

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122821\
 Data File : BF126387.D
 Acq On : 28 Dec 2021 18:13
 Operator : JU/CG
 Sample : M5223-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-17-(15-20)-12-22-21

Quant Time: Dec 29 08:23:39 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)

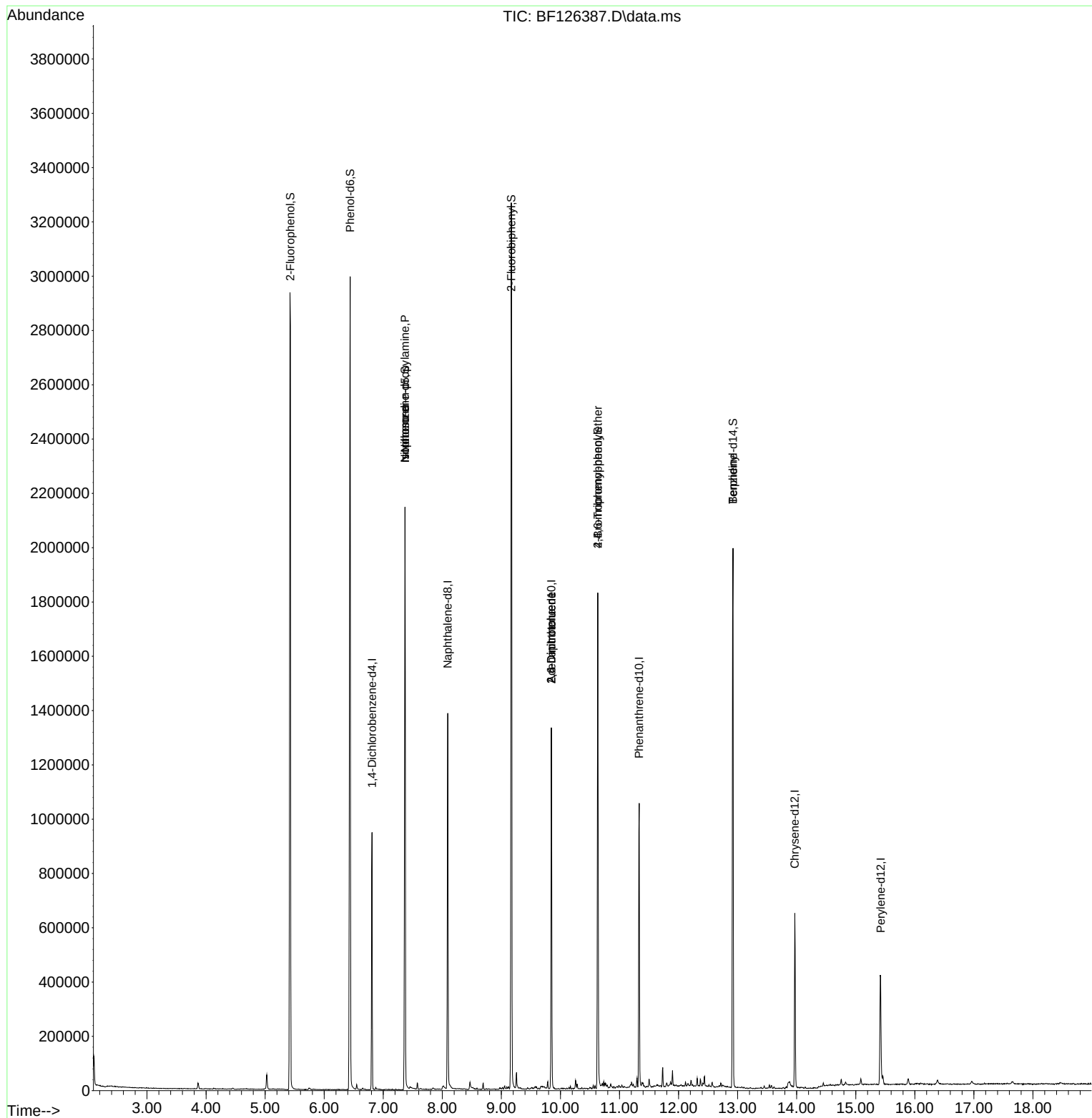
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	132727	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	631377	20.000	ng	#-0.01
39) Acenaphthene-d10	9.845	164	270599	20.000	ng	-0.01
64) Phenanthrene-d10	11.333	188	387691	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	221037	20.000	ng	#-0.01
86) Perylene-d12	15.421	264	193281	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	929140	103.091	ng	0.00
7) Phenol-d6	6.439	99	1193721	104.310	ng	0.00
23) Nitrobenzene-d5	7.369	82	764038	65.539	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	212181	97.570	ng	-0.01
45) 2-Fluorobiphenyl	9.169	172	1018585	66.019	ng	-0.01
79) Terphenyl-d14	12.921	244	664317	52.238	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.369	70	97858	13.929	ng	# 54
25) Isophorone	7.369	82	764024	34.705	ng	# 59
51) 2,6-Dinitrotoluene	9.845	165	34019	9.169	ng	# 27
57) 2,4-Dinitrotoluene	9.845	165	34019	7.188	ng	# 19
67) 4-Bromophenyl-phenylether	10.633	248	11587	3.184	ng	# 1
77) Benzidine	12.921	184	7692	2.207	ng	96

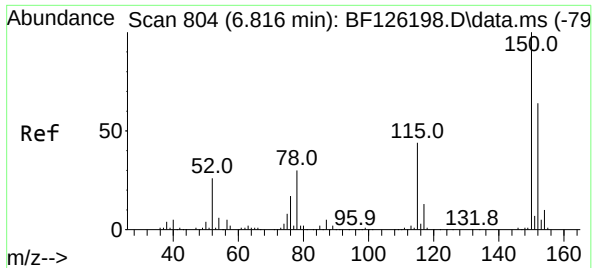
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 29 08:23:39 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

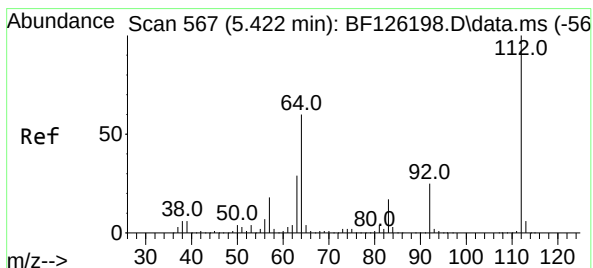
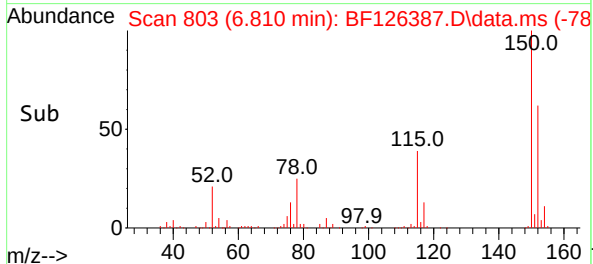
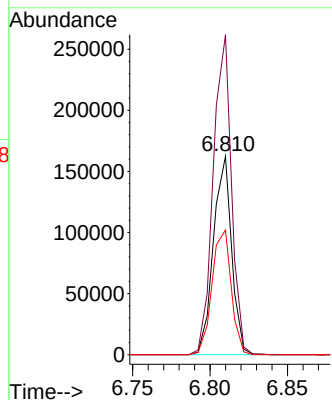
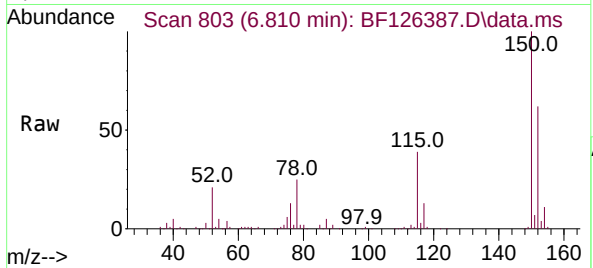




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF126387.D
Acq: 28 Dec 2021 18:13

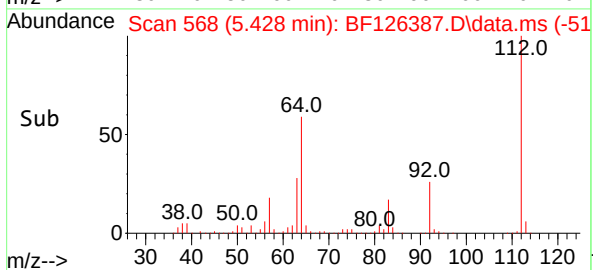
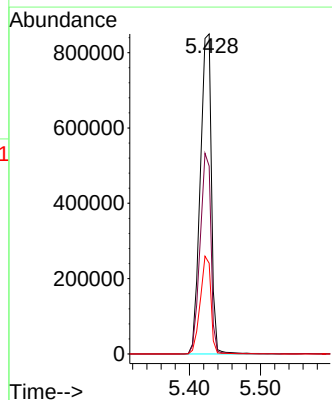
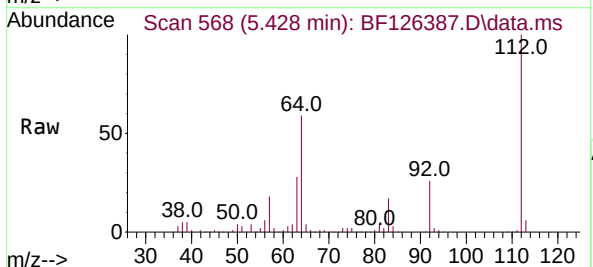
Instrument :
BNA_F
ClientSampleId :
DB-17-(15-20)-12-22-21

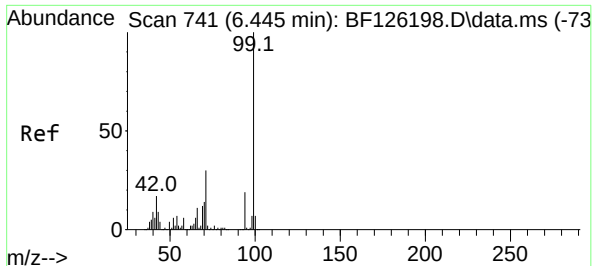
Tgt Ion:152 Resp: 132727
Ion Ratio Lower Upper
152 100
150 161.3 117.6 176.4
115 62.9 47.1 70.7



#5
2-Fluorophenol
Concen: 103.091 ng
RT: 5.428 min Scan# 568
Delta R.T. -0.000 min
Lab File: BF126387.D
Acq: 28 Dec 2021 18:13

Tgt Ion:112 Resp: 929140
Ion Ratio Lower Upper
112 100
64 58.7 44.2 66.2
63 28.4 26.2 39.2

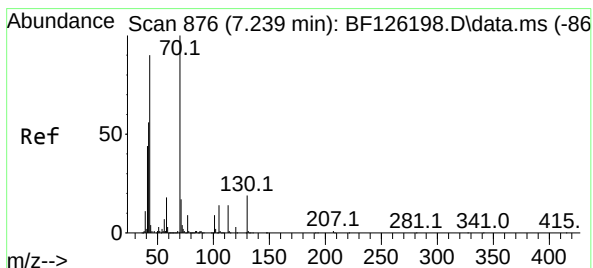
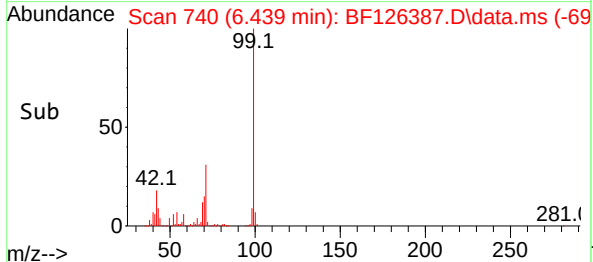
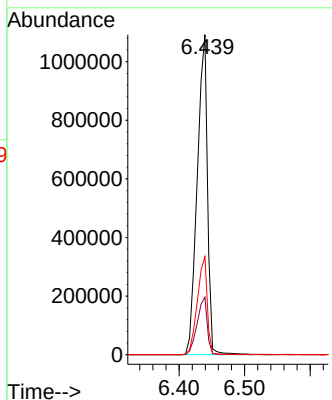
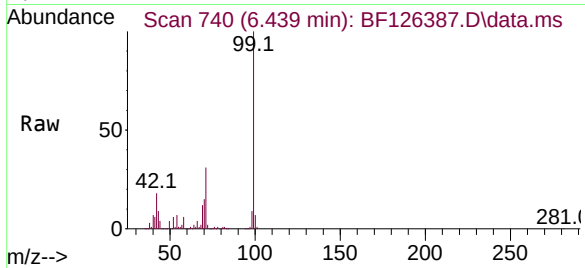




#7
Phenol-d6
Concen: 104.310 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF126387.D
Acq: 28 Dec 2021 18:13

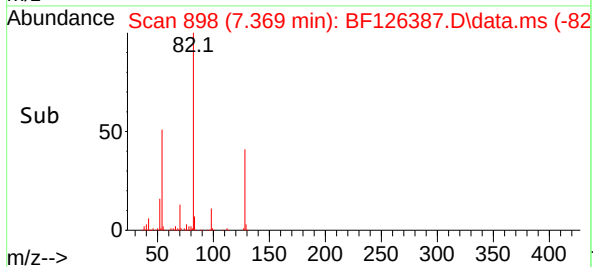
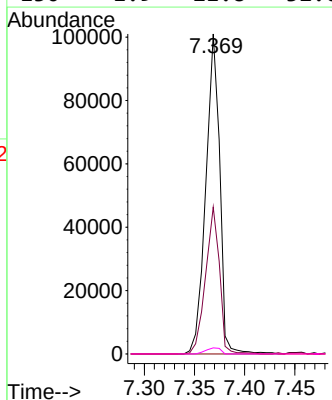
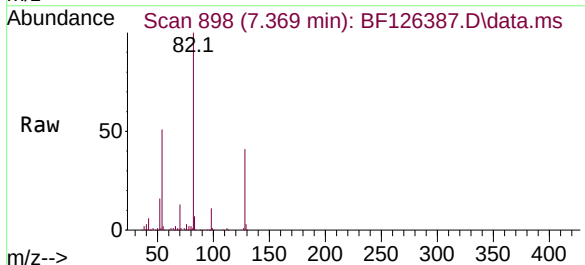
Instrument :
BNA_F
ClientSampleId :
DB-17-(15-20)-12-22-21

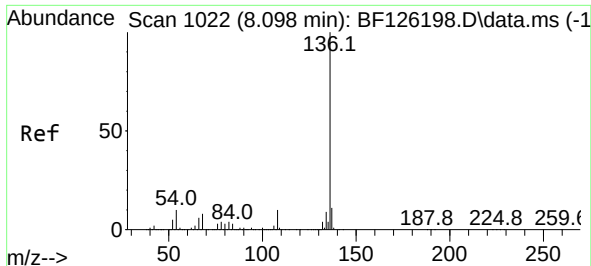
Tgt Ion: 99 Resp: 1193721
Ion Ratio Lower Upper
99 100
42 17.9 23.5 35.3#
71 30.7 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.929 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.135 min
Lab File: BF126387.D
Acq: 28 Dec 2021 18:13

Tgt Ion: 70 Resp: 97858
Ion Ratio Lower Upper
70 100
42 45.9 72.2 108.2#
101 0.0 7.8 11.8#
130 1.9 21.8 32.6#

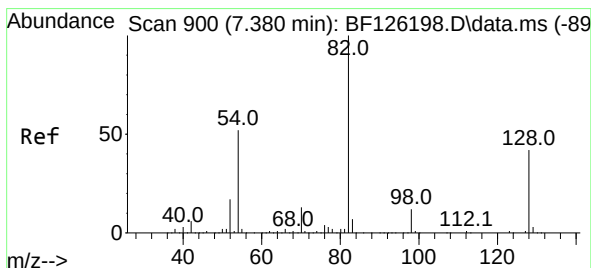
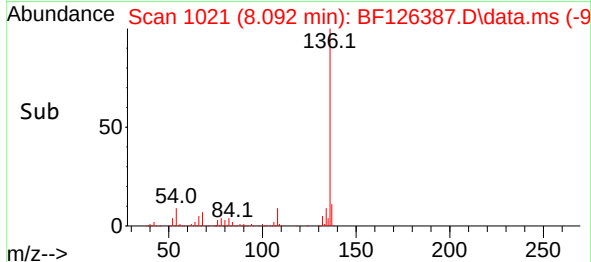
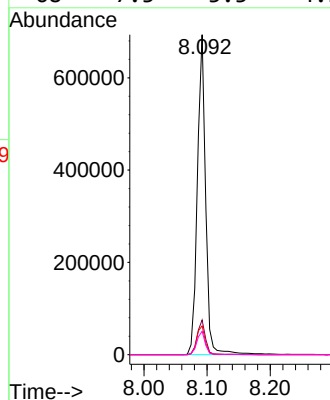
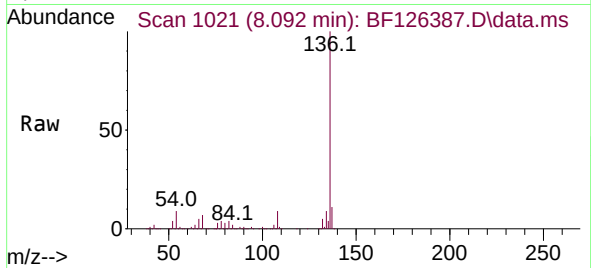




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.012 min
Lab File: BF126387.D
Acq: 28 Dec 2021 18:13

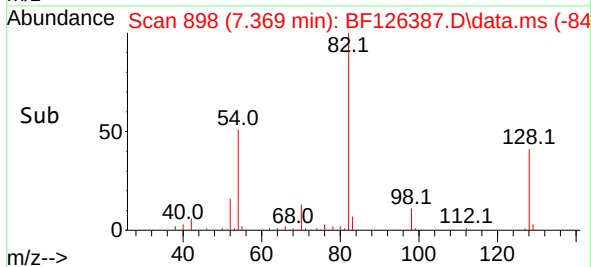
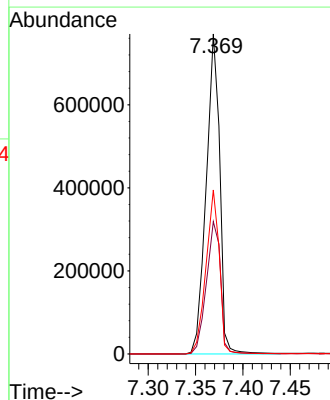
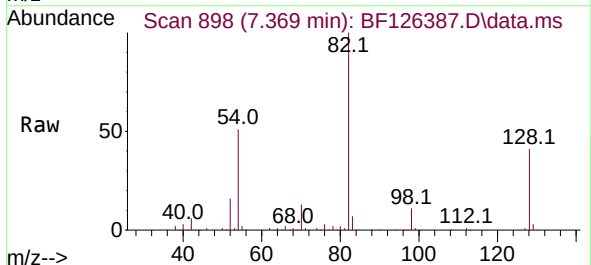
Instrument :
BNA_F
ClientSampleId :
DB-17-(15-20)-12-22-21

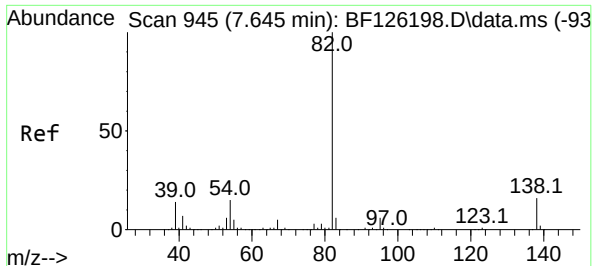
Tgt Ion	136	Resp: Lower	631377 Upper
136	100		
137	10.9	9.8	14.6
54	9.0	6.4	9.6
68	7.3	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 65.539 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF126387.D
Acq: 28 Dec 2021 18:13

Tgt Ion: 82	Resp: 764038
Ion Ratio	Lower Upper
82 100	
128 41.3	40.6 60.8
54 51.2	49.6 74.4

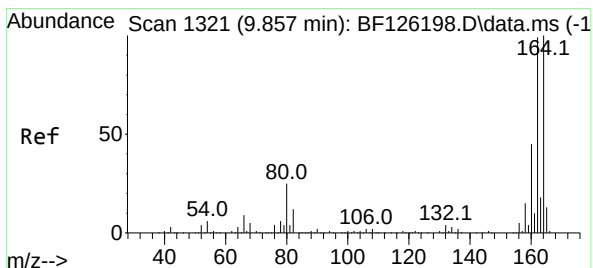
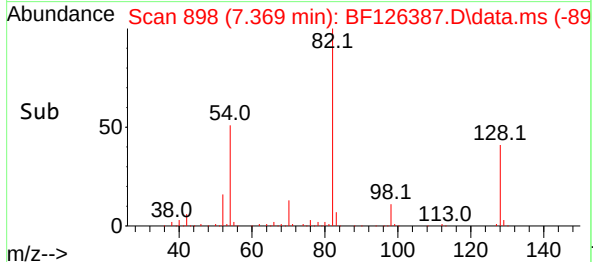
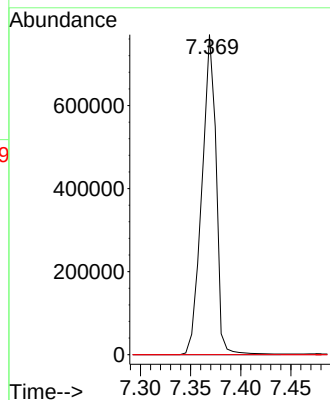
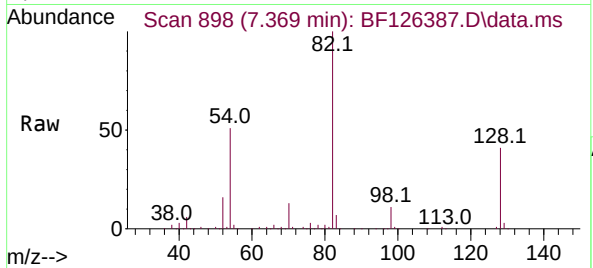




#25
Isophorone
Concen: 34.705 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF126387.D
Acq: 28 Dec 2021 18:13

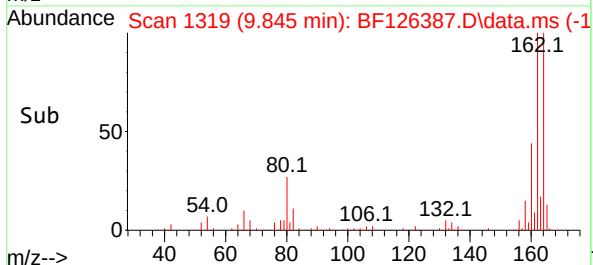
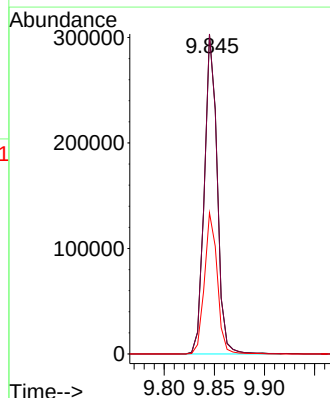
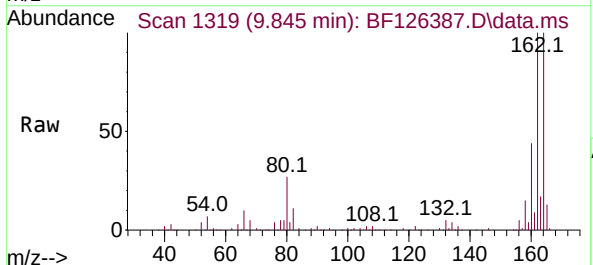
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ClientSampleId :
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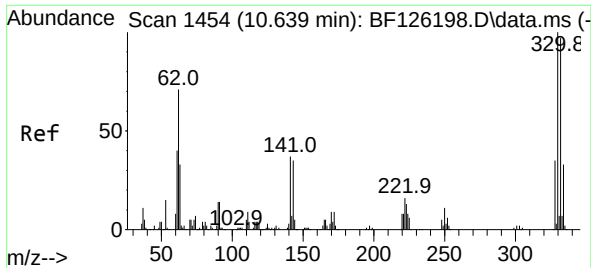
Tgt Ion: 82 Resp: 764024
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BF126387.D
Acq: 28 Dec 2021 18:13

Tgt Ion: 164 Resp: 270599
Ion Ratio Lower Upper
164 100
162 100.1 81.3 121.9
160 44.1 38.0 57.0

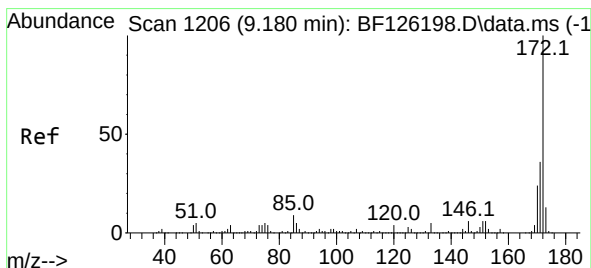
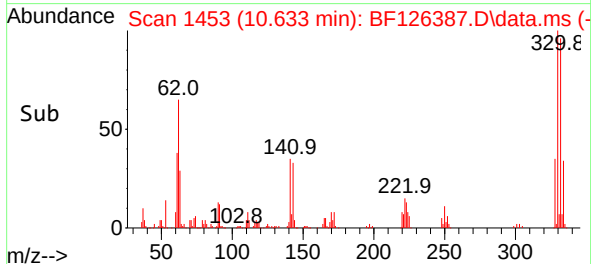
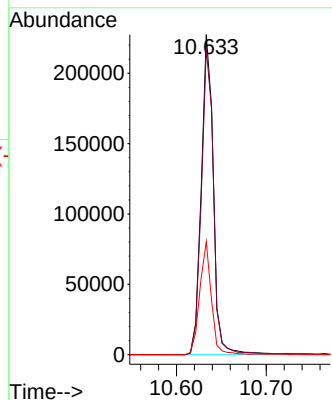
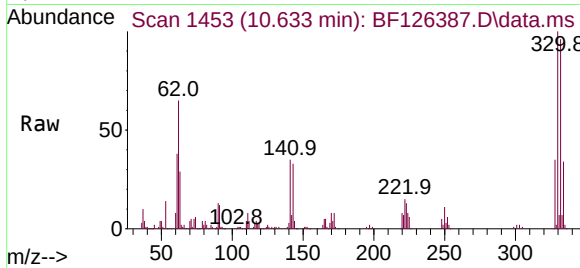




#42
2,4,6-Tribromophenol
Concen: 97.570 ng
RT: 10.633 min Scan# 1454
Delta R.T. -0.012 min
Lab File: BF126387.D
Acq: 28 Dec 2021 18:13

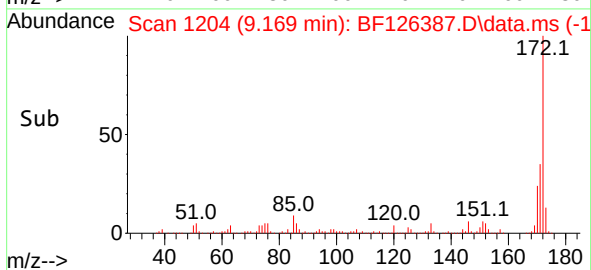
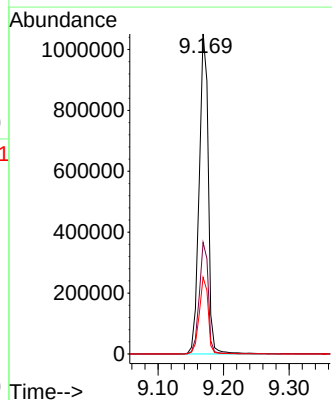
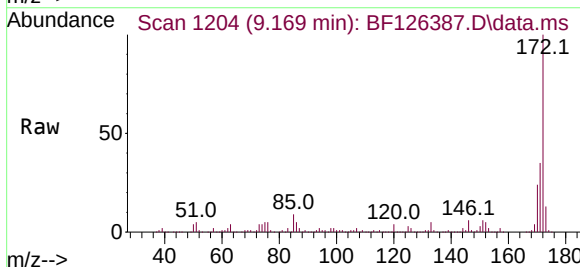
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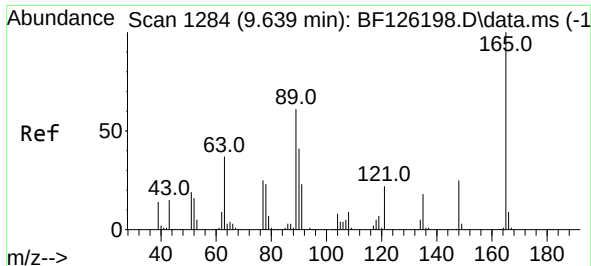
Tgt Ion:330 Resp: 212181
Ion Ratio Lower Upper
330 100
332 96.1 76.2 114.4
141 34.5 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 66.019 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.012 min
Lab File: BF126387.D
Acq: 28 Dec 2021 18:13

Tgt Ion:172 Resp: 1018585
Ion Ratio Lower Upper
172 100
171 34.9 26.5 39.7
170 23.9 18.8 28.2

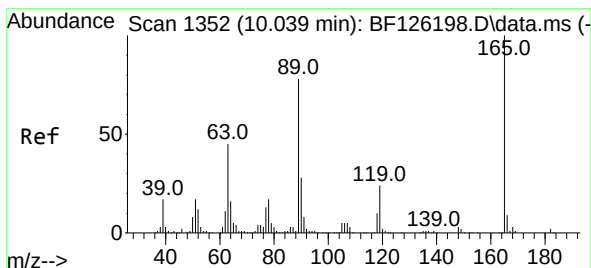
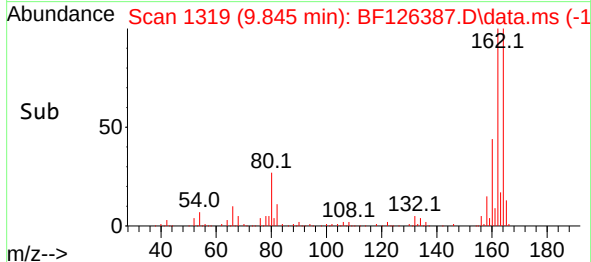
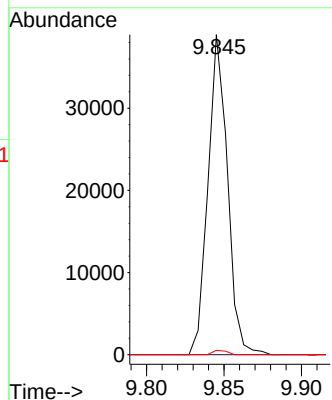
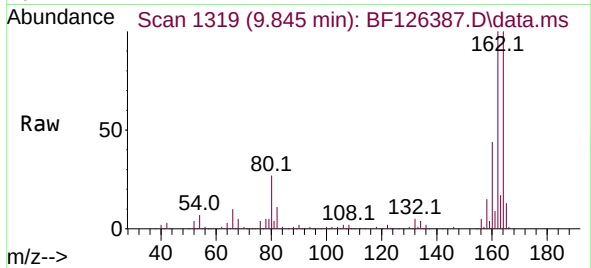




#51
2,6-Dinitrotoluene
Concen: 9.169 ng
RT: 9.845 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF126387.D
Acq: 28 Dec 2021 18:13

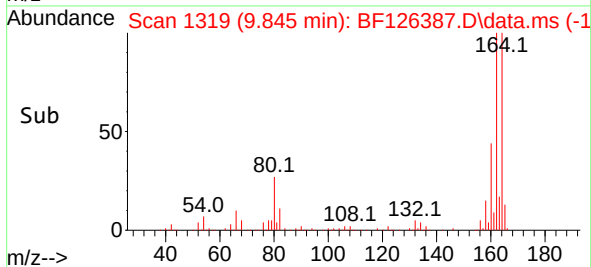
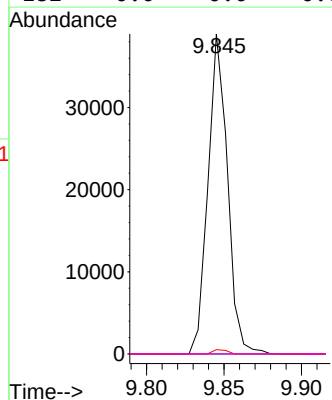
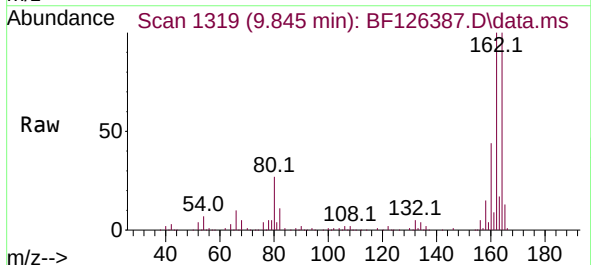
Instrument :
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ClientSampleId :
DB-17-(15-20)-12-22-21

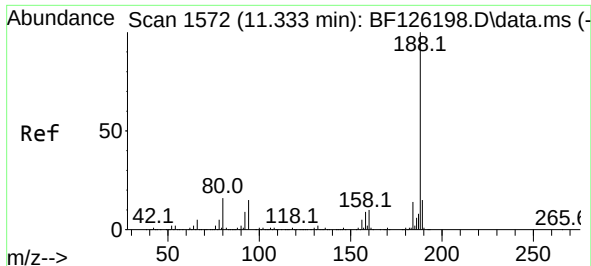
Tgt Ion:165 Resp: 34019
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 1.3 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.188 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.194 min
Lab File: BF126387.D
Acq: 28 Dec 2021 18:13

Tgt Ion:165 Resp: 34019
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 1.3 59.7 89.5#
182 0.0 0.0 0.0

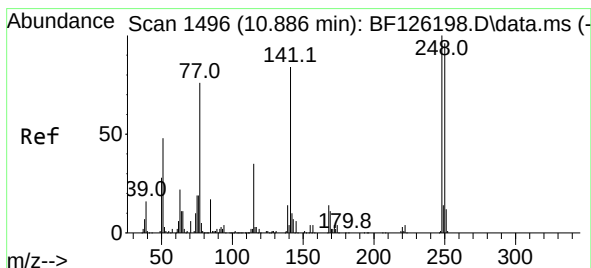
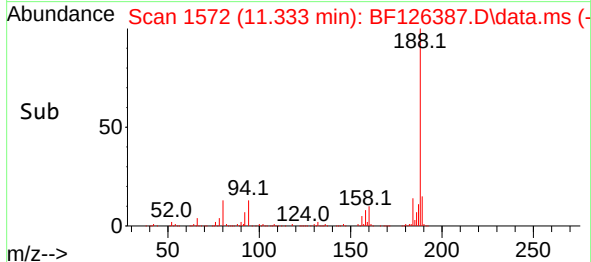
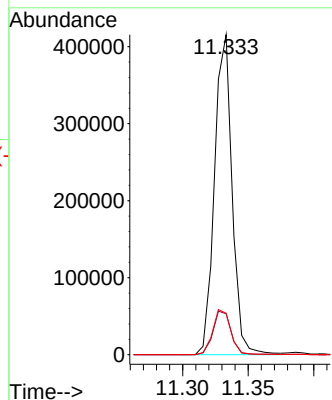
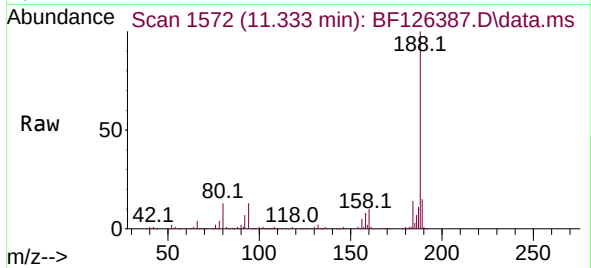




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126387.D
Acq: 28 Dec 2021 18:13

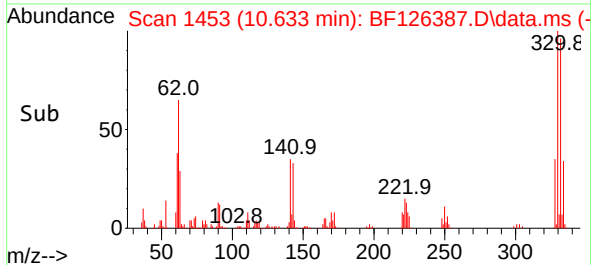
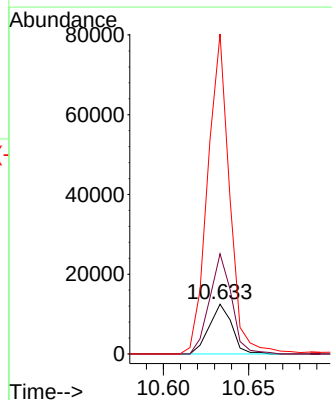
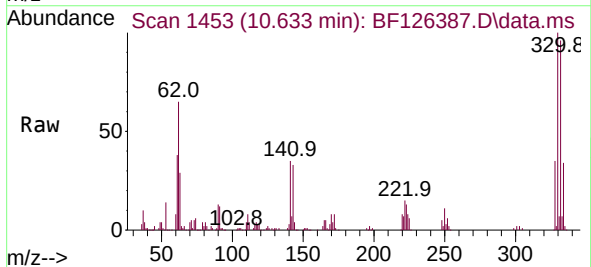
Instrument :
BNA_F
ClientSampleId :
DB-17-(15-20)-12-22-21

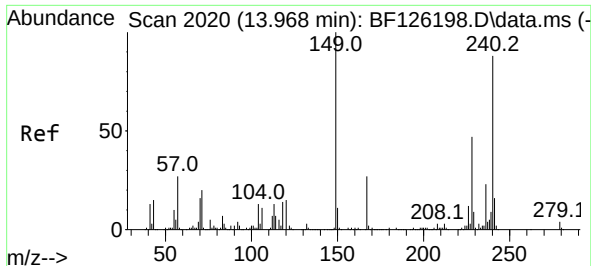
Tgt Ion:188 Resp: 387691
Ion Ratio Lower Upper
188 100
94 12.8 6.7 10.1#
80 13.0 7.5 11.3#



#67
4-Bromophenyl-phenylether
Concen: 3.184 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.253 min
Lab File: BF126387.D
Acq: 28 Dec 2021 18:13

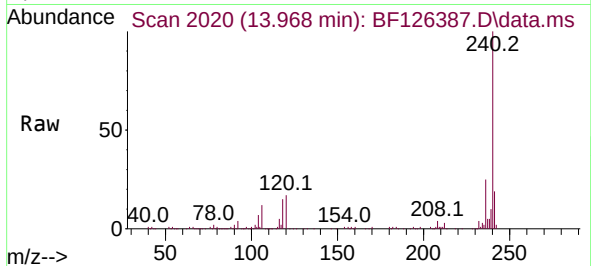
Tgt Ion:248 Resp: 11587
Ion Ratio Lower Upper
248 100
250 201.2 74.2 111.4#
141 642.6 60.4 90.6#



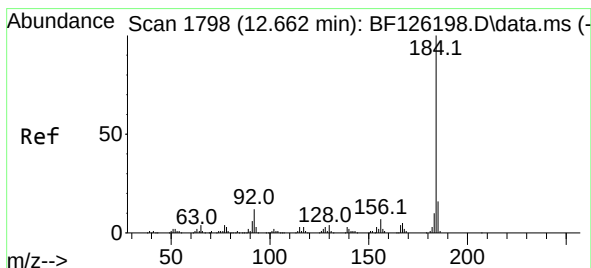
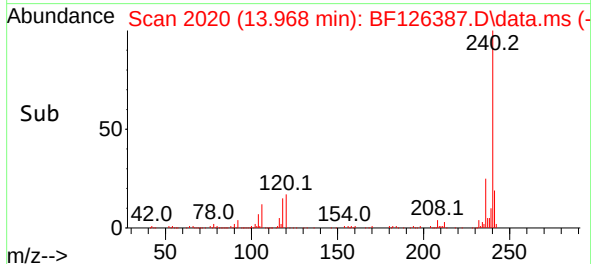
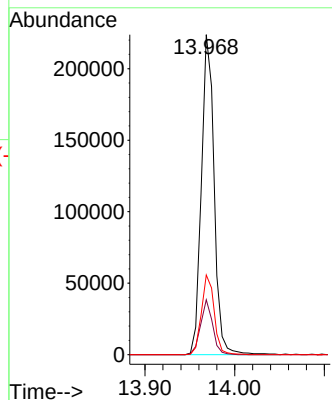


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF126387.D
Acq: 28 Dec 2021 18:13

Instrument :
BNA_F
ClientSampleId :
DB-17-(15-20)-12-22-21

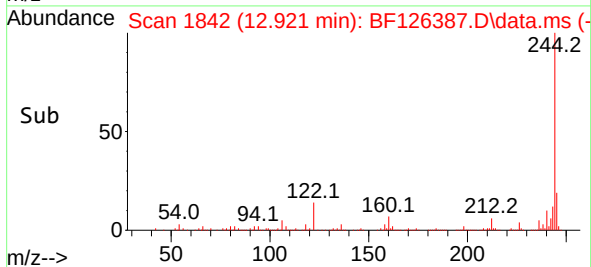
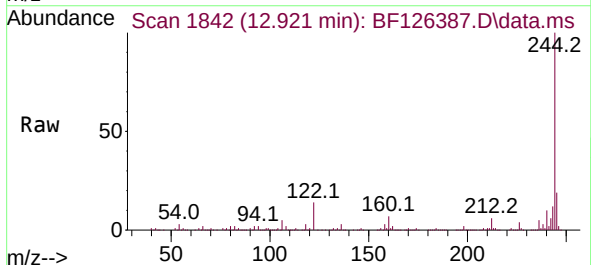
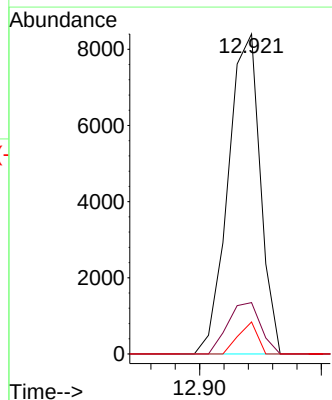


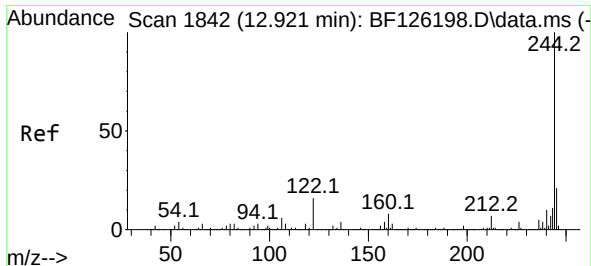
Tgt Ion:240 Resp: 221037
Ion Ratio Lower Upper
240 100
120 17.2 10.8 16.2#
236 24.9 21.6 32.4



#77
Benzidine
Concen: 2.207 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.247 min
Lab File: BF126387.D
Acq: 28 Dec 2021 18:13

Tgt Ion:184 Resp: 7692
Ion Ratio Lower Upper
184 100
185 16.1 10.8 16.2
183 10.0 8.1 12.1

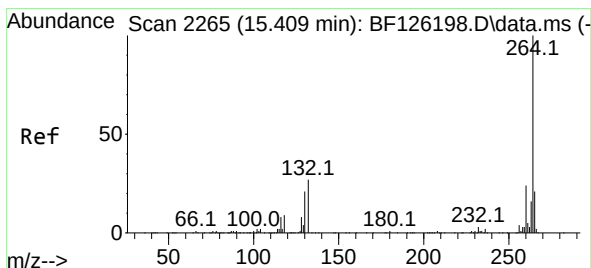
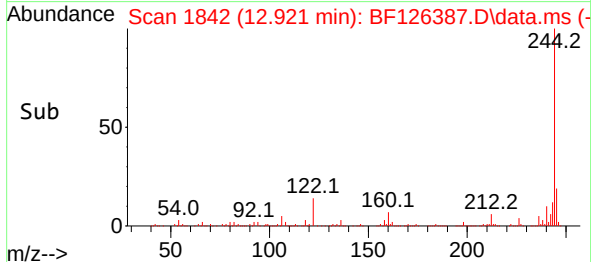
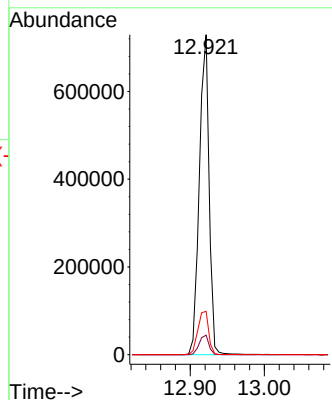
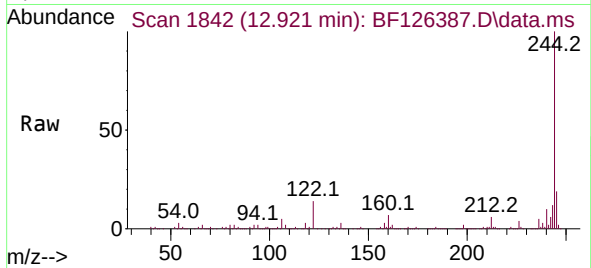




#79
 Terphenyl-d14
 Concen: 52.238 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF126387.D
 Acq: 28 Dec 2021 18:13

Instrument :
 BNA_F
 ClientSampleId :
 DB-17-(15-20)-12-22-21

Tgt Ion:244 Resp: 664317
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.9 8.9
 122 13.6 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. -0.006 min
 Lab File: BF126387.D
 Acq: 28 Dec 2021 18:13

Tgt Ion:264 Resp: 193281
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.6 29.4
 265 20.4 17.2 25.8

