

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
 Data File : BF141370.D
 Acq On : 03 Feb 2025 15:26
 Operator : RC/JU
 Sample : Q1239-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR22266

Quant Time: Feb 03 16:45:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

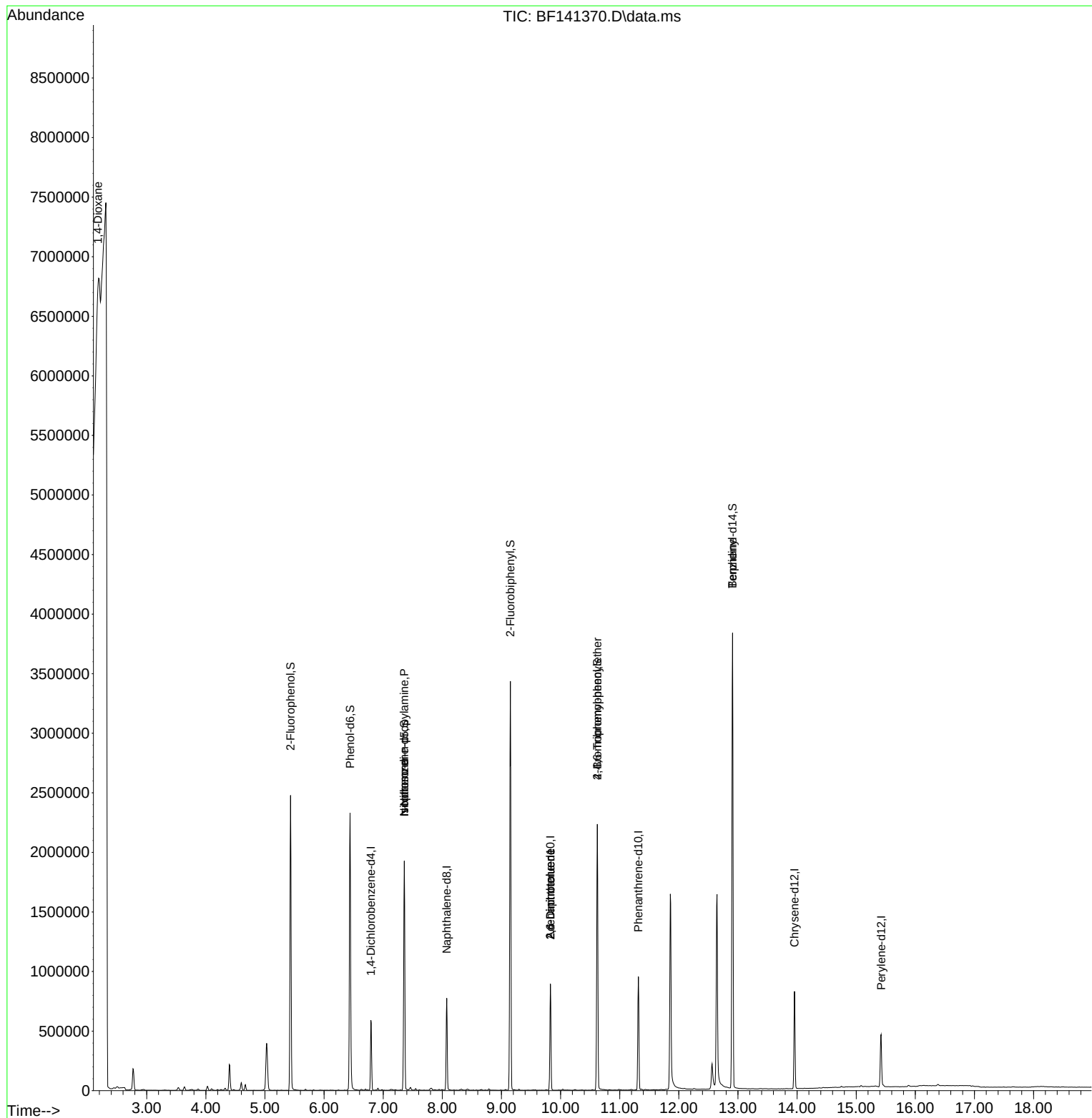
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	119449	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	485359	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	267756	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	472257	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	387079	20.000	ng	-0.02
86) Perylene-d12	15.421	264	250964	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	891935	114.635	ng	0.02
7) Phenol-d6	6.440	99	1118367	112.989	ng	0.00
23) Nitrobenzene-d5	7.357	82	861738	93.596	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	374695	152.644	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1553236	89.287	ng	-0.01
79) Terphenyl-d14	12.910	244	1956764	77.961	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.175	88	8998	2.630	ng	# 58
19) n-Nitroso-di-n-propyla...	7.357	70	118735	20.188	ng	# 74
25) Isophorone	7.357	82	855143	53.731	ng	# 65
51) 2,6-Dinitrotoluene	9.828	165	33313	7.934	ng	# 23
57) 2,4-Dinitrotoluene	9.828	165	33313	6.128	ng	# 23
67) 4-Bromophenyl-phenylether	10.622	248	25436	4.811	ng	# 1
77) Benzidine	12.910	184	24830	2.001	ng	# 92

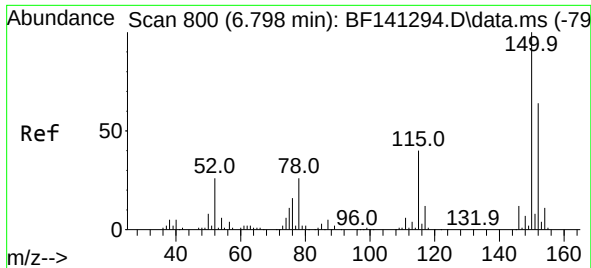
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141370.D
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Operator : RC/JU
Sample : Q1239-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Time: Feb 03 16:45:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
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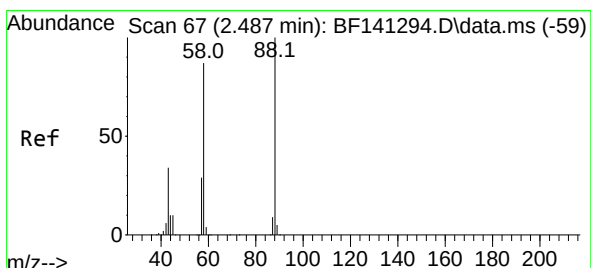
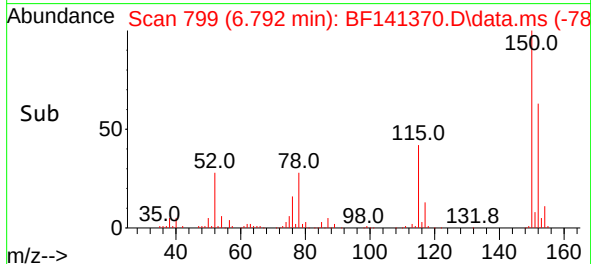
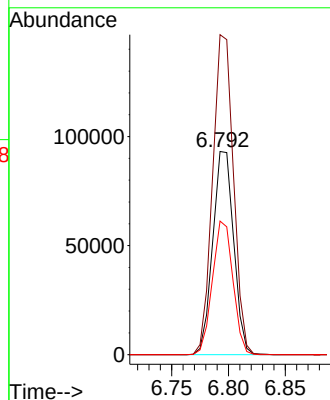
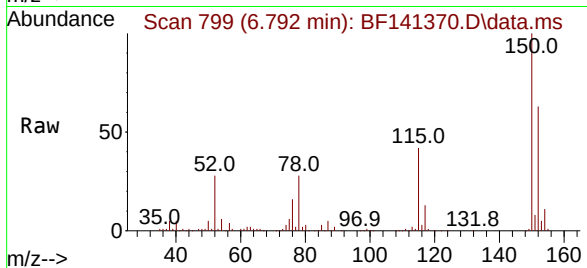




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 79
 Delta R.T. -0.012 min
 Lab File: BF141370.D
 Acq: 03 Feb 2025 15:26

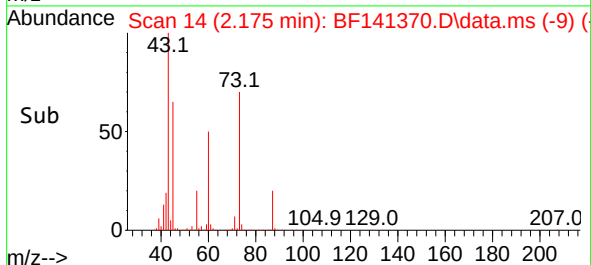
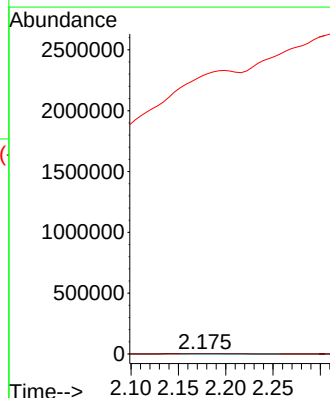
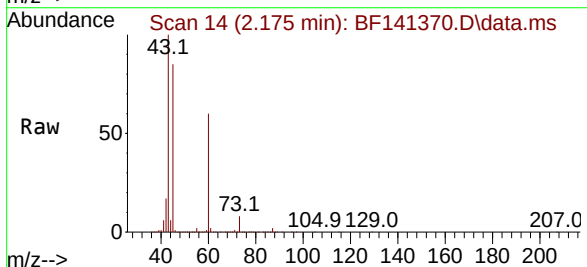
Instrument :
 BNA_F
 ClientSampleId :
 RBR22266

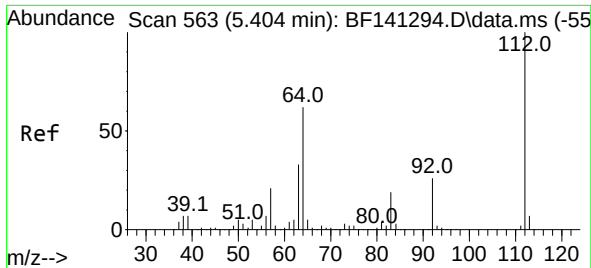
Tgt Ion:152 Resp: 119449
 Ion Ratio Lower Upper
 152 100
 150 157.5 125.9 188.9
 115 65.8 49.7 74.5



#2
 1,4-Dioxane
 Concen: 2.630 ng
 RT: 2.175 min Scan# 14
 Delta R.T. -0.318 min
 Lab File: BF141370.D
 Acq: 03 Feb 2025 15:26

Tgt Ion: 88 Resp: 8998
 Ion Ratio Lower Upper
 88 100
 58 55.0 70.2 105.4#
 43 0.0 27.6 41.4#

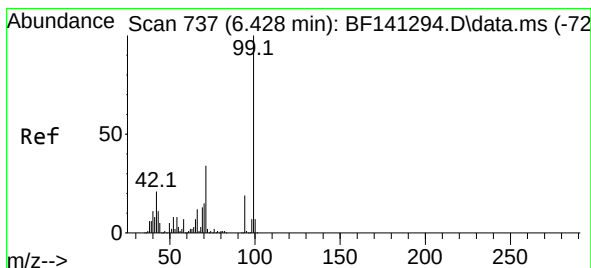
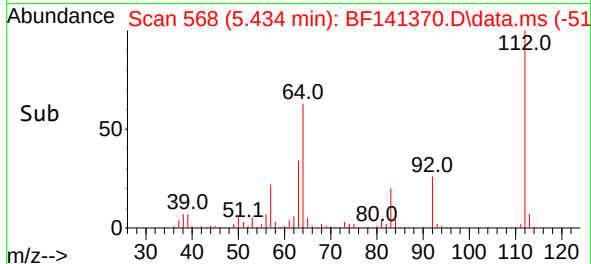
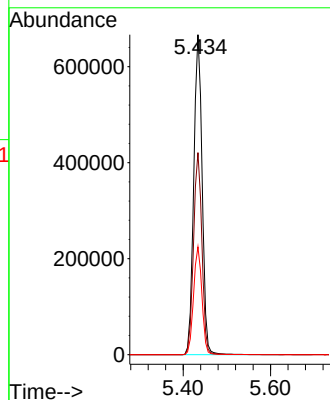
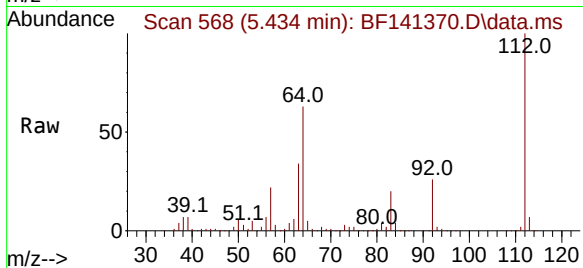




#5
2-Fluorophenol
Concen: 114.635 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.023 min
Lab File: BF141370.D
Acq: 03 Feb 2025 15:26

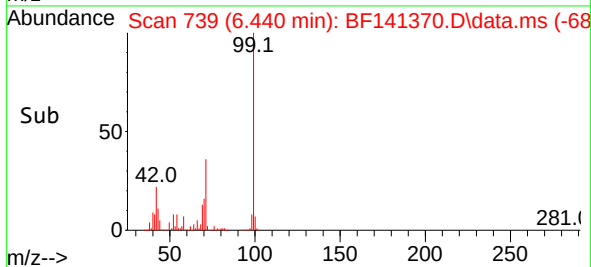
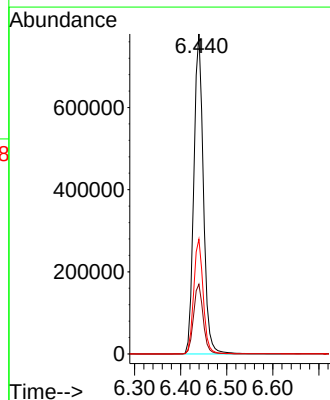
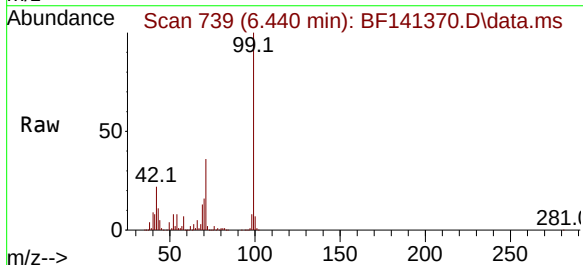
Instrument :
BNA_F
ClientSampleId :
RBR22266

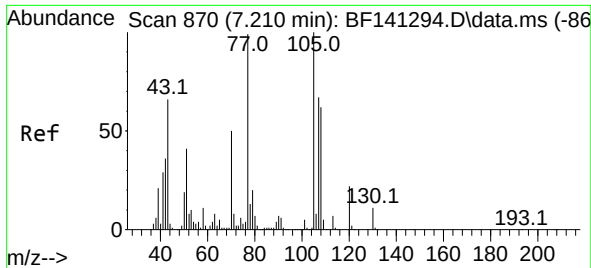
Tgt Ion:112 Resp: 891935
Ion Ratio Lower Upper
112 100
64 63.2 49.8 74.8
63 33.7 26.1 39.1



#7
Phenol-d6
Concen: 112.989 ng
RT: 6.440 min Scan# 739
Delta R.T. -0.000 min
Lab File: BF141370.D
Acq: 03 Feb 2025 15:26

Tgt Ion: 99 Resp: 1118367
Ion Ratio Lower Upper
99 100
42 21.8 17.1 25.7
71 35.8 26.9 40.3



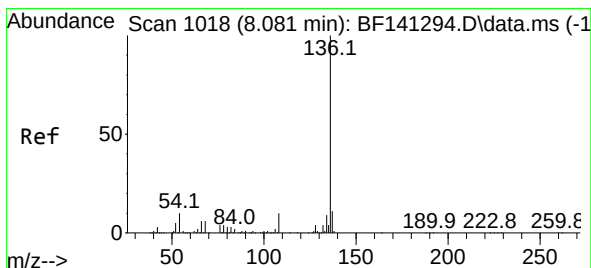
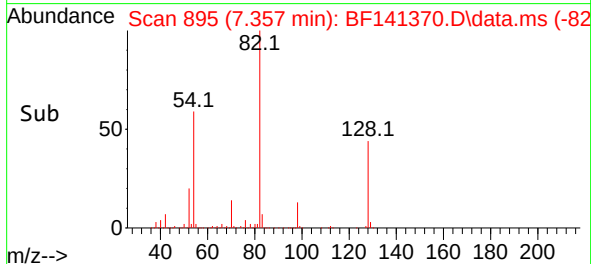
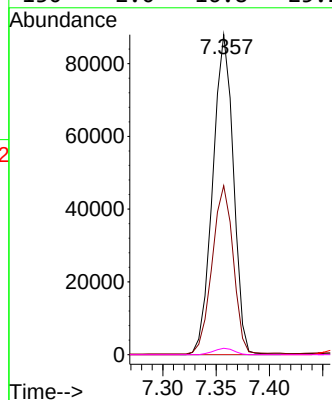
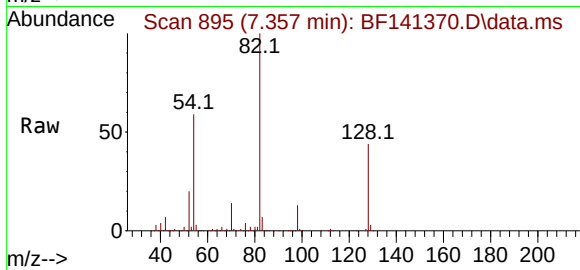


#19
n-Nitroso-di-n-propylamine
Concen: 20.188 ng
RT: 7.357 min Scan# 895
Delta R.T. 0.129 min
Lab File: BF141370.D
Acq: 03 Feb 2025 15:26

Instrument :
BNA_F
ClientSampleId :
RBR22266

Tgt Ion: 70 Resp: 118735

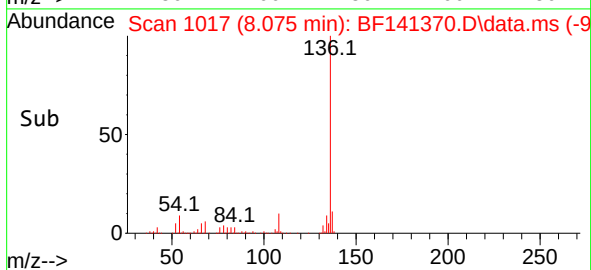
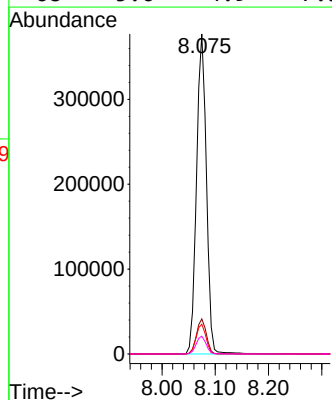
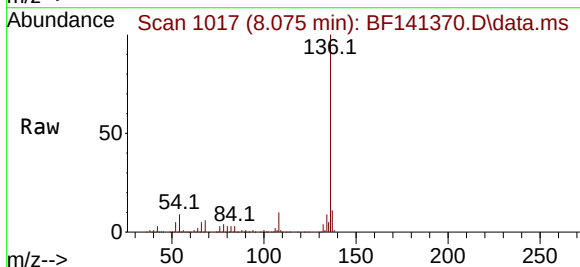
Ion	Ratio	Lower	Upper
70	100		
42	52.8	56.8	85.2#
101	0.0	7.7	11.5#
130	2.0	16.8	25.2#

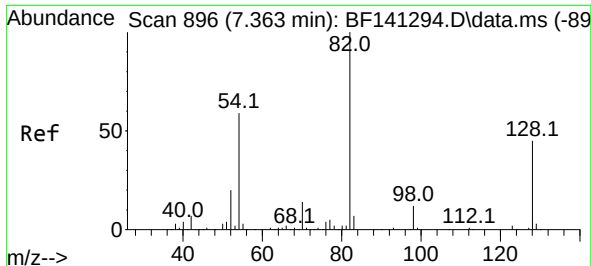


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF141370.D
Acq: 03 Feb 2025 15:26

Tgt Ion: 136 Resp: 485359

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.3	7.8	11.8
68	5.6	4.9	7.3





#23

Nitrobenzene-d5

Concen: 93.596 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141370.D

Acq: 03 Feb 2025 15:26

Instrument :

BNA_F

ClientSampleId :

RBR22266

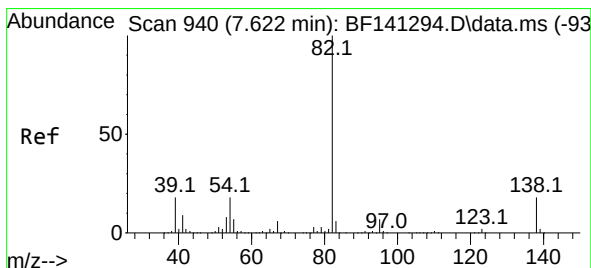
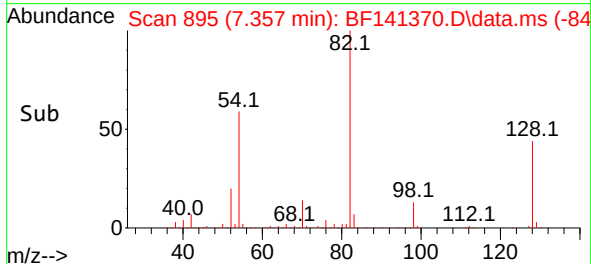
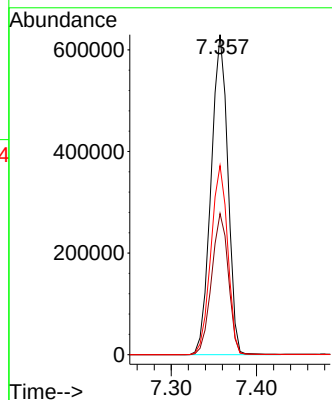
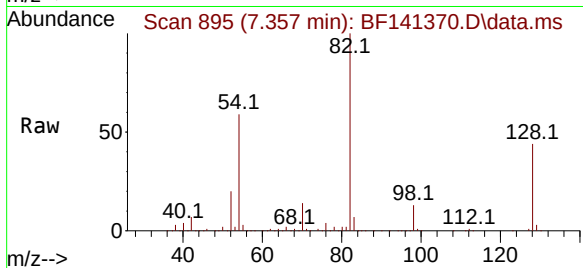
Tgt Ion: 82 Resp: 861738

Ion Ratio Lower Upper

82 100

128 44.1 35.7 53.5

54 59.1 47.1 70.7



#25

Isophorone

Concen: 53.731 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.271 min

Lab File: BF141370.D

Acq: 03 Feb 2025 15:26

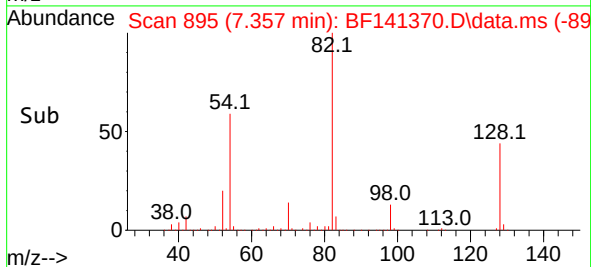
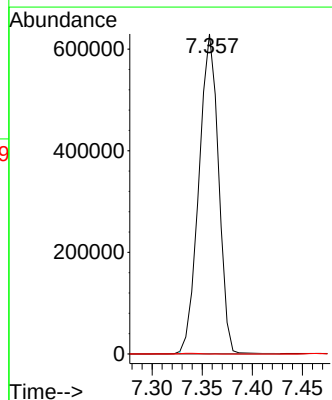
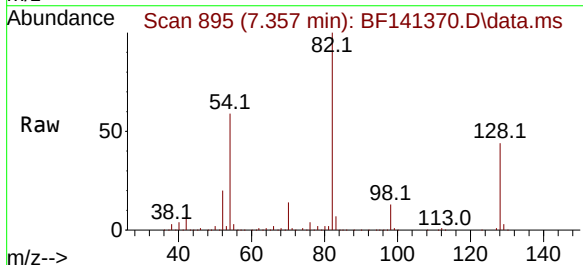
Tgt Ion: 82 Resp: 855143

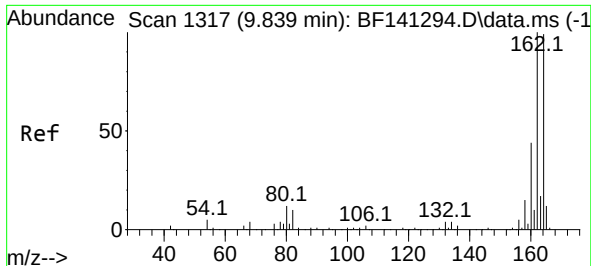
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 14.7 22.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141370.D

Acq: 03 Feb 2025 15:26

Instrument :

BNA_F

ClientSampleId :

RBR22266

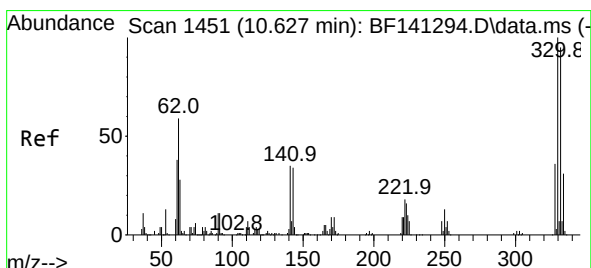
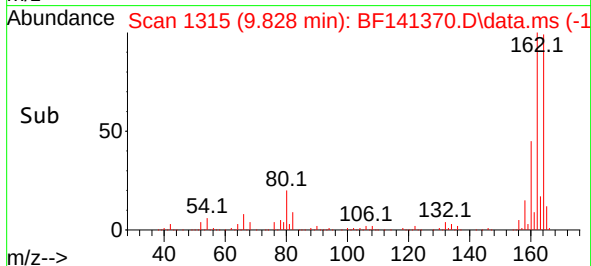
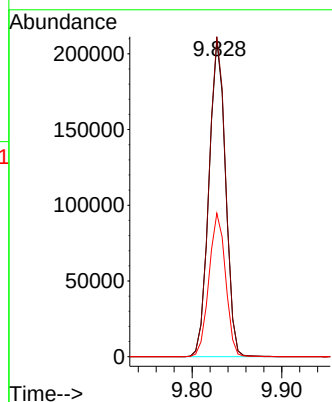
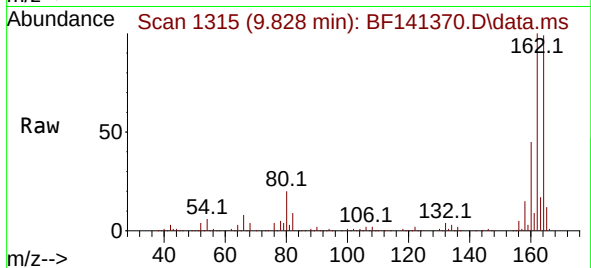
Tgt Ion:164 Resp: 267756

Ion Ratio Lower Upper

164 100

162 101.3 80.6 121.0

160 45.4 35.8 53.6



#42

2,4,6-Tribromophenol

Concen: 152.644 ng

RT: 10.622 min Scan# 1450

Delta R.T. -0.012 min

Lab File: BF141370.D

Acq: 03 Feb 2025 15:26

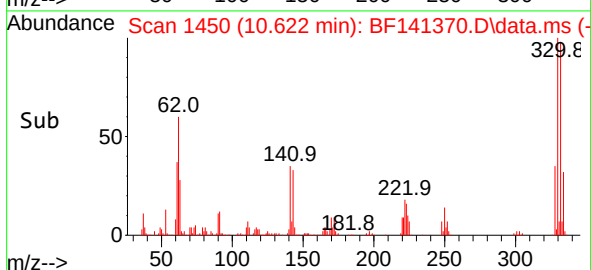
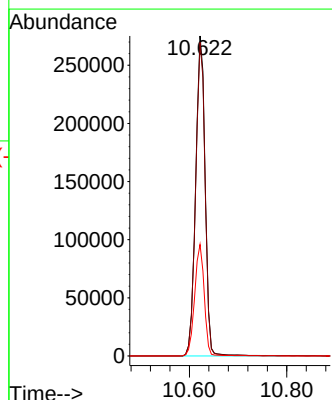
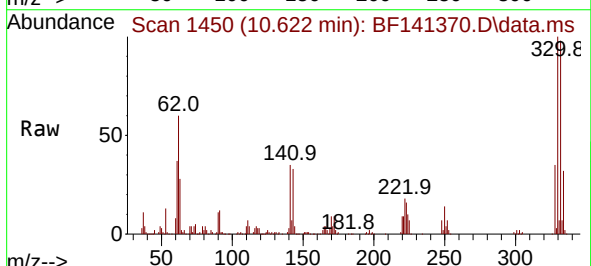
Tgt Ion:330 Resp: 374695

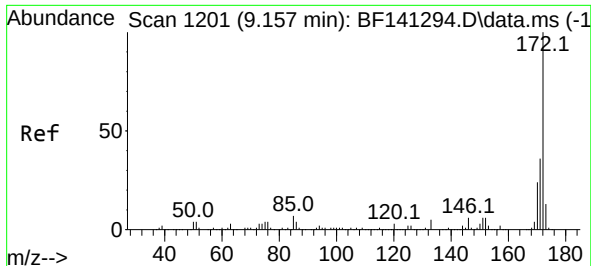
Ion Ratio Lower Upper

330 100

332 97.2 76.1 114.1

141 35.2 28.8 43.2

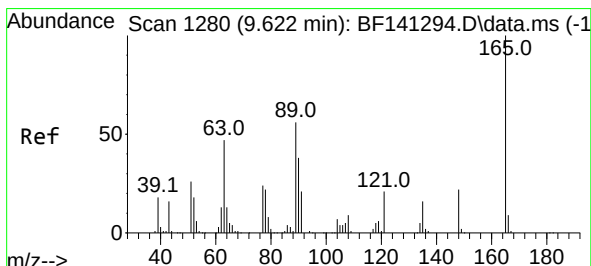
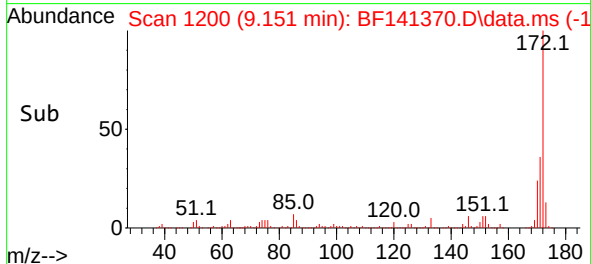
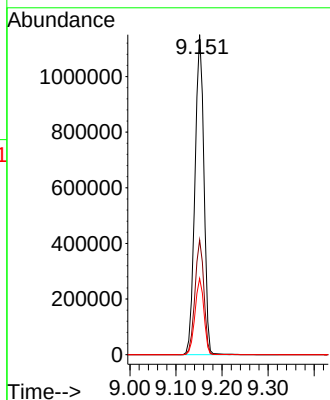
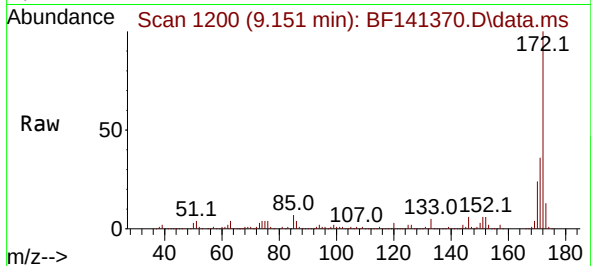




#45
2-Fluorobiphenyl
Concen: 89.287 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141370.D
Acq: 03 Feb 2025 15:26

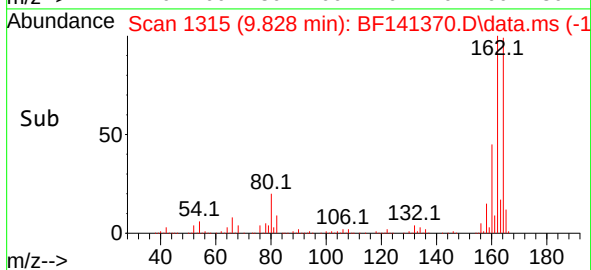
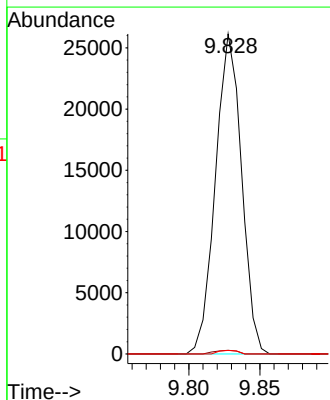
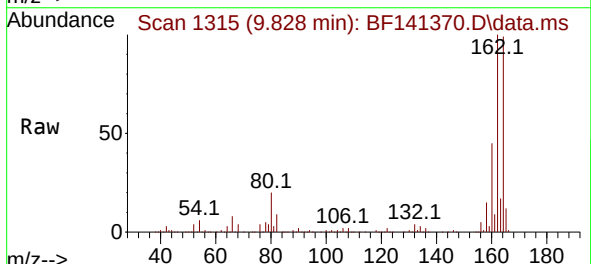
Instrument :
BNA_F
ClientSampleId :
RBR22266

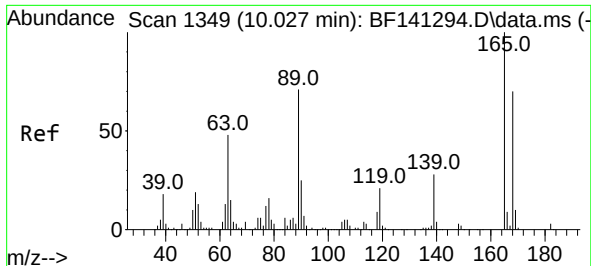
Tgt Ion:172 Resp: 1553236
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 23.8 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 7.934 ng
RT: 9.828 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF141370.D
Acq: 03 Feb 2025 15:26

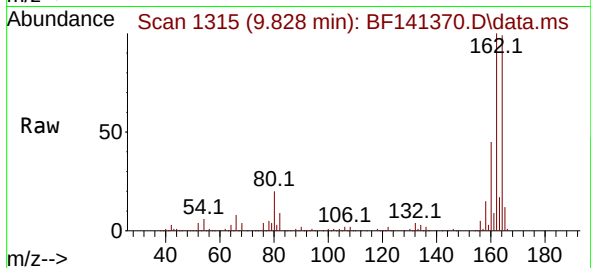
Tgt Ion:165 Resp: 33313
Ion Ratio Lower Upper
165 100
63 1.2 48.1 72.1#
89 1.1 44.9 67.3#



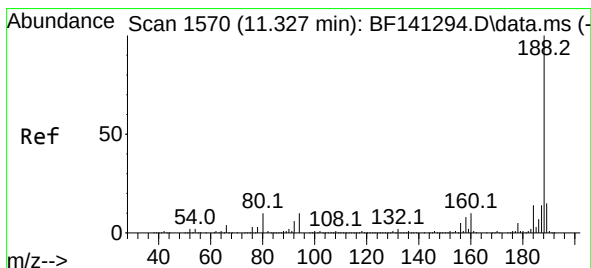
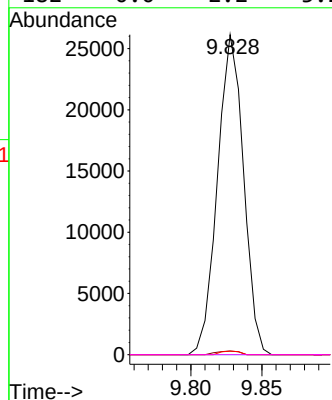
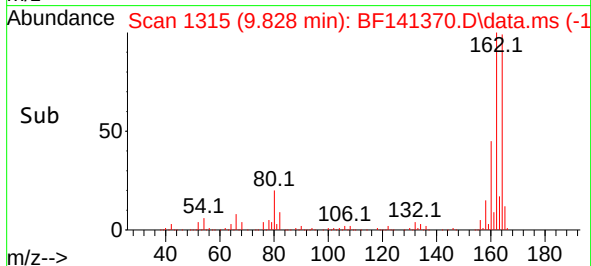


#57
2,4-Dinitrotoluene
Concen: 6.128 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF141370.D
Acq: 03 Feb 2025 15:26

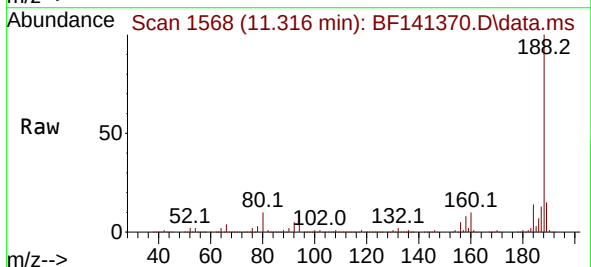
Instrument :
BNA_F
ClientSampleId :
RBR22266



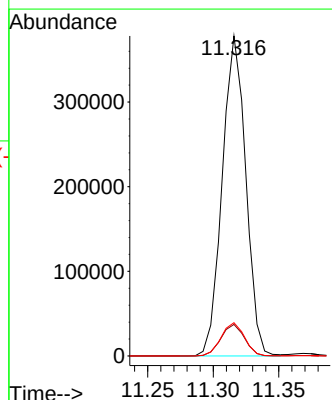
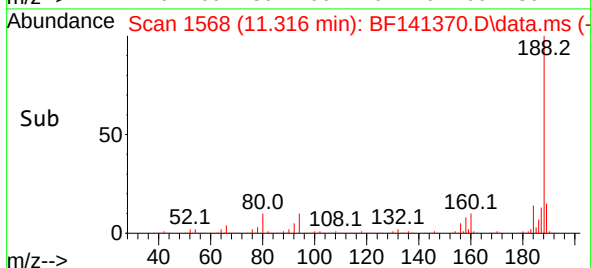
Tgt Ion:165 Resp: 33313
Ion Ratio Lower Upper
165 100
63 1.2 39.2 58.8#
89 1.1 56.9 85.3#
182 0.0 2.2 3.2#

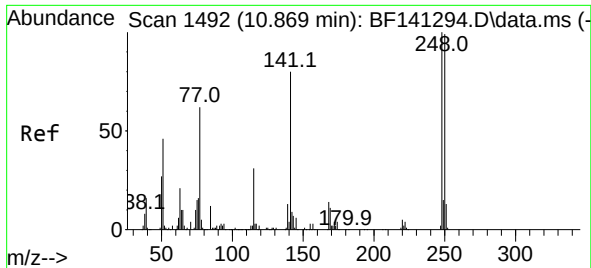


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1568
Delta R.T. -0.012 min
Lab File: BF141370.D
Acq: 03 Feb 2025 15:26



Tgt Ion:188 Resp: 472257
Ion Ratio Lower Upper
188 100
94 9.8 7.8 11.6
80 10.4 8.2 12.4

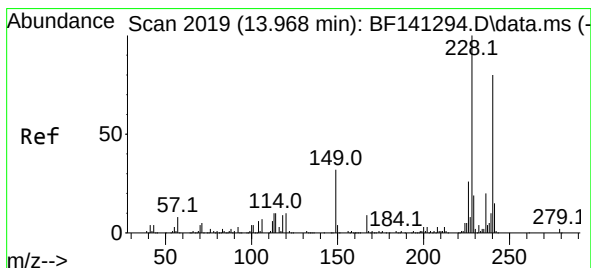
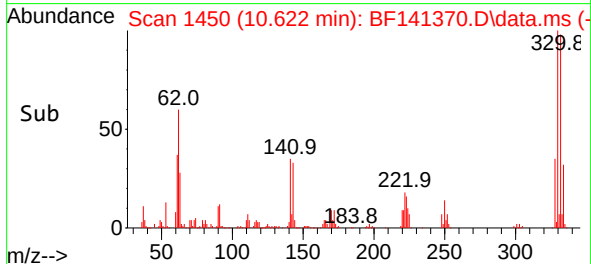
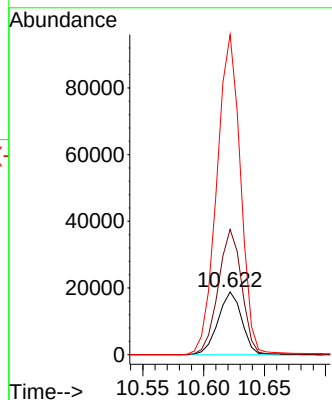
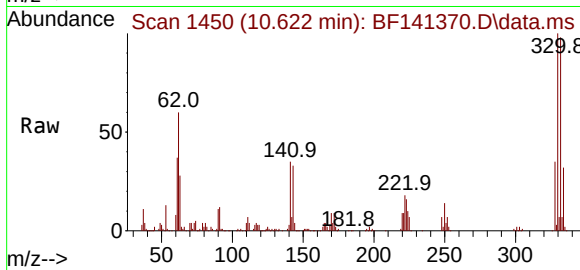




#67
4-Bromophenyl-phenylether
Concen: 4.811 ng
RT: 10.622 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF141370.D
Acq: 03 Feb 2025 15:26

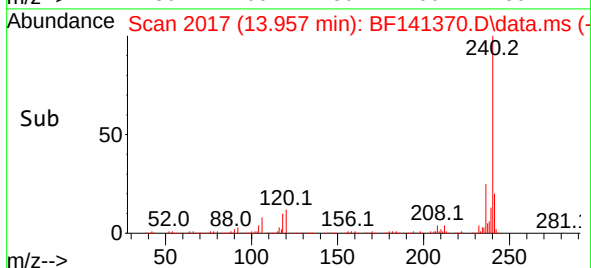
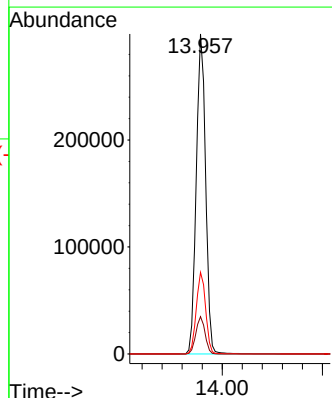
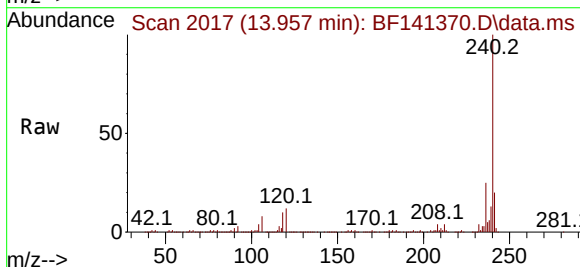
Instrument :
BNA_F
ClientSampleId :
RBR22266

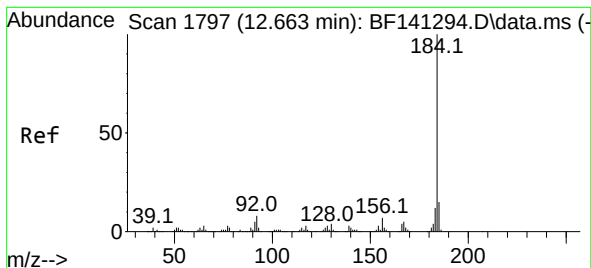
Tgt Ion:248 Resp: 25436
Ion Ratio Lower Upper
248 100
250 199.9 79.0 118.4#
141 510.5 63.7 95.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.018 min
Lab File: BF141370.D
Acq: 03 Feb 2025 15:26

Tgt Ion:240 Resp: 387079
Ion Ratio Lower Upper
240 100
120 11.7 10.0 15.0
236 25.5 19.7 29.5





#77

Benzidine

Concen: 2.001 ng

RT: 12.910 min Scan# 1839

Delta R.T. 0.247 min

Lab File: BF141370.D

Acq: 03 Feb 2025 15:26

Instrument :

BNA_F

ClientSampleId :

RBR22266

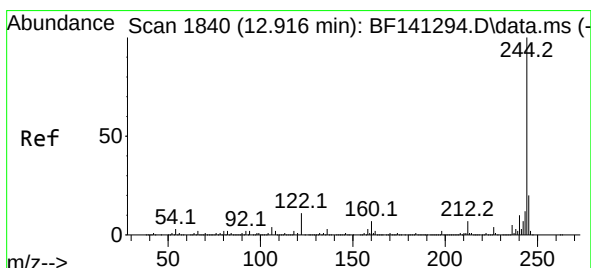
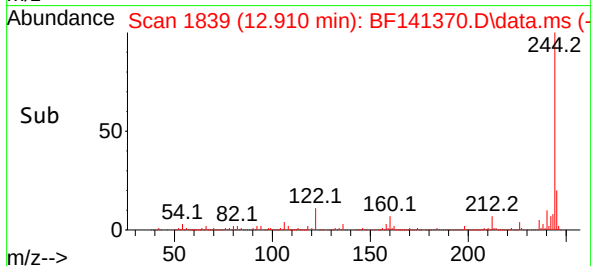
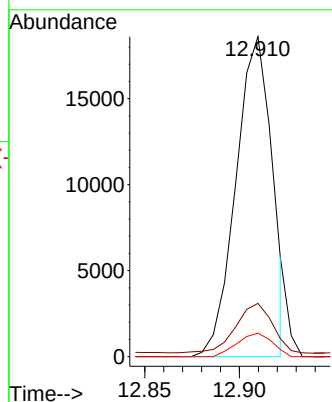
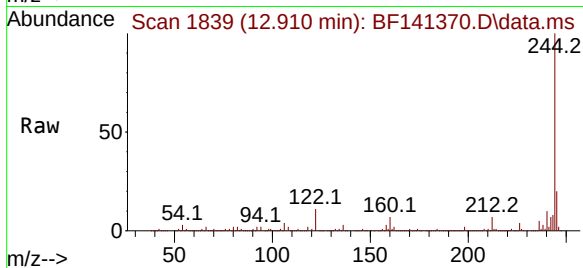
Tgt Ion:184 Resp: 24830

Ion Ratio Lower Upper

184 100

185 16.7 11.9 17.9

183 7.3 9.5 14.3#



#79

Terphenyl-d14

Concen: 77.961 ng

RT: 12.910 min Scan# 1839

Delta R.T. -0.006 min

Lab File: BF141370.D

Acq: 03 Feb 2025 15:26

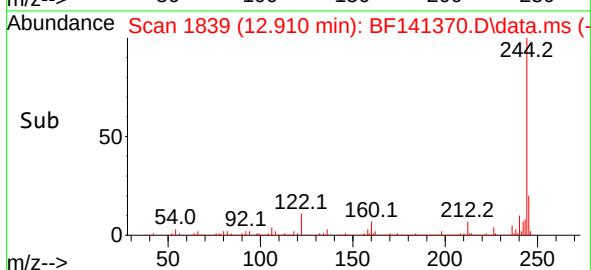
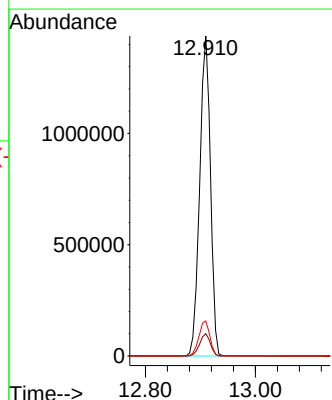
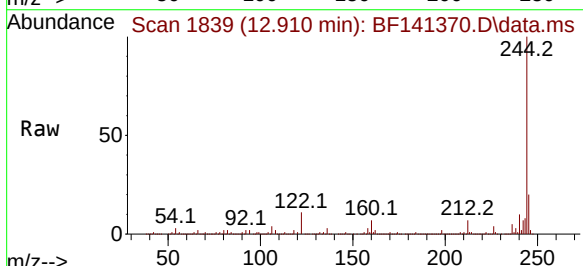
Tgt Ion:244 Resp: 1956764

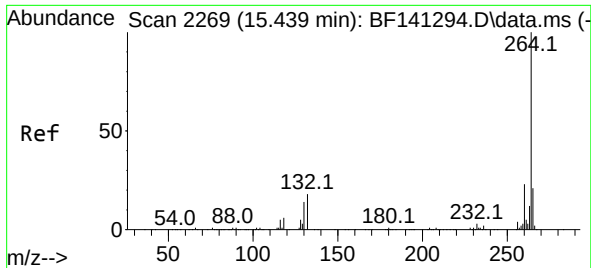
Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

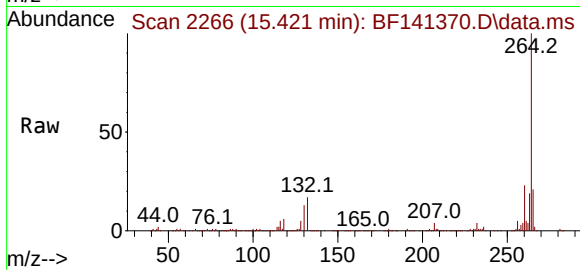
122 10.9 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BF141370.D
 Acq: 03 Feb 2025 15:26

Instrument :
 BNA_F
 ClientSampleId :
 RBR22266



Tgt Ion:264 Resp: 250964
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 27.8
 265 21.1 16.7 25.1

