

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110423\
 Data File : BF136146.D
 Acq On : 04 Nov 2023 13:57
 Operator : CG\JU
 Sample : 05095-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-303-20231102

Quant Time: Nov 06 01:01:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 06 00:53:35 2023
 Response via : Initial Calibration

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

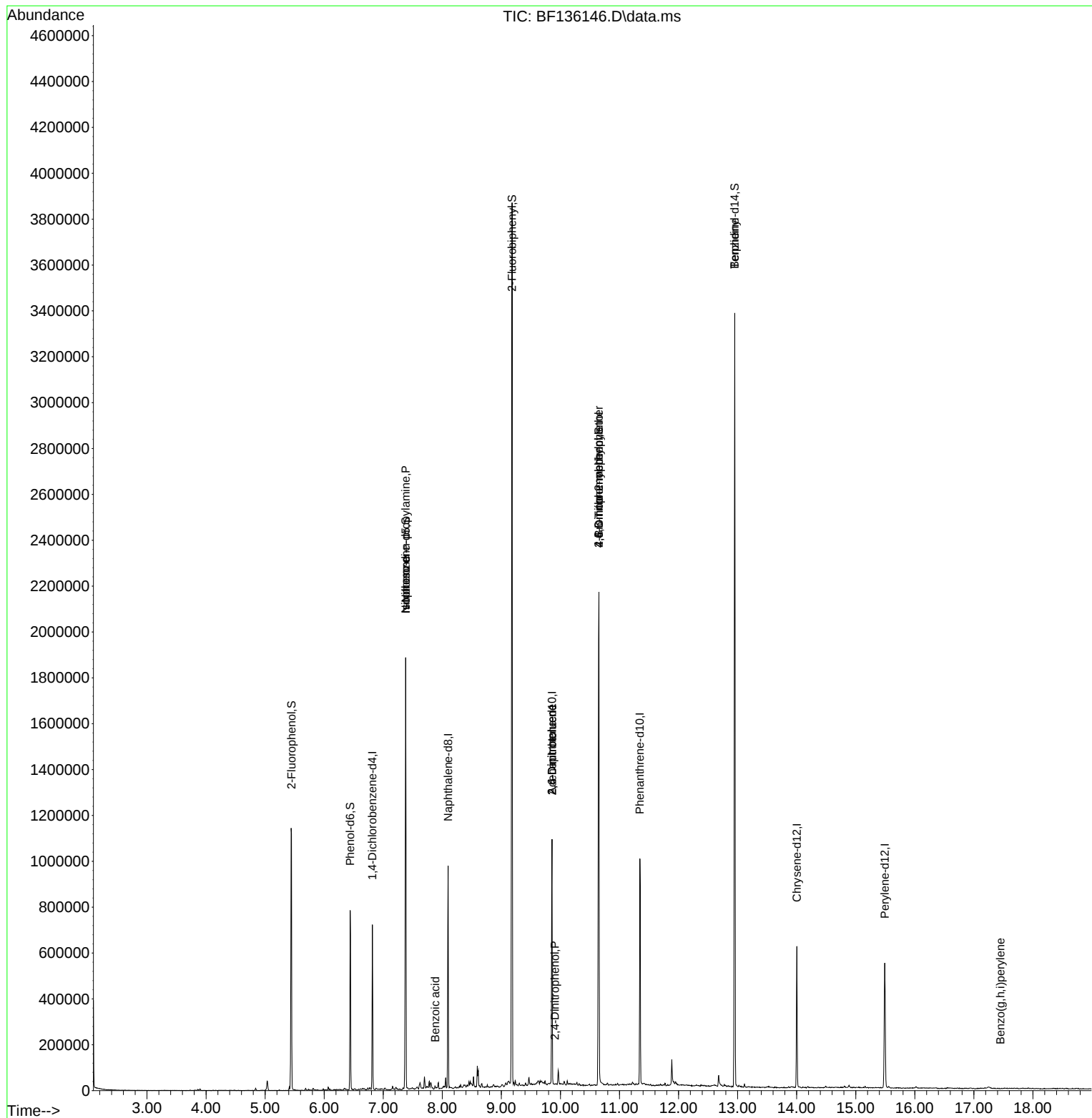
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	95989	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	374851	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	199484	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	359590	20.000	ng	0.00
76) Chrysene-d12	14.004	240	191441	20.000	ng	0.00
86) Perylene-d12	15.492	264	250890	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	323747	53.000	ng	0.00
7) Phenol-d6	6.440	99	243612	32.009	ng	-0.02
23) Nitrobenzene-d5	7.381	82	573341	92.203	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	281454	132.185	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1084859	86.692	ng	0.00
79) Terphenyl-d14	12.951	244	1208686	98.116	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.381	70	76775	17.655	ng	# 76
25) Isophorone	7.381	82	573335	48.839	ng	# 64
32) Benzoic acid	7.881	122	56	5.126	ng	# 1
51) 2,6-Dinitrotoluene	9.857	165	25940	9.217	ng	# 28
54) 2,4-Dinitrophenol	9.904	184	231	8.114	ng	# 47
57) 2,4-Dinitrotoluene	9.857	165	25940	7.285	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.651	198	896	6.189	ng	# 1
67) 4-Bromophenyl-phenylether	10.651	248	17489	4.639	ng	# 1
77) Benzidine	12.951	184	15652	4.195	ng	# 91
92) Benzo(g,h,i)perylene	17.451	276	53	2.898	ng	# 53

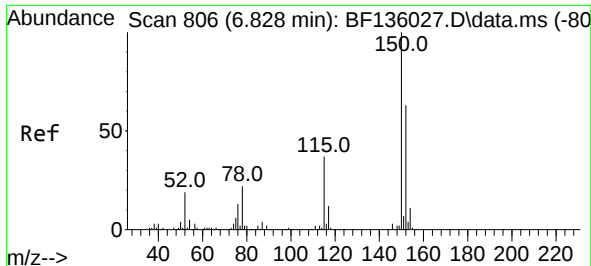
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110423\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 06 00:53:35 2023
Response via : Initial Calibration

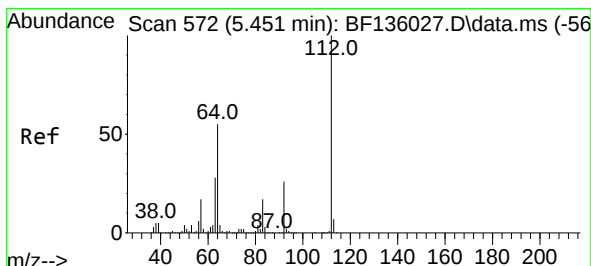
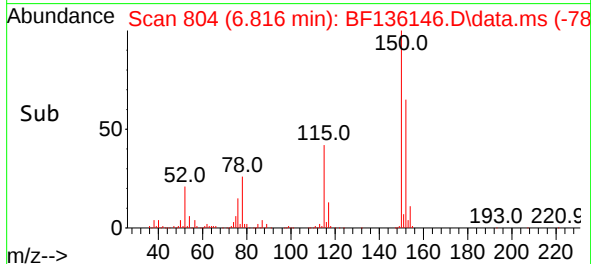
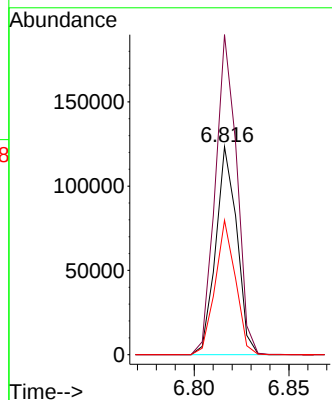
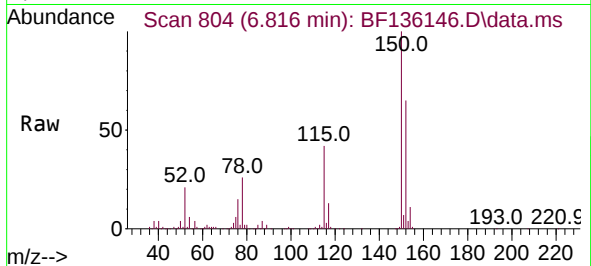




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF136146.D
Acq: 04 Nov 2023 13:57

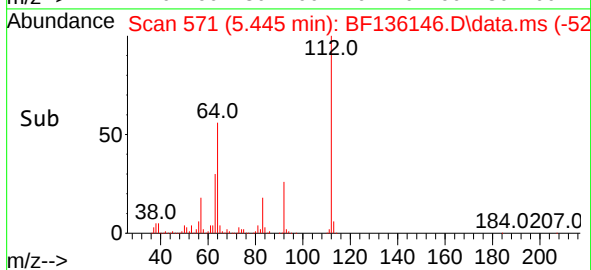
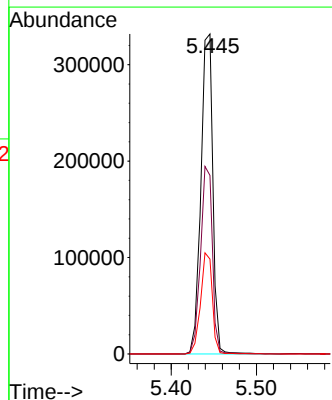
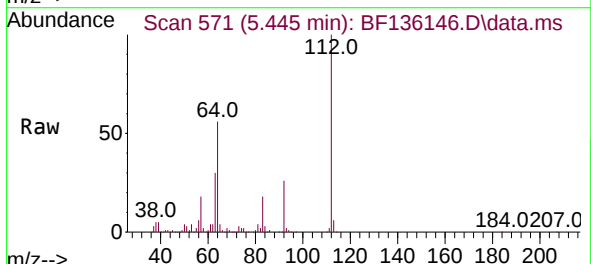
Instrument :
BNA_F
ClientSampleId :
SP-303-20231102

Tgt Ion:152 Resp: 95989
Ion Ratio Lower Upper
152 100
150 153.8 126.4 189.6
115 64.6 47.0 70.4



#5
2-Fluorophenol
Concen: 53.000 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.000 min
Lab File: BF136146.D
Acq: 04 Nov 2023 13:57

Tgt Ion:112 Resp: 323747
Ion Ratio Lower Upper
112 100
64 55.8 43.9 65.9
63 29.7 22.4 33.6

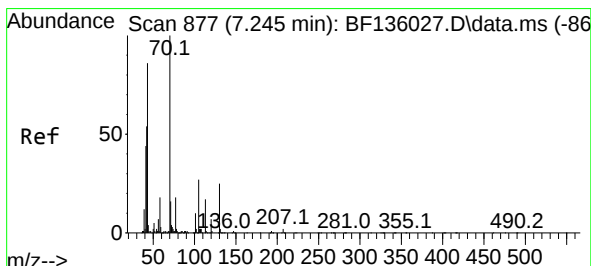
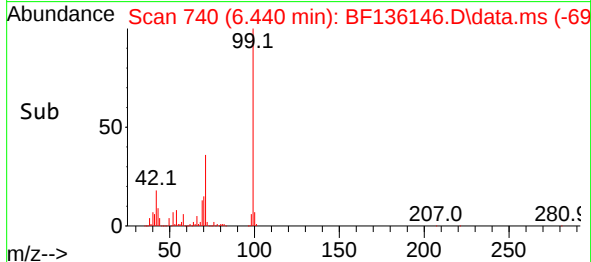
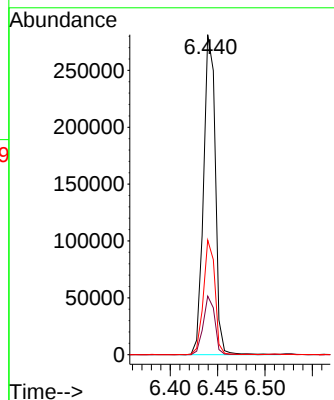
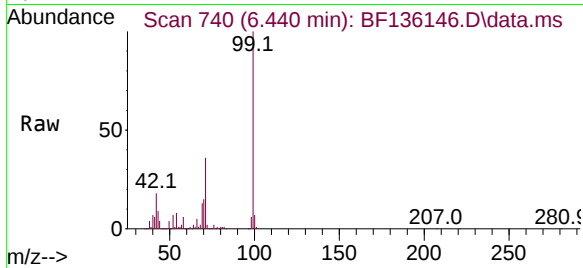




#7
Phenol-d6
Concen: 32.009 ng
RT: 6.440 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF136146.D
Acq: 04 Nov 2023 13:57

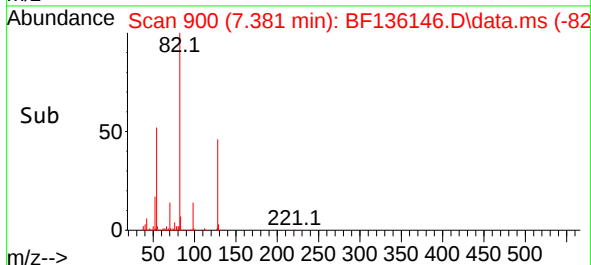
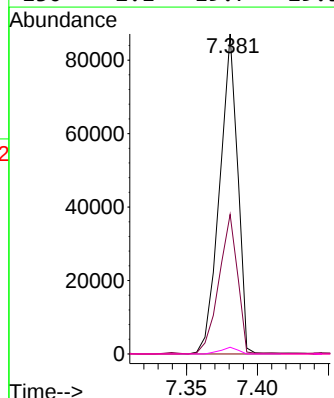
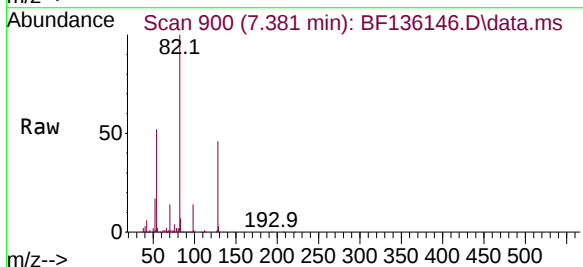
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BNA_F
ClientSampleId :
SP-303-20231102

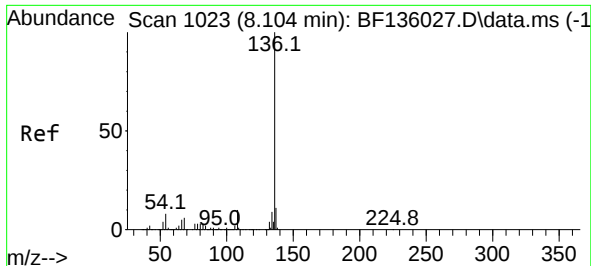
Tgt Ion: 99 Resp: 243612
Ion Ratio Lower Upper
99 100
42 18.3 13.7 20.5
71 35.8 25.9 38.9



#19
n-Nitroso-di-n-propylamine
Concen: 17.655 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF136146.D
Acq: 04 Nov 2023 13:57

Tgt Ion: 70 Resp: 76775
Ion Ratio Lower Upper
70 100
42 43.6 43.0 64.4
101 0.0 8.0 12.0#
130 2.1 19.7 29.5#

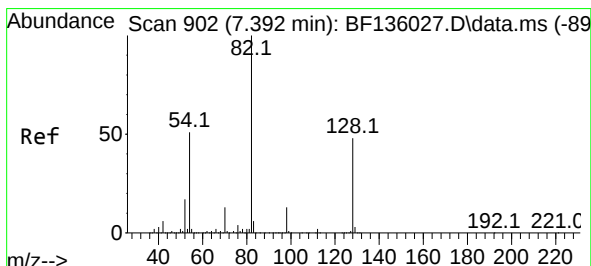
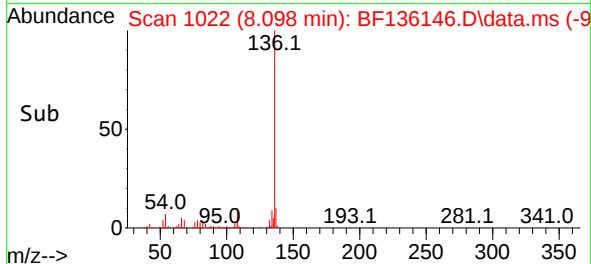
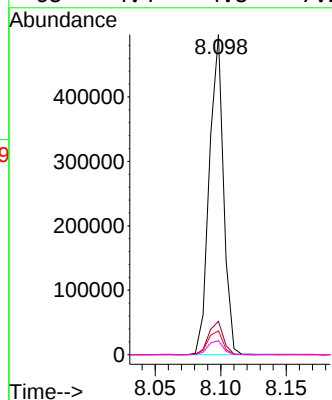
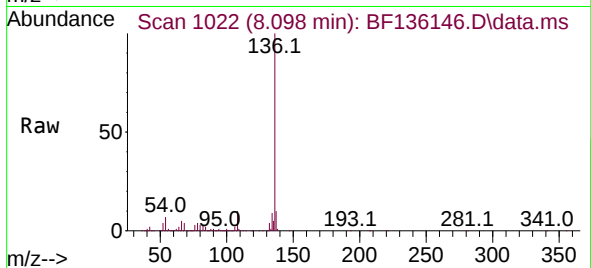




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF136146.D
Acq: 04 Nov 2023 13:57

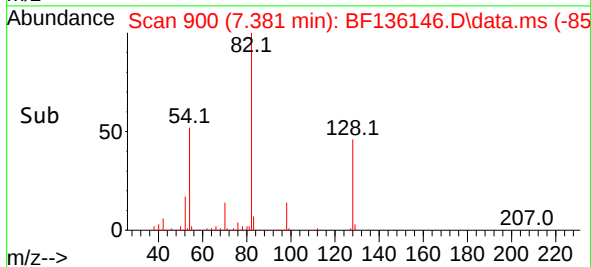
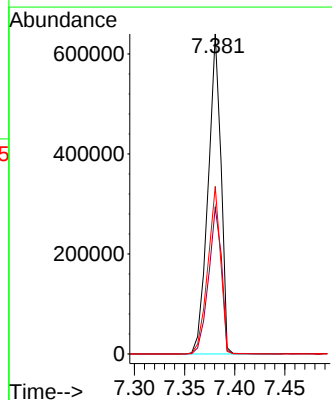
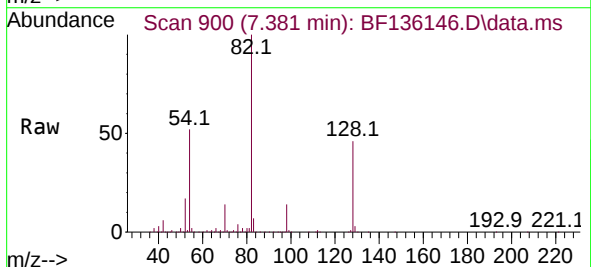
Instrument :
BNA_F
ClientSampleId :
SP-303-20231102

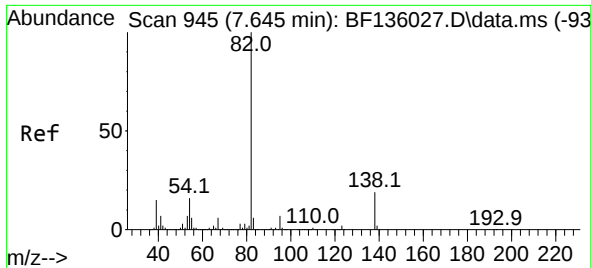
Tgt Ion:136 Resp: 374851
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 7.5 6.6 9.8
68 4.4 4.8 7.2#



#23
Nitrobenzene-d5
Concen: 92.203 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF136146.D
Acq: 04 Nov 2023 13:57

Tgt Ion: 82 Resp: 573341
Ion Ratio Lower Upper
82 100
128 45.8 38.6 57.8
54 52.4 40.8 61.2

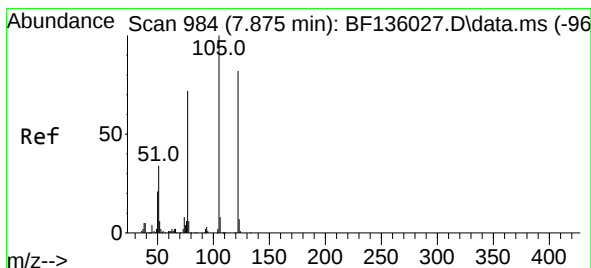
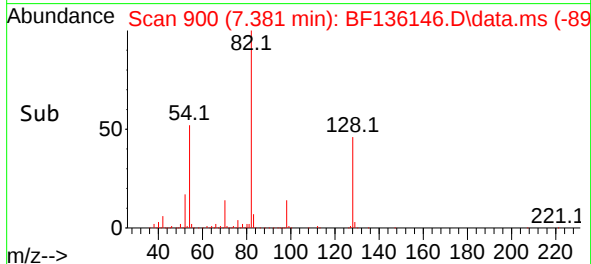
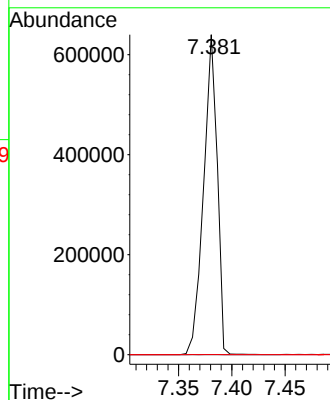
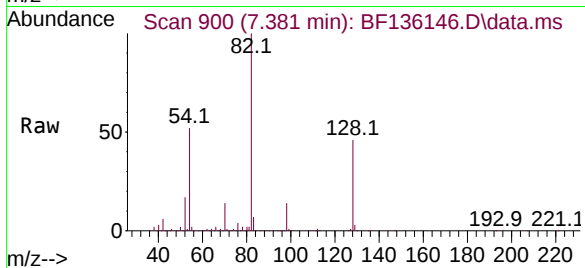




#25
Isophorone
Concen: 48.839 ng
RT: 7.381 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF136146.D
Acq: 04 Nov 2023 13:57

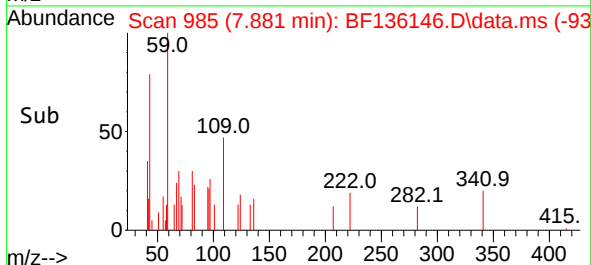
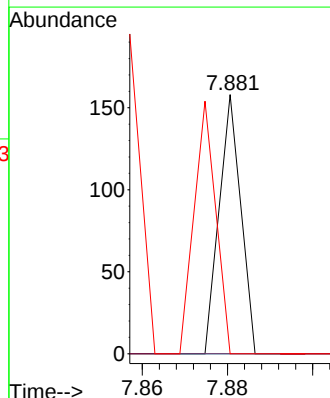
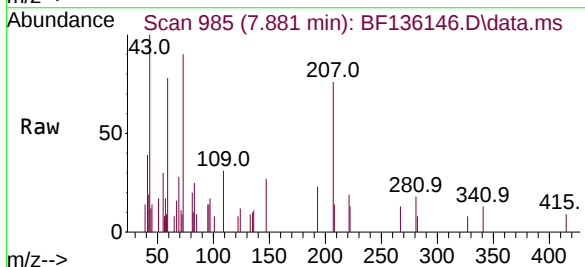
Instrument :
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ClientSampleId :
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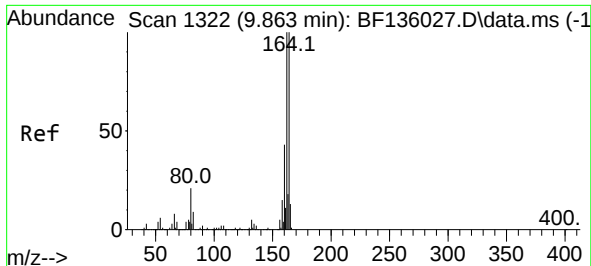
Tgt Ion: 82 Resp: 573335
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 15.3 22.9#



#32
Benzoic acid
Concen: 5.126 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.012 min
Lab File: BF136146.D
Acq: 04 Nov 2023 13:57

Tgt Ion:122 Resp: 56
Ion Ratio Lower Upper
122 100
105 0.0 99.5 139.5#
77 0.0 66.8 106.8#

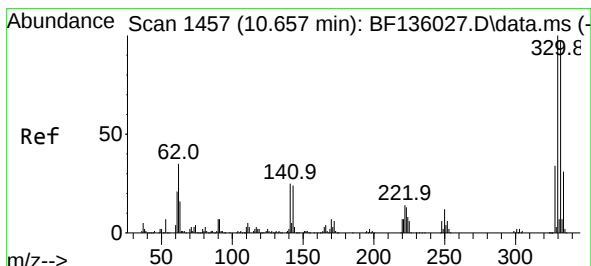
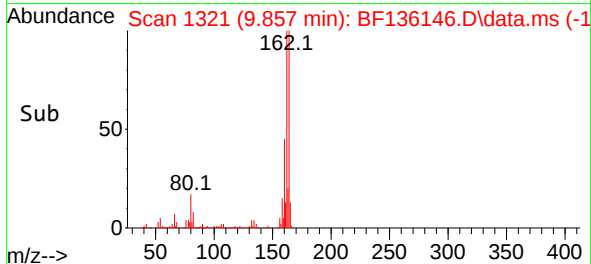
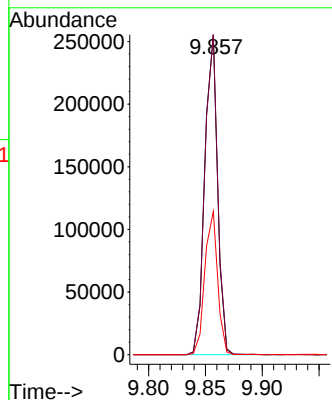
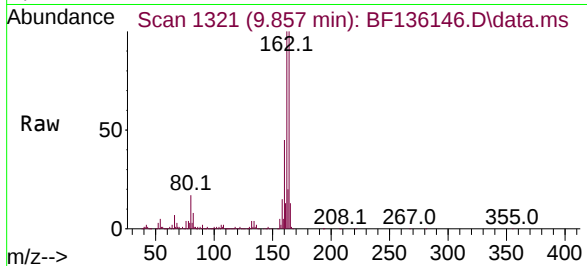




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF136146.D
Acq: 04 Nov 2023 13:57

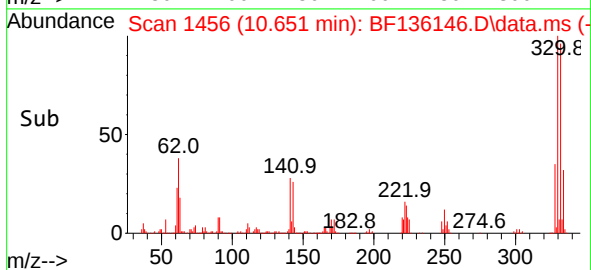
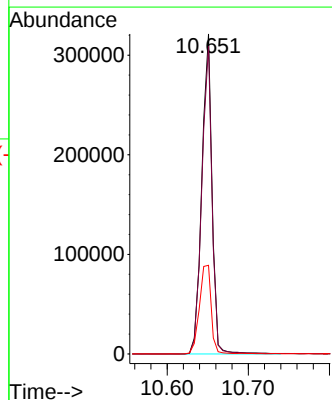
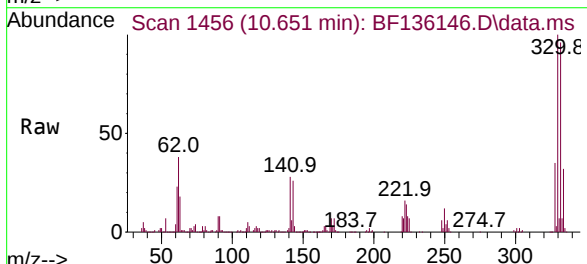
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ClientSampleId :
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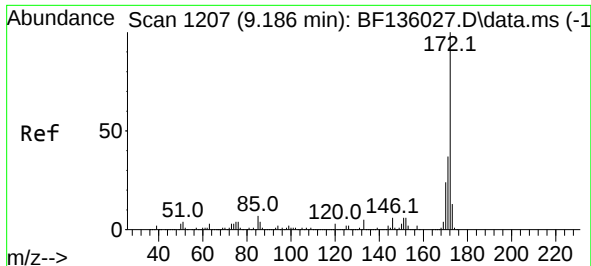
Tgt Ion:164 Resp: 199484
Ion Ratio Lower Upper
164 100
162 100.1 80.1 120.1
160 44.8 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 132.185 ng
RT: 10.651 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BF136146.D
Acq: 04 Nov 2023 13:57

Tgt Ion:330 Resp: 281454
Ion Ratio Lower Upper
330 100
332 96.2 76.9 115.3
141 32.2 23.2 34.8

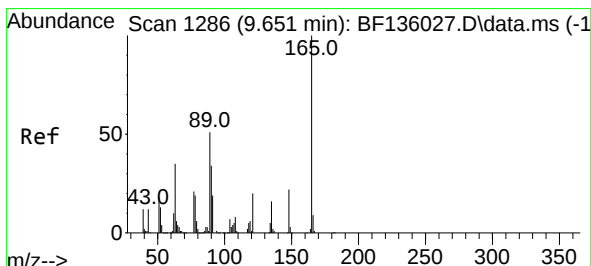
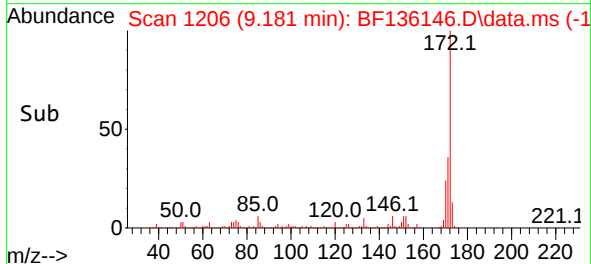
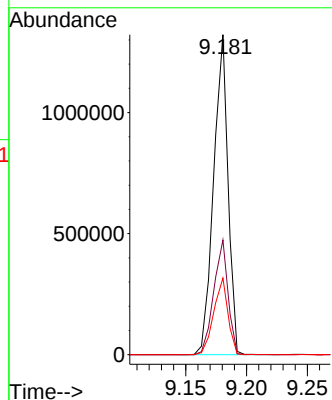
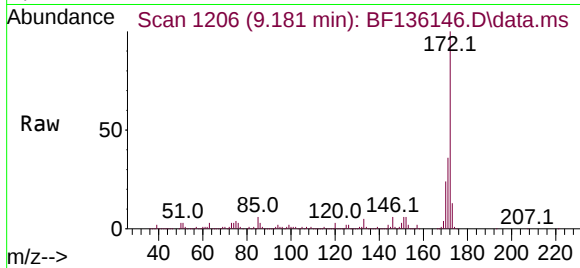




#45
2-Fluorobiphenyl
Concen: 86.692 ng
RT: 9.181 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136146.D
Acq: 04 Nov 2023 13:57

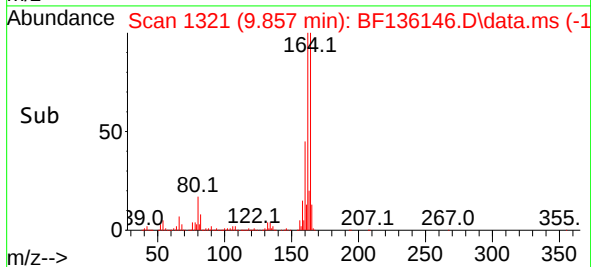
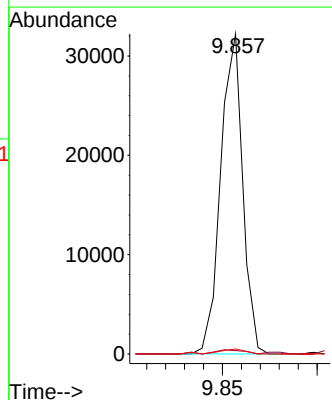
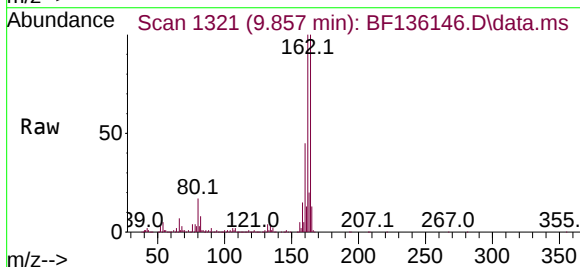
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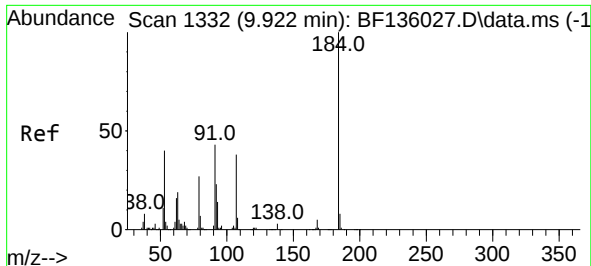
Tgt Ion:172 Resp: 1084859
Ion Ratio Lower Upper
172 100
171 35.8 29.4 44.0
170 24.0 19.3 28.9



#51
2,6-Dinitrotoluene
Concen: 9.217 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.212 min
Lab File: BF136146.D
Acq: 04 Nov 2023 13:57

Tgt Ion:165 Resp: 25940
Ion Ratio Lower Upper
165 100
63 1.1 40.8 61.2#
89 1.6 41.1 61.7#

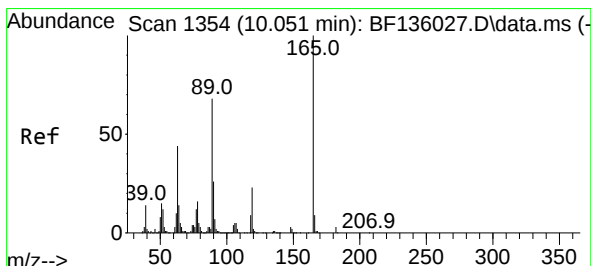
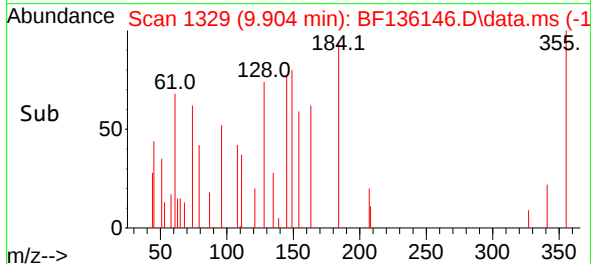
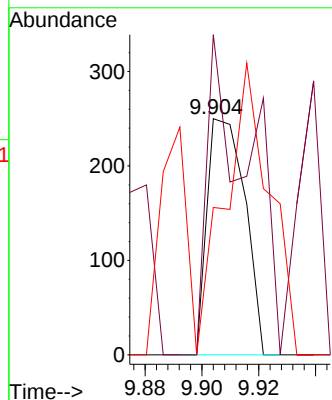
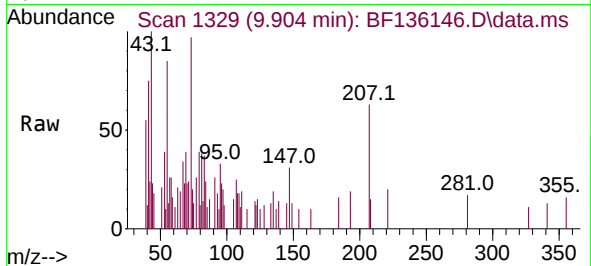




#54
2,4-Dinitrophenol
Concen: 8.114 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136146.D
Acq: 04 Nov 2023 13:57

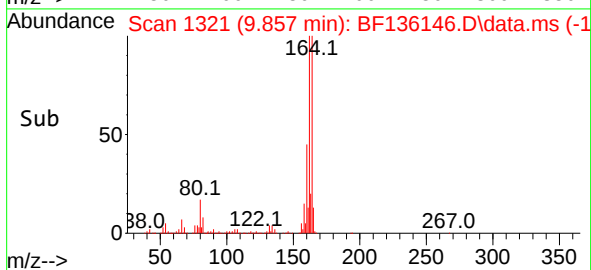
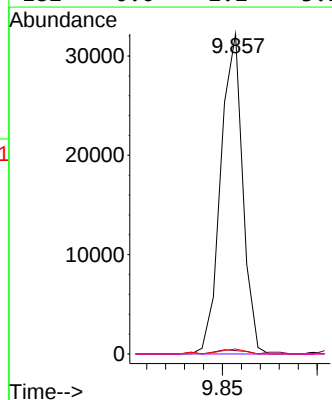
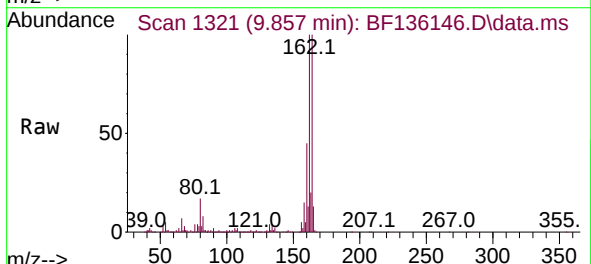
Instrument :
BNA_F
ClientSampleId :
SP-303-20231102

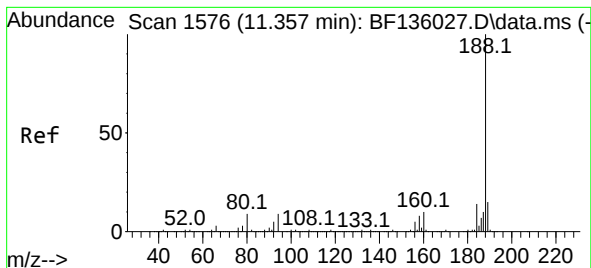
Tgt Ion:184 Resp: 231
Ion Ratio Lower Upper
184 100
63 135.6 43.7 65.5#
154 62.4 51.2 76.8



#57
2,4-Dinitrotoluene
Concen: 7.285 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF136146.D
Acq: 04 Nov 2023 13:57

Tgt Ion:165 Resp: 25940
Ion Ratio Lower Upper
165 100
63 1.1 35.2 52.8#
89 1.6 54.8 82.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136146.D

Acq: 04 Nov 2023 13:57

Instrument :

BNA_F

ClientSampleId :

SP-303-20231102

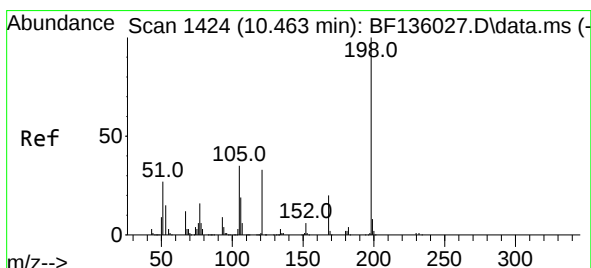
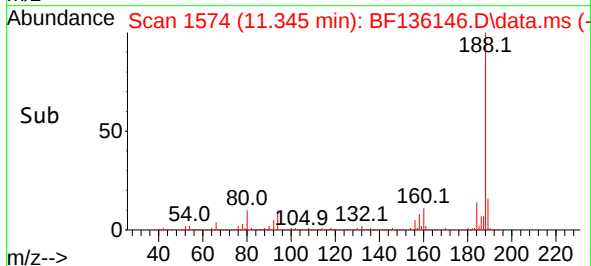
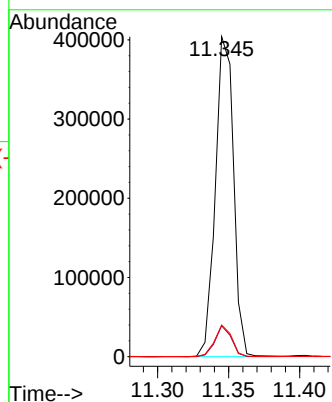
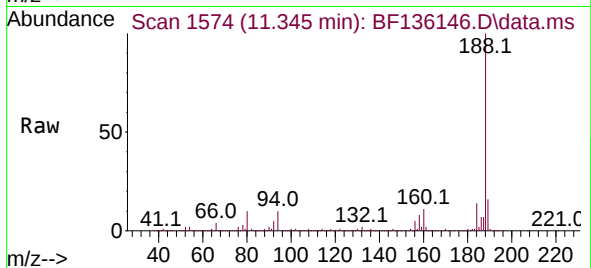
Tgt Ion:188 Resp: 359590

Ion Ratio Lower Upper

188 100

94 9.7 7.2 10.8

80 9.9 7.4 11.0



#65

4,6-Dinitro-2-methylphenol

Concen: 6.189 ng

RT: 10.651 min Scan# 1456

Delta R.T. 0.194 min

Lab File: BF136146.D

Acq: 04 Nov 2023 13:57

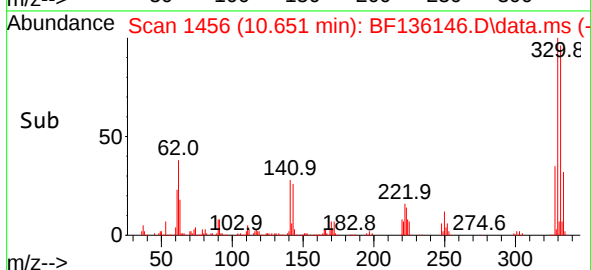
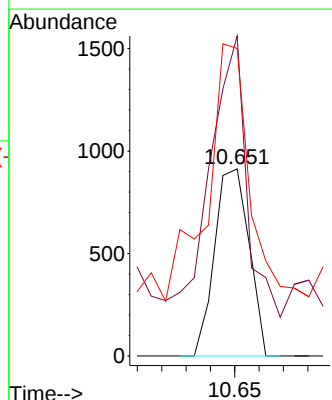
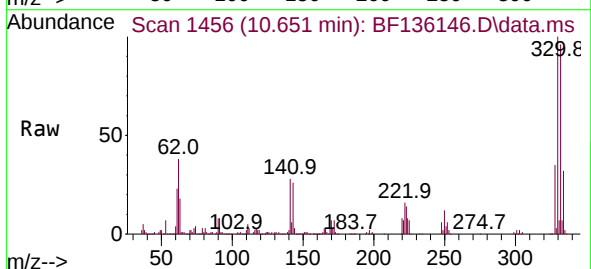
Tgt Ion:198 Resp: 896

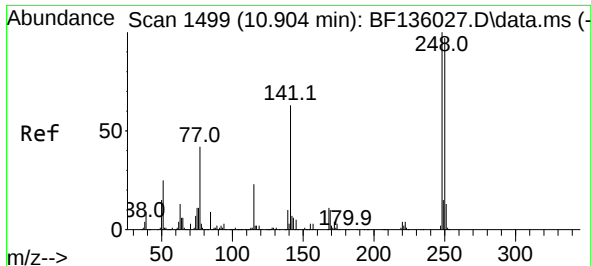
Ion Ratio Lower Upper

198 100

51 171.1 12.9 52.9#

105 164.4 16.0 56.0#

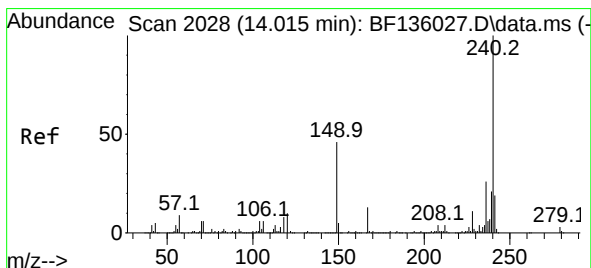
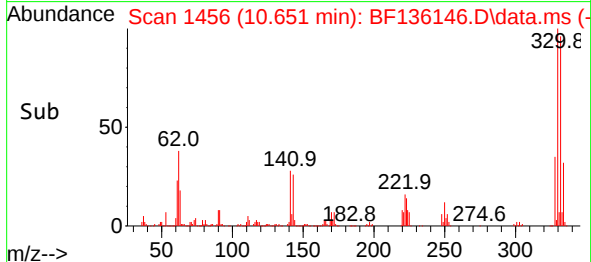
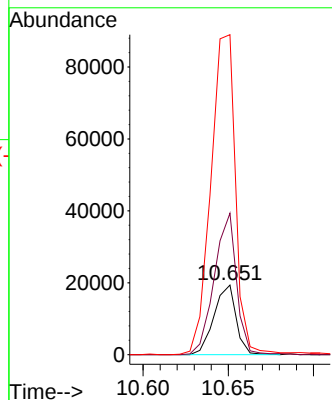
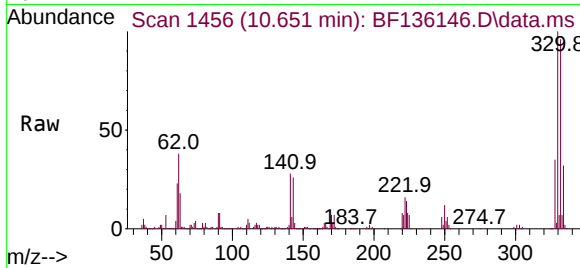




#67
4-Bromophenyl-phenylether
Concen: 4.639 ng
RT: 10.651 min Scan# 1499
Delta R.T. -0.247 min
Lab File: BF136146.D
Acq: 04 Nov 2023 13:57

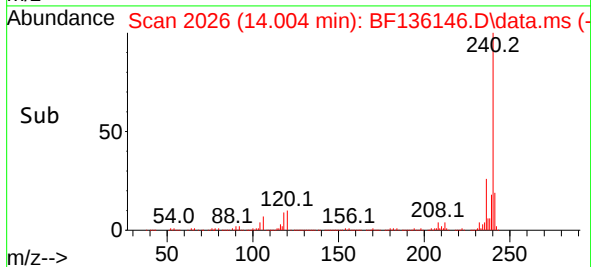
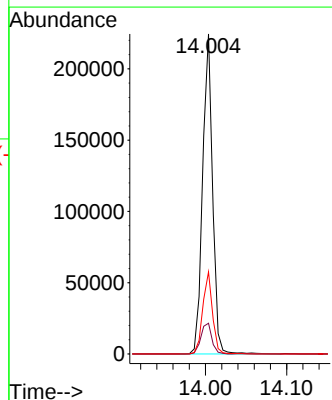
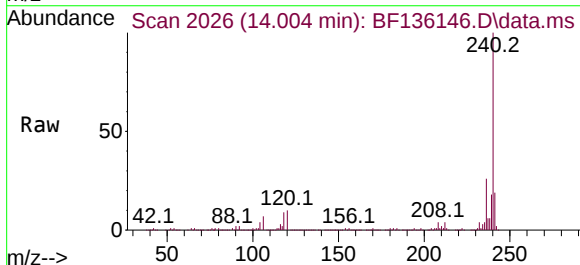
Instrument :
BNA_F
ClientSampleId :
SP-303-20231102

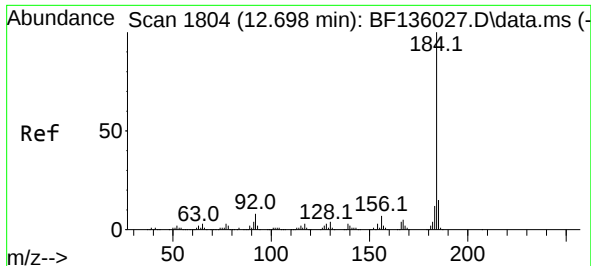
Tgt Ion:248 Resp: 17489
Ion Ratio Lower Upper
248 100
250 203.2 77.6 116.4#
141 459.5 50.4 75.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF136146.D
Acq: 04 Nov 2023 13:57

Tgt Ion:240 Resp: 191441
Ion Ratio Lower Upper
240 100
120 9.6 7.6 11.4
236 25.6 20.6 31.0

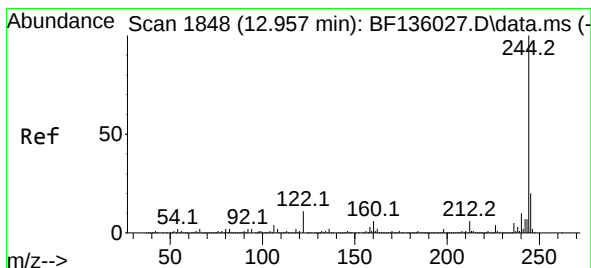
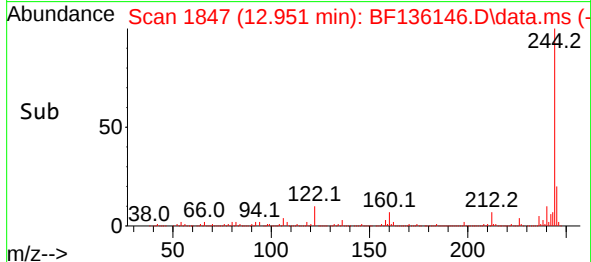
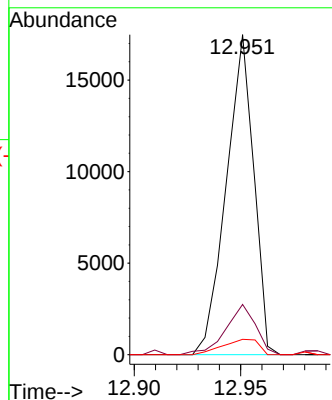
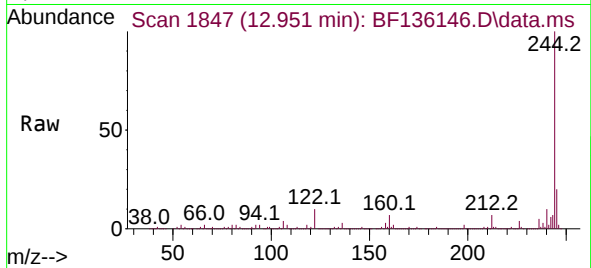




#77
Benzidine
Concen: 4.195 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.253 min
Lab File: BF136146.D
Acq: 04 Nov 2023 13:57

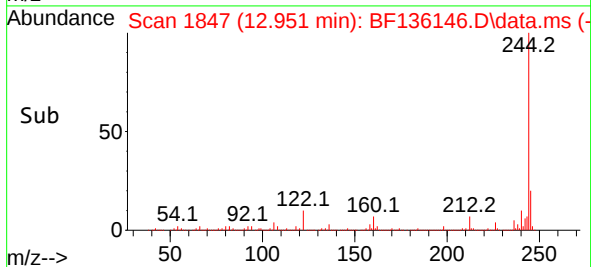
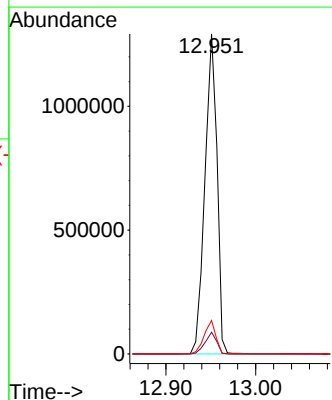
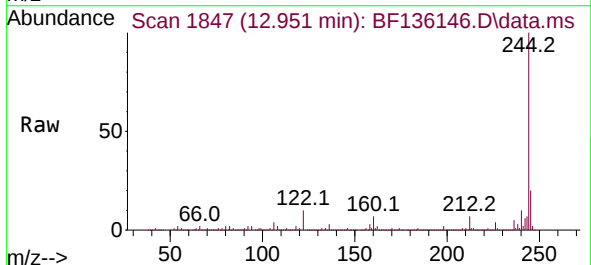
Instrument :
BNA_F
ClientSampleId :
SP-303-20231102

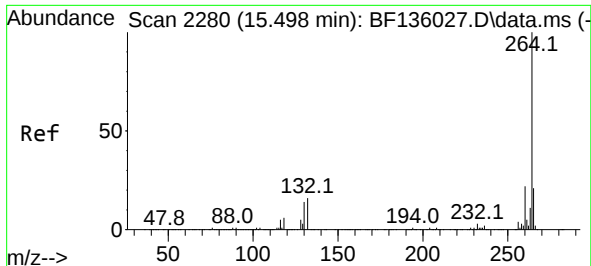
Tgt Ion:184 Resp: 15652
Ion Ratio Lower Upper
184 100
185 15.7 11.8 17.8
183 4.8 9.5 14.3#



#79
Terphenyl-d14
Concen: 98.116 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.000 min
Lab File: BF136146.D
Acq: 04 Nov 2023 13:57

Tgt Ion:244 Resp: 1208686
Ion Ratio Lower Upper
244 100
212 6.8 5.1 7.7
122 10.4 8.6 12.8

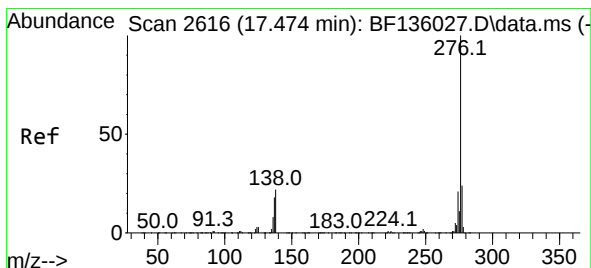
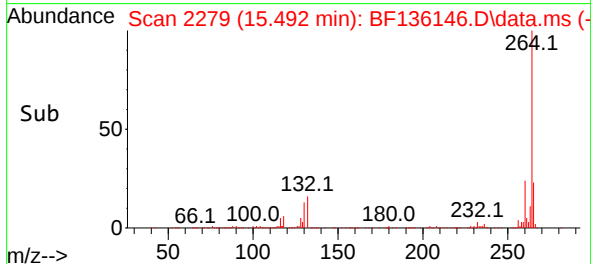
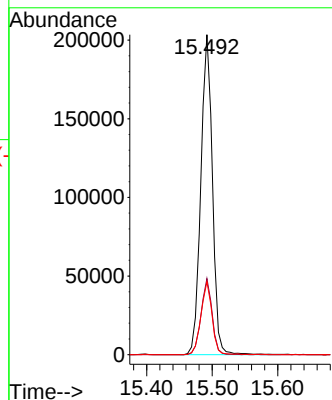
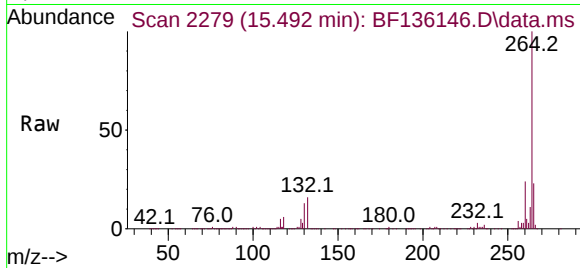




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136146.D
Acq: 04 Nov 2023 13:57

Instrument :
BNA_F
ClientSampleId :
SP-303-20231102

Tgt Ion:264 Resp: 250890
Ion Ratio Lower Upper
264 100
260 23.8 17.9 26.9
265 22.8 16.8 25.2



#92
Benzo(g,h,i)perylene
Concen: 2.898 ng
RT: 17.451 min Scan# 2612
Delta R.T. -0.023 min
Lab File: BF136146.D
Acq: 04 Nov 2023 13:57

Tgt Ion:276 Resp: 53
Ion Ratio Lower Upper
276 100
277 0.0 19.0 28.4#
138 0.0 17.4 26.2#

