

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
 Data File : BF141374.D
 Acq On : 03 Feb 2025 17:41
 Operator : RC/JU
 Sample : PB166335BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166335BL

Quant Time: Feb 04 00:17:20 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)

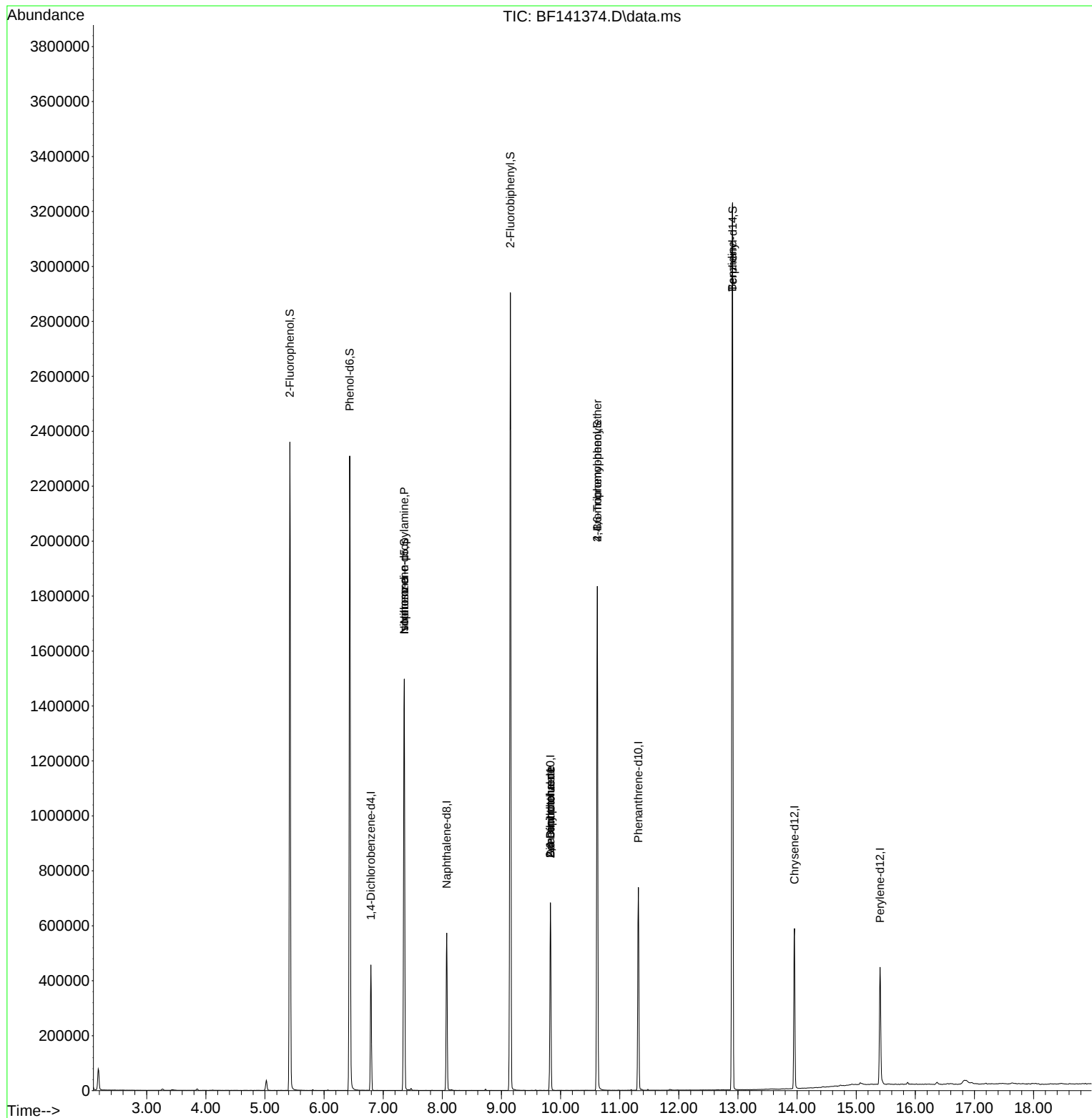
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	90939	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	365110	20.000	ng	-0.01
39) Acenaphthene-d10	9.827	164	206122	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	372851	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	290144	20.000	ng	-0.02
86) Perylene-d12	15.404	264	250729	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	848585	143.255	ng	0.01
7) Phenol-d6	6.434	99	1051248	139.505	ng	0.00
23) Nitrobenzene-d5	7.357	82	692344	99.964	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	298509	157.969	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1317661	98.395	ng	-0.01
79) Terphenyl-d14	12.910	244	1706427	90.701	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.357	70	93275	20.831	ng	# 76
25) Isophorone	7.357	82	685122	57.226	ng	# 64
50) Dimethylphthalate	9.827	163	29266	2.102	ng	# 1
51) 2,6-Dinitrotoluene	9.827	165	26683	8.255	ng	# 23
57) 2,4-Dinitrotoluene	9.827	165	26683	6.376	ng	# 23
67) 4-Bromophenyl-phenylether	10.622	248	20079	4.810	ng	# 1
77) Benzidine	12.904	184	21602	2.322	ng	# 91

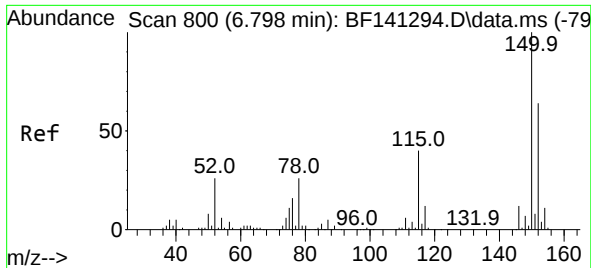
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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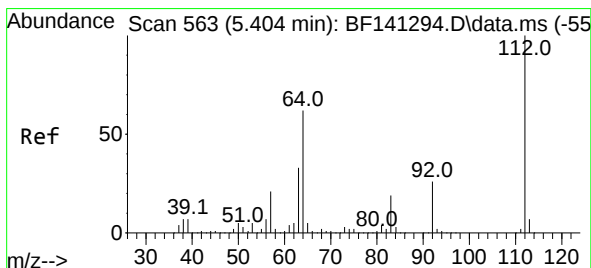
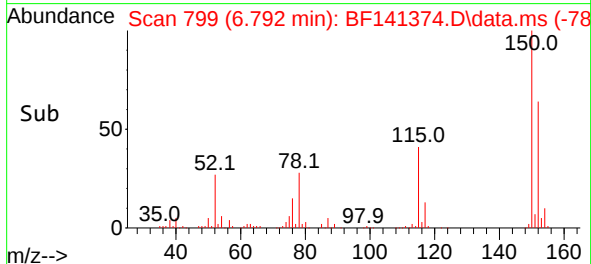
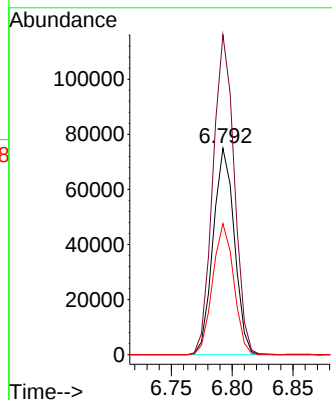
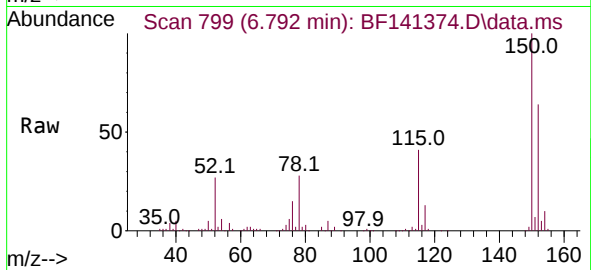




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF141374.D
Acq: 03 Feb 2025 17:41

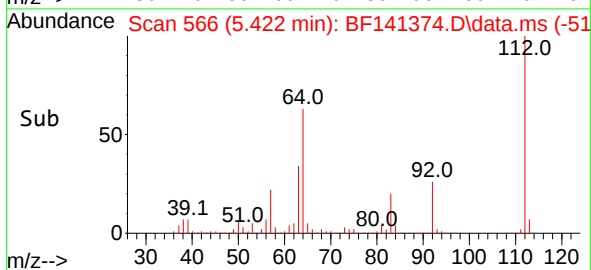
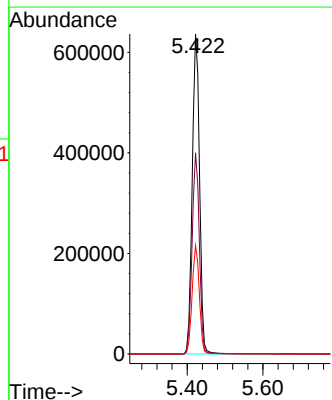
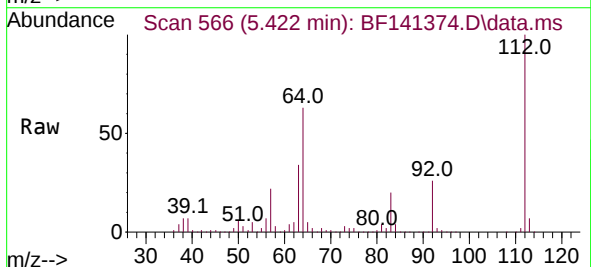
Instrument :
BNA_F
ClientSampleId :
PB166335BL

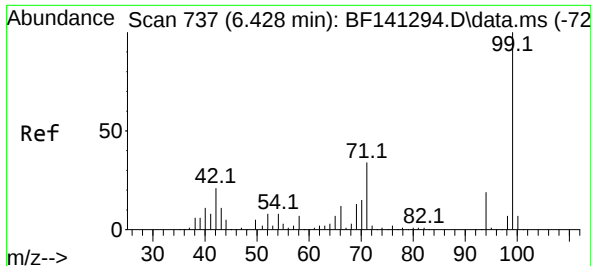
Tgt Ion:152 Resp: 90939
Ion Ratio Lower Upper
152 100
150 155.0 125.9 188.9
115 63.5 49.7 74.5



#5
2-Fluorophenol
Concen: 143.255 ng
RT: 5.422 min Scan# 566
Delta R.T. 0.012 min
Lab File: BF141374.D
Acq: 03 Feb 2025 17:41

Tgt Ion:112 Resp: 848585
Ion Ratio Lower Upper
112 100
64 62.8 49.8 74.8
63 33.9 26.1 39.1

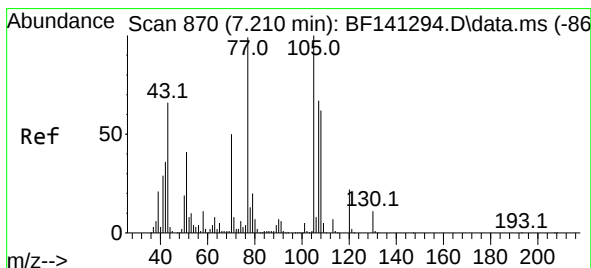
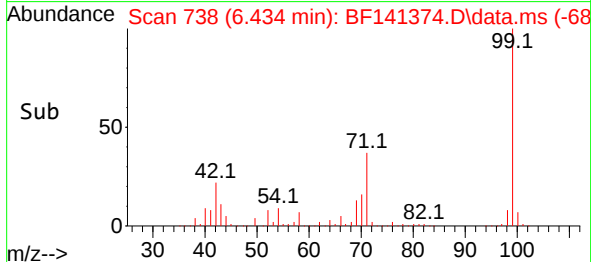
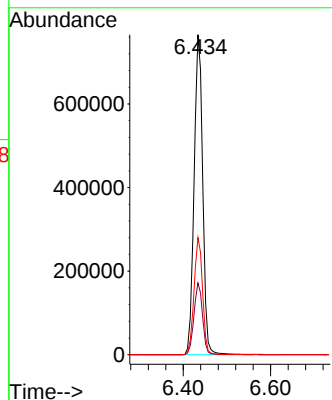
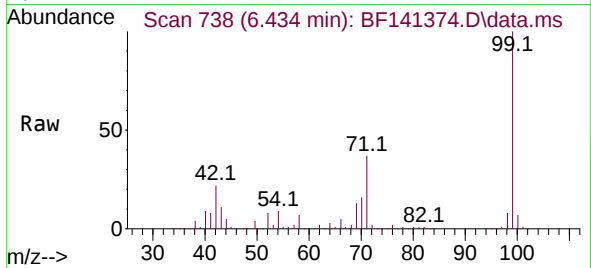




#7
Phenol-d6
Concen: 139.505 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141374.D
Acq: 03 Feb 2025 17:41

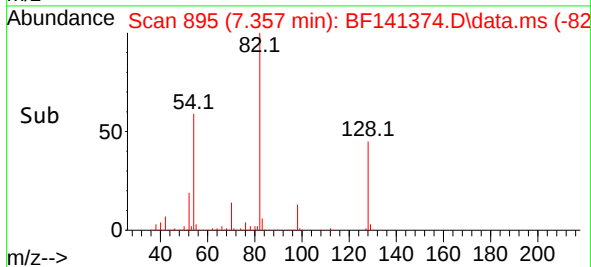
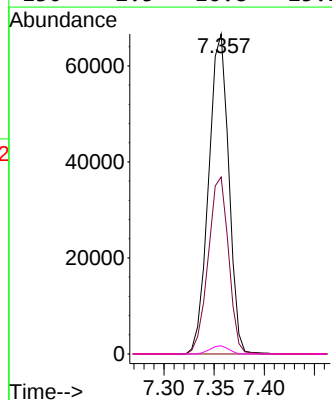
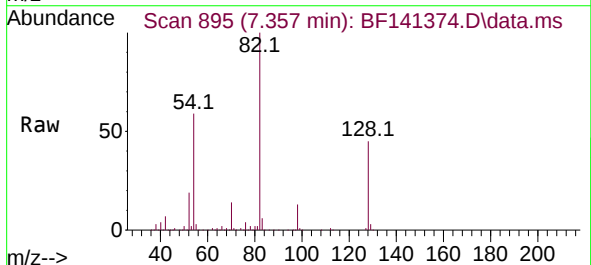
Instrument :
BNA_F
ClientSampleId :
PB166335BL

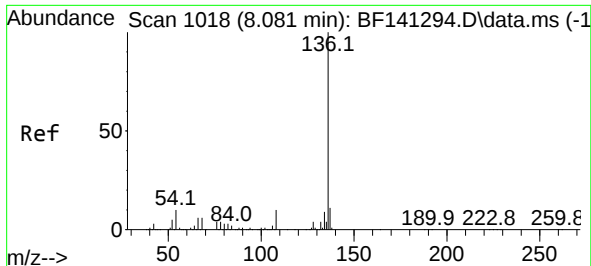
Tgt Ion: 99 Resp: 1051248
Ion Ratio Lower Upper
99 100
42 22.4 17.1 25.7
71 36.6 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 20.831 ng
RT: 7.357 min Scan# 895
Delta R.T. 0.129 min
Lab File: BF141374.D
Acq: 03 Feb 2025 17:41

Tgt Ion: 70 Resp: 93275
Ion Ratio Lower Upper
70 100
42 55.3 56.8 85.2#
101 0.0 7.7 11.5#
130 2.5 16.8 25.2#



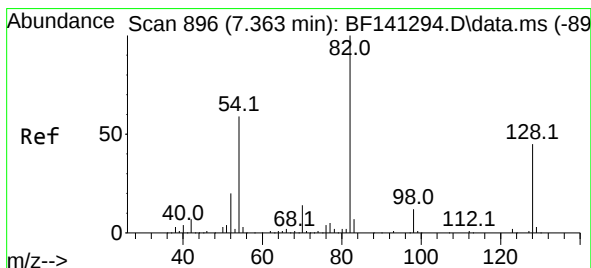
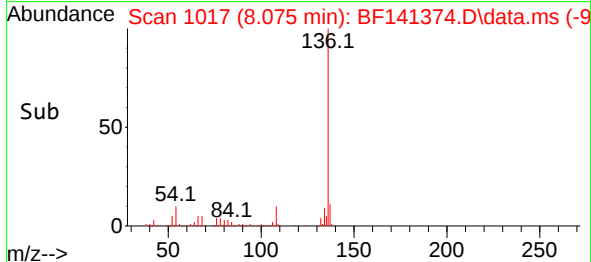
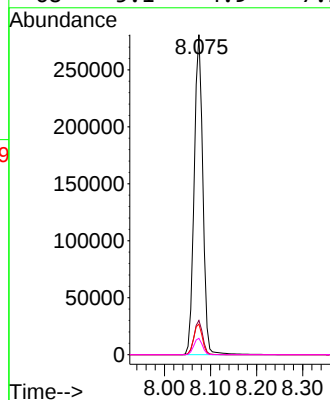
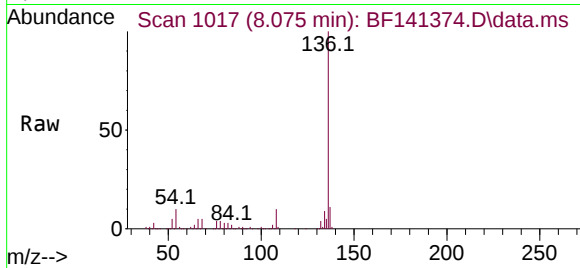


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BF141374.D
Acq: 03 Feb 2025 17:41

Instrument :
BNA_F
ClientSampleId :
PB166335BL

Tgt Ion:136 Resp: 365110

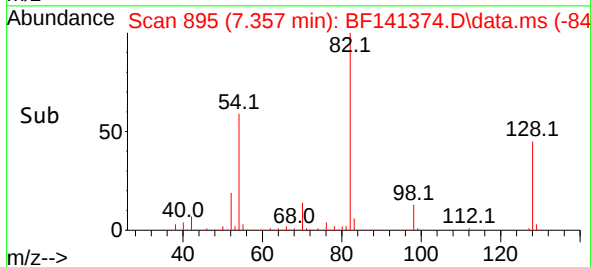
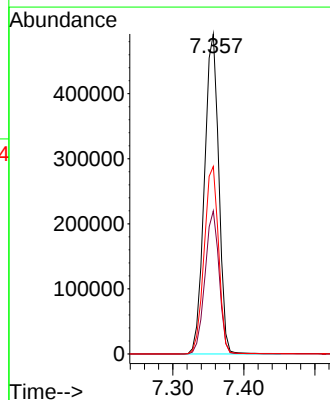
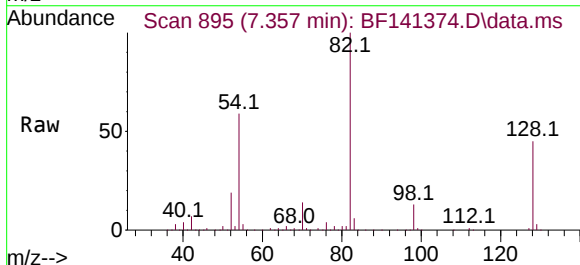
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	9.5	7.8	11.8
68	5.1	4.9	7.3

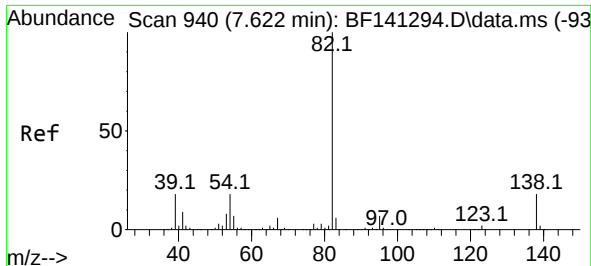


#23
Nitrobenzene-d5
Concen: 99.964 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF141374.D
Acq: 03 Feb 2025 17:41

Tgt Ion: 82 Resp: 692344

Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.7	53.5
54	58.6	47.1	70.7

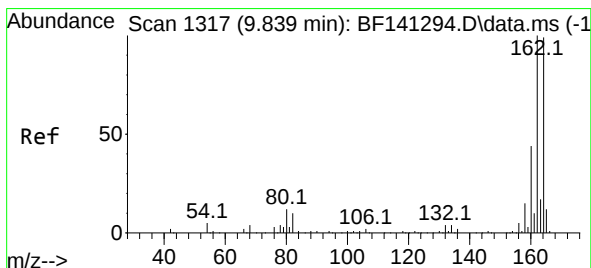
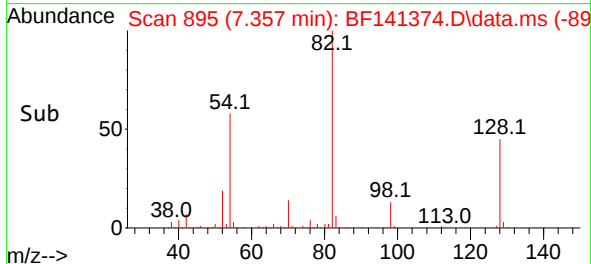
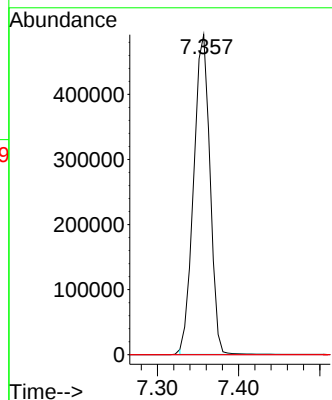
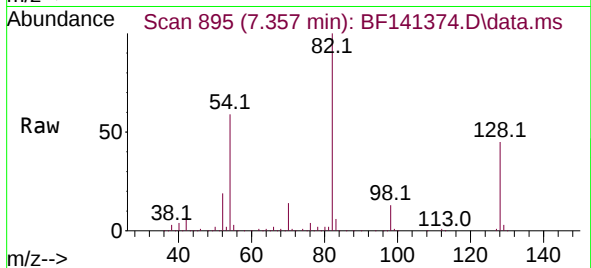




#25
Isophorone
Concen: 57.226 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF141374.D
Acq: 03 Feb 2025 17:41

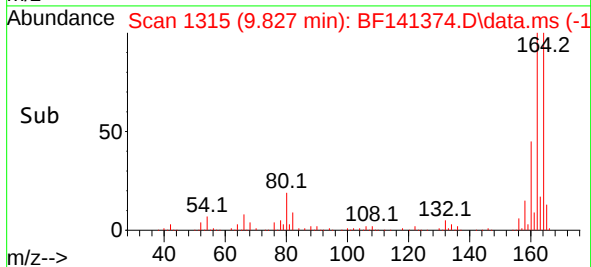
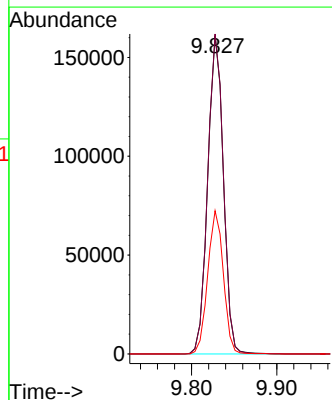
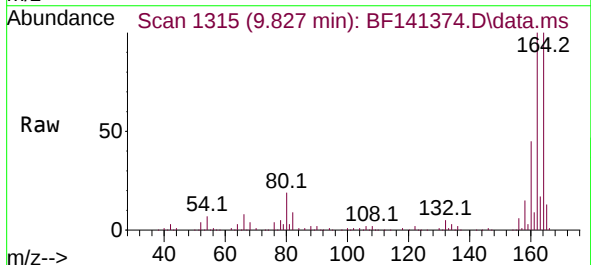
Instrument :
BNA_F
ClientSampleId :
PB166335BL

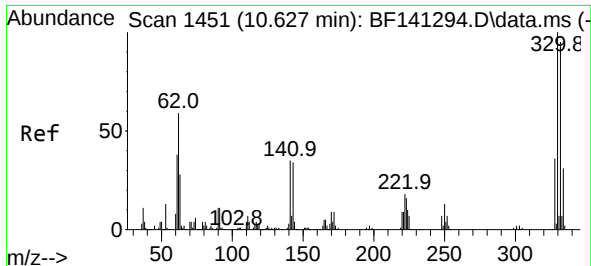
Tgt Ion: 82 Resp: 685122
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF141374.D
Acq: 03 Feb 2025 17:41

Tgt Ion:164 Resp: 206122
Ion Ratio Lower Upper
164 100
162 100.5 80.6 121.0
160 44.9 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 157.969 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF141374.D

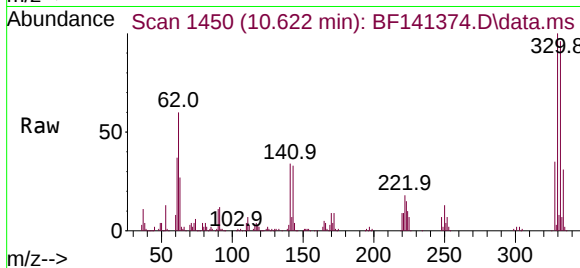
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Instrument :

BNA_F

ClientSampleId :

PB166335BL



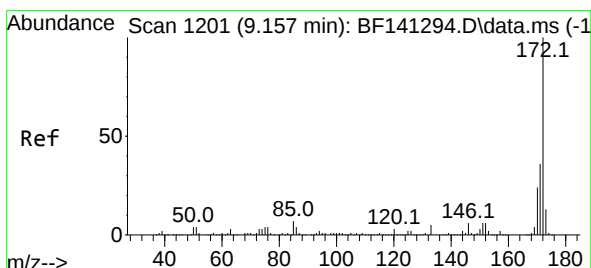
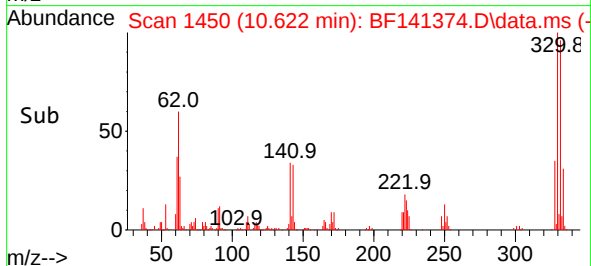
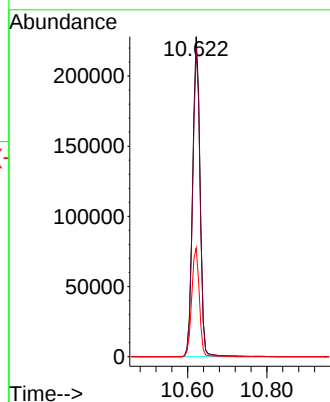
Tgt Ion:330 Resp: 298509

Ion Ratio Lower Upper

330 100

332 96.2 76.1 114.1

141 34.9 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 98.395 ng

RT: 9.151 min Scan# 1200

Delta R.T. -0.012 min

Lab File: BF141374.D

Acq: 03 Feb 2025 17:41

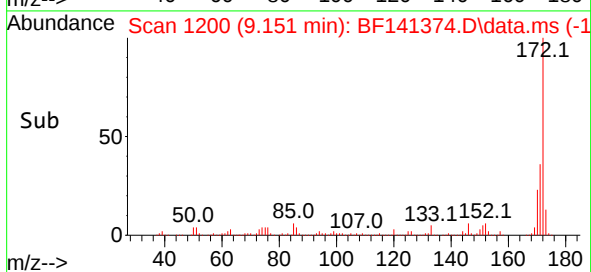
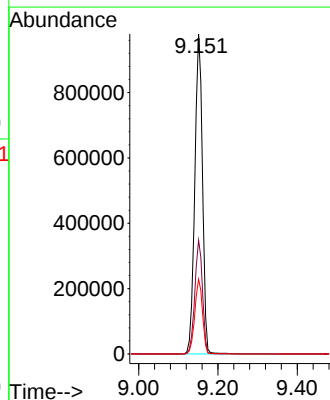
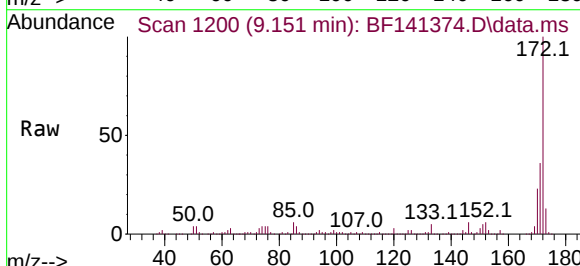
Tgt Ion:172 Resp: 1317661

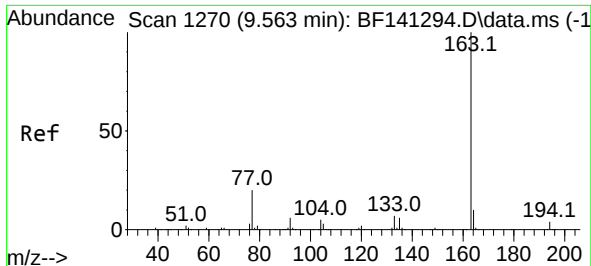
Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.4 19.0 28.6

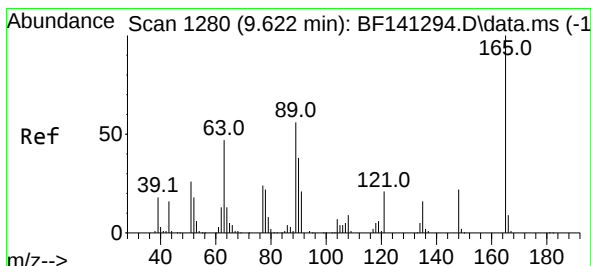
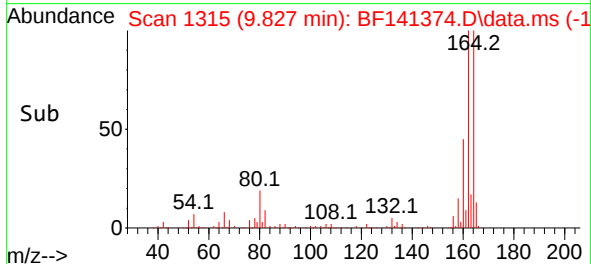
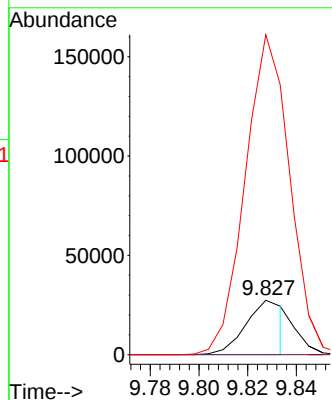
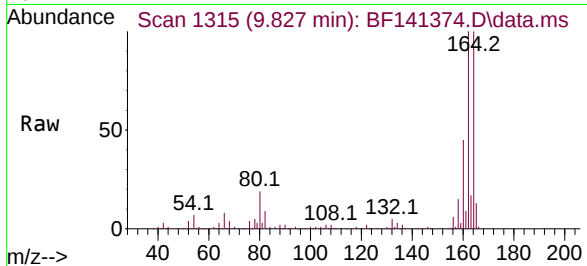




#50
Dimethylphthalate
Concen: 2.102 ng
RT: 9.827 min Scan# 1315
Delta R.T. 0.259 min
Lab File: BF141374.D
Acq: 03 Feb 2025 17:41

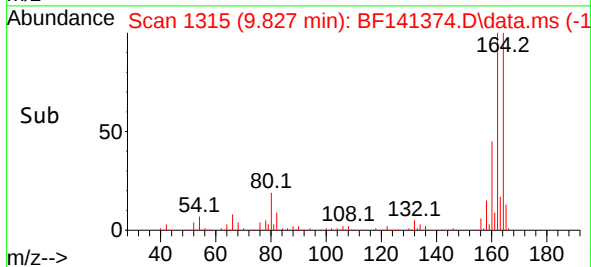
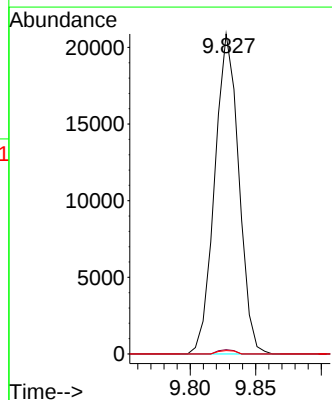
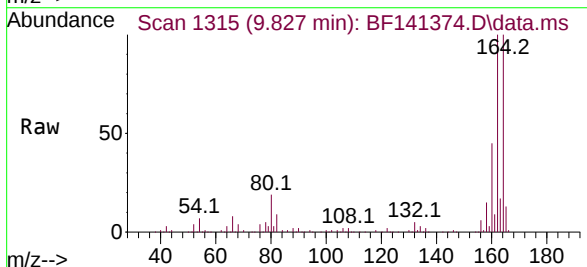
Instrument :
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PB166335BL

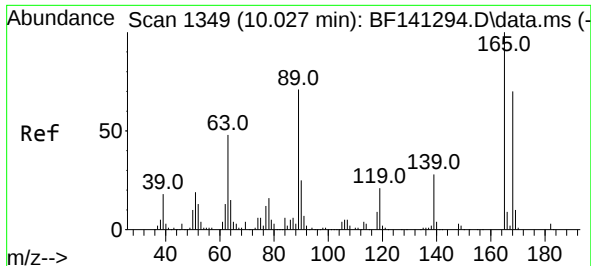
Tgt Ion:163 Resp: 29266
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 588.3 8.0 12.0#



#51
2,6-Dinitrotoluene
Concen: 8.255 ng
RT: 9.827 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF141374.D
Acq: 03 Feb 2025 17:41

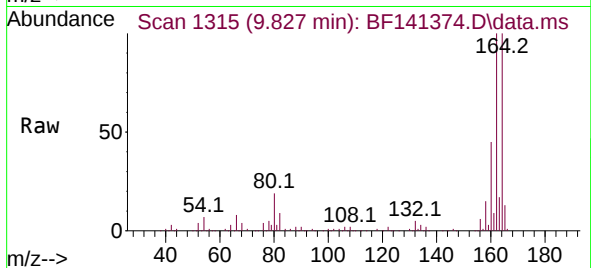
Tgt Ion:165 Resp: 26683
Ion Ratio Lower Upper
165 100
63 1.3 48.1 72.1#
89 1.1 44.9 67.3#



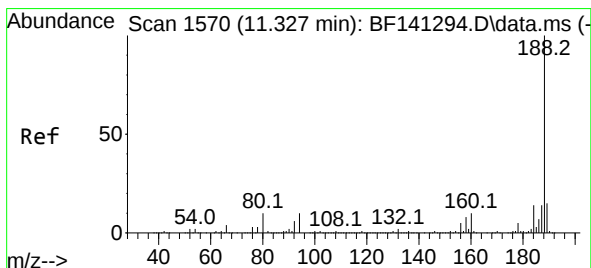
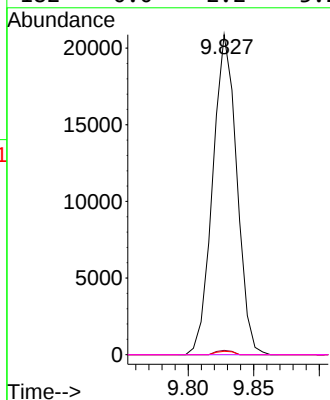
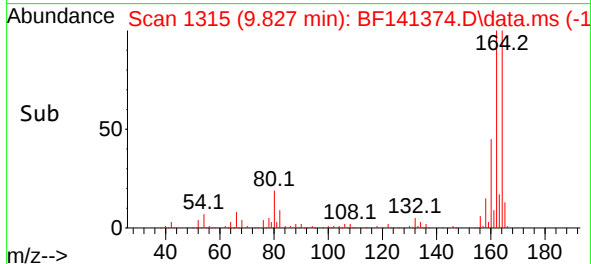


#57
2,4-Dinitrotoluene
Concen: 6.376 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF141374.D
Acq: 03 Feb 2025 17:41

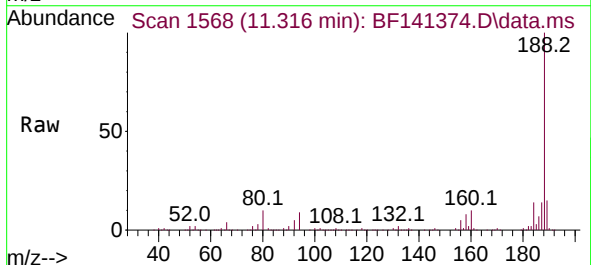
Instrument :
BNA_F
ClientSampleId :
PB166335BL



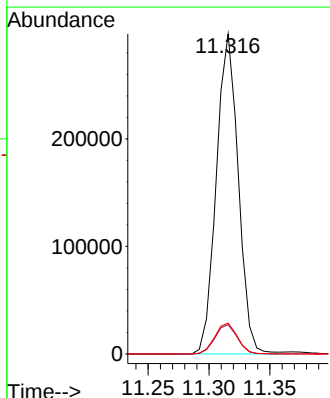
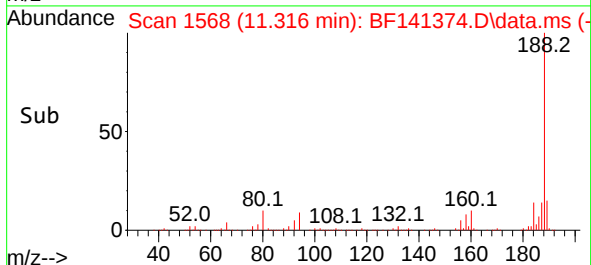
Tgt Ion:165 Resp: 26683
Ion Ratio Lower Upper
165 100
63 1.3 39.2 58.8#
89 1.1 56.9 85.3#
182 0.0 2.2 3.2#

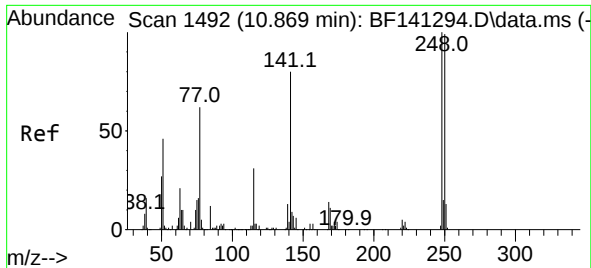


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1568
Delta R.T. -0.012 min
Lab File: BF141374.D
Acq: 03 Feb 2025 17:41



Tgt Ion:188 Resp: 372851
Ion Ratio Lower Upper
188 100
94 9.2 7.8 11.6
80 9.6 8.2 12.4

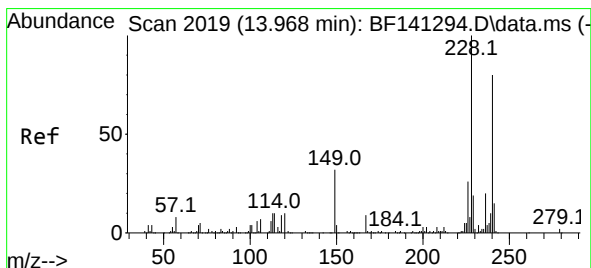
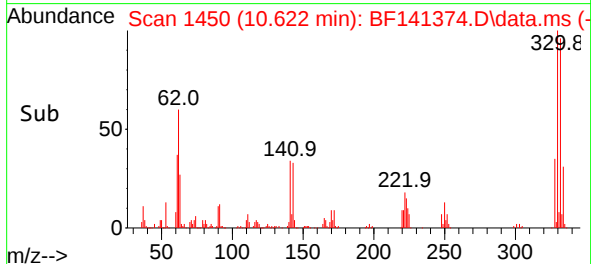
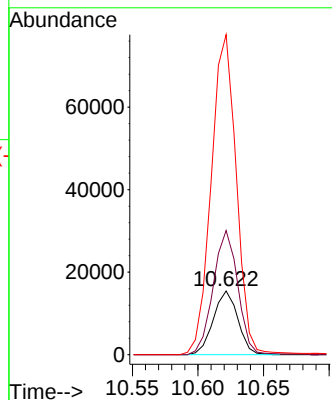
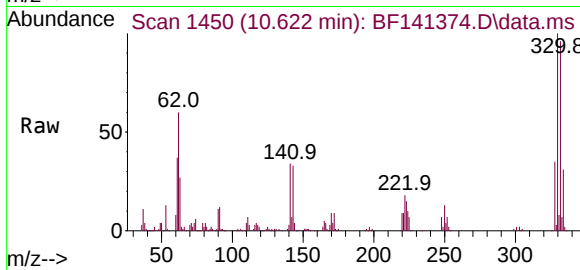




#67
4-Bromophenyl-phenylether
Concen: 4.810 ng
RT: 10.622 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF141374.D
Acq: 03 Feb 2025 17:41

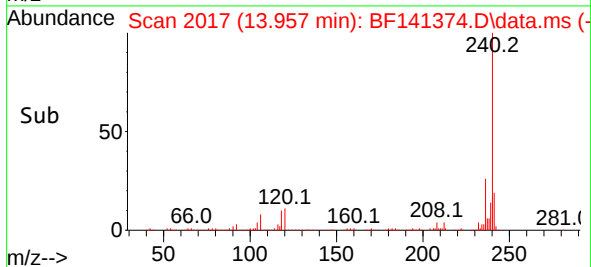
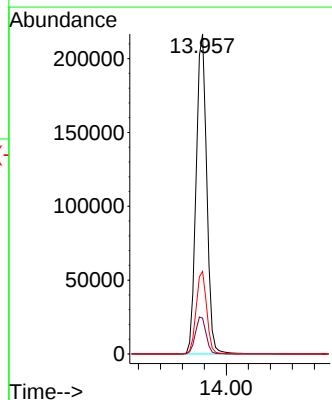
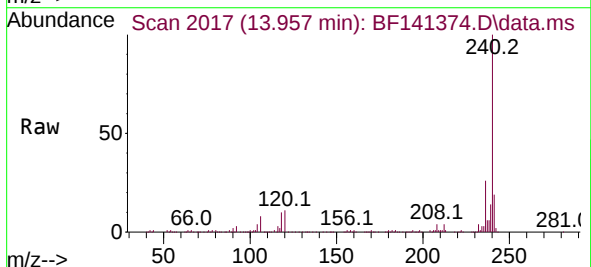
Instrument :
BNA_F
ClientSampleId :
PB166335BL

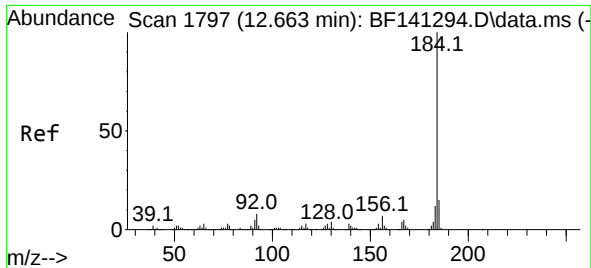
Tgt Ion:248 Resp: 20079
Ion Ratio Lower Upper
248 100
250 194.8 79.0 118.4#
141 502.0 63.7 95.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.018 min
Lab File: BF141374.D
Acq: 03 Feb 2025 17:41

Tgt Ion:240 Resp: 290144
Ion Ratio Lower Upper
240 100
120 11.2 10.0 15.0
236 25.8 19.7 29.5

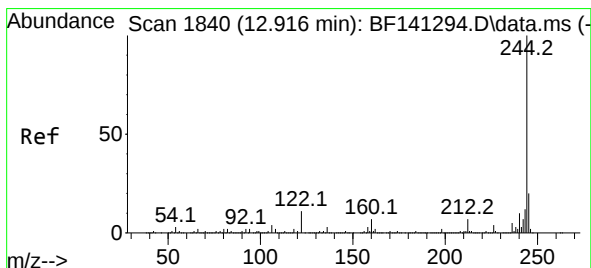
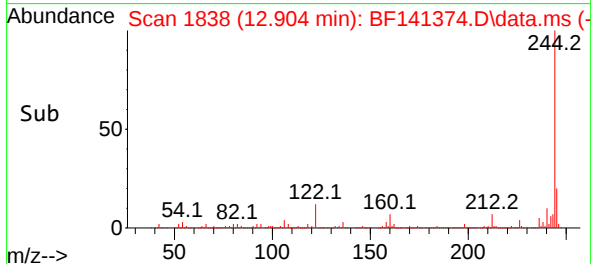
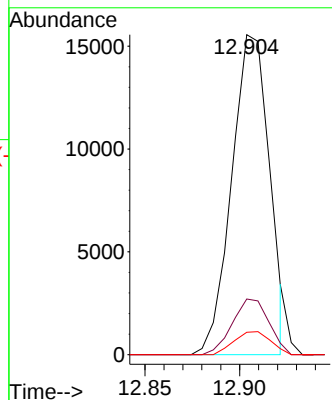
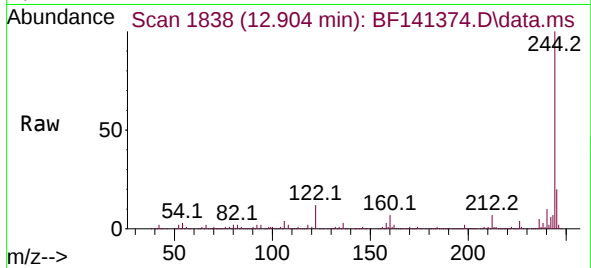




#77
Benzidine
Concen: 2.322 ng
RT: 12.904 min Scan# 1838
Delta R.T. 0.241 min
Lab File: BF141374.D
Acq: 03 Feb 2025 17:41

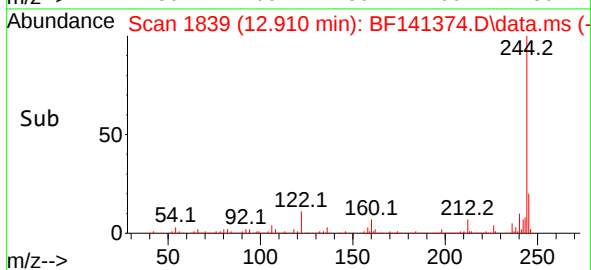
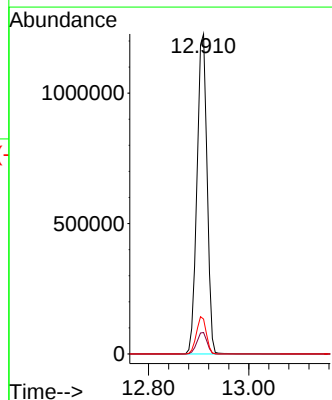
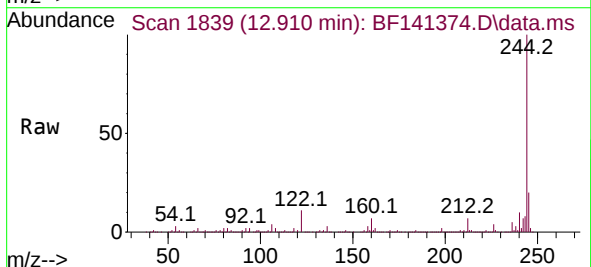
Instrument :
BNA_F
ClientSampleId :
PB166335BL

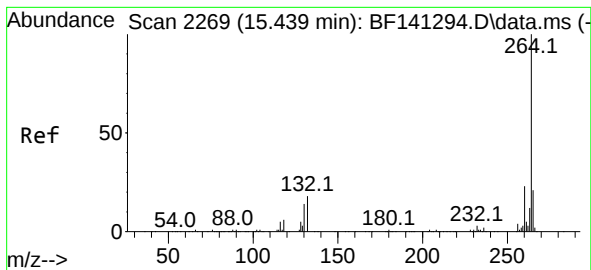
Tgt Ion:184 Resp: 21602
Ion Ratio Lower Upper
184 100
185 17.4 11.9 17.9
183 7.0 9.5 14.3#



#79
Terphenyl-d14
Concen: 90.701 ng
RT: 12.910 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF141374.D
Acq: 03 Feb 2025 17:41

Tgt Ion:244 Resp: 1706427
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 10.9 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.404 min Scan# 21
Delta R.T. -0.036 min
Lab File: BF141374.D
Acq: 03 Feb 2025 17:41

Instrument :
BNA_F
ClientSampleId :
PB166335BL

Tgt Ion:264 Resp: 250729

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	21.1	16.7	25.1

