

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091922\
 Data File : BF130322.D
 Acq On : 19 Sep 2022 15:52
 Operator : CG\JU
 Sample : N4613-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SASP2-T-6-(25-37)

Quant Time: Sep 20 02:24:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 15:06:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.657	152	86394	20.000	ng	0.00
21) Naphthalene-d8	7.939	136	340773	20.000	ng	0.00
39) Acenaphthene-d10	9.686	164	177523	20.000	ng	0.00
64) Phenanthrene-d10	11.169	188	280442	20.000	ng	0.00
76) Chrysene-d12	13.792	240	137022	20.000	ng	-0.01
86) Perylene-d12	15.180	264	166603	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	791927	158.989	ng	0.00
7) Phenol-d6	6.298	99	995985	159.807	ng	0.00
23) Nitrobenzene-d5	7.228	82	624158	93.573	ng	0.00
42) 2,4,6-Tribromophenol	10.475	330	293555	172.577	ng	0.00
45) 2-Fluorobiphenyl	9.022	172	1176036	96.468	ng	0.00
79) Terphenyl-d14	12.757	244	896825	108.419	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.228	70	85090	20.233	ng	# 75
25) Isophorone	7.228	82	621886	57.845	ng	# 66
51) 2,6-Dinitrotoluene	9.686	165	23246	9.064	ng	# 16
57) 2,4-Dinitrotoluene	9.686	165	23246	7.092	ng	# 16
67) 4-Bromophenyl-phenylether	10.475	248	18139	5.863	ng	# 1
77) Benzidine	12.757	184	13674	3.438	ng	# 94
80) Butylbenzylphthalate	13.233	149	19506	4.393	ng	# 92
81) Benzo(a)anthracene	13.786	228	39584	4.343	ng	99
83) Chrysene	13.816	228	41686	4.816	ng	98
84) Bis(2-ethylhexyl)phtha...	13.792	149	29141	5.729	ng	# 99
85) Di-n-octyl phthalate	14.404	149	28892	3.714	ng	# 97
88) Benzo(b)fluoranthene	14.792	252	22407	2.061	ng	99

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

BNA F

ClientSampleId :

SASP2-T-6-(25-37)

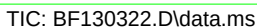
Quant Time: Sep 20 02:24:42 2022

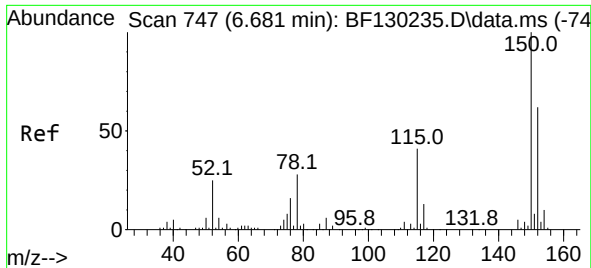
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Sep 19 15:06:14 2022

Response via : Initial Calibration

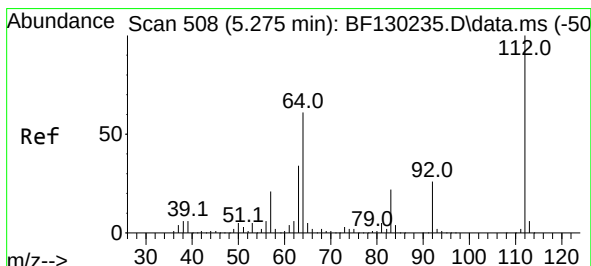
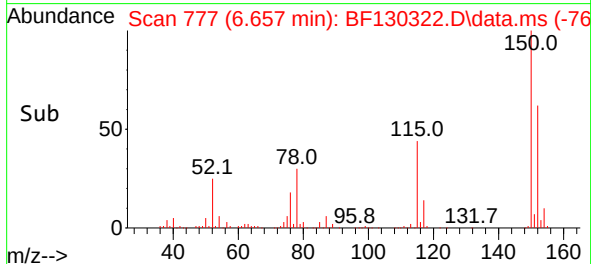
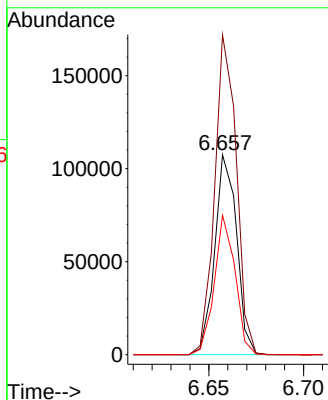
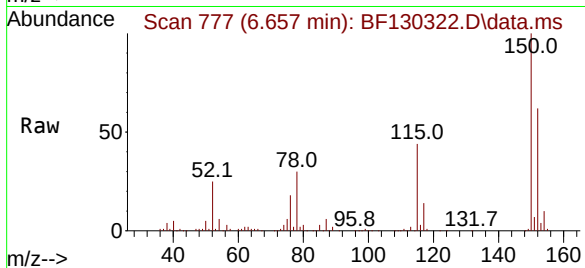




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130322.D
Acq: 19 Sep 2022 15:52

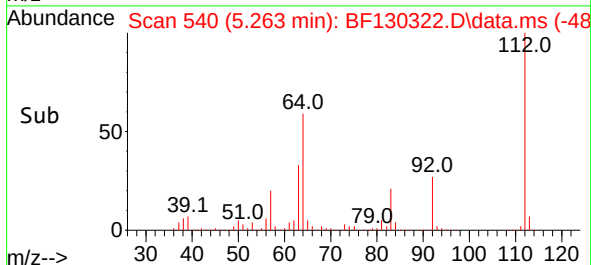
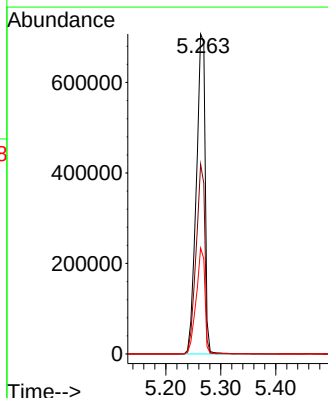
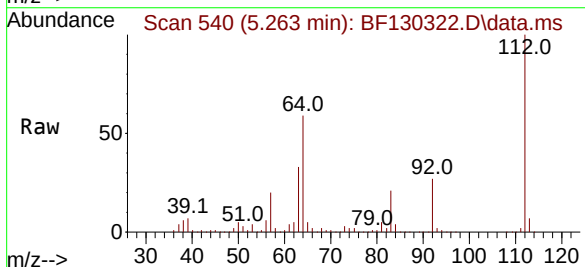
Instrument :
BNA_F
ClientSampleId :
SASP2-T-6-(25-37)

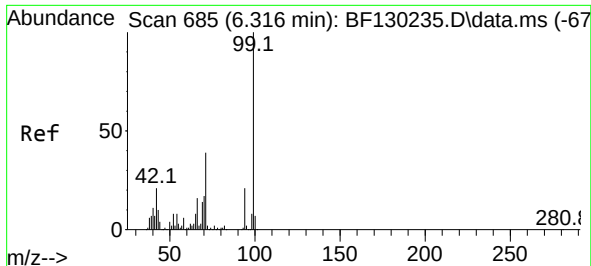
Tgt Ion:152 Resp: 86394
Ion Ratio Lower Upper
152 100
150 160.2 122.8 184.2
115 69.9 53.8 80.8



#5
2-Fluorophenol
Concen: 158.989 ng
RT: 5.263 min Scan# 540
Delta R.T. 0.006 min
Lab File: BF130322.D
Acq: 19 Sep 2022 15:52

Tgt Ion:112 Resp: 791927
Ion Ratio Lower Upper
112 100
64 59.3 51.4 77.0
63 33.1 28.8 43.2

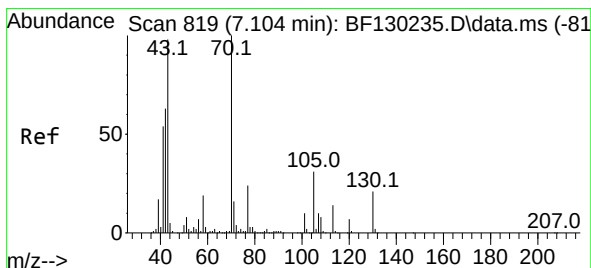
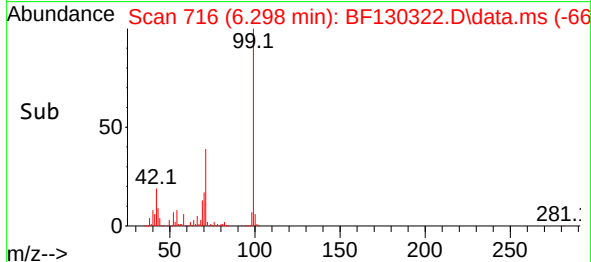
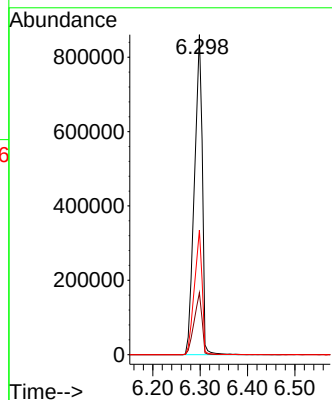
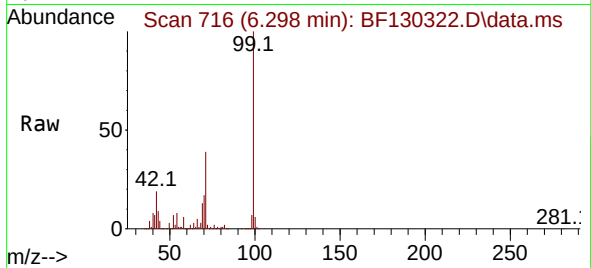




#7
Phenol-d6
Concen: 159.807 ng
RT: 6.298 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130322.D
Acq: 19 Sep 2022 15:52

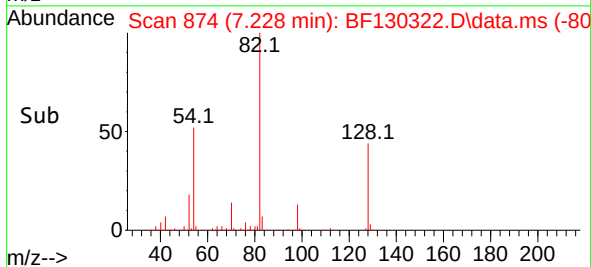
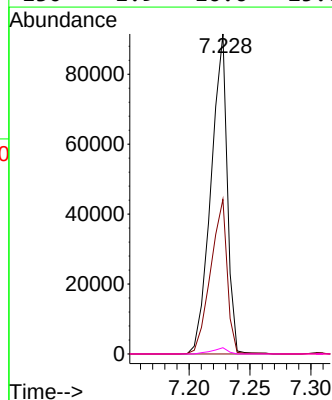
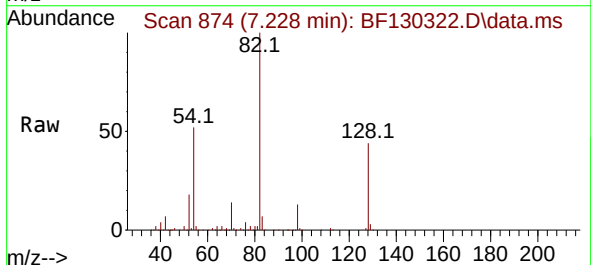
Instrument :
BNA_F
ClientSampleId :
SASP2-T-6-(25-37)

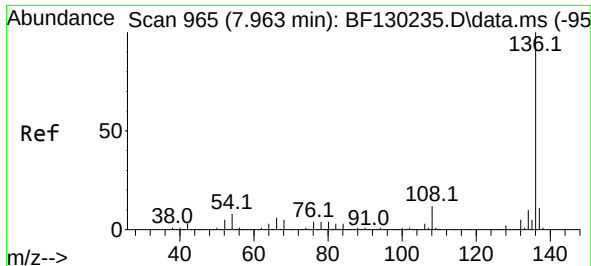
Tgt Ion: 99 Resp: 995985
Ion Ratio Lower Upper
99 100
42 19.3 17.0 25.6
71 39.0 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 20.233 ng
RT: 7.228 min Scan# 874
Delta R.T. 0.135 min
Lab File: BF130322.D
Acq: 19 Sep 2022 15:52

Tgt Ion: 70 Resp: 85090
Ion Ratio Lower Upper
70 100
42 48.3 50.8 76.2#
101 0.0 8.2 12.4#
130 1.9 16.6 25.0#

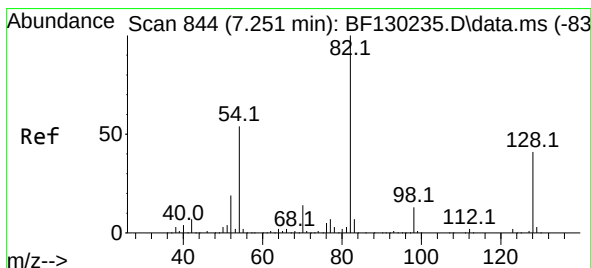
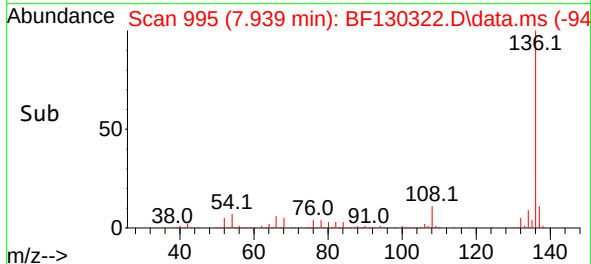
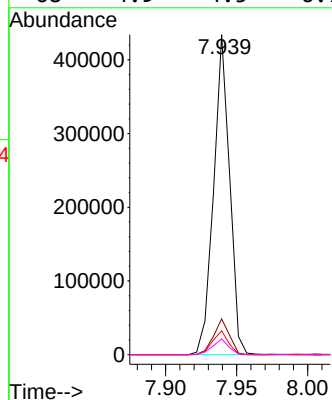
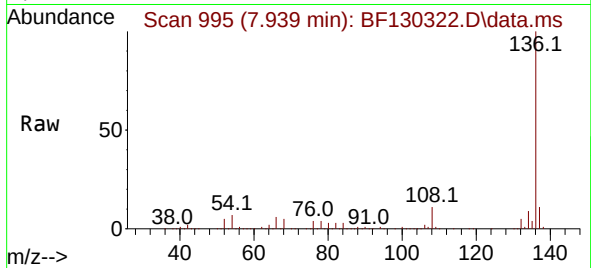




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.939 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130322.D
Acq: 19 Sep 2022 15:52

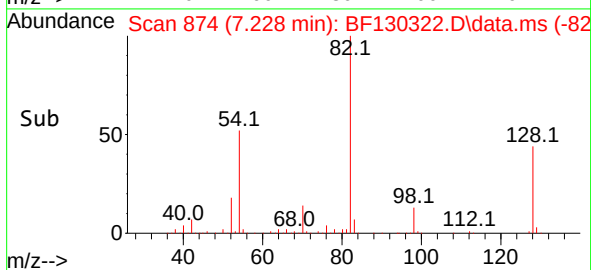
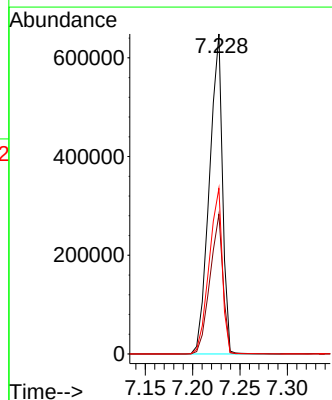
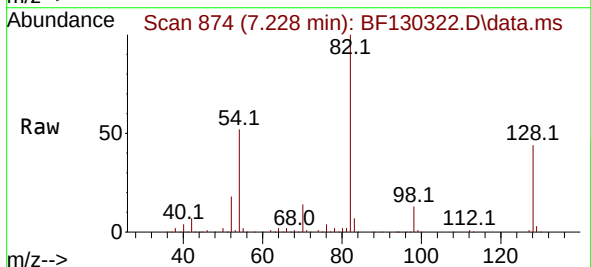
Instrument :
BNA_F
ClientSampleId :
SASP2-T-6-(25-37)

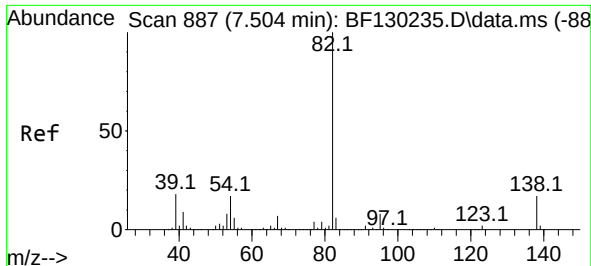
Tgt Ion:136	Resp: 340773
Ion Ratio	Lower Upper
136 100	
137 11.2	9.1 13.7
54 7.4	7.1 10.7
68 4.9	4.5 6.7



#23
Nitrobenzene-d5
Concen: 93.573 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF130322.D
Acq: 19 Sep 2022 15:52

Tgt Ion: 82	Resp: 624158
Ion Ratio	Lower Upper
82 100	
128 43.7	32.6 49.0
54 51.8	43.8 65.6

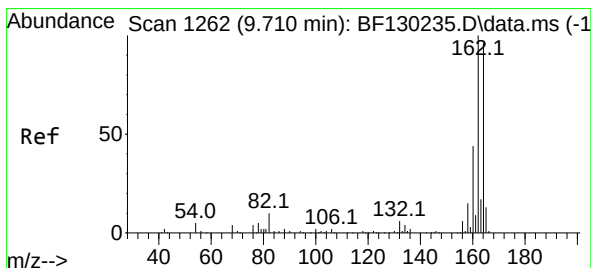
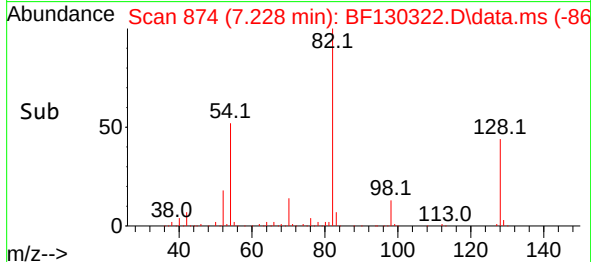
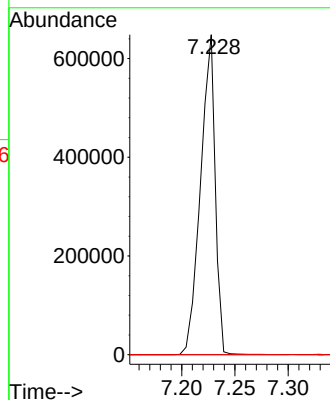
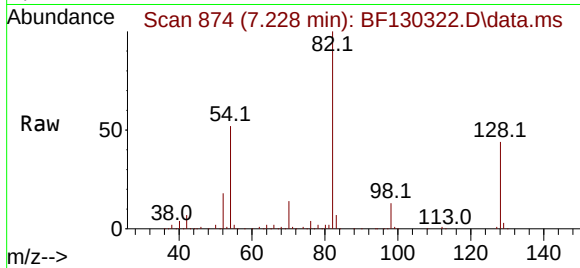




#25
Isophorone
Concen: 57.845 ng
RT: 7.228 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF130322.D
Acq: 19 Sep 2022 15:52

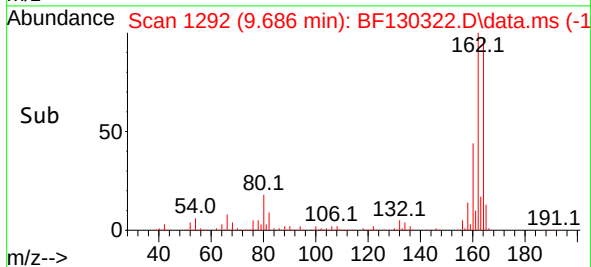
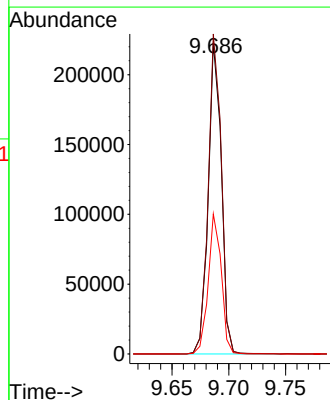
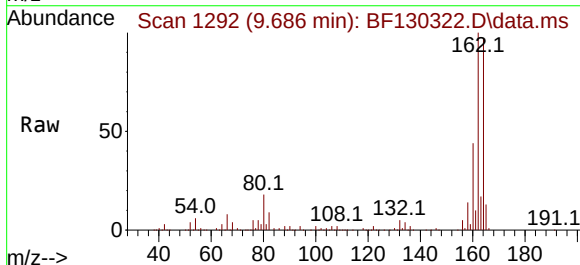
Instrument :
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ClientSampleId :
SASP2-T-6-(25-37)

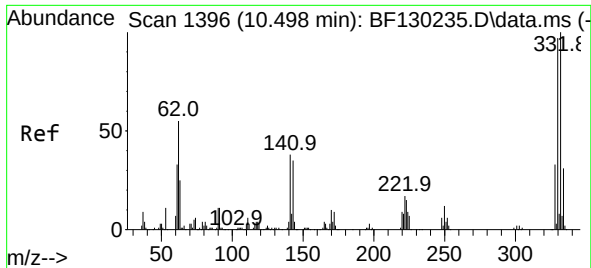
Tgt Ion: 82 Resp: 621886
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF130322.D
Acq: 19 Sep 2022 15:52

Tgt Ion: 164 Resp: 177523
Ion Ratio Lower Upper
164 100
162 102.8 81.4 122.0
160 45.0 36.2 54.4

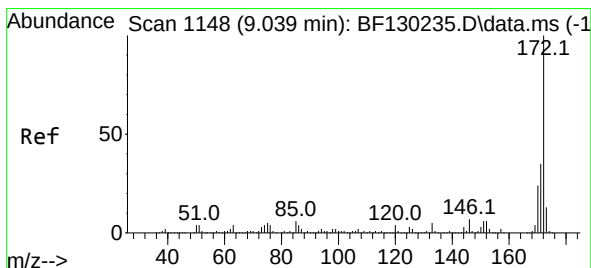
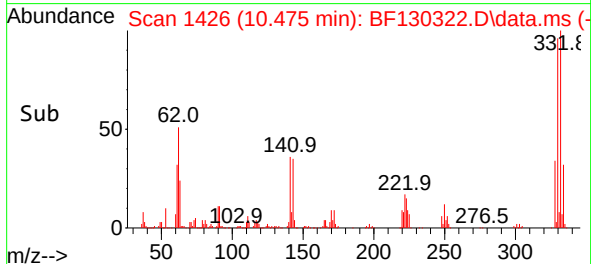
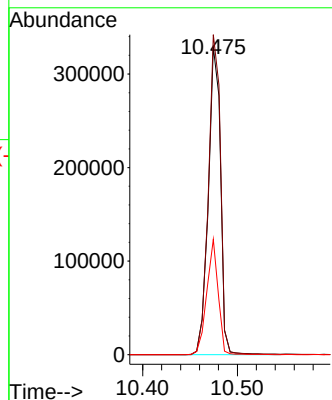
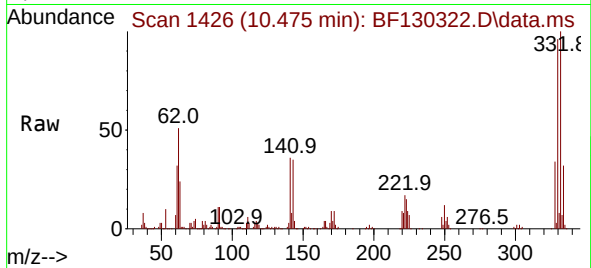




#42
2,4,6-Tribromophenol
Concen: 172.577 ng
RT: 10.475 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF130322.D
Acq: 19 Sep 2022 15:52

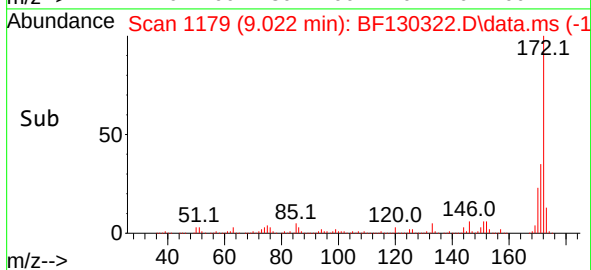
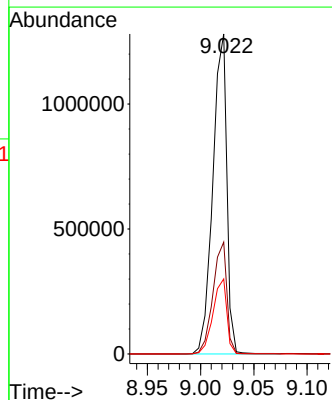
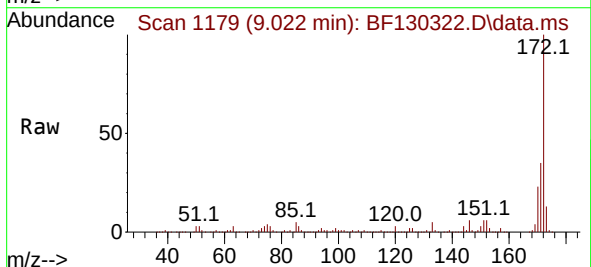
Instrument :
BNA_F
ClientSampleId :
SASP2-T-6-(25-37)

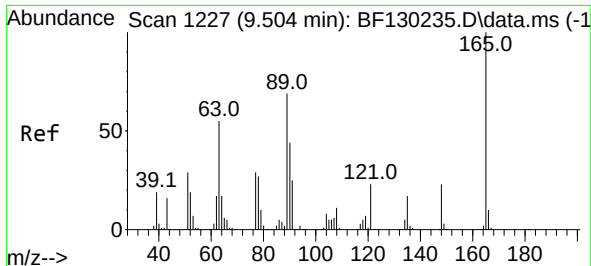
Tgt Ion:330 Resp: 293555
Ion Ratio Lower Upper
330 100
332 103.6 83.4 125.2
141 35.2 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 96.468 ng
RT: 9.022 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF130322.D
Acq: 19 Sep 2022 15:52

Tgt Ion:172 Resp: 1176036
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 23.5 18.7 28.1

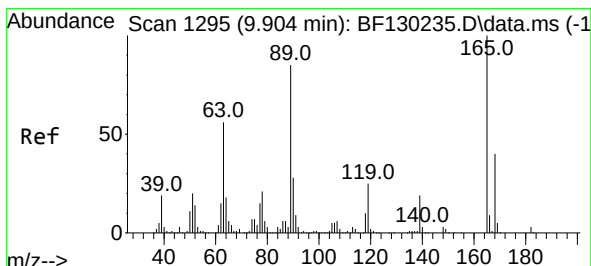
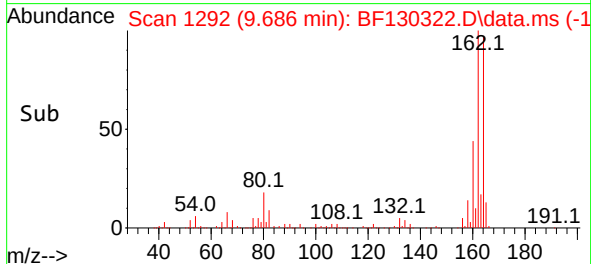
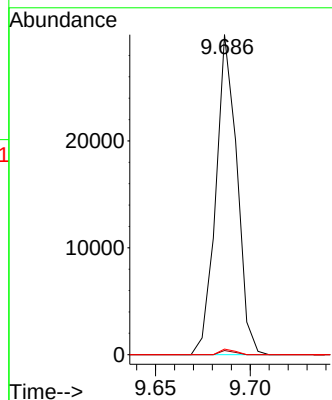
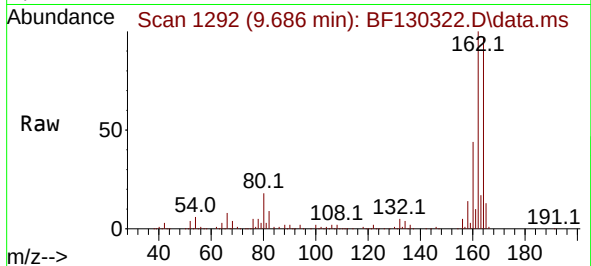




#51
2,6-Dinitrotoluene
Concen: 9.064 ng
RT: 9.686 min Scan# 1292
Delta R.T. 0.200 min
Lab File: BF130322.D
Acq: 19 Sep 2022 15:52

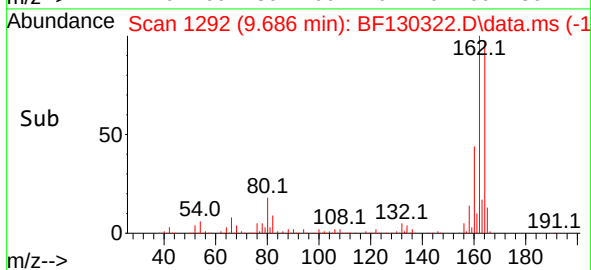
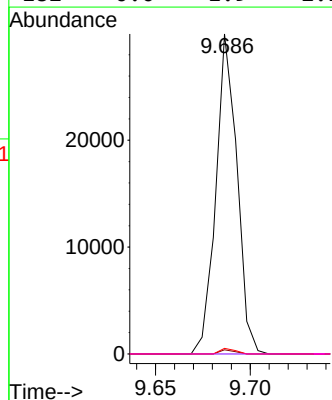
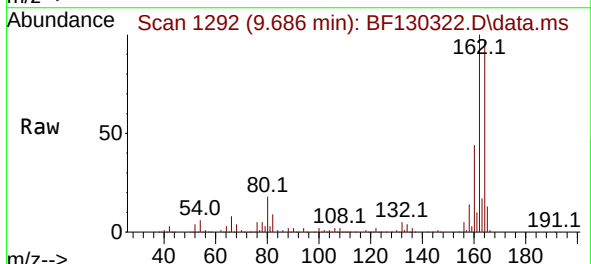
Instrument :
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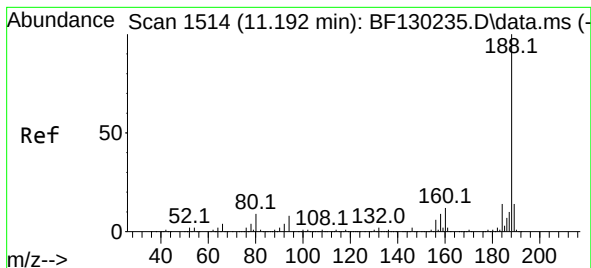
Tgt Ion:165 Resp: 23246
Ion Ratio Lower Upper
165 100
63 1.3 58.8 88.2#
89 1.8 54.5 81.7#



#57
2,4-Dinitrotoluene
Concen: 7.092 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.200 min
Lab File: BF130322.D
Acq: 19 Sep 2022 15:52

Tgt Ion:165 Resp: 23246
Ion Ratio Lower Upper
165 100
63 1.3 44.7 67.1#
89 1.8 69.0 103.4#
182 0.0 1.9 2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.169 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130322.D

Acq: 19 Sep 2022 15:52

Instrument :

BNA_F

ClientSampleId :

SASP2-T-6-(25-37)

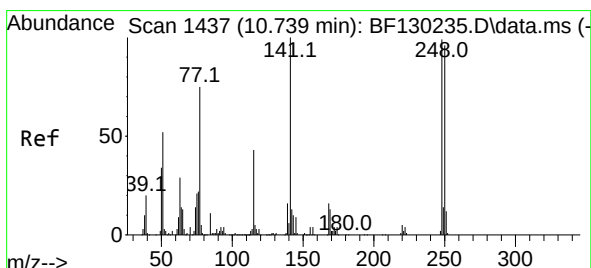
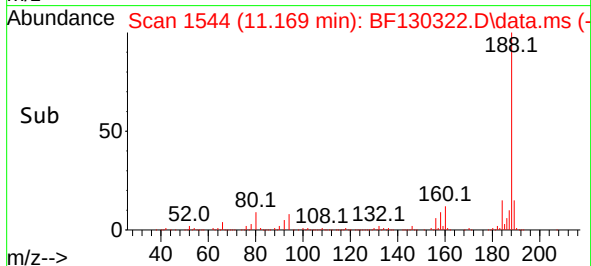
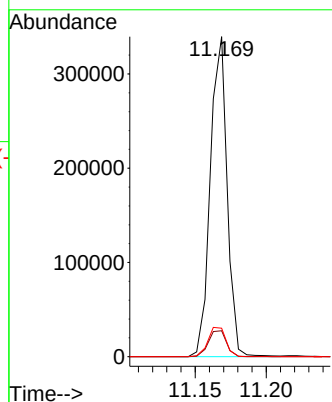
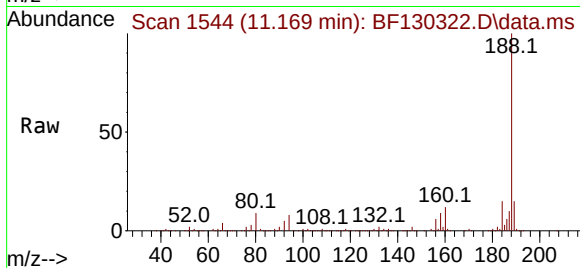
Tgt Ion:188 Resp: 280442

Ion Ratio Lower Upper

188 100

94 8.1 7.4 11.2

80 8.9 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 5.863 ng

RT: 10.475 min Scan# 1426

Delta R.T. -0.247 min

Lab File: BF130322.D

Acq: 19 Sep 2022 15:52

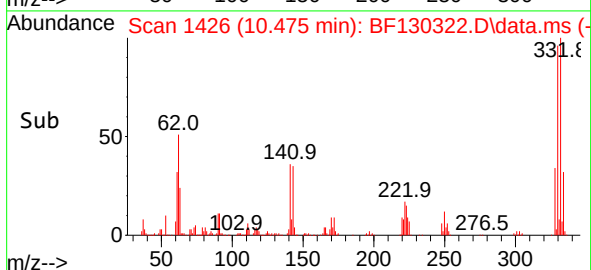
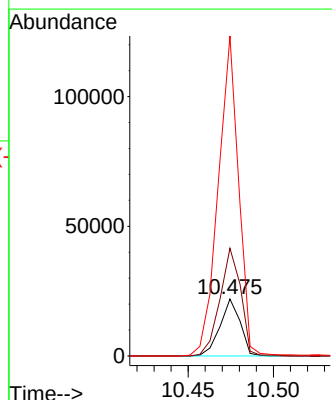
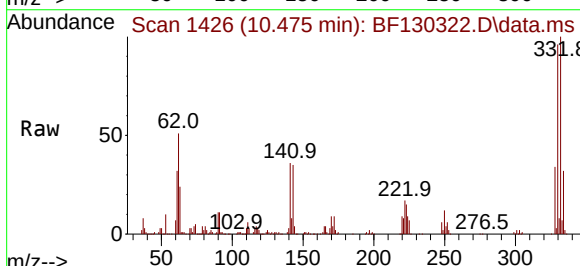
Tgt Ion:248 Resp: 18139

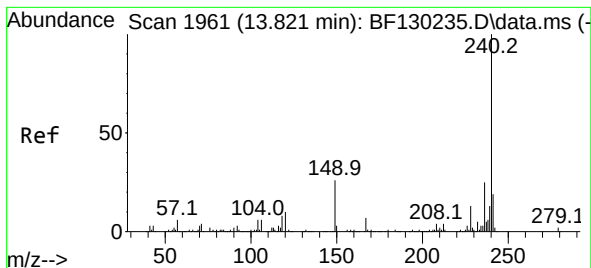
Ion Ratio Lower Upper

248 100

250 189.1 80.0 120.0#

141 561.7 68.5 102.7#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.792 min Scan# 1814

Delta R.T. -0.012 min

Lab File: BF130322.D

Acq: 19 Sep 2022 15:52

Instrument :

BNA_F

ClientSampleId :

SASP2-T-6-(25-37)

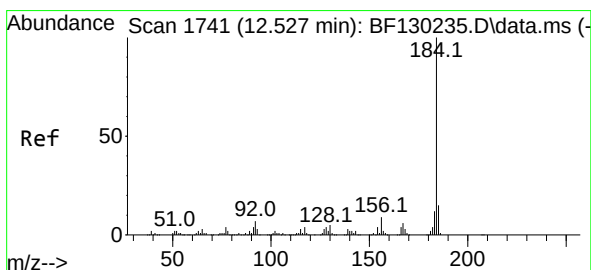
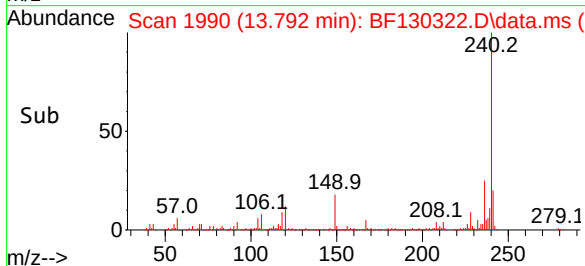
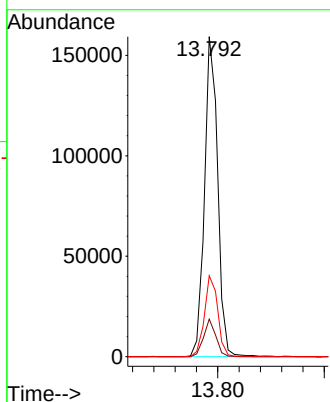
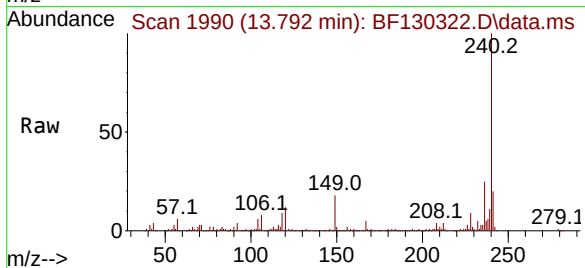
Tgt Ion:240 Resp: 137022

Ion Ratio Lower Upper

240 100

120 11.7 8.7 13.1

236 25.3 20.9 31.3



#77

Benzidine

Concen: 3.438 ng

RT: 12.757 min Scan# 1814

Delta R.T. 0.247 min

Lab File: BF130322.D

Acq: 19 Sep 2022 15:52

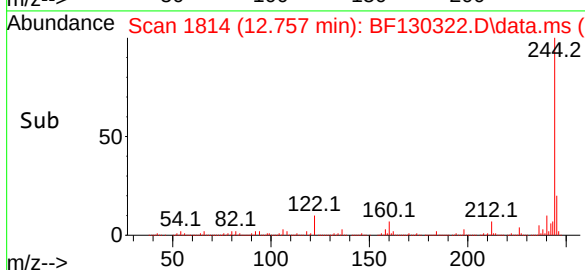
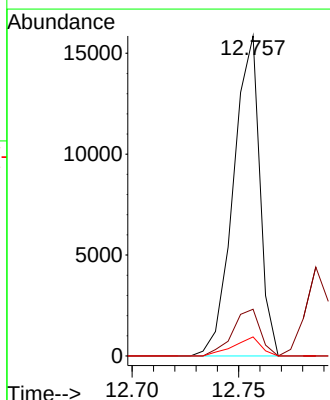
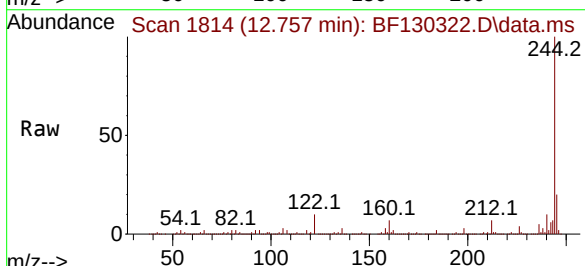
Tgt Ion:184 Resp: 13674

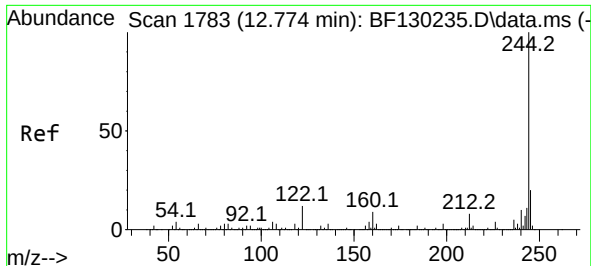
Ion Ratio Lower Upper

184 100

185 14.6 11.8 17.6

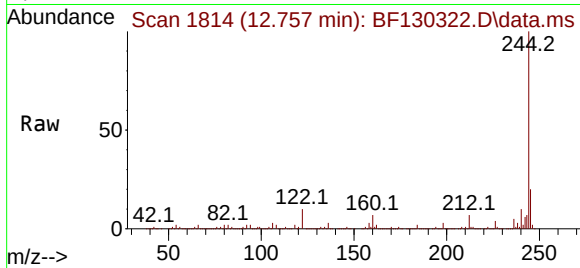
183 6.0 9.1 13.7#



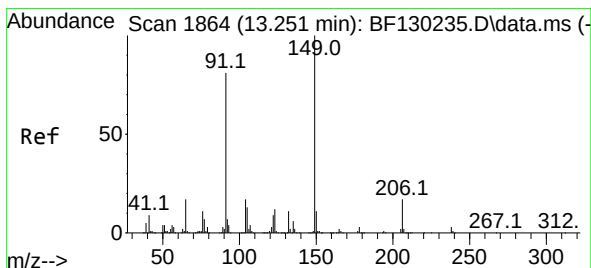
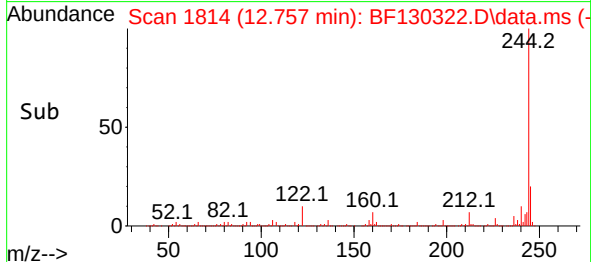
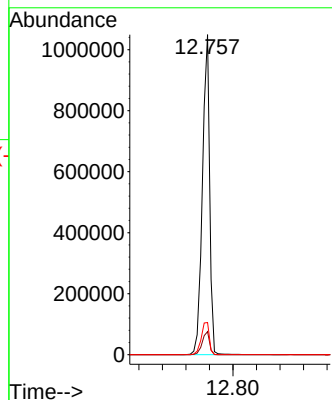


#79
 Terphenyl-d14
 Concen: 108.419 ng
 RT: 12.757 min Scan# 1814
 Delta R.T. 0.000 min
 Lab File: BF130322.D
 Acq: 19 Sep 2022 15:52

Instrument :
 BNA_F
 ClientSampleId :
 SASP2-T-6-(25-37)

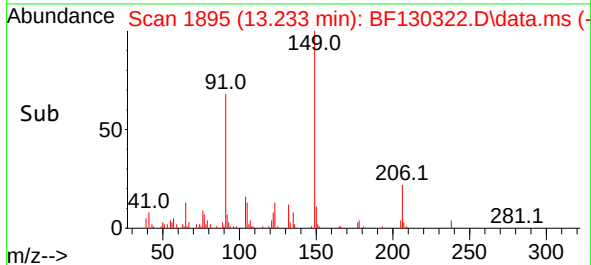
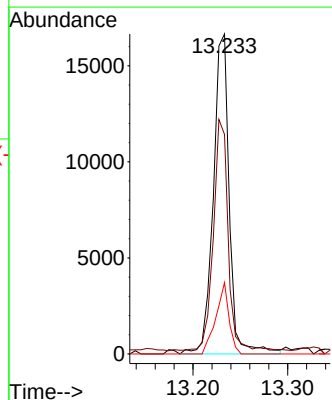
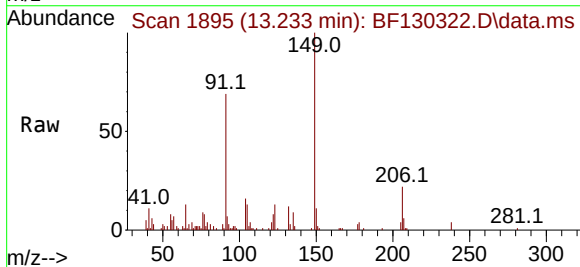


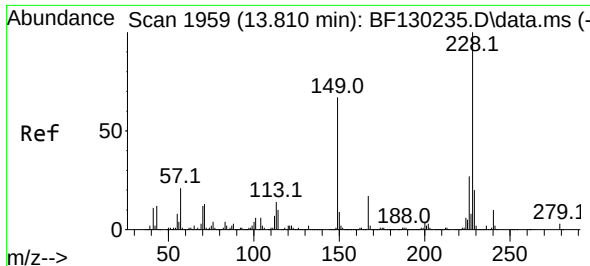
Tgt Ion:244 Resp: 896825
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 10.0 8.5 12.7



#80
 Butylbenzylphthalate
 Concen: 4.393 ng
 RT: 13.233 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: BF130322.D
 Acq: 19 Sep 2022 15:52

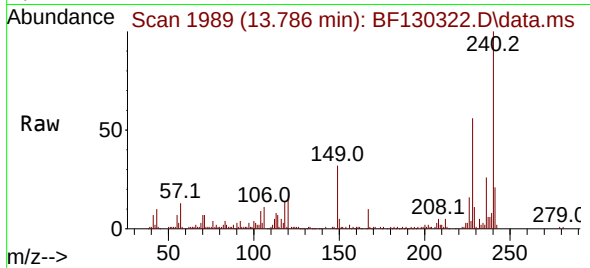
Tgt Ion:149 Resp: 19506
 Ion Ratio Lower Upper
 149 100
 91 68.6 59.8 89.8
 206 22.3 13.9 20.9#



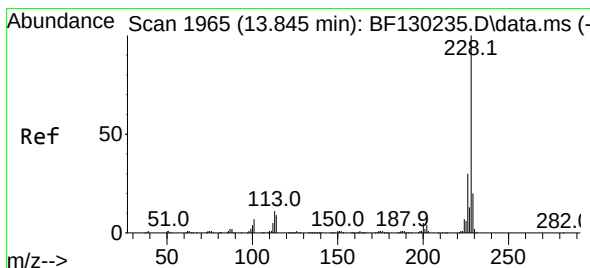
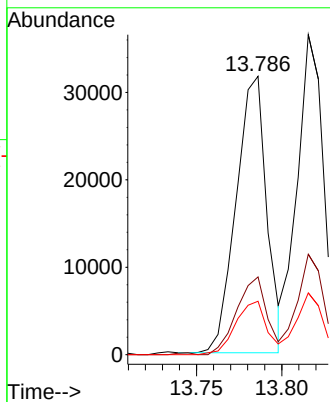
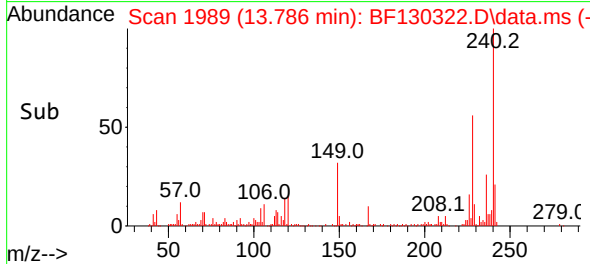


#81
Benzo(a)anthracene
Concen: 4.343 ng
RT: 13.786 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BF130322.D
Acq: 19 Sep 2022 15:52

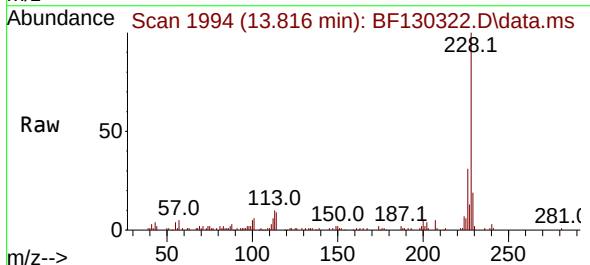
Instrument :
BNA_F
ClientSampleId :
SASP2-T-6-(25-37)



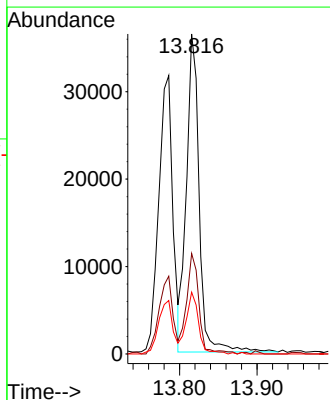
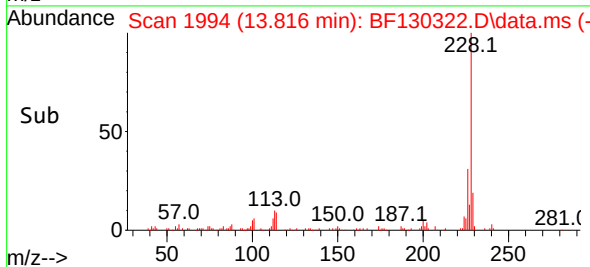
Tgt Ion:228 Resp: 39584
Ion Ratio Lower Upper
228 100
226 27.9 21.9 32.9
229 19.2 16.1 24.1

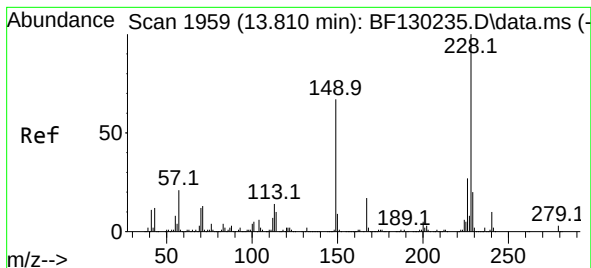


#83
Chrysene
Concen: 4.816 ng
RT: 13.816 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF130322.D
Acq: 19 Sep 2022 15:52



Tgt Ion:228 Resp: 41686
Ion Ratio Lower Upper
228 100
226 31.4 23.8 35.8
229 19.3 15.3 22.9

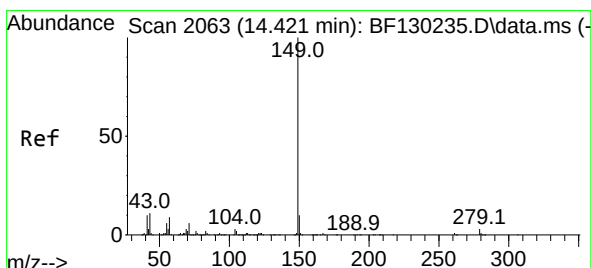
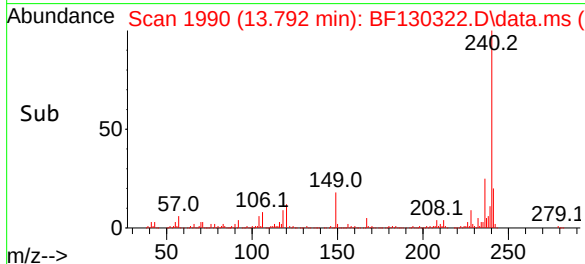
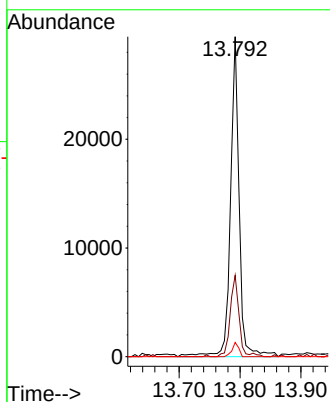
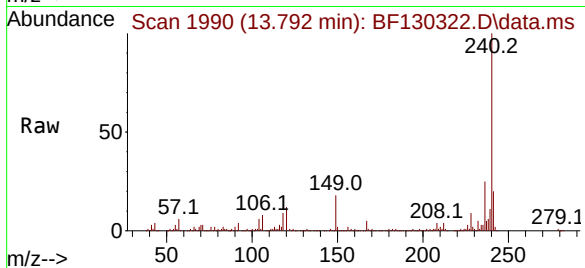




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.729 ng
 RT: 13.792 min Scan# 1990
 Delta R.T. 0.000 min
 Lab File: BF130322.D
 Acq: 19 Sep 2022 15:52

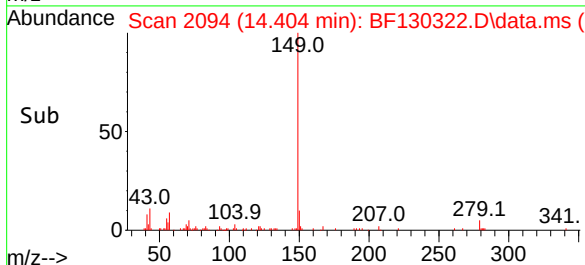
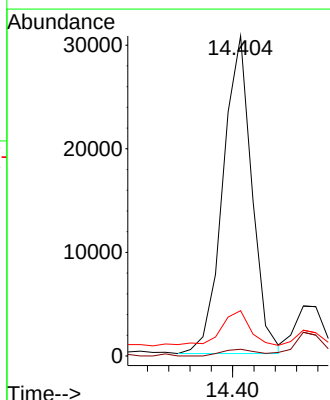
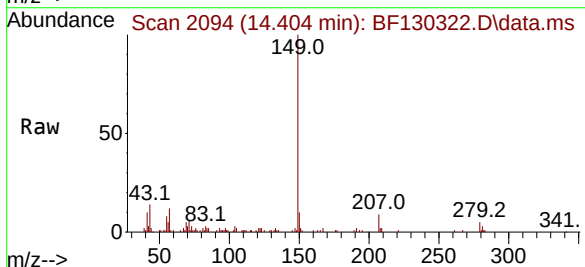
Instrument :
 BNA_F
 ClientSampleId :
 SASP2-T-6-(25-37)

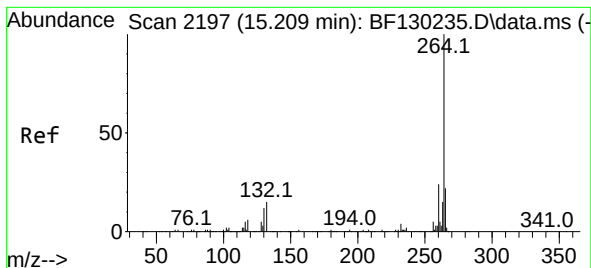
Tgt Ion:	149	Resp:	29141
Ion Ratio	Lower	Upper	
149	100		
167	25.4	20.5	30.7
279	4.4	2.9	4.3



#85
 Di-n-octyl phthalate
 Concen: 3.714 ng
 RT: 14.404 min Scan# 2094
 Delta R.T. 0.000 min
 Lab File: BF130322.D
 Acq: 19 Sep 2022 15:52

Tgt Ion:	149	Resp:	28892
Ion Ratio	Lower	Upper	
149	100		
167	2.6	1.2	1.8
43	12.2	8.7	13.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.180 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF130322.D

Acq: 19 Sep 2022 15:52

Instrument :

BNA_F

ClientSampleId :

SASP2-T-6-(25-37)

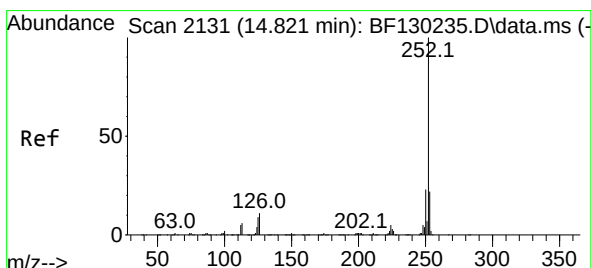
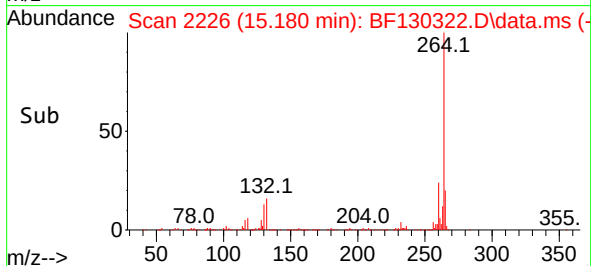
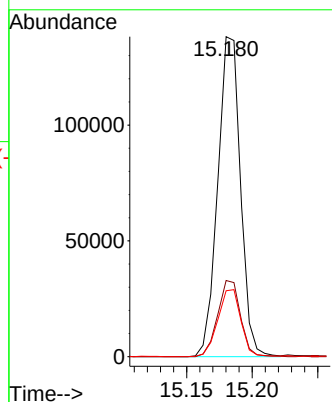
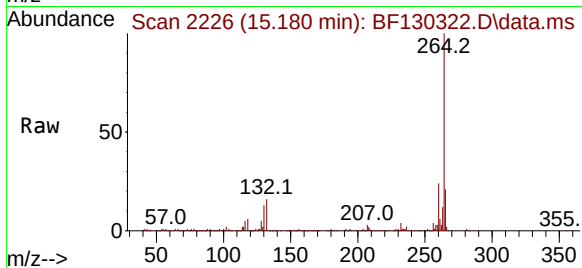
Tgt Ion:264 Resp: 166603

Ion Ratio Lower Upper

264 100

260 23.8 19.3 28.9

265 20.6 17.0 25.4



#88

Benzo(b)fluoranthene

Concen: 2.061 ng

RT: 14.792 min Scan# 2160

Delta R.T. -0.006 min

Lab File: BF130322.D

Acq: 19 Sep 2022 15:52

Tgt Ion:252 Resp: 22407

Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 10.0 8.1 12.1

