

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012022\
 Data File : BF126613.D
 Acq On : 20 Jan 2022 16:18
 Operator : CG/JU
 Sample : M5190-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-26598

Quant Time: Jan 20 16:40:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 19 07:04:14 2022
 Response via : Initial Calibration

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

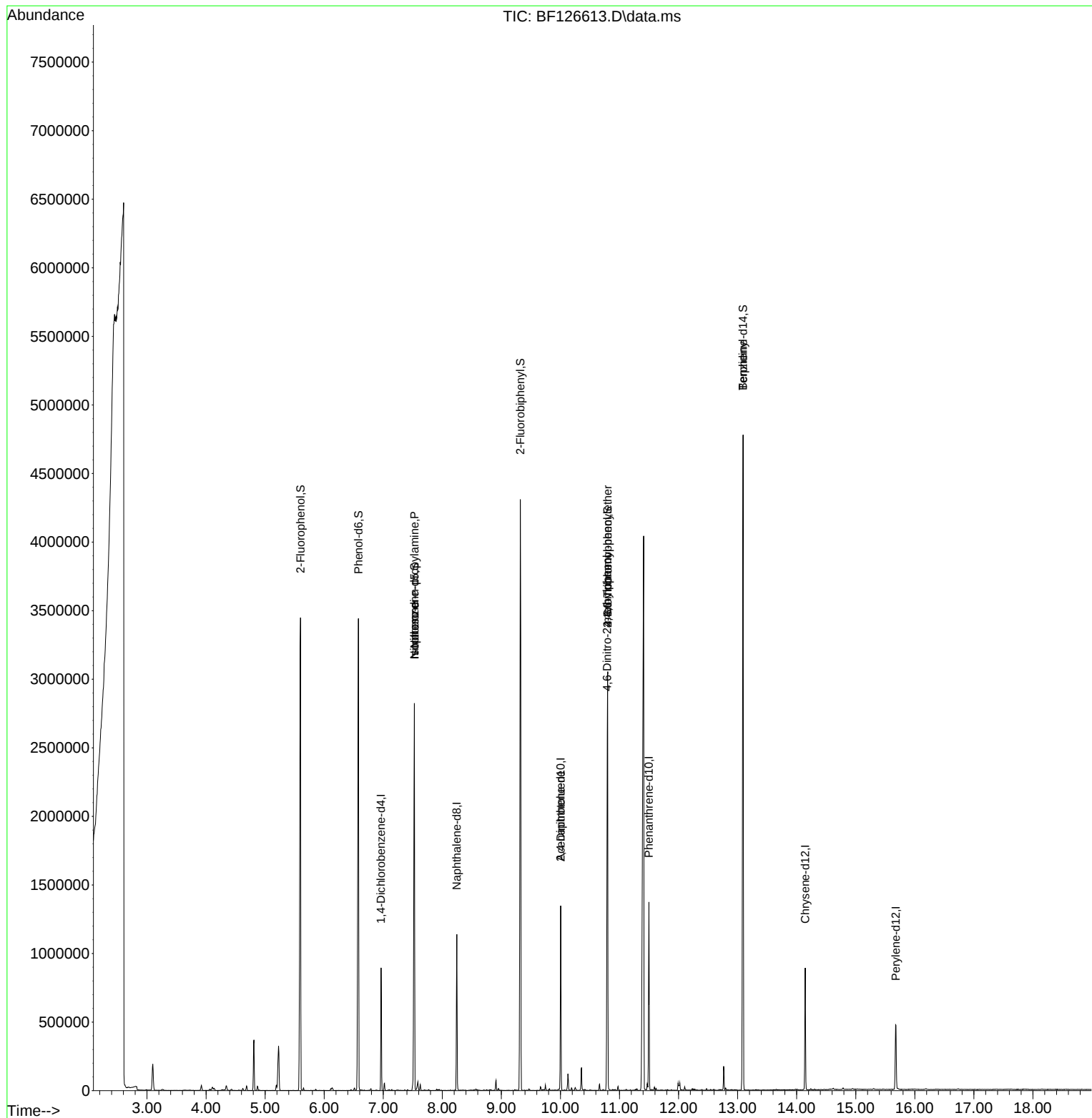
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	107263	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	420142	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	233089	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	408308	20.000	ng	0.00
76) Chrysene-d12	14.145	240	274802	20.000	ng	# 0.00
86) Perylene-d12	15.680	264	217861	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	989303	121.368	ng	0.02
7) Phenol-d6	6.581	99	1239133	109.413	ng	0.00
23) Nitrobenzene-d5	7.528	82	1066647	99.371	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	330994	151.738	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1329995	87.387	ng	0.00
79) Terphenyl-d14	13.092	244	1601689	97.760	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.516	77	378	Below Cal	#	76
19) n-Nitroso-di-n-propyla...	7.528	70	146719	17.750	ng	# 70
25) Isophorone	7.528	82	1066834	51.249	ng	# 69
57) 2,4-Dinitrotoluene	10.004	165	29698	8.579	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.792	198	902	7.763	ng	# 1
67) 4-Bromophenyl-phenylether	10.798	248	22192	4.716	ng	# 1
77) Benzidine	13.092	184	23035	2.430	ng	94

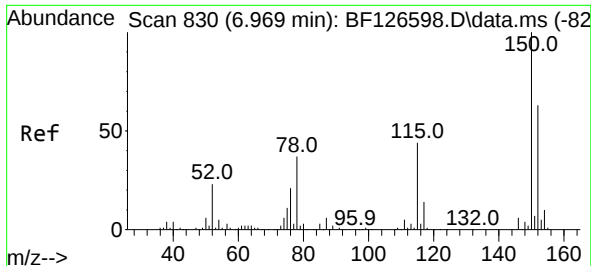
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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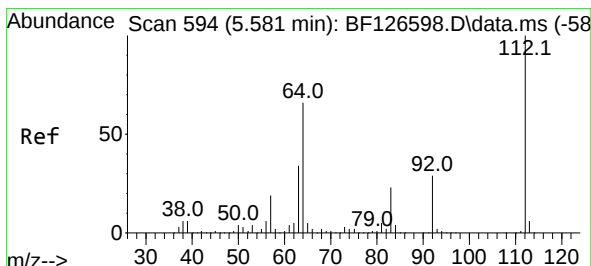
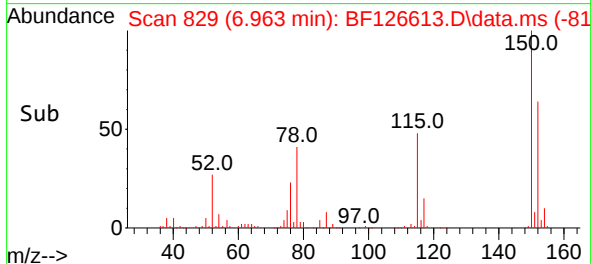
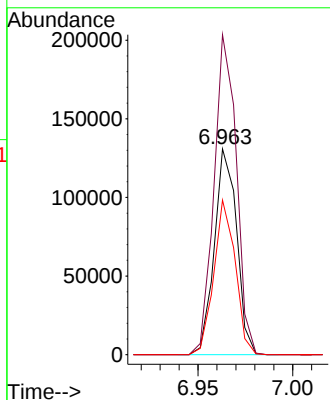
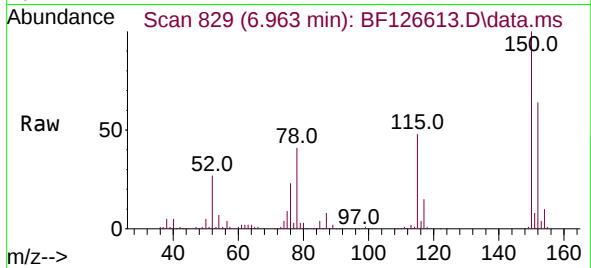




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126613.D
Acq: 20 Jan 2022 16:18

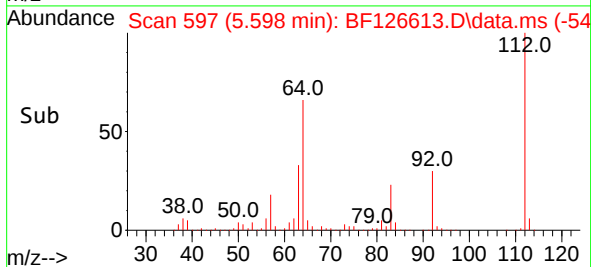
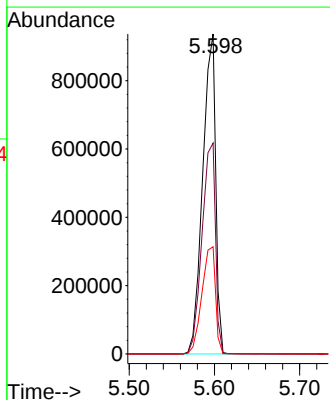
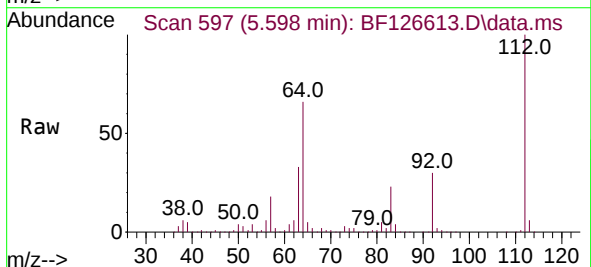
Instrument :
BNA_F
ClientSampleId :
CHRT-26598

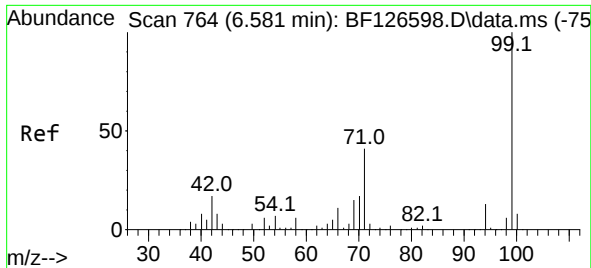
Tgt Ion:152 Resp: 107263
Ion Ratio Lower Upper
152 100
150 155.5 128.1 192.1
115 75.1 56.7 85.1



#5
2-Fluorophenol
Concen: 121.368 ng
RT: 5.598 min Scan# 597
Delta R.T. 0.017 min
Lab File: BF126613.D
Acq: 20 Jan 2022 16:18

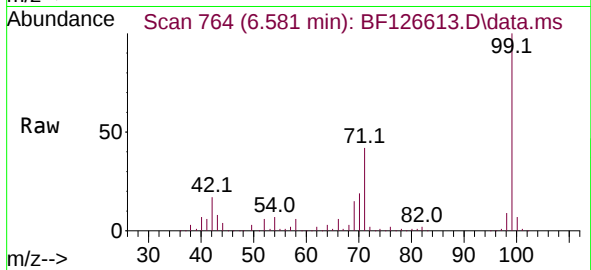
Tgt Ion:112 Resp: 989303
Ion Ratio Lower Upper
112 100
64 65.9 49.5 74.3
63 33.5 23.9 35.9





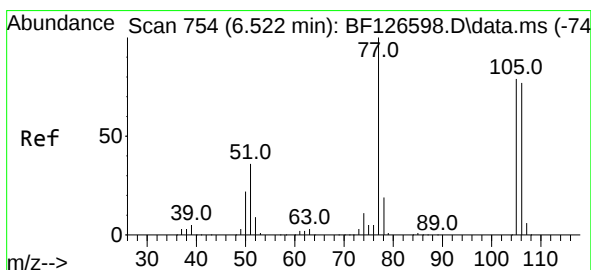
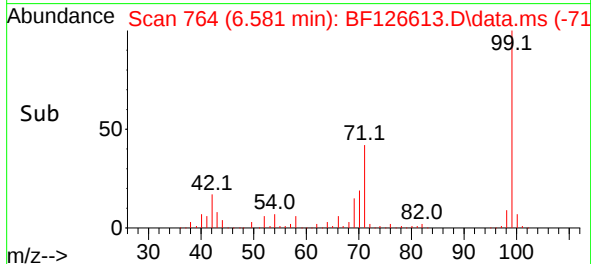
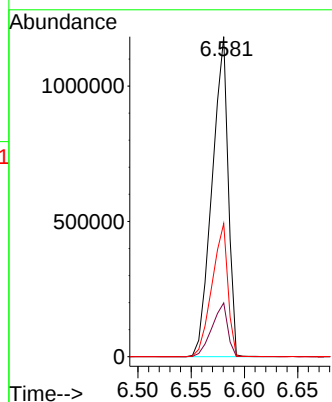
#7
Phenol-d6
Concen: 109.413 ng
RT: 6.581 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF126613.D
Acq: 20 Jan 2022 16:18

Instrument :
BNA_F
ClientSampleId :
CHRT-26598



Tgt Ion: 99 Resp: 1239133

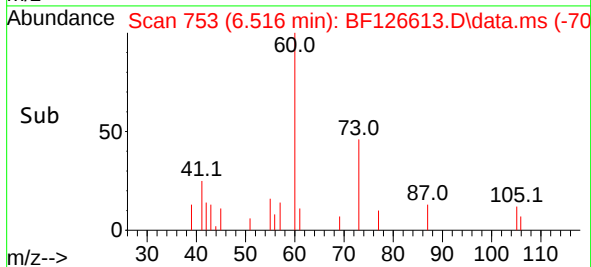
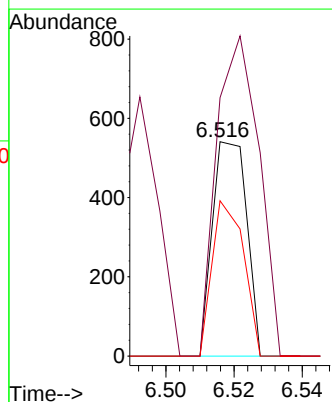
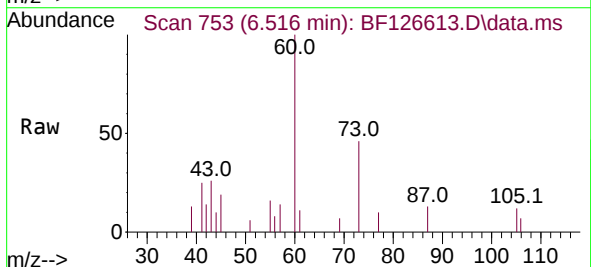
Ion	Ratio	Lower	Upper
99	100		
42	16.8	14.2	21.4
71	41.6	24.3	36.5

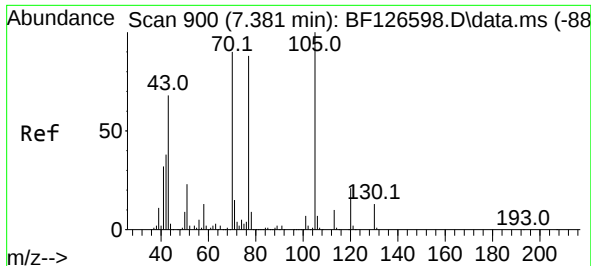


#9
Benzaldehyde
Concen: Below Cal
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF126613.D
Acq: 20 Jan 2022 16:18

Tgt Ion: 77 Resp: 378

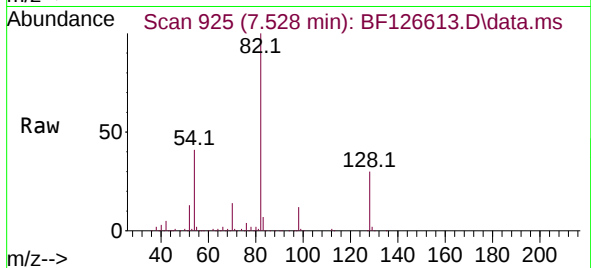
Ion	Ratio	Lower	Upper
77	100		
105	120.5	74.9	114.9
106	72.5	72.4	112.4



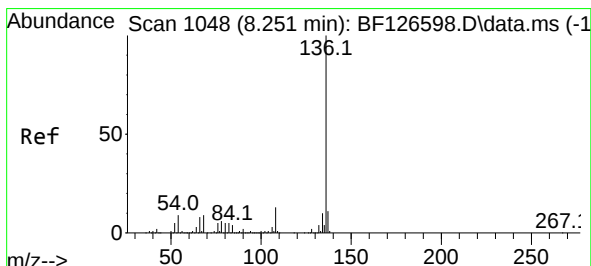
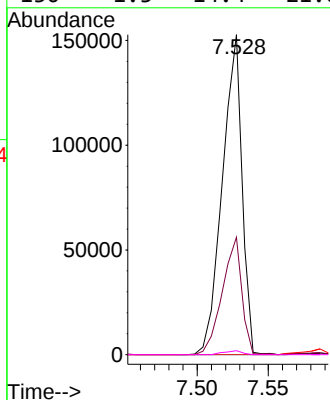
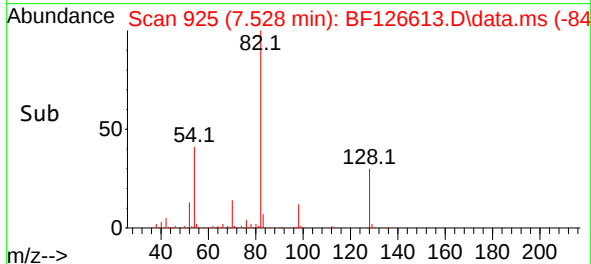


#19
n-Nitroso-di-n-propylamine
Concen: 17.750 ng
RT: 7.528 min Scan# 91
Delta R.T. 0.147 min
Lab File: BF126613.D
Acq: 20 Jan 2022 16:18

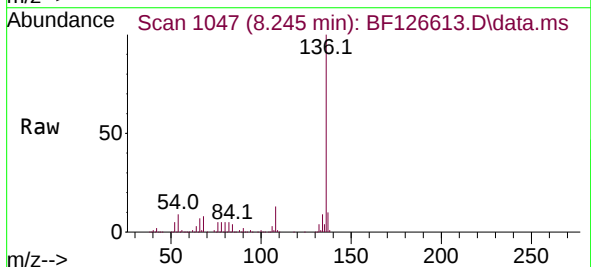
Instrument :
BNA_F
ClientSampleId :
CHRT-26598



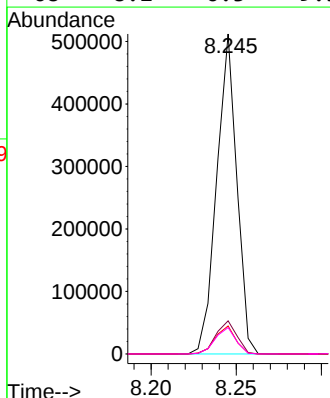
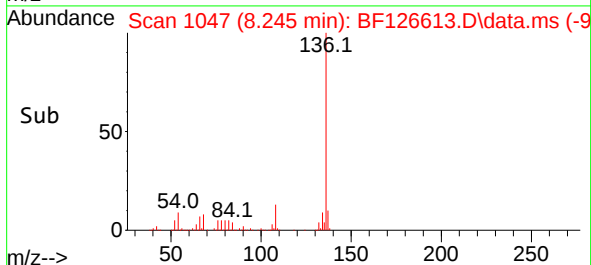
Tgt Ion: 70 Resp: 146719
Ion Ratio Lower Upper
70 100
42 36.7 45.8 68.8#
101 0.0 6.9 10.3#
130 1.3 14.4 21.6#

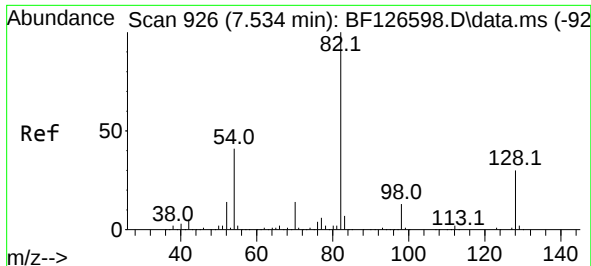


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF126613.D
Acq: 20 Jan 2022 16:18



Tgt Ion: 136 Resp: 420142
Ion Ratio Lower Upper
136 100
137 10.3 8.6 13.0
54 8.8 7.8 11.6
68 8.2 6.3 9.5

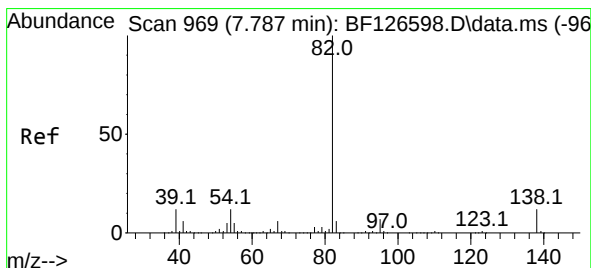
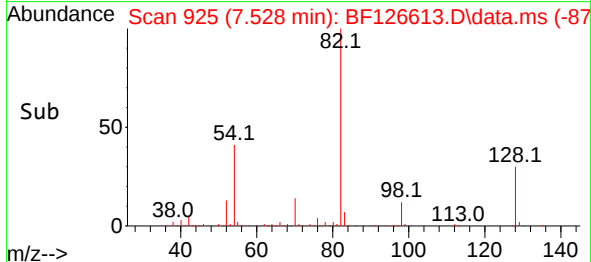
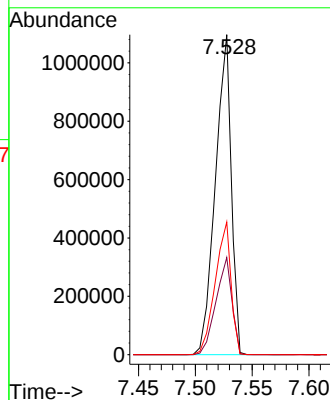
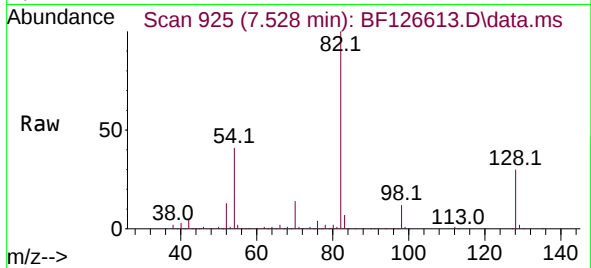




#23
Nitrobenzene-d5
Concen: 99.371 ng
RT: 7.528 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF126613.D
Acq: 20 Jan 2022 16:18

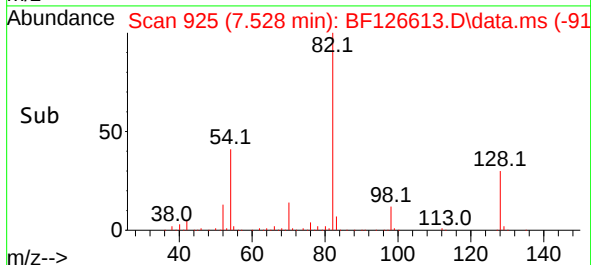
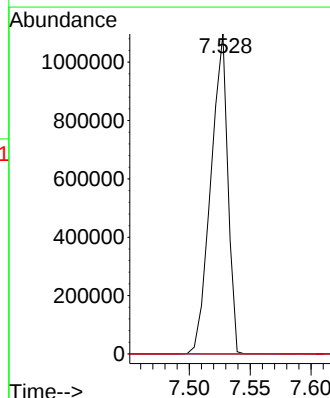
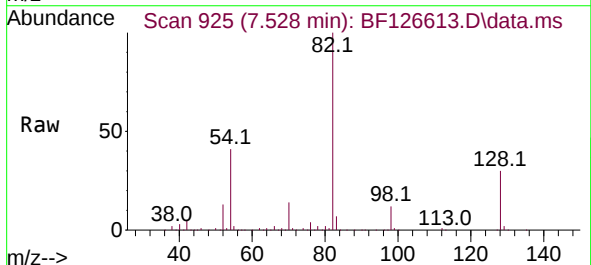
Instrument :
BNA_F
ClientSampleId :
CHRT-26598

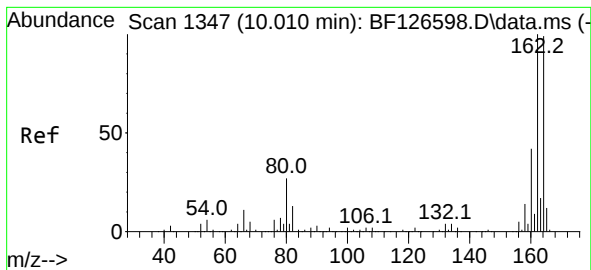
Tgt Ion: 82 Resp: 1066647
Ion Ratio Lower Upper
82 100
128 30.3 32.7 49.1#
54 41.4 41.7 62.5#



#25
Isophorone
Concen: 51.249 ng
RT: 7.528 min Scan# 925
Delta R.T. -0.259 min
Lab File: BF126613.D
Acq: 20 Jan 2022 16:18

Tgt Ion: 82 Resp: 1066834
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: 10.004 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126613.D

Acq: 20 Jan 2022 16:18

Instrument :

BNA_F

ClientSampleId :

CHRT-26598

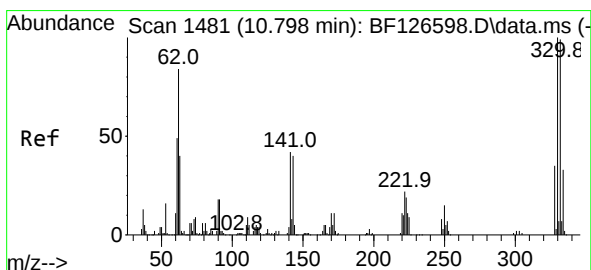
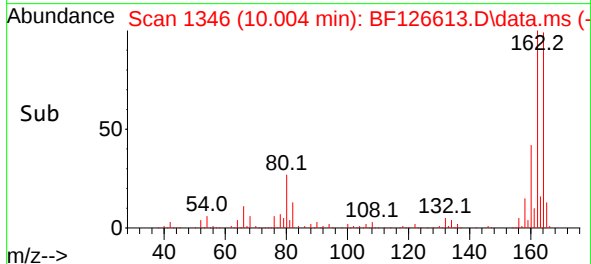
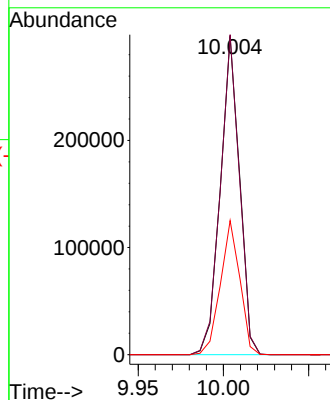
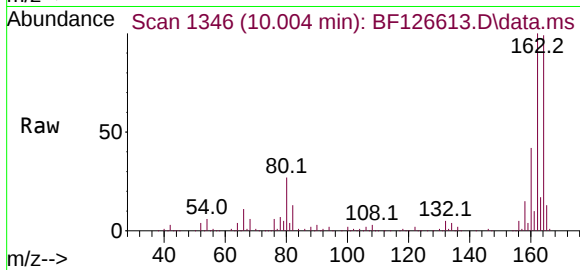
Tgt Ion:164 Resp: 233089

Ion Ratio Lower Upper

164 100

162 100.5 81.4 122.0

160 42.1 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 151.738 ng

RT: 10.798 min Scan# 1481

Delta R.T. -0.000 min

Lab File: BF126613.D

Acq: 20 Jan 2022 16:18

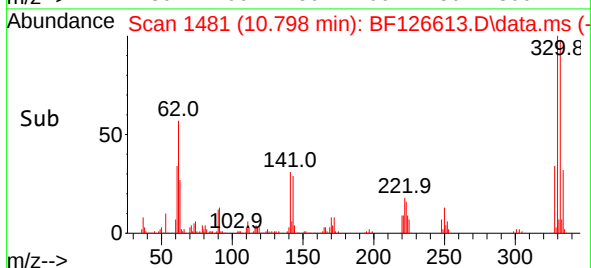
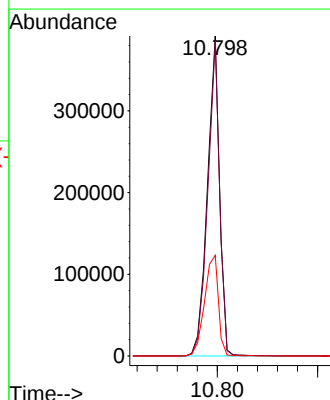
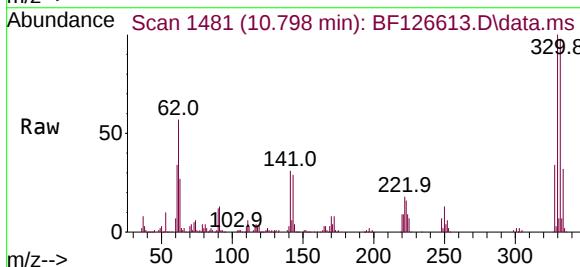
Tgt Ion:330 Resp: 330994

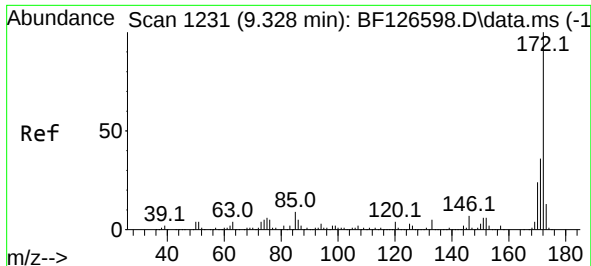
Ion Ratio Lower Upper

330 100

332 96.1 76.0 114.0

141 35.8 30.1 45.1

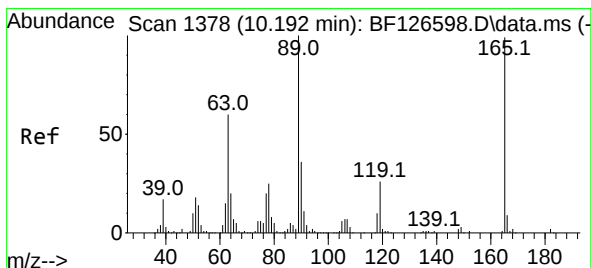
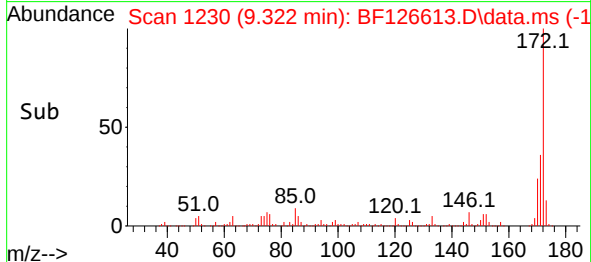
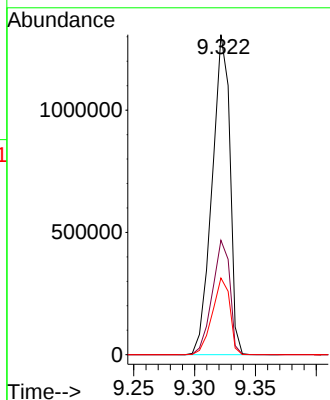
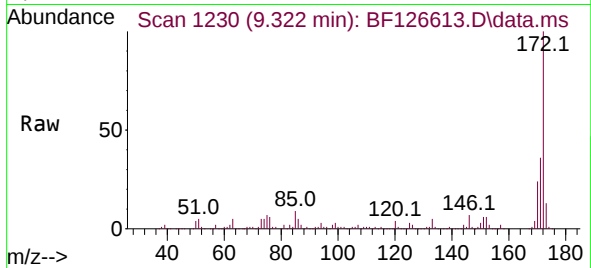




#45
2-Fluorobiphenyl
Concen: 87.387 ng
RT: 9.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126613.D
Acq: 20 Jan 2022 16:18

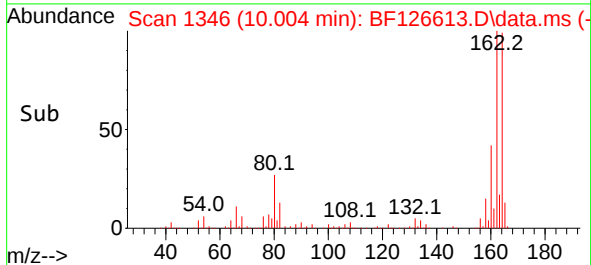
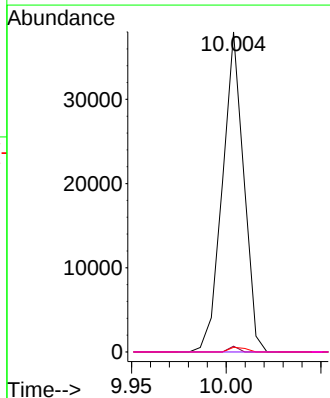
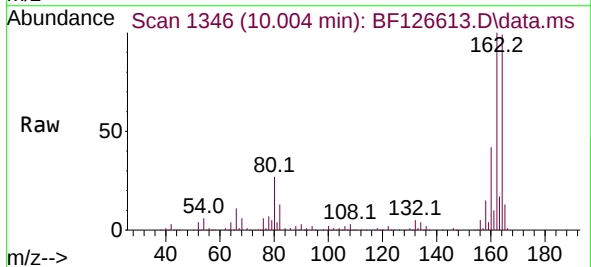
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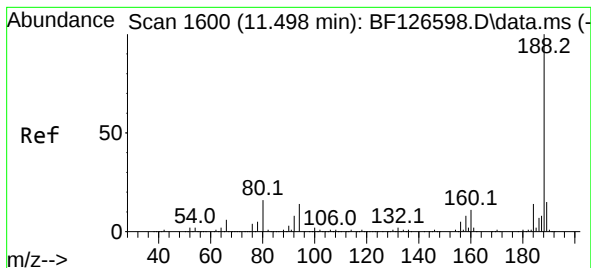
Tgt Ion:172 Resp: 1329995
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 24.0 19.0 28.6



#57
2,4-Dinitrotoluene
Concen: 8.579 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.188 min
Lab File: BF126613.D
Acq: 20 Jan 2022 16:18

Tgt Ion:165 Resp: 29698
Ion Ratio Lower Upper
165 100
63 1.8 43.0 64.6#
89 1.4 71.0 106.4#
182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.498 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF126613.D

Acq: 20 Jan 2022 16:18

Instrument :

BNA_F

ClientSampleId :

CHRT-26598

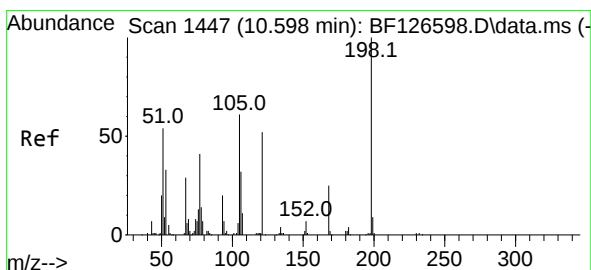
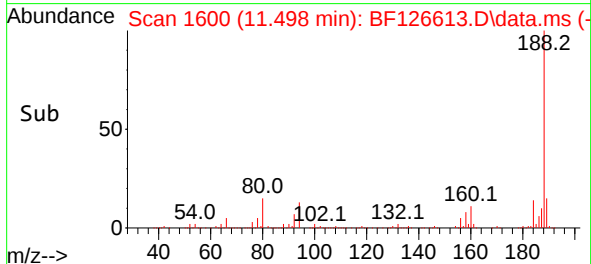
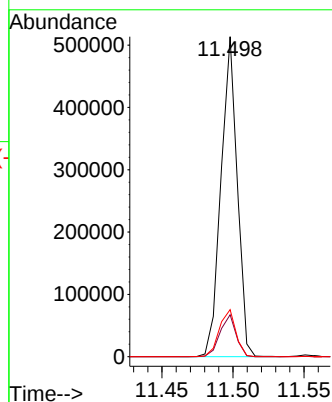
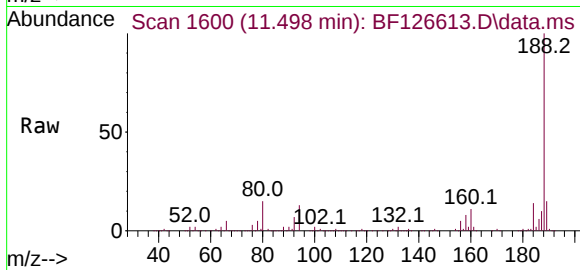
Tgt Ion:188 Resp: 408308

Ion Ratio Lower Upper

188 100

94 13.1 10.1 15.1

80 14.7 11.8 17.6



#65

4,6-Dinitro-2-methylphenol

Concen: 7.763 ng

RT: 10.792 min Scan# 1480

Delta R.T. 0.194 min

Lab File: BF126613.D

Acq: 20 Jan 2022 16:18

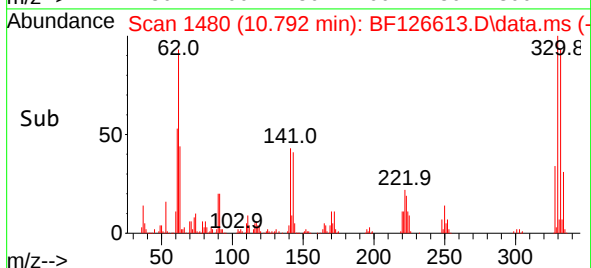
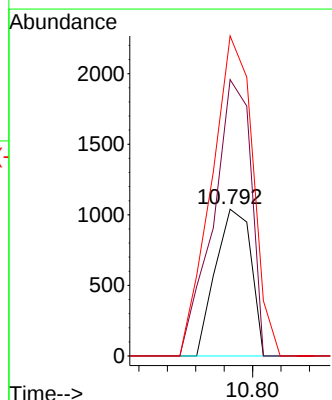
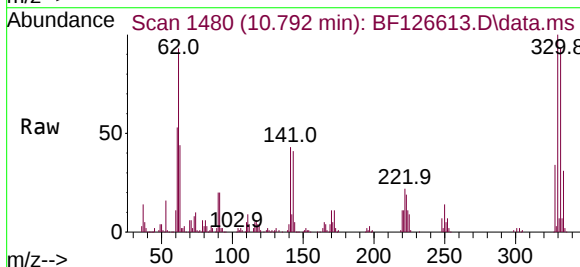
Tgt Ion:198 Resp: 902

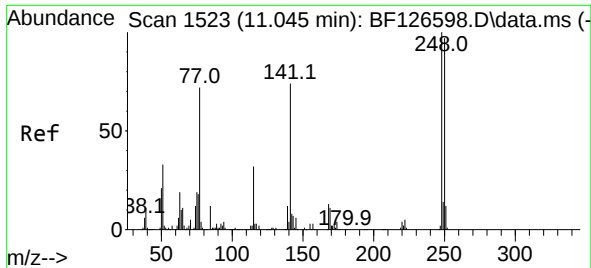
Ion Ratio Lower Upper

198 100

51 188.5 32.0 72.0#

105 218.2 32.7 72.7#

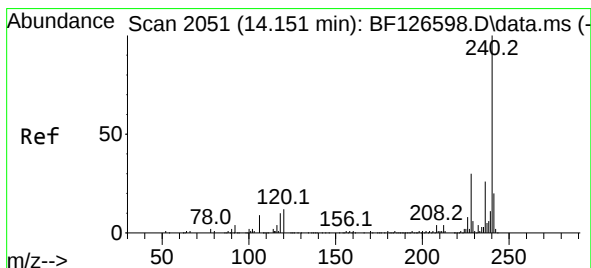
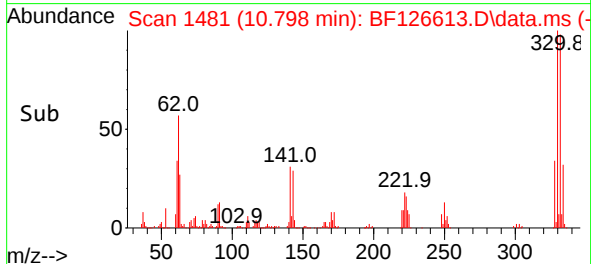
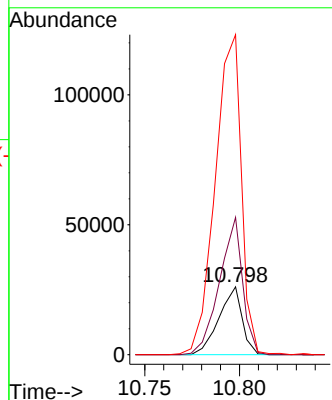
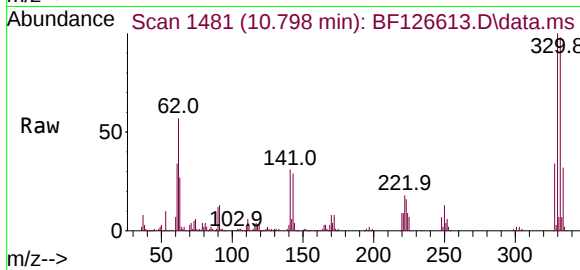




#67
4-Bromophenyl-phenylether
Concen: 4.716 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.247 min
Lab File: BF126613.D
Acq: 20 Jan 2022 16:18

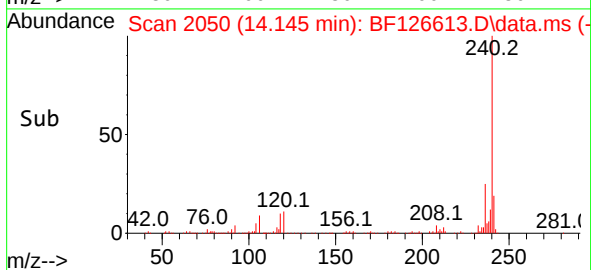
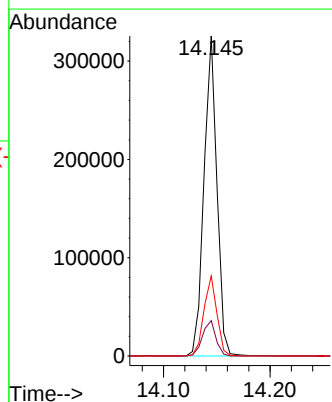
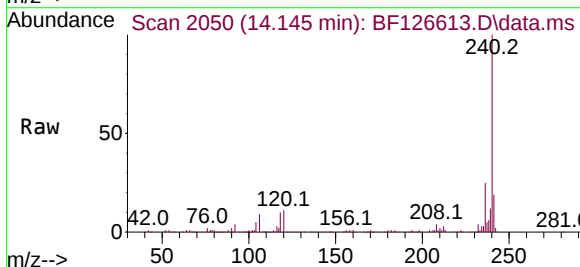
Instrument :
BNA_F
ClientSampleId :
CHRT-26598

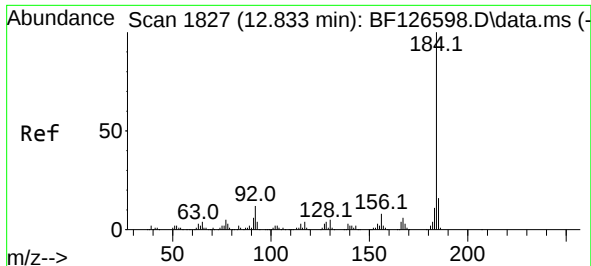
Tgt Ion:248 Resp: 22192
Ion Ratio Lower Upper
248 100
250 202.3 76.2 114.4#
141 471.4 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF126613.D
Acq: 20 Jan 2022 16:18

Tgt Ion:240 Resp: 274802
Ion Ratio Lower Upper
240 100
120 11.0 14.4 21.6#
236 25.0 20.5 30.7

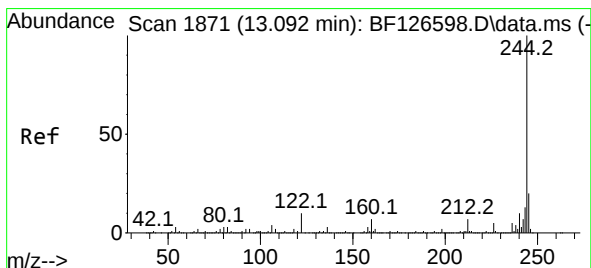
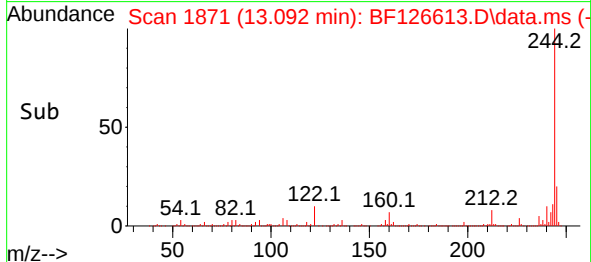
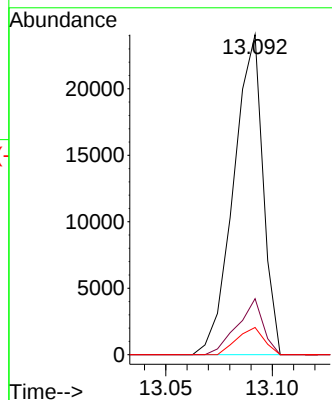
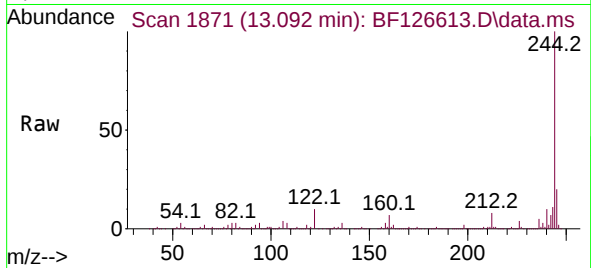




#77
Benzidine
Concen: 2.430 ng
RT: 13.092 min Scan# 1871
Delta R.T. 0.259 min
Lab File: BF126613.D
Acq: 20 Jan 2022 16:18

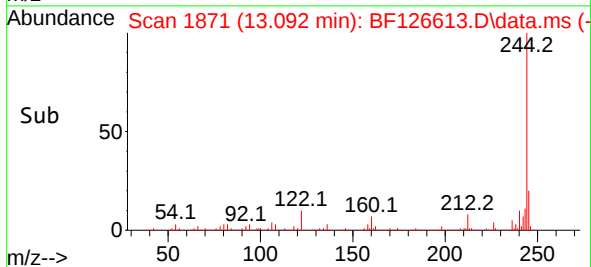
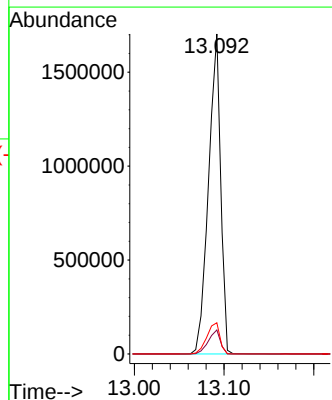
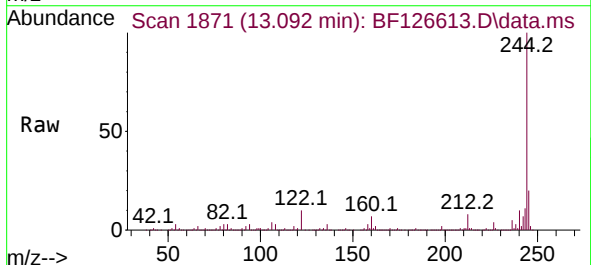
Instrument :
BNA_F
ClientSampleId :
CHRT-26598

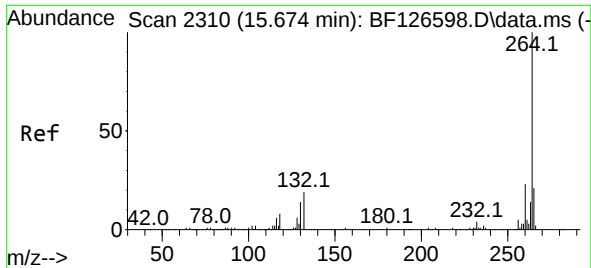
Tgt Ion:184 Resp: 23035
Ion Ratio Lower Upper
184 100
185 17.5 11.8 17.8
183 8.5 8.2 12.2



#79
Terphenyl-d14
Concen: 97.760 ng
RT: 13.092 min Scan# 1871
Delta R.T. -0.000 min
Lab File: BF126613.D
Acq: 20 Jan 2022 16:18

Tgt Ion:244 Resp: 1601689
Ion Ratio Lower Upper
244 100
212 7.5 5.0 7.4#
122 9.7 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.680 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF126613.D
Acq: 20 Jan 2022 16:18

Instrument :
BNA_F
ClientSampleId :
CHRT-26598

Tgt Ion:264 Resp: 217861

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	20.0	17.4	26.2

