

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122821\
 Data File : BF126383.D
 Acq On : 28 Dec 2021 16:05
 Operator : JU/CG
 Sample : M5239-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SASP2-123-1-10-37

Quant Time: Dec 29 08:22:43 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 22 13:00:11 2021
 Response via : Initial Calibration

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

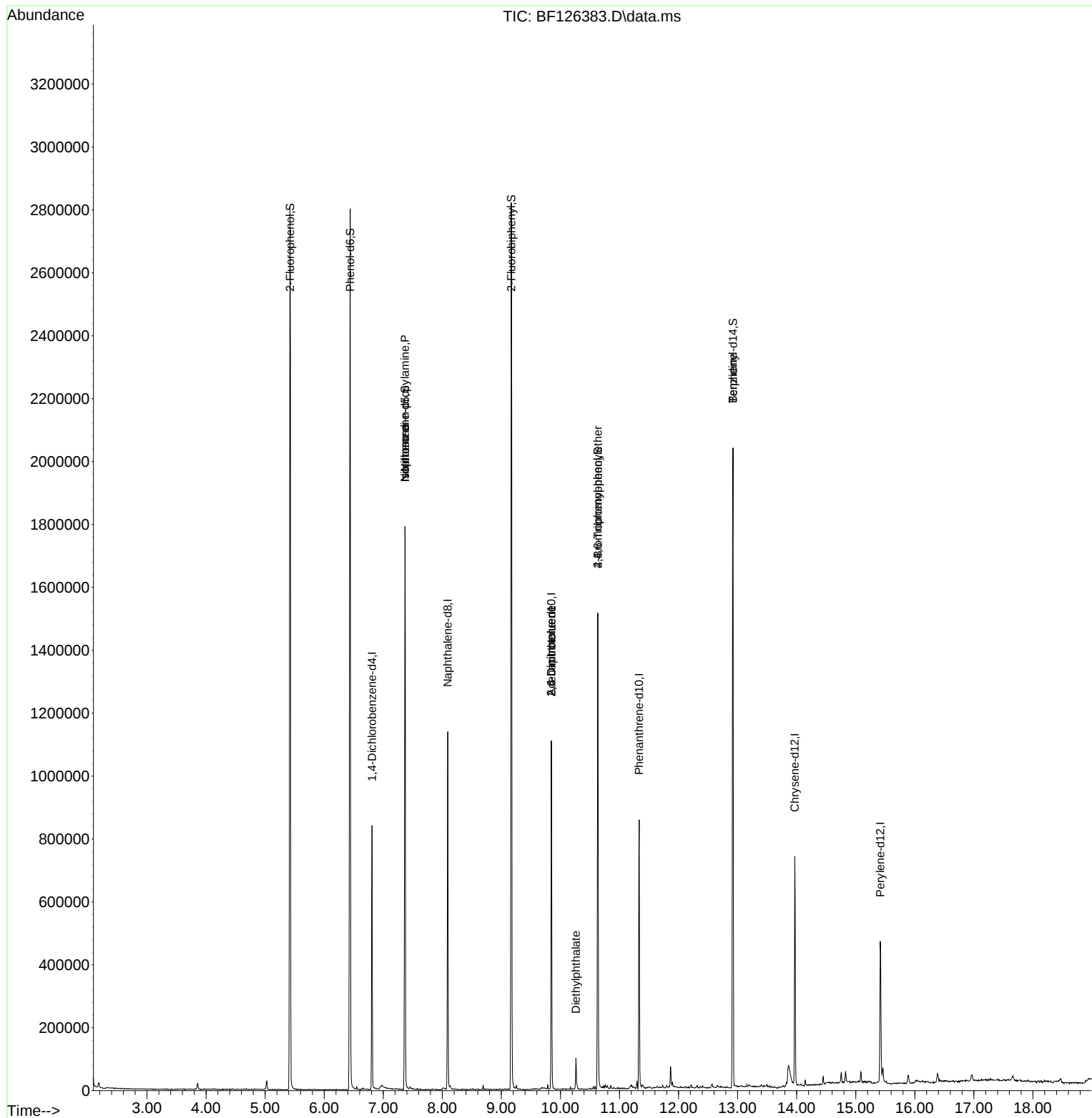
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	109416	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	486755	20.000	ng	#-0.01
39) Acenaphthene-d10	9.845	164	218223	20.000	ng	-0.01
64) Phenanthrene-d10	11.333	188	308583	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	237814	20.000	ng	#-0.01
86) Perylene-d12	15.415	264	200510	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	859094	115.627	ng	0.00
7) Phenol-d6	6.439	99	1075436	113.995	ng	0.00
23) Nitrobenzene-d5	7.369	82	623734	69.400	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	179490	102.347	ng	-0.01
45) 2-Fluorobiphenyl	9.169	172	879135	70.657	ng	-0.01
79) Terphenyl-d14	12.921	244	663002	48.457	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	79045	13.648	ng	# 54
25) Isophorone	7.369	82	623722	36.750	ng	# 59
51) 2,6-Dinitrotoluene	9.845	165	27302	9.125	ng	# 27
57) 2,4-Dinitrotoluene	9.845	165	27302	7.153	ng	# 19
60) Diethylphthalate	10.263	149	31101	2.239	ng	99
67) 4-Bromophenyl-phenylether	10.633	248	9209	3.180	ng	# 1
77) Benzidine	12.921	184	8447	2.253	ng	# 91

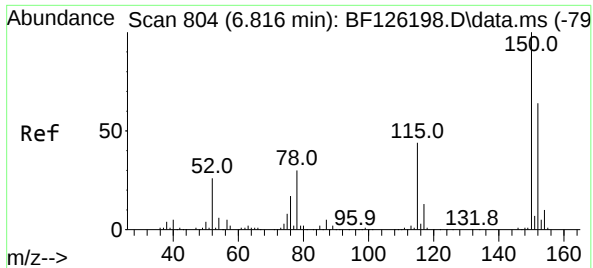
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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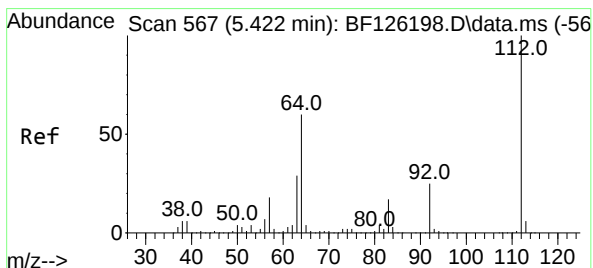
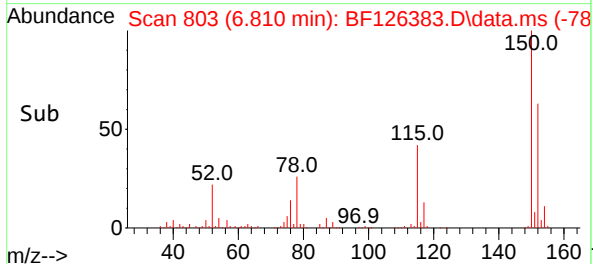
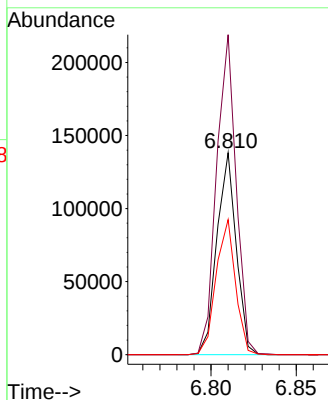
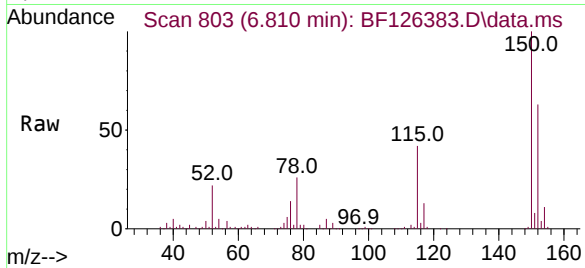




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF126383.D
Acq: 28 Dec 2021 16:05

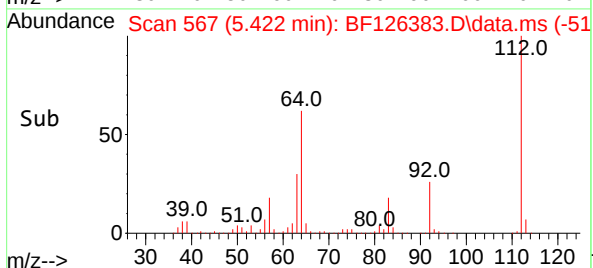
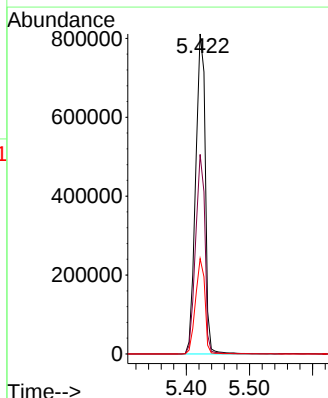
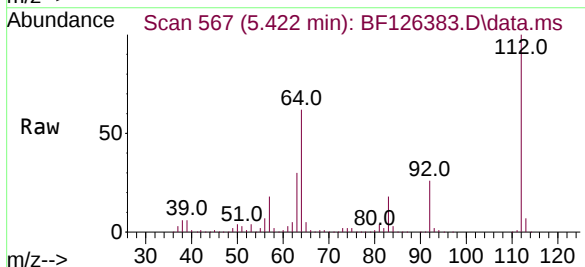
Instrument :
BNA_F
ClientSampleId :
SASP2-123-1-10-37

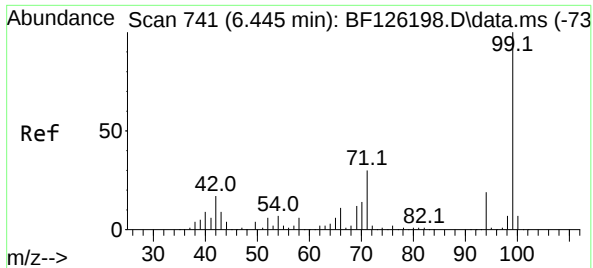
Tgt Ion:152 Resp: 109416
Ion Ratio Lower Upper
152 100
150 158.5 117.6 176.4
115 66.9 47.1 70.7



#5
2-Fluorophenol
Concen: 115.627 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF126383.D
Acq: 28 Dec 2021 16:05

Tgt Ion:112 Resp: 859094
Ion Ratio Lower Upper
112 100
64 62.3 44.2 66.2
63 29.8 26.2 39.2

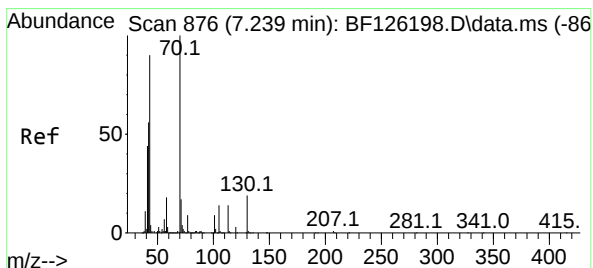
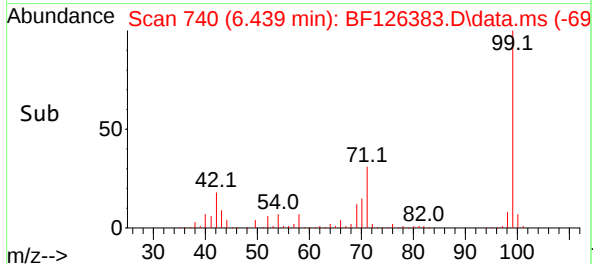
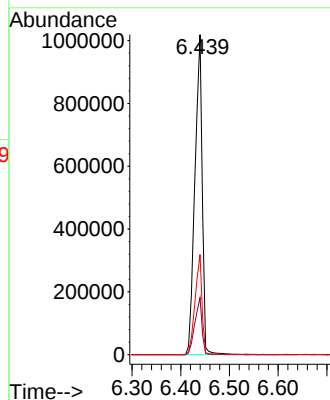
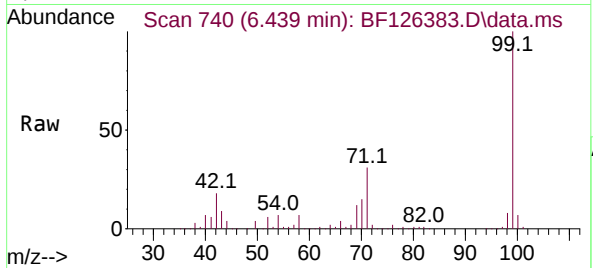




#7
Phenol-d6
Concen: 113.995 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF126383.D
Acq: 28 Dec 2021 16:05

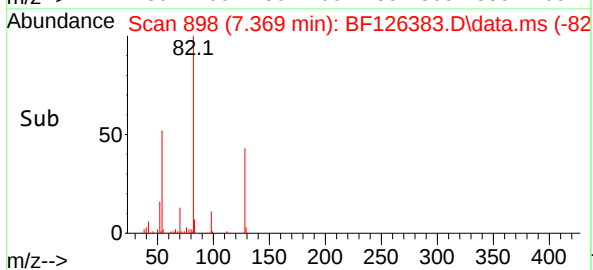
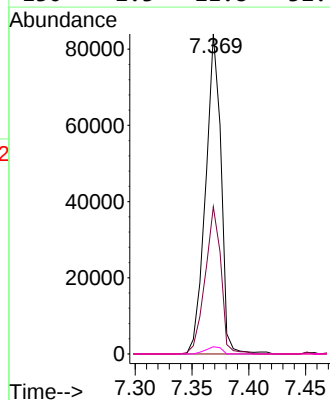
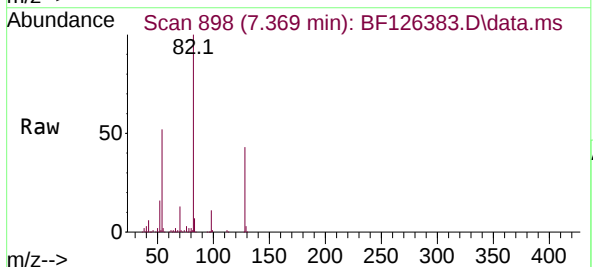
Instrument :
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ClientSampleId :
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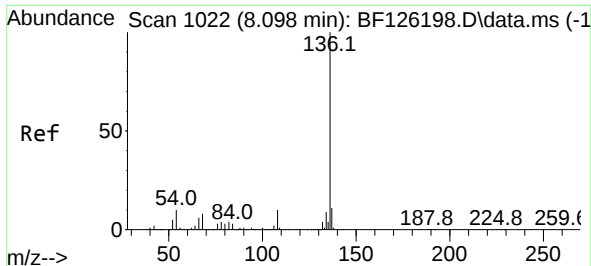
Tgt Ion: 99 Resp: 1075436
Ion Ratio Lower Upper
99 100
42 17.8 23.5 35.3#
71 31.3 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.648 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.135 min
Lab File: BF126383.D
Acq: 28 Dec 2021 16:05

Tgt Ion: 70 Resp: 79045
Ion Ratio Lower Upper
70 100
42 46.0 72.2 108.2#
101 0.0 7.8 11.8#
130 2.3 21.8 32.6#

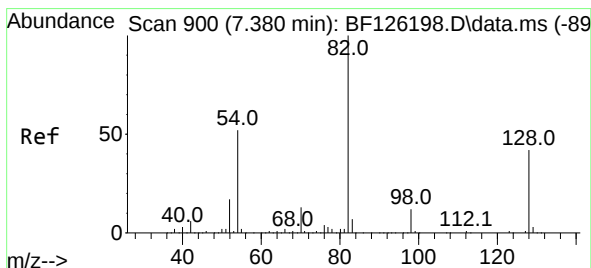
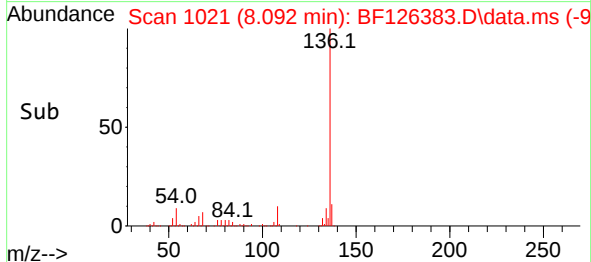
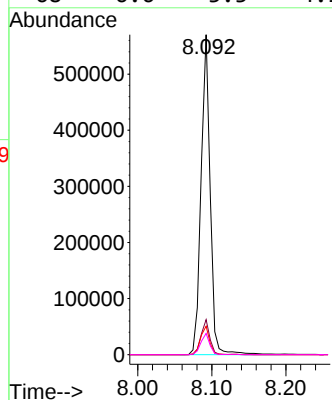
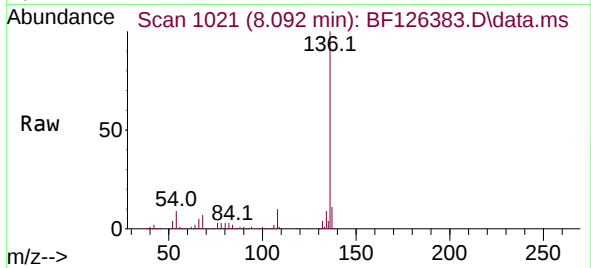




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF126383.D
Acq: 28 Dec 2021 16:05

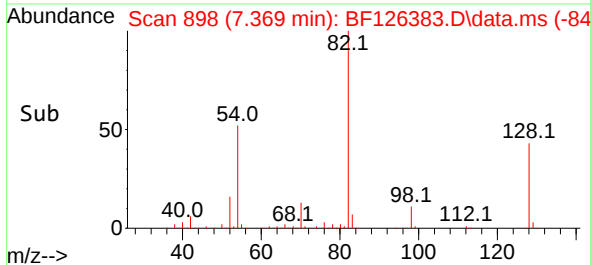
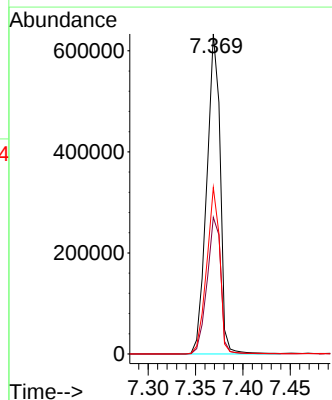
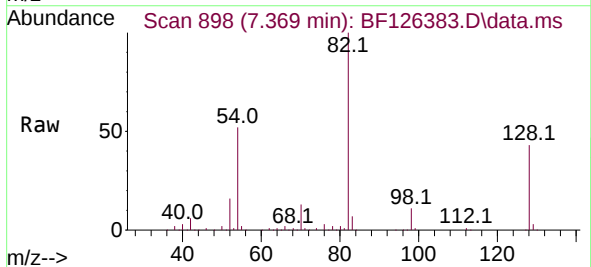
Instrument :
BNA_F
ClientSampleId :
SASP2-123-1-10-37

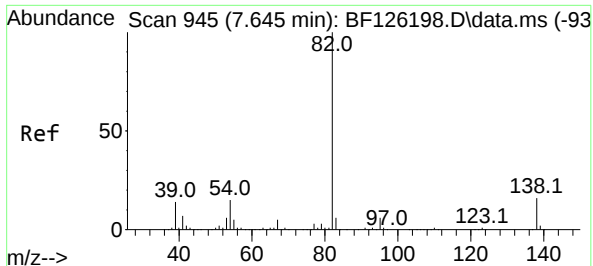
Tgt	Ion:136	Resp:	486755
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.8	14.6
54	8.9	6.4	9.6
68	6.6	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 69.400 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF126383.D
Acq: 28 Dec 2021 16:05

Tgt Ion: 82	Resp: 623734
Ion Ratio	Lower Upper
82 100	
128 42.7	40.6 60.8
54 52.0	49.6 74.4

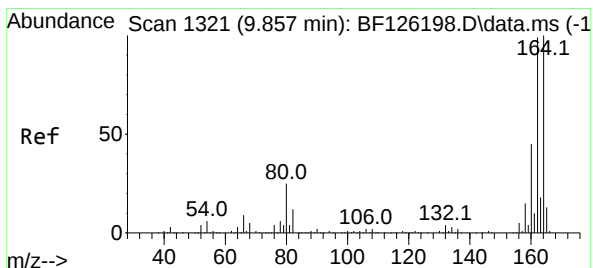
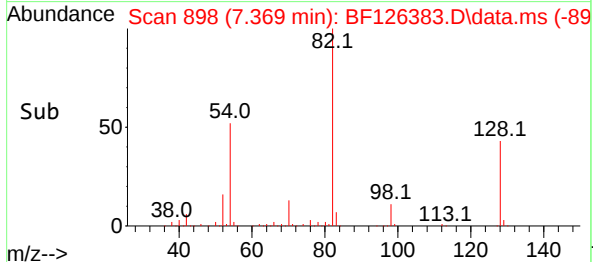
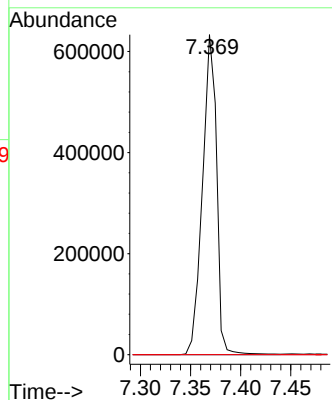
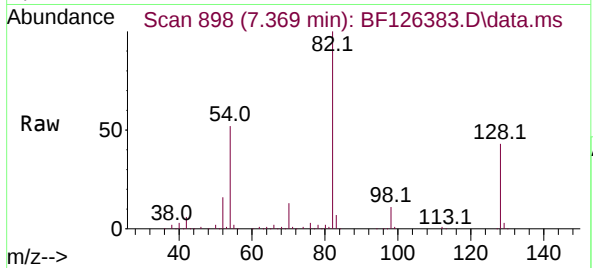




#25
Isophorone
Concen: 36.750 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF126383.D
Acq: 28 Dec 2021 16:05

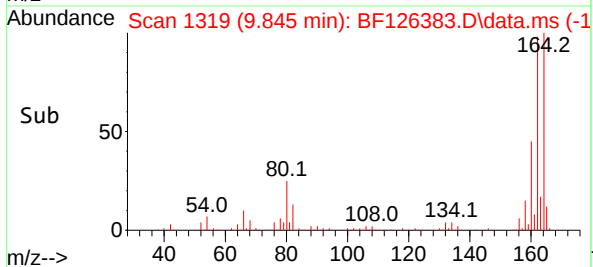
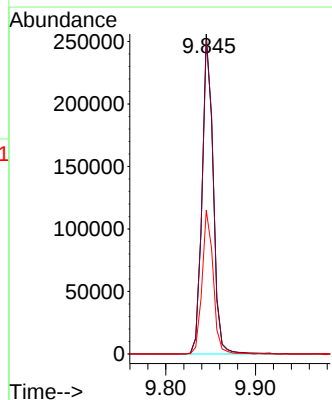
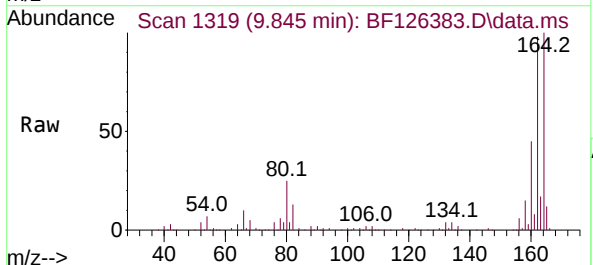
Instrument :
BNA_F
ClientSampleId :
SASP2-123-1-10-37

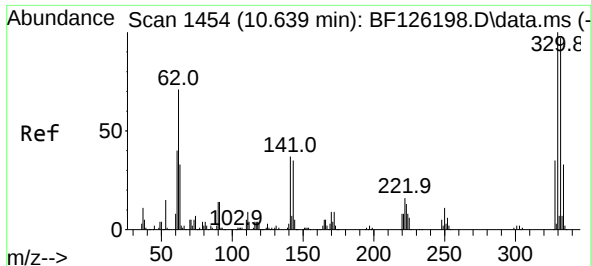
Tgt Ion: 82 Resp: 623722
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BF126383.D
Acq: 28 Dec 2021 16:05

Tgt Ion: 164 Resp: 218223
Ion Ratio Lower Upper
164 100
162 98.0 81.3 121.9
160 44.9 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 102.347 ng

RT: 10.633 min Scan# 1454

Delta R.T. -0.012 min

Lab File: BF126383.D

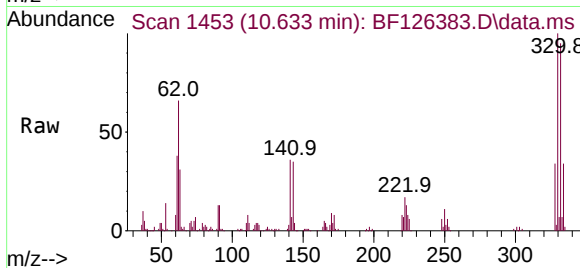
Acq: 28 Dec 2021 16:05

Instrument :

BNA_F

ClientSampleId :

SASP2-123-1-10-37



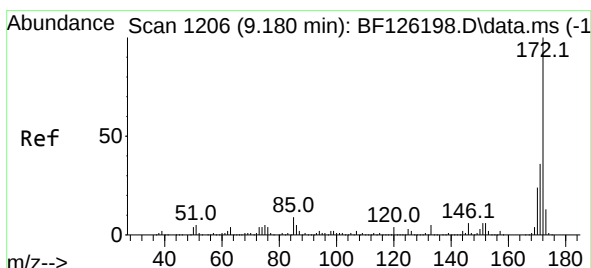
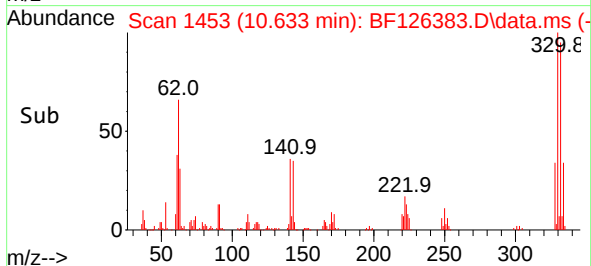
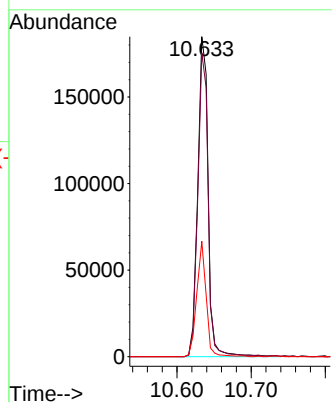
Tgt Ion:330 Resp: 179490

Ion Ratio Lower Upper

330 100

332 94.8 76.2 114.4

141 32.8 44.6 66.8#



#45

2-Fluorobiphenyl

Concen: 70.657 ng

RT: 9.169 min Scan# 1204

Delta R.T. -0.012 min

Lab File: BF126383.D

Acq: 28 Dec 2021 16:05

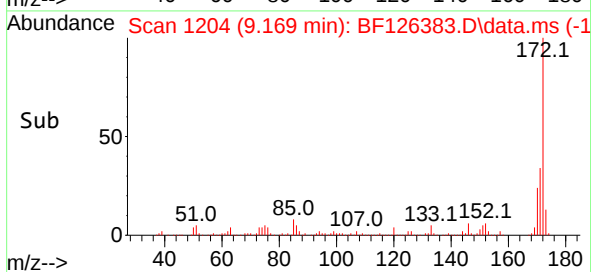
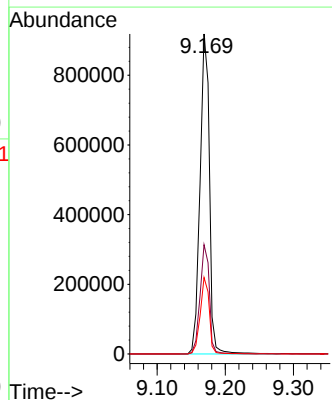
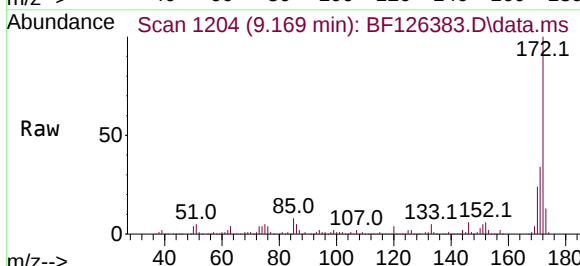
Tgt Ion:172 Resp: 879135

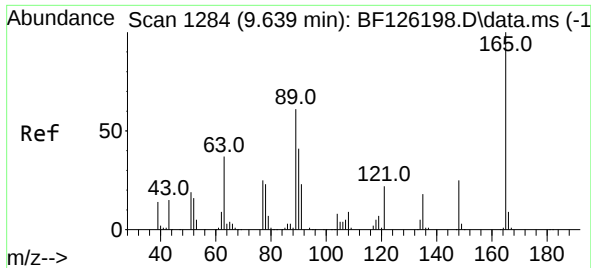
Ion Ratio Lower Upper

172 100

171 34.2 26.5 39.7

170 23.9 18.8 28.2

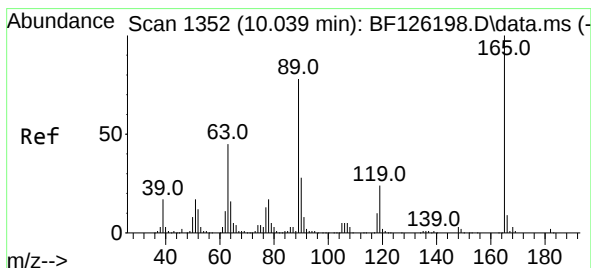
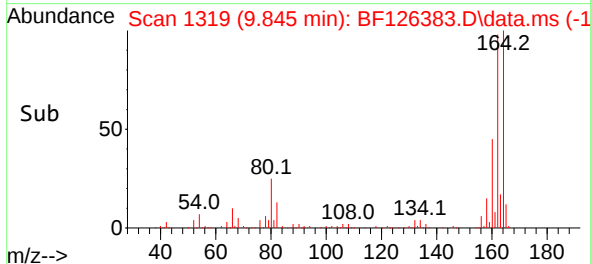
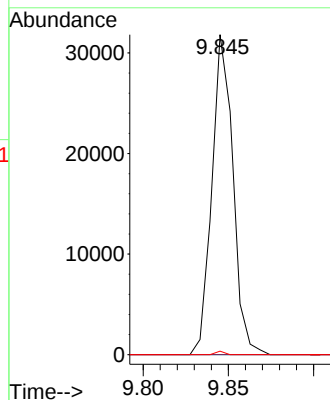
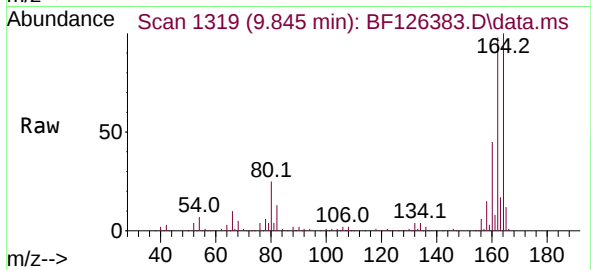




#51
2,6-Dinitrotoluene
Concen: 9.125 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.206 min
Lab File: BF126383.D
Acq: 28 Dec 2021 16:05

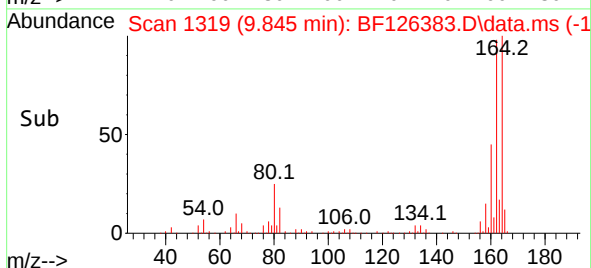
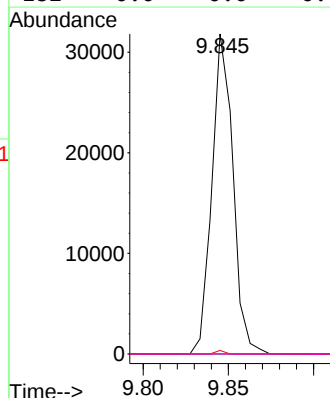
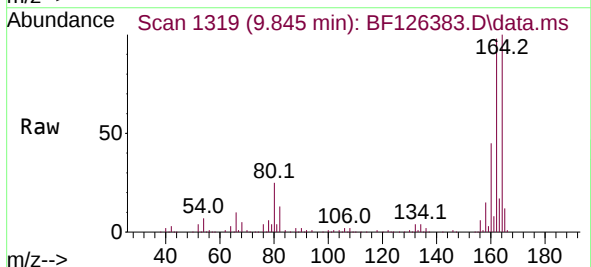
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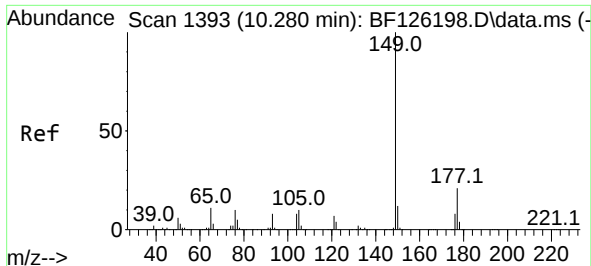
Tgt Ion:165 Resp: 27302
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 1.1 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.153 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.194 min
Lab File: BF126383.D
Acq: 28 Dec 2021 16:05

Tgt Ion:165 Resp: 27302
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 1.1 59.7 89.5#
182 0.0 0.0 0.0

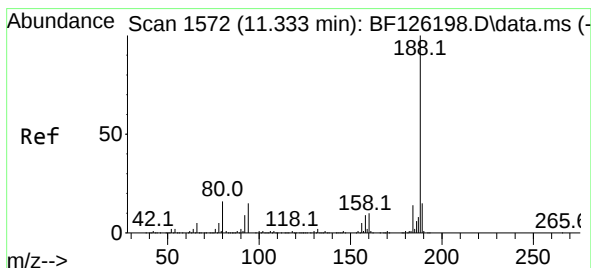
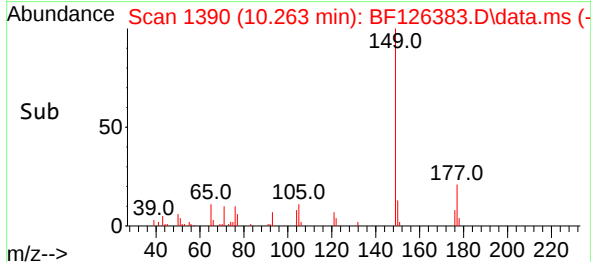
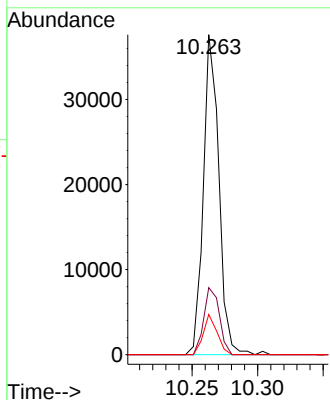
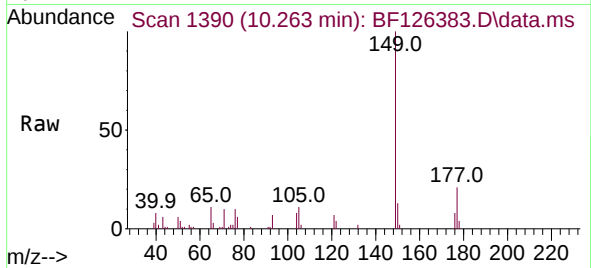




#60
Diethylphthalate
Concen: 2.239 ng
RT: 10.263 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF126383.D
Acq: 28 Dec 2021 16:05

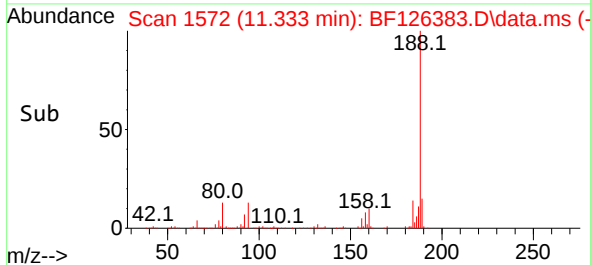
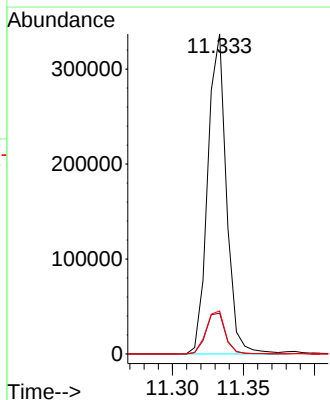
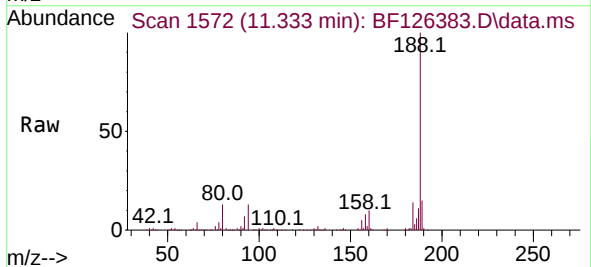
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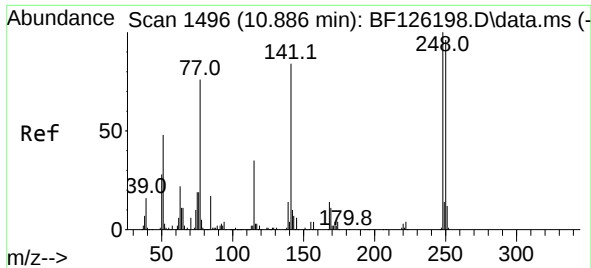
Tgt Ion:149 Resp: 31101
Ion Ratio Lower Upper
149 100
177 21.0 16.5 24.7
150 12.5 10.1 15.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF126383.D
Acq: 28 Dec 2021 16:05

Tgt Ion:188 Resp: 308583
Ion Ratio Lower Upper
188 100
94 12.8 6.7 10.1#
80 13.5 7.5 11.3#

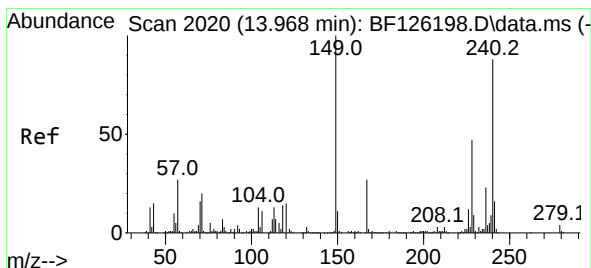
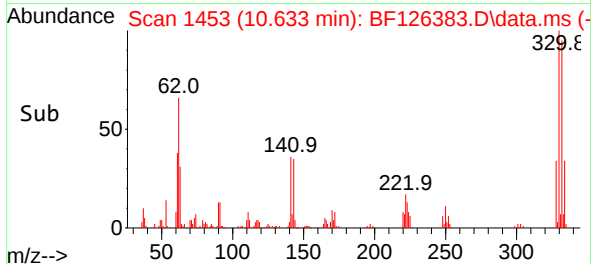
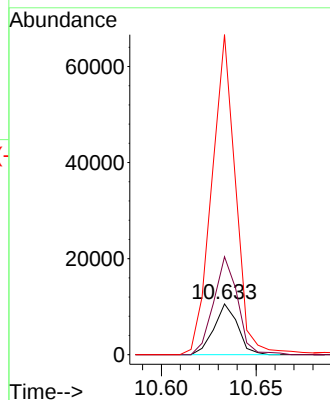
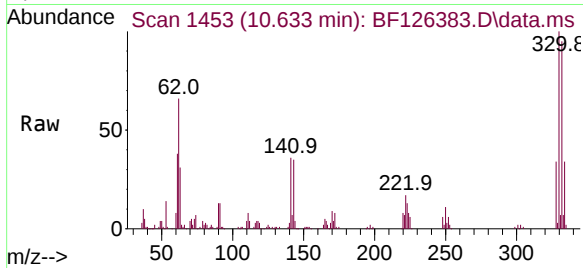




#67
4-Bromophenyl-phenylether
Concen: 3.180 ng
RT: 10.633 min Scan# 1496
Delta R.T. -0.253 min
Lab File: BF126383.D
Acq: 28 Dec 2021 16:05

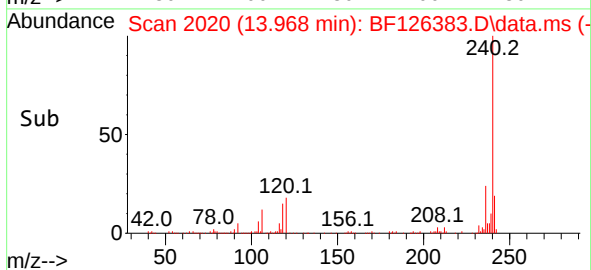
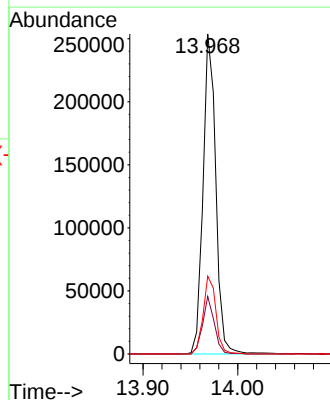
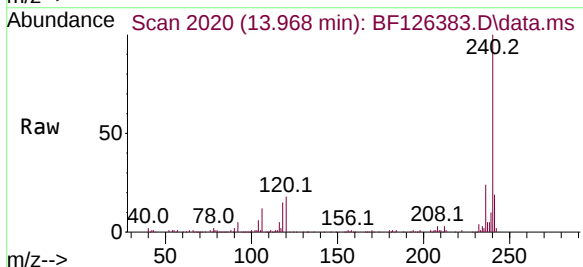
Instrument :
BNA_F
ClientSampleId :
SASP2-123-1-10-37

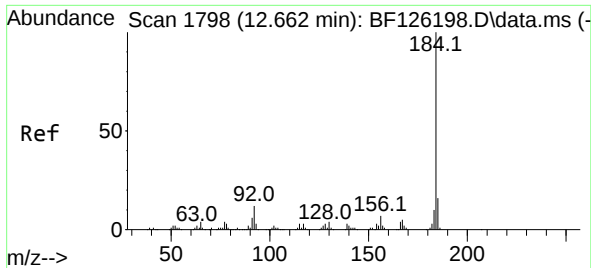
Tgt Ion:248 Resp: 9209
Ion Ratio Lower Upper
248 100
250 193.1 74.2 111.4#
141 631.4 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF126383.D
Acq: 28 Dec 2021 16:05

Tgt Ion:240 Resp: 237814
Ion Ratio Lower Upper
240 100
120 18.0 10.8 16.2#
236 24.3 21.6 32.4

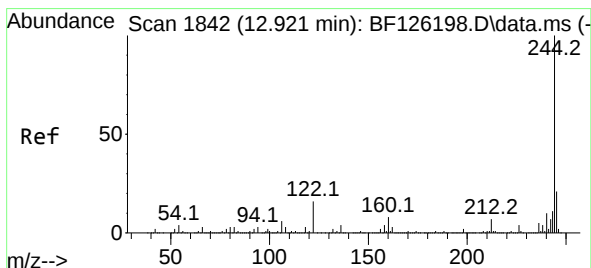
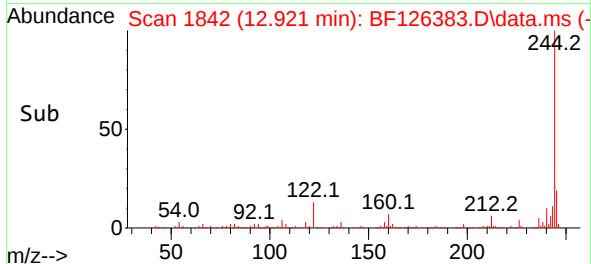
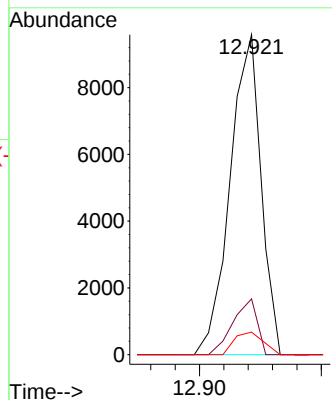
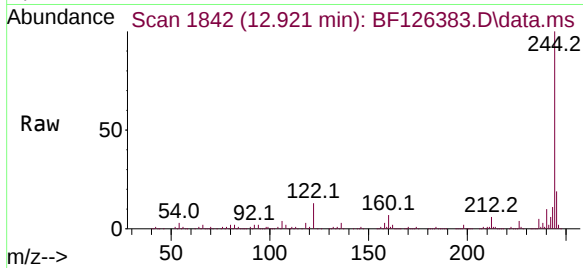




#77
Benzidine
Concen: 2.253 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.247 min
Lab File: BF126383.D
Acq: 28 Dec 2021 16:05

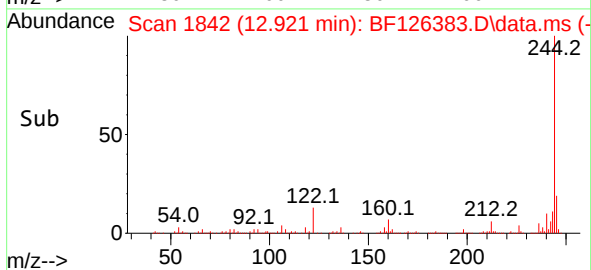
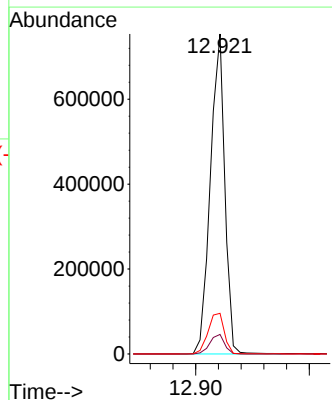
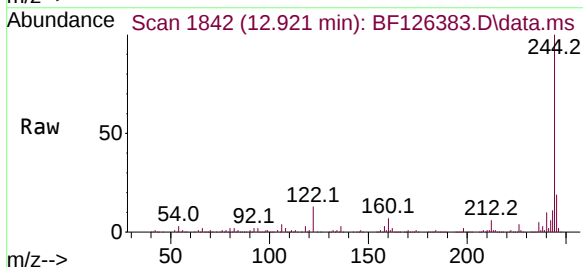
Instrument :
BNA_F
ClientSampleId :
SASP2-123-1-10-37

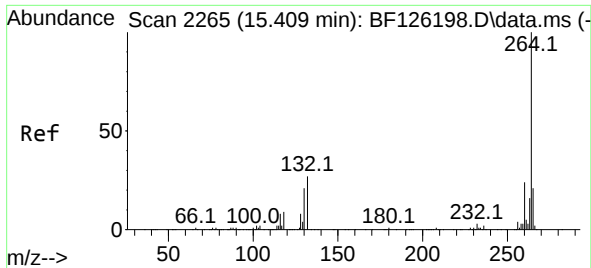
Tgt Ion:184 Resp: 8447
Ion Ratio Lower Upper
184 100
185 17.4 10.8 16.2#
183 7.0 8.1 12.1#



#79
Terphenyl-d14
Concen: 48.457 ng
RT: 12.921 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BF126383.D
Acq: 28 Dec 2021 16:05

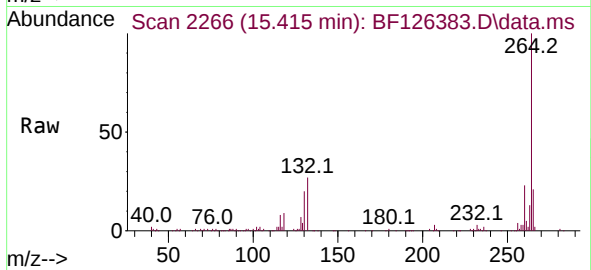
Tgt Ion:244 Resp: 663002
Ion Ratio Lower Upper
244 100
212 6.1 5.9 8.9
122 12.7 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF126383.D
Acq: 28 Dec 2021 16:05

Instrument :
BNA_F
ClientSampleId :
SASP2-123-1-10-37



Tgt Ion:264 Resp: 200510
Ion Ratio Lower Upper
264 100
260 23.3 19.6 29.4
265 21.3 17.2 25.8

