

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101222\
 Data File : BF130637.D
 Acq On : 12 Oct 2022 19:06
 Operator : CG\JU
 Sample : N5019-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SASP2-T-3-COMP

Quant Time: Oct 13 05:46:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 12 06:52:52 2022
 Response via : Initial Calibration

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

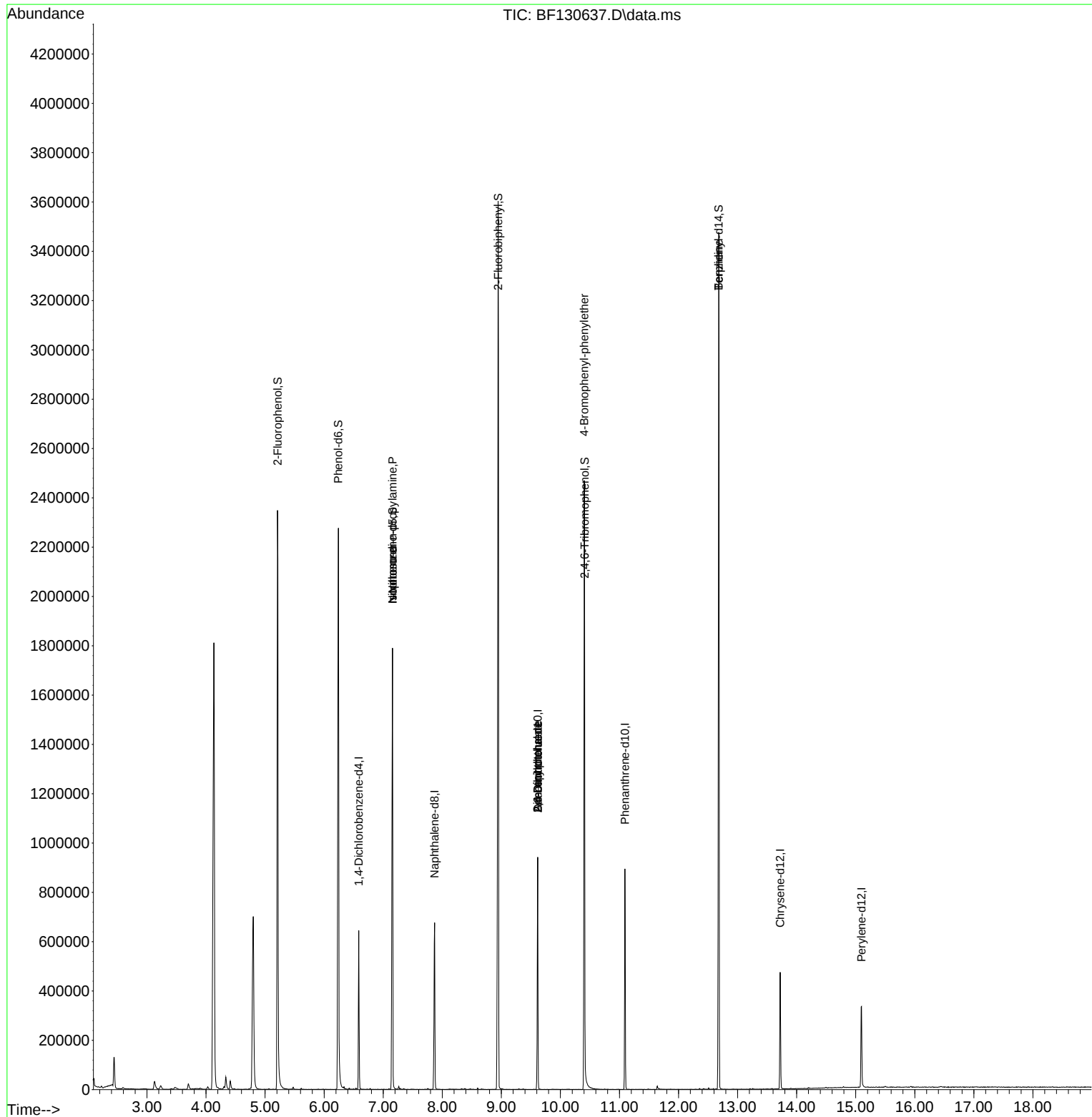
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.587	152	83282	20.000	ng	0.00
21) Naphthalene-d8	7.869	136	341403	20.000	ng	0.00
39) Acenaphthene-d10	9.616	164	181870	20.000	ng	0.00
64) Phenanthrene-d10	11.092	188	300016	20.000	ng	0.00
76) Chrysene-d12	13.721	240	150193	20.000	ng	0.00
86) Perylene-d12	15.098	264	141300	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.210	112	780353	168.899	ng	0.02
7) Phenol-d6	6.240	99	886818	152.665	ng	0.00
23) Nitrobenzene-d5	7.157	82	652556	104.344	ng	0.00
42) 2,4,6-Tribromophenol	10.410	330	323277	181.658	ng	0.00
45) 2-Fluorobiphenyl	8.945	172	1321422	110.058	ng	0.00
79) Terphenyl-d14	12.680	244	1275001	140.896	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.157	70	87837	23.437	ng	# 77
25) Isophorone	7.157	82	651048	62.549	ng	# 64
50) Dimethylphthalate	9.616	163	34092	2.708	ng	# 1
51) 2,6-Dinitrotoluene	9.616	165	23070	8.354	ng	# 25
57) 2,4-Dinitrotoluene	9.616	165	23070	6.500	ng	# 15
67) 4-Bromophenyl-phenylether	10.404	248	20153	5.937	ng	# 1
77) Benzidine	12.680	184	17682	4.658	ng	# 91

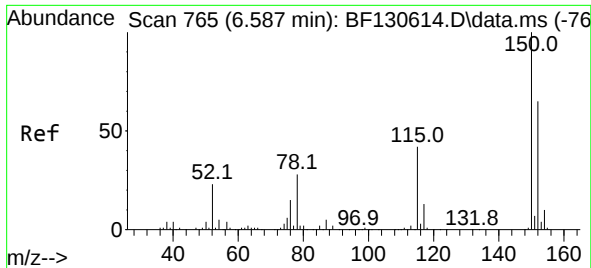
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 12 06:52:52 2022
Response via : Initial Calibration

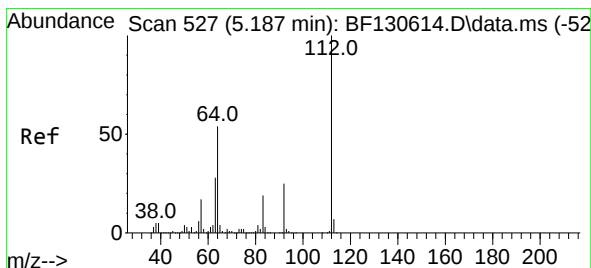
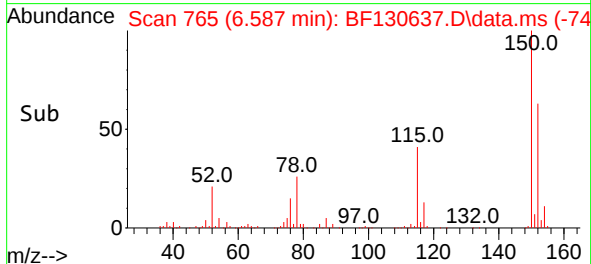
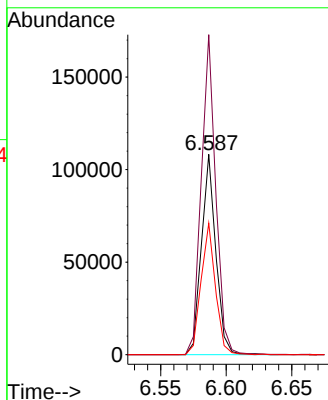
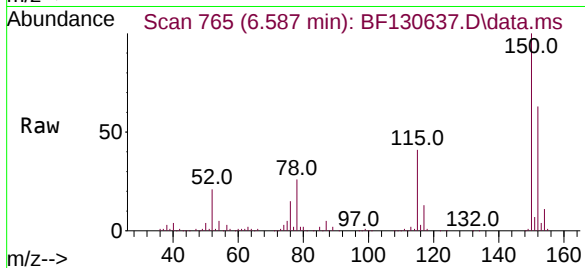




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.587 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF130637.D
Acq: 12 Oct 2022 19:06

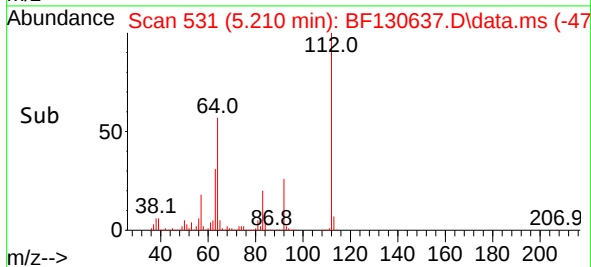
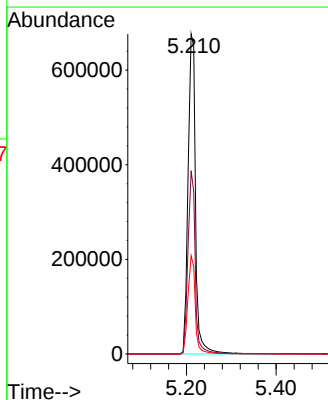
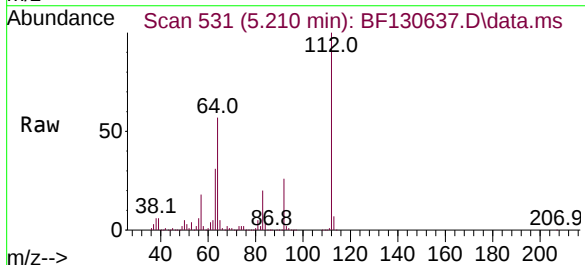
Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-COMP

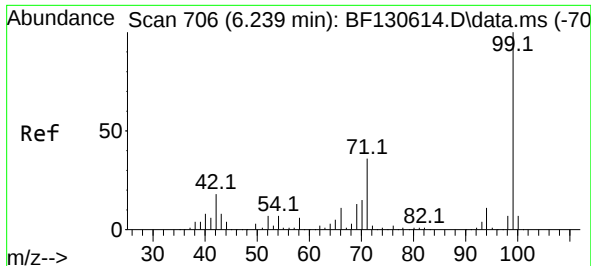
Tgt Ion:152 Resp: 83282
Ion Ratio Lower Upper
152 100
150 159.8 123.8 185.6
115 65.7 52.2 78.4



#5
2-Fluorophenol
Concen: 168.899 ng
RT: 5.210 min Scan# 531
Delta R.T. 0.024 min
Lab File: BF130637.D
Acq: 12 Oct 2022 19:06

Tgt Ion:112 Resp: 780353
Ion Ratio Lower Upper
112 100
64 57.2 43.5 65.3
63 30.7 22.6 34.0

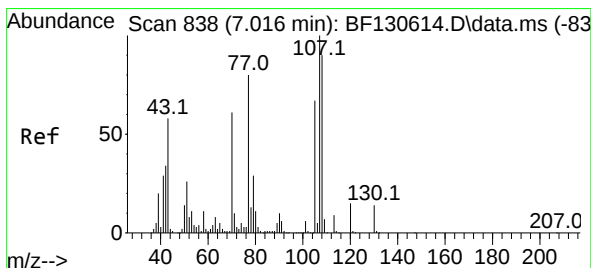
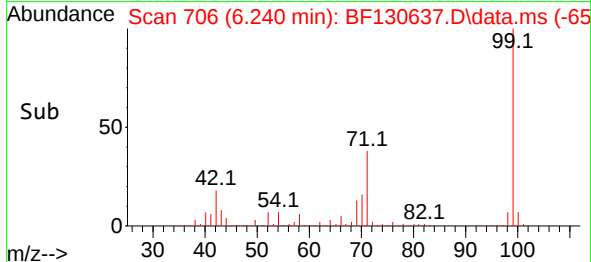
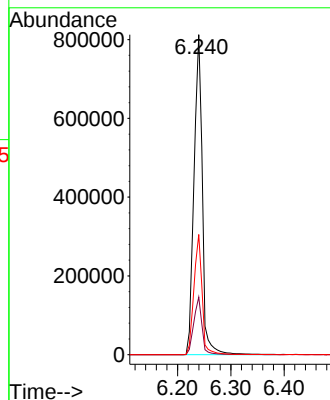
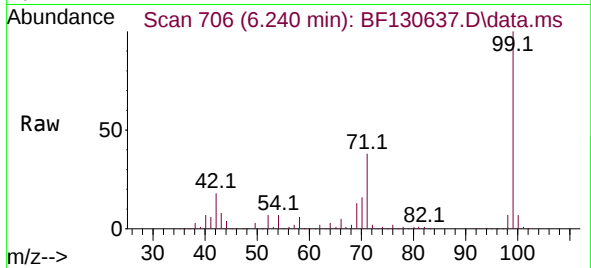




#7
Phenol-d6
Concen: 152.665 ng
RT: 6.240 min Scan# 706
Delta R.T. 0.000 min
Lab File: BF130637.D
Acq: 12 Oct 2022 19:06

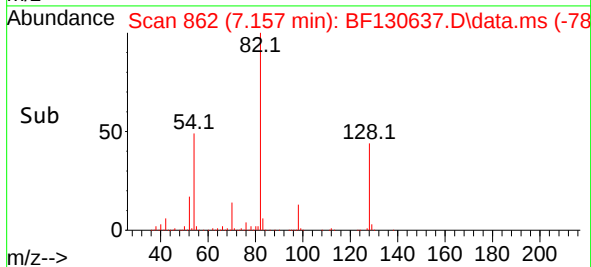
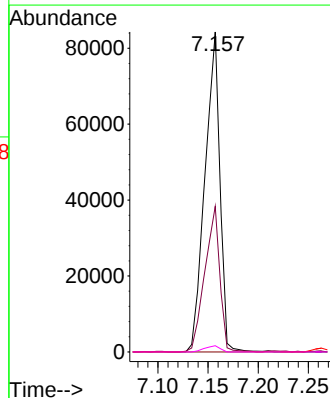
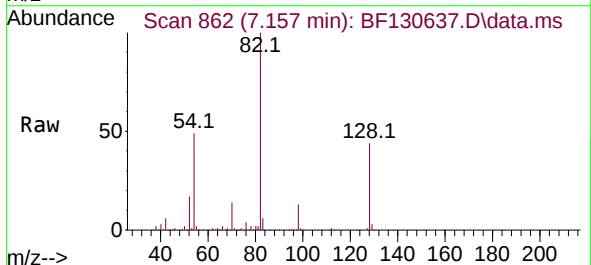
Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-COMP

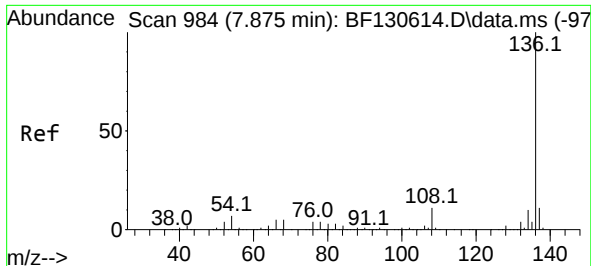
Tgt Ion: 99 Resp: 886818
Ion Ratio Lower Upper
99 100
42 18.0 14.0 21.0
71 37.5 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 23.437 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.141 min
Lab File: BF130637.D
Acq: 12 Oct 2022 19:06

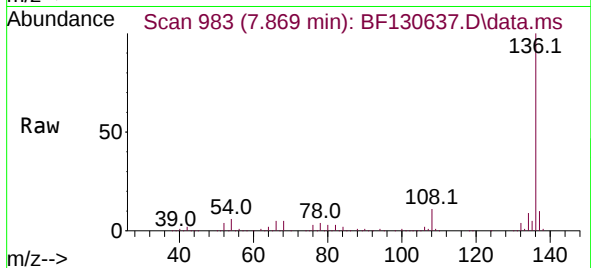
Tgt Ion: 70 Resp: 87837
Ion Ratio Lower Upper
70 100
42 45.5 44.3 66.5
101 0.0 7.9 11.9#
130 1.9 18.1 27.1#



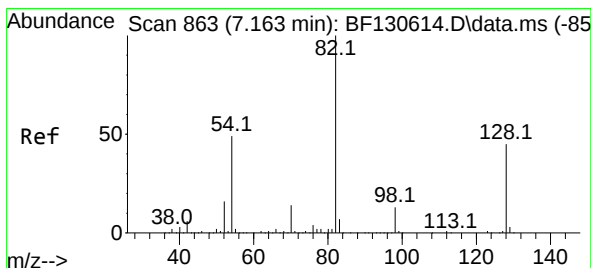
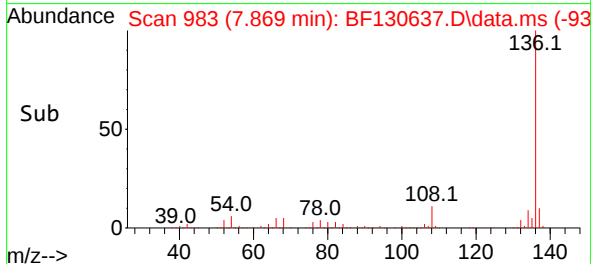
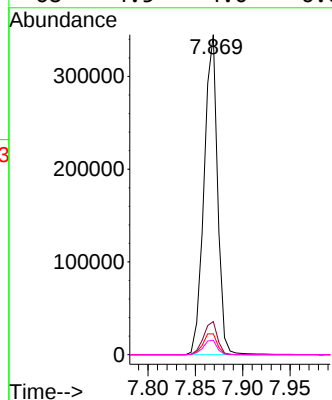


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.869 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130637.D
Acq: 12 Oct 2022 19:06

Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-COMP

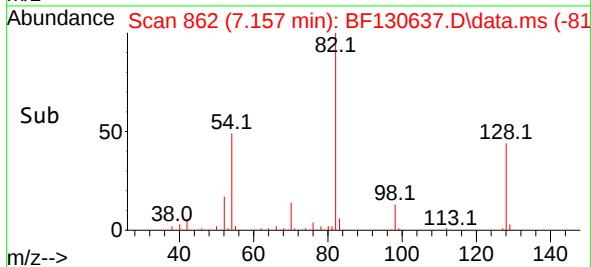
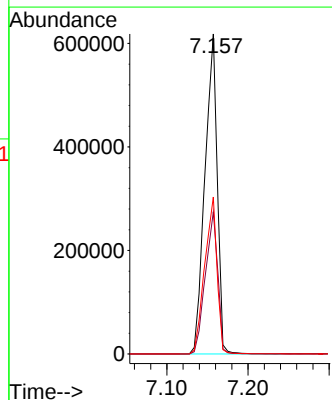
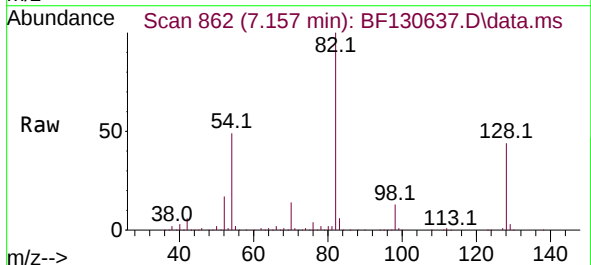


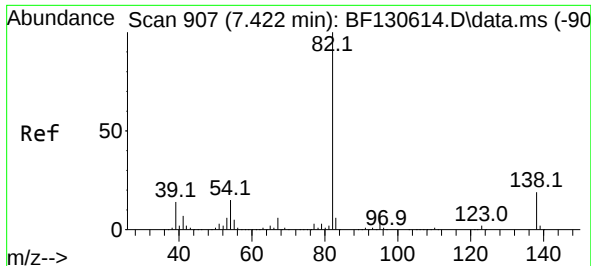
Tgt Ion:136 Resp: 341403
Ion Ratio Lower Upper
136 100
137 10.4 8.4 12.6
54 6.5 5.5 8.3
68 4.5 4.0 6.0



#23
Nitrobenzene-d5
Concen: 104.344 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF130637.D
Acq: 12 Oct 2022 19:06

Tgt Ion: 82 Resp: 652556
Ion Ratio Lower Upper
82 100
128 44.4 35.8 53.6
54 49.1 39.3 58.9

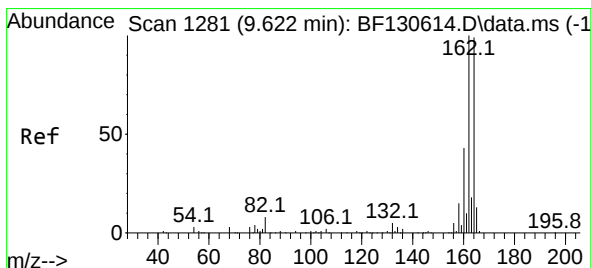
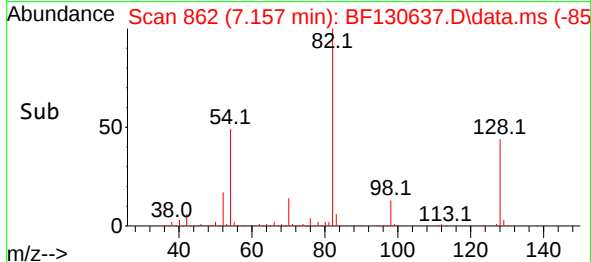
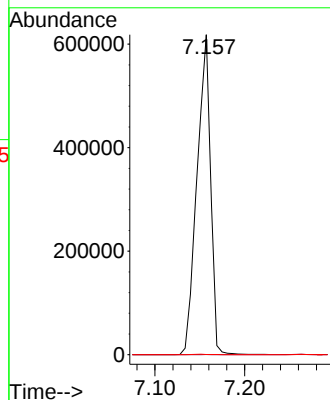
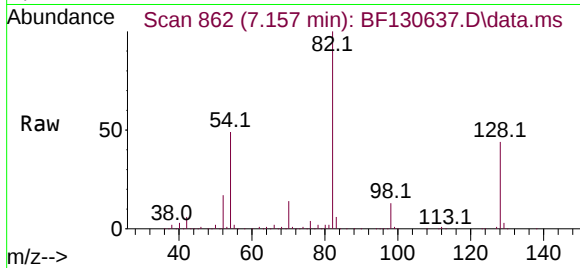




#25
Isophorone
Concen: 62.549 ng
RT: 7.157 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF130637.D
Acq: 12 Oct 2022 19:06

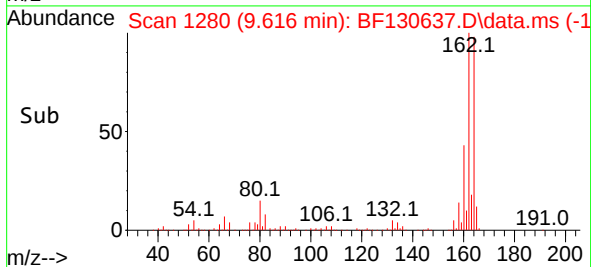
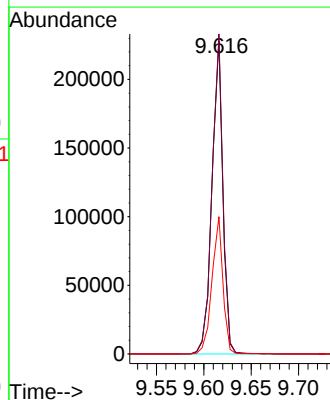
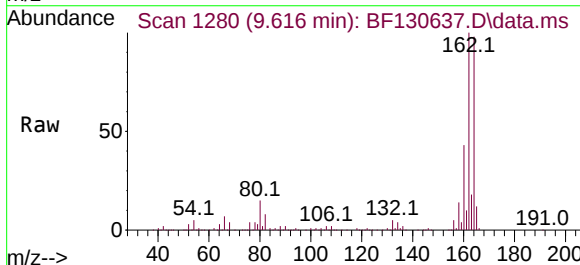
Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-COMP

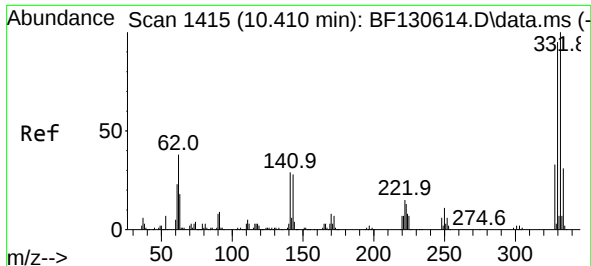
Tgt Ion: 82 Resp: 651048
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.1 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF130637.D
Acq: 12 Oct 2022 19:06

Tgt Ion:164 Resp: 181870
Ion Ratio Lower Upper
164 100
162 102.2 81.0 121.4
160 43.9 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 181.658 ng

RT: 10.410 min Scan# 1415

Delta R.T. -0.000 min

Lab File: BF130637.D

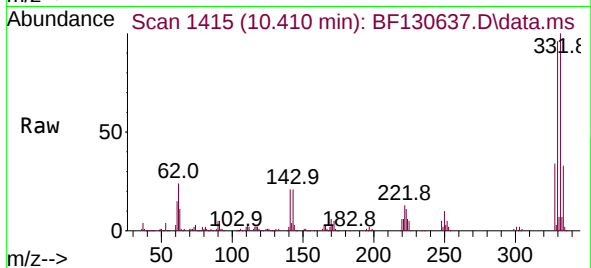
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Instrument :

BNA_F

ClientSampleId :

SASP2-T-3-COMP



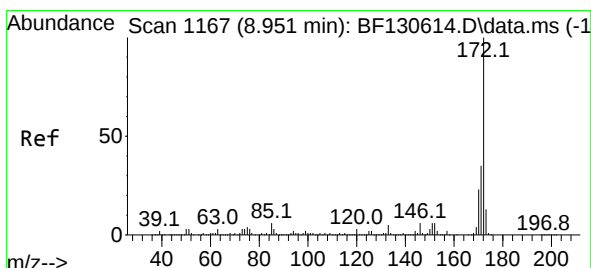
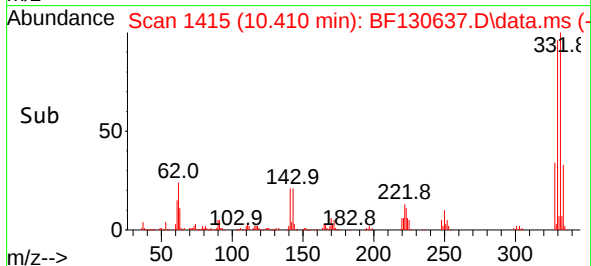
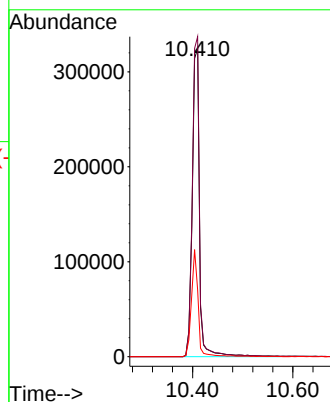
Tgt Ion:330 Resp: 323277

Ion Ratio Lower Upper

330 100

332 103.8 84.2 126.4

141 32.1 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 110.058 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF130637.D

Acq: 12 Oct 2022 19:06

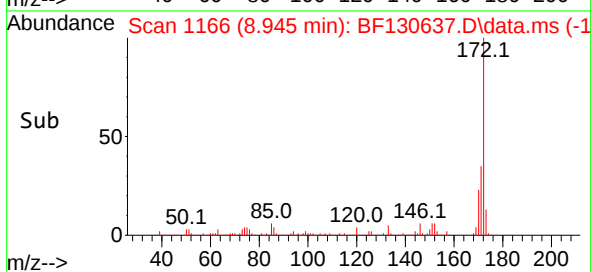
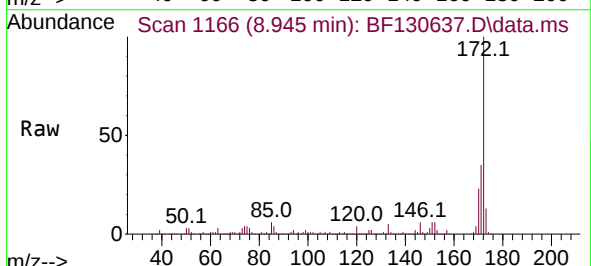
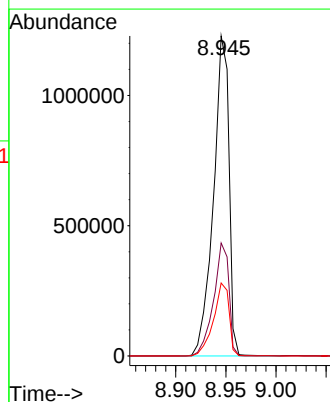
Tgt Ion:172 Resp: 1321422

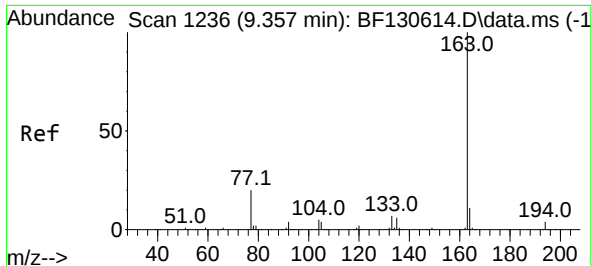
Ion Ratio Lower Upper

172 100

171 35.3 27.8 41.8

170 22.8 18.6 27.8

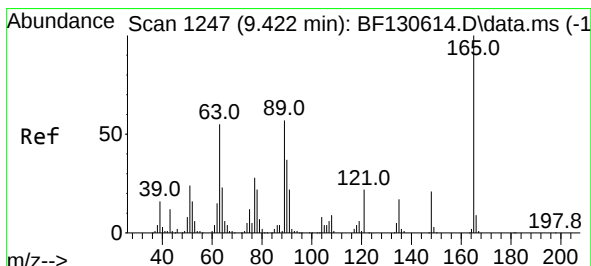
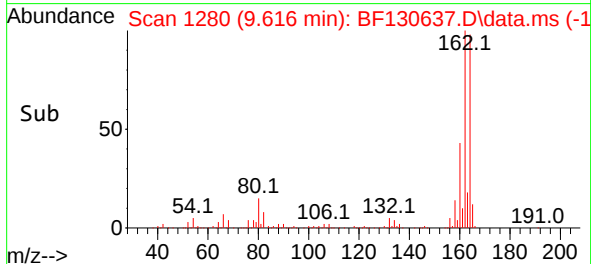
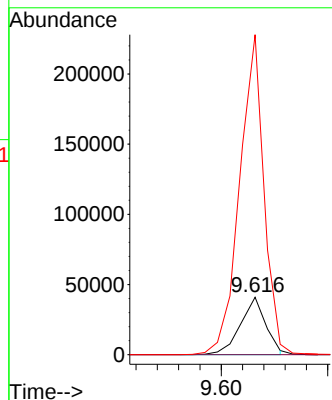
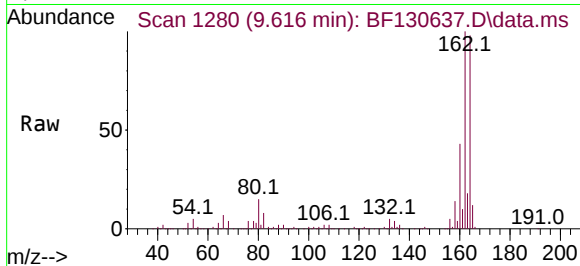




#50
Dimethylphthalate
Concen: 2.708 ng
RT: 9.616 min Scan# 1280
Delta R.T. 0.259 min
Lab File: BF130637.D
Acq: 12 Oct 2022 19:06

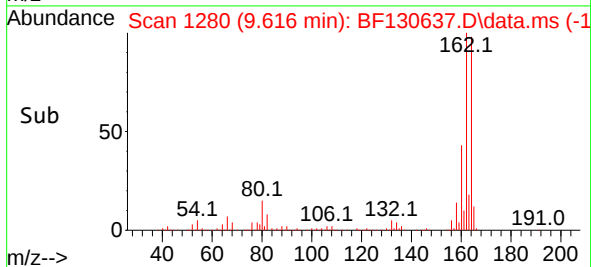
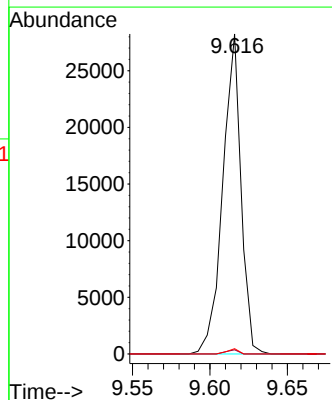
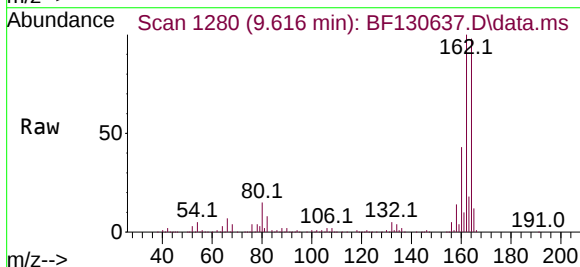
Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-COMP

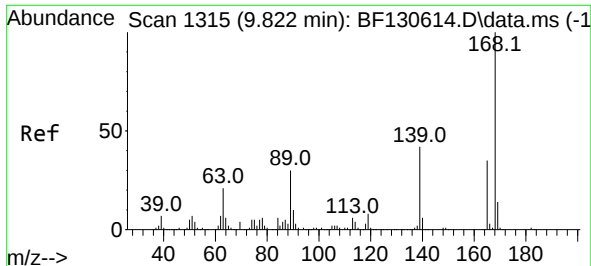
Tgt Ion:163 Resp: 34092
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 556.8 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.354 ng
RT: 9.616 min Scan# 1280
Delta R.T. 0.194 min
Lab File: BF130637.D
Acq: 12 Oct 2022 19:06

Tgt Ion:165 Resp: 23070
Ion Ratio Lower Upper
165 100
63 1.3 45.3 67.9#
89 1.6 45.6 68.4#





#57

2,4-Dinitrotoluene

Concen: 6.500 ng

RT: 9.616 min Scan# 11

Delta R.T. -0.206 min

Lab File: BF130637.D

Acq: 12 Oct 2022 19:06

Instrument :

BNA_F

ClientSampleId :

SASP2-T-3-COMP

Tgt Ion:165 Resp: 23070

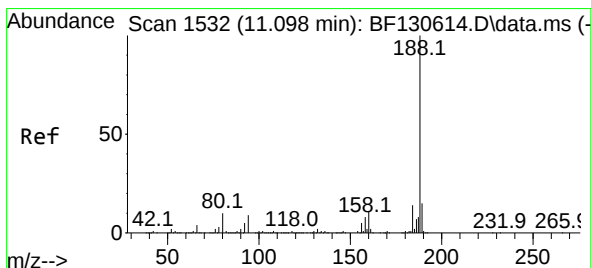
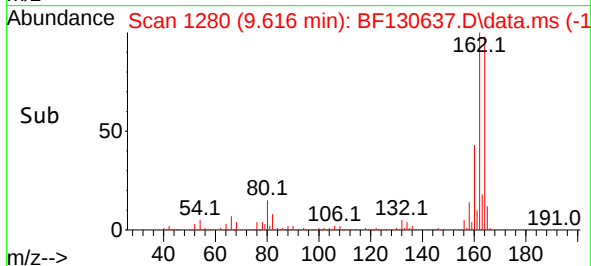
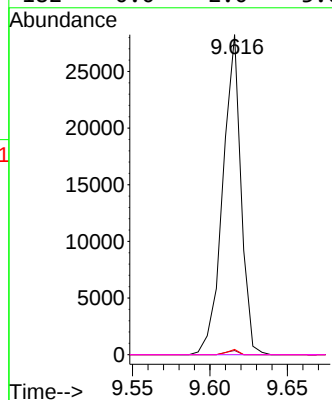
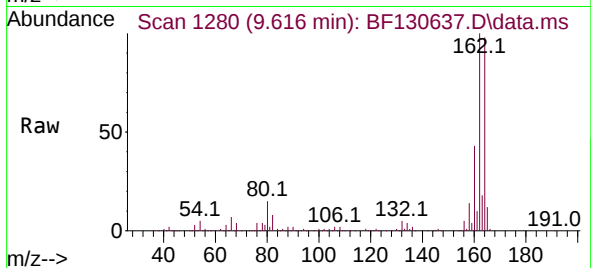
Ion Ratio Lower Upper

165 100

63 1.3 50.6 76.0#

89 1.6 68.6 102.8#

182 0.0 2.0 3.0#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.092 min Scan# 1531

Delta R.T. -0.006 min

Lab File: BF130637.D

Acq: 12 Oct 2022 19:06

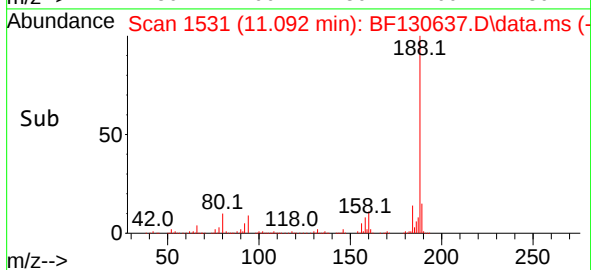
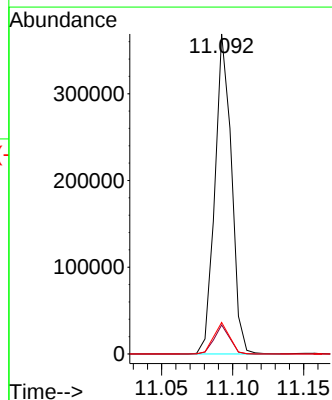
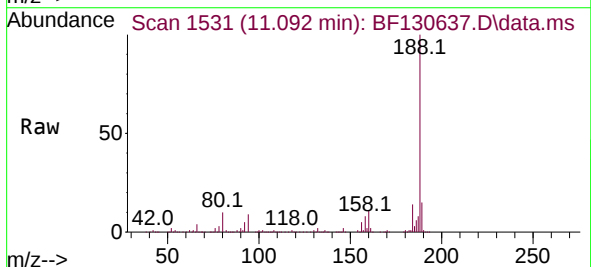
Tgt Ion:188 Resp: 300016

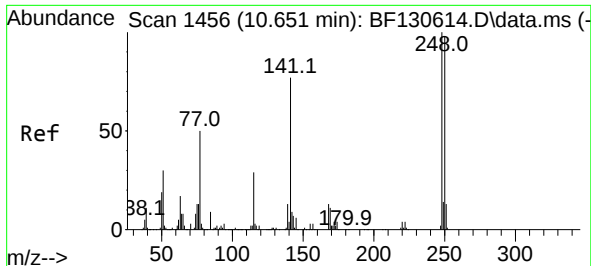
Ion Ratio Lower Upper

188 100

94 9.1 7.4 11.2

80 9.8 8.0 12.0

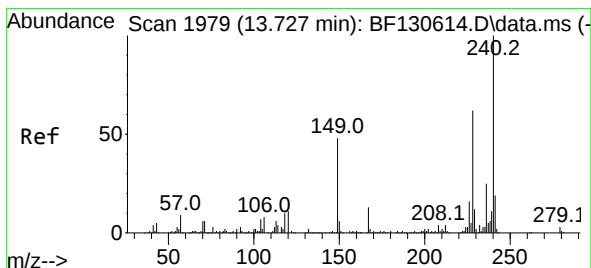
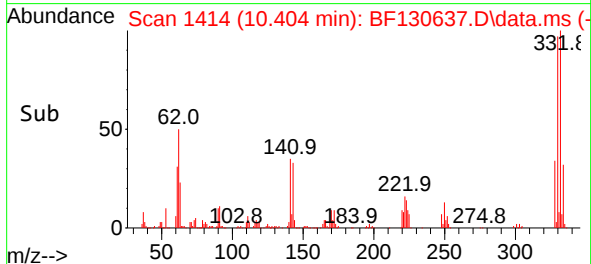
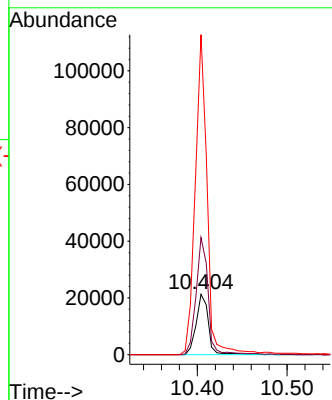
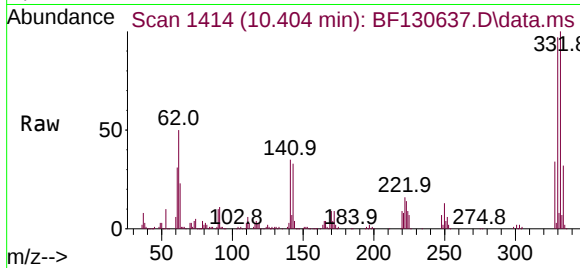




#67
4-Bromophenyl-phenylether
Concen: 5.937 ng
RT: 10.404 min Scan# 1456
Delta R.T. -0.247 min
Lab File: BF130637.D
Acq: 12 Oct 2022 19:06

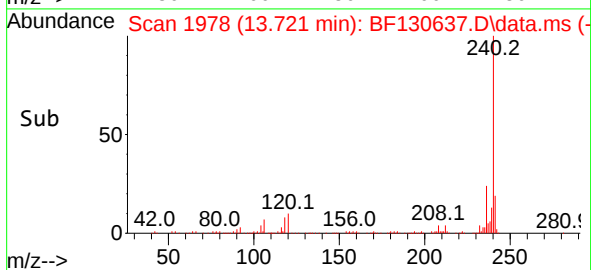
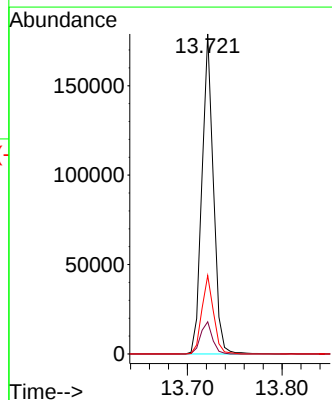
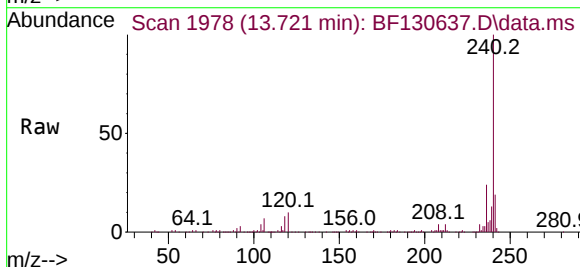
Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-COMP

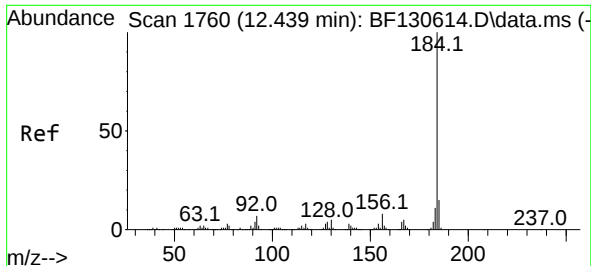
Tgt Ion:248 Resp: 20153
Ion Ratio Lower Upper
248 100
250 194.1 78.7 118.1#
141 530.1 61.6 92.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.721 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BF130637.D
Acq: 12 Oct 2022 19:06

Tgt Ion:240 Resp: 150193
Ion Ratio Lower Upper
240 100
120 10.1 8.6 13.0
236 24.5 20.2 30.4

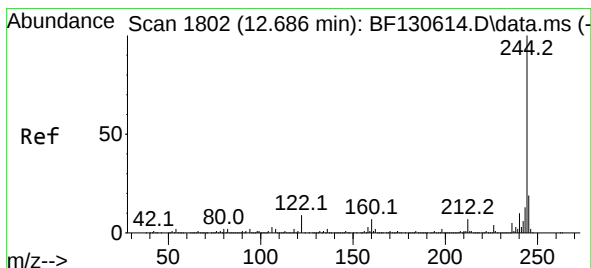
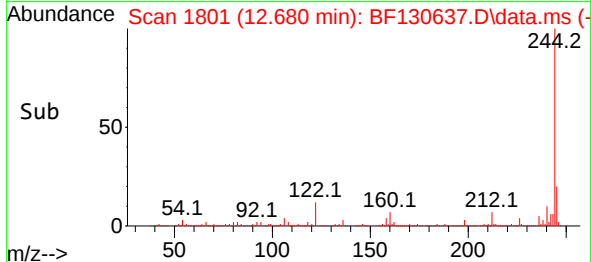
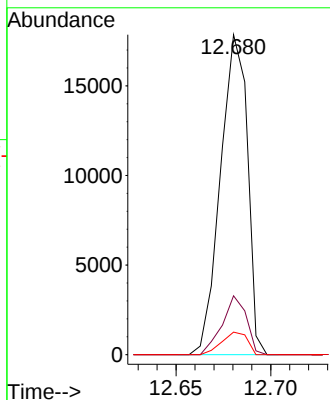
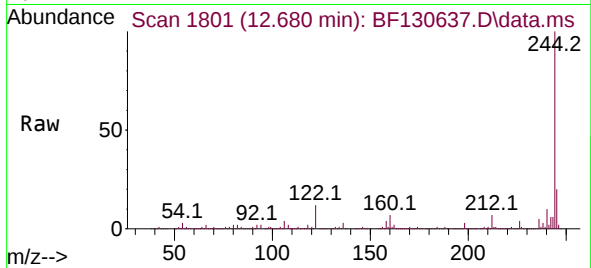




#77
Benzidine
Concen: 4.658 ng
RT: 12.680 min Scan# 1801
Delta R.T. 0.241 min
Lab File: BF130637.D
Acq: 12 Oct 2022 19:06

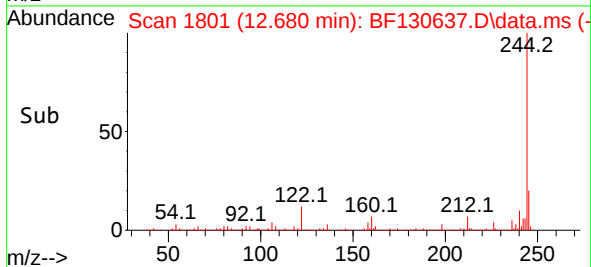
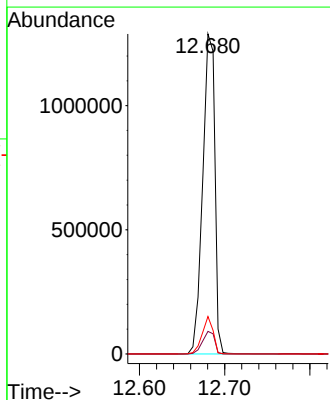
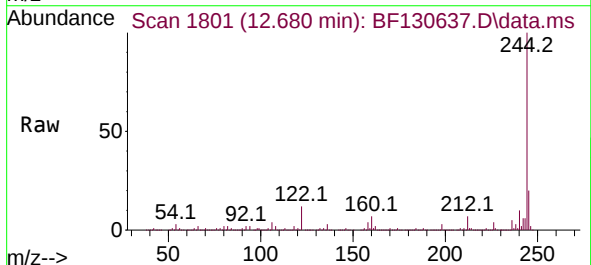
Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-COMP

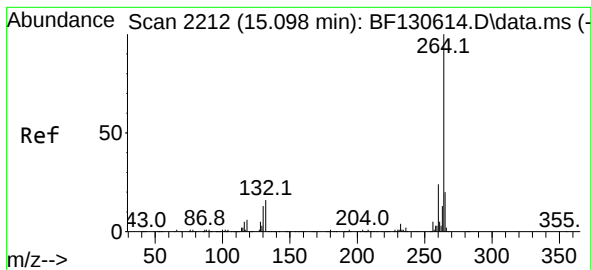
Tgt Ion:184 Resp: 17682
Ion Ratio Lower Upper
184 100
185 18.4 12.0 18.0#
183 7.1 9.0 13.4#



#79
Terphenyl-d14
Concen: 140.896 ng
RT: 12.680 min Scan# 1801
Delta R.T. -0.006 min
Lab File: BF130637.D
Acq: 12 Oct 2022 19:06

Tgt Ion:244 Resp: 1275001
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 11.7 7.5 11.3#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF130637.D

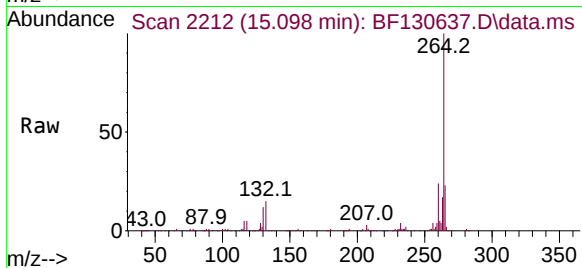
Acq: 12 Oct 2022 19:06

Instrument :

BNA_F

ClientSampleId :

SASP2-T-3-COMP



Tgt Ion:264 Resp: 141300

Ion Ratio Lower Upper

264 100

260 23.5 19.1 28.7

265 22.7 16.4 24.6

