

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010422\
 Data File : BF126483.D
 Acq On : 4 Jan 2022 23:12
 Operator : JU/CG
 Sample : M5338-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-1

Quant Time: Jan 05 02:02:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 01:57:07 2022
 Response via : Initial Calibration

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

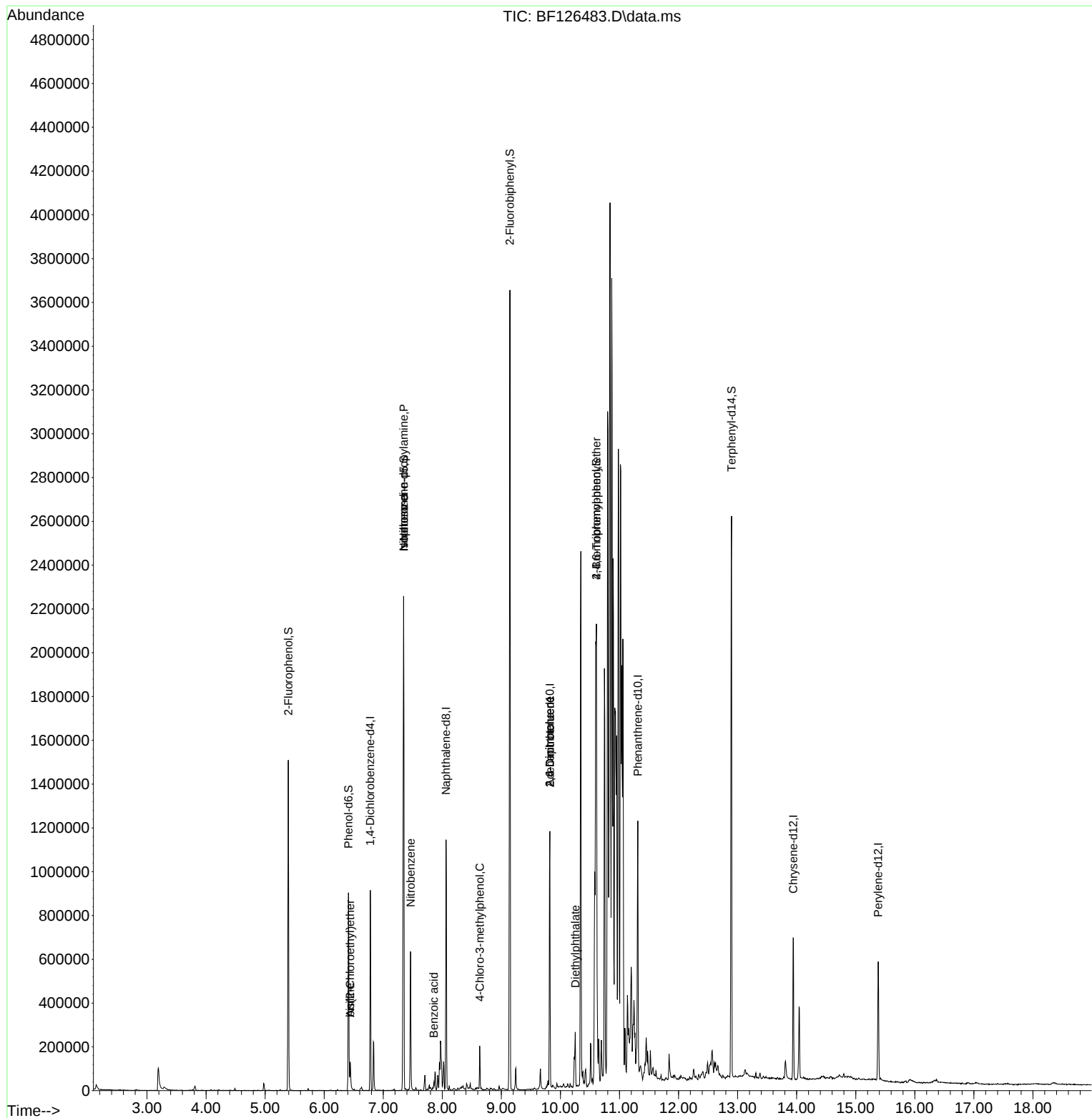
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	122031	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	509263	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	227908	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	346904	20.000	ng	0.00
76) Chrysene-d12	13.945	240	220543	20.000	ng	0.00
86) Perylene-d12	15.380	264	211165	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	416865	49.057	ng	0.00
7) Phenol-d6	6.410	99	300959	27.344	ng	-0.01
23) Nitrobenzene-d5	7.345	82	856353	86.341	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	225323	127.941	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1152225	88.966	ng	0.00
79) Terphenyl-d14	12.898	244	907553	79.953	ng	0.00
Target Compounds						Qvalue
6) Aniline	6.439	93	54263	3.965	ng	97
11) bis(2-Chloroethyl)ether	6.439	93	54263	5.786	ng	# 22
19) n-Nitroso-di-n-propyla...	7.345	70	107437	17.106	ng	# 81
24) Nitrobenzene	7.463	77	141357	14.243	ng	# 43
25) Isophorone	7.345	82	853851	48.091	ng	# 69
32) Benzoic acid	7.857	122	109	7.094	ng	# 1
36) 4-Chloro-3-methylphenol	8.633	107	21015	2.741	ng	# 23
51) 2,6-Dinitrotoluene	9.822	165	28922	9.413	ng	# 20
57) 2,4-Dinitrotoluene	9.822	165	28922	7.296	ng	# 14
60) Diethylphthalate	10.251	149	85999	6.272	ng	97
67) 4-Bromophenyl-phenylether	10.610	248	11799	3.832	ng	# 1
77) Benzidine	12.898	184	11774	Below Cal		97

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

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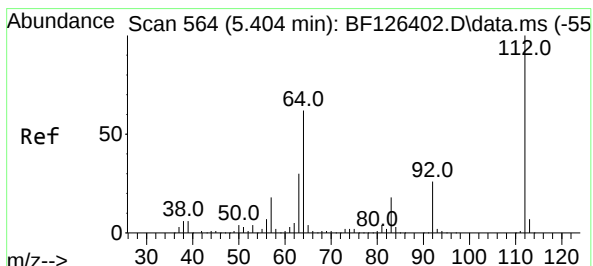
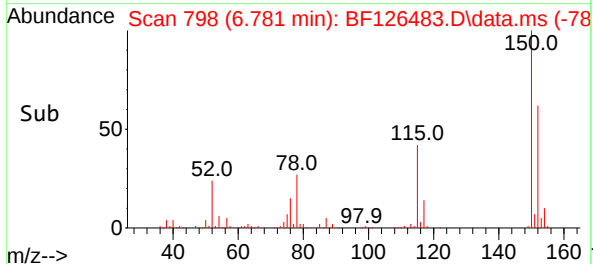
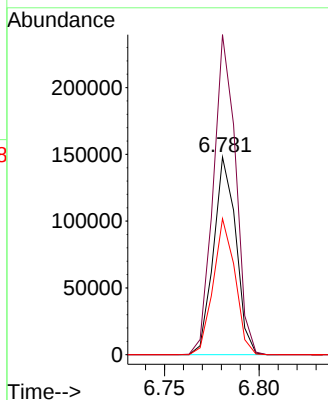
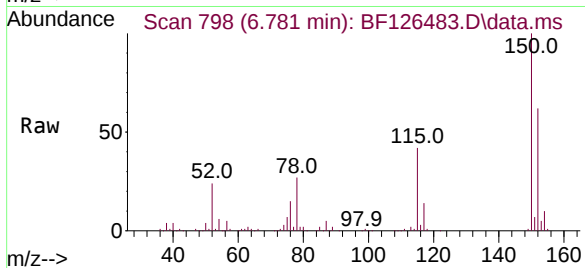




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF126483.D
Acq: 4 Jan 2022 23:12

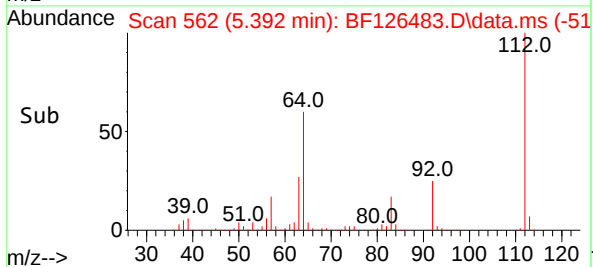
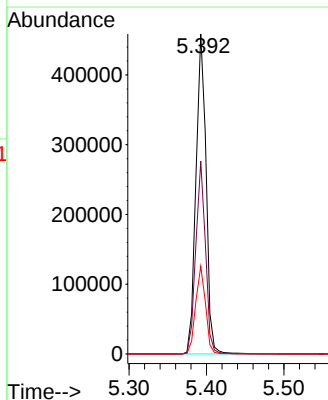
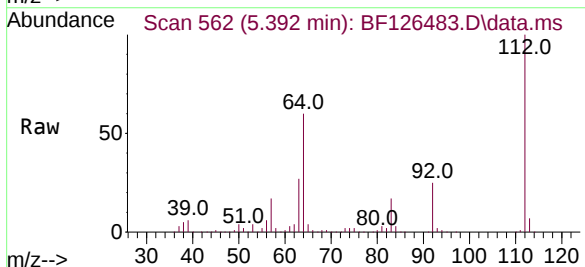
Instrument :
BNA_F
ClientSampleId :
TW-1

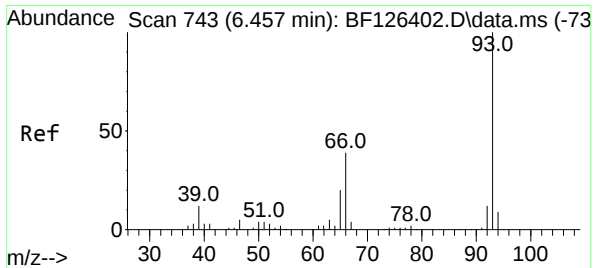
Tgt Ion:152 Resp: 122031
Ion Ratio Lower Upper
152 100
150 161.9 128.1 192.1
115 68.8 56.7 85.1



#5
2-Fluorophenol
Concen: 49.057 ng
RT: 5.392 min Scan# 562
Delta R.T. 0.000 min
Lab File: BF126483.D
Acq: 4 Jan 2022 23:12

Tgt Ion:112 Resp: 416865
Ion Ratio Lower Upper
112 100
64 60.3 49.5 74.3
63 27.4 23.9 35.9





#6

Aniline

Concen: 3.965 ng

RT: 6.439 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF126483.D

Acq: 4 Jan 2022 23:12

Instrument :

BNA_F

ClientSampleId :

TW-1

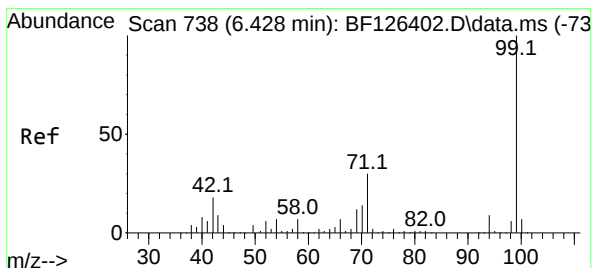
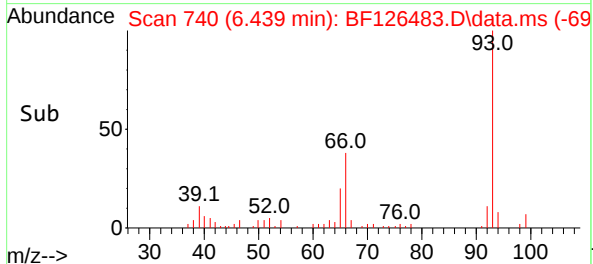
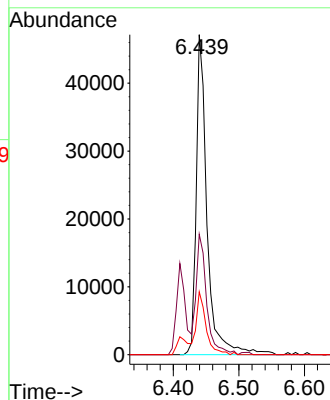
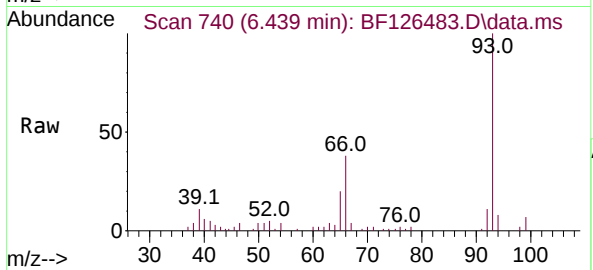
Tgt Ion: 93 Resp: 54263

Ion Ratio Lower Upper

93 100

66 37.6 32.2 48.4

65 19.6 16.3 24.5



#7

Phenol-d6

Concen: 27.344 ng

RT: 6.410 min Scan# 735

Delta R.T. -0.012 min

Lab File: BF126483.D

Acq: 4 Jan 2022 23:12

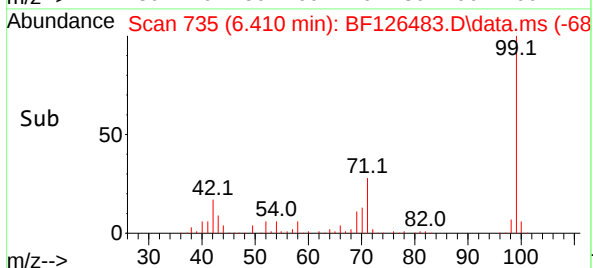
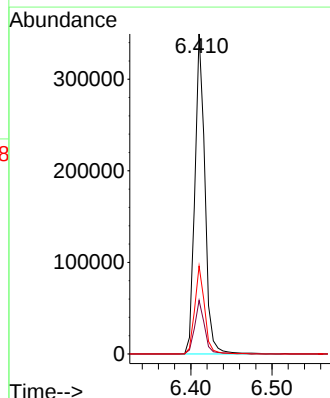
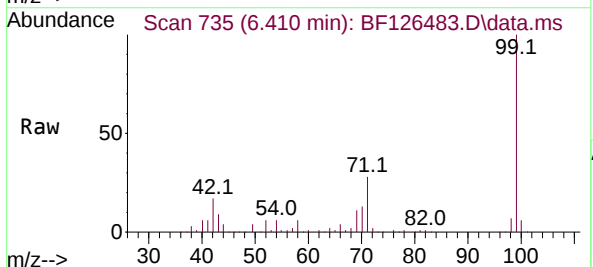
Tgt Ion: 99 Resp: 300959

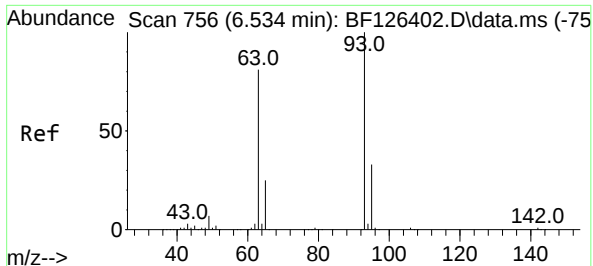
Ion Ratio Lower Upper

99 100

42 16.8 14.2 21.4

71 27.5 24.3 36.5

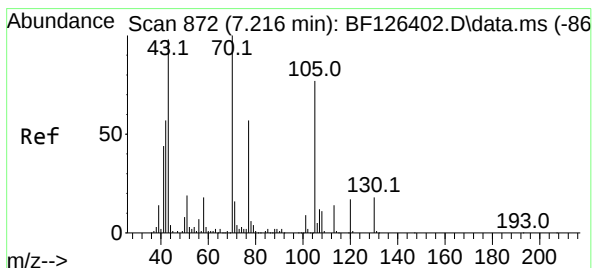
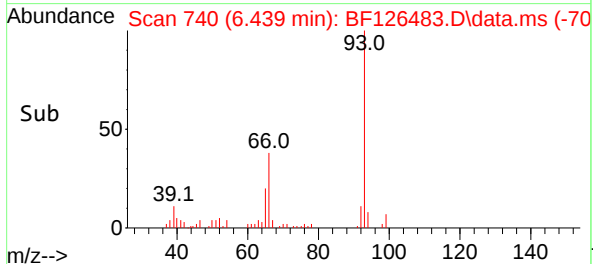
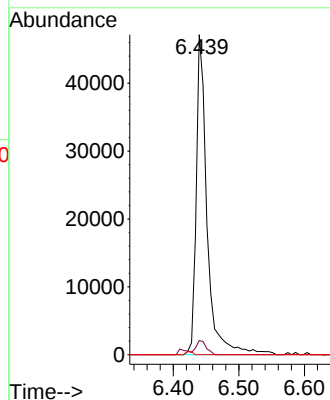
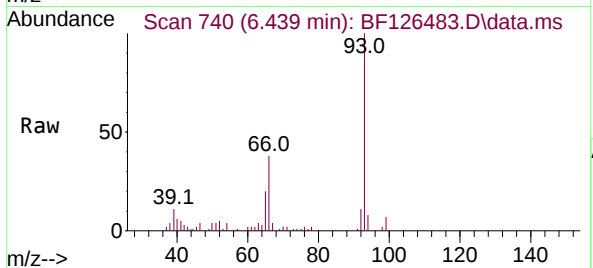




#11
bis(2-Chloroethyl)ether
Concen: 5.786 ng
RT: 6.439 min Scan# 74
Delta R.T. -0.082 min
Lab File: BF126483.D
Acq: 4 Jan 2022 23:12

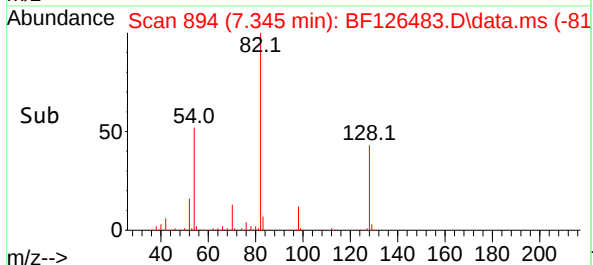
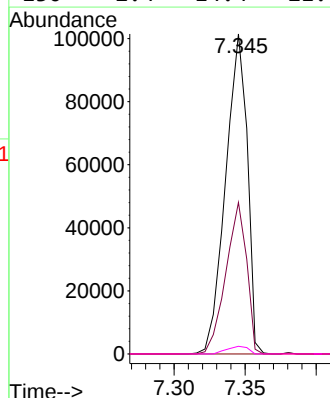
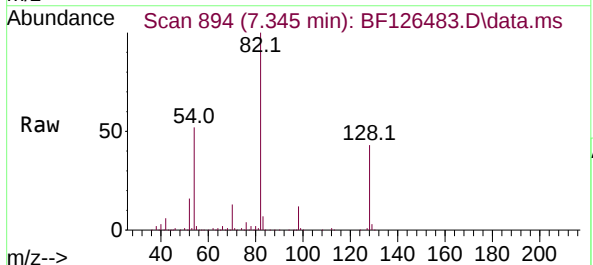
Instrument :
BNA_F
ClientSampleId :
TW-1

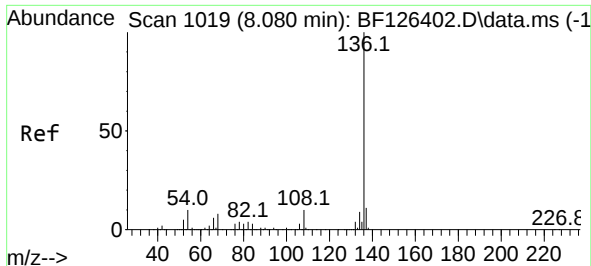
Tgt Ion: 93 Resp: 54263
Ion Ratio Lower Upper
93 100
63 4.4 60.5 100.5#
95 0.0 12.9 52.9#



#19
n-Nitroso-di-n-propylamine
Concen: 17.106 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.141 min
Lab File: BF126483.D
Acq: 4 Jan 2022 23:12

Tgt Ion: 70 Resp: 107437
Ion Ratio Lower Upper
70 100
42 47.4 45.8 68.8
101 0.0 6.9 10.3#
130 2.4 14.4 21.6#



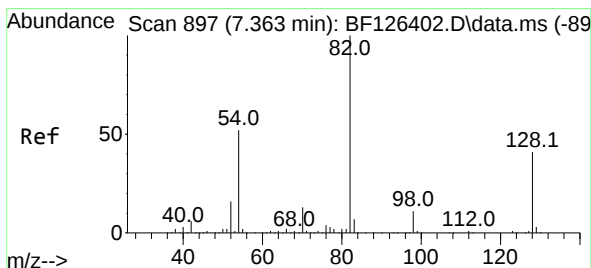
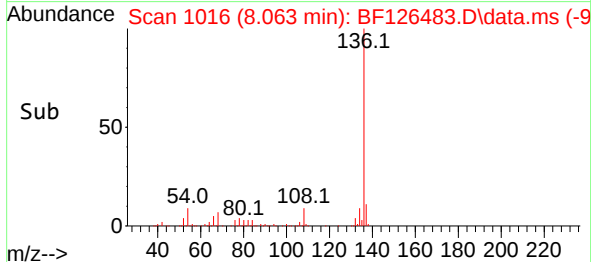
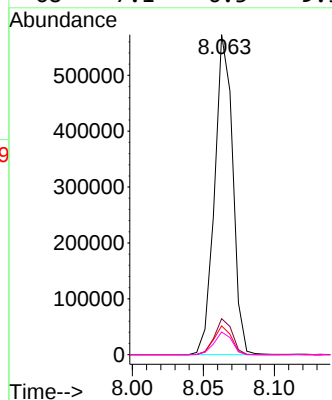
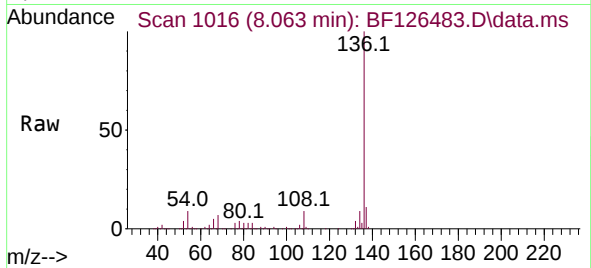


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF126483.D
Acq: 4 Jan 2022 23:12

Instrument :
BNA_F
ClientSampleId :
TW-1

Tgt Ion:136 Resp: 509263

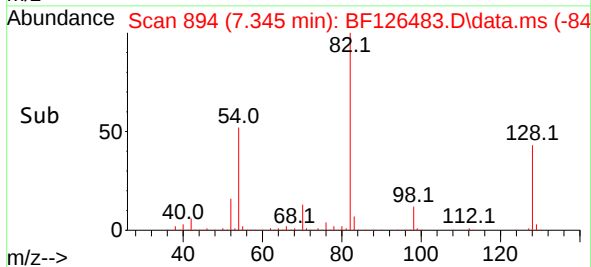
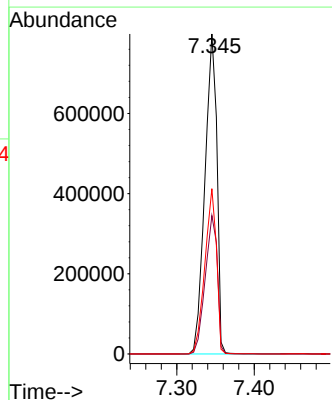
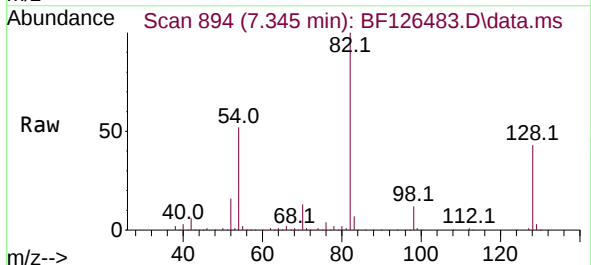
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	9.0	7.8	11.6
68	7.1	6.3	9.5

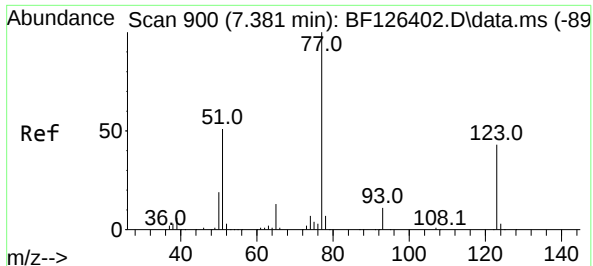


#23
Nitrobenzene-d5
Concen: 86.341 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF126483.D
Acq: 4 Jan 2022 23:12

Tgt Ion: 82 Resp: 856353

Ion	Ratio	Lower	Upper
82	100		
128	43.3	32.7	49.1
54	51.6	41.7	62.5

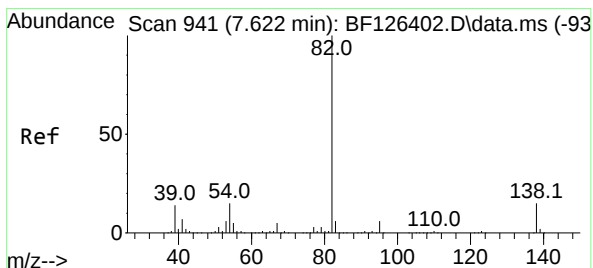
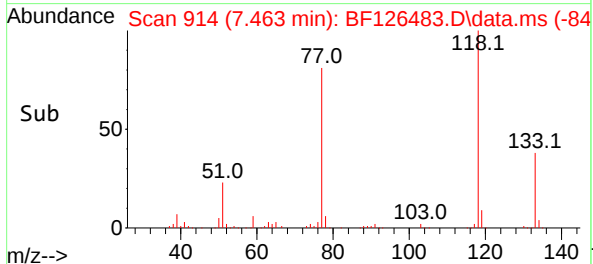
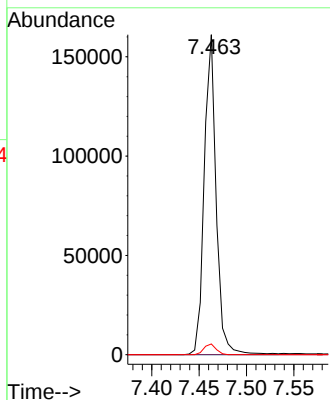
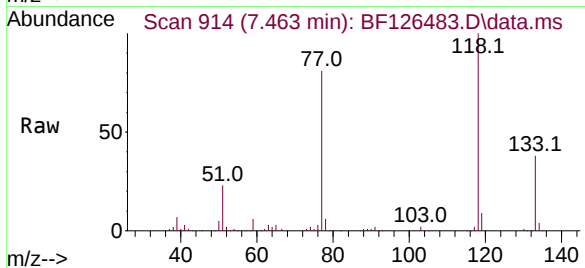




#24
Nitrobenzene
Concen: 14.243 ng
RT: 7.463 min Scan# 911
Delta R.T. 0.094 min
Lab File: BF126483.D
Acq: 4 Jan 2022 23:12

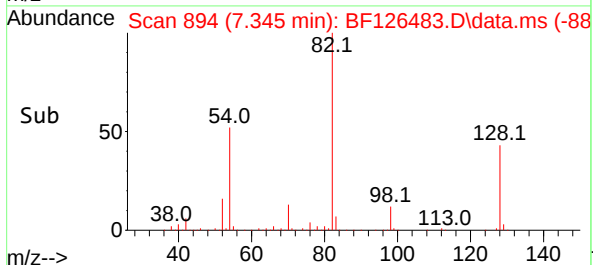
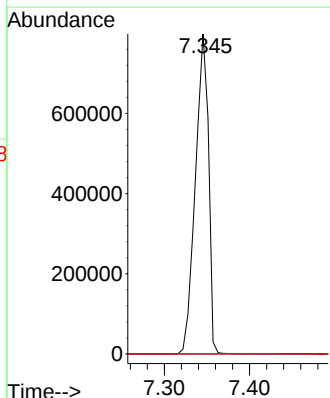
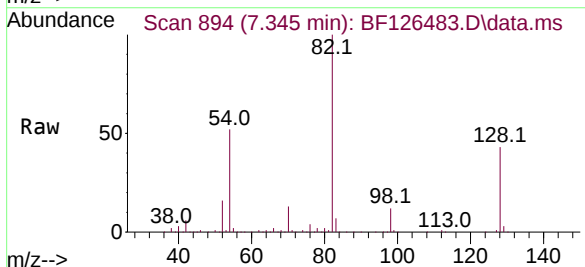
Instrument :
BNA_F
ClientSampleId :
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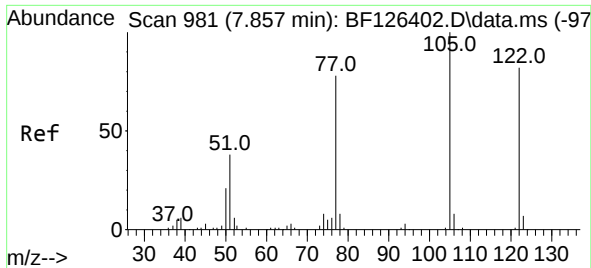
Tgt Ion: 77 Resp: 141357
Ion Ratio Lower Upper
77 100
123 0.0 34.6 52.0#
65 3.4 10.6 15.8#



#25
Isophorone
Concen: 48.091 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF126483.D
Acq: 4 Jan 2022 23:12

Tgt Ion: 82 Resp: 853851
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#

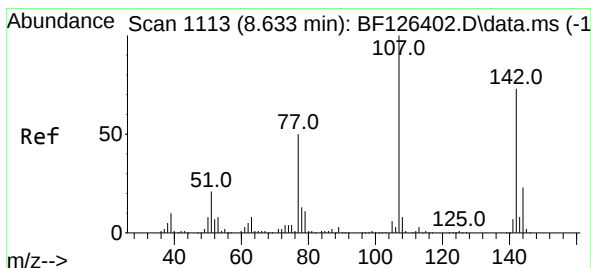
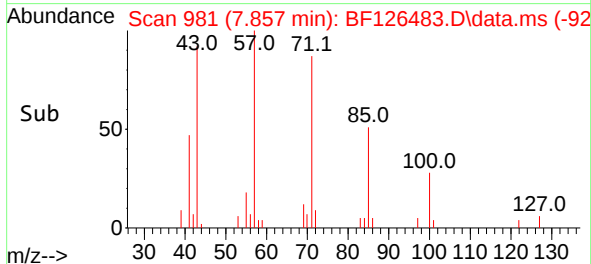
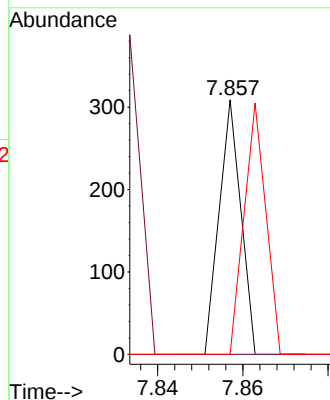
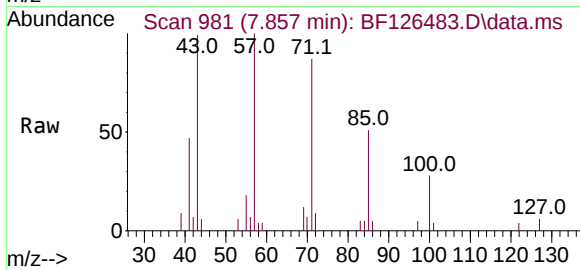




#32
Benzoic acid
Concen: 7.094 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.012 min
Lab File: BF126483.D
Acq: 4 Jan 2022 23:12

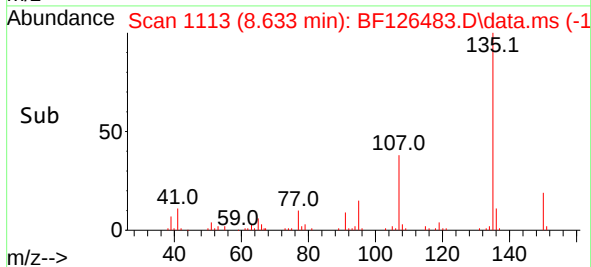
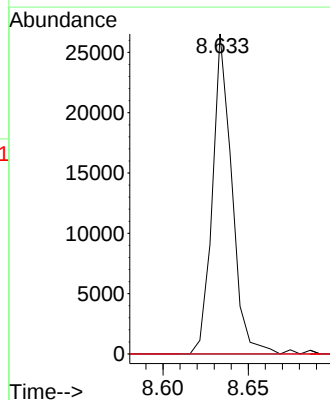
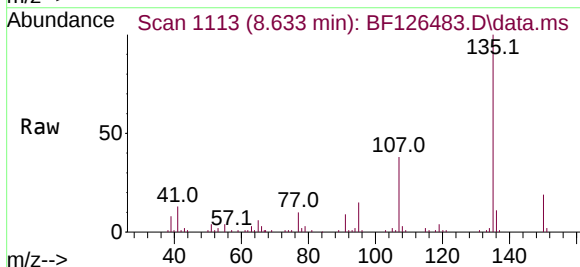
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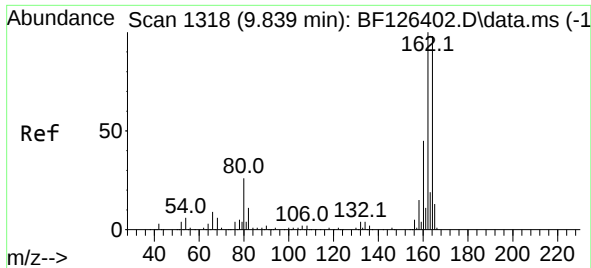
Tgt Ion:122 Resp: 109
Ion Ratio Lower Upper
122 100
105 0.0 101.0 141.0#
77 0.0 74.5 114.5#



#36
4-Chloro-3-methylphenol
Concen: 2.741 ng
RT: 8.633 min Scan# 1113
Delta R.T. 0.012 min
Lab File: BF126483.D
Acq: 4 Jan 2022 23:12

Tgt Ion:107 Resp: 21015
Ion Ratio Lower Upper
107 100
144 0.0 18.5 27.7#
142 0.0 58.1 87.1#

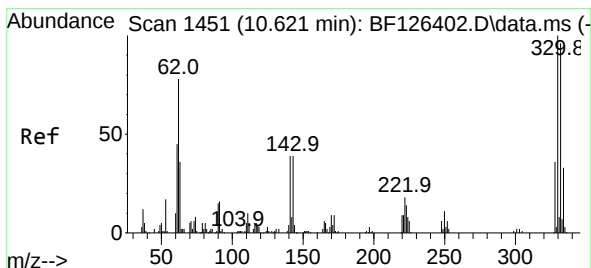
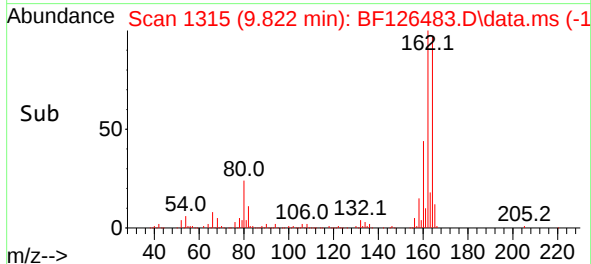
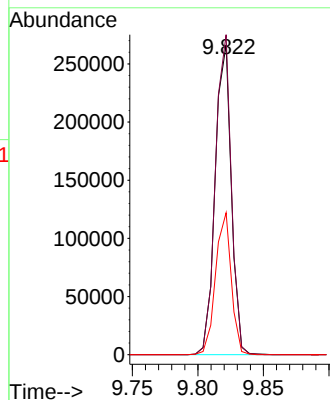
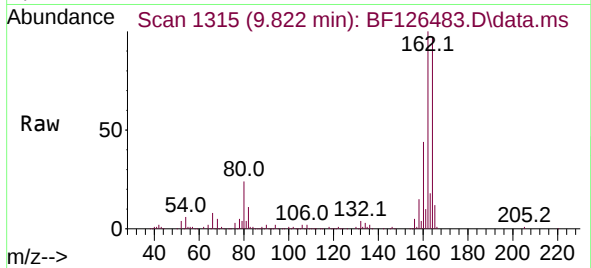




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126483.D
Acq: 4 Jan 2022 23:12

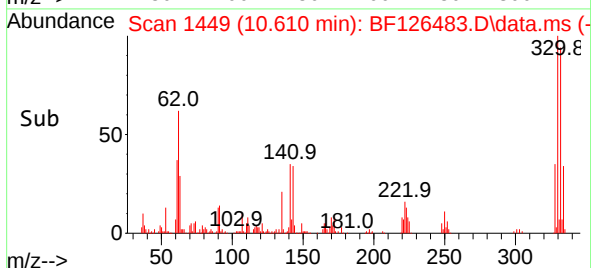
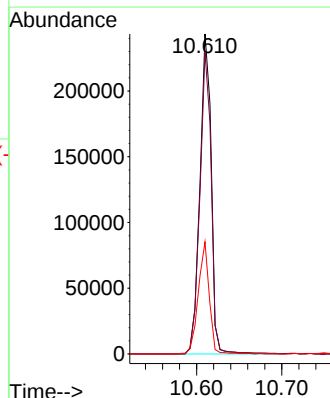
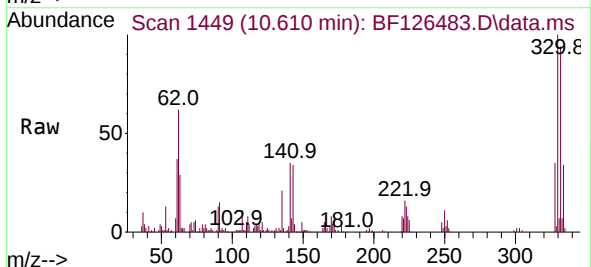
Instrument :
BNA_F
ClientSampleId :
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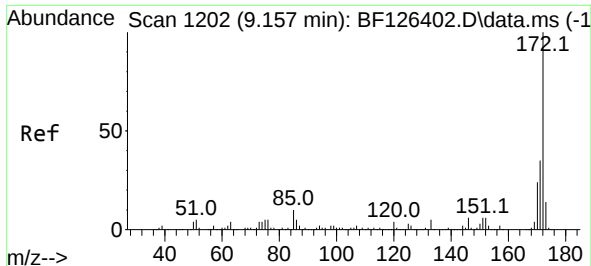
Tgt Ion:164 Resp: 227908
Ion Ratio Lower Upper
164 100
162 103.2 81.4 122.0
160 45.8 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 127.941 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF126483.D
Acq: 4 Jan 2022 23:12

Tgt Ion:330 Resp: 225323
Ion Ratio Lower Upper
330 100
332 94.2 76.0 114.0
141 34.1 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 88.966 ng

RT: 9.145 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126483.D

Acq: 4 Jan 2022 23:12

Instrument :

BNA_F

ClientSampleId :

TW-1

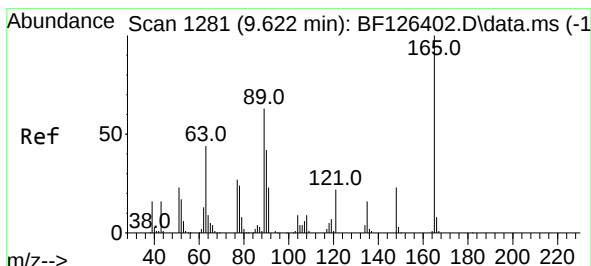
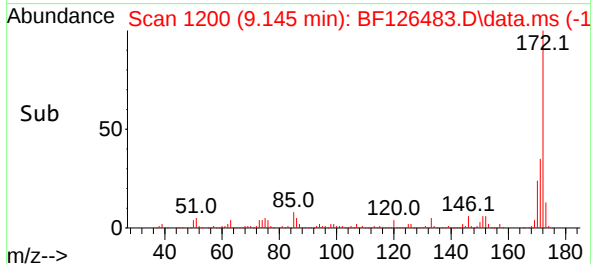
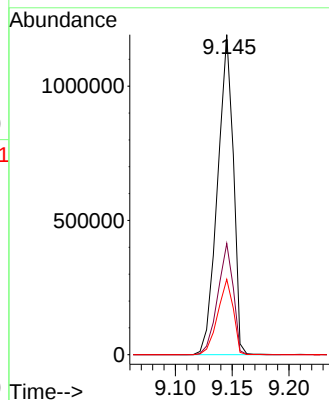
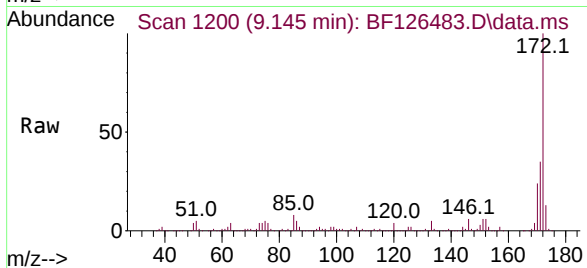
Tgt Ion:172 Resp: 1152225

Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 23.6 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 9.413 ng

RT: 9.822 min Scan# 1315

Delta R.T. 0.212 min

Lab File: BF126483.D

Acq: 4 Jan 2022 23:12

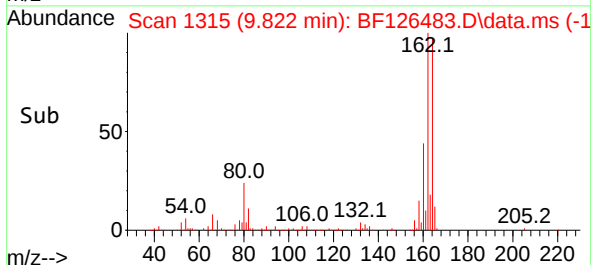
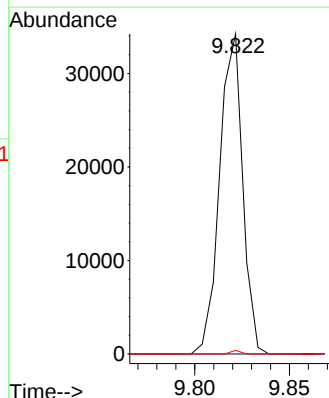
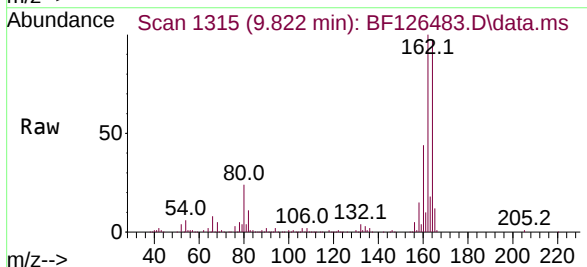
Tgt Ion:165 Resp: 28922

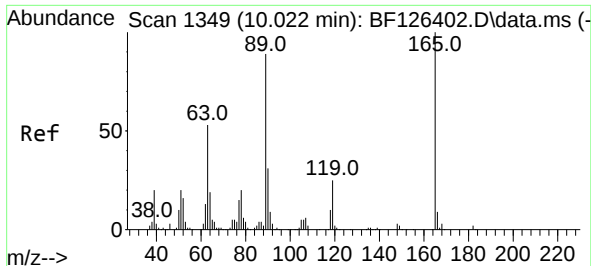
Ion Ratio Lower Upper

165 100

63 0.0 48.4 72.6#

89 1.1 50.5 75.7#

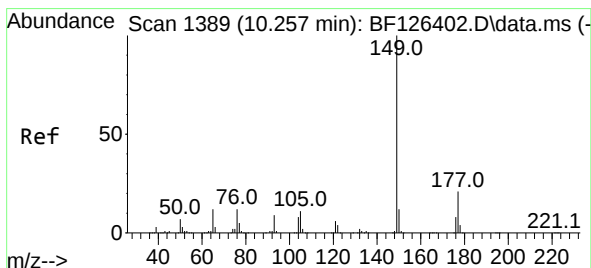
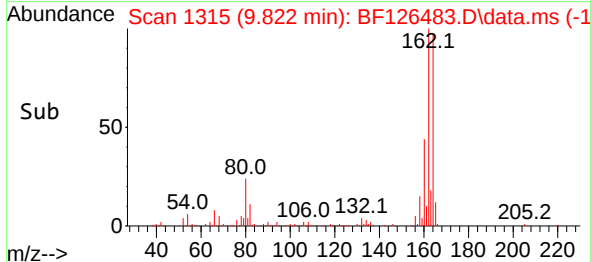
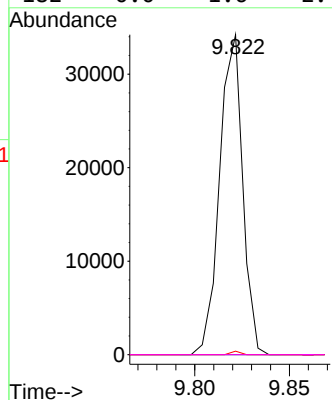
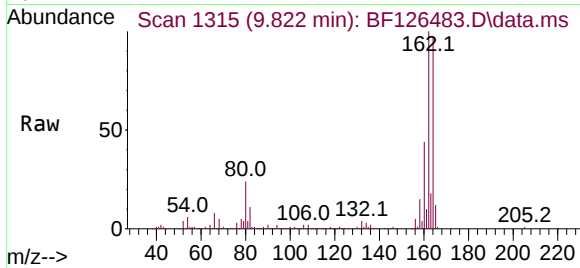




#57
2,4-Dinitrotoluene
Concen: 7.296 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.194 min
Lab File: BF126483.D
Acq: 4 Jan 2022 23:12

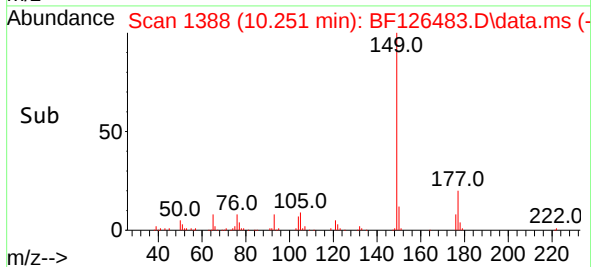
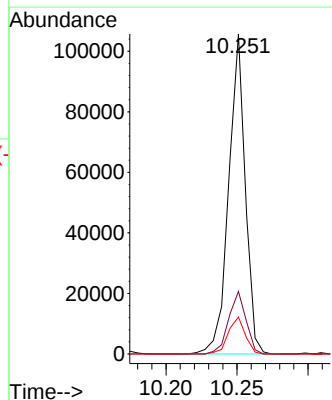
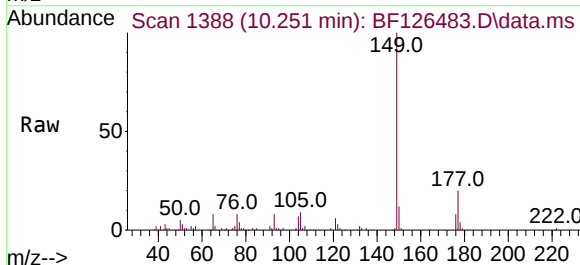
Instrument :
BNA_F
ClientSampleId :
TW-1

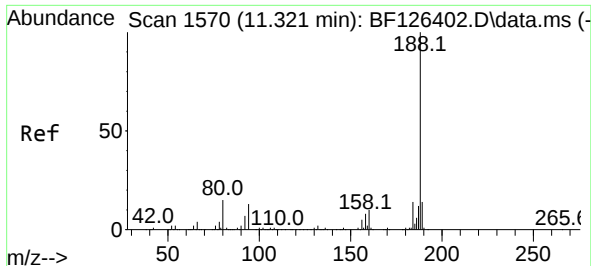
Tgt Ion:165 Resp: 28922
Ion Ratio Lower Upper
165 100
63 0.0 43.0 64.6#
89 1.1 71.0 106.4#
182 0.0 1.6 2.4#



#60
Diethylphthalate
Concen: 6.272 ng
RT: 10.251 min Scan# 1388
Delta R.T. 0.000 min
Lab File: BF126483.D
Acq: 4 Jan 2022 23:12

Tgt Ion:149 Resp: 85999
Ion Ratio Lower Upper
149 100
177 19.5 16.7 25.1
150 11.5 9.8 14.8

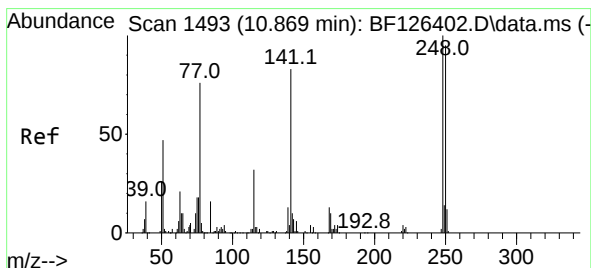
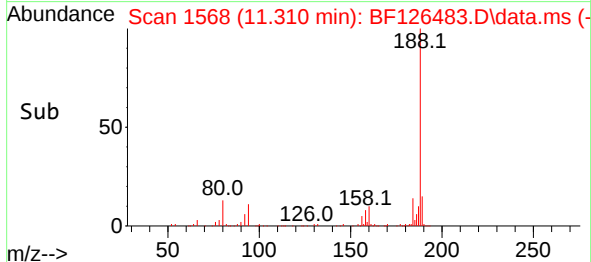
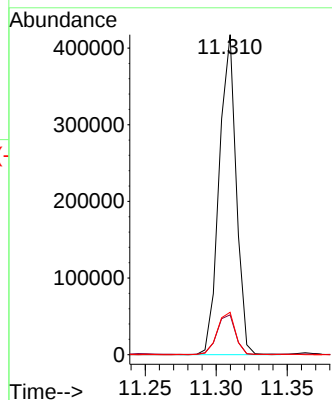
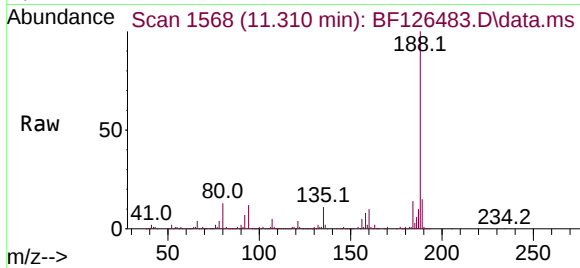




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126483.D
Acq: 4 Jan 2022 23:12

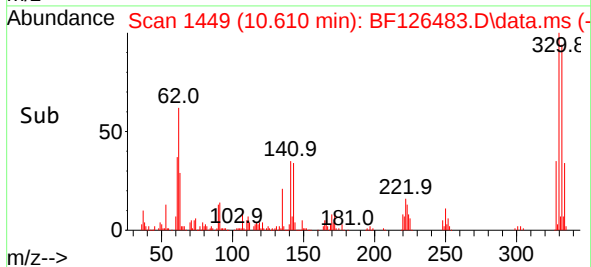
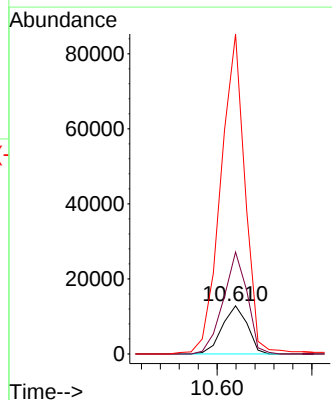
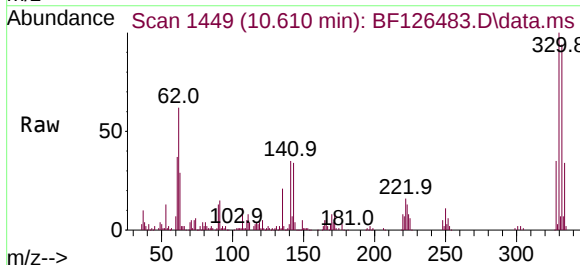
Instrument :
BNA_F
ClientSampleId :
TW-1

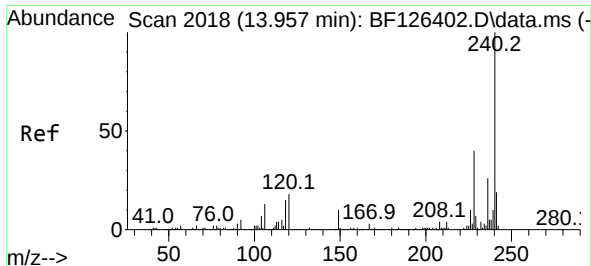
Tgt Ion:188 Resp: 346904
Ion Ratio Lower Upper
188 100
94 12.5 10.1 15.1
80 13.2 11.8 17.6



#67
4-Bromophenyl-phenylether
Concen: 3.832 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.247 min
Lab File: BF126483.D
Acq: 4 Jan 2022 23:12

Tgt Ion:248 Resp: 11799
Ion Ratio Lower Upper
248 100
250 211.8 76.2 114.4#
141 664.9 66.2 99.4#

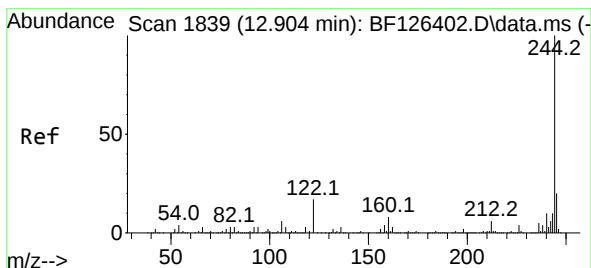
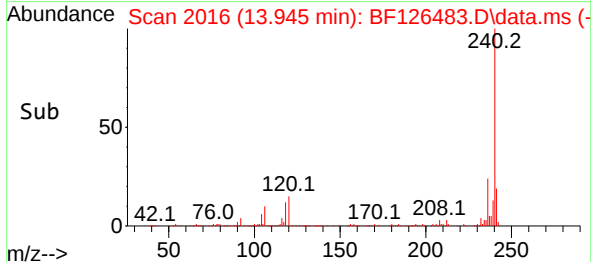
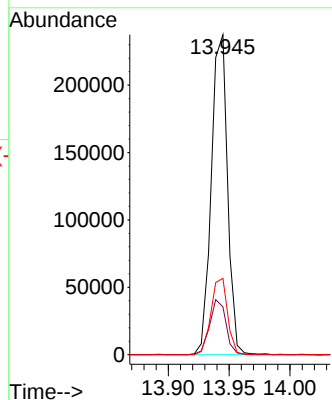
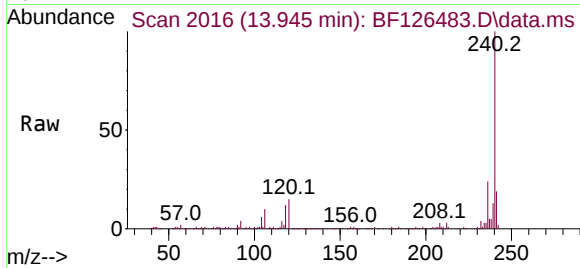




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF126483.D
Acq: 4 Jan 2022 23:12

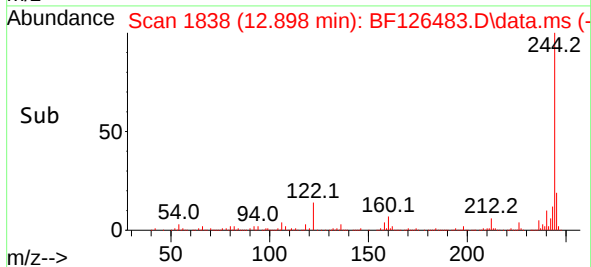
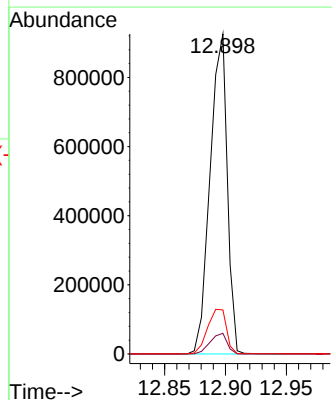
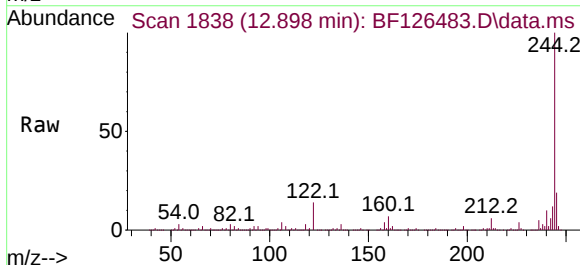
Instrument :
BNA_F
ClientSampleId :
TW-1

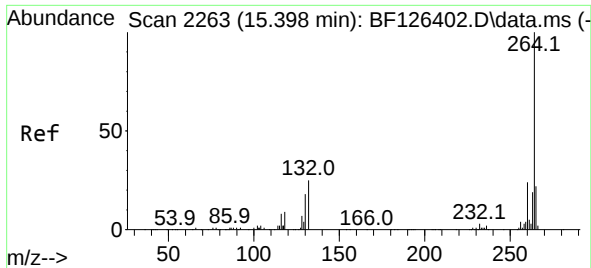
Tgt Ion:240 Resp: 220543
Ion Ratio Lower Upper
240 100
120 14.9 14.4 21.6
236 23.8 20.5 30.7



#79
Terphenyl-d14
Concen: 79.953 ng
RT: 12.898 min Scan# 1838
Delta R.T. 0.000 min
Lab File: BF126483.D
Acq: 4 Jan 2022 23:12

Tgt Ion:244 Resp: 907553
Ion Ratio Lower Upper
244 100
212 6.5 5.0 7.4
122 13.8 13.3 19.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.380 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF126483.D
 Acq: 4 Jan 2022 23:12

Instrument :
 BNA_F
 ClientSampleId :
 TW-1

Tgt Ion:264 Resp: 211165
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.5 17.4 26.2

