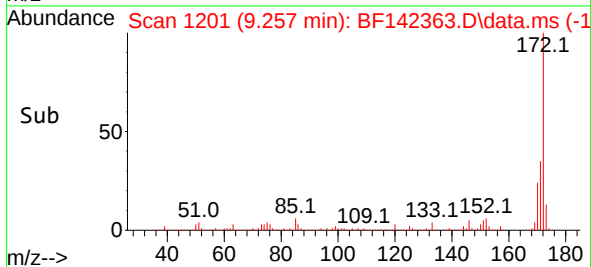
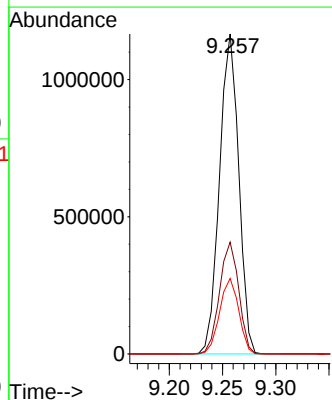
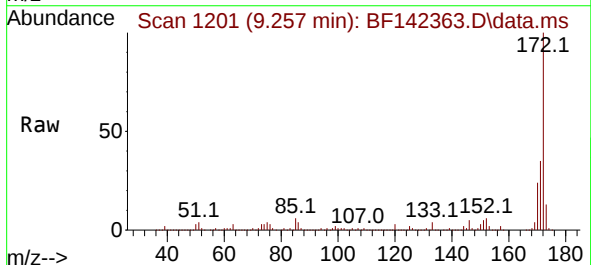
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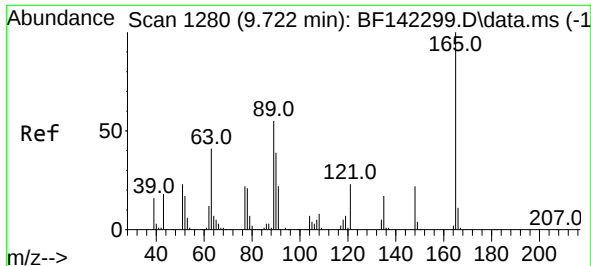
Tgt Ion:330 Resp: 352181
Ion Ratio Lower Upper
330 100
332 96.1 76.8 115.2
141 28.7 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 50.287 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142363.D
Acq: 14 May 2025 13:54

Tgt Ion:172 Resp: 1459941
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 23.6 19.0 28.4

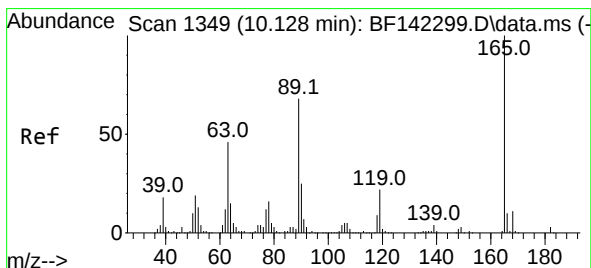
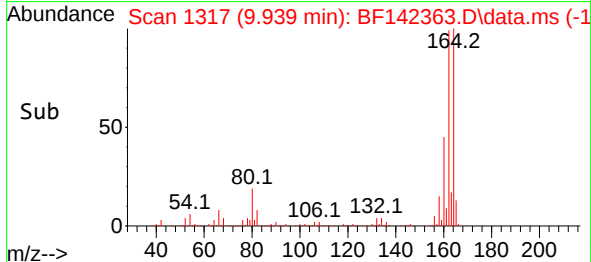
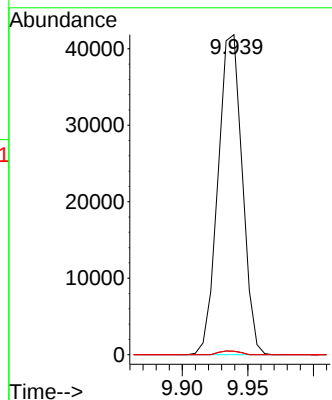
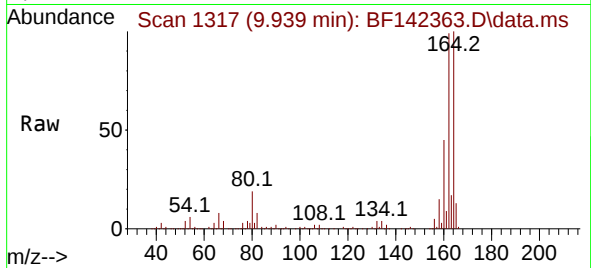




#51
2,6-Dinitrotoluene
Concen: 10.796 ng
RT: 9.939 min Scan# 1317
Delta R.T. 0.218 min
Lab File: BF142363.D
Acq: 14 May 2025 13:54

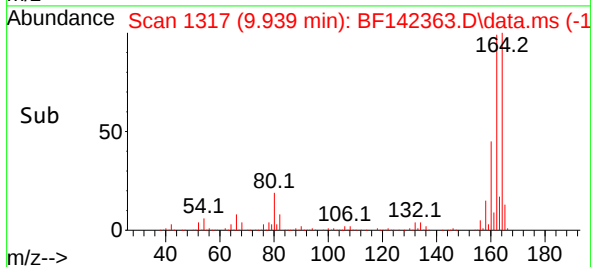
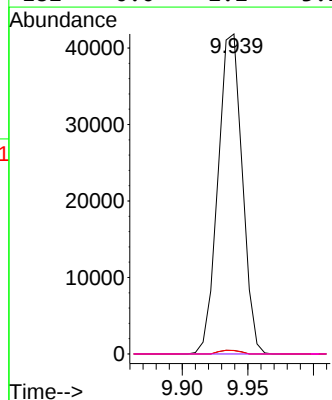
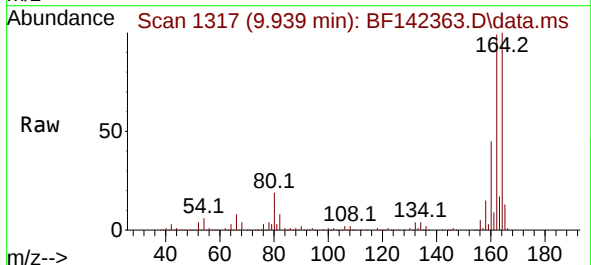
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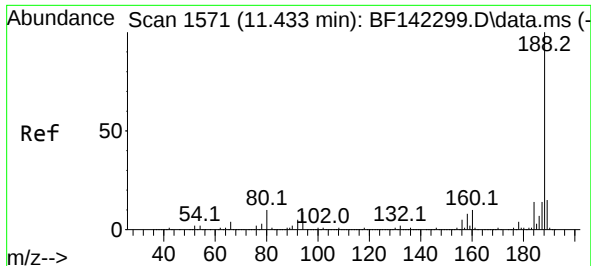
Tgt Ion:165 Resp: 53719
Ion Ratio Lower Upper
165 100
63 1.1 49.5 74.3#
89 1.1 44.6 66.8#



#57
2,4-Dinitrotoluene
Concen: 8.417 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.188 min
Lab File: BF142363.D
Acq: 14 May 2025 13:54

Tgt Ion:165 Resp: 53719
Ion Ratio Lower Upper
165 100
63 1.1 37.1 55.7#
89 1.1 54.4 81.6#
182 0.0 2.2 3.2#

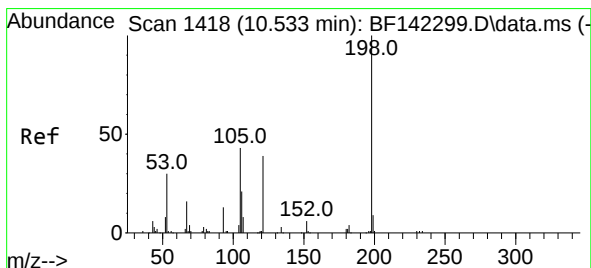
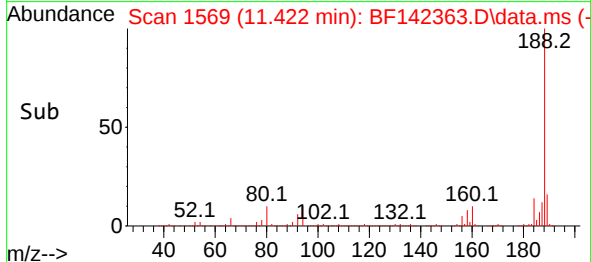
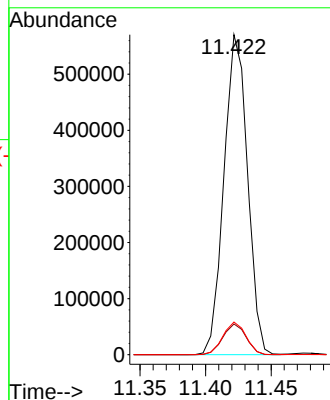
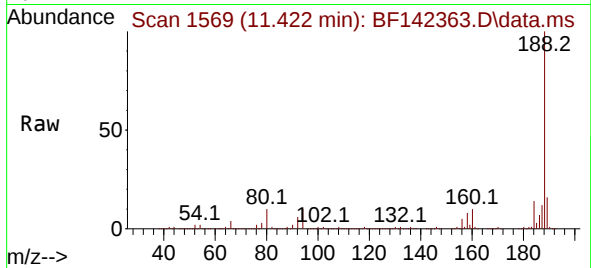




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142363.D
Acq: 14 May 2025 13:54

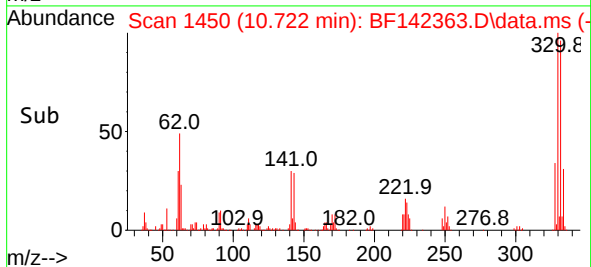
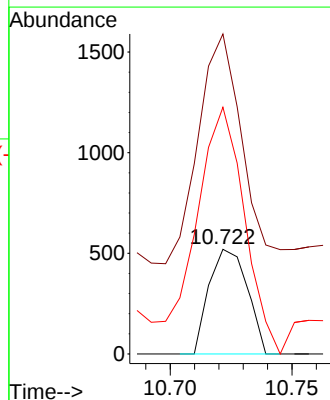
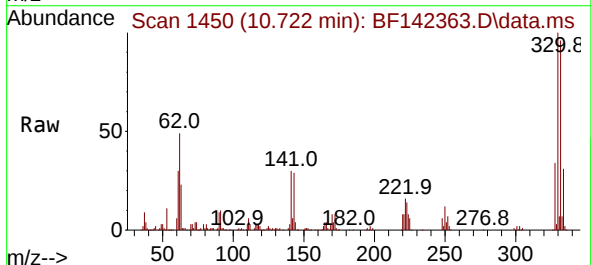
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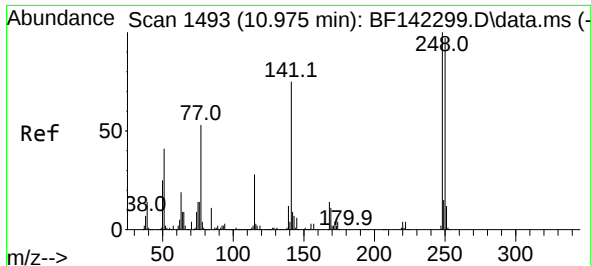
Tgt Ion:188 Resp: 713256
Ion Ratio Lower Upper
188 100
94 9.6 7.5 11.3
80 10.2 7.9 11.9



#65
4,6-Dinitro-2-methylphenol
Concen: 7.330 ng
RT: 10.722 min Scan# 1450
Delta R.T. 0.189 min
Lab File: BF142363.D
Acq: 14 May 2025 13:54

Tgt Ion:198 Resp: 567
Ion Ratio Lower Upper
198 100
51 305.8 32.9 72.9#
105 235.8 23.7 63.7#

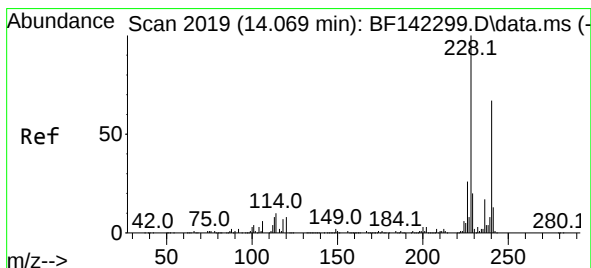
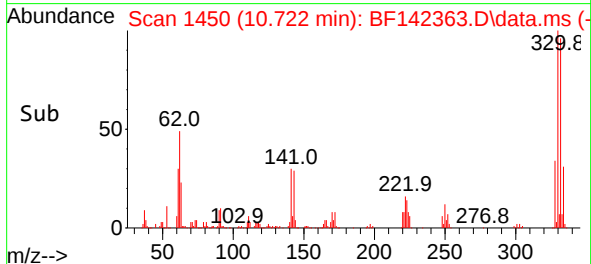
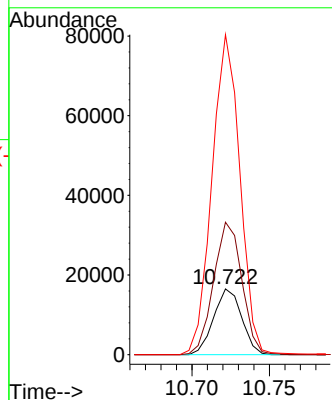
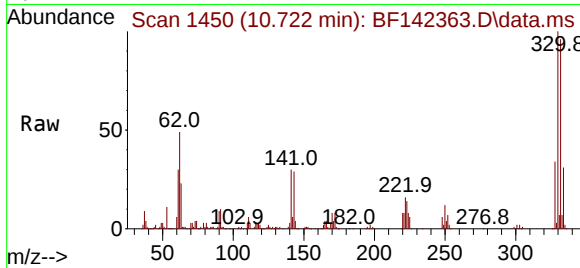




#67
4-Bromophenyl-phenylether
Concen: 2.570 ng
RT: 10.722 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF142363.D
Acq: 14 May 2025 13:54

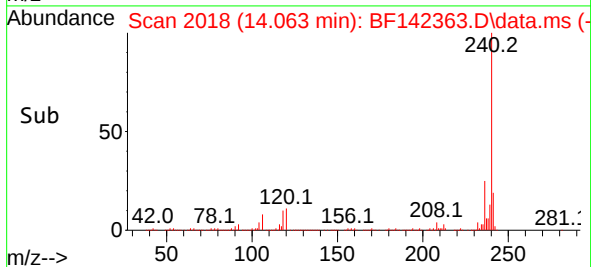
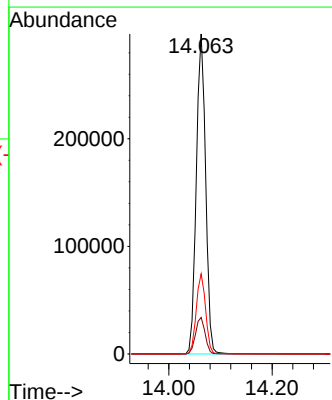
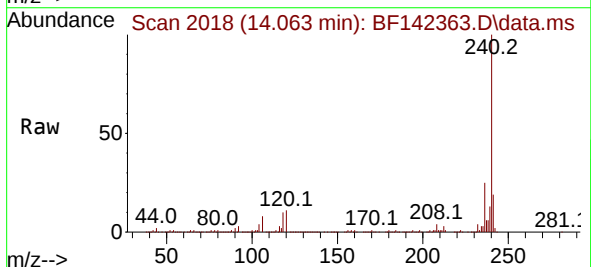
Instrument :
BNA_F
ClientSampleId :
VNJ-220

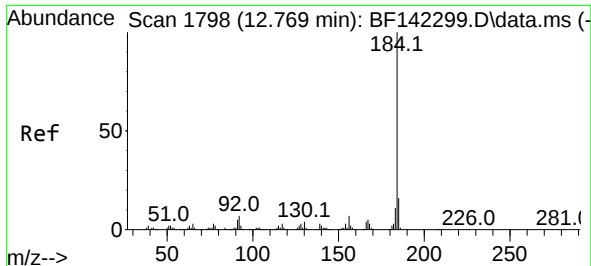
Tgt Ion:248 Resp: 20777
Ion Ratio Lower Upper
248 100
250 201.4 77.9 116.9#
141 486.6 59.8 89.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142363.D
Acq: 14 May 2025 13:54

Tgt Ion:240 Resp: 372889
Ion Ratio Lower Upper
240 100
120 11.4 9.7 14.5
236 25.1 20.0 30.0

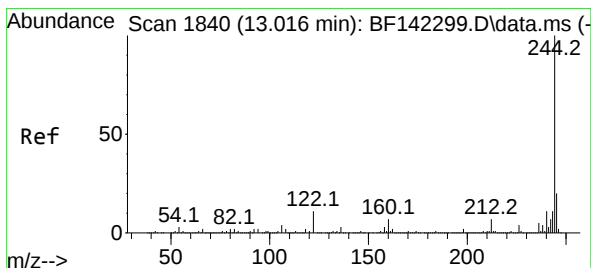
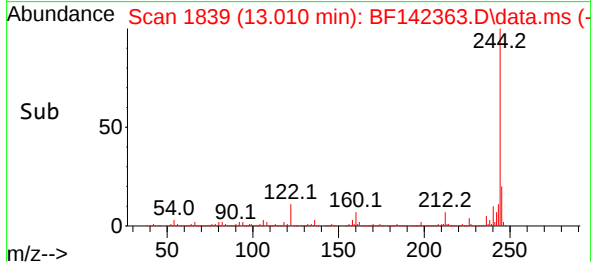
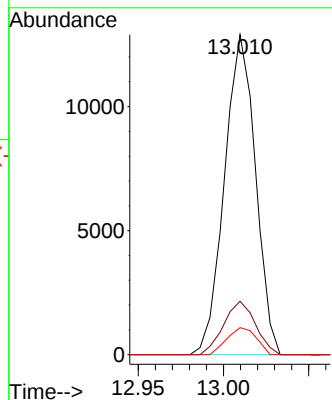
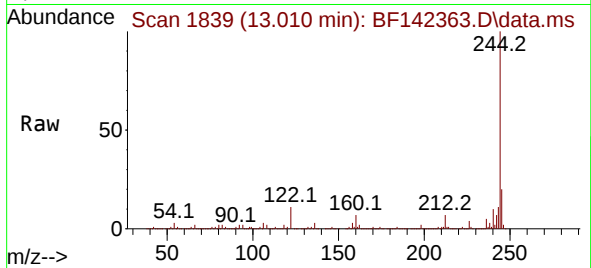




#77
Benzidine
Concen: 2.410 ng
RT: 13.010 min Scan# 1839
Delta R.T. 0.241 min
Lab File: BF142363.D
Acq: 14 May 2025 13:54

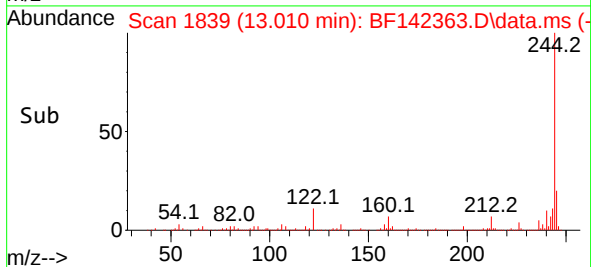
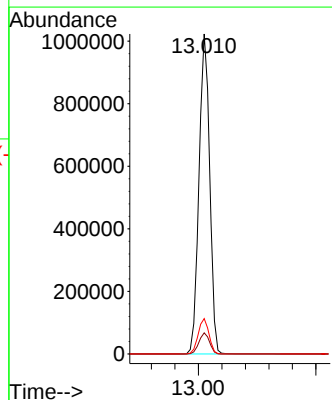
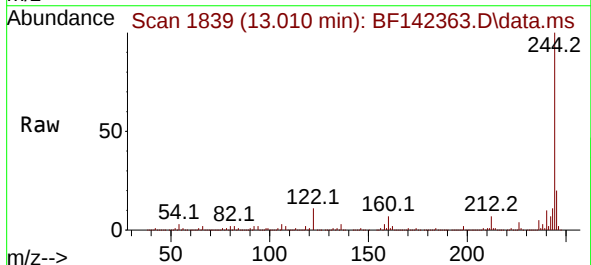
Instrument :
BNA_F
ClientSampleId :
VNJ-220

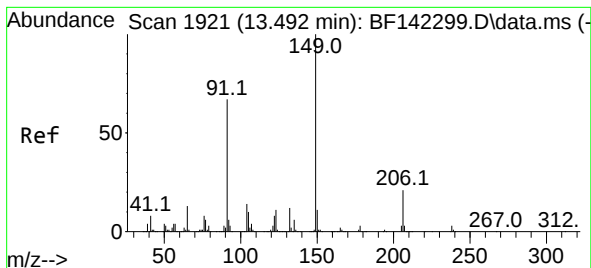
Tgt Ion:184 Resp: 16332
Ion Ratio Lower Upper
184 100
185 16.7 12.6 18.8
183 8.5 8.6 12.8#



#79
Terphenyl-d14
Concen: 51.172 ng
RT: 13.010 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF142363.D
Acq: 14 May 2025 13:54

Tgt Ion:244 Resp: 1289196
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.2
122 11.1 9.0 13.4





#80

Butylbenzylphthalate

Concen: 3.706 ng

RT: 13.486 min Scan# 1921

Delta R.T. -0.006 min

Lab File: BF142363.D

Acq: 14 May 2025 13:54

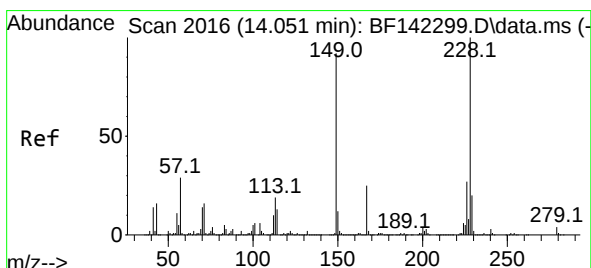
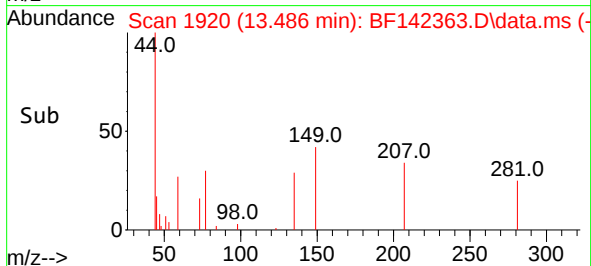
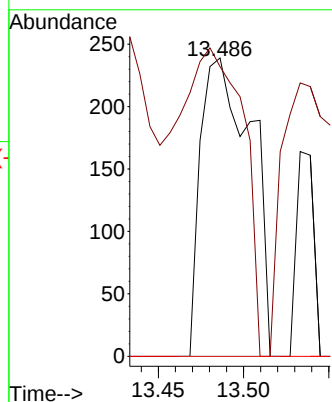
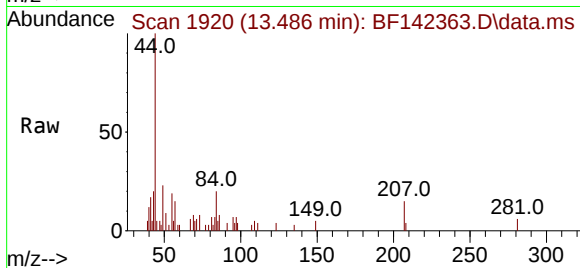
Instrument :

BNA_F

ClientSampleId :

VNJ-220

Tgt Ion:149	Resp:	493
Ion Ratio	Lower	Upper
149	100	
91	97.1	53.8 80.6#
206	0.0	16.6 24.8#



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.579 ng

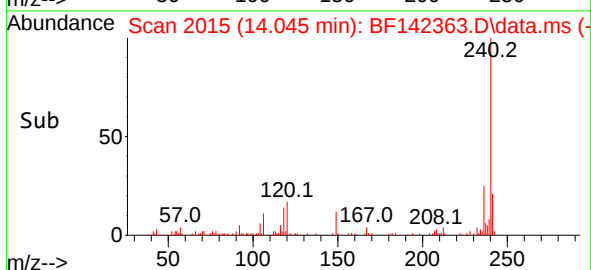
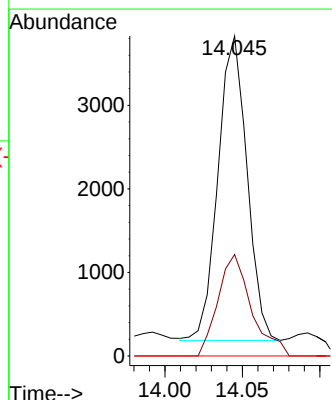
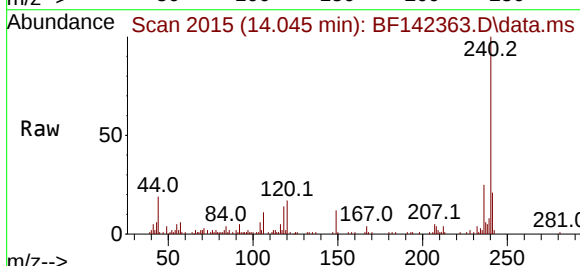
RT: 14.045 min Scan# 2015

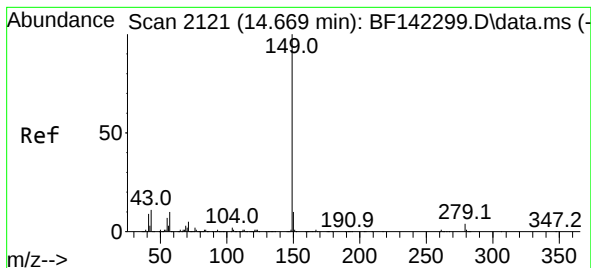
Delta R.T. -0.006 min

Lab File: BF142363.D

Acq: 14 May 2025 13:54

Tgt Ion:149	Resp:	4737
Ion Ratio	Lower	Upper
149	100	
167	31.7	22.0 33.0
279	0.0	3.0 4.6#





#85

Di-n-octyl phthalate

Concen: 7.889 ng

RT: 14.657 min Scan# 2119

Delta R.T. -0.012 min

Lab File: BF142363.D

Acq: 14 May 2025 13:54

Instrument :

BNA_F

ClientSampleId :

VNJ-220

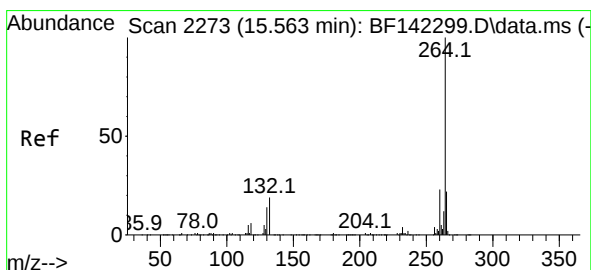
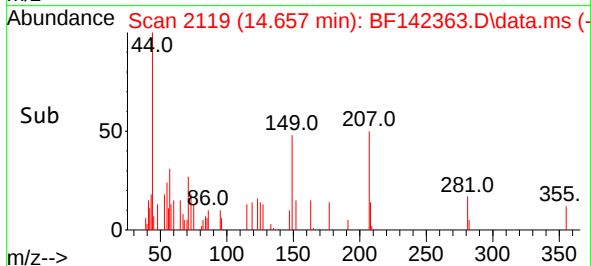
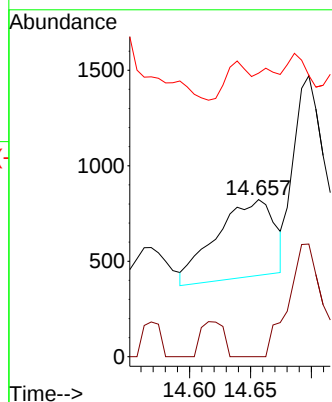
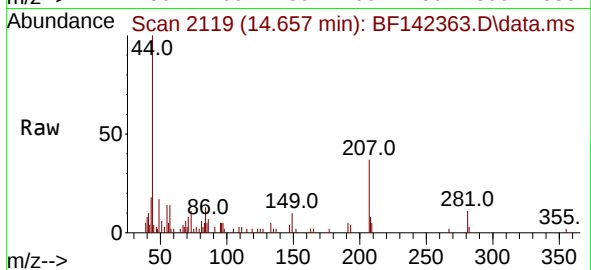
Tgt Ion:149 Resp: 1347

Ion Ratio Lower Upper

149 100

167 0.0 1.1 1.7#

43 19.8 9.2 13.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2271

Delta R.T. -0.012 min

Lab File: BF142363.D

Acq: 14 May 2025 13:54

Tgt Ion:264 Resp: 405035

Ion Ratio Lower Upper

264 100

260 22.7 18.6 27.8

265 21.2 17.5 26.3

