

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
 Data File : BF141612.D
 Acq On : 13 Feb 2025 14:10
 Operator : RC/JU
 Sample : Q1353-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 346

Quant Time: Feb 13 14:32:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

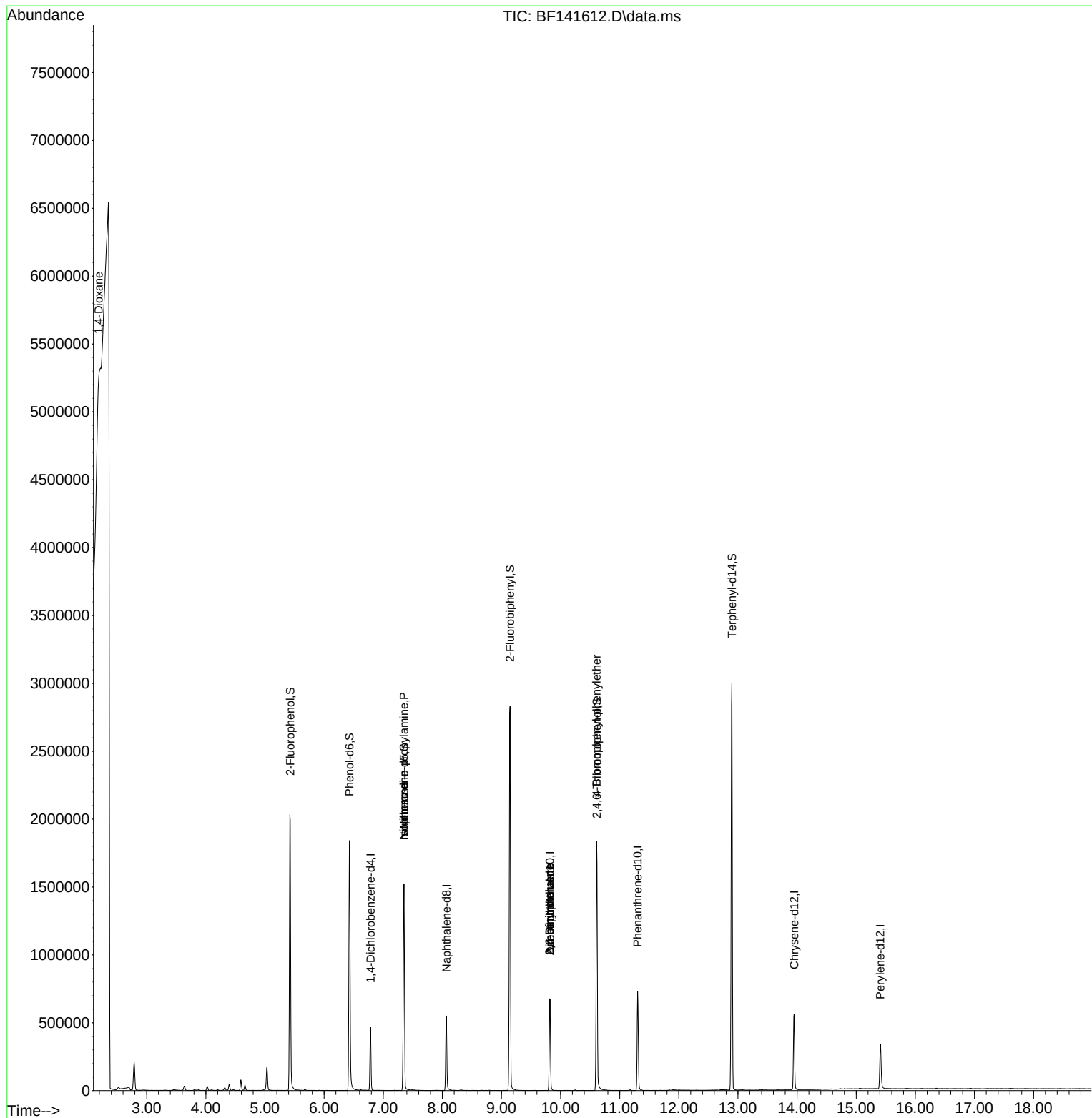
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	95149	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	388055	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	220151	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	390126	20.000	ng	-0.01
76) Chrysene-d12	13.951	240	295961	20.000	ng	-0.01
86) Perylene-d12	15.409	264	213788	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	785423	129.412	ng	0.02
7) Phenol-d6	6.428	99	896273	116.840	ng	-0.01
23) Nitrobenzene-d5	7.351	82	719538	96.713	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	321571	145.407	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1337877	93.626	ng	0.00
79) Terphenyl-d14	12.898	244	1577156	89.962	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.187	88	9765	3.998	ng	# 48
19) n-Nitroso-di-n-propyla...	7.351	70	98699	21.510	ng	# 73
25) Isophorone	7.351	82	699230	58.943	ng	# 66
50) Dimethylphthalate	9.822	163	33828	2.263	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	28302	8.663	ng	# 22
57) 2,4-Dinitrotoluene	9.816	165	28302	6.507	ng	# 18
67) 4-Bromophenyl-phenylether	10.610	248	21959	5.036	ng	# 1

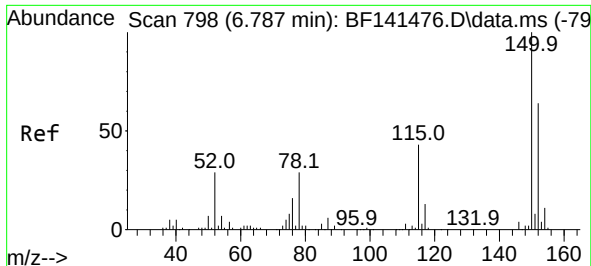
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
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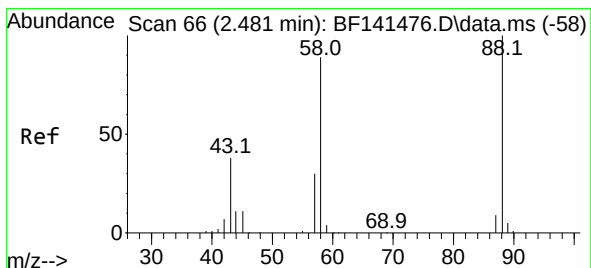
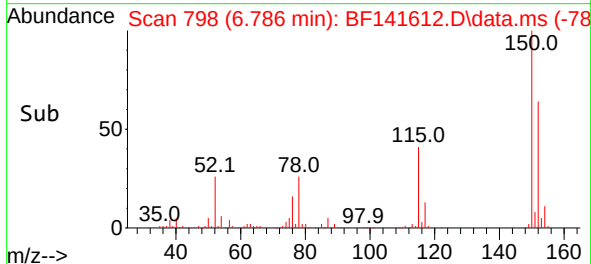
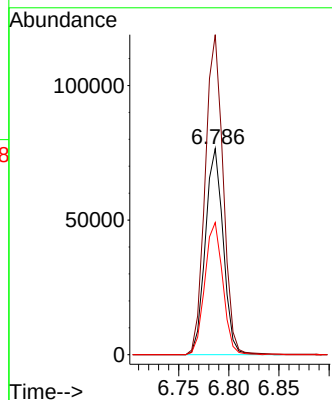
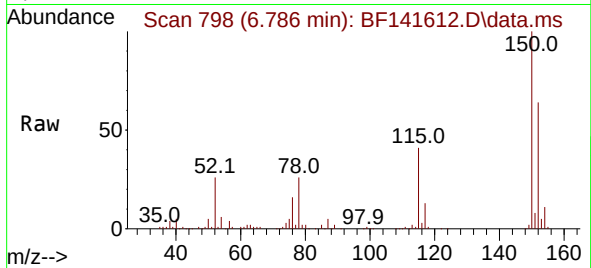




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.786 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF141612.D
 Acq: 13 Feb 2025 14:10

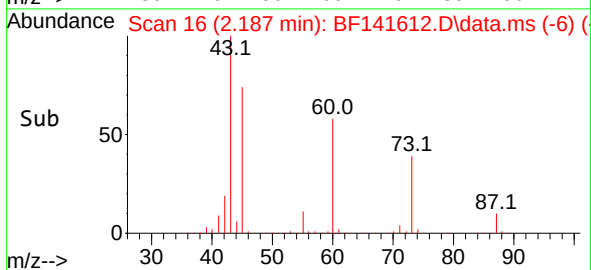
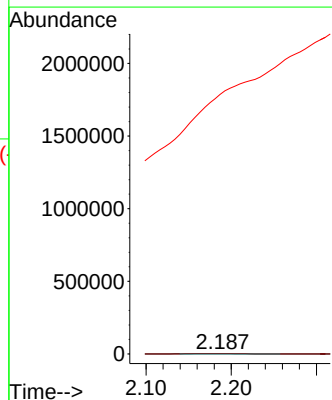
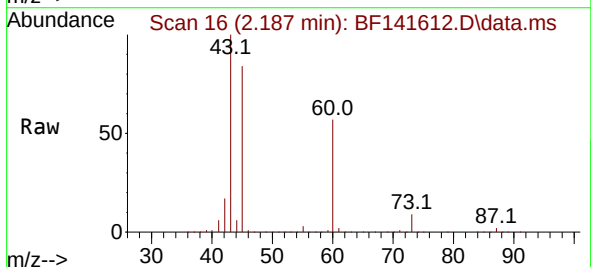
Instrument :
 BNA_F
 ClientSampleId :
 346

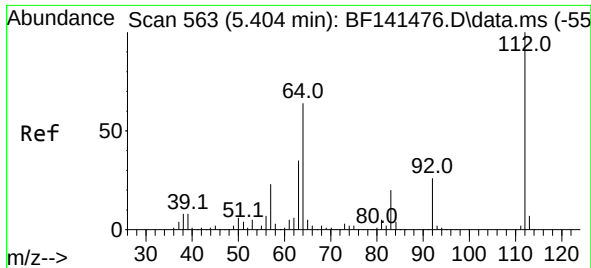
Tgt Ion:152 Resp: 95149
 Ion Ratio Lower Upper
 152 100
 150 155.2 125.0 187.4
 115 64.1 53.6 80.4



#2
 1,4-Dioxane
 Concen: 3.998 ng
 RT: 2.187 min Scan# 16
 Delta R.T. -0.294 min
 Lab File: BF141612.D
 Acq: 13 Feb 2025 14:10

Tgt Ion: 88 Resp: 9765
 Ion Ratio Lower Upper
 88 100
 58 44.9 71.1 106.7#
 43 0.0 30.6 46.0#

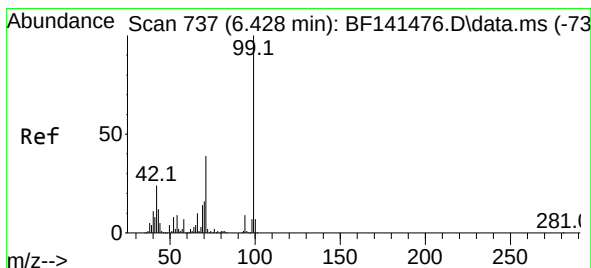
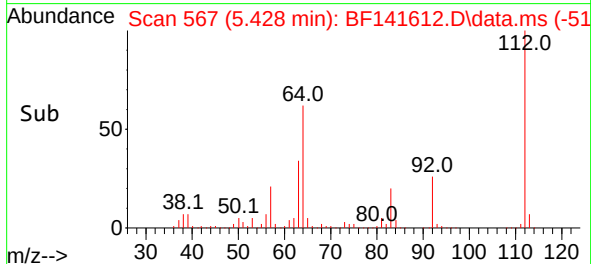
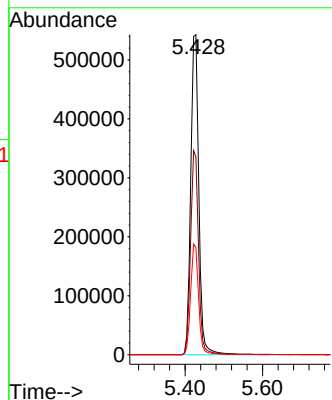
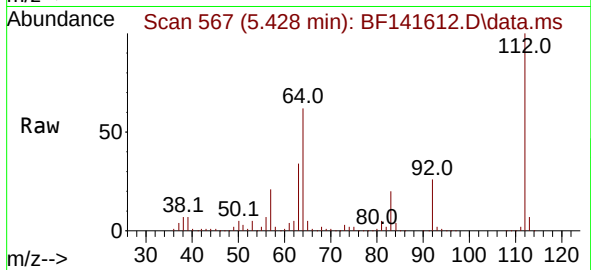




#5
2-Fluorophenol
Concen: 129.412 ng
RT: 5.428 min Scan# 501
Delta R.T. 0.018 min
Lab File: BF141612.D
Acq: 13 Feb 2025 14:10

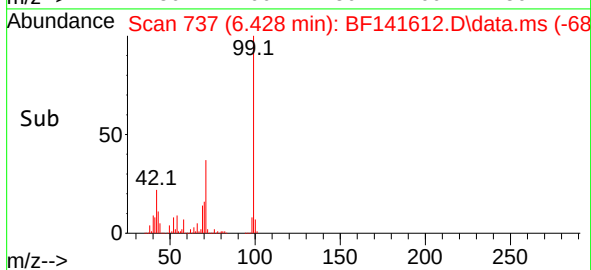
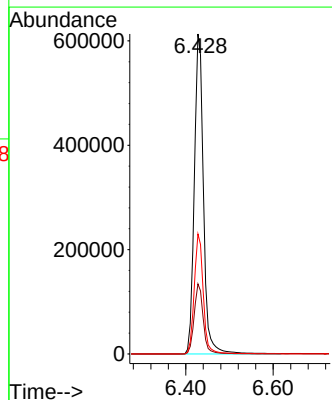
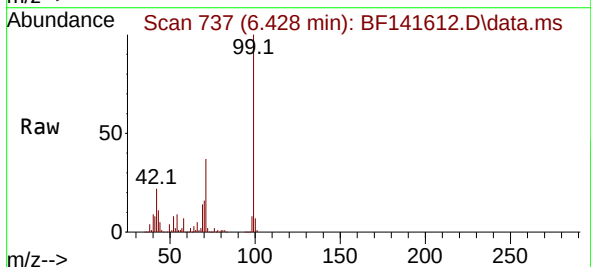
Instrument :
BNA_F
ClientSampleId :
346

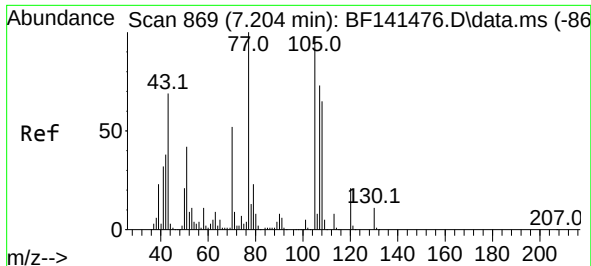
Tgt Ion:112 Resp: 785423
Ion Ratio Lower Upper
112 100
64 61.8 51.1 76.7
63 33.6 28.4 42.6



#7
Phenol-d6
Concen: 116.840 ng
RT: 6.428 min Scan# 737
Delta R.T. -0.012 min
Lab File: BF141612.D
Acq: 13 Feb 2025 14:10

Tgt Ion: 99 Resp: 896273
Ion Ratio Lower Upper
99 100
42 21.9 19.1 28.7
71 37.5 31.1 46.7

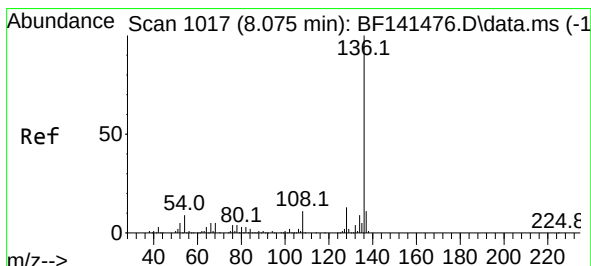
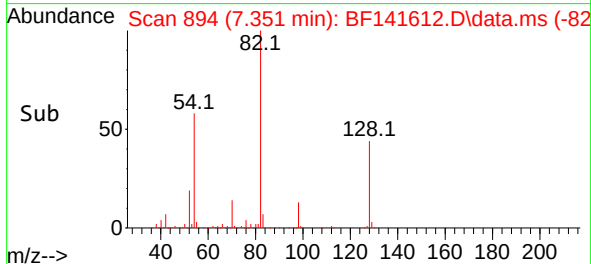
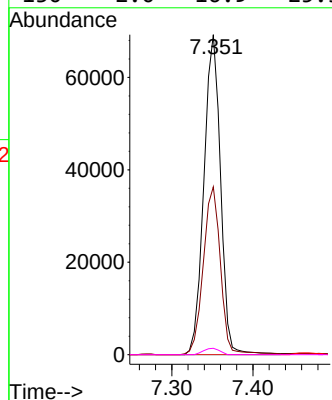
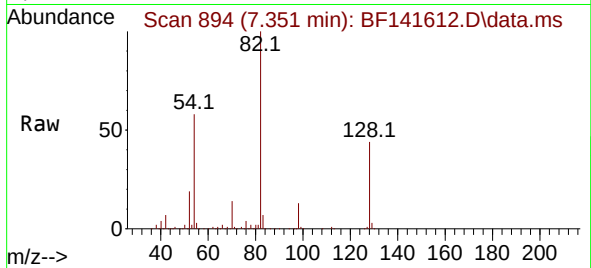




#19
n-Nitroso-di-n-propylamine
Concen: 21.510 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF141612.D
Acq: 13 Feb 2025 14:10

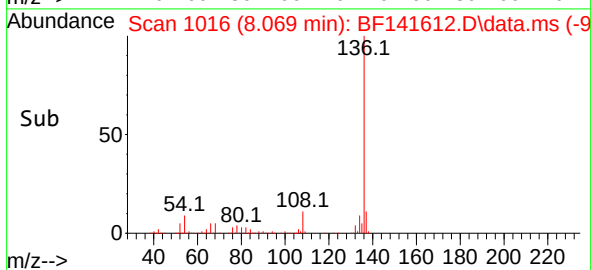
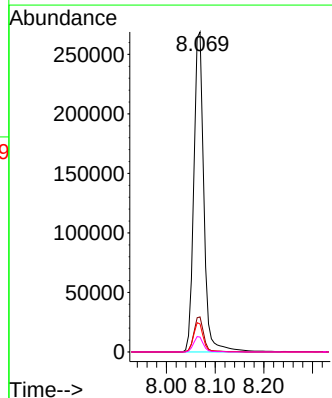
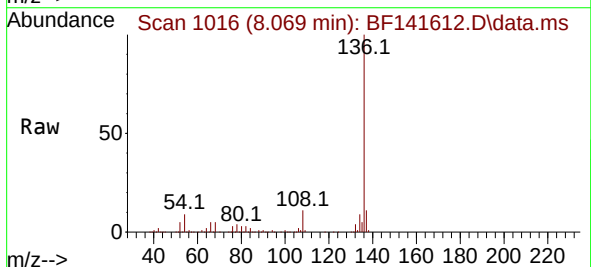
Instrument :
BNA_F
ClientSampleId :
346

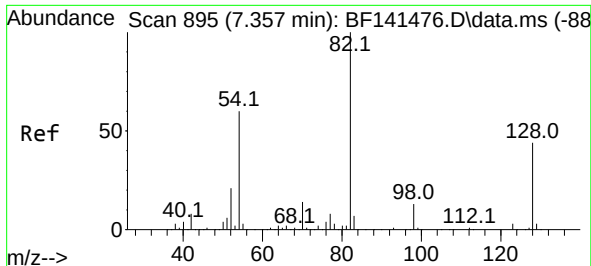
Tgt Ion:	70	Resp:	98699
Ion	Ratio	Lower	Upper
70	100		
42	52.4	57.4	86.2#
101	0.0	8.0	12.0#
130	2.0	16.9	25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141612.D
Acq: 13 Feb 2025 14:10

Tgt Ion:	136	Resp:	388055
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.7	7.2	10.8
68	4.6	3.7	5.5

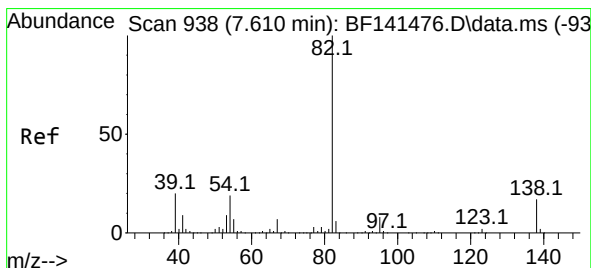
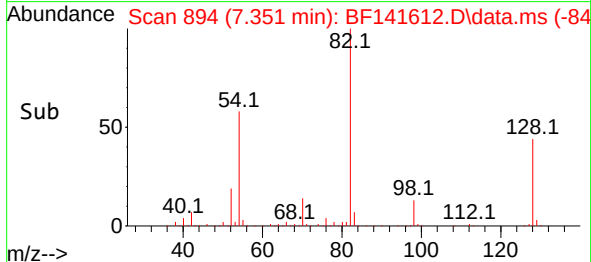
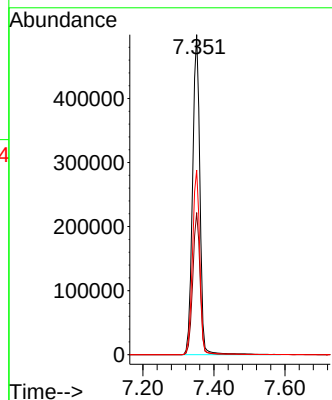
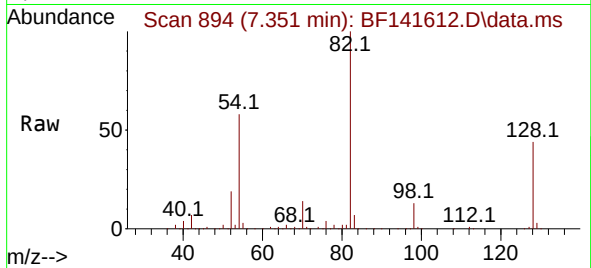




#23
Nitrobenzene-d5
Concen: 96.713 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF141612.D
Acq: 13 Feb 2025 14:10

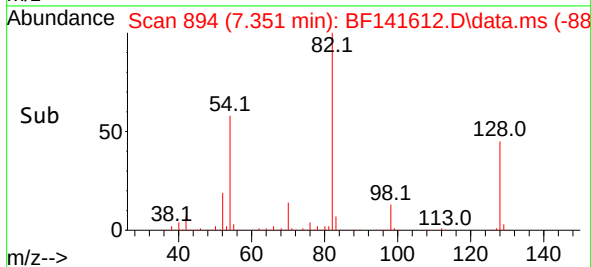
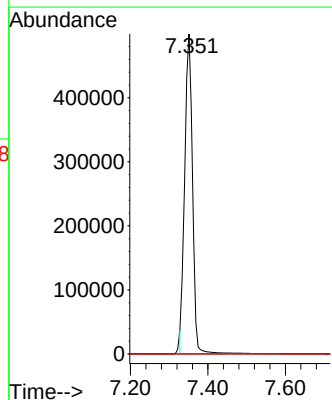
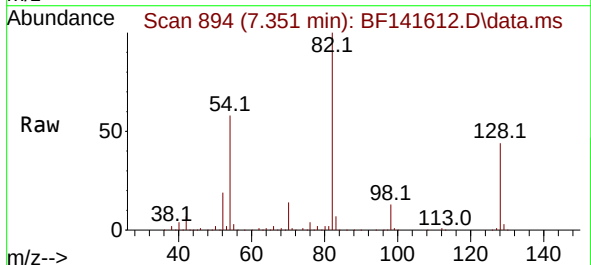
Instrument :
BNA_F
ClientSampleId :
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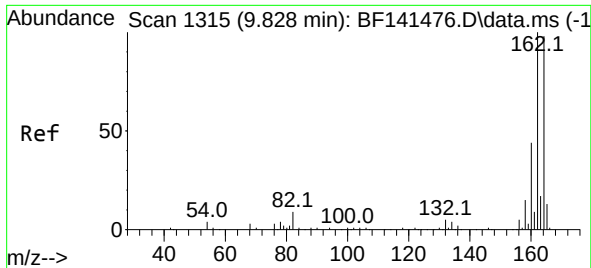
Tgt Ion: 82 Resp: 719538
Ion Ratio Lower Upper
82 100
128 44.4 34.8 52.2
54 57.7 48.2 72.4



#25
Isophorone
Concen: 58.943 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.271 min
Lab File: BF141612.D
Acq: 13 Feb 2025 14:10

Tgt Ion: 82 Resp: 699230
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.9 20.9#

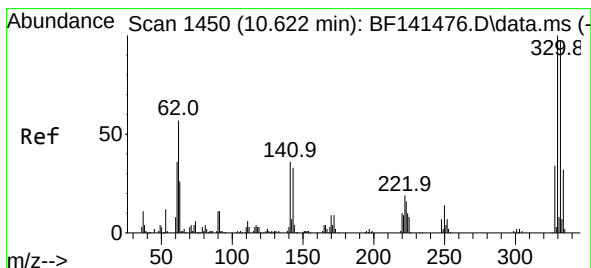
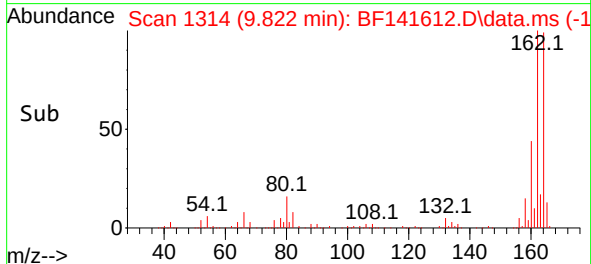
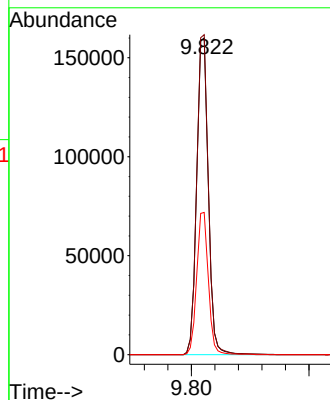
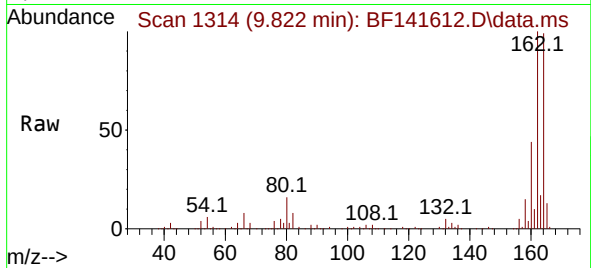




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141612.D
Acq: 13 Feb 2025 14:10

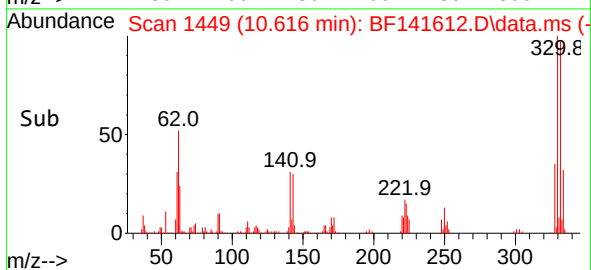
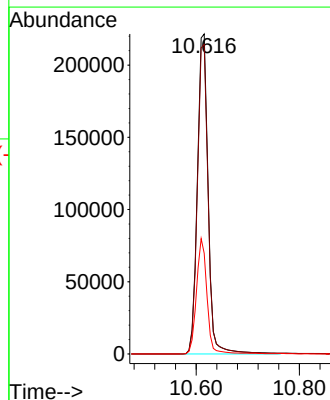
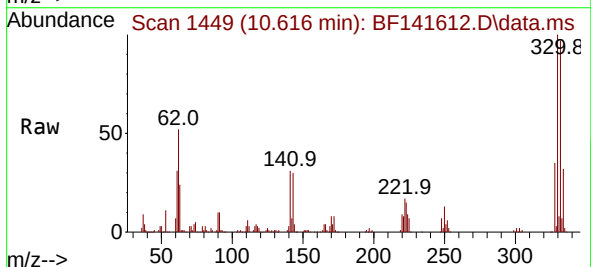
Instrument :
BNA_F
ClientSampleId :
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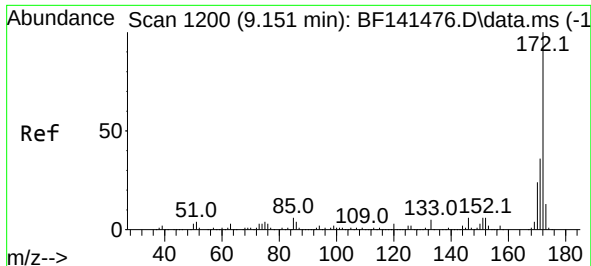
Tgt Ion:164 Resp: 220151
Ion Ratio Lower Upper
164 100
162 101.1 81.3 121.9
160 44.9 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 145.407 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF141612.D
Acq: 13 Feb 2025 14:10

Tgt Ion:330 Resp: 321571
Ion Ratio Lower Upper
330 100
332 96.3 78.5 117.7
141 35.2 31.0 46.4

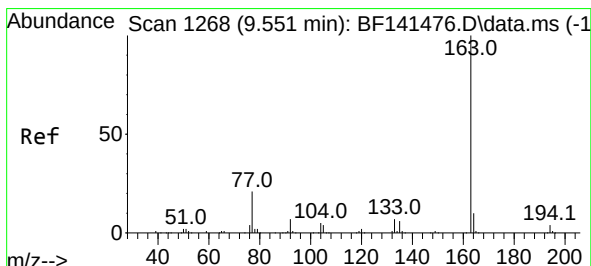
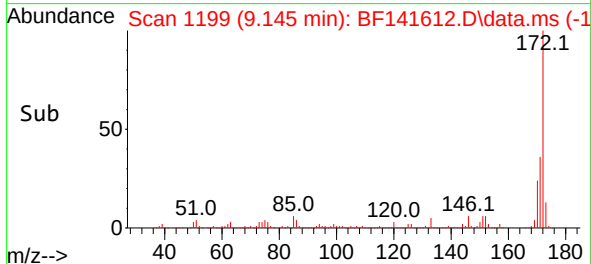
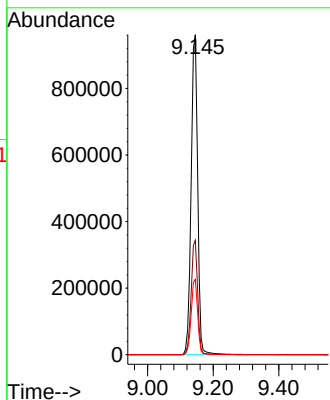
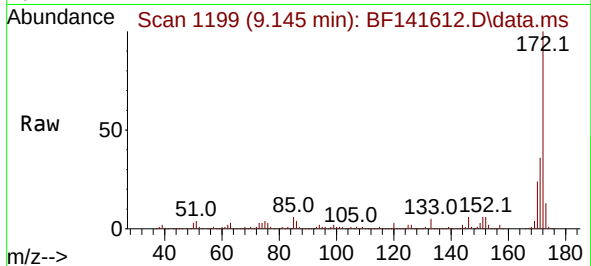




#45
2-Fluorobiphenyl
Concen: 93.626 ng
RT: 9.145 min Scan# 1119
Delta R.T. -0.006 min
Lab File: BF141612.D
Acq: 13 Feb 2025 14:10

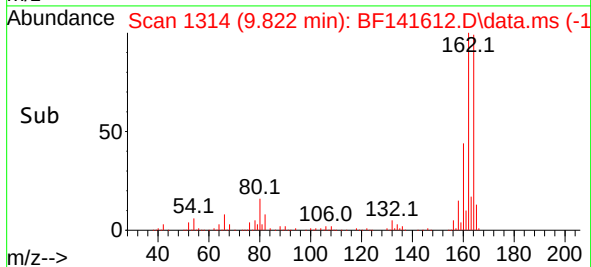
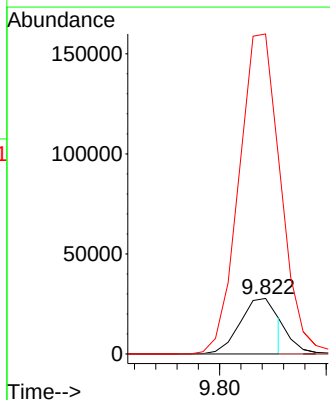
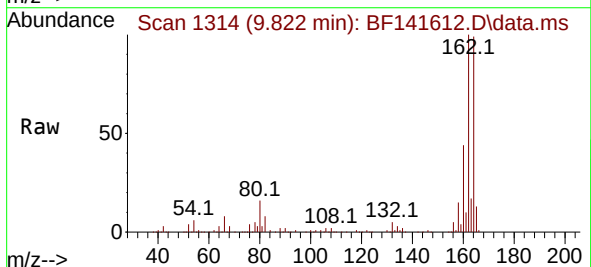
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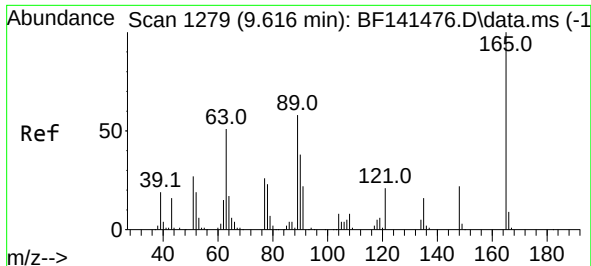
Tgt Ion:172 Resp: 1337877
Ion Ratio Lower Upper
172 100
171 35.7 28.7 43.1
170 23.5 18.9 28.3



#50
Dimethylphthalate
Concen: 2.263 ng
RT: 9.822 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF141612.D
Acq: 13 Feb 2025 14:10

Tgt Ion:163 Resp: 33828
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 576.8 7.9 11.9#

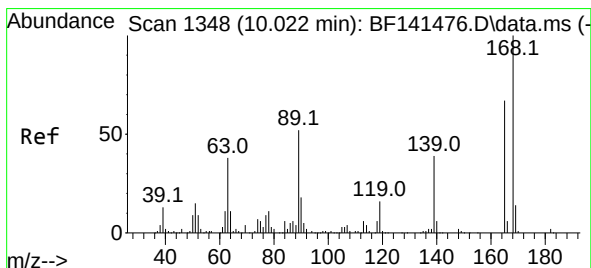
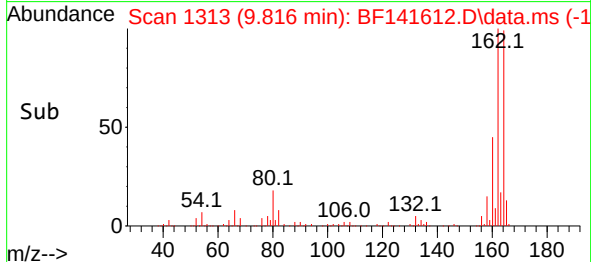
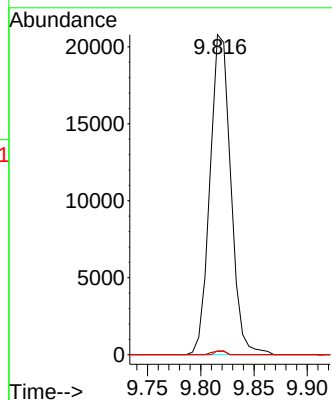
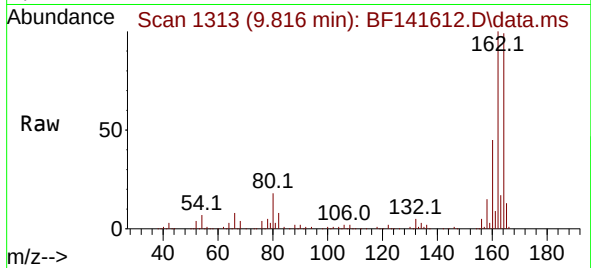




#51
2,6-Dinitrotoluene
Concen: 8.663 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF141612.D
Acq: 13 Feb 2025 14:10

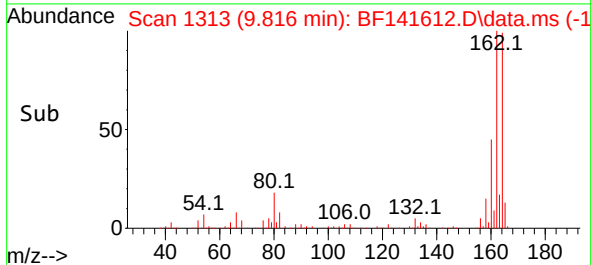
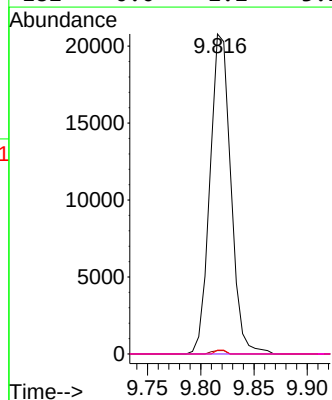
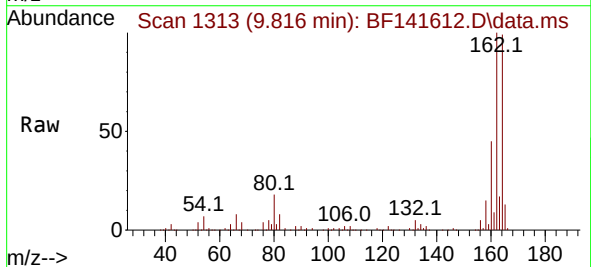
Instrument :
BNA_F
ClientSampleId :
346

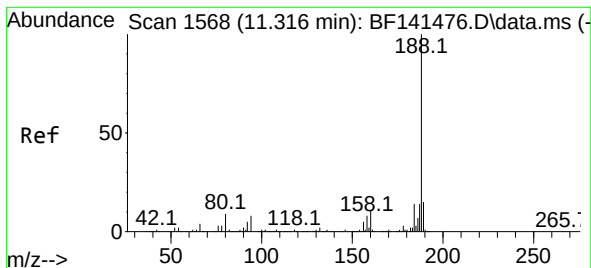
Tgt Ion:165 Resp: 28302
Ion Ratio Lower Upper
165 100
63 1.1 49.4 74.0#
89 1.2 46.5 69.7#



#57
2,4-Dinitrotoluene
Concen: 6.507 ng
RT: 9.816 min Scan# 1313
Delta R.T. -0.212 min
Lab File: BF141612.D
Acq: 13 Feb 2025 14:10

Tgt Ion:165 Resp: 28302
Ion Ratio Lower Upper
165 100
63 1.1 46.4 69.6#
89 1.2 61.8 92.6#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141612.D

Acq: 13 Feb 2025 14:10

Instrument :

BNA_F

ClientSampleId :

346

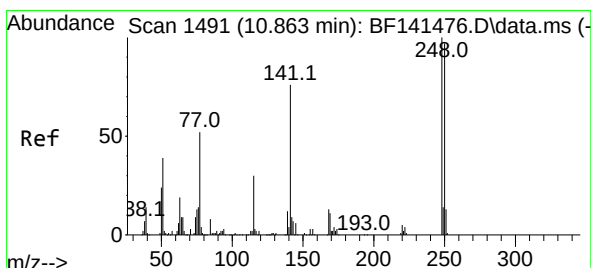
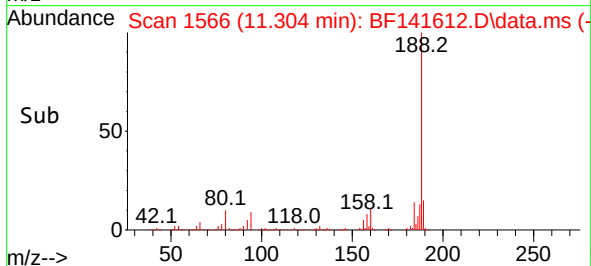
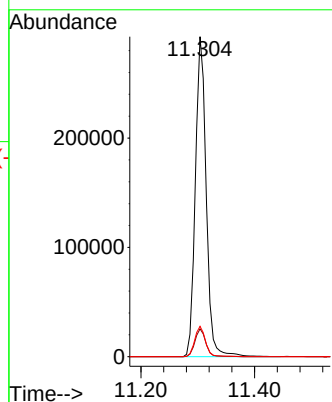
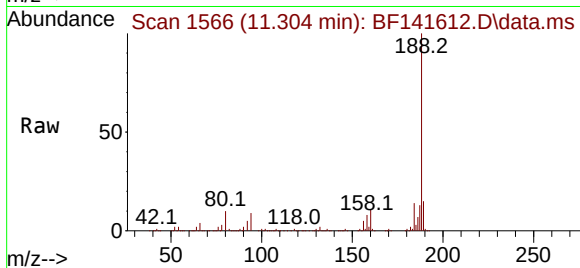
Tgt Ion:188 Resp: 390126

Ion Ratio Lower Upper

188 100

94 8.7 6.6 10.0

80 9.5 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 5.036 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.253 min

Lab File: BF141612.D

Acq: 13 Feb 2025 14:10

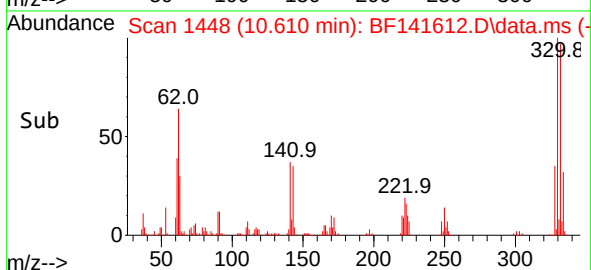
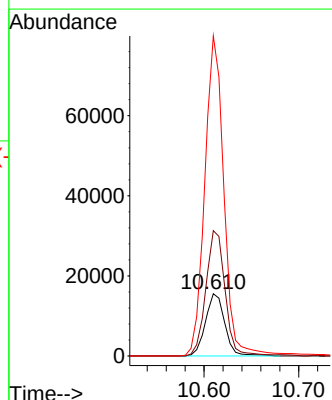
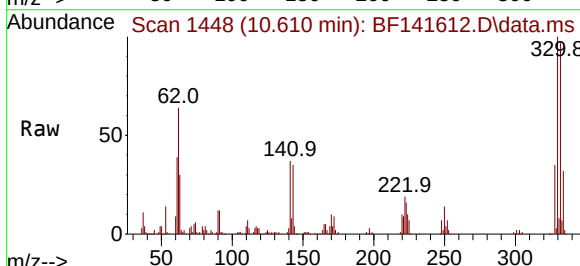
Tgt Ion:248 Resp: 21959

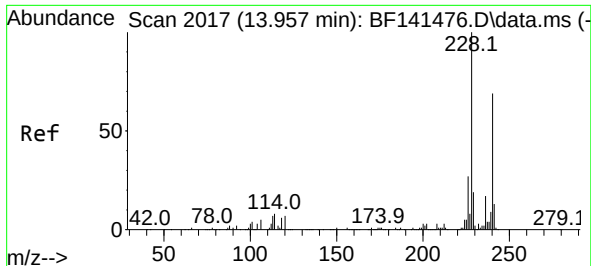
Ion Ratio Lower Upper

248 100

250 201.5 77.8 116.6#

141 514.6 60.6 90.8#

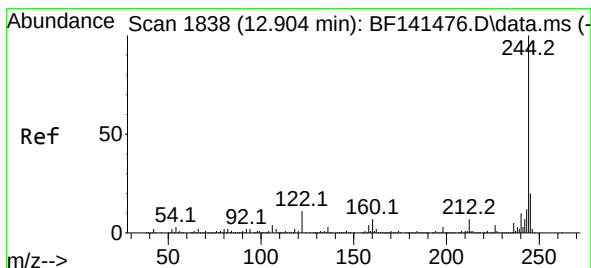
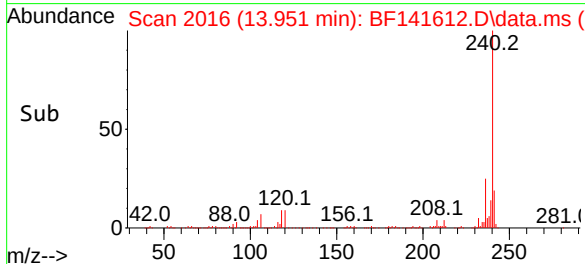
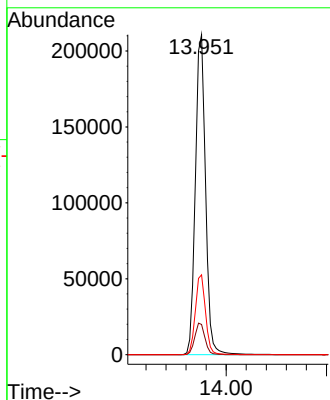
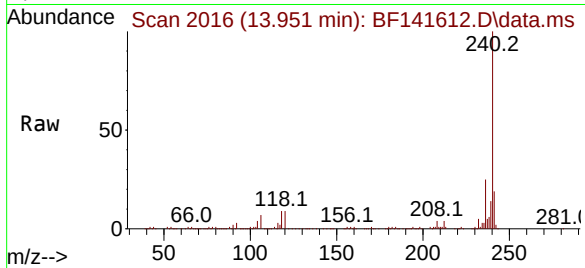




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF141612.D
Acq: 13 Feb 2025 14:10

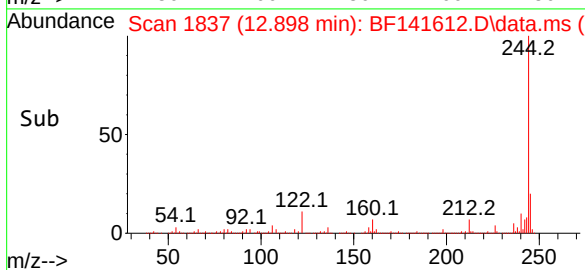
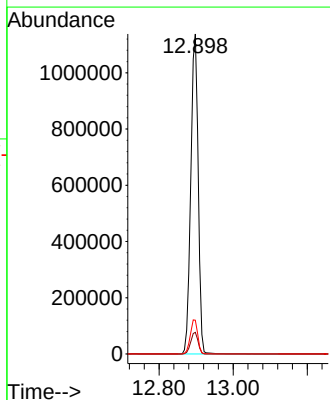
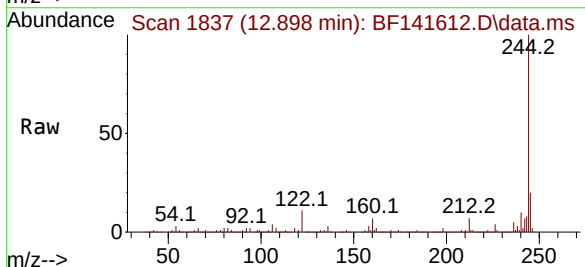
Instrument :
BNA_F
ClientSampleId :
346

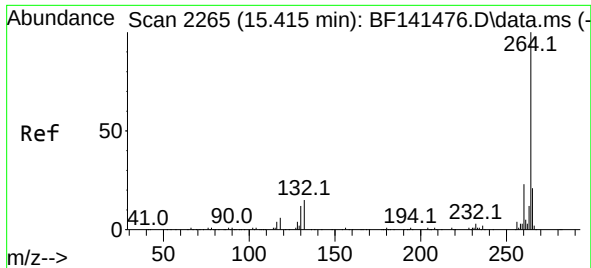
Tgt Ion:240 Resp: 295961
Ion Ratio Lower Upper
240 100
120 9.4 8.0 12.0
236 25.0 19.8 29.8



#79
Terphenyl-d14
Concen: 89.962 ng
RT: 12.898 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF141612.D
Acq: 13 Feb 2025 14:10

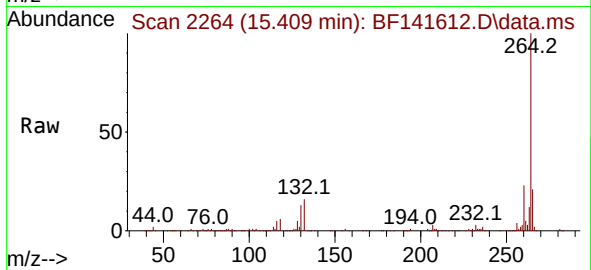
Tgt Ion:244 Resp: 1577156
Ion Ratio Lower Upper
244 100
212 6.8 5.6 8.4
122 10.6 8.4 12.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.409 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF141612.D
Acq: 13 Feb 2025 14:10

Instrument :
BNA_F
ClientSampleId :
346



Tgt Ion:264 Resp: 213788
Ion Ratio Lower Upper
264 100
260 23.5 18.6 28.0
265 20.7 17.0 25.4

