

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082622\
 Data File : BF130023.D
 Acq On : 26 Aug 2022 17:23
 Operator : CG\JU
 Sample : N4260-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SASP2-T-4-(0-5)

Quant Time: Aug 27 06:10:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 14:45:09 2022
 Response via : Initial Calibration

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

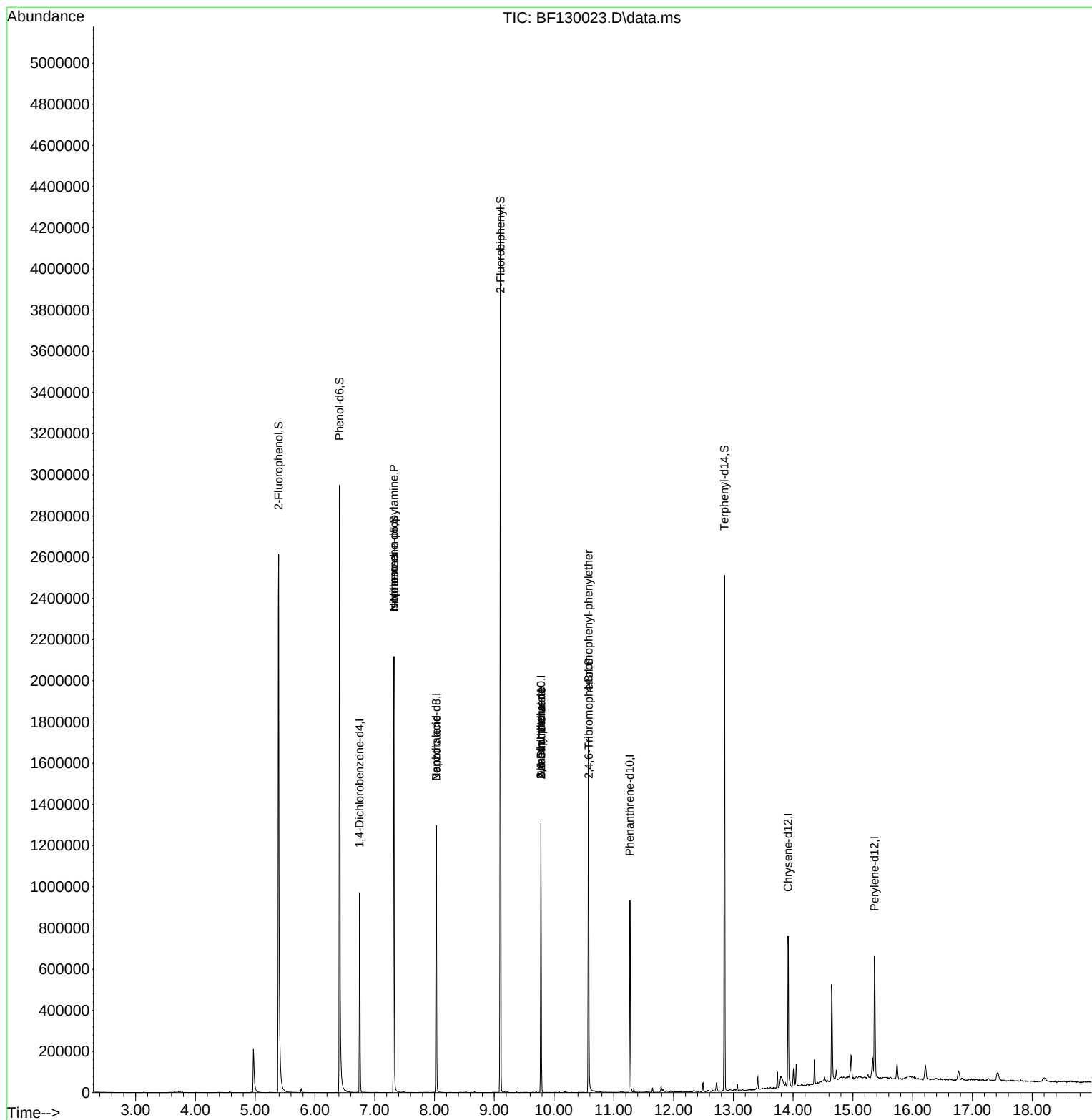
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	129043	20.000	ng	-0.01
21) Naphthalene-d8	8.028	136	502281	20.000	ng	-0.01
39) Acenaphthene-d10	9.781	164	237660	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	315945	20.000	ng	-0.01
76) Chrysene-d12	13.916	240	238606	20.000	ng	-0.01
86) Perylene-d12	15.363	264	253210	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	817115	104.841	ng	0.00
7) Phenol-d6	6.410	99	1005233	102.994	ng	-0.01
23) Nitrobenzene-d5	7.322	82	656910	70.012	ng	-0.01
42) 2,4,6-Tribromophenol	10.581	330	186688	78.267	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1136879	72.654	ng	-0.01
79) Terphenyl-d14	12.851	244	776696	54.163	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.410	77	1888	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.322	70	88431	14.334	ng	# 77
25) Isophorone	7.322	82	656910	40.677	ng	# 65
32) Benzoic acid	8.028	122	79	2.183	ng	# 1
50) Dimethylphthalate	9.781	163	40437	2.373	ng	# 1
51) 2,6-Dinitrotoluene	9.781	165	30631	8.288	ng	# 23
57) 2,4-Dinitrotoluene	9.781	165	30631	6.385	ng	# 18
67) 4-Bromophenyl-phenylether	10.575	248	12143	3.281	ng	# 1
77) Benzidine	12.851	184	11003	Below Cal	#	92

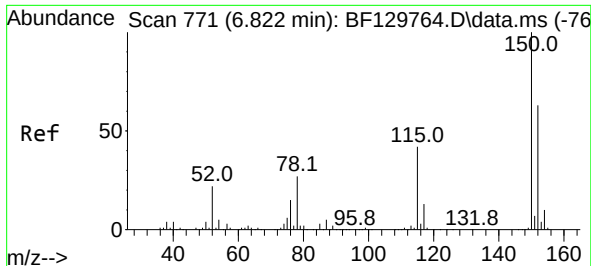
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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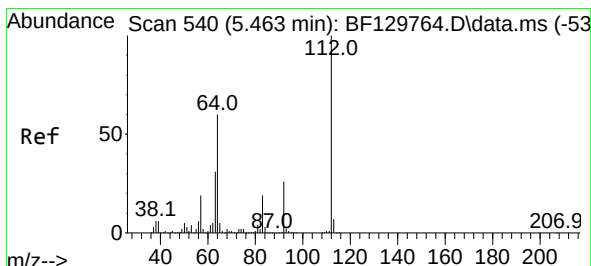
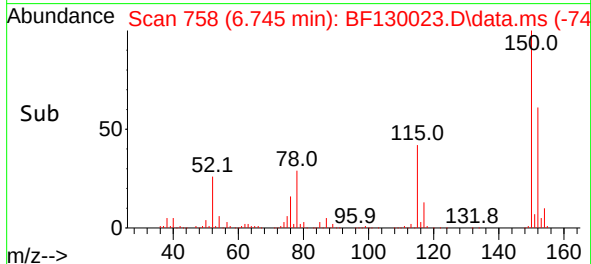
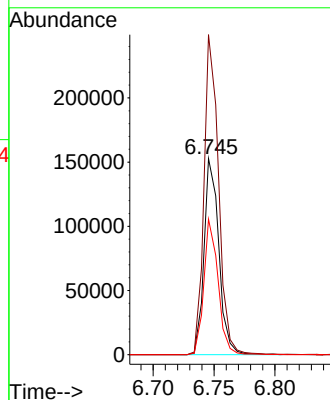
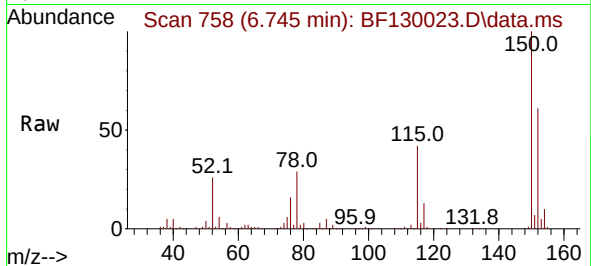




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130023.D
Acq: 26 Aug 2022 17:23

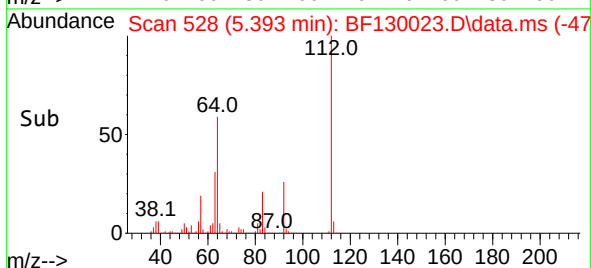
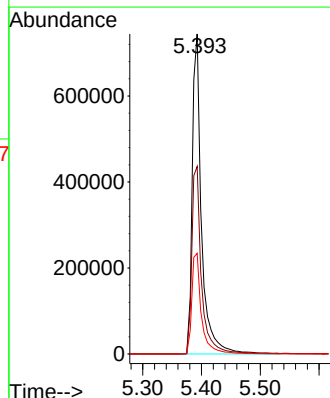
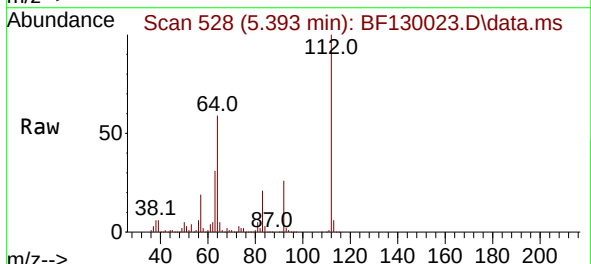
Instrument :
BNA_F
ClientSampleId :
SASP2-T-4-(0-5)

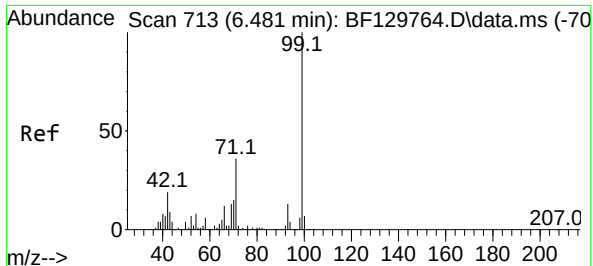
Tgt Ion:152 Resp: 129043
Ion Ratio Lower Upper
152 100
150 163.1 126.9 190.3
115 69.0 53.4 80.0



#5
2-Fluorophenol
Concen: 104.841 ng
RT: 5.393 min Scan# 528
Delta R.T. 0.000 min
Lab File: BF130023.D
Acq: 26 Aug 2022 17:23

Tgt Ion:112 Resp: 817115
Ion Ratio Lower Upper
112 100
64 58.6 47.6 71.4
63 31.4 24.6 37.0

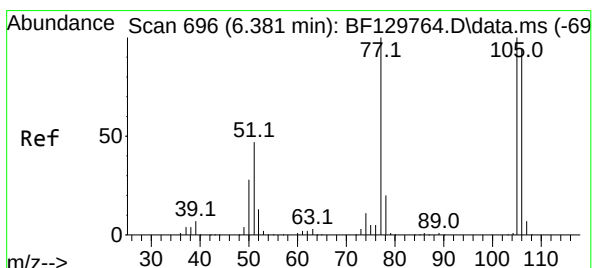
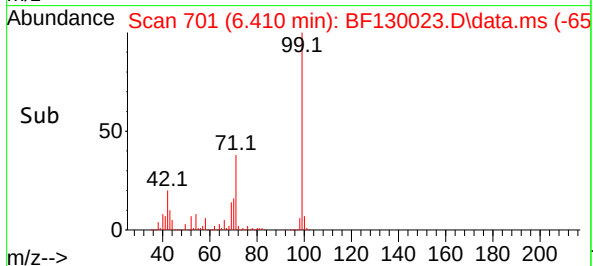
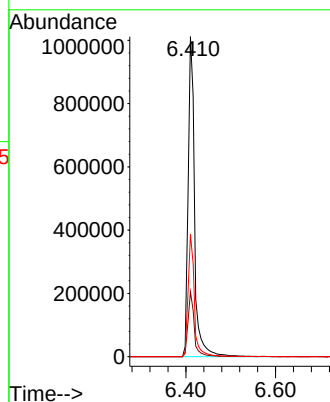
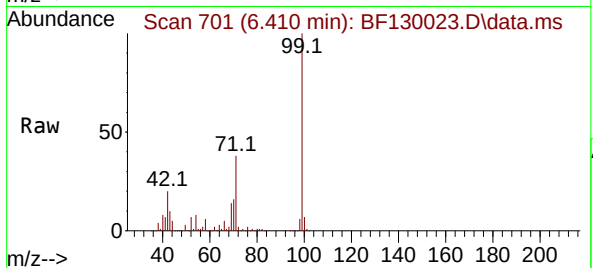




#7
Phenol-d6
Concen: 102.994 ng
RT: 6.410 min Scan# 701
Delta R.T. -0.012 min
Lab File: BF130023.D
Acq: 26 Aug 2022 17:23

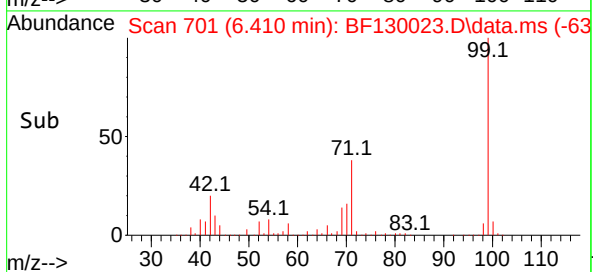
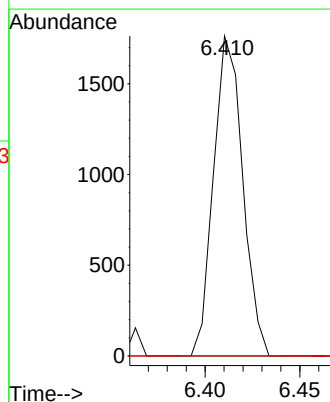
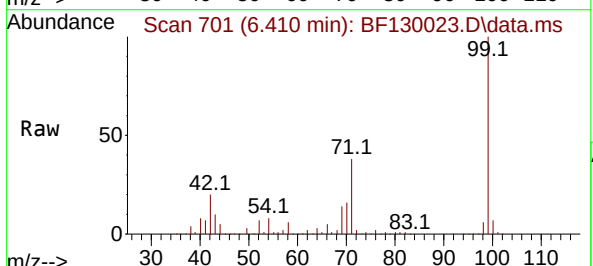
Instrument :
BNA_F
ClientSampleId :
SASP2-T-4-(0-5)

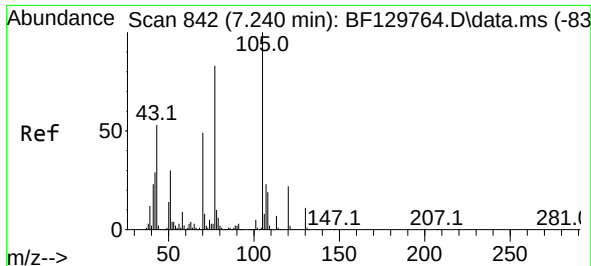
Tgt Ion: 99 Resp: 1005233
Ion Ratio Lower Upper
99 100
42 20.3 15.0 22.4
71 38.2 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.410 min Scan# 701
Delta R.T. 0.094 min
Lab File: BF130023.D
Acq: 26 Aug 2022 17:23

Tgt Ion: 77 Resp: 1888
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

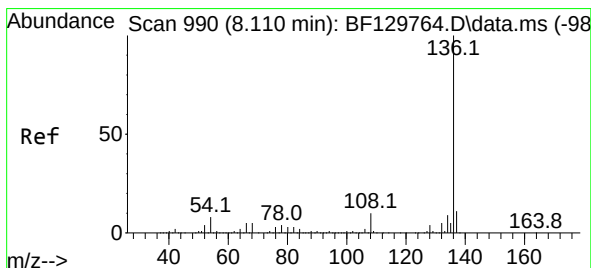
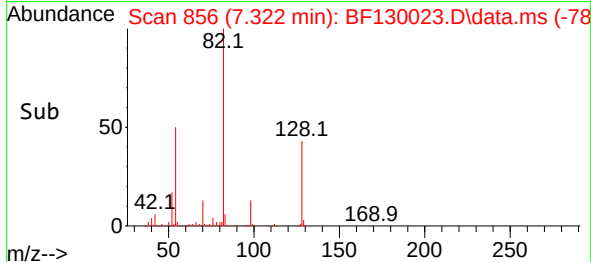
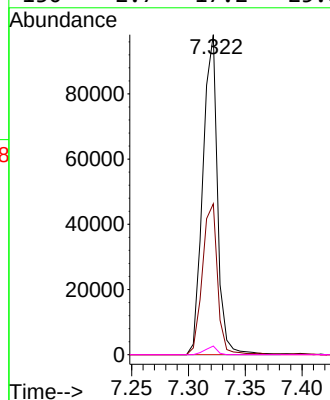
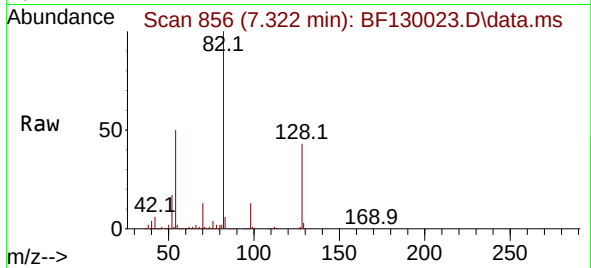




#19
n-Nitroso-di-n-propylamine
Concen: 14.334 ng
RT: 7.322 min Scan# 81
Delta R.T. 0.141 min
Lab File: BF130023.D
Acq: 26 Aug 2022 17:23

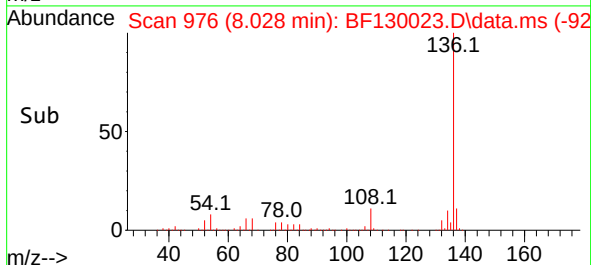
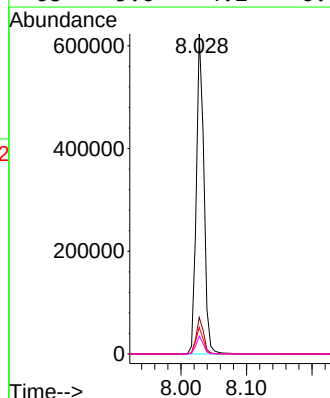
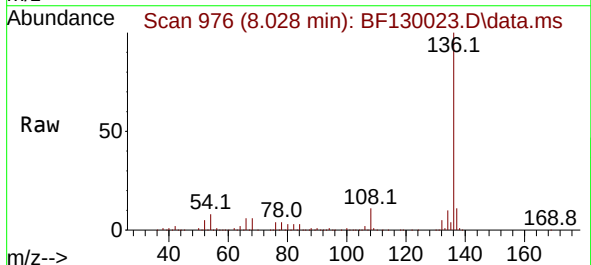
Instrument :
BNA_F
ClientSampleId :
SASP2-T-4-(0-5)

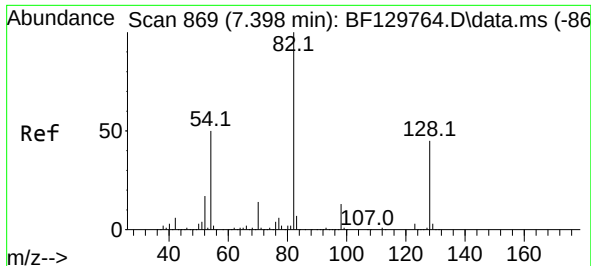
Tgt Ion: 70 Resp: 88431
Ion Ratio Lower Upper
70 100
42 47.1 47.6 71.4#
101 0.0 8.1 12.1#
130 2.7 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.028 min Scan# 976
Delta R.T. -0.012 min
Lab File: BF130023.D
Acq: 26 Aug 2022 17:23

Tgt Ion:136 Resp: 502281
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 8.4 6.2 9.2
68 5.6 4.2 6.4

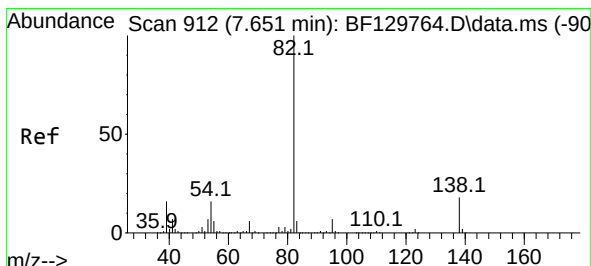
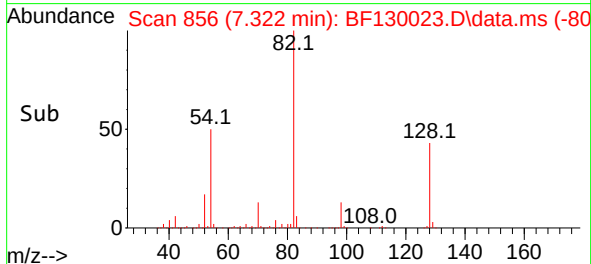
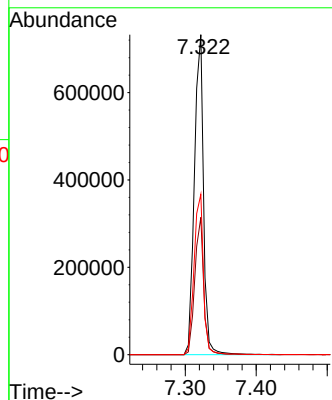
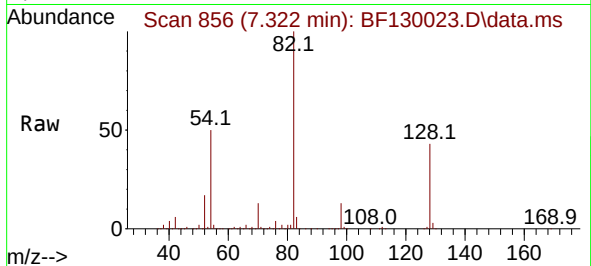




#23
Nitrobenzene-d5
Concen: 70.012 ng
RT: 7.322 min Scan# 856
Delta R.T. -0.012 min
Lab File: BF130023.D
Acq: 26 Aug 2022 17:23

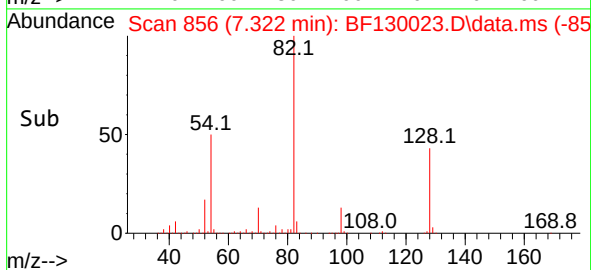
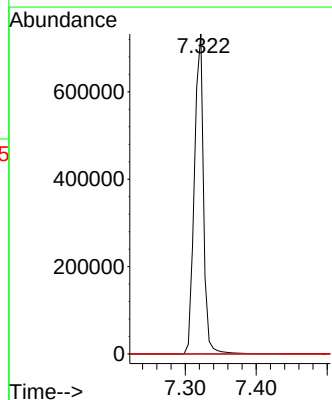
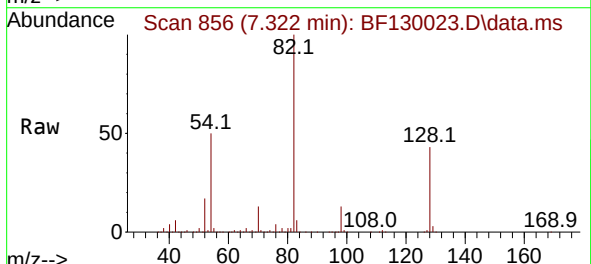
Instrument :
BNA_F
ClientSampleId :
SASP2-T-4-(0-5)

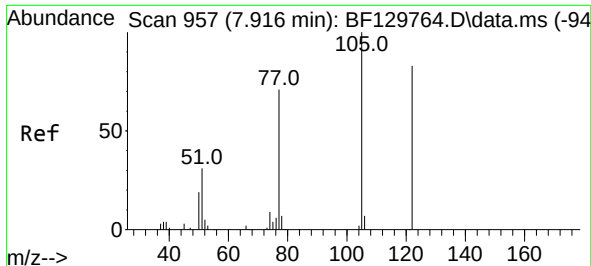
Tgt Ion: 82 Resp: 656910
Ion Ratio Lower Upper
82 100
128 42.9 36.1 54.1
54 50.1 40.0 60.0



#25
Isophorone
Concen: 40.677 ng
RT: 7.322 min Scan# 856
Delta R.T. -0.265 min
Lab File: BF130023.D
Acq: 26 Aug 2022 17:23

Tgt Ion: 82 Resp: 656910
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

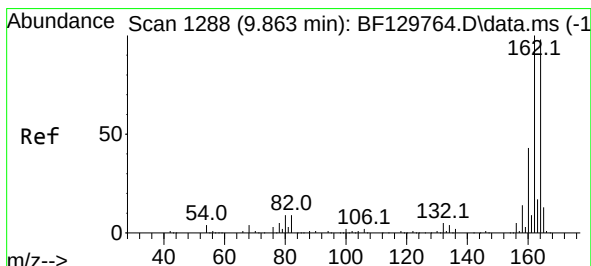
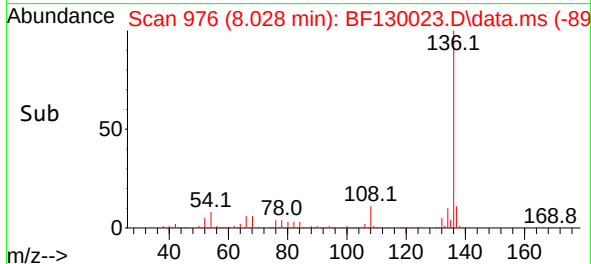
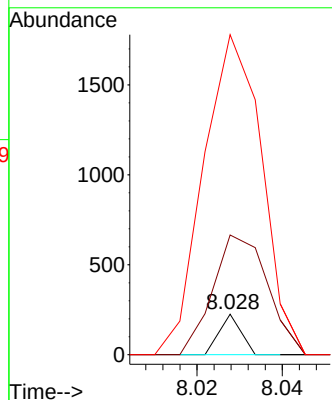
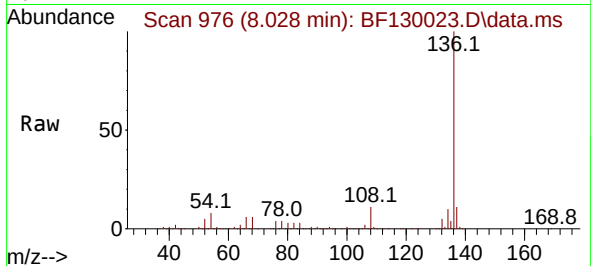




#32
Benzoic acid
Concen: 2.183 ng
RT: 8.028 min Scan# 91
Delta R.T. 0.165 min
Lab File: BF130023.D
Acq: 26 Aug 2022 17:23

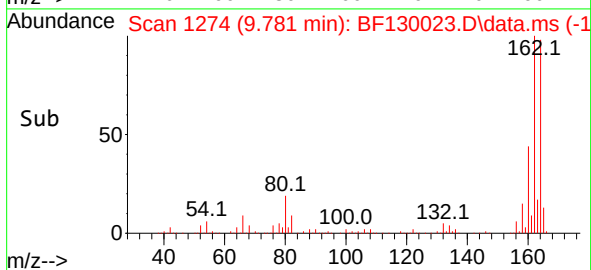
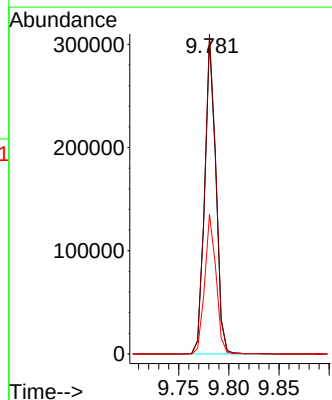
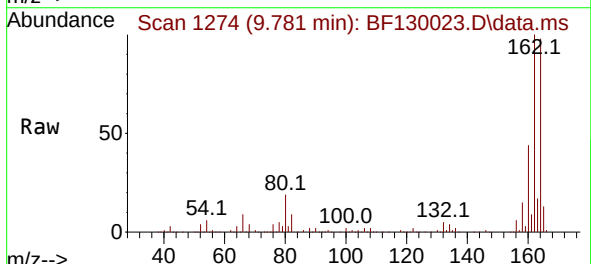
Instrument :
BNA_F
ClientSampleId :
SASP2-T-4-(0-5)

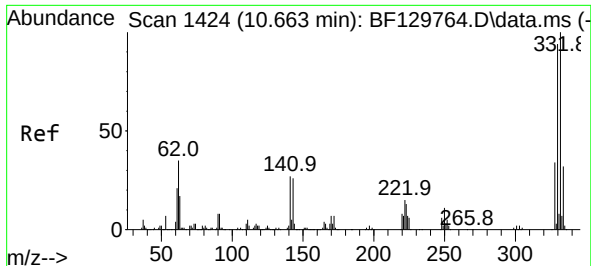
Tgt Ion:122 Resp: 79
Ion Ratio Lower Upper
122 100
105 296.0 99.9 139.9#
77 790.7 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.781 min Scan# 1274
Delta R.T. -0.012 min
Lab File: BF130023.D
Acq: 26 Aug 2022 17:23

Tgt Ion:164 Resp: 237660
Ion Ratio Lower Upper
164 100
162 101.8 82.0 123.0
160 44.5 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 78.267 ng

RT: 10.581 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF130023.D

Acq: 26 Aug 2022 17:23

Instrument :

BNA_F

ClientSampleId :

SASP2-T-4-(0-5)

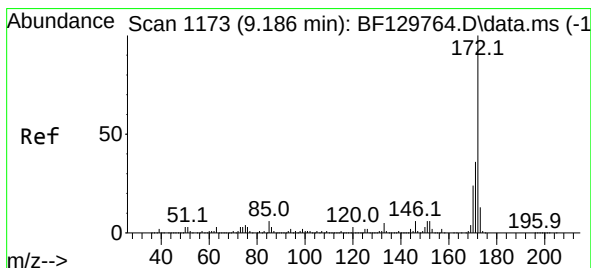
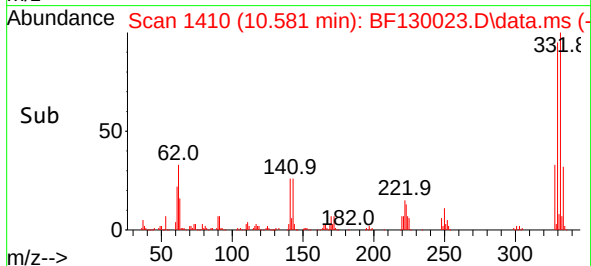
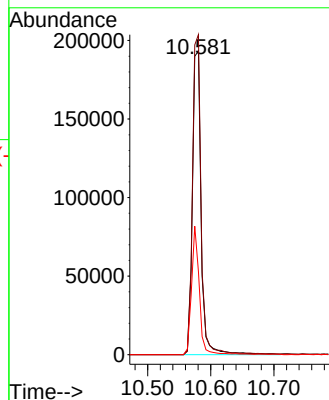
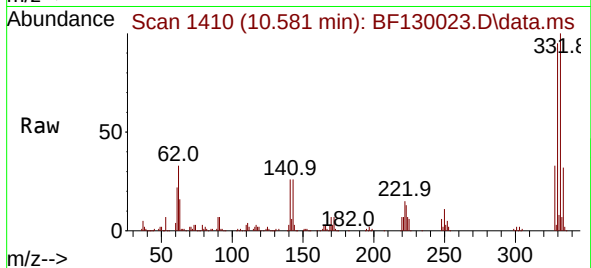
Tgt Ion:330 Resp: 186688

Ion Ratio Lower Upper

330 100

332 103.4 82.6 124.0

141 37.8 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 72.654 ng

RT: 9.104 min Scan# 1159

Delta R.T. -0.012 min

Lab File: BF130023.D

Acq: 26 Aug 2022 17:23

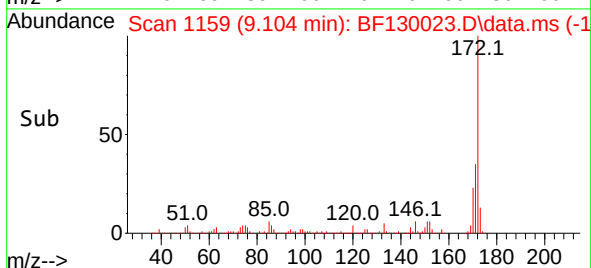
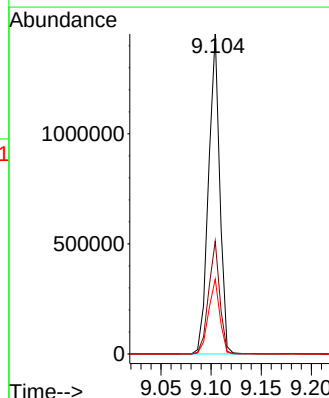
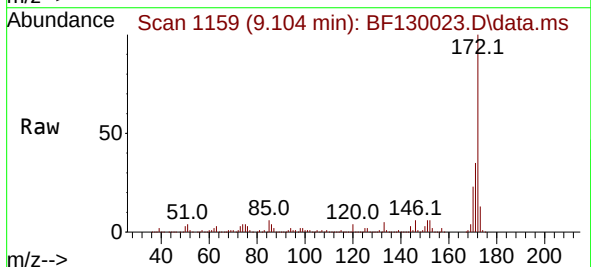
Tgt Ion:172 Resp: 1136879

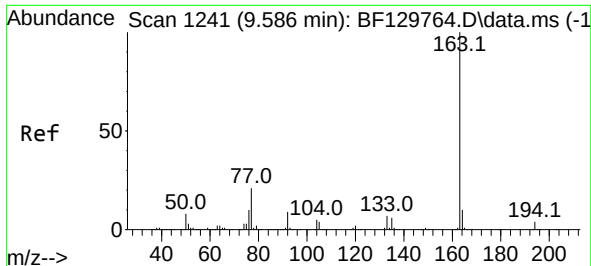
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.4 19.1 28.7

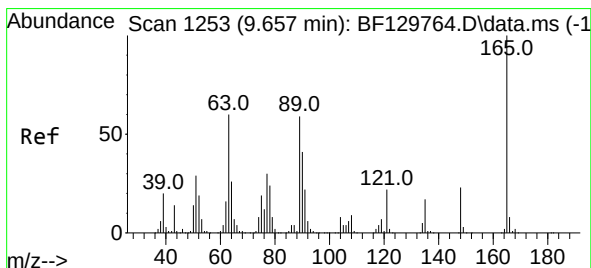
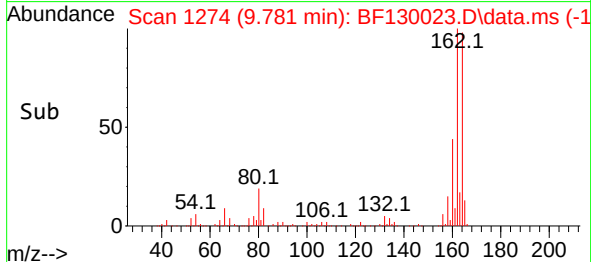
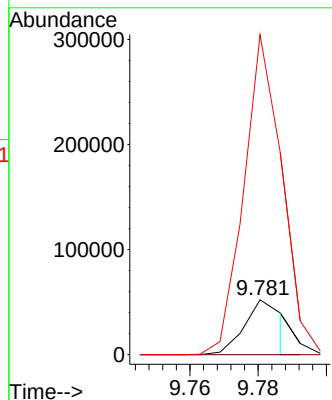
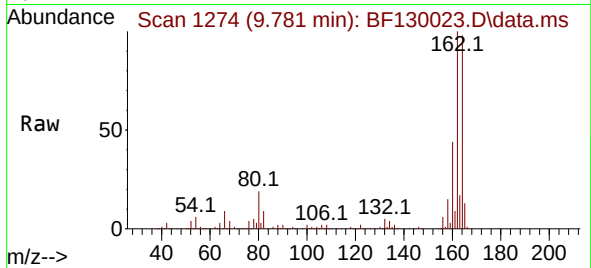




#50
Dimethylphthalate
Concen: 2.373 ng
RT: 9.781 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF130023.D
Acq: 26 Aug 2022 17:23

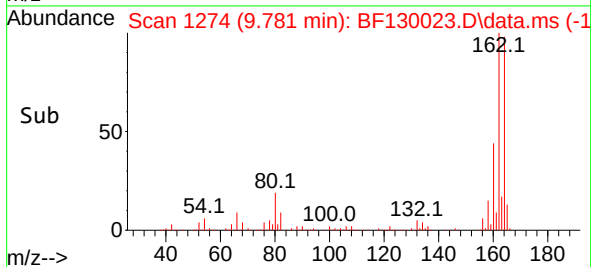
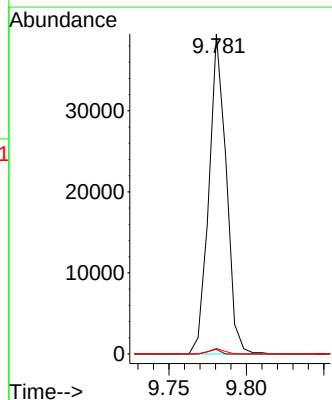
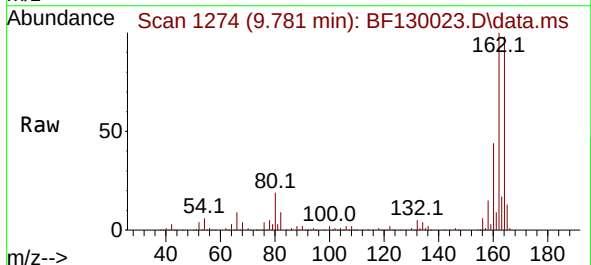
Instrument :
BNA_F
ClientSampleId :
SASP2-T-4-(0-5)

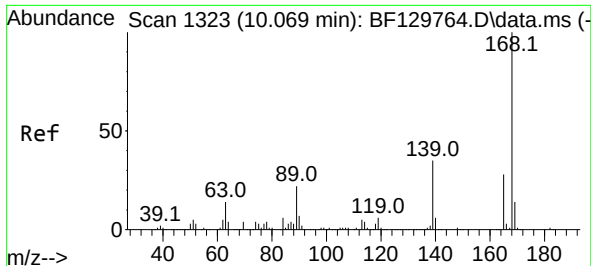
Tgt Ion:163 Resp: 40437
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 583.1 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.288 ng
RT: 9.781 min Scan# 1274
Delta R.T. 0.188 min
Lab File: BF130023.D
Acq: 26 Aug 2022 17:23

Tgt Ion:165 Resp: 30631
Ion Ratio Lower Upper
165 100
63 1.4 47.8 71.8#
89 1.7 47.2 70.8#

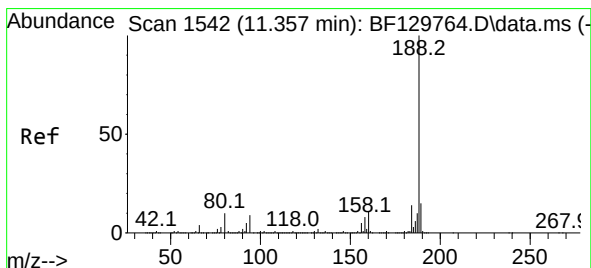
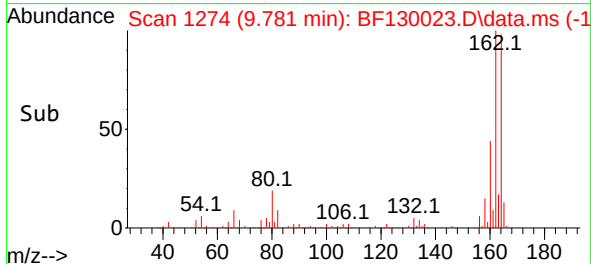
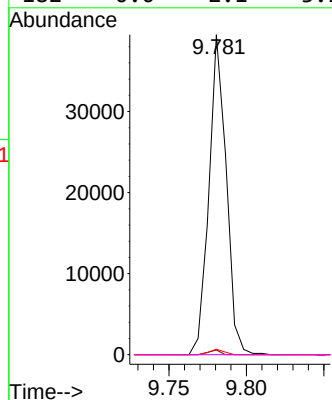
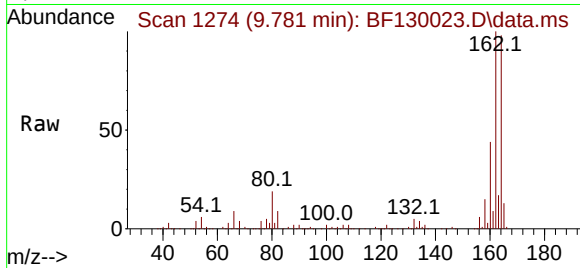




#57
2,4-Dinitrotoluene
Concen: 6.385 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.223 min
Lab File: BF130023.D
Acq: 26 Aug 2022 17:23

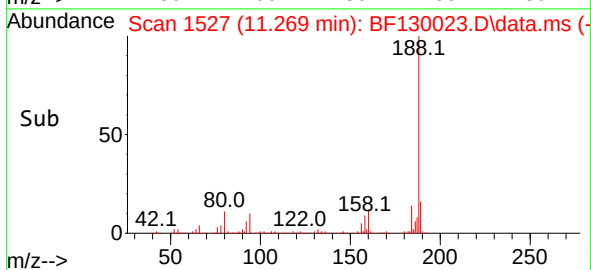
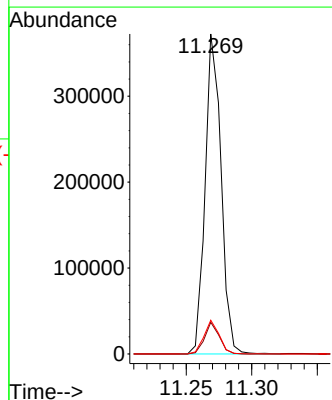
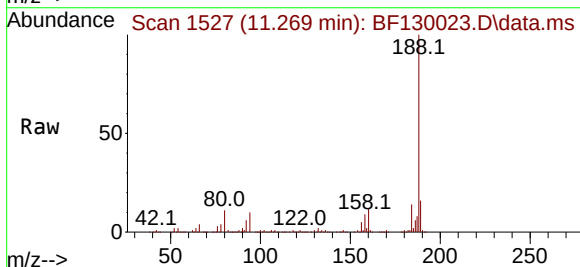
Instrument :
BNA_F
ClientSampleId :
SASP2-T-4-(0-5)

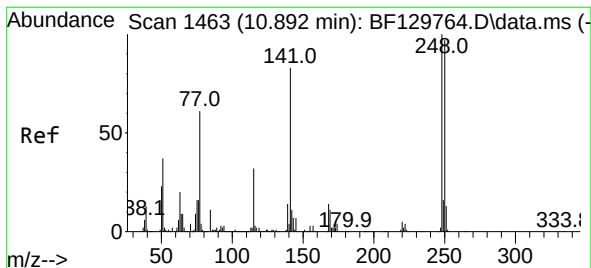
Tgt Ion:165	Resp:	30631
Ion Ratio	Lower	Upper
165	100	
63	1.4	48.4 72.6#
89	1.7	62.3 93.5#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 1527
Delta R.T. -0.012 min
Lab File: BF130023.D
Acq: 26 Aug 2022 17:23

Tgt Ion:188	Resp:	315945
Ion Ratio	Lower	Upper
188	100	
94	9.9	7.4 11.2
80	10.6	7.9 11.9

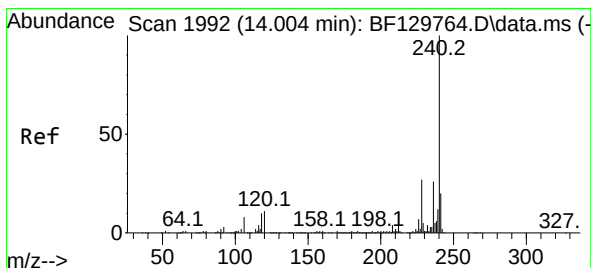
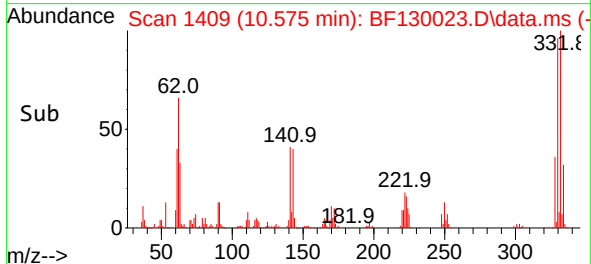
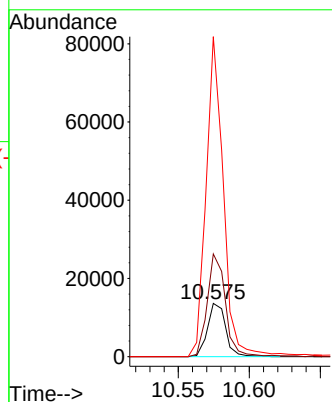
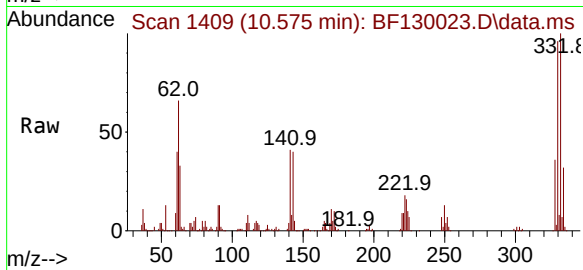




#67
4-Bromophenyl-phenylether
Concen: 3.281 ng
RT: 10.575 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF130023.D
Acq: 26 Aug 2022 17:23

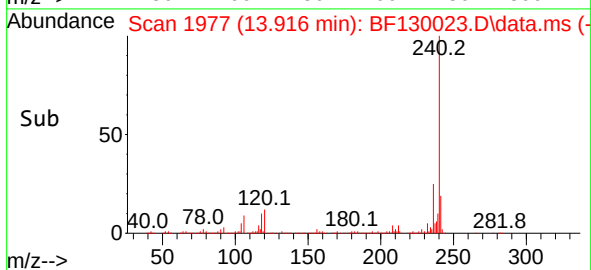
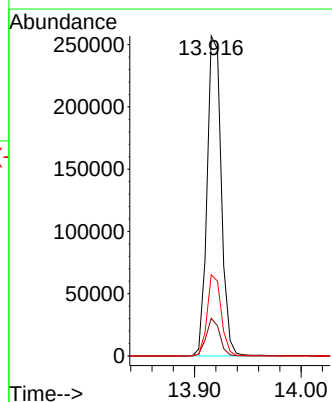
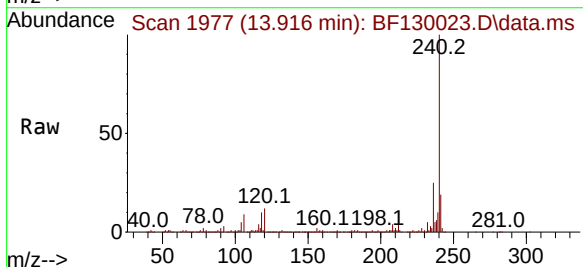
Instrument :
BNA_F
ClientSampleId :
SASP2-T-4-(0-5)

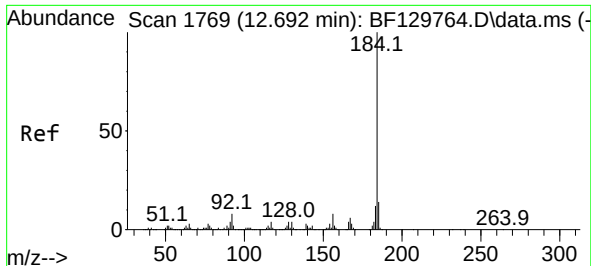
Tgt Ion:248 Resp: 12143
Ion Ratio Lower Upper
248 100
250 192.9 77.8 116.6#
141 600.7 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.916 min Scan# 1977
Delta R.T. -0.012 min
Lab File: BF130023.D
Acq: 26 Aug 2022 17:23

Tgt Ion:240 Resp: 238606
Ion Ratio Lower Upper
240 100
120 11.8 9.2 13.8
236 25.4 20.7 31.1

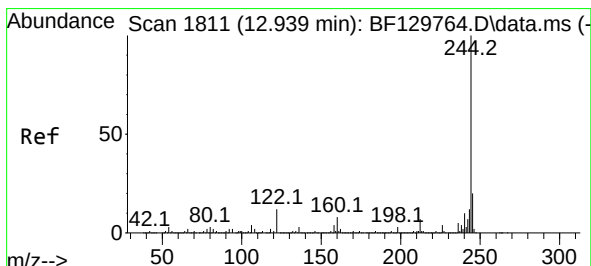
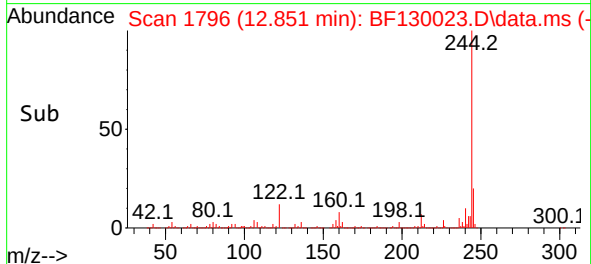
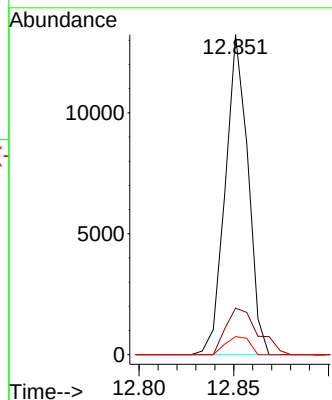
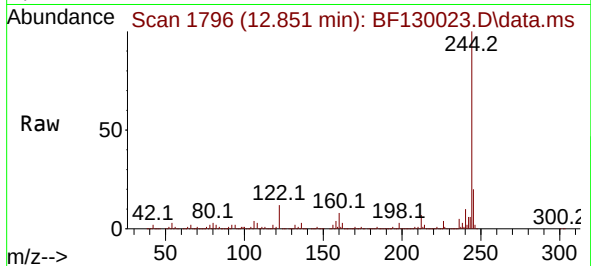




#77
Benzidine
Concen: Below Cal
RT: 12.851 min Scan# 1796
Delta R.T. 0.229 min
Lab File: BF130023.D
Acq: 26 Aug 2022 17:23

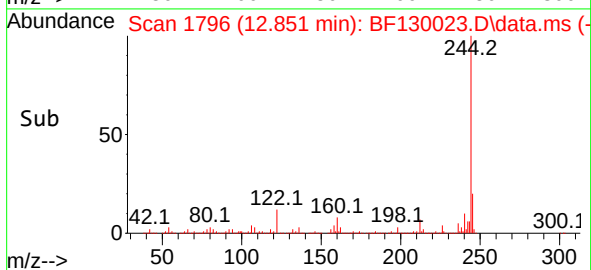
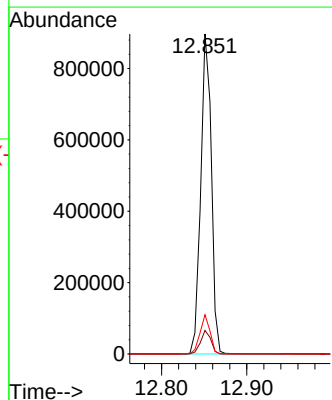
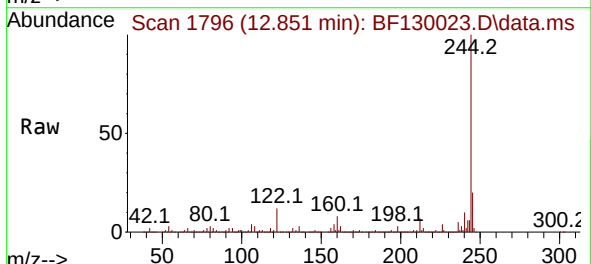
Instrument :
BNA_F
ClientSampleId :
SASP2-T-4-(0-5)

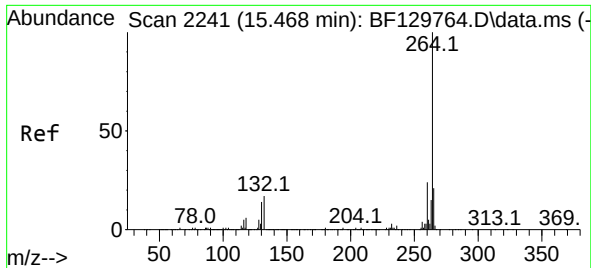
Tgt Ion:184 Resp: 11003
Ion Ratio Lower Upper
184 100
185 14.6 11.4 17.2
183 5.6 9.4 14.2#



#79
Terphenyl-d14
Concen: 54.163 ng
RT: 12.851 min Scan# 1796
Delta R.T. -0.012 min
Lab File: BF130023.D
Acq: 26 Aug 2022 17:23

Tgt Ion:244 Resp: 776696
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 12.3 9.9 14.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.363 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF130023.D
 Acq: 26 Aug 2022 17:23

Instrument :
 BNA_F
 ClientSampleId :
 SASP2-T-4-(0-5)

Tgt Ion:264 Resp: 253210
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.1 28.7
 265 22.4 16.7 25.1

