

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
 Data File : BF126414.D
 Acq On : 30 Dec 2021 12:07
 Operator : JU/CG
 Sample : M5223-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-19-(40-45)-12-22-21

Quant Time: Dec 30 13:25:36 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 30 04:30:49 2021
 Response via : Initial Calibration

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

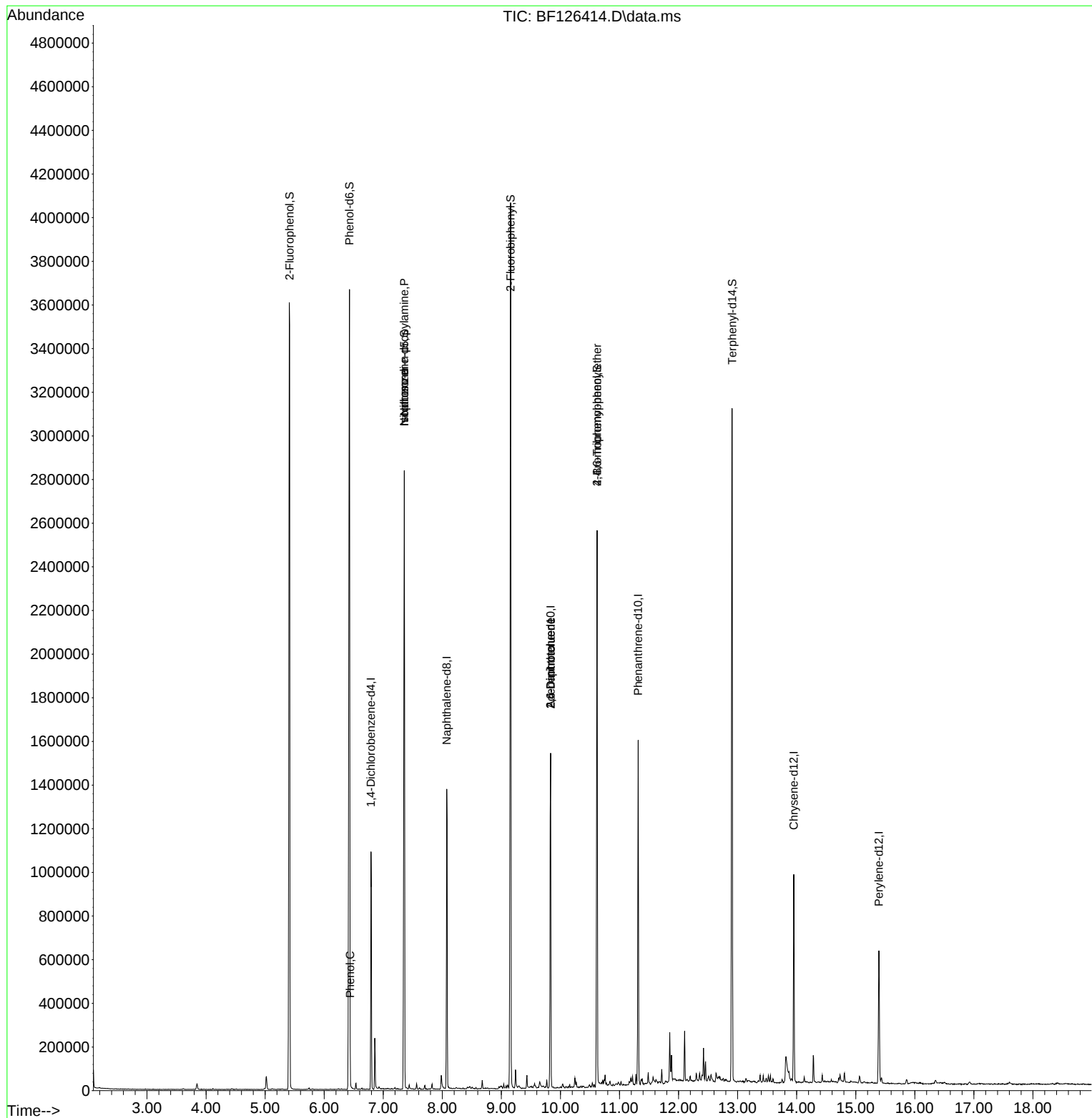
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	147909	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	630220	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	300205	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	504650	20.000	ng	0.00
76) Chrysene-d12	13.951	240	285325	20.000	ng	0.00
86) Perylene-d12	15.392	264	241757	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1187807	115.325	ng	0.01
7) Phenol-d6	6.428	99	1538725	115.345	ng	0.00
23) Nitrobenzene-d5	7.357	82	1060240	86.381	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	295300	127.294	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1306898	76.607	ng	0.00
79) Terphenyl-d14	12.910	244	1132875	77.144	ng	0.00
Target Compounds						
10) Phenol	6.439	94	48590	3.264	ng	Qvalue 89
19) n-Nitroso-di-n-propyla...	7.357	70	136989	17.995	ng	# 81
25) Isophorone	7.357	82	1057379	48.124	ng	# 69
51) 2,6-Dinitrotoluene	9.833	165	38840	9.596	ng	# 21
57) 2,4-Dinitrotoluene	9.833	165	38840	7.438	ng	# 15
67) 4-Bromophenyl-phenylether	10.622	248	15650	3.494	ng	# 1
77) Benzidine	12.904	184	15479	Below Cal		94

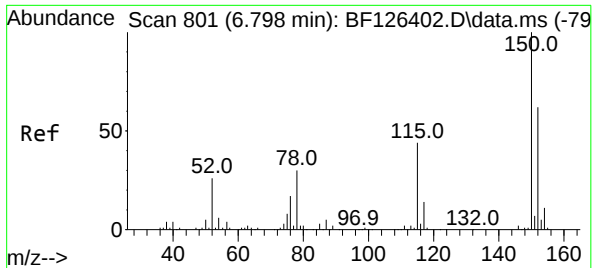
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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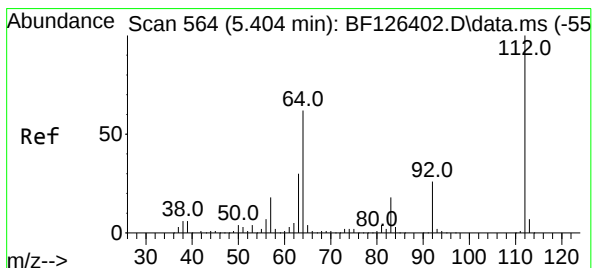
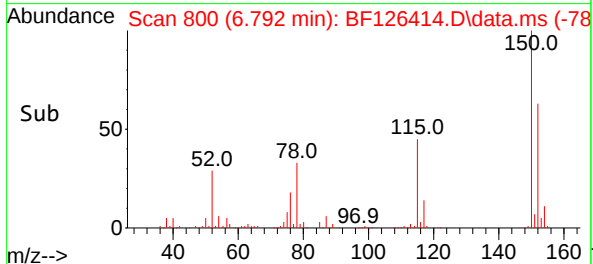
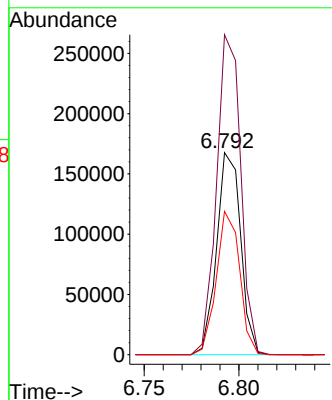
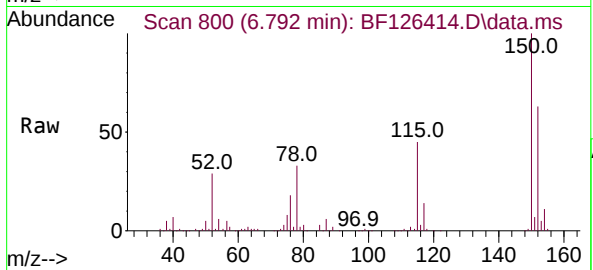




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF126414.D
Acq: 30 Dec 2021 12:07

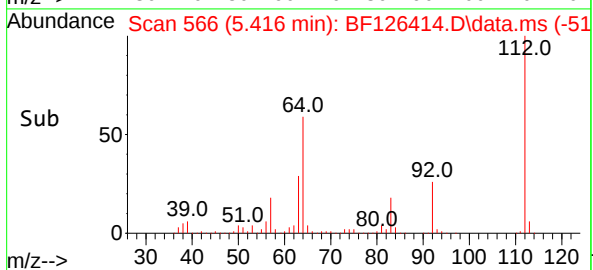
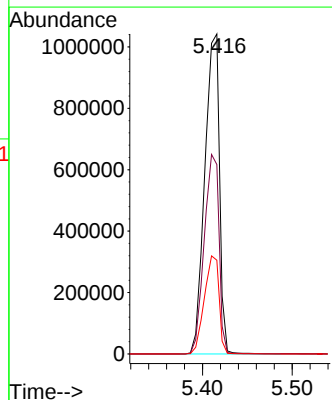
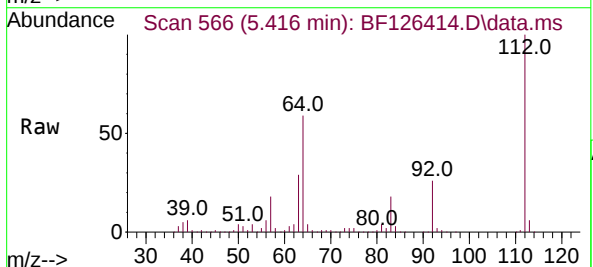
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21

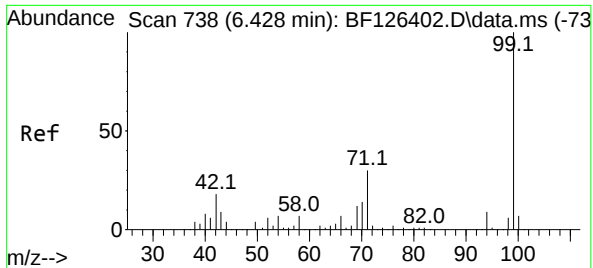
Tgt Ion:152 Resp: 147909
Ion Ratio Lower Upper
152 100
150 158.3 128.1 192.1
115 71.0 56.7 85.1



#5
2-Fluorophenol
Concen: 115.325 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.012 min
Lab File: BF126414.D
Acq: 30 Dec 2021 12:07

Tgt Ion:112 Resp: 1187807
Ion Ratio Lower Upper
112 100
64 59.2 49.5 74.3
63 29.3 23.9 35.9



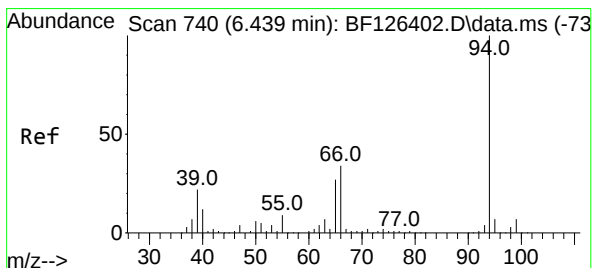
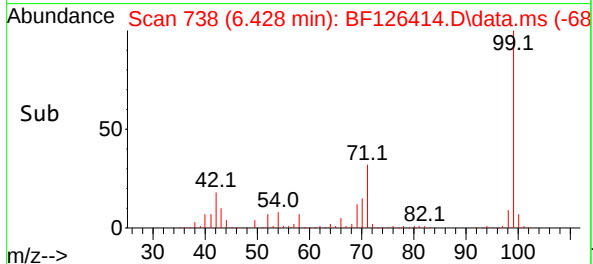
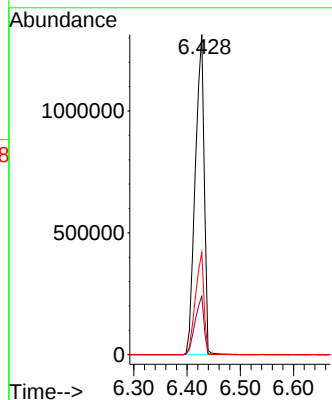
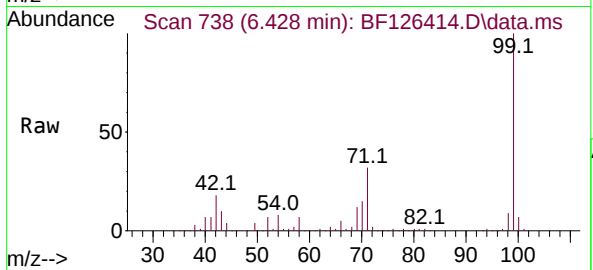


#7
Phenol-d6
Concen: 115.345 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF126414.D
Acq: 30 Dec 2021 12:07

Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21

Tgt Ion: 99 Resp: 1538725

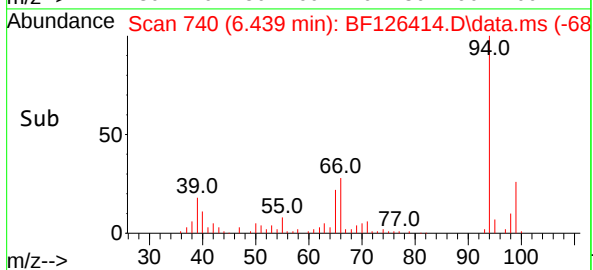
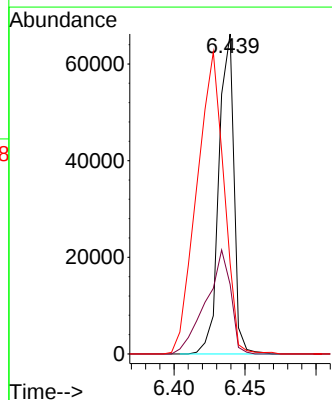
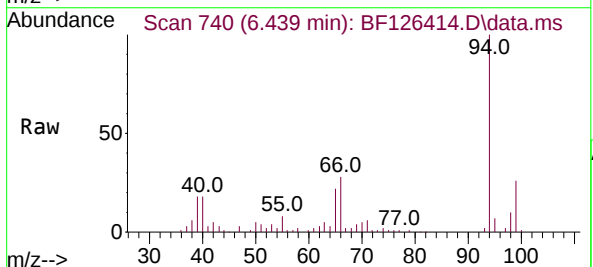
Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.2	21.4
71	31.9	24.3	36.5

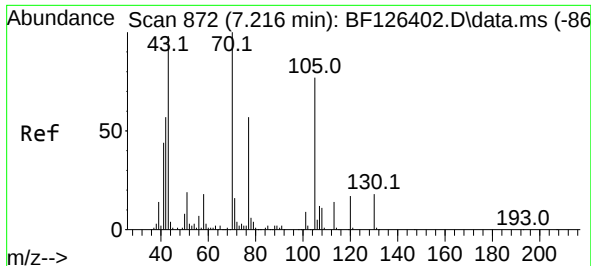


#10
Phenol
Concen: 3.264 ng
RT: 6.439 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF126414.D
Acq: 30 Dec 2021 12:07

Tgt Ion: 94 Resp: 48590

Ion	Ratio	Lower	Upper
94	100		
65	21.8	7.2	47.2
66	28.4	14.5	54.5

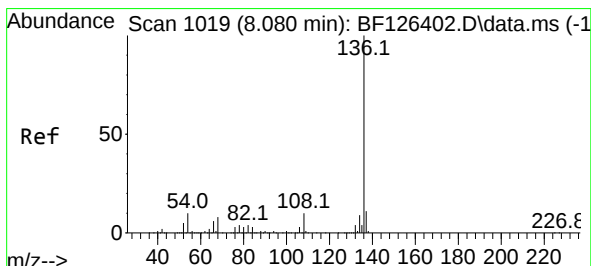
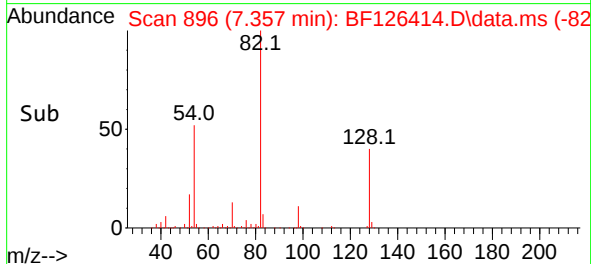
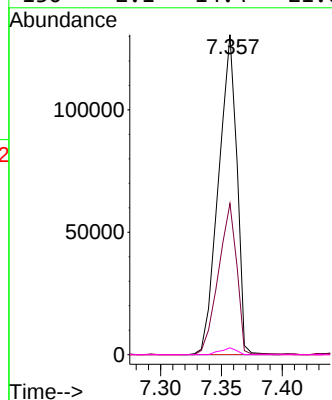
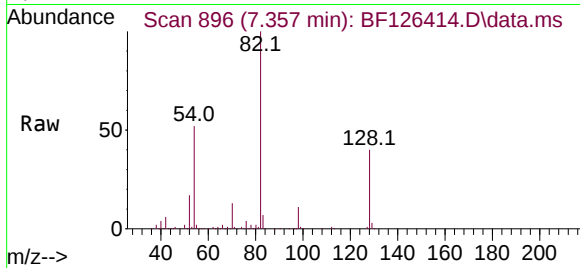




#19
n-Nitroso-di-n-propylamine
Concen: 17.995 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF126414.D
Acq: 30 Dec 2021 12:07

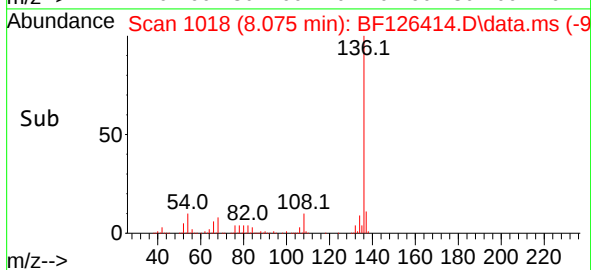
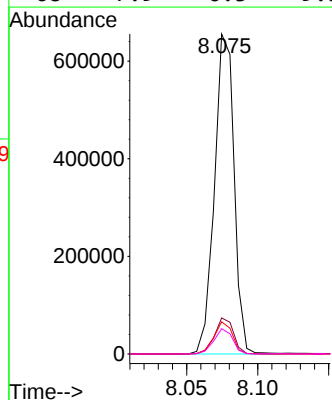
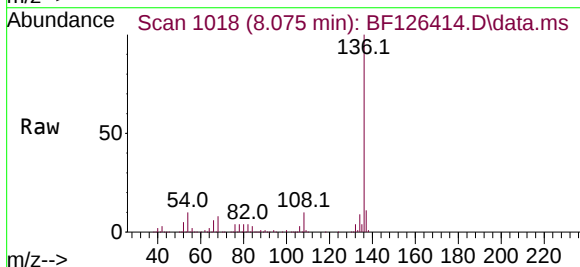
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21

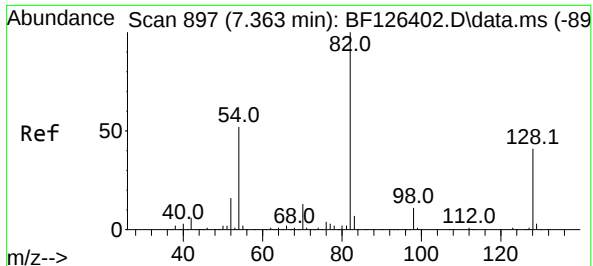
Tgt Ion:	70	Resp:	136989
Ion	Ratio	Lower	Upper
70	100		
42	47.2	45.8	68.8
101	0.0	6.9	10.3#
130	2.1	14.4	21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF126414.D
Acq: 30 Dec 2021 12:07

Tgt Ion:	136	Resp:	630220
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	10.0	7.8	11.6
68	7.9	6.3	9.5





#23

Nitrobenzene-d5

Concen: 86.381 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF126414.D

Acq: 30 Dec 2021 12:07

Instrument :

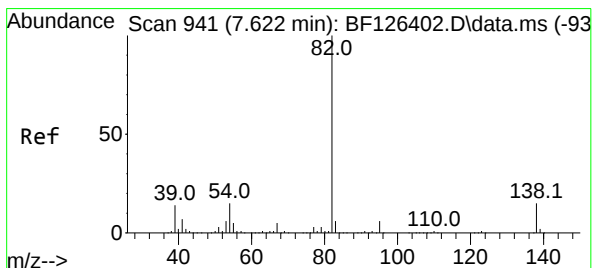
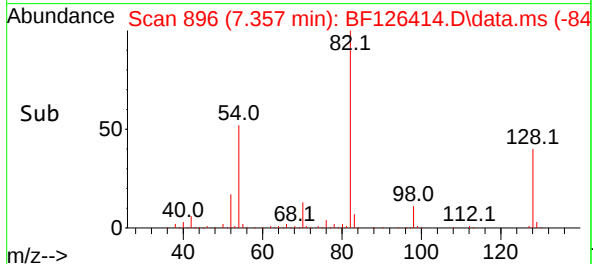
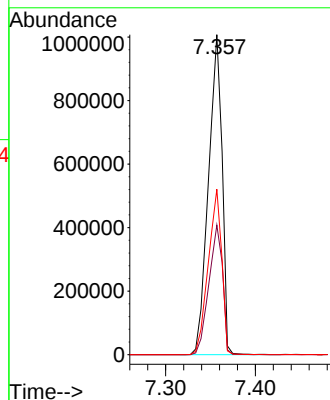
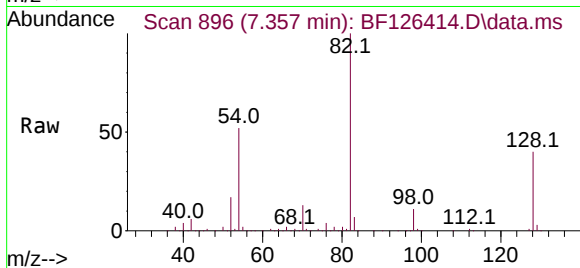
BNA_F

ClientSampleId :

DB-19-(40-45)-12-22-21

Tgt Ion: 82 Resp: 1060240

Ion	Ratio	Lower	Upper
82	100		
128	40.5	32.7	49.1
54	51.7	41.7	62.5



#25

Isophorone

Concen: 48.124 ng

RT: 7.357 min Scan# 896

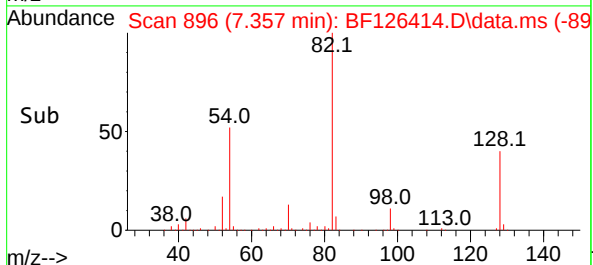
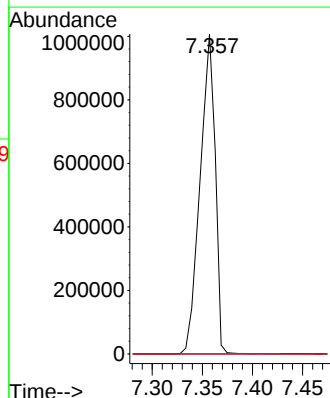
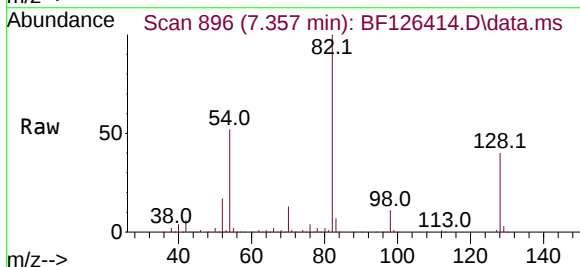
Delta R.T. -0.265 min

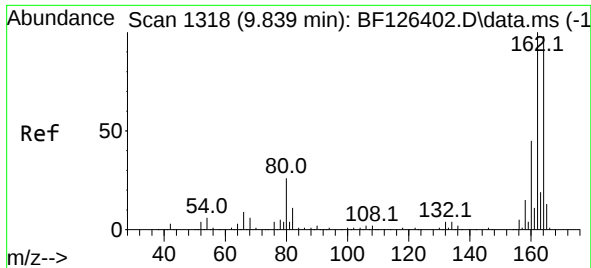
Lab File: BF126414.D

Acq: 30 Dec 2021 12:07

Tgt Ion: 82 Resp: 1057379

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.0	7.4#
138	0.0	12.3	18.5#

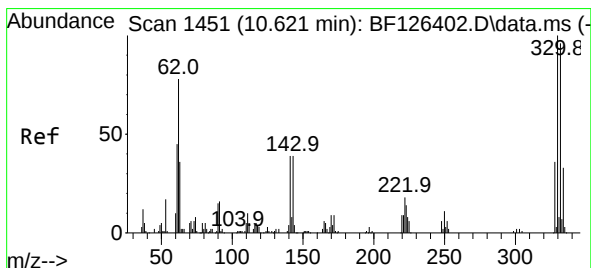
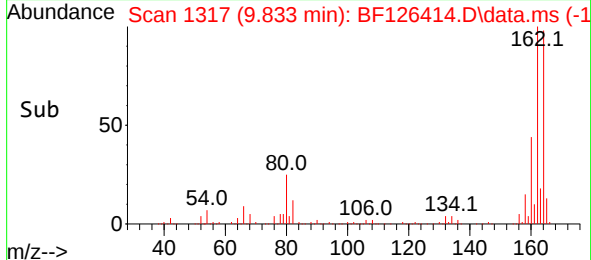
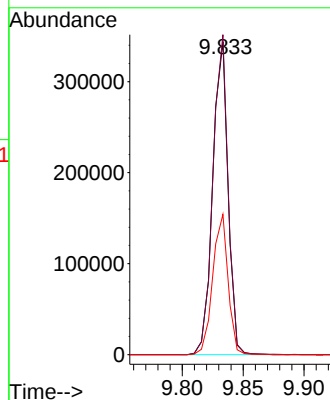
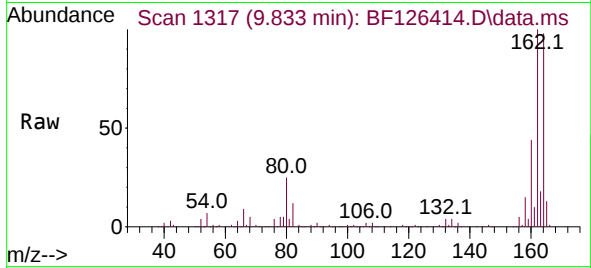




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126414.D
Acq: 30 Dec 2021 12:07

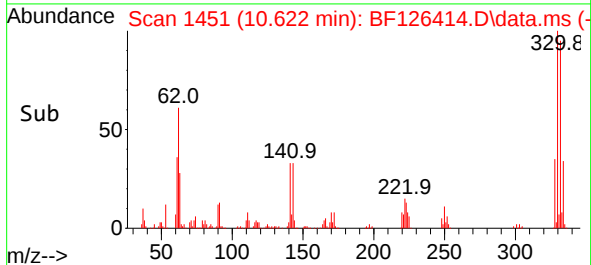
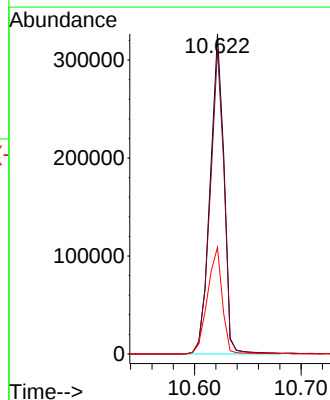
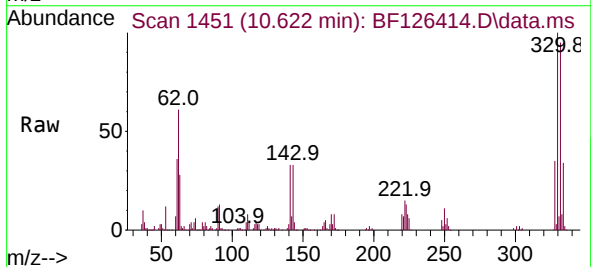
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DB-19-(40-45)-12-22-21

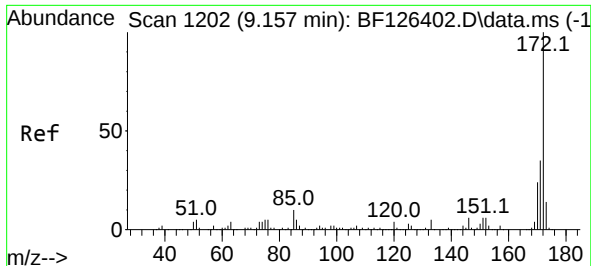
Tgt Ion:164 Resp: 300205
Ion Ratio Lower Upper
164 100
162 102.3 81.4 122.0
160 44.8 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 127.294 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF126414.D
Acq: 30 Dec 2021 12:07

Tgt Ion:330 Resp: 295300
Ion Ratio Lower Upper
330 100
332 95.5 76.0 114.0
141 35.8 30.1 45.1

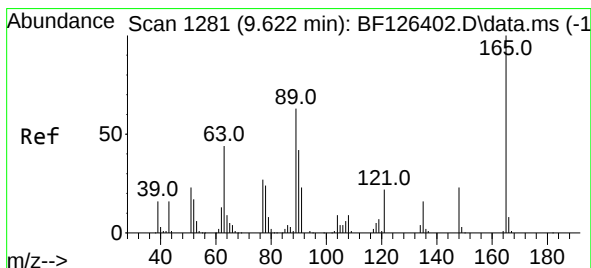
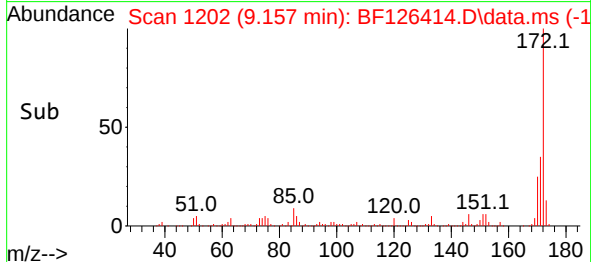
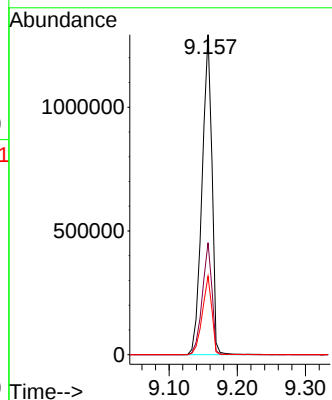
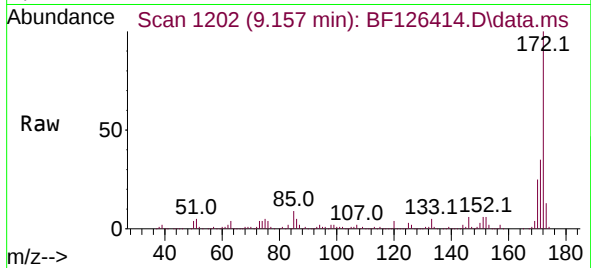




#45
2-Fluorobiphenyl
Concen: 76.607 ng
RT: 9.157 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF126414.D
Acq: 30 Dec 2021 12:07

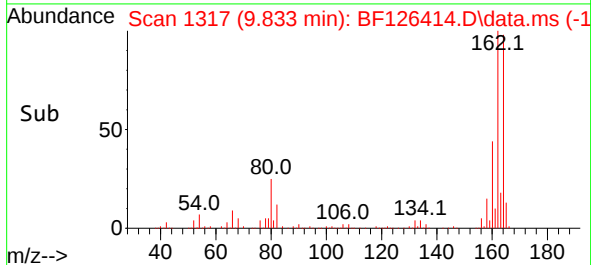
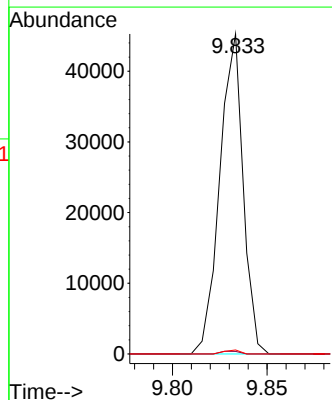
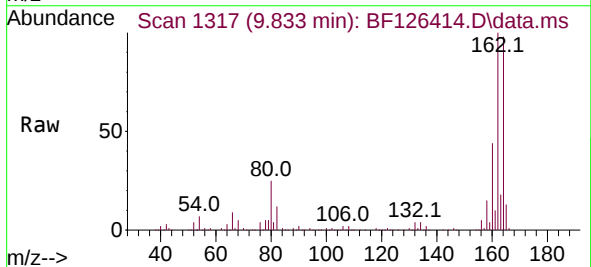
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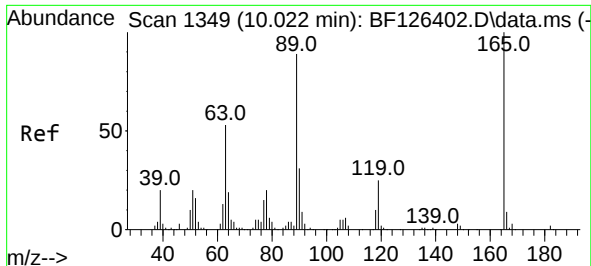
Tgt Ion:172 Resp: 1306898
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 24.5 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 9.596 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.212 min
Lab File: BF126414.D
Acq: 30 Dec 2021 12:07

Tgt Ion:165 Resp: 38840
Ion Ratio Lower Upper
165 100
63 0.8 48.4 72.6#
89 1.3 50.5 75.7#

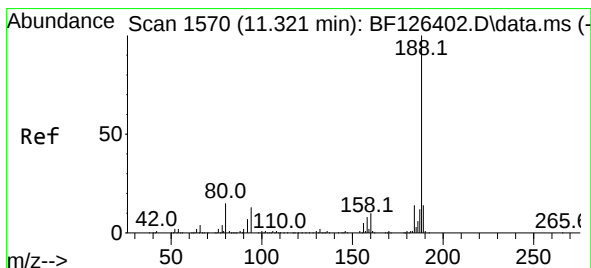
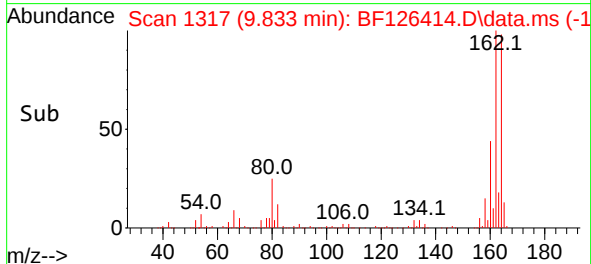
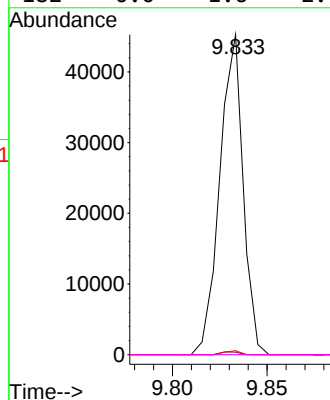
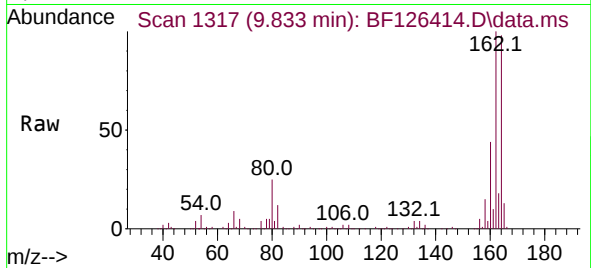




#57
2,4-Dinitrotoluene
Concen: 7.438 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126414.D
Acq: 30 Dec 2021 12:07

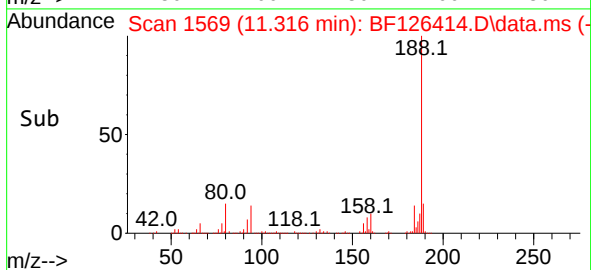
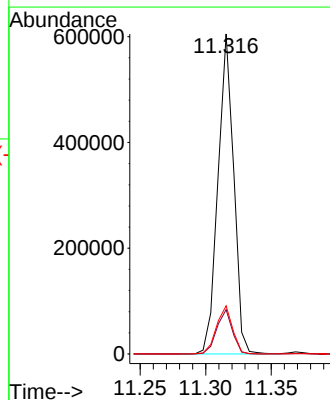
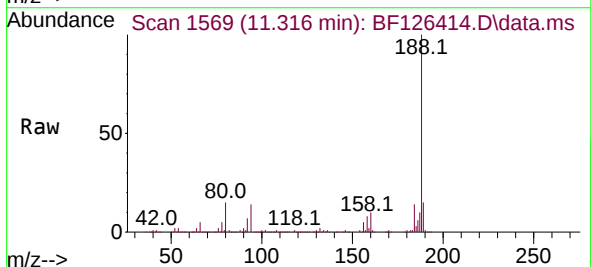
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21

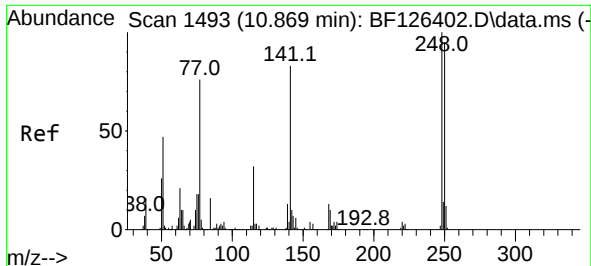
Tgt Ion:165 Resp: 38840
Ion Ratio Lower Upper
165 100
63 0.8 43.0 64.6#
89 1.3 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF126414.D
Acq: 30 Dec 2021 12:07

Tgt Ion:188 Resp: 504650
Ion Ratio Lower Upper
188 100
94 13.8 10.1 15.1
80 15.1 11.8 17.6

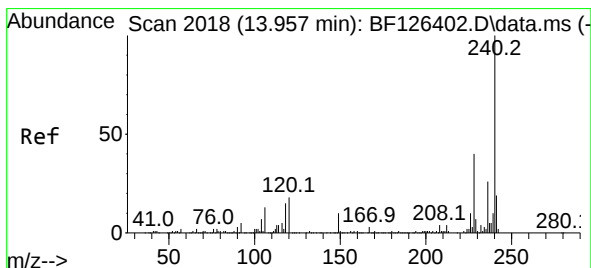
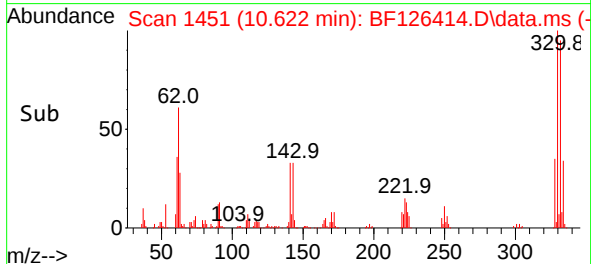
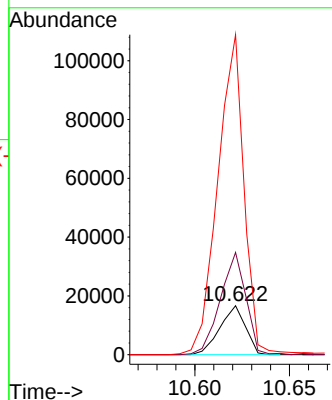
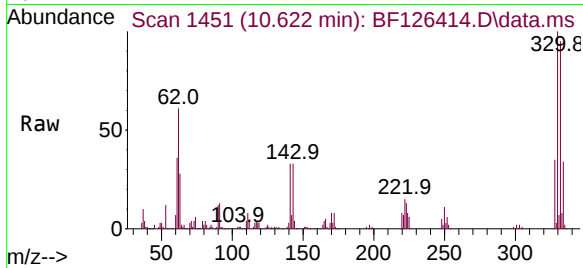




#67
4-Bromophenyl-phenylether
Concen: 3.494 ng
RT: 10.622 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF126414.D
Acq: 30 Dec 2021 12:07

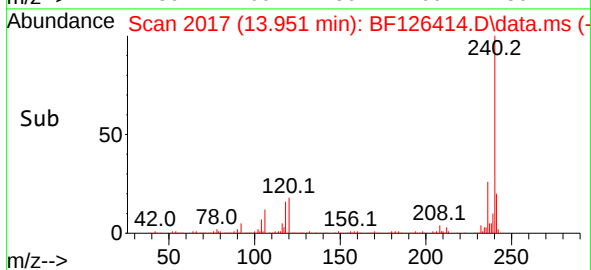
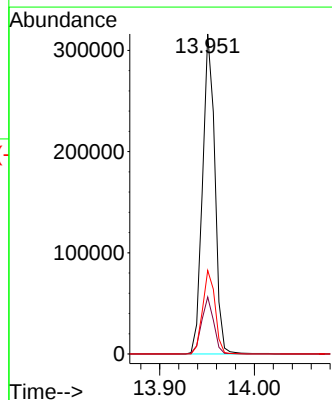
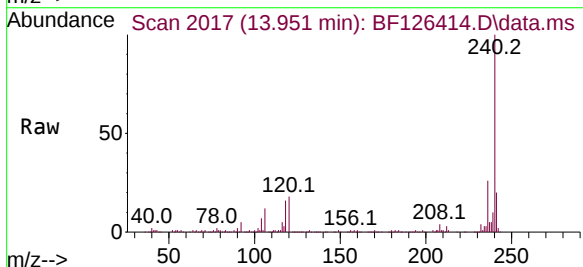
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21

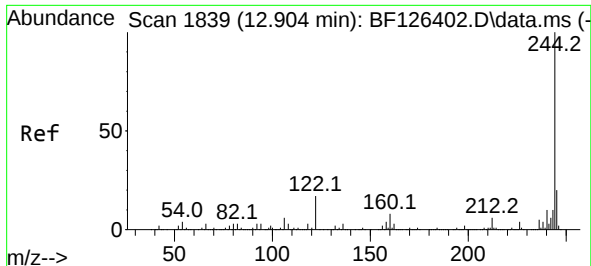
Tgt Ion:248 Resp: 15650
Ion Ratio Lower Upper
248 100
250 208.7 76.2 114.4#
141 653.3 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF126414.D
Acq: 30 Dec 2021 12:07

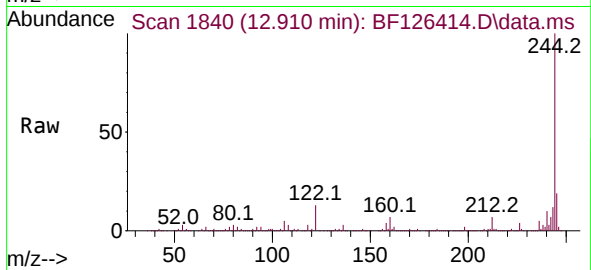
Tgt Ion:240 Resp: 285325
Ion Ratio Lower Upper
240 100
120 17.8 14.4 21.6
236 26.1 20.5 30.7



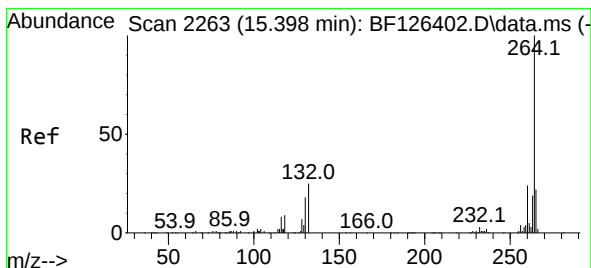
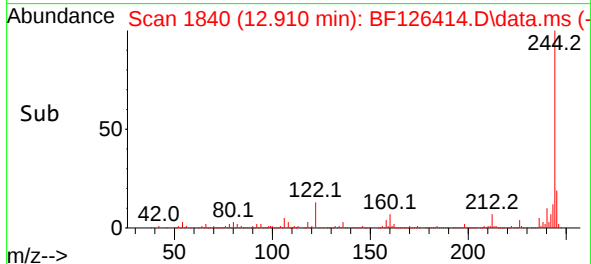
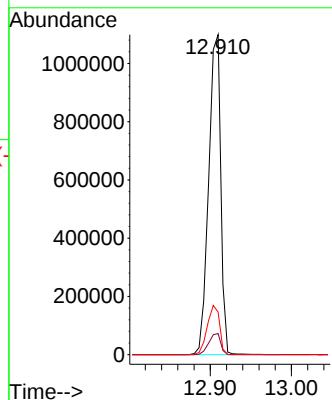


#79
 Terphenyl-d14
 Concen: 77.144 ng
 RT: 12.910 min Scan# 1839
 Delta R.T. 0.006 min
 Lab File: BF126414.D
 Acq: 30 Dec 2021 12:07

Instrument :
 BNA_F
 ClientSampleId :
 DB-19-(40-45)-12-22-21



Tgt Ion:244 Resp: 1132875
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.0 7.4
 122 13.3 13.3 19.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.392 min Scan# 2262
 Delta R.T. -0.006 min
 Lab File: BF126414.D
 Acq: 30 Dec 2021 12:07

Tgt Ion:264 Resp: 241757
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.2 28.8
 265 20.3 17.4 26.2

