

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
 Data File : BF141375.D
 Acq On : 03 Feb 2025 18:12
 Operator : RC/JU
 Sample : Q1216-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-21.2-012825

Quant Time: Feb 04 00:17:38 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)

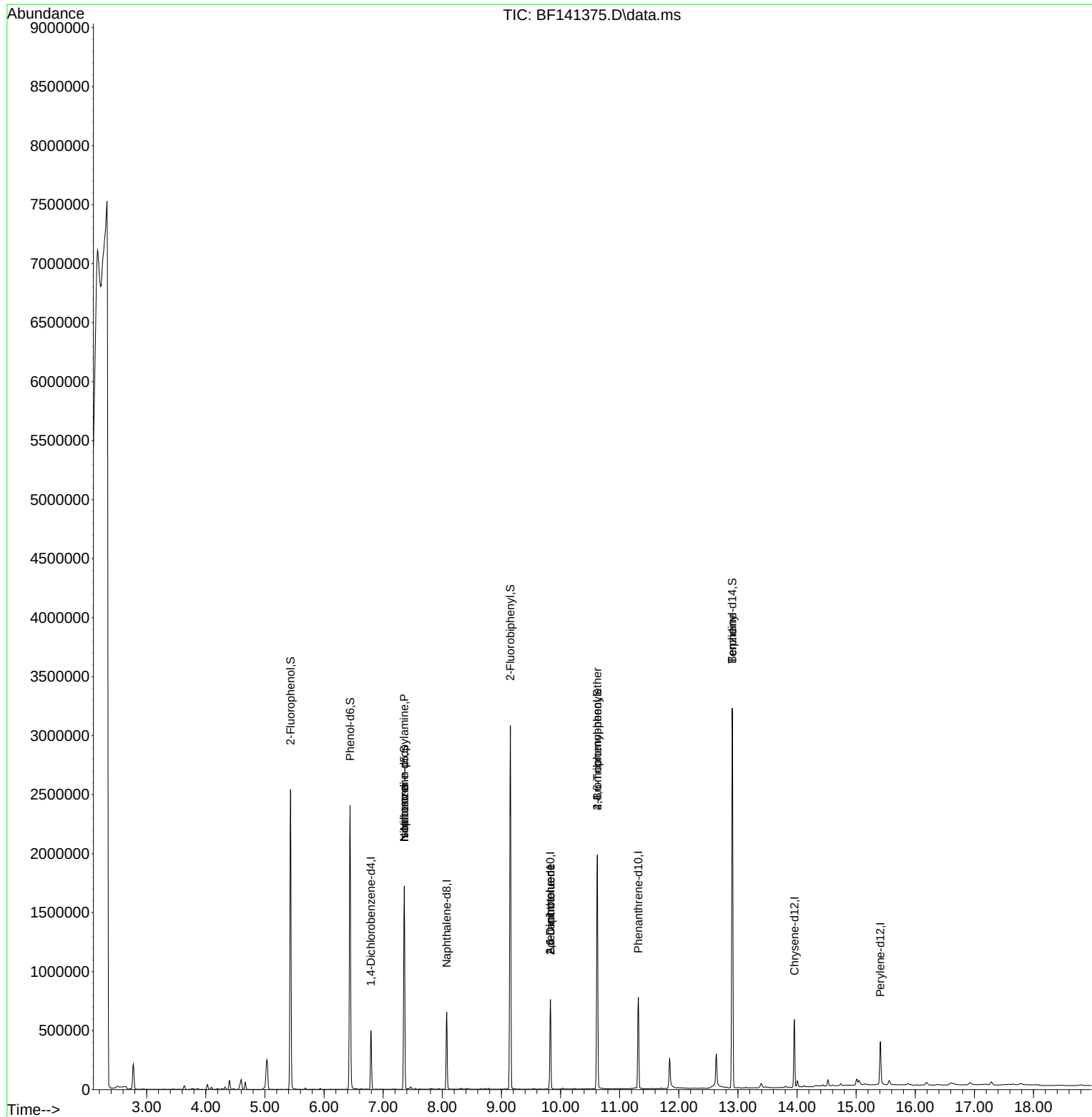
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	99448	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	410147	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	226351	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	389099	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	282756	20.000	ng	-0.02
86) Perylene-d12	15.410	264	207018	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	921985	142.329	ng	0.02
7) Phenol-d6	6.440	99	1118463	135.725	ng	0.00
23) Nitrobenzene-d5	7.357	82	766584	98.530	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	337083	162.440	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1394431	94.822	ng	-0.01
79) Terphenyl-d14	12.904	244	1614714	88.068	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.357	70	103917	21.222	ng	# 76
25) Isophorone	7.357	82	760102	56.518	ng	# 64
51) 2,6-Dinitrotoluene	9.828	165	29009	8.172	ng	# 23
57) 2,4-Dinitrotoluene	9.828	165	29009	6.312	ng	# 23
67) 4-Bromophenyl-phenylether	10.622	248	22694	5.210	ng	# 1
77) Benzidine	12.904	184	21183	2.337	ng	# 92

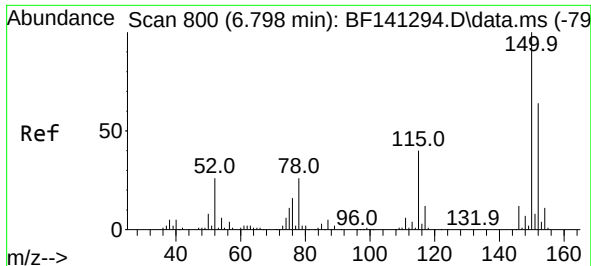
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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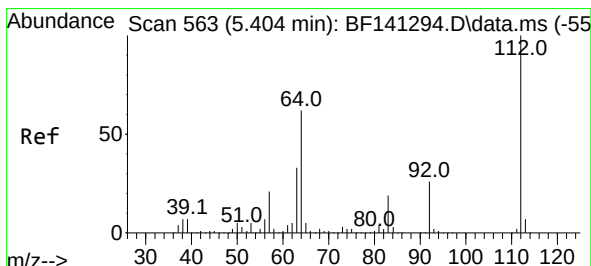
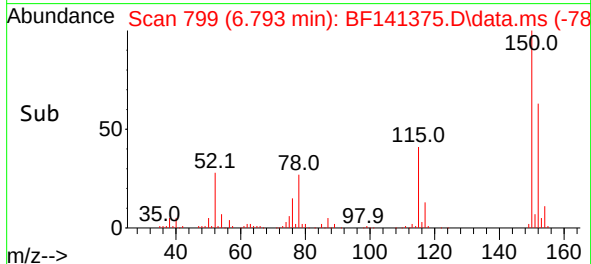
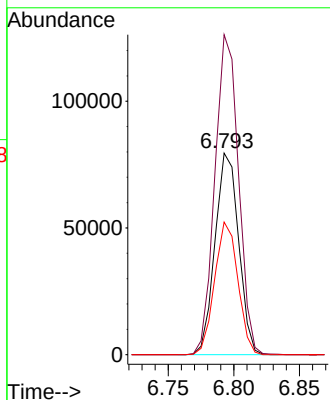
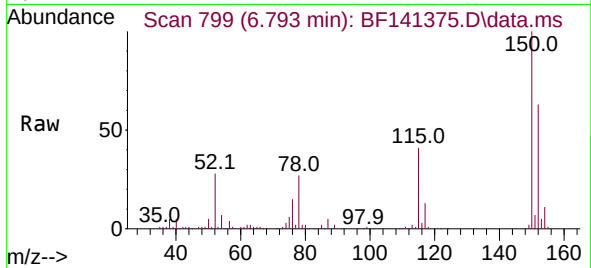




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.793 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF141375.D
 Acq: 03 Feb 2025 18:12

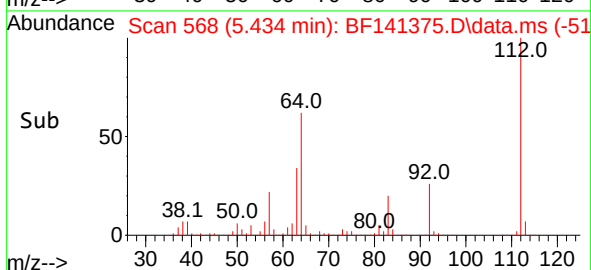
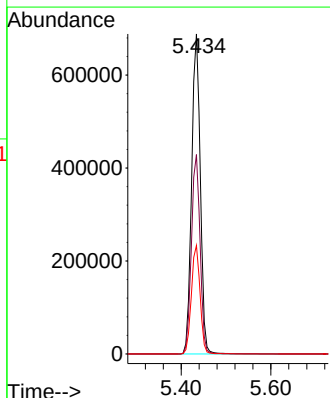
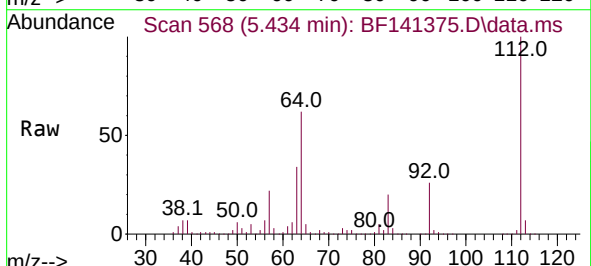
Instrument :
 BNA_F
 ClientSampleId :
 JPP-21.2-012825

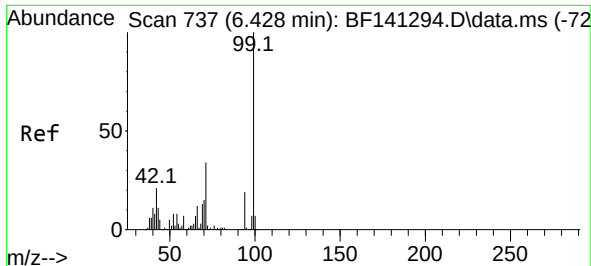
Tgt Ion:152 Resp: 99448
 Ion Ratio Lower Upper
 152 100
 150 158.7 125.9 188.9
 115 65.8 49.7 74.5



#5
 2-Fluorophenol
 Concen: 142.329 ng
 RT: 5.434 min Scan# 568
 Delta R.T. 0.024 min
 Lab File: BF141375.D
 Acq: 03 Feb 2025 18:12

Tgt Ion:112 Resp: 921985
 Ion Ratio Lower Upper
 112 100
 64 62.3 49.8 74.8
 63 33.9 26.1 39.1





#7

Phenol-d6

Concen: 135.725 ng

RT: 6.440 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF141375.D

Acq: 03 Feb 2025 18:12

Instrument :

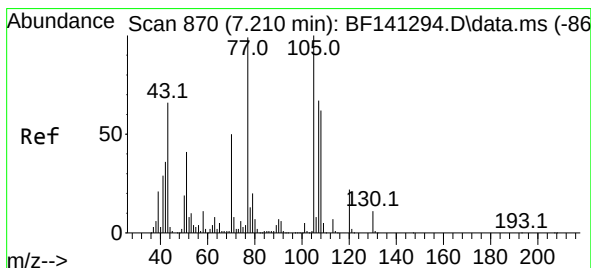
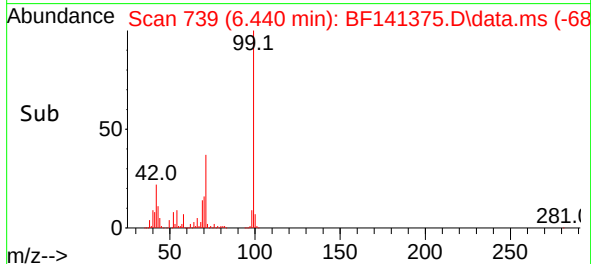
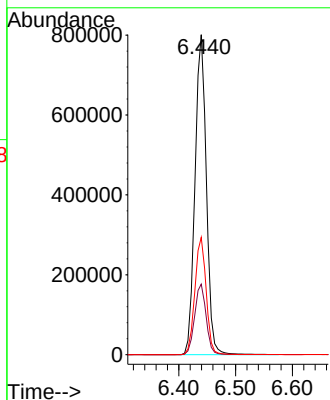
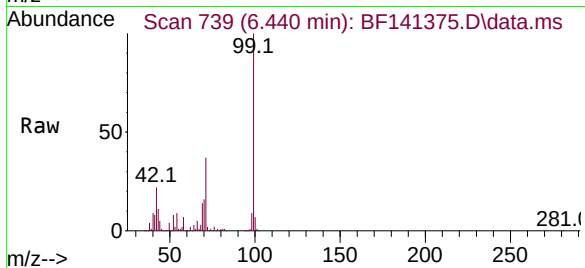
BNA_F

ClientSampleId :

JPP-21.2-012825

Tgt Ion: 99 Resp: 1118463

Ion	Ratio	Lower	Upper
99	100		
42	22.1	17.1	25.7
71	36.6	26.9	40.3



#19

n-Nitroso-di-n-propylamine

Concen: 21.222 ng

RT: 7.357 min Scan# 895

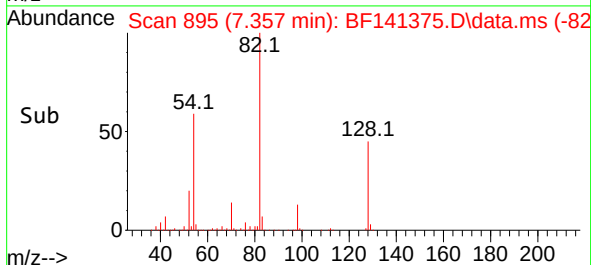
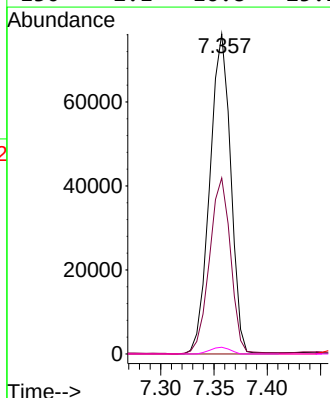
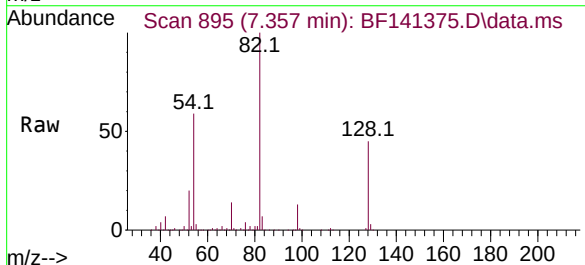
Delta R.T. 0.129 min

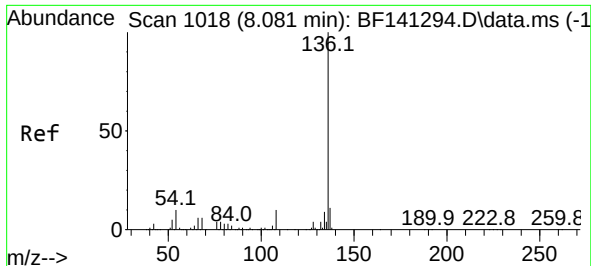
Lab File: BF141375.D

Acq: 03 Feb 2025 18:12

Tgt Ion: 70 Resp: 103917

Ion	Ratio	Lower	Upper
70	100		
42	55.0	56.8	85.2#
101	0.0	7.7	11.5#
130	2.1	16.8	25.2#



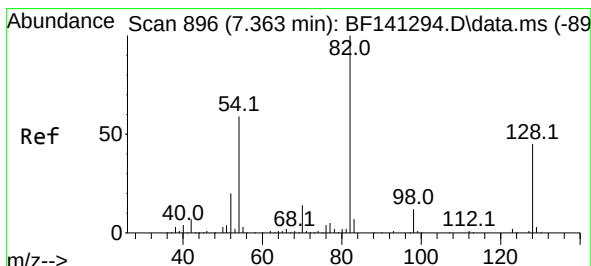
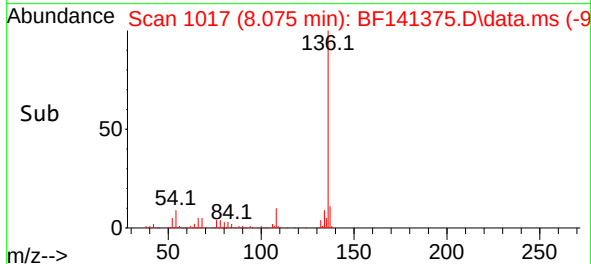
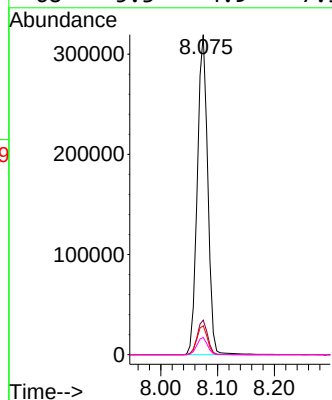
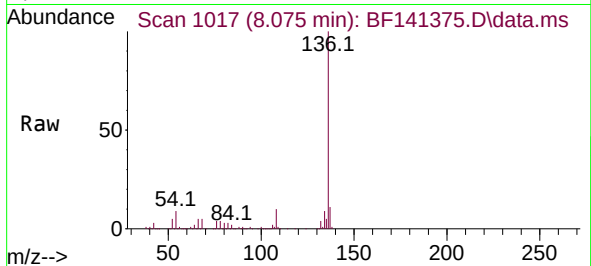


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BF141375.D
Acq: 03 Feb 2025 18:12

Instrument :
BNA_F
ClientSampleId :
JPP-21.2-012825

Tgt Ion:136 Resp: 410147

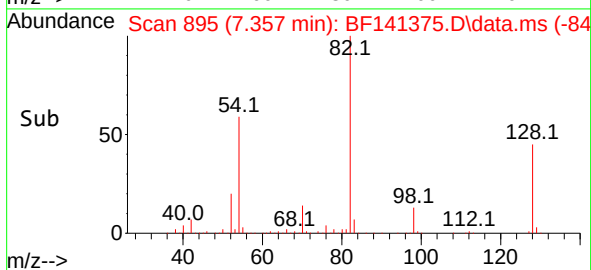
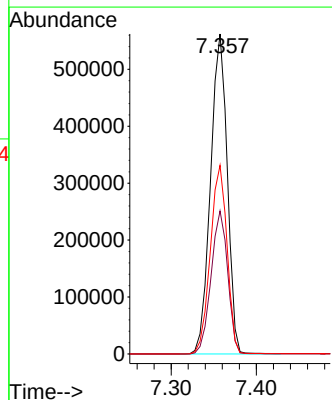
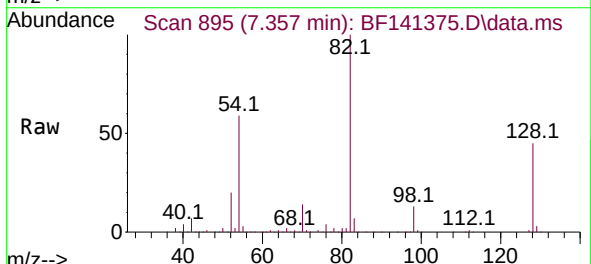
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	9.0	7.8	11.8
68	5.3	4.9	7.3

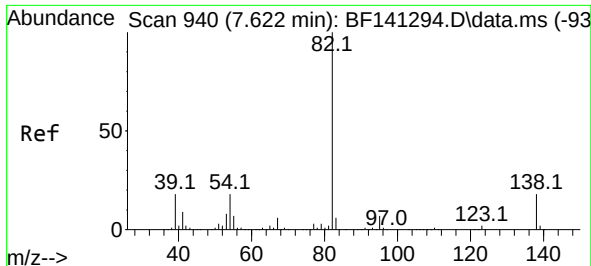


#23
Nitrobenzene-d5
Concen: 98.530 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF141375.D
Acq: 03 Feb 2025 18:12

Tgt Ion: 82 Resp: 766584

Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.7	53.5
54	59.0	47.1	70.7

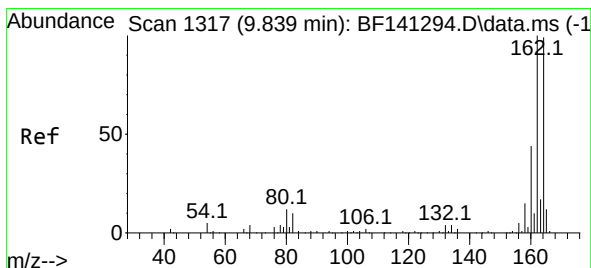
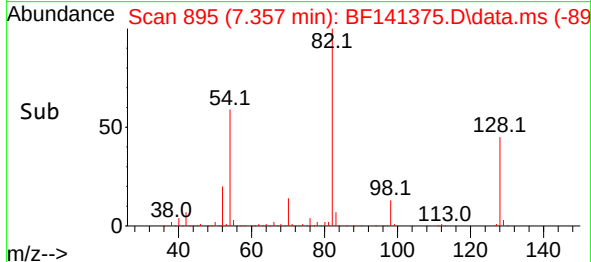
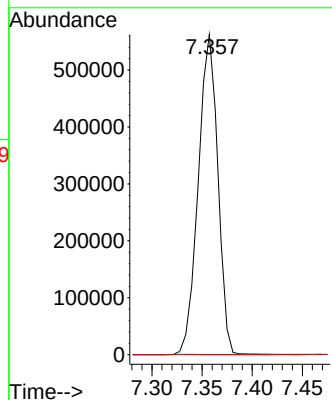
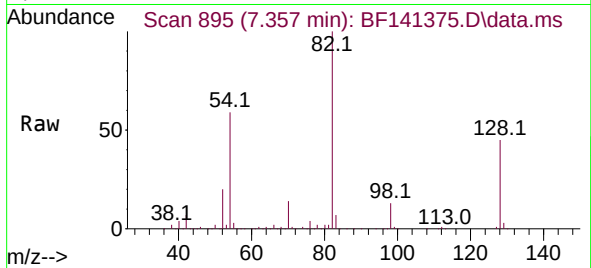




#25
Isophorone
Concen: 56.518 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF141375.D
Acq: 03 Feb 2025 18:12

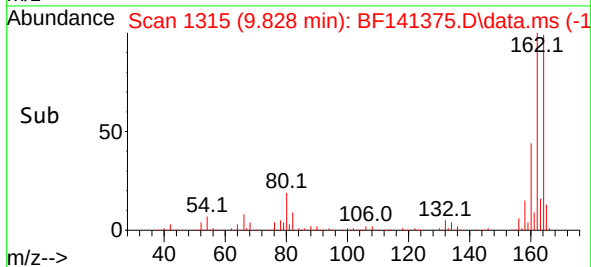
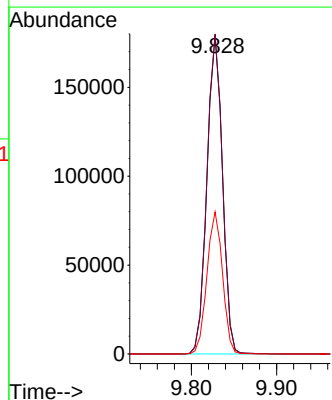
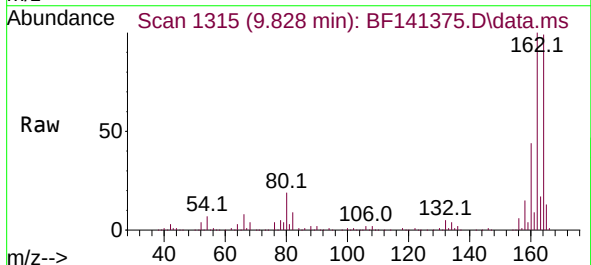
Instrument :
BNA_F
ClientSampleId :
JPP-21.2-012825

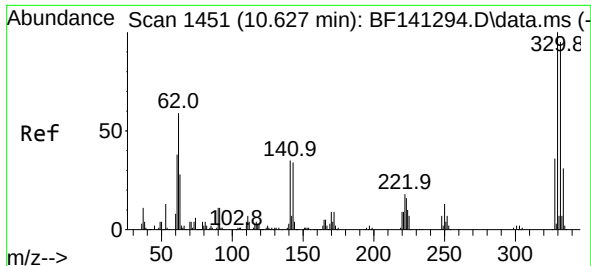
Tgt Ion: 82 Resp: 760102
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF141375.D
Acq: 03 Feb 2025 18:12

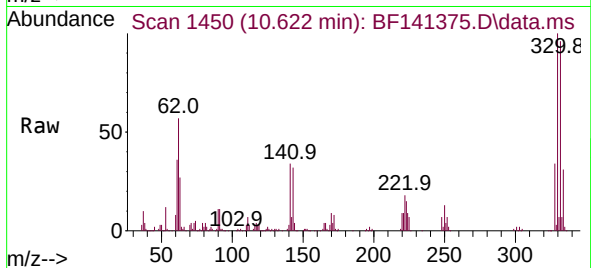
Tgt Ion:164 Resp: 226351
Ion Ratio Lower Upper
164 100
162 100.5 80.6 121.0
160 44.6 35.8 53.6



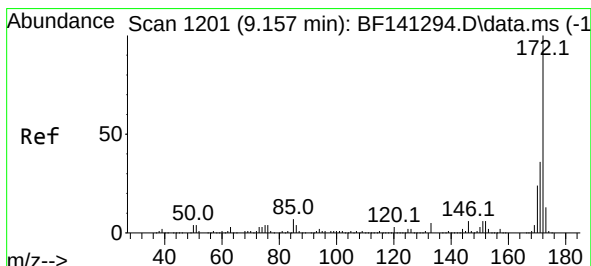
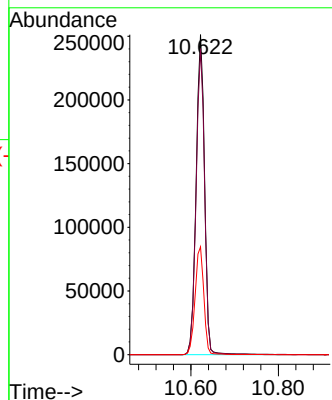
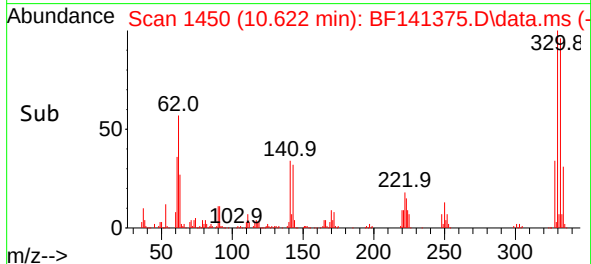


#42
2,4,6-Tribromophenol
Concen: 162.440 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF141375.D
Acq: 03 Feb 2025 18:12

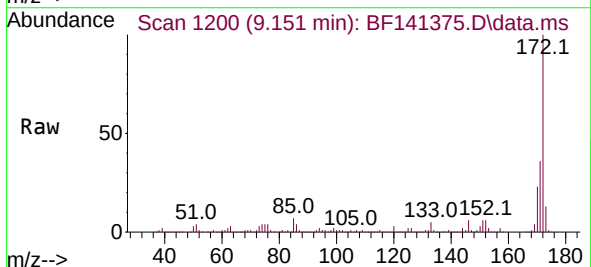
Instrument :
BNA_F
ClientSampleId :
JPP-21.2-012825



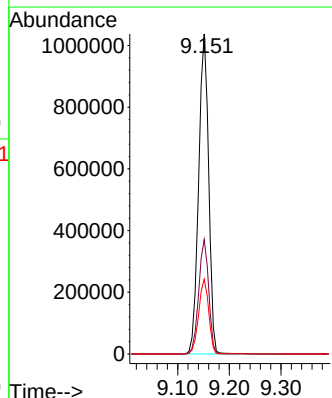
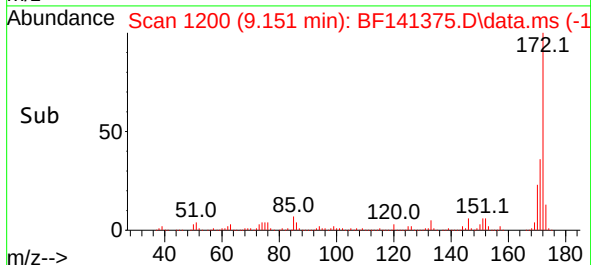
Tgt Ion: 330 Resp: 337083
Ion Ratio Lower Upper
330 100
332 95.8 76.1 114.1
141 35.0 28.8 43.2

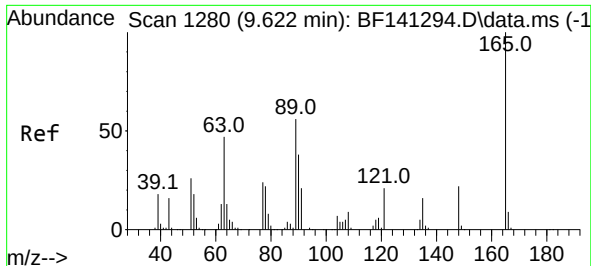


#45
2-Fluorobiphenyl
Concen: 94.822 ng
RT: 9.151 min Scan# 1200
Delta R.T. -0.012 min
Lab File: BF141375.D
Acq: 03 Feb 2025 18:12



Tgt Ion: 172 Resp: 1394431
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 23.4 19.0 28.6

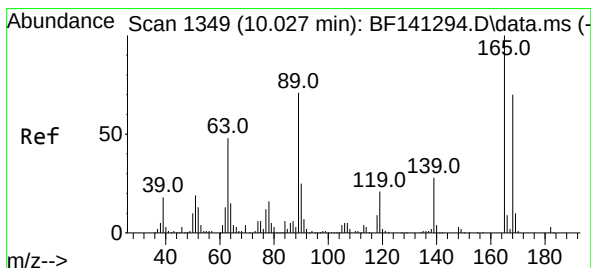
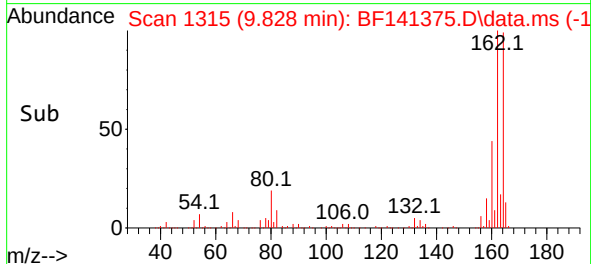
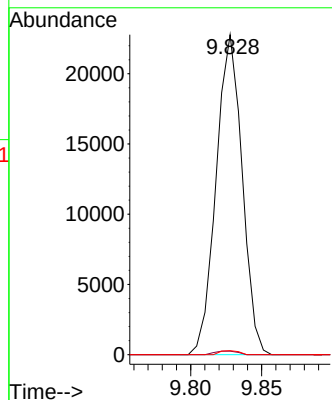
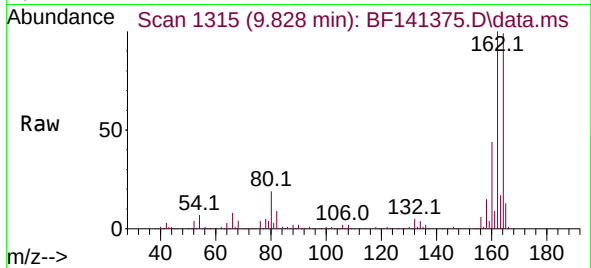




#51
2,6-Dinitrotoluene
Concen: 8.172 ng
RT: 9.828 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF141375.D
Acq: 03 Feb 2025 18:12

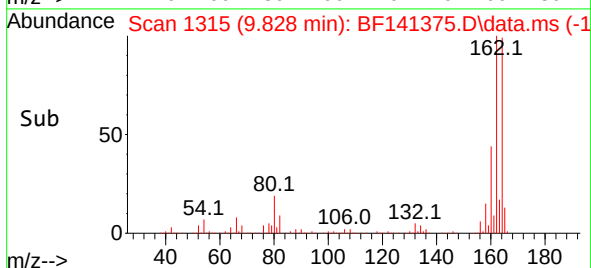
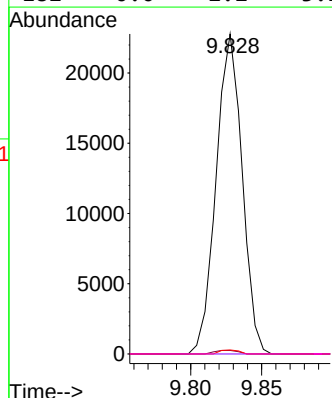
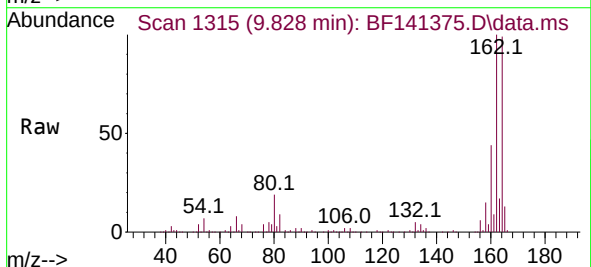
Instrument :
BNA_F
ClientSampleId :
JPP-21.2-012825

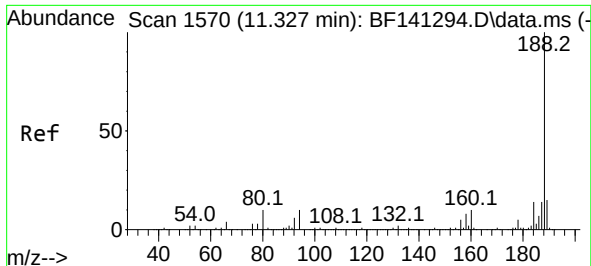
Tgt Ion:165 Resp: 29009
Ion Ratio Lower Upper
165 100
63 1.1 48.1 72.1#
89 1.2 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 6.312 ng
RT: 9.828 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF141375.D
Acq: 03 Feb 2025 18:12

Tgt Ion:165 Resp: 29009
Ion Ratio Lower Upper
165 100
63 1.1 39.2 58.8#
89 1.2 56.9 85.3#
182 0.0 2.2 3.2#

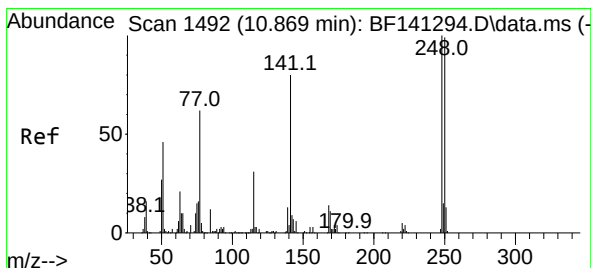
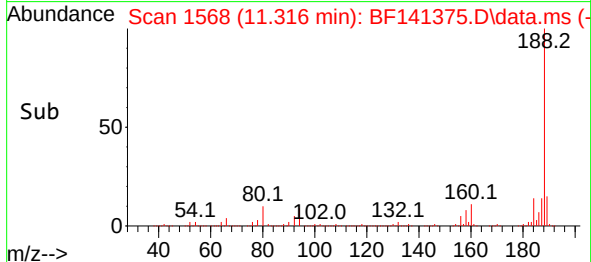
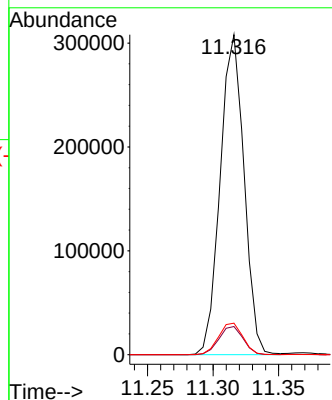
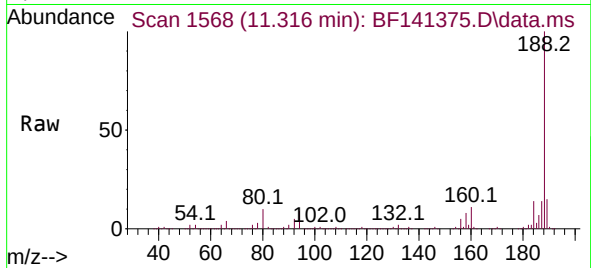




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141375.D
Acq: 03 Feb 2025 18:12

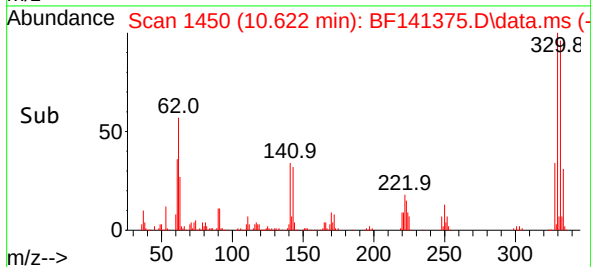
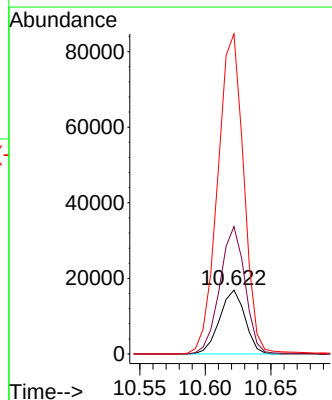
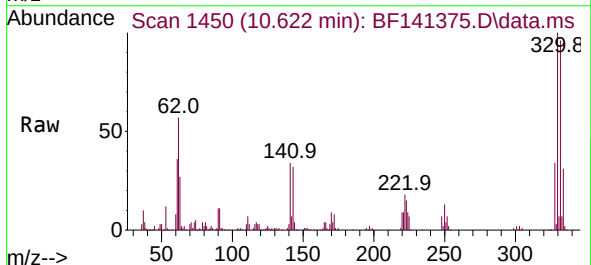
Instrument :
BNA_F
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JPP-21.2-012825

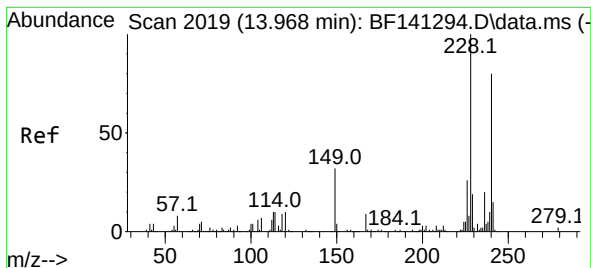
Tgt Ion:188 Resp: 389099
Ion Ratio Lower Upper
188 100
94 8.8 7.8 11.6
80 9.8 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 5.210 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.253 min
Lab File: BF141375.D
Acq: 03 Feb 2025 18:12

Tgt Ion:248 Resp: 22694
Ion Ratio Lower Upper
248 100
250 199.4 79.0 118.4#
141 501.2 63.7 95.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 20

Delta R.T. -0.018 min

Lab File: BF141375.D

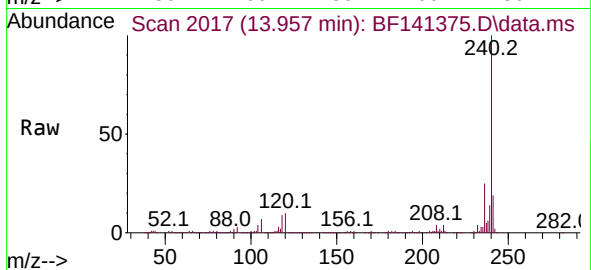
Acq: 03 Feb 2025 18:12

Instrument :

BNA_F

ClientSampleId :

JPP-21.2-012825



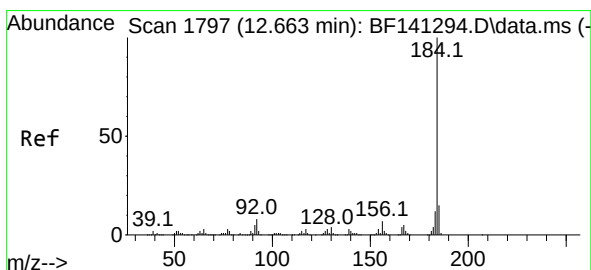
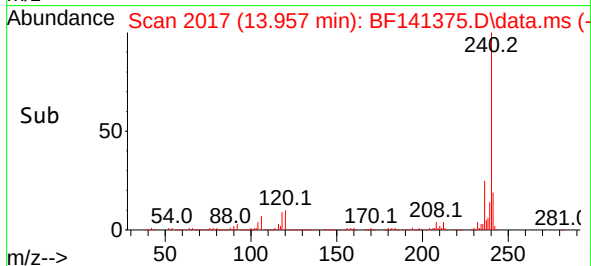
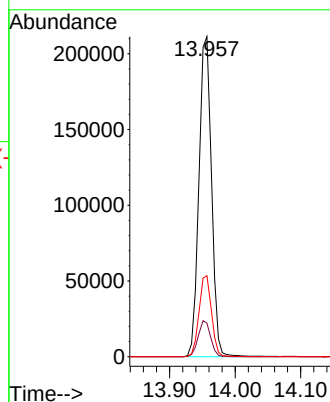
Tgt Ion:240 Resp: 282756

Ion Ratio Lower Upper

240 100

120 10.5 10.0 15.0

236 25.3 19.7 29.5



#77

Benzidine

Concen: 2.337 ng

RT: 12.904 min Scan# 1838

Delta R.T. 0.241 min

Lab File: BF141375.D

Acq: 03 Feb 2025 18:12

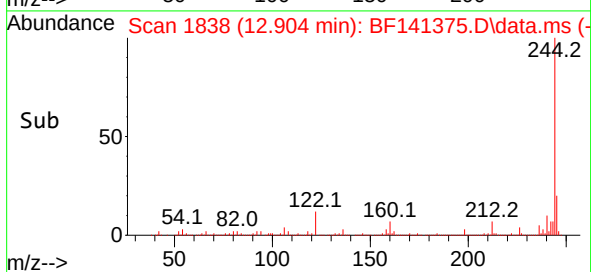
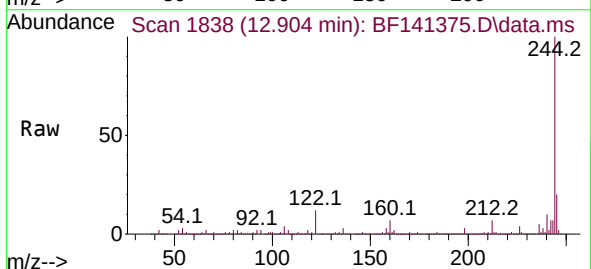
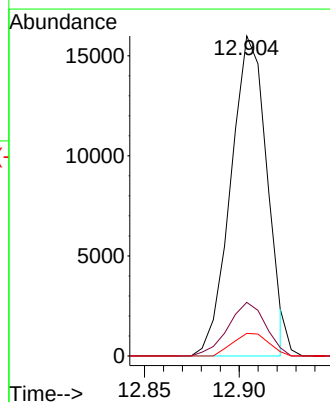
Tgt Ion:184 Resp: 21183

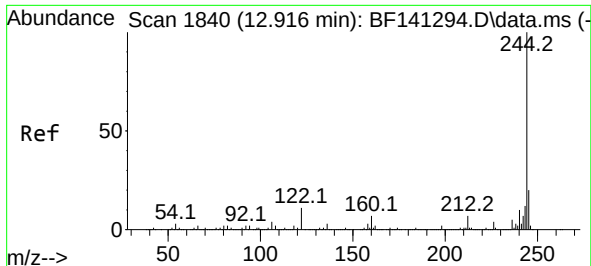
Ion Ratio Lower Upper

184 100

185 16.7 11.9 17.9

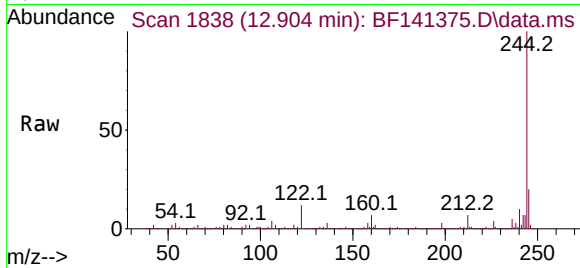
183 7.1 9.5 14.3#



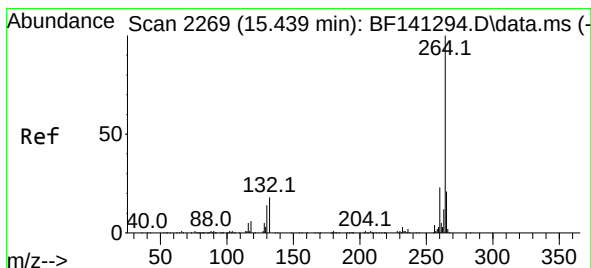
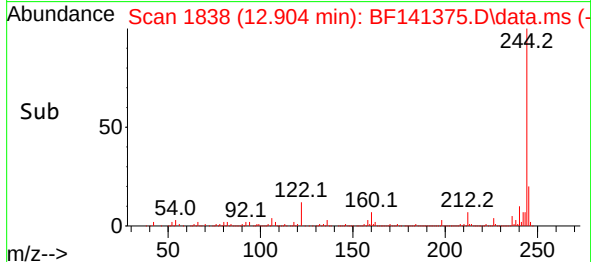
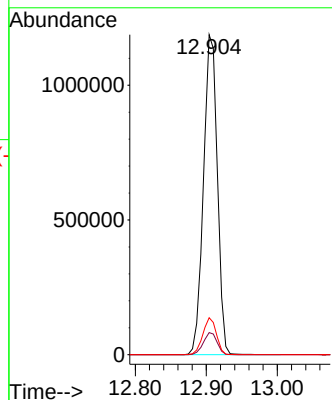


#79
 Terphenyl-d14
 Concen: 88.068 ng
 RT: 12.904 min Scan# 1838
 Delta R.T. -0.012 min
 Lab File: BF141375.D
 Acq: 03 Feb 2025 18:12

Instrument :
 BNA_F
 ClientSampleId :
 JPP-21.2-012825



Tgt Ion:244 Resp: 1614714
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 11.6 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2264
 Delta R.T. -0.029 min
 Lab File: BF141375.D
 Acq: 03 Feb 2025 18:12

Tgt Ion:264 Resp: 207018
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 27.8
 265 21.9 16.7 25.1

