

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121621\
 Data File : BF126214.D
 Acq On : 16 Dec 2021 16:26
 Operator : JU/CG
 Sample : M5073-01 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 16 16:54:10 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 12:22:48 2021
 Response via : Initial Calibration

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

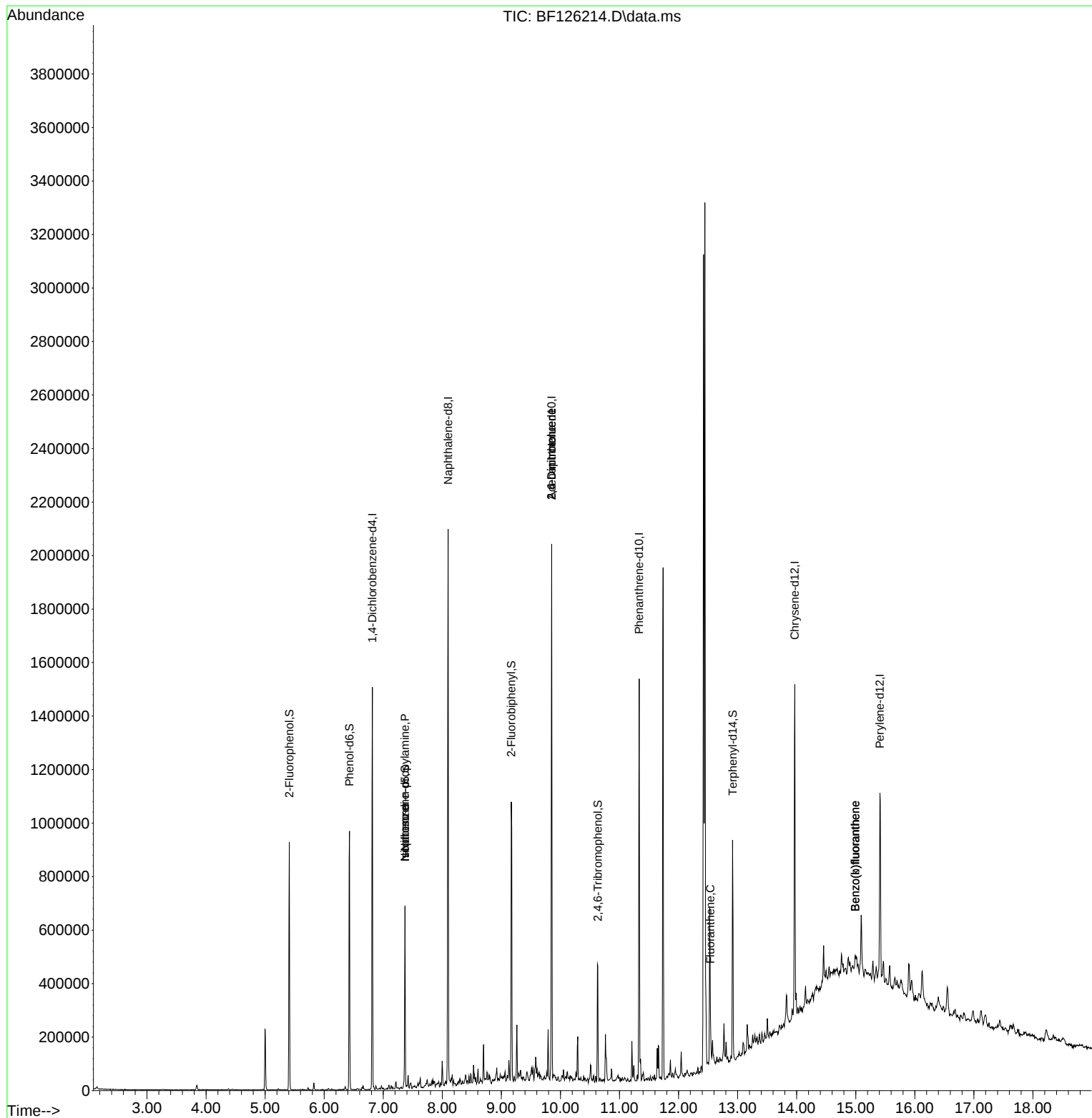
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	196322	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	815142	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	348799	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	483913	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	391243	20.000	ng	# 0.00
86) Perylene-d12	15.409	264	299347	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	236154	17.714	ng	-0.01
7) Phenol-d6	6.428	99	310976	18.371	ng	-0.02
23) Nitrobenzene-d5	7.369	82	183509	12.193	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	44414	15.845	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	304615	15.317	ng	-0.01
79) Terphenyl-d14	12.916	244	226953	10.083	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	24115	2.321	ng	# 57
25) Isophorone	7.369	82	174079	6.125	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	46810	9.788	ng	# 28
57) 2,4-Dinitrotoluene	9.851	165	46810	7.673	ng	# 19
75) Fluoranthene	12.539	202	52429	2.330	ng	88
88) Benzo(b)fluoranthene	14.992	252	40265	2.239	ng	# 72
89) Benzo(k)fluoranthene	14.992	252	40265	2.340	ng	# 73

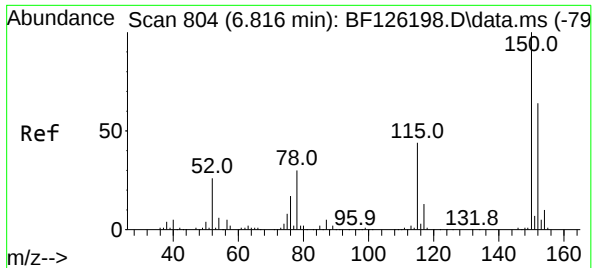
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121621\
Data File : BF126214.D
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

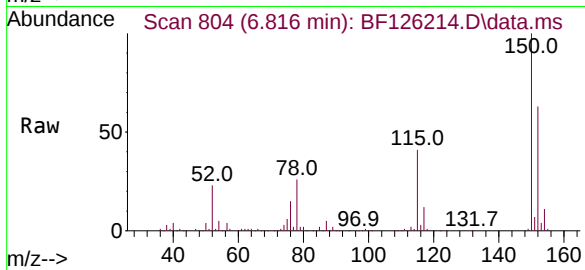
Quant Time: Dec 16 16:54:10 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 12:22:48 2021
Response via : Initial Calibration



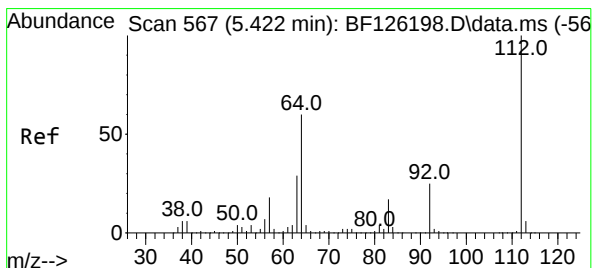
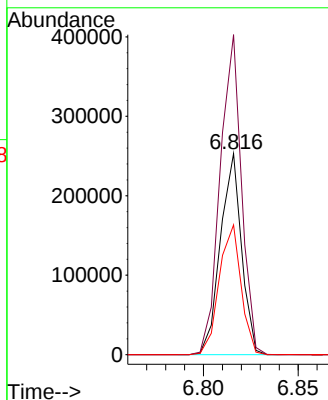
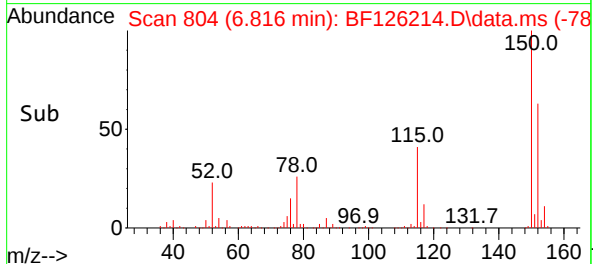


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126214.D
Acq: 16 Dec 2021 16:26

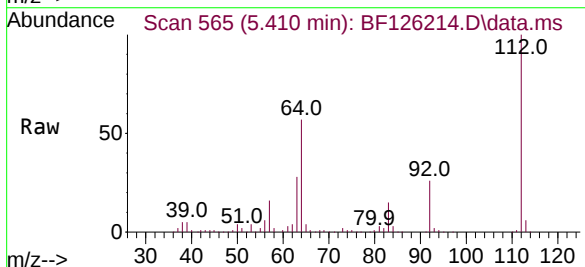
Instrument :
BNA_F
ClientSampleId :



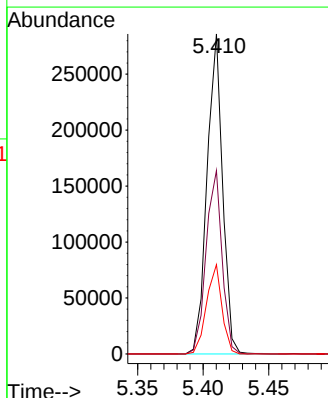
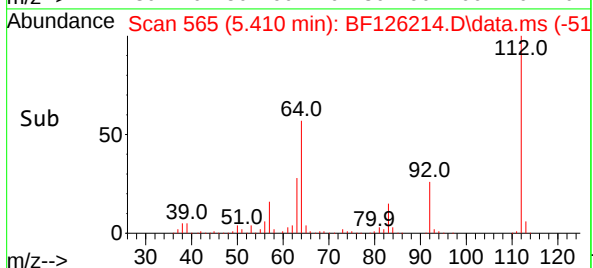
Tgt Ion:152 Resp: 196322
Ion Ratio Lower Upper
152 100
150 159.1 117.6 176.4
115 64.5 47.1 70.7

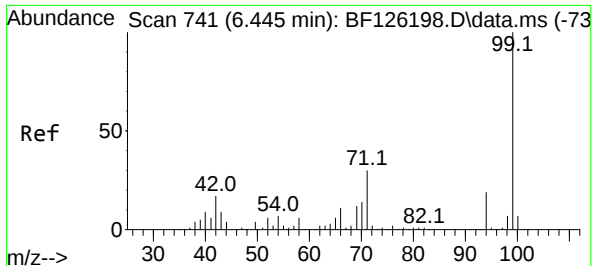


#5
2-Fluorophenol
Concen: 17.714 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.012 min
Lab File: BF126214.D
Acq: 16 Dec 2021 16:26



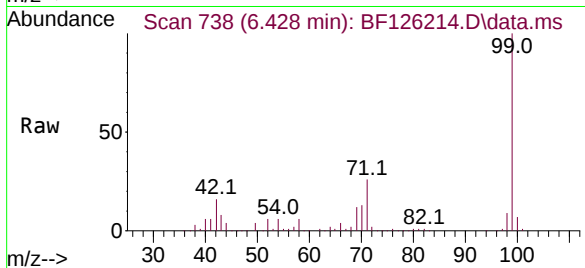
Tgt Ion:112 Resp: 236154
Ion Ratio Lower Upper
112 100
64 57.3 44.2 66.2
63 27.9 26.2 39.2



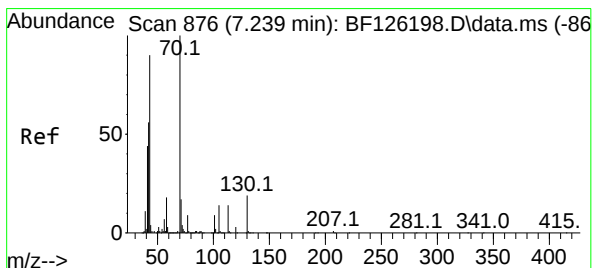
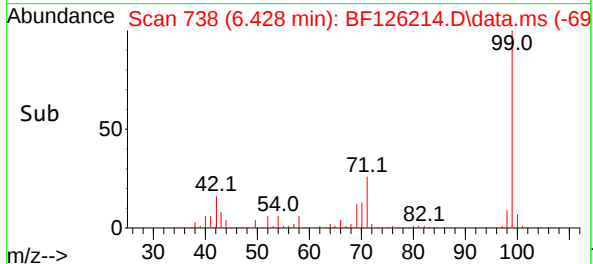
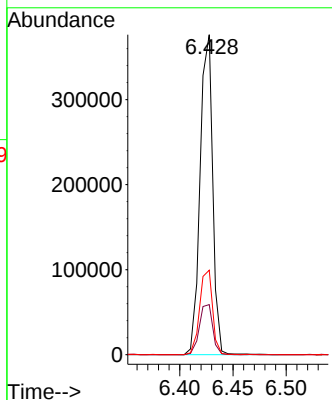


#7
Phenol-d6
Concen: 18.371 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF126214.D
Acq: 16 Dec 2021 16:26

Instrument :
BNA_F
ClientSampleId :

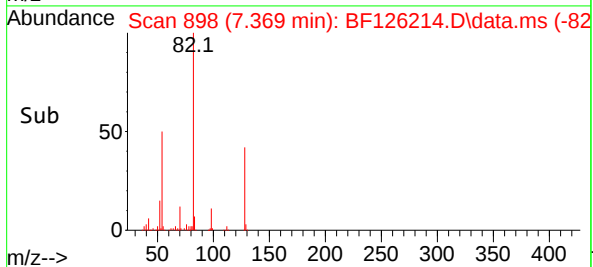
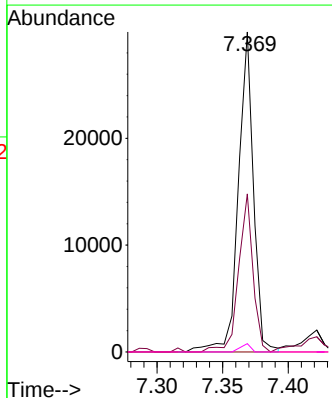
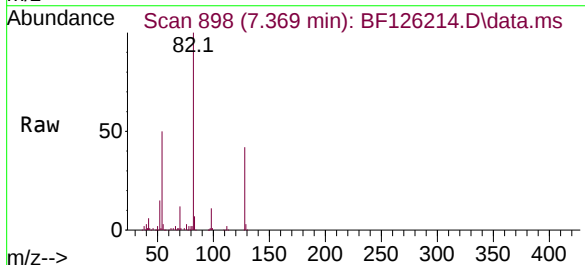


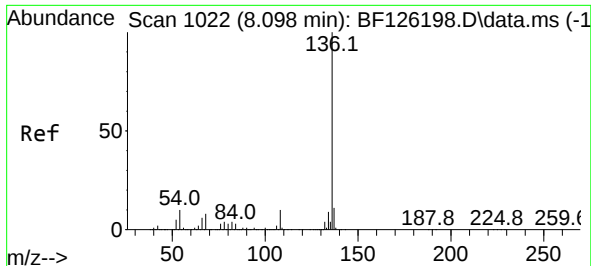
Tgt Ion: 99 Resp: 310976
Ion Ratio Lower Upper
99 100
42 15.7 23.5 35.3#
71 26.4 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 2.321 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.130 min
Lab File: BF126214.D
Acq: 16 Dec 2021 16:26

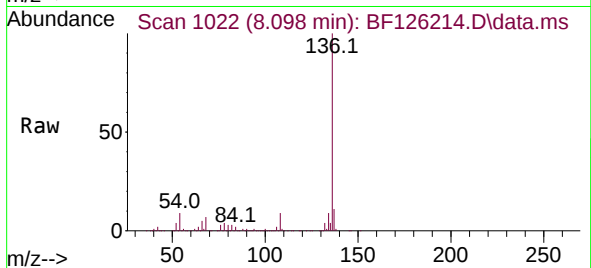
Tgt Ion: 70 Resp: 24115
Ion Ratio Lower Upper
70 100
42 49.4 72.2 108.2#
101 0.0 7.8 11.8#
130 2.6 21.8 32.6#



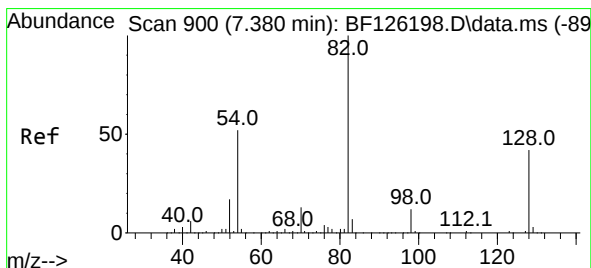
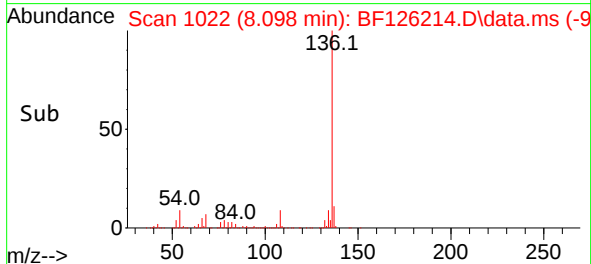
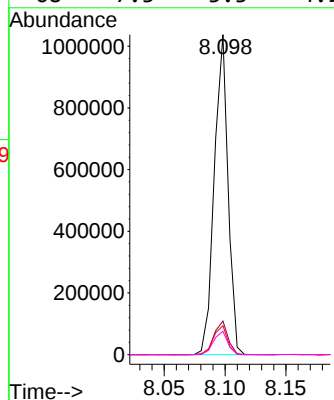


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126214.D
Acq: 16 Dec 2021 16:26

Instrument :
BNA_F
ClientSampleId :

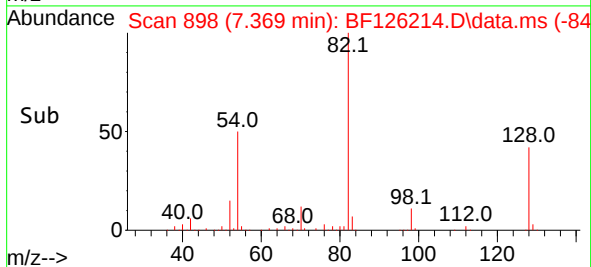
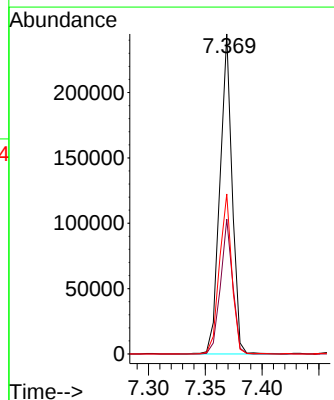
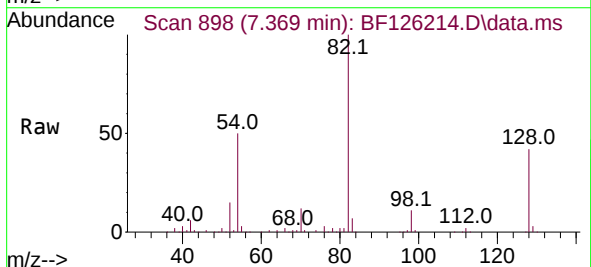


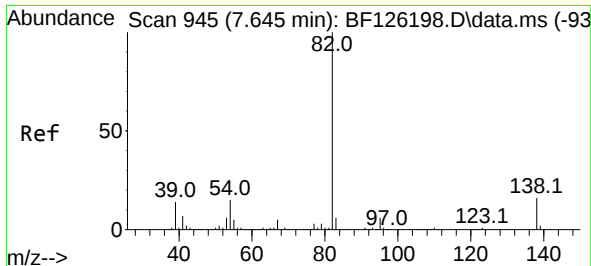
Tgt Ion:	136	Resp:	815142
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.8	14.6
54	9.1	6.4	9.6
68	7.3	3.3	4.9



#23
Nitrobenzene-d5
Concen: 12.193 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF126214.D
Acq: 16 Dec 2021 16:26

Tgt Ion:	82	Resp:	183509
Ion	Ratio	Lower	Upper
82	100		
128	42.2	40.6	60.8
54	50.0	49.6	74.4

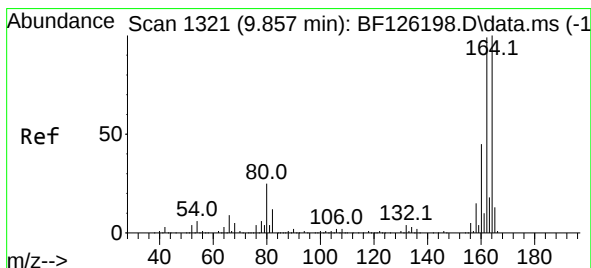
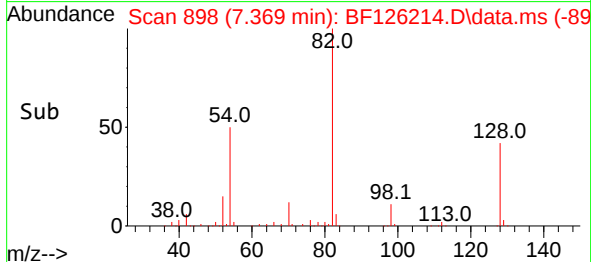
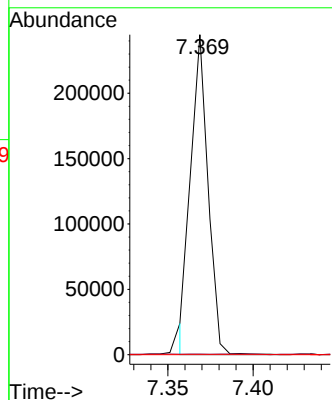
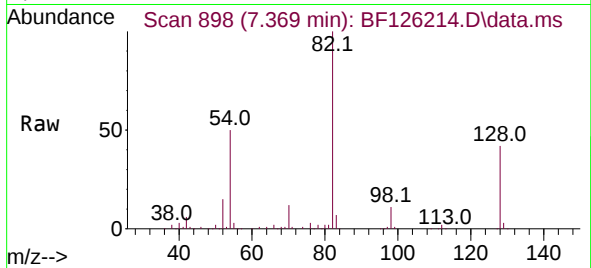




#25
Isophorone
Concen: 6.125 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF126214.D
Acq: 16 Dec 2021 16:26

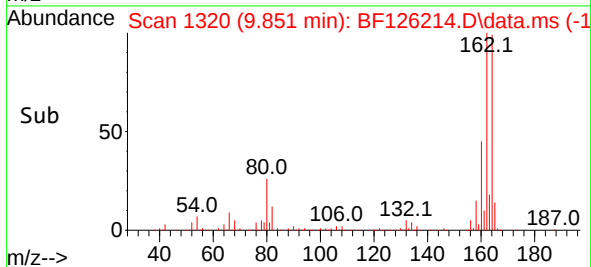
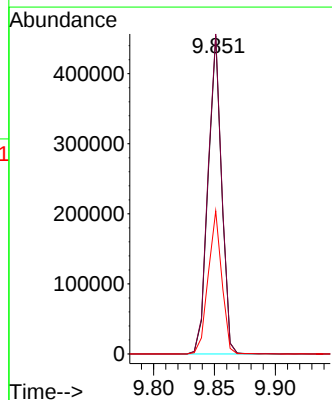
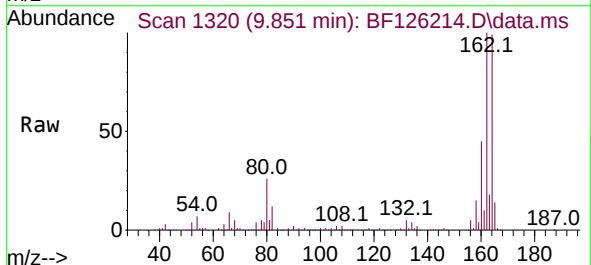
Instrument :
BNA_F
ClientSampleId :

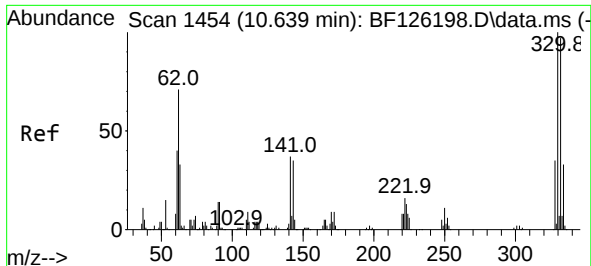
Tgt Ion: 82 Resp: 174079
Ion Ratio Lower Upper
82 100
95 0.2 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF126214.D
Acq: 16 Dec 2021 16:26

Tgt Ion: 164 Resp: 348799
Ion Ratio Lower Upper
164 100
162 100.6 81.3 121.9
160 45.0 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 15.845 ng

RT: 10.633 min Scan# 1454

Delta R.T. -0.006 min

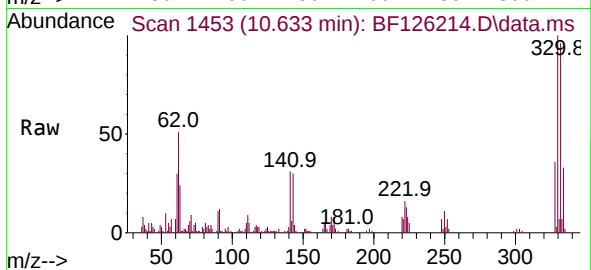
Lab File: BF126214.D

Acq: 16 Dec 2021 16:26

Instrument :

BNA_F

ClientSampleId :



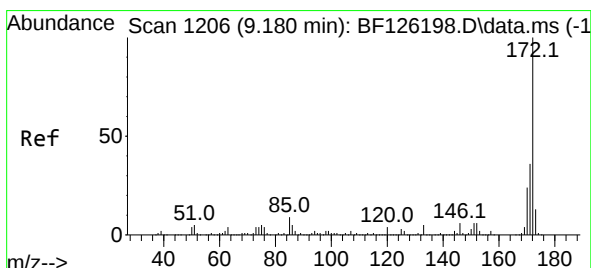
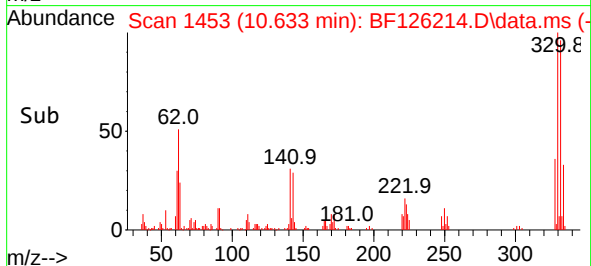
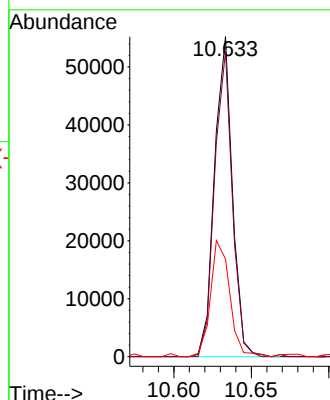
Tgt Ion:330 Resp: 44414

Ion Ratio Lower Upper

330 100

332 94.0 76.2 114.4

141 39.0 44.6 66.8#



#45

2-Fluorobiphenyl

Concen: 15.317 ng

RT: 9.169 min Scan# 1204

Delta R.T. -0.012 min

Lab File: BF126214.D

Acq: 16 Dec 2021 16:26

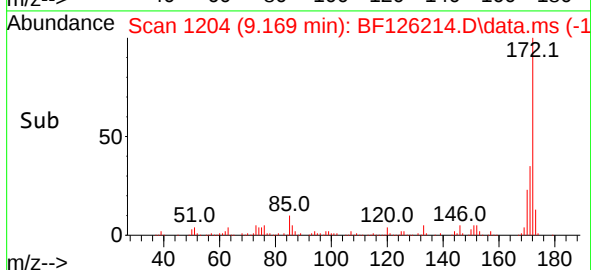
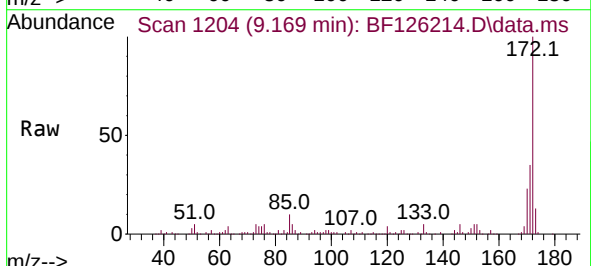
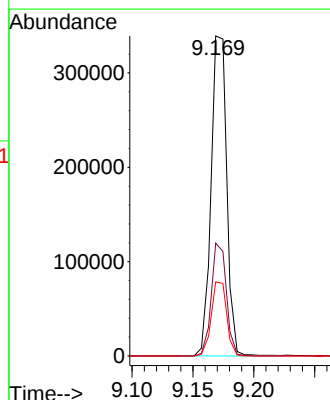
Tgt Ion:172 Resp: 304615

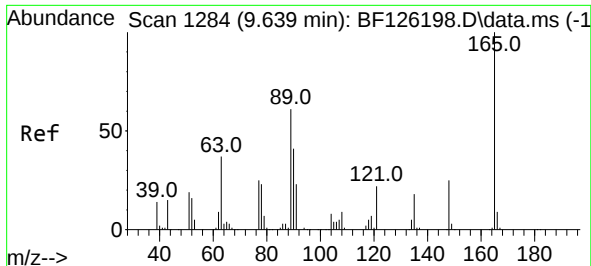
Ion Ratio Lower Upper

172 100

171 35.2 26.5 39.7

170 23.1 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 9.788 ng

RT: 9.851 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF126214.D

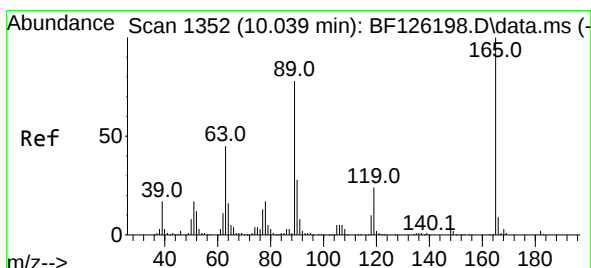
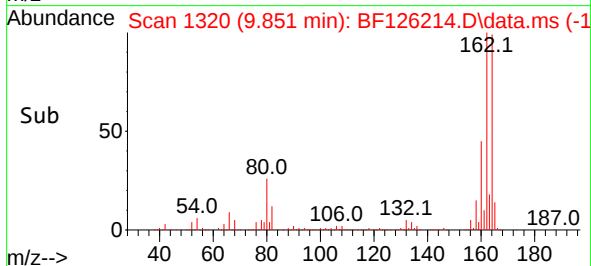
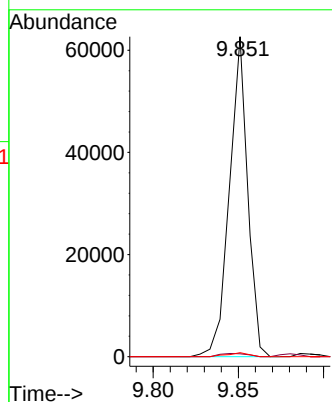
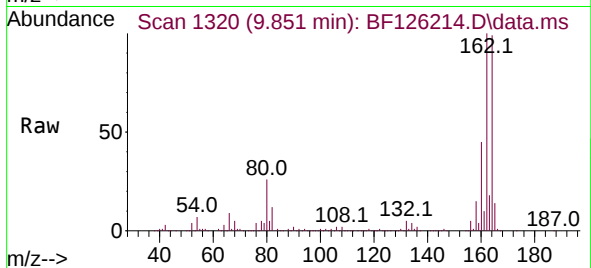
Acq: 16 Dec 2021 16:26

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:165 Resp: 46810
 Ion Ratio Lower Upper
 165 100
 63 0.9 42.6 63.8#
 89 1.2 40.6 60.8#



#57

2,4-Dinitrotoluene

Concen: 7.673 ng

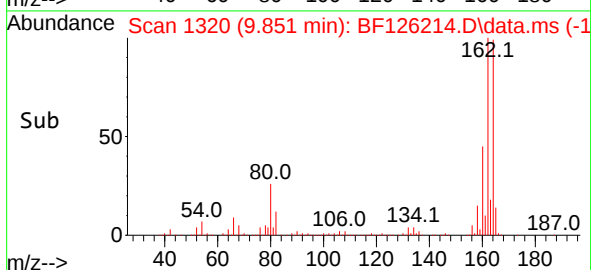
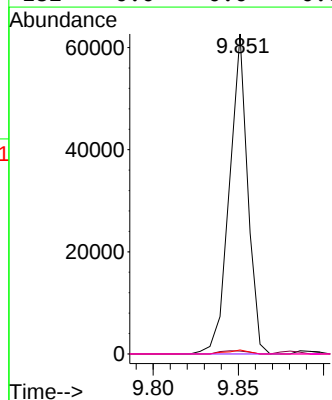
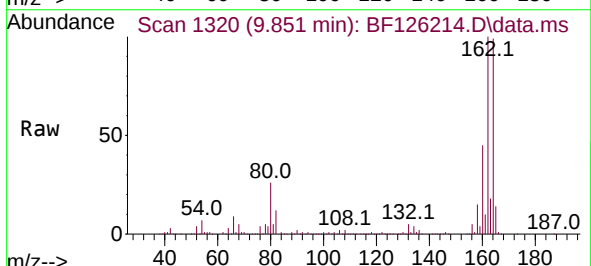
RT: 9.851 min Scan# 1320

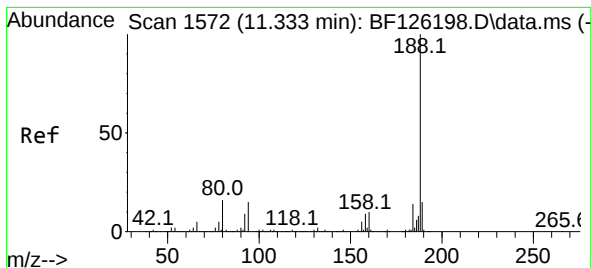
Delta R.T. -0.188 min

Lab File: BF126214.D

Acq: 16 Dec 2021 16:26

Tgt Ion:165 Resp: 46810
 Ion Ratio Lower Upper
 165 100
 63 0.9 40.9 61.3#
 89 1.2 59.7 89.5#
 182 0.0 0.0 0.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.333 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF126214.D

Acq: 16 Dec 2021 16:26

Instrument :

BNA_F

ClientSampleId :

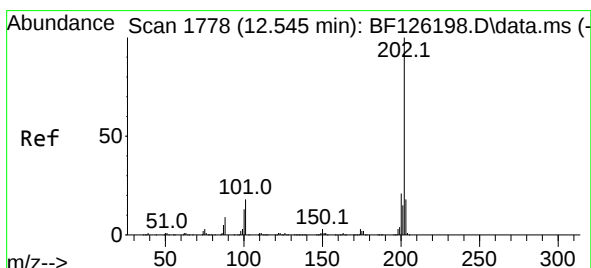
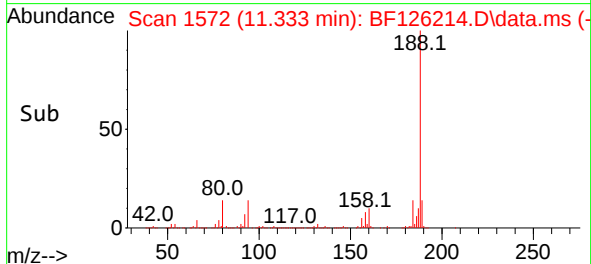
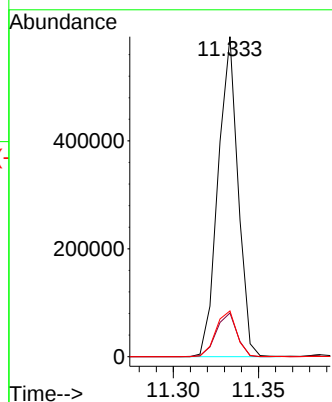
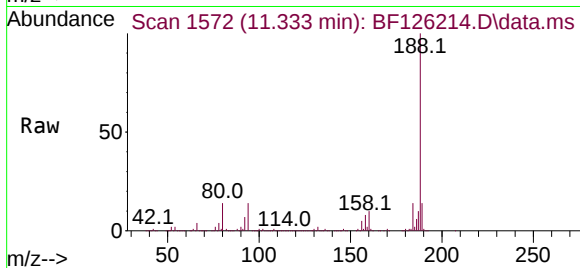
Tgt Ion:188 Resp: 483913

Ion Ratio Lower Upper

188 100

94 13.7 6.7 10.1#

80 14.3 7.5 11.3#



#75

Fluoranthene

Concen: 2.330 ng

RT: 12.539 min Scan# 1777

Delta R.T. -0.006 min

Lab File: BF126214.D

Acq: 16 Dec 2021 16:26

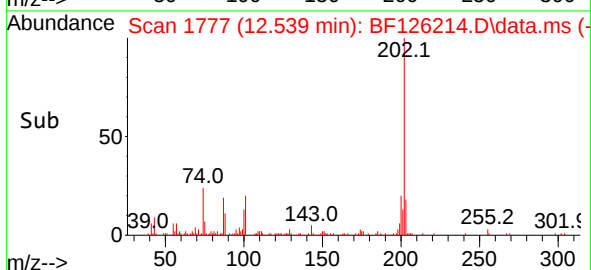
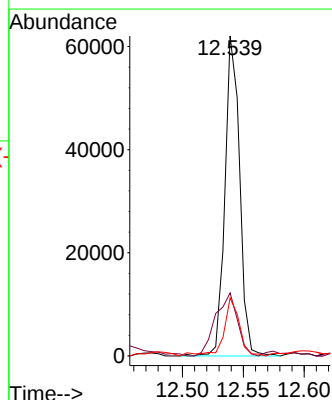
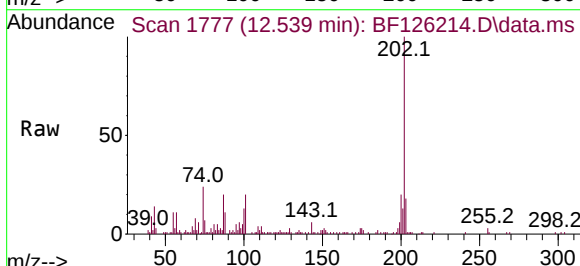
Tgt Ion:202 Resp: 52429

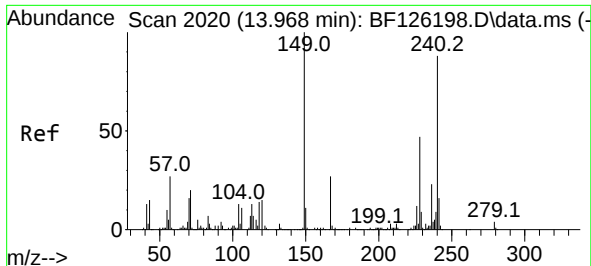
Ion Ratio Lower Upper

202 100

101 19.7 0.0 30.7

203 18.1 0.0 36.3

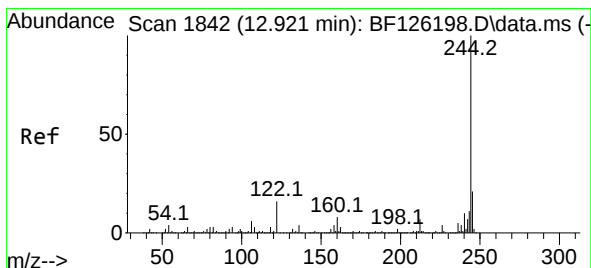
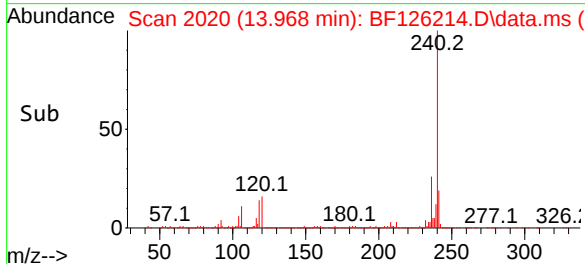
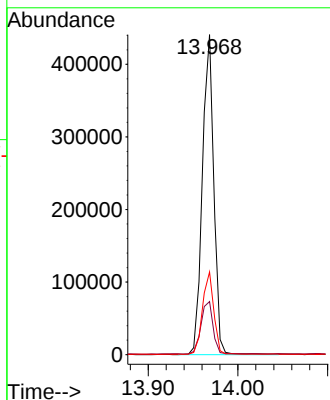
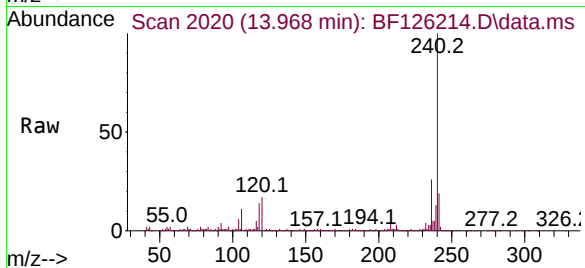




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF126214.D
Acq: 16 Dec 2021 16:26

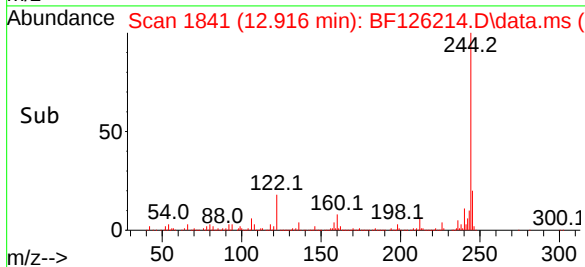
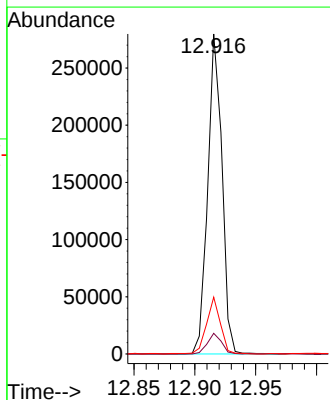
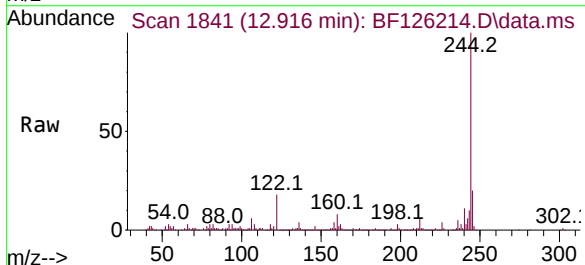
Instrument :
BNA_F
ClientSampleId :

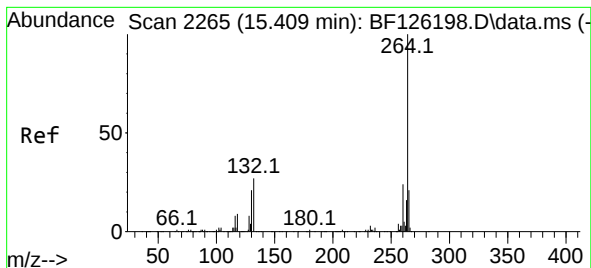
Tgt Ion:240 Resp: 391243
Ion Ratio Lower Upper
240 100
120 16.6 10.8 16.2#
236 25.9 21.6 32.4



#79
Terphenyl-d14
Concen: 10.083 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BF126214.D
Acq: 16 Dec 2021 16:26

Tgt Ion:244 Resp: 226953
Ion Ratio Lower Upper
244 100
212 6.4 5.9 8.9
122 17.8 9.0 13.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.409 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF126214.D

Acq: 16 Dec 2021 16:26

Instrument :

BNA_F

ClientSampleId :

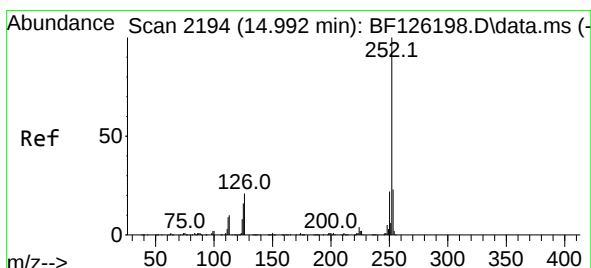
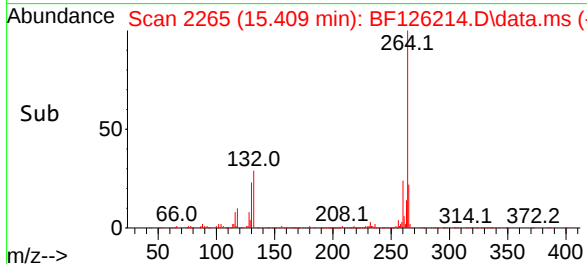
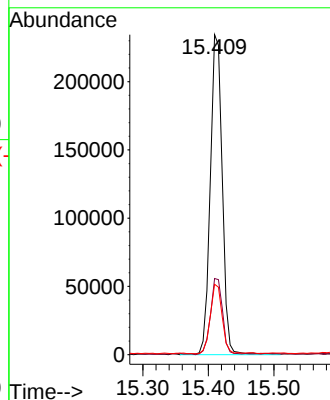
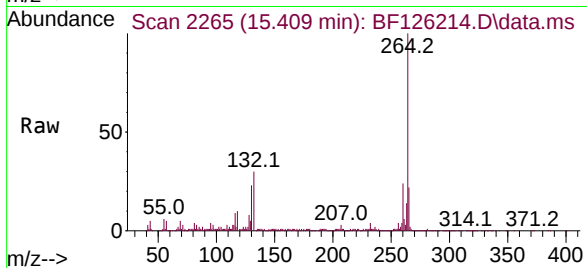
Tgt Ion:264 Resp: 299347

Ion Ratio Lower Upper

264 100

260 23.8 19.6 29.4

265 22.0 17.2 25.8



#88

Benzo(b)fluoranthene

Concen: 2.239 ng

RT: 14.992 min Scan# 2194

Delta R.T. 0.000 min

Lab File: BF126214.D

Acq: 16 Dec 2021 16:26

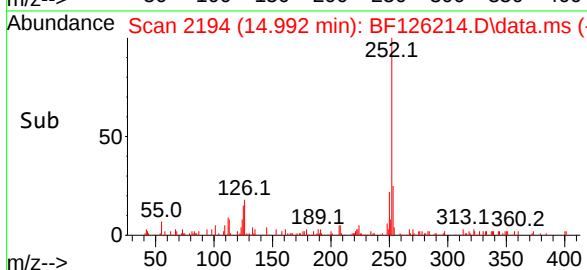
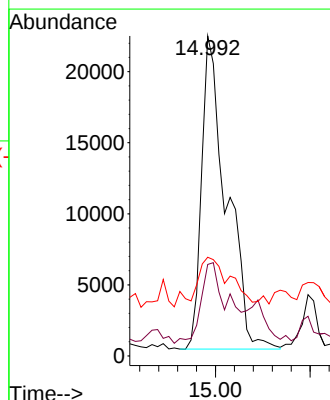
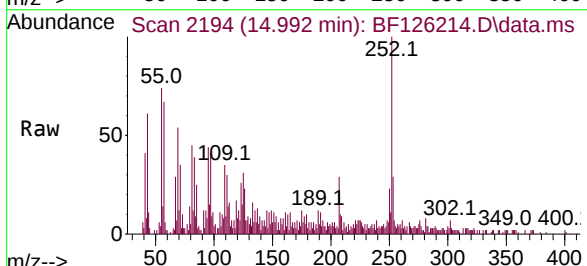
Tgt Ion:252 Resp: 40265

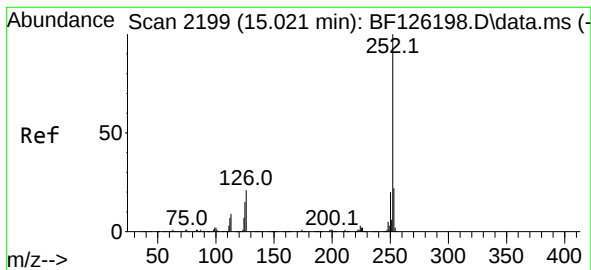
Ion Ratio Lower Upper

252 100

253 28.6 16.8 25.2#

125 30.9 9.8 14.8#





#89

Benzo(k)fluoranthene

Concen: 2.340 ng

RT: 14.992 min Scan# 21

Delta R.T. -0.029 min

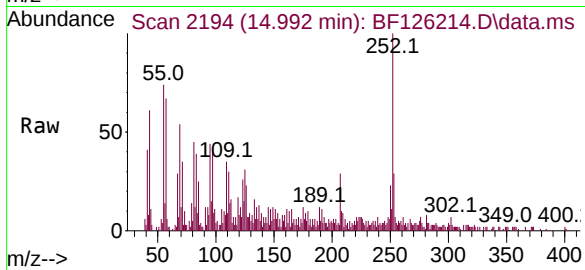
Lab File: BF126214.D

Acq: 16 Dec 2021 16:26

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:252 Resp: 40265

Ion Ratio Lower Upper

252 100

253 28.6 17.8 26.8#

125 30.9 7.2 10.8#

