

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081623\
 Data File : BF134798.D
 Acq On : 16 Aug 2023 09:25
 Operator : CG\JU
 Sample : 04017-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-081423-B

Quant Time: Aug 17 01:29:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

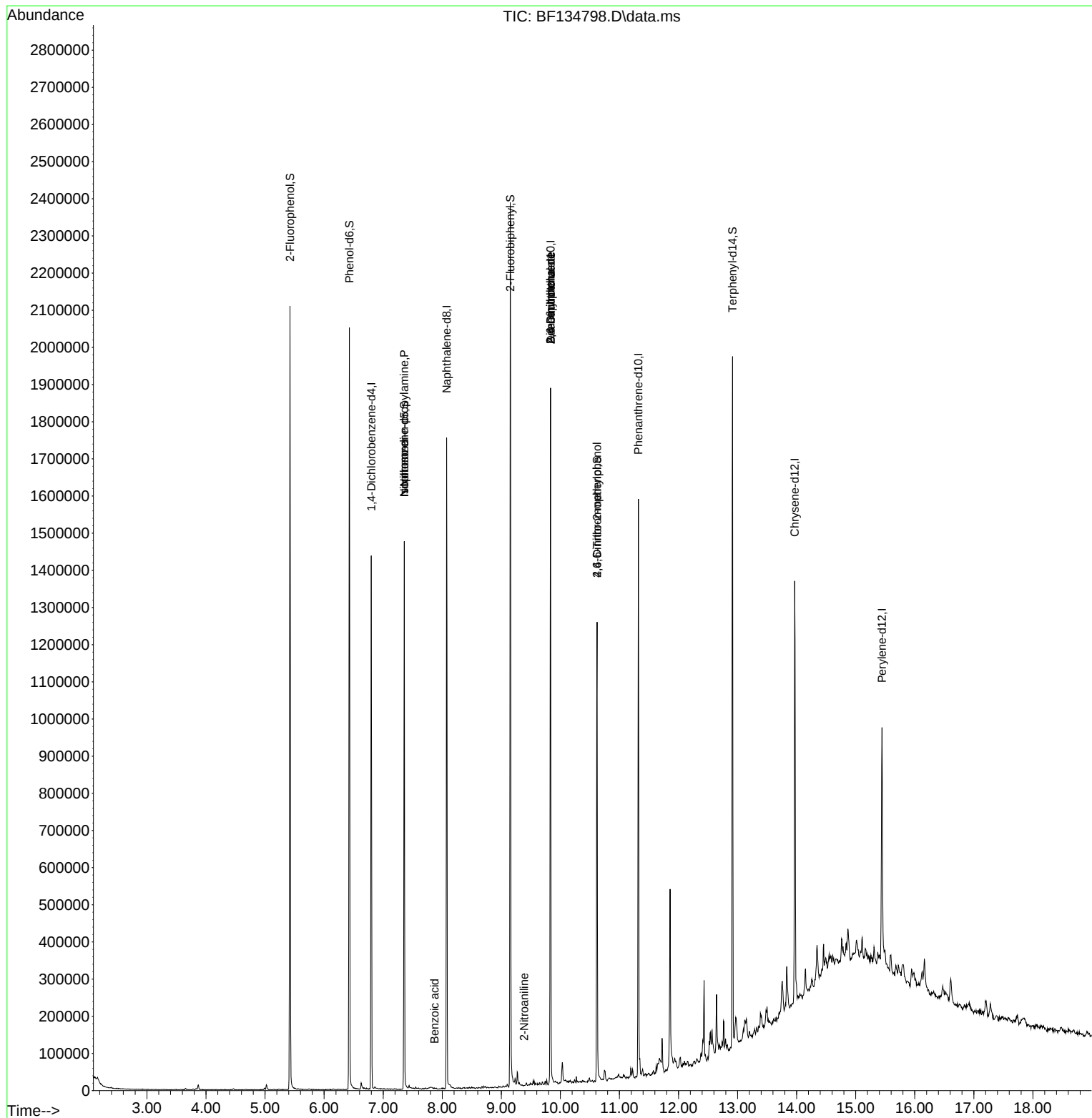
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	188024	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	714779	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	347174	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	532944	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	398892	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	302428	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	530263	42.870	ng	0.00
7) Phenol-d6	6.428	99	659802	41.729	ng	-0.01
23) Nitrobenzene-d5	7.357	82	392133	34.284	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	152787	43.171	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	740050	35.443	ng	-0.01
79) Terphenyl-d14	12.916	244	652640	28.843	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.428	77	1079	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.357	70	51770	5.469	ng	# 72
25) Isophorone	7.357	82	389643	15.619	ng	# 65
32) Benzoic acid	7.869	122	61	7.874	ng	# 1
48) 2-Nitroaniline	9.386	65	61	3.175	ng	# 1
50) Dimethylphthalate	9.833	163	72742	3.074	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	44355	11.169	ng	# 17
57) 2,4-Dinitrotoluene	9.833	165	44355	9.975	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.622	198	324	8.822	ng	# 1

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

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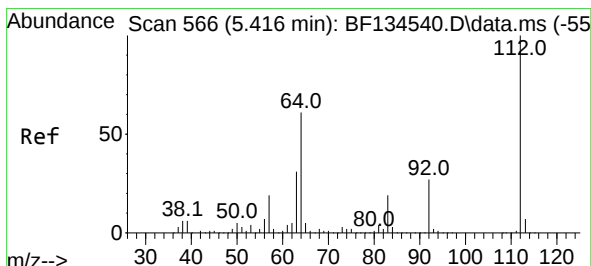
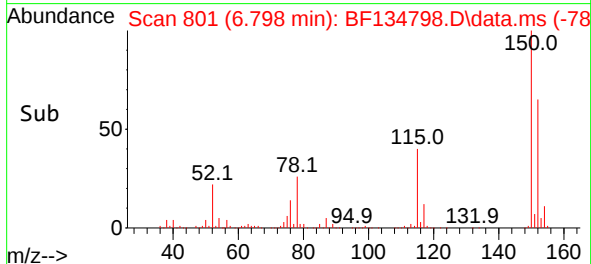
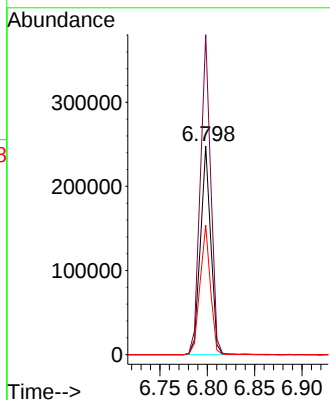
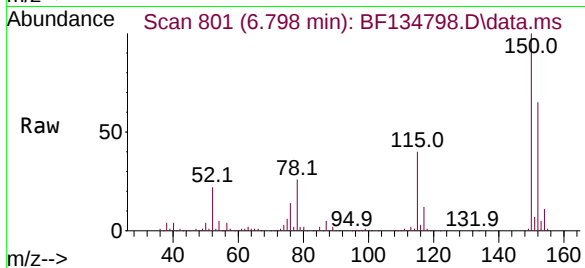




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF134798.D
Acq: 16 Aug 2023 09:25

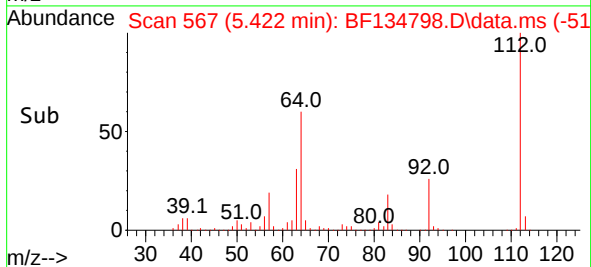
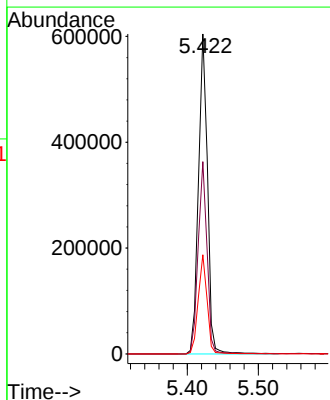
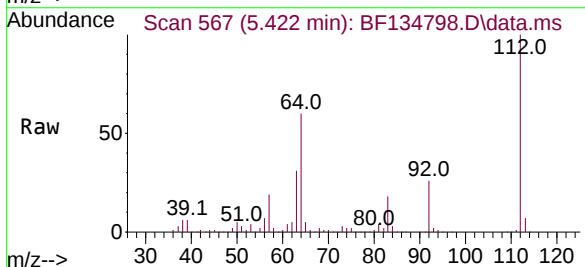
Instrument :
BNA_F
ClientSampleId :
JC-03-081423-B

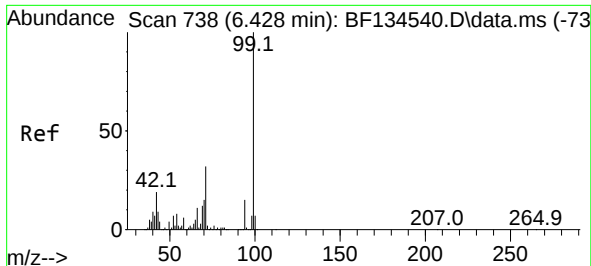
Tgt Ion:152 Resp: 188024
Ion Ratio Lower Upper
152 100
150 153.4 128.3 192.5
115 62.1 52.4 78.6



#5
2-Fluorophenol
Concen: 42.870 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF134798.D
Acq: 16 Aug 2023 09:25

Tgt Ion:112 Resp: 530263
Ion Ratio Lower Upper
112 100
64 60.1 44.9 67.3
63 31.0 25.4 38.0

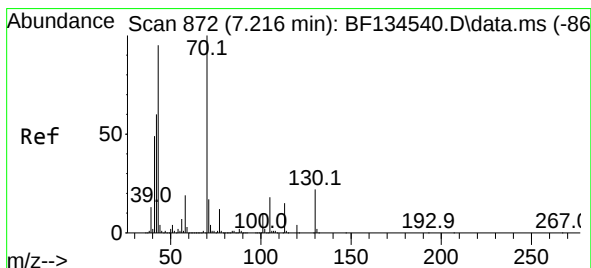
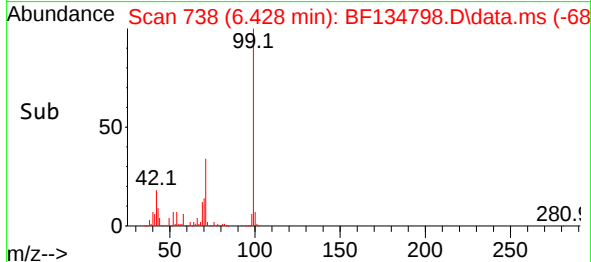
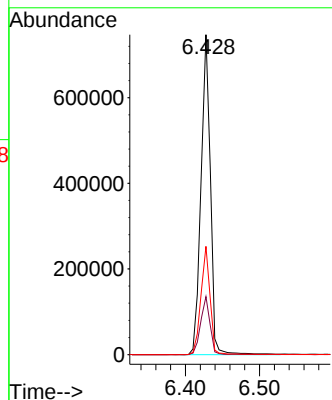
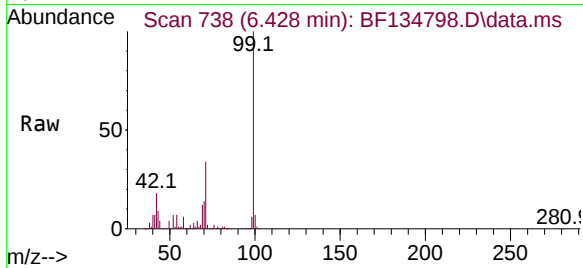




#7
Phenol-d6
Concen: 41.729 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF134798.D
Acq: 16 Aug 2023 09:25

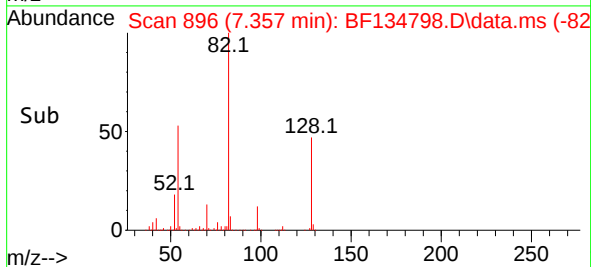
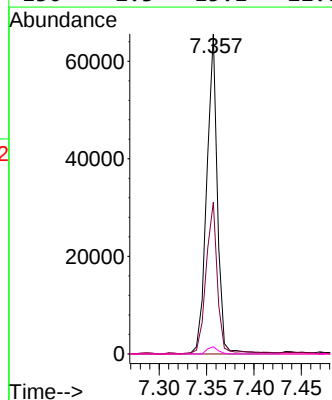
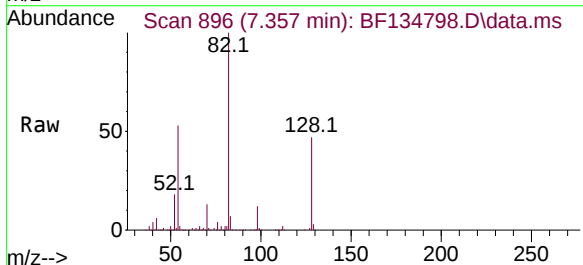
Instrument :
BNA_F
ClientSampleId :
JC-03-081423-B

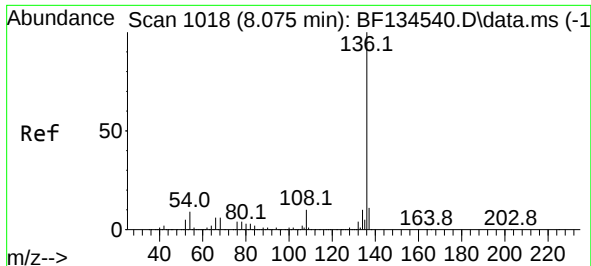
Tgt Ion: 99 Resp: 659802
Ion Ratio Lower Upper
99 100
42 18.1 18.7 28.1#
71 33.8 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 5.469 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF134798.D
Acq: 16 Aug 2023 09:25

Tgt Ion: 70 Resp: 51770
Ion Ratio Lower Upper
70 100
42 47.5 54.7 82.1#
101 0.0 8.2 12.2#
130 2.3 15.1 22.7#

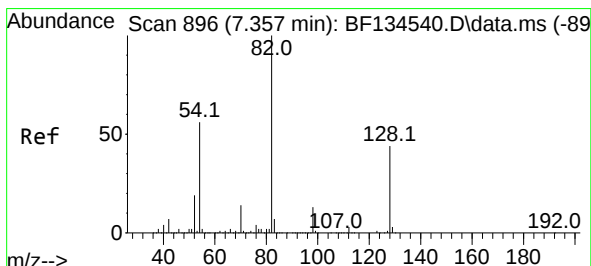
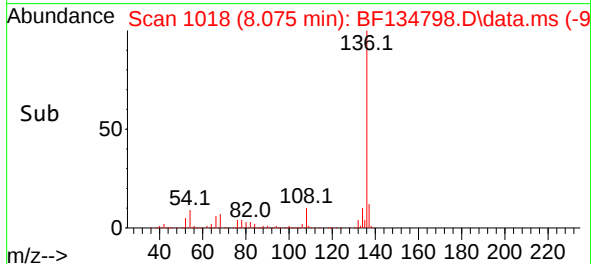
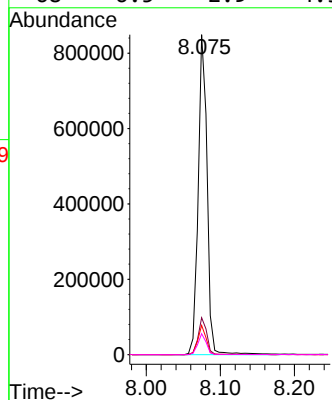
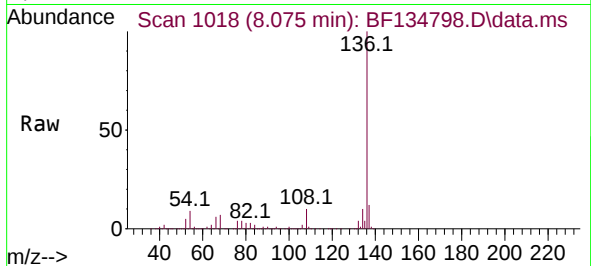




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134798.D
Acq: 16 Aug 2023 09:25

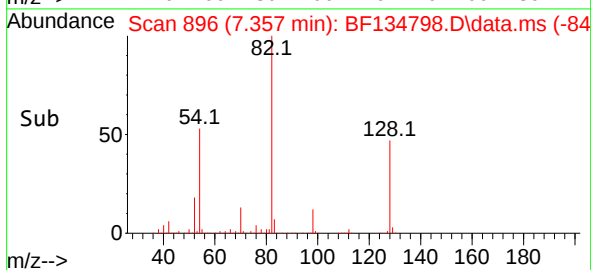
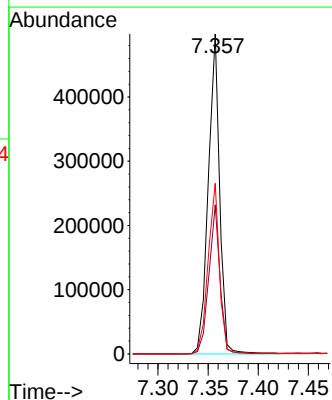
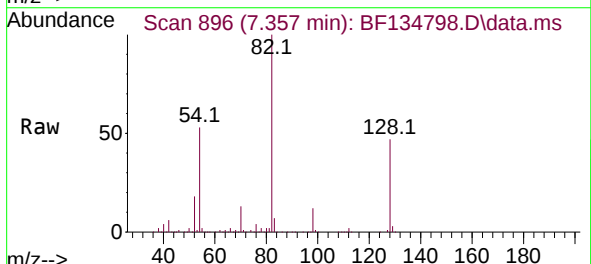
Instrument :
BNA_F
ClientSampleId :
JC-03-081423-B

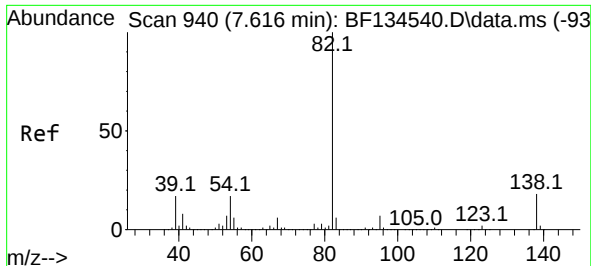
Tgt Ion:	136	Resp:	714779
Ion Ratio	100	Lower	Upper
136	100		
137	11.5	8.4	12.6
54	9.1	5.2	7.8#
68	6.5	2.9	4.3#



#23
Nitrobenzene-d5
Concen: 34.284 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF134798.D
Acq: 16 Aug 2023 09:25

Tgt Ion:	82	Resp:	392133
Ion Ratio	100	Lower	Upper
82	100		
128	46.6	34.3	51.5
54	53.3	43.8	65.6

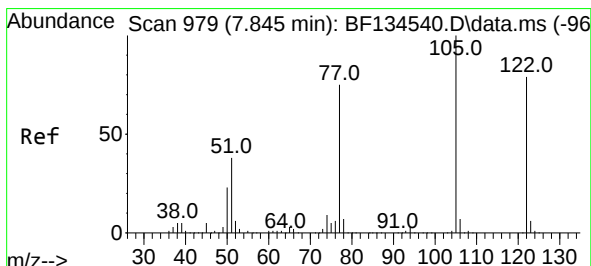
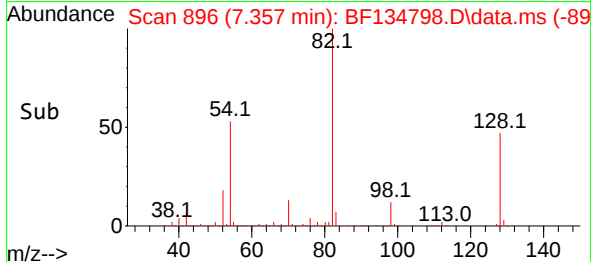
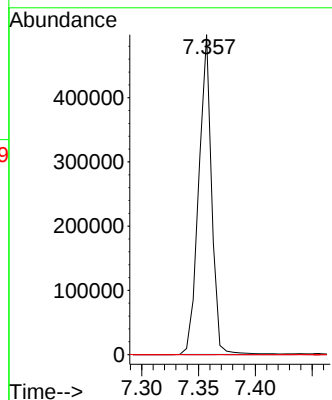
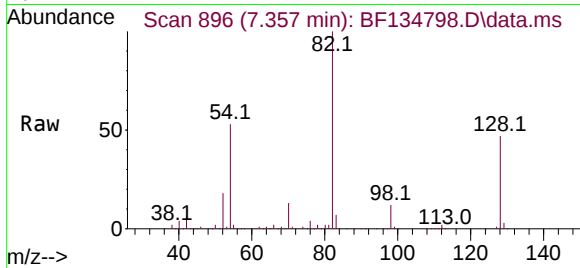




#25
Isophorone
Concen: 15.619 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF134798.D
Acq: 16 Aug 2023 09:25

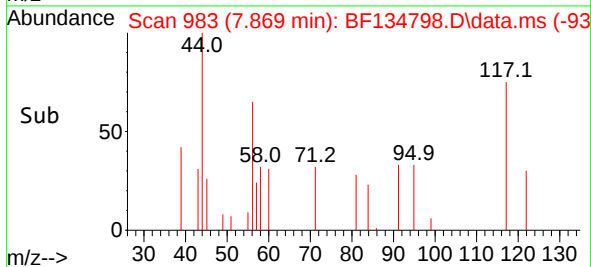
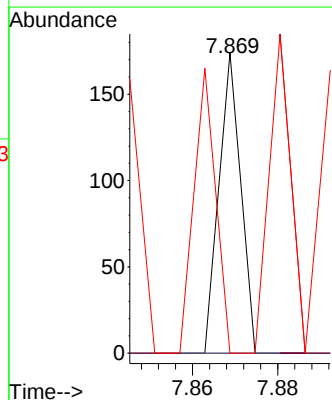
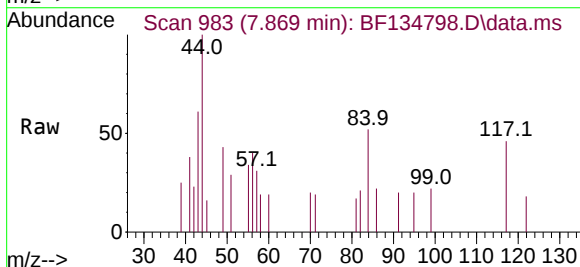
Instrument :
BNA_F
ClientSampleId :
JC-03-081423-B

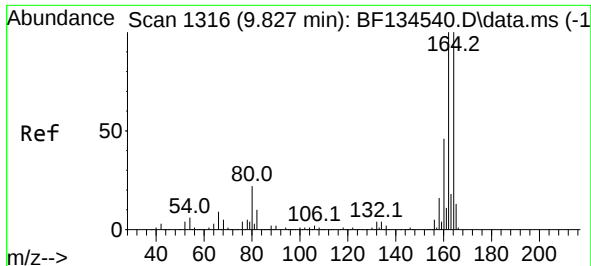
Tgt Ion: 82 Resp: 389643
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.874 ng
RT: 7.869 min Scan# 983
Delta R.T. 0.006 min
Lab File: BF134798.D
Acq: 16 Aug 2023 09:25

Tgt Ion: 122 Resp: 61
Ion Ratio Lower Upper
122 100
105 0.0 87.5 127.5#
77 0.0 71.4 111.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1316

Delta R.T. 0.000 min

Lab File: BF134798.D

Acq: 16 Aug 2023 09:25

Instrument :

BNA_F

ClientSampleId :

JC-03-081423-B

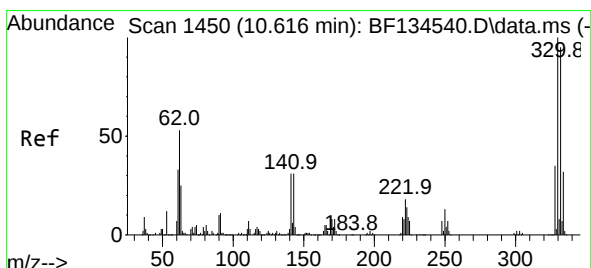
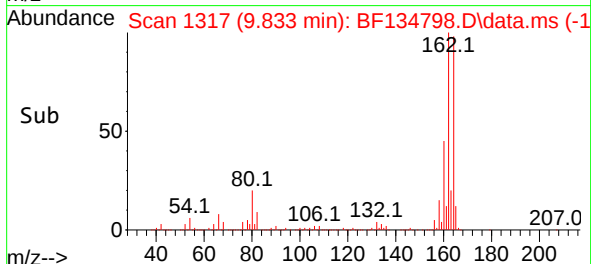
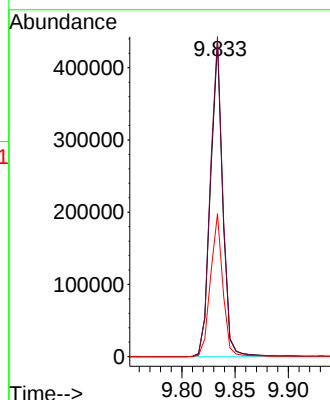
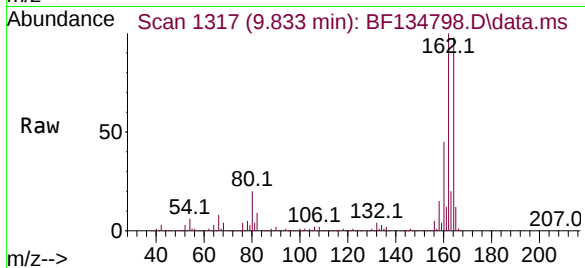
Tgt Ion:164 Resp: 347174

Ion Ratio Lower Upper

164 100

162 101.8 82.6 123.8

160 45.5 37.2 55.8



#42

2,4,6-Tribromophenol

Concen: 43.171 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF134798.D

Acq: 16 Aug 2023 09:25

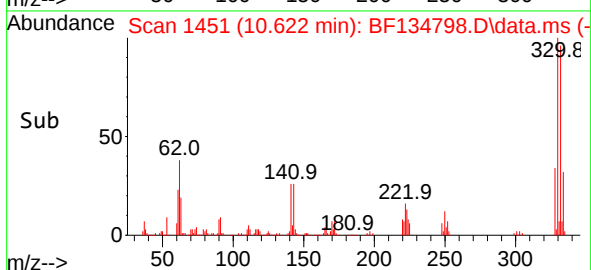
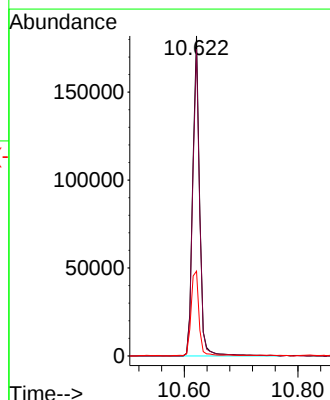
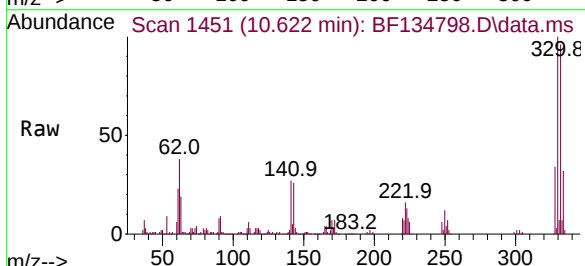
Tgt Ion:330 Resp: 152787

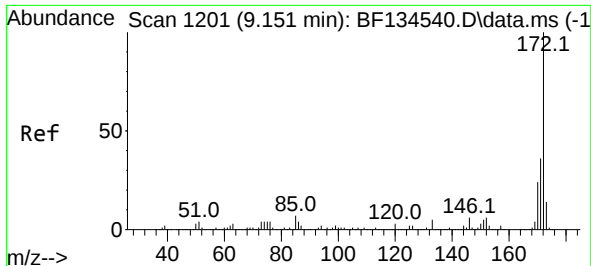
Ion Ratio Lower Upper

330 100

332 96.0 78.8 118.2

141 30.5 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 35.443 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF134798.D

Acq: 16 Aug 2023 09:25

Instrument :

BNA_F

ClientSampleId :

JC-03-081423-B

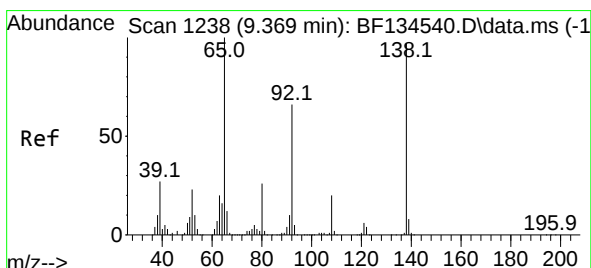
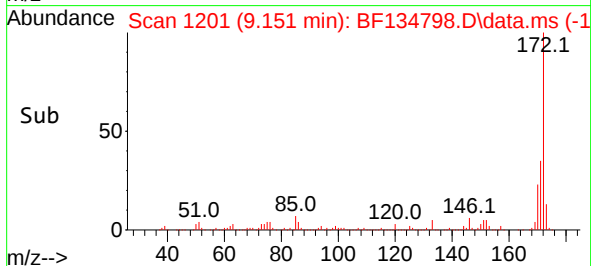
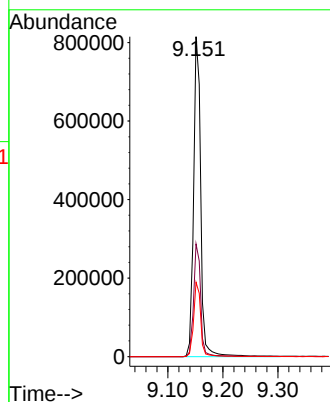
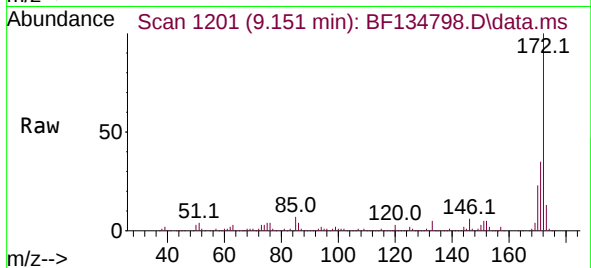
Tgt Ion:172 Resp: 740050

Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 23.2 18.7 28.1



#48

2-Nitroaniline

Concen: 3.175 ng

RT: 9.386 min Scan# 1241

Delta R.T. 0.006 min

Lab File: BF134798.D

Acq: 16 Aug 2023 09:25

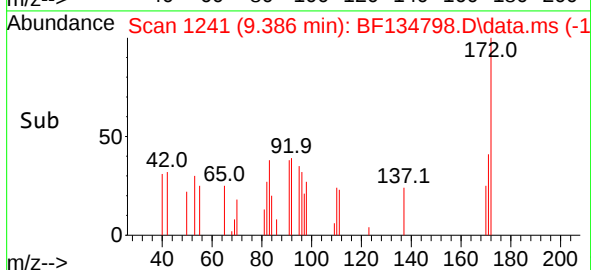
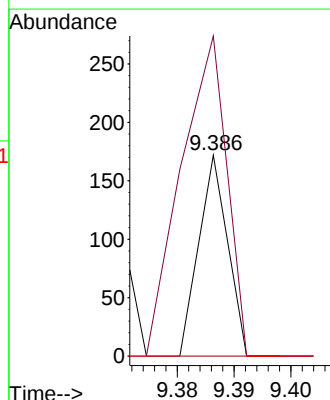
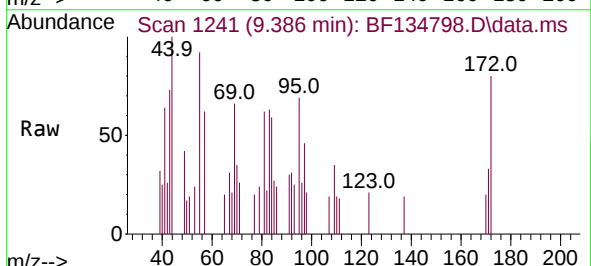
Tgt Ion: 65 Resp: 61

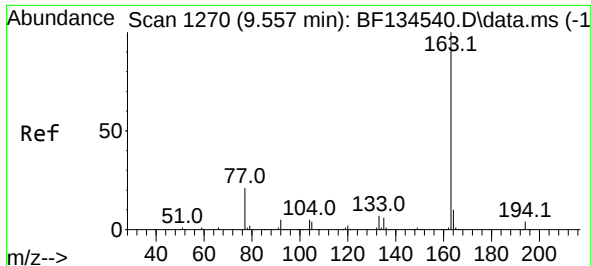
Ion Ratio Lower Upper

65 100

92 159.3 50.7 76.1#

138 0.0 78.2 117.4#

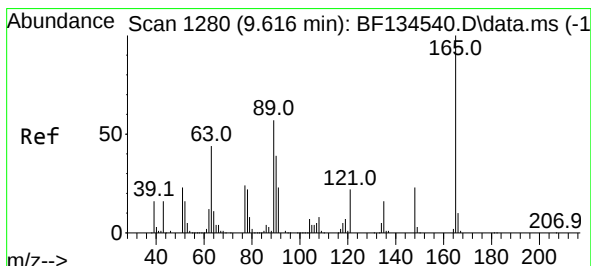
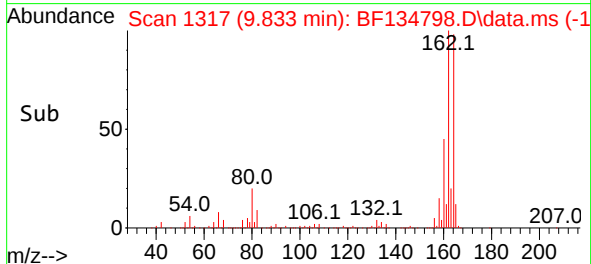
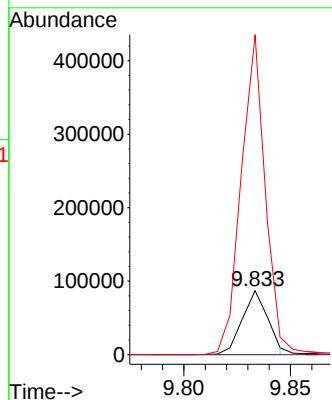
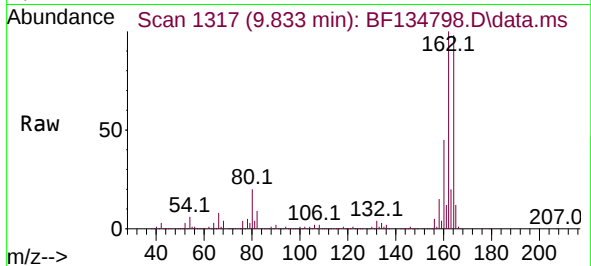




#50
Dimethylphthalate
Concen: 3.074 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.265 min
Lab File: BF134798.D
Acq: 16 Aug 2023 09:25

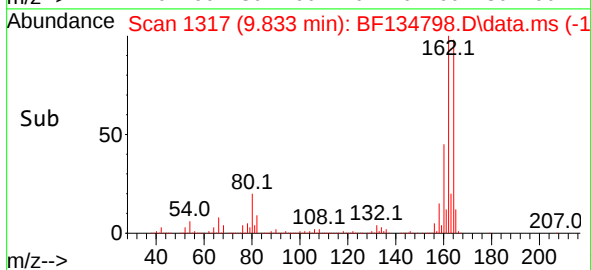
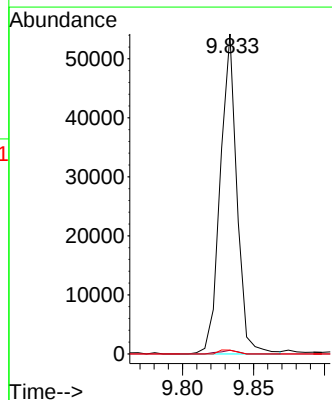
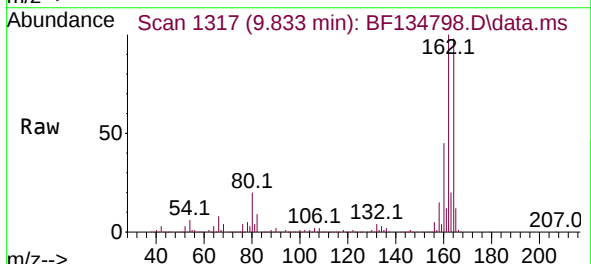
Instrument :
BNA_F
ClientSampleId :
JC-03-081423-B

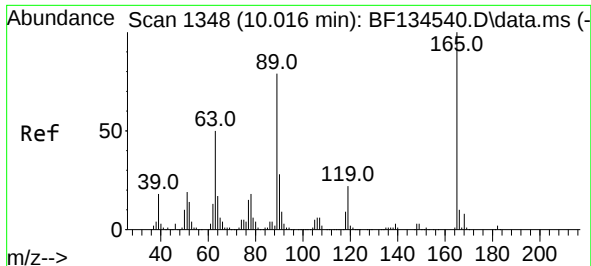
Tgt Ion:163 Resp: 72742
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 500.0 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.169 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF134798.D
Acq: 16 Aug 2023 09:25

Tgt Ion:165 Resp: 44355
Ion Ratio Lower Upper
165 100
63 1.1 57.8 86.6#
89 1.2 51.8 77.8#

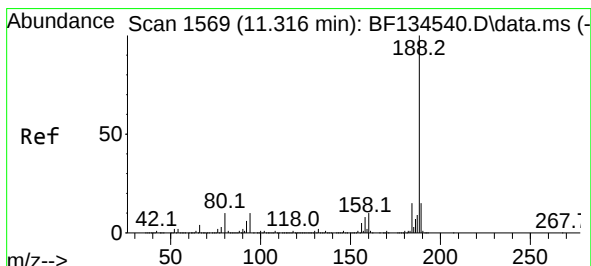
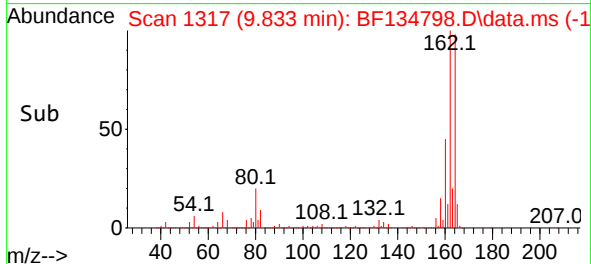
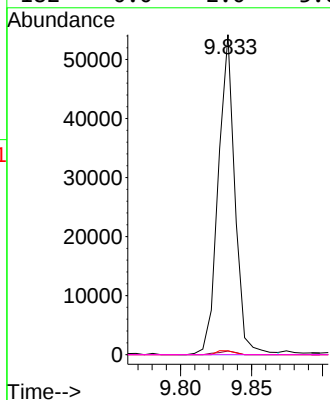
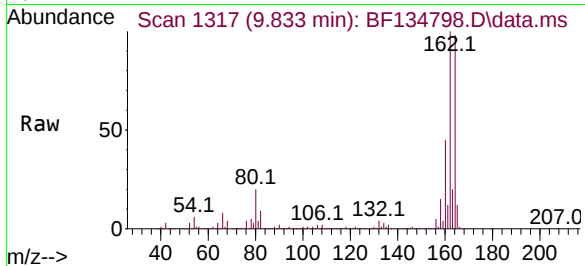




#57
2,4-Dinitrotoluene
Concen: 9.975 ng
RT: 9.833 min Scan# 1348
Delta R.T. -0.194 min
Lab File: BF134798.D
Acq: 16 Aug 2023 09:25

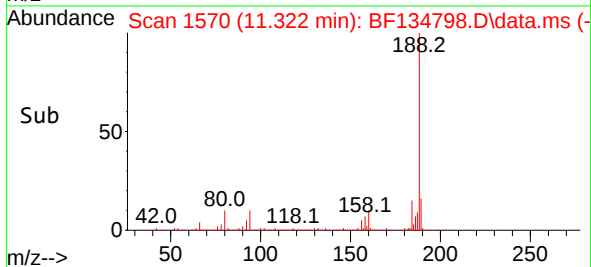
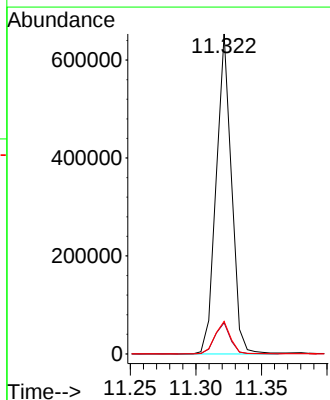
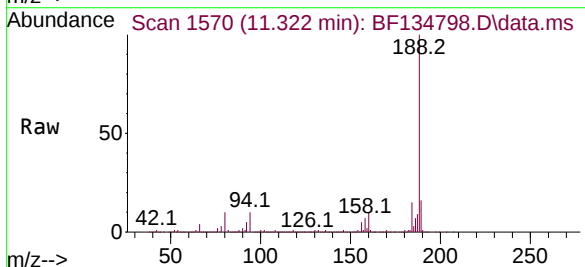
Instrument :
BNA_F
ClientSampleId :
JC-03-081423-B

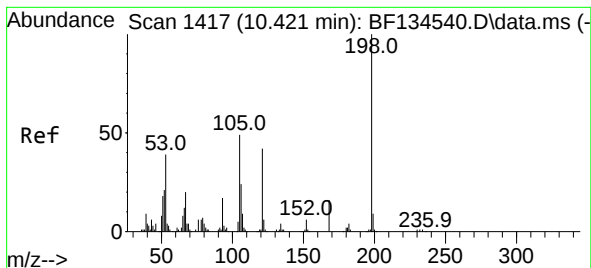
Tgt Ion:165 Resp: 44355
Ion Ratio Lower Upper
165 100
63 1.1 48.9 73.3#
89 1.2 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BF134798.D
Acq: 16 Aug 2023 09:25

Tgt Ion:188 Resp: 532944
Ion Ratio Lower Upper
188 100
94 9.7 5.1 7.7#
80 10.2 6.6 9.8#

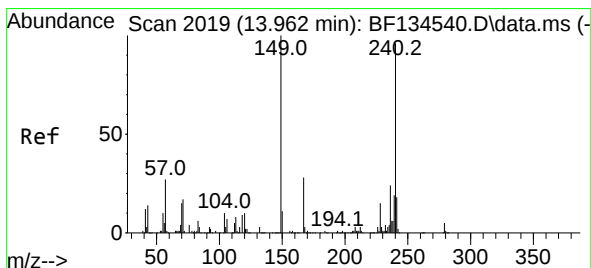
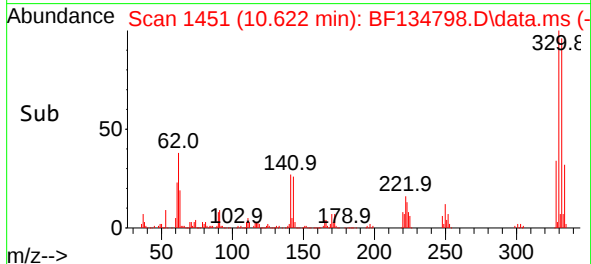
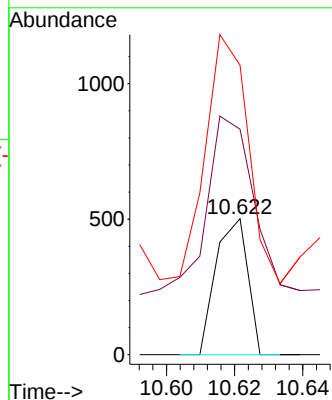
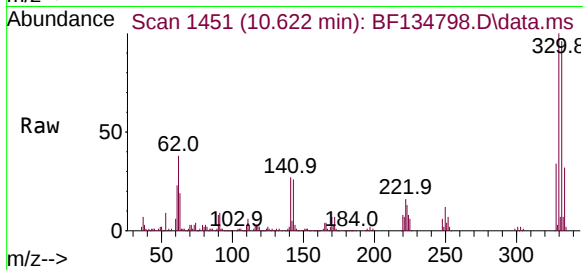




#65
4,6-Dinitro-2-methylphenol
Concen: 8.822 ng
RT: 10.622 min Scan# 1417
Delta R.T. 0.182 min
Lab File: BF134798.D
Acq: 16 Aug 2023 09:25

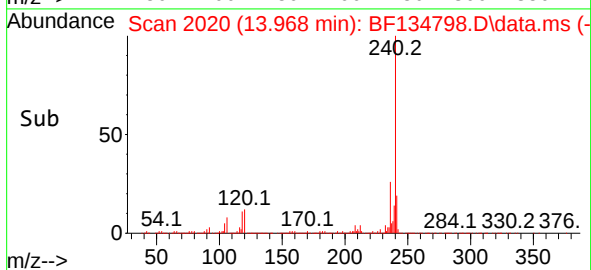
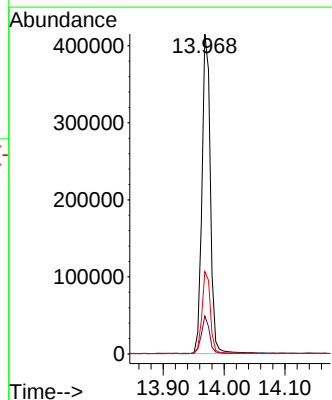
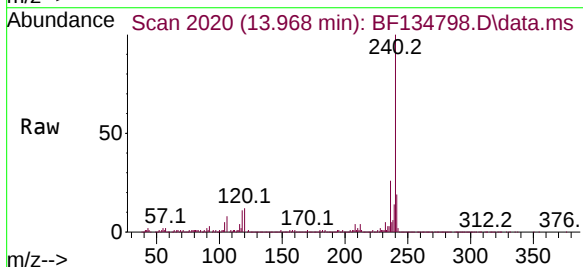
Instrument :
BNA_F
ClientSampleId :
JC-03-081423-B

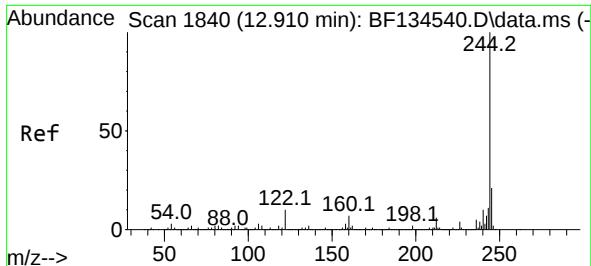
Tgt Ion:198 Resp: 324
Ion Ratio Lower Upper
198 100
51 165.7 38.6 78.6#
105 212.7 27.9 67.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF134798.D
Acq: 16 Aug 2023 09:25

Tgt Ion:240 Resp: 398892
Ion Ratio Lower Upper
240 100
120 11.9 6.6 10.0#
236 25.7 20.2 30.2

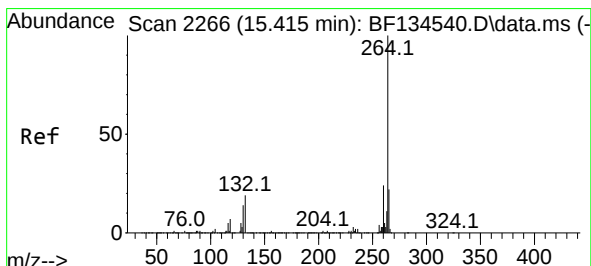
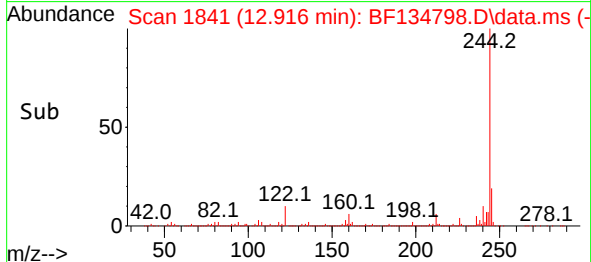
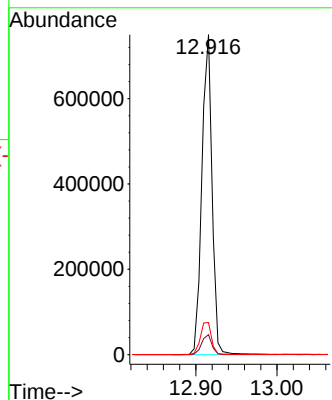
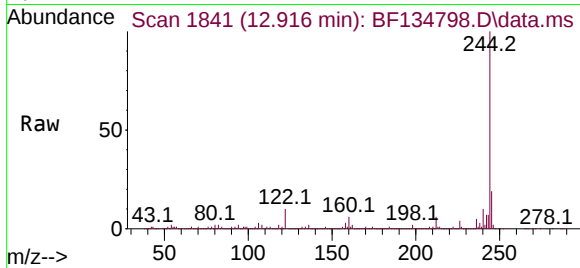




#79
Terphenyl-d14
Concen: 28.843 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BF134798.D
Acq: 16 Aug 2023 09:25

Instrument :
BNA_F
ClientSampleId :
JC-03-081423-B

Tgt Ion:244 Resp: 652640
Ion Ratio Lower Upper
244 100
212 6.2 5.6 8.4
122 10.0 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BF134798.D
Acq: 16 Aug 2023 09:25

Tgt Ion:264 Resp: 302428
Ion Ratio Lower Upper
264 100
260 23.5 18.4 27.6
265 21.6 15.8 23.8

