

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080921\
 Data File : BF125015.D
 Acq On : 9 Aug 2021 22:40
 Operator : JU/CG
 Sample : M3298-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1928-1930

Quant Time: Aug 10 04:46:44 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 09 11:03:44 2021
 Response via : Initial Calibration

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

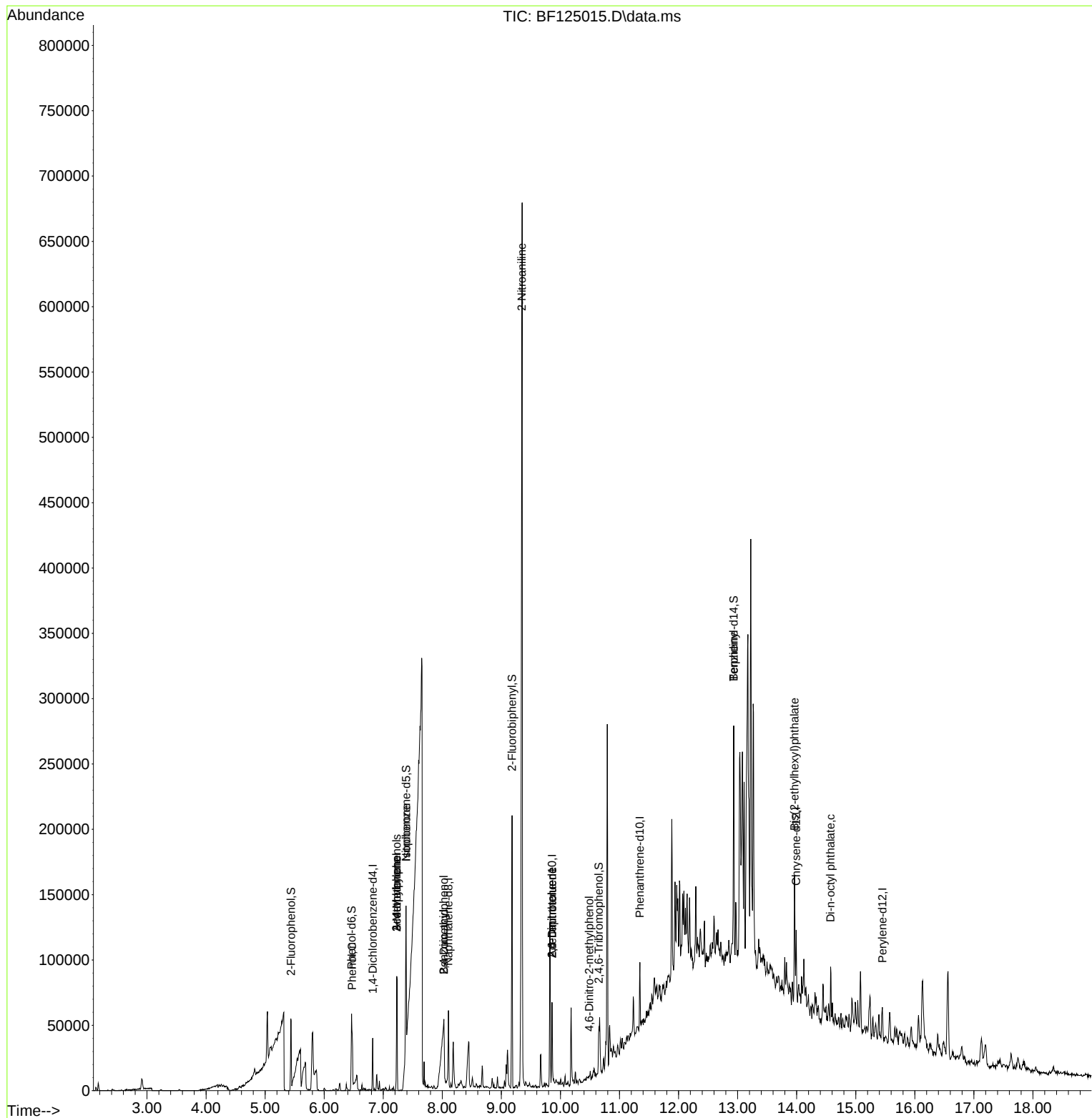
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	5666	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	20230	20.00	ng	# 0.00
39) Acenaphthene-d10	9.857	164	9353	20.00	ng	0.00
64) Phenanthrene-d10	11.345	188	13831	20.00	ng	# 0.00
76) Chrysene-d12	13.992	240	11827	20.00	ng	0.00
86) Perylene-d12	15.451	264	8452	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	15662	45.28	ng	0.00
7) Phenol-d6	6.463	99	16255	37.27	ng	0.00
23) Nitrobenzene-d5	7.386	82	30352	78.49	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	3711	44.41	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	53951	84.40	ng	0.00
79) Terphenyl-d14	12.933	244	50713	72.33	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.475	94	10926	24.28	ng	97
17) 2-Methylphenol	7.228	107	14230	50.11	ng	# 73
20) 3+4-Methylphenols	7.228	107	14230	37.74	ng	# 74
22) Acetophenone	7.228	105	1092	2.20	ng	# 1
25) Isophorone	7.386	82	30361	46.00	ng	# 59
27) 2,4-Dimethylphenol	8.027	122	31759	117.90	ng	# 7
32) Benzoic acid	8.027	122	32731	180.68	ng	90
48) 2-Nitroaniline	9.345	65	911	5.59	ng	# 1
51) 2,6-Dinitrotoluene	9.857	165	1057	7.49	ng	# 26
57) 2,4-Dinitrotoluene	9.857	165	1057	5.52	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.486	198	364	4.20	ng	# 22
77) Benzidine	12.933	184	1202	3.80	ng	# 5
84) Bis(2-ethylhexyl)phtha...	13.962	149	32844	57.11	ng	# 100
85) Di-n-octyl phthalate	14.574	149	20162	22.22	ng	# 98

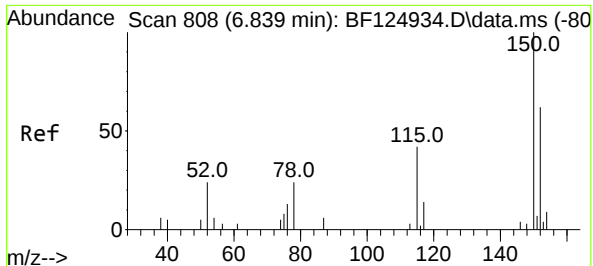
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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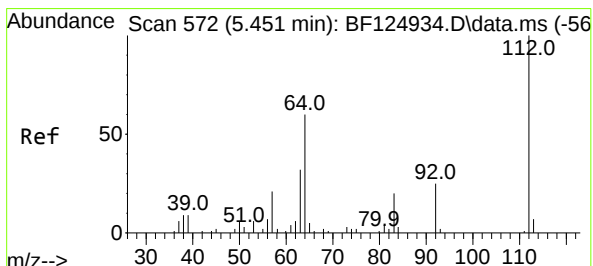
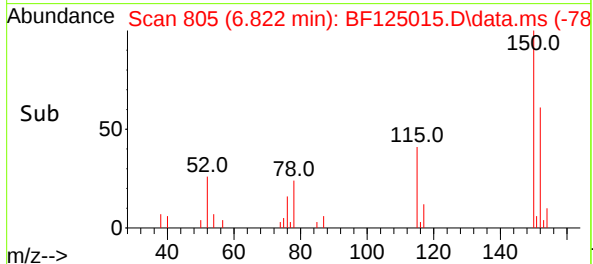
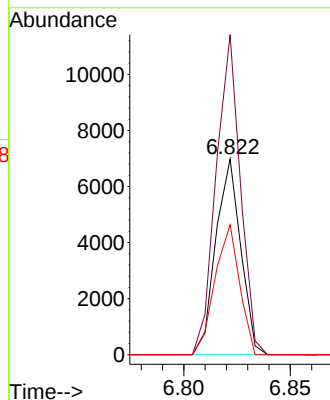
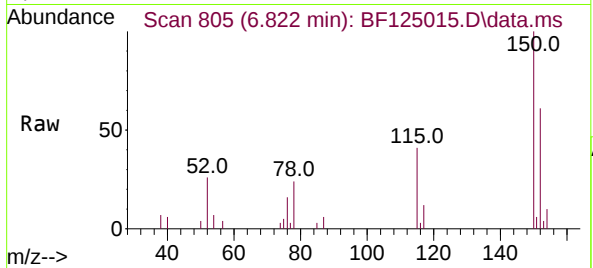




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF125015.D
Acq: 9 Aug 2021 22:40

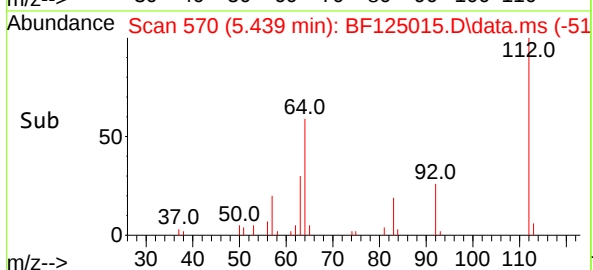
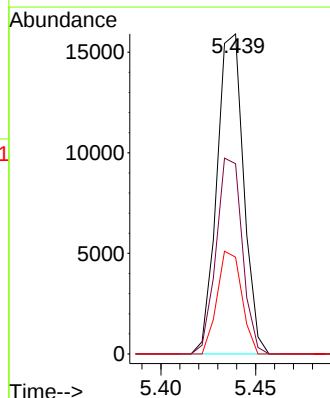
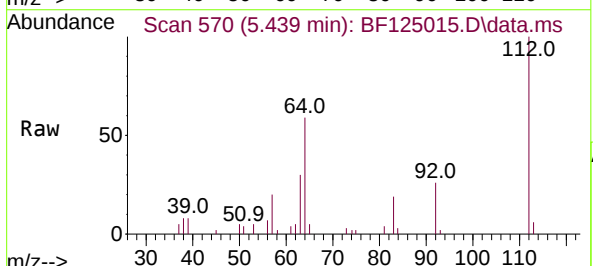
Instrument :
BNA_F
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1928-1930

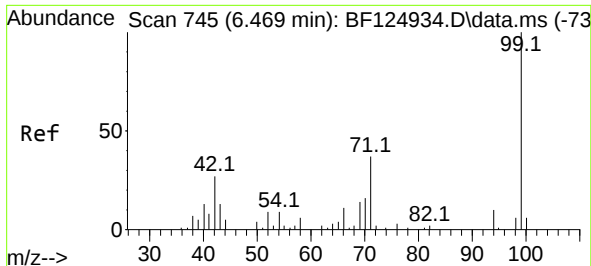
Tgt Ion:152 Resp: 5666
Ion Ratio Lower Upper
152 100
150 163.5 117.6 176.4
115 66.4 47.1 70.7



#5
2-Fluorophenol
Concen: 45.28 ng
RT: 5.439 min Scan# 570
Delta R.T. -0.000 min
Lab File: BF125015.D
Acq: 9 Aug 2021 22:40

Tgt Ion:112 Resp: 15662
Ion Ratio Lower Upper
112 100
64 59.4 44.2 66.2
63 30.2 26.2 39.2

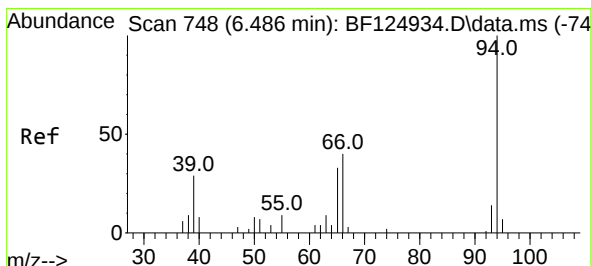
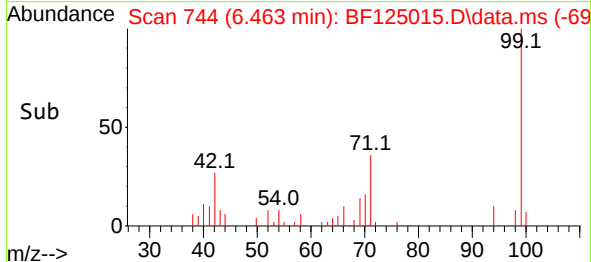
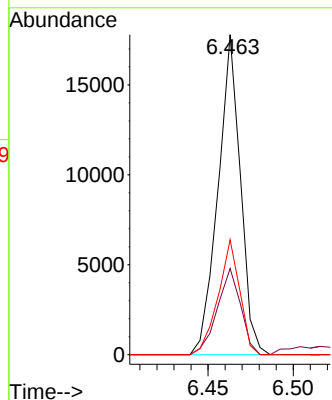
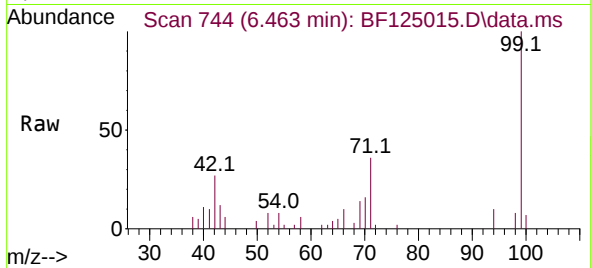




#7
Phenol-d6
Concen: 37.27 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF125015.D
Acq: 9 Aug 2021 22:40

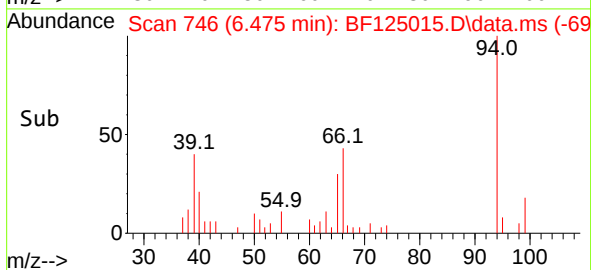
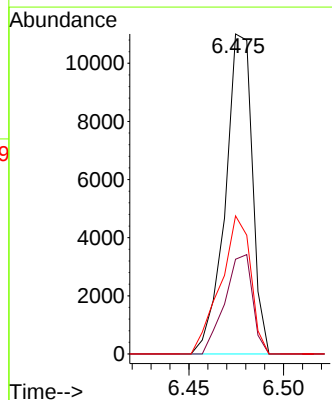
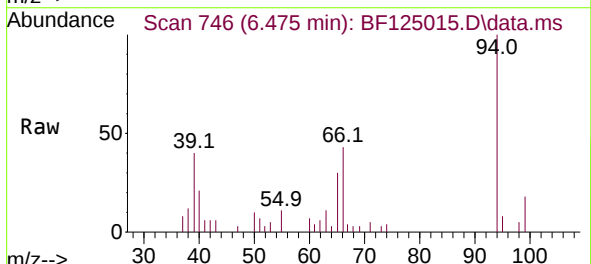
Instrument :
BNA_F
ClientSampleId :
1928-1930

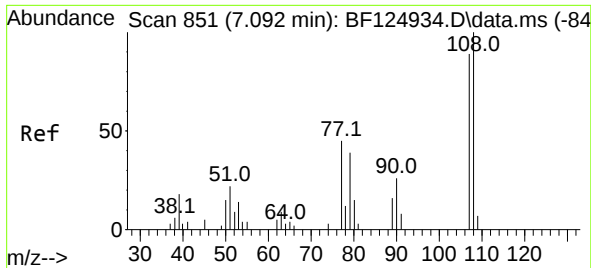
Tgt Ion: 99 Resp: 16255
Ion Ratio Lower Upper
99 100
42 27.0 23.5 35.3
71 35.9 25.6 38.4



#10
Phenol
Concen: 24.28 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF125015.D
Acq: 9 Aug 2021 22:40

Tgt Ion: 94 Resp: 10926
Ion Ratio Lower Upper
94 100
65 29.6 9.3 49.3
66 43.1 20.3 60.3

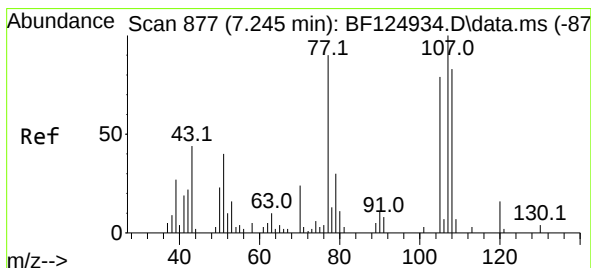
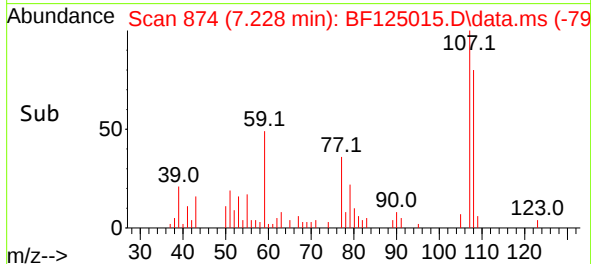
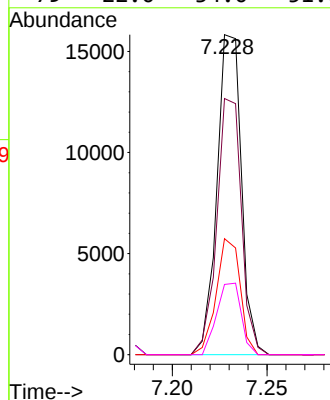
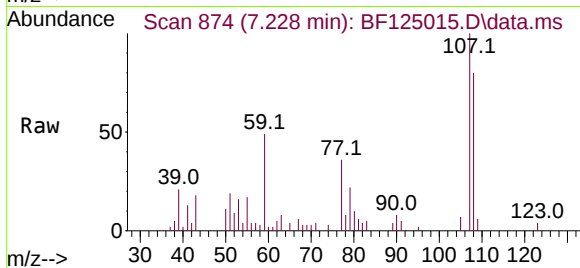




#17
2-Methylphenol
Concen: 50.11 ng
RT: 7.228 min Scan# 874
Delta R.T. 0.153 min
Lab File: BF125015.D
Acq: 9 Aug 2021 22:40

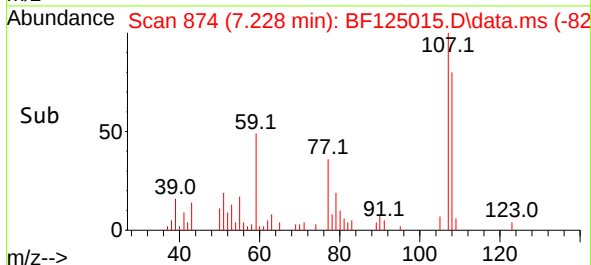
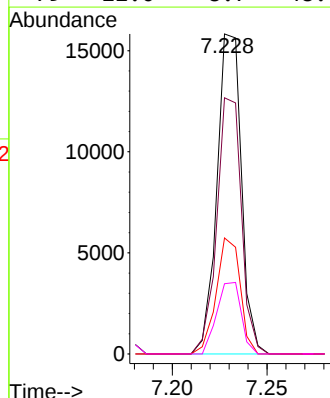
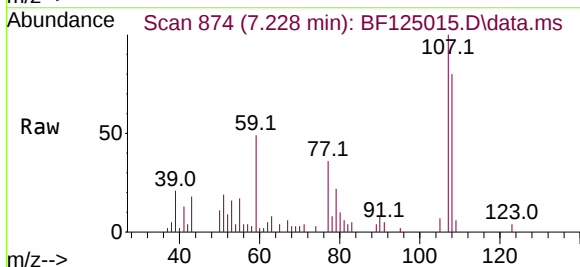
Instrument :
BNA_F
ClientSampleId :
1928-1930

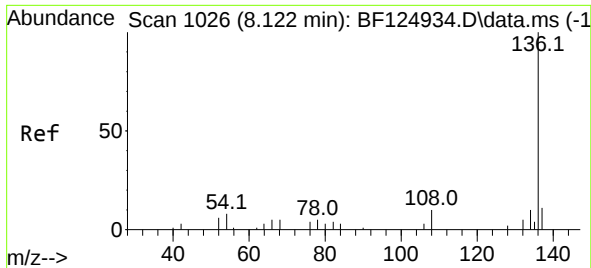
Tgt Ion:107 Resp: 14230
Ion Ratio Lower Upper
107 100
108 80.0 90.6 135.8#
77 36.3 35.7 53.5
79 22.0 34.0 51.0#



#20
3+4-Methylphenols
Concen: 37.74 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF125015.D
Acq: 9 Aug 2021 22:40

Tgt Ion:107 Resp: 14230
Ion Ratio Lower Upper
107 100
108 80.0 76.6 116.6
77 36.3 53.3 93.3#
79 22.0 8.7 48.7

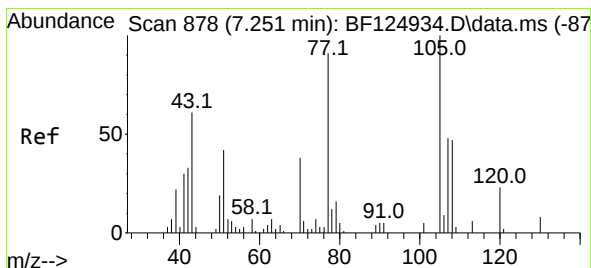
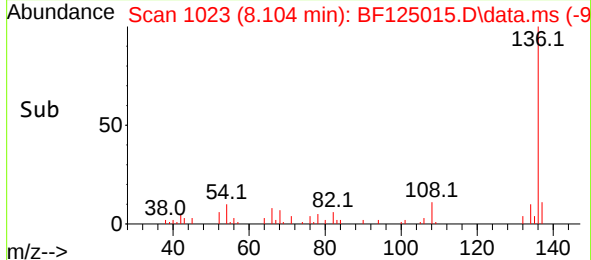
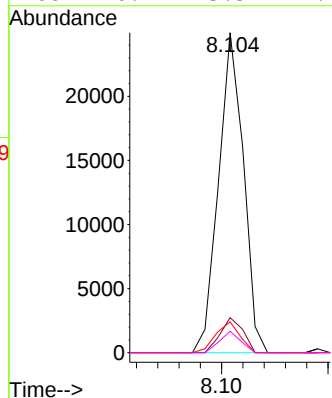
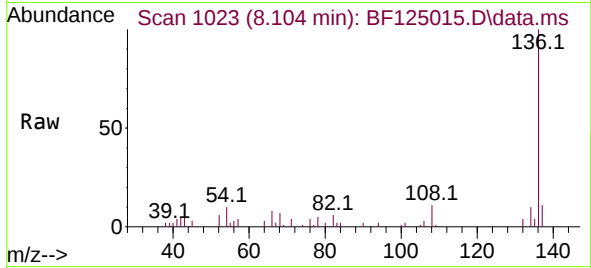




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF125015.D
Acq: 9 Aug 2021 22:40

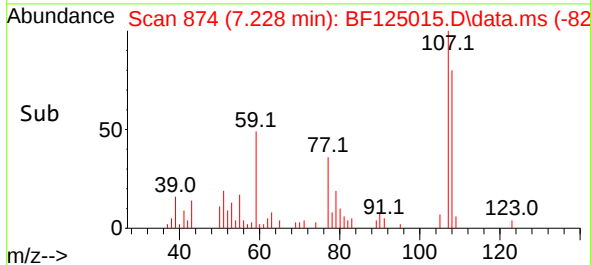
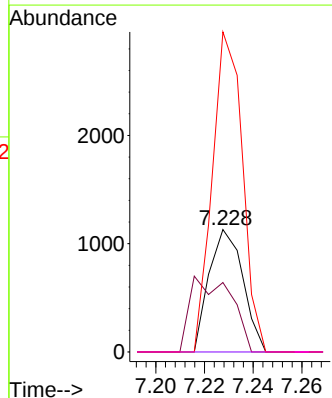
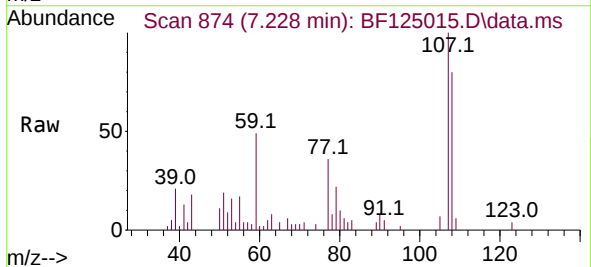
Instrument :
BNA_F
ClientSampleId :
1928-1930

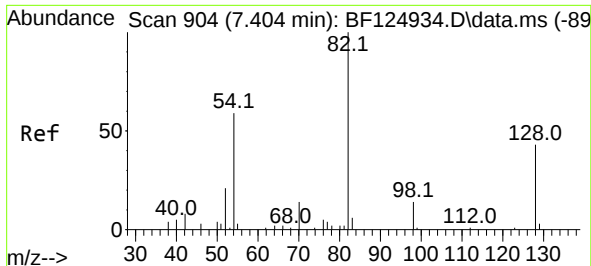
Tgt Ion:136	Resp:	20230
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.8 14.6
54	9.6	6.4 9.6#
68	6.7	3.3 4.9#



#22
Acetophenone
Concen: 2.20 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF125015.D
Acq: 9 Aug 2021 22:40

Tgt Ion:105	Resp:	1092
Ion Ratio	Lower	Upper
105	100	
71	56.7	5.5 8.3#
51	261.6	26.0 39.0#
120	0.0	18.5 27.7#

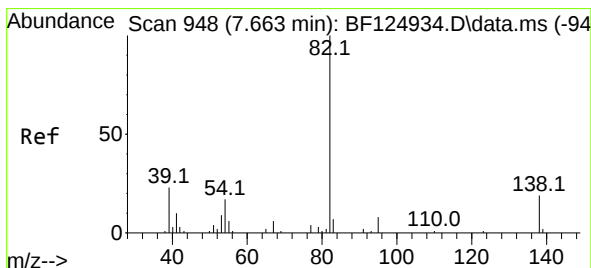
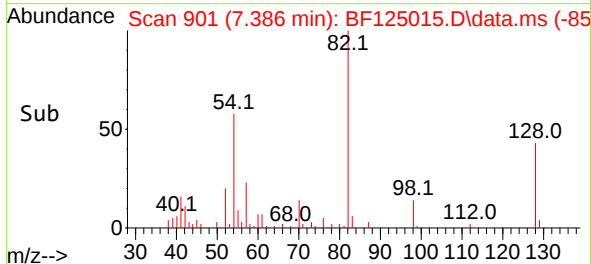
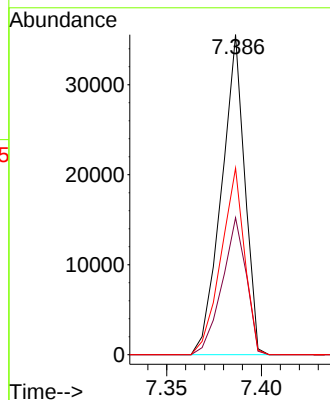
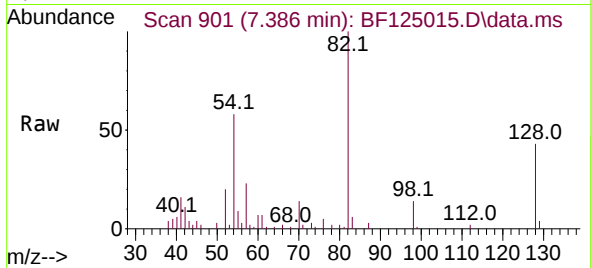




#23
Nitrobenzene-d5
Concen: 78.49 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF125015.D
Acq: 9 Aug 2021 22:40

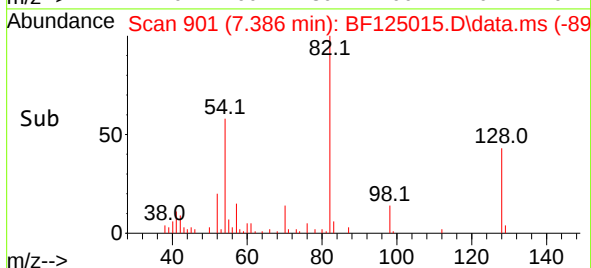
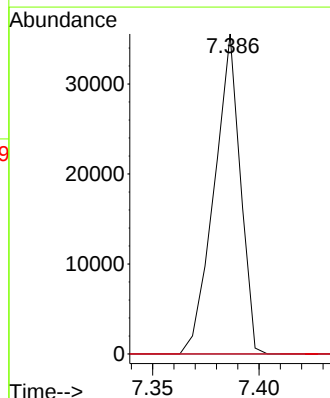
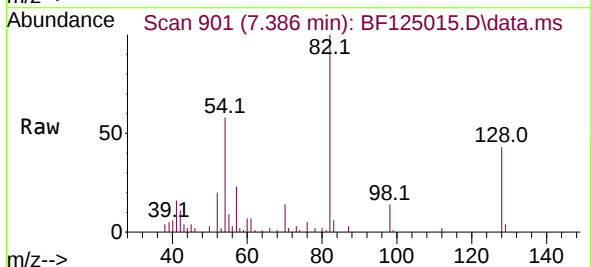
Instrument :
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1928-1930

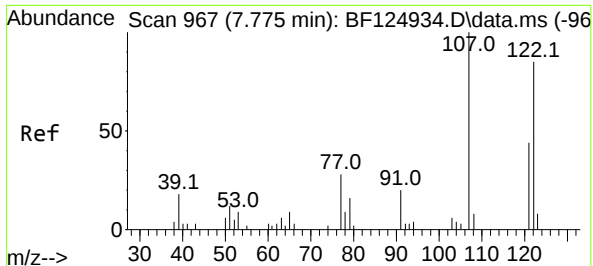
Tgt Ion: 82 Resp: 30352
Ion Ratio Lower Upper
82 100
128 42.8 40.6 60.8
54 58.3 49.6 74.4



#25
Isophorone
Concen: 46.00 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.259 min
Lab File: BF125015.D
Acq: 9 Aug 2021 22:40

Tgt Ion: 82 Resp: 30361
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#





#27

2,4-Dimethylphenol

Concen: 117.90 ng

RT: 8.027 min Scan# 1010

Delta R.T. 0.271 min

Lab File: BF125015.D

Acq: 9 Aug 2021 22:40

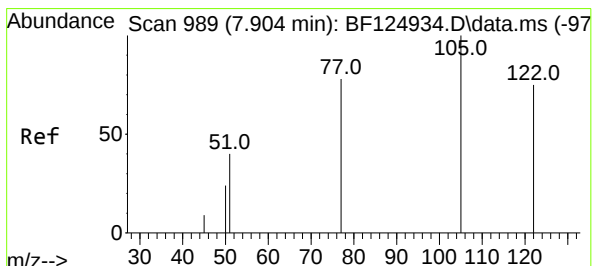
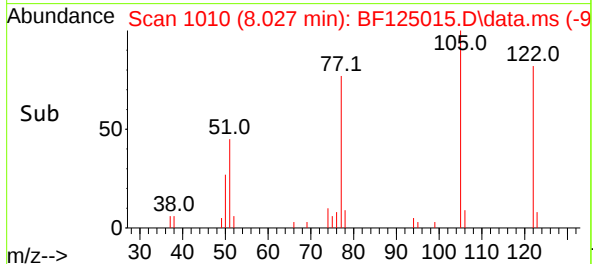
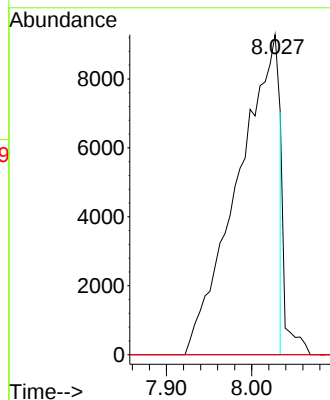
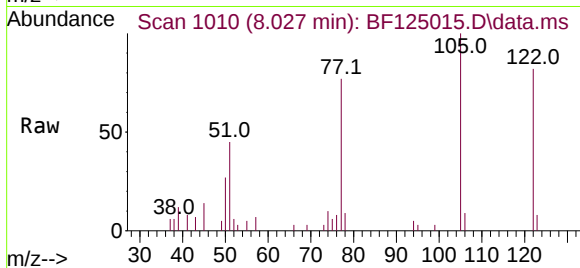
Tgt Ion:122 Resp: 31759

Ion Ratio Lower Upper

122 100

107 0.0 85.0 127.6#

121 0.0 43.3 64.9#



#32

Benzoic acid

Concen: 180.68 ng

RT: 8.027 min Scan# 1010

Delta R.T. 0.135 min

Lab File: BF125015.D

Acq: 9 Aug 2021 22:40

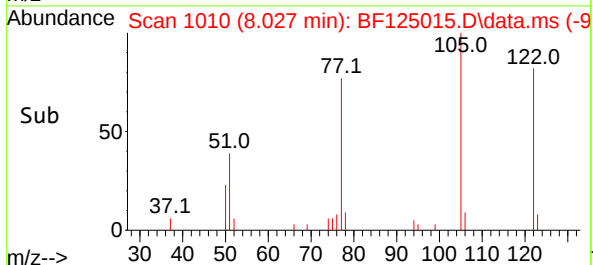
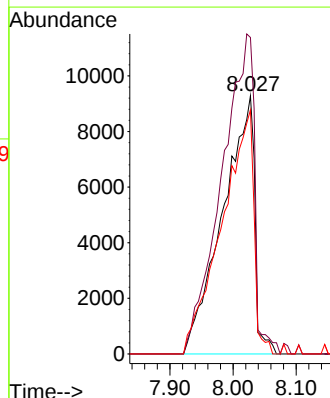
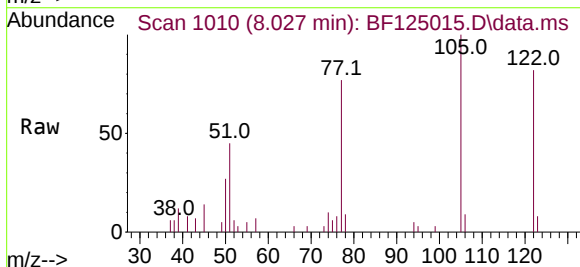
Tgt Ion:122 Resp: 32731

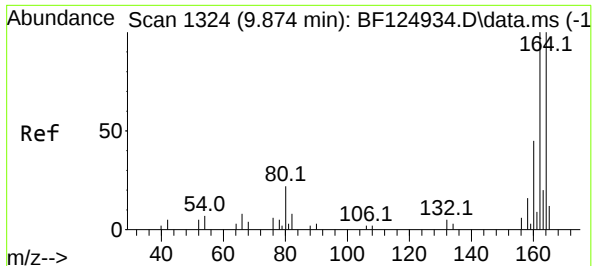
Ion Ratio Lower Upper

122 100

105 122.6 97.6 137.6

77 94.5 59.6 99.6





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.857 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF125015.D

Acq: 9 Aug 2021 22:40

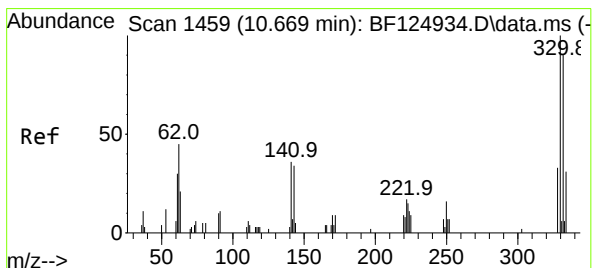
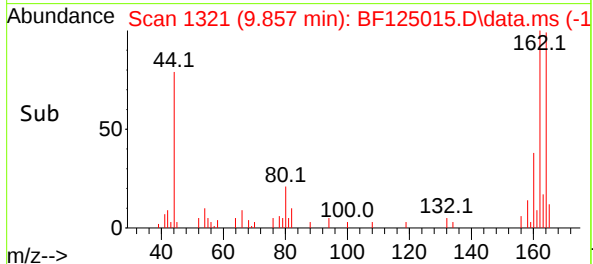
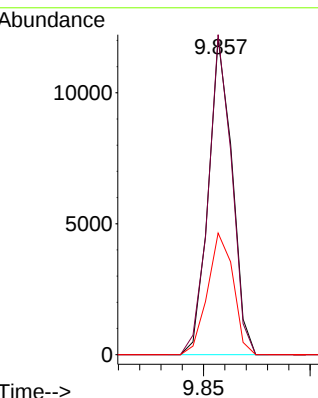
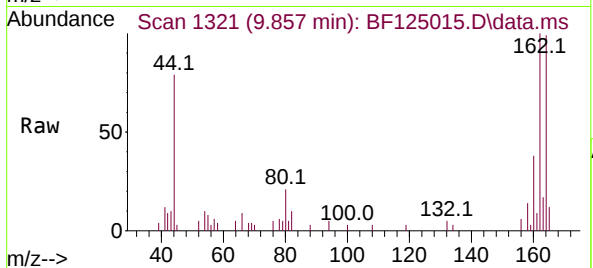
Tgt Ion:164 Resp: 9353

Ion Ratio Lower Upper

164 100

162 101.2 81.3 121.9

160 38.5 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 44.41 ng

RT: 10.651 min Scan# 1456

Delta R.T. -0.000 min

Lab File: BF125015.D

Acq: 9 Aug 2021 22:40

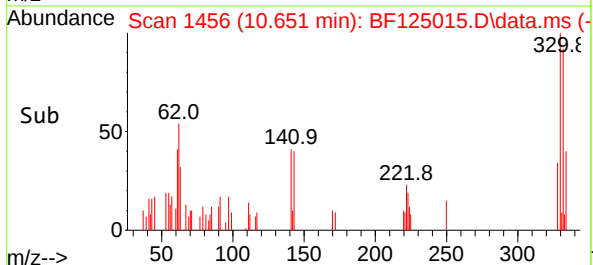
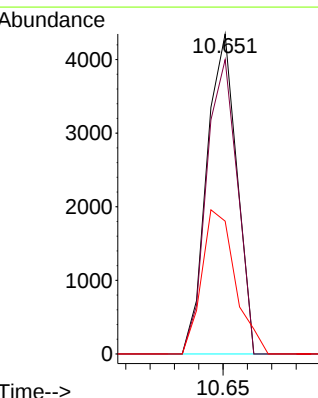
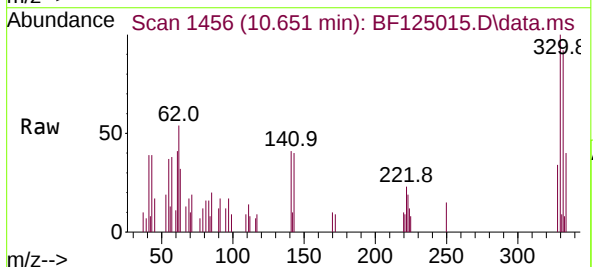
Tgt Ion:330 Resp: 3711

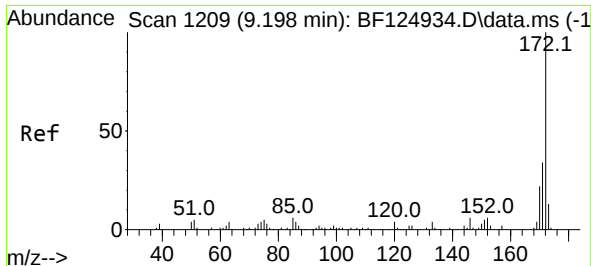
Ion Ratio Lower Upper

330 100

332 94.2 76.2 114.4

141 50.7 44.6 66.8

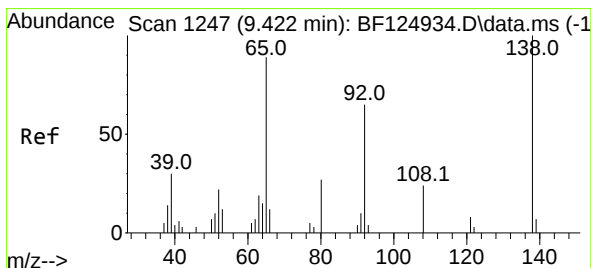
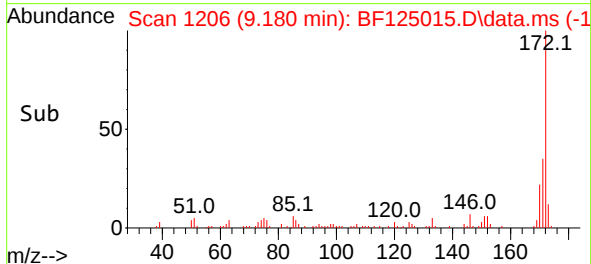
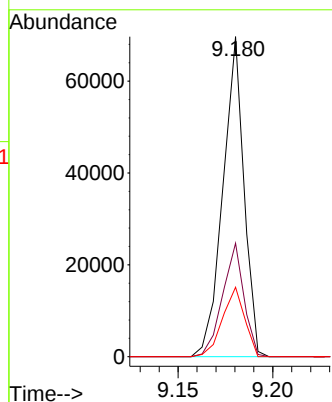
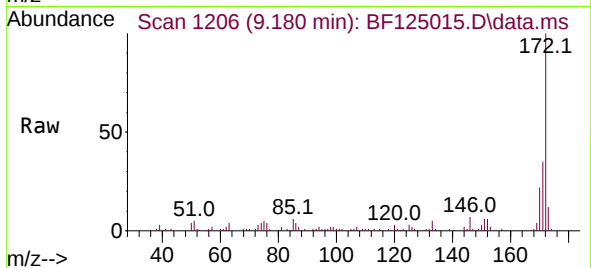




#45
2-Fluorobiphenyl
Concen: 84.40 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF125015.D
Acq: 9 Aug 2021 22:40

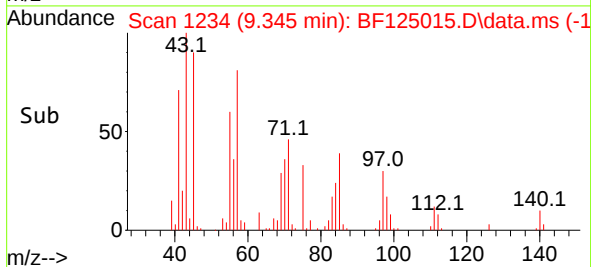
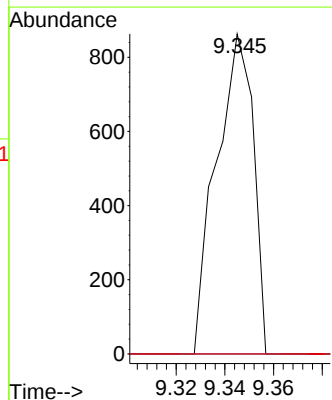
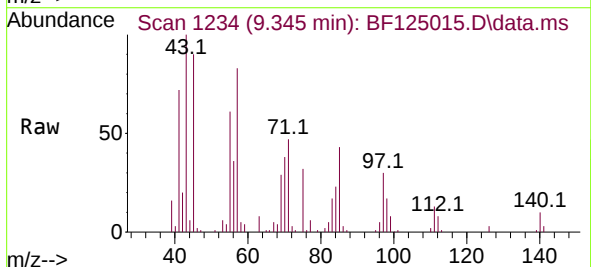
Instrument :
BNA_F
ClientSampleId :
1928-1930

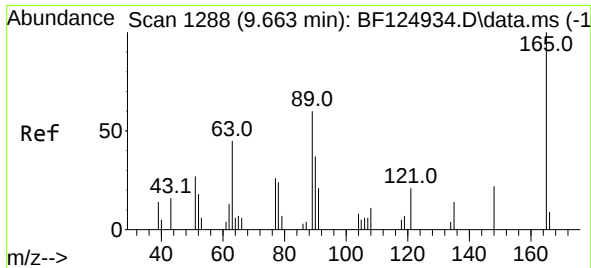
Tgt Ion:172 Resp: 53951
Ion Ratio Lower Upper
172 100
171 35.4 26.5 39.7
170 21.7 18.8 28.2



#48
2-Nitroaniline
Concen: 5.59 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.059 min
Lab File: BF125015.D
Acq: 9 Aug 2021 22:40

Tgt Ion: 65 Resp: 911
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 93.5 140.3#

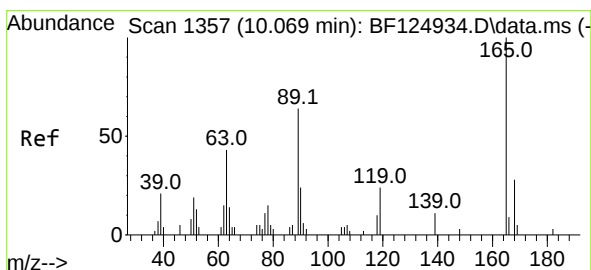
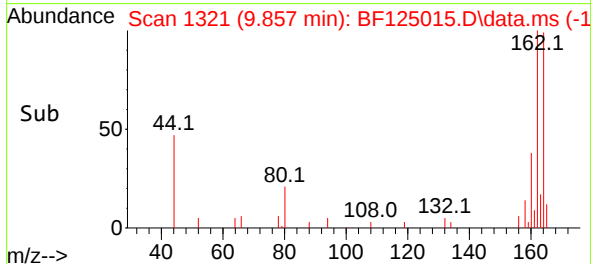
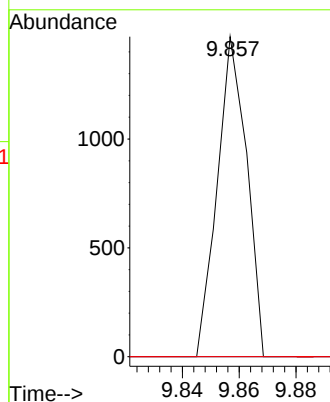
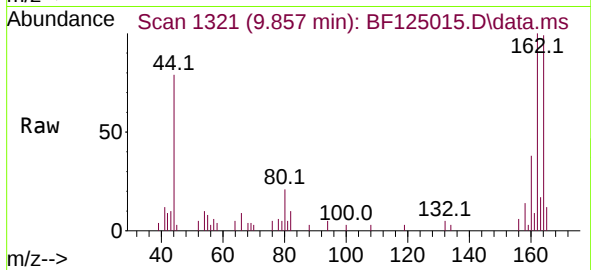




#51
2,6-Dinitrotoluene
Concen: 7.49 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.212 min
Lab File: BF125015.D
Acq: 9 Aug 2021 22:40

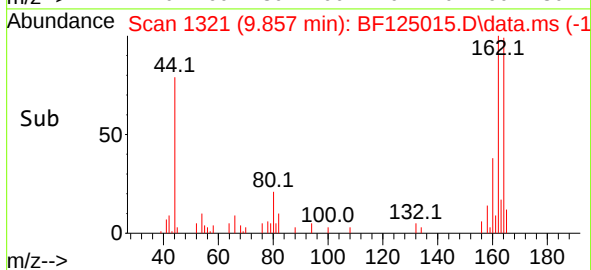
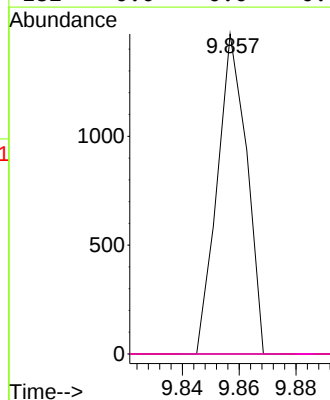
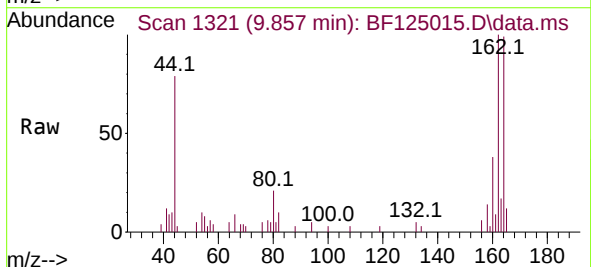
Instrument :
BNA_F
ClientSampled :
1928-1930

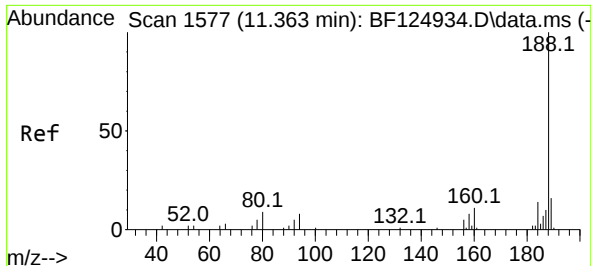
Tgt Ion:165 Resp: 1057
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.52 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF125015.D
Acq: 9 Aug 2021 22:40

Tgt Ion:165 Resp: 1057
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

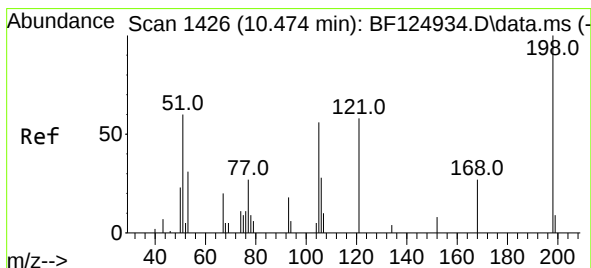
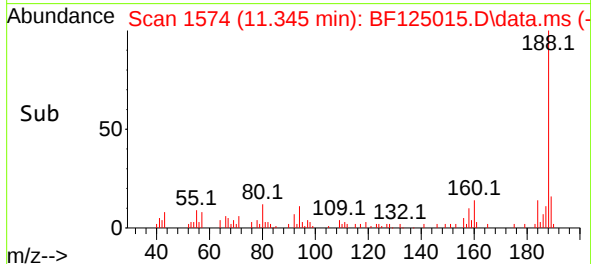
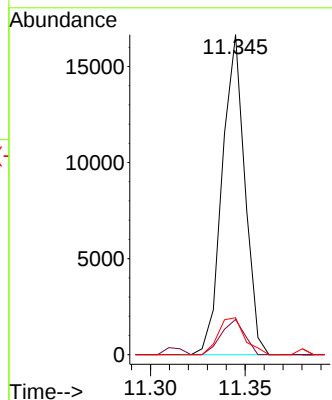
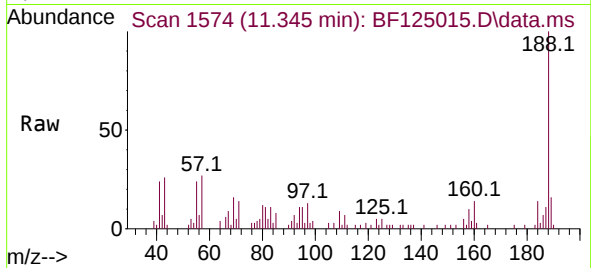




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF125015.D
Acq: 9 Aug 2021 22:40

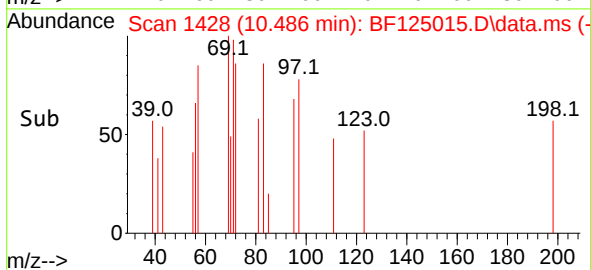
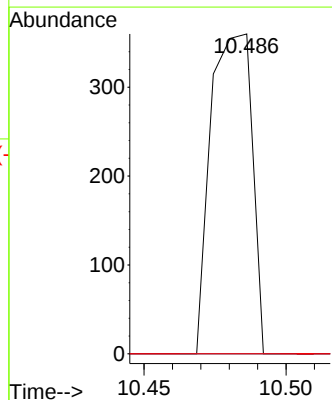
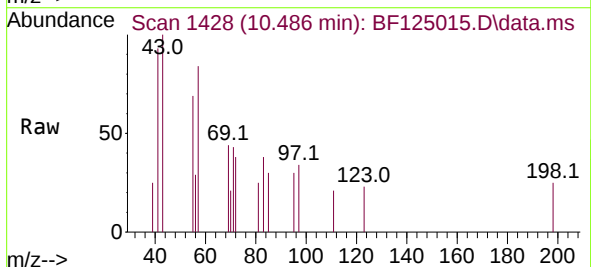
Instrument :
BNA_F
ClientSampleId :
1928-1930

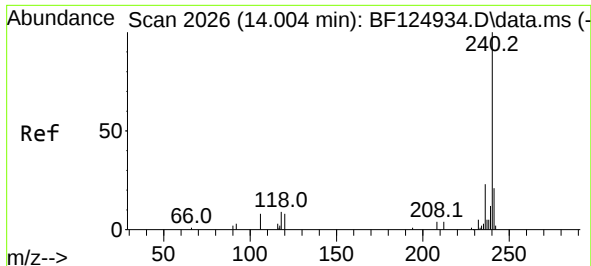
Tgt Ion:188 Resp: 13831
Ion Ratio Lower Upper
188 100
94 11.0 6.7 10.1#
80 11.5 7.5 11.3#



#65
4,6-Dinitro-2-methylphenol
Concen: 4.20 ng
RT: 10.486 min Scan# 1428
Delta R.T. 0.023 min
Lab File: BF125015.D
Acq: 9 Aug 2021 22:40

Tgt Ion:198 Resp: 364
Ion Ratio Lower Upper
198 100
51 0.0 45.3 85.3#
105 0.0 30.6 70.6#

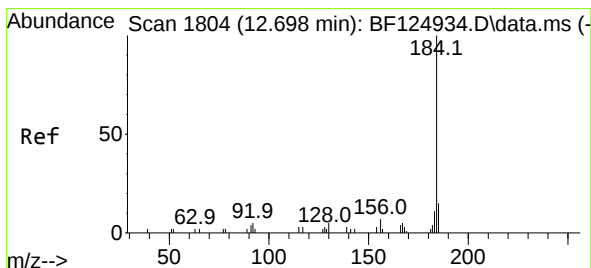
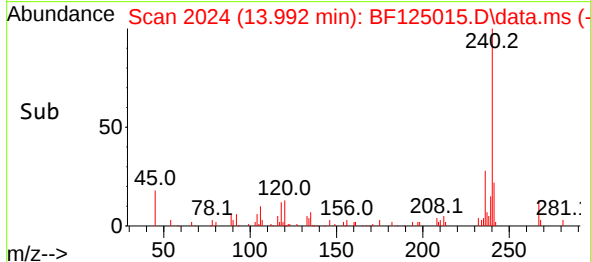
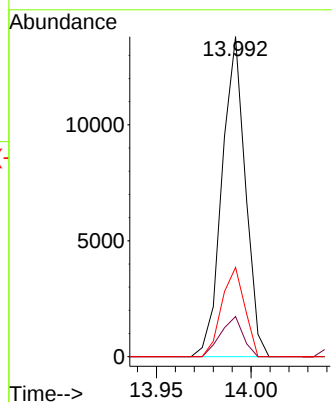
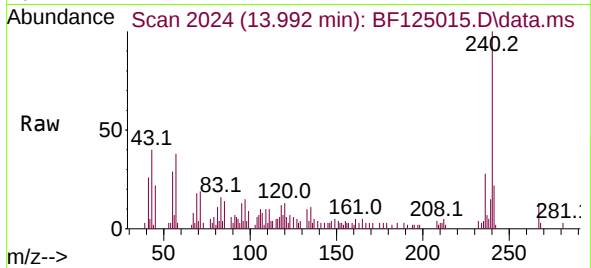




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF125015.D
Acq: 9 Aug 2021 22:40

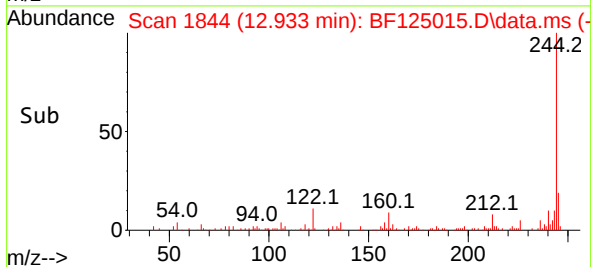
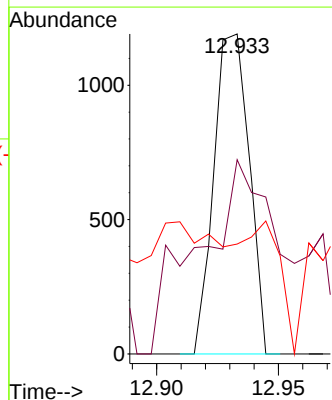
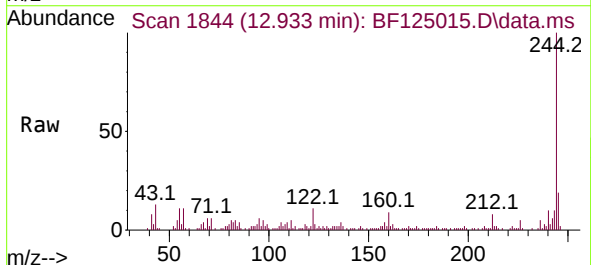
Instrument :
BNA_F
ClientSampleId :
1928-1930

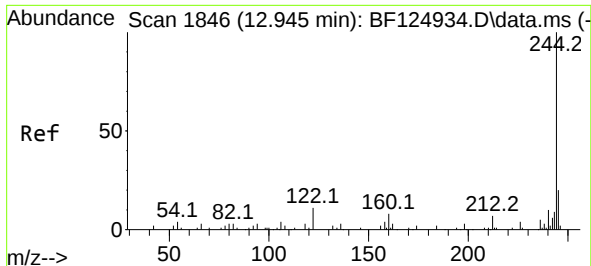
Tgt Ion:240	Resp:	11827
Ion Ratio	Lower	Upper
240	100	
120	12.6	10.8 16.2
236	27.9	21.6 32.4



#77
Benzidine
Concen: 3.80 ng
RT: 12.933 min Scan# 1844
Delta R.T. 0.253 min
Lab File: BF125015.D
Acq: 9 Aug 2021 22:40

Tgt Ion:184	Resp:	1202
Ion Ratio	Lower	Upper
184	100	
185	60.7	10.8 16.2#
183	34.3	8.1 12.1#

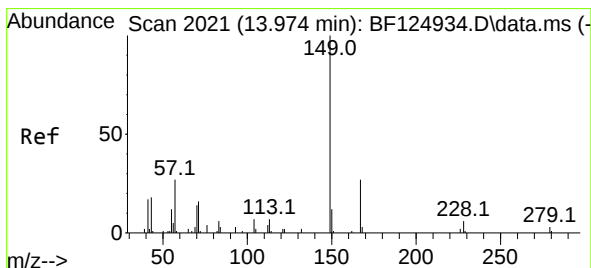
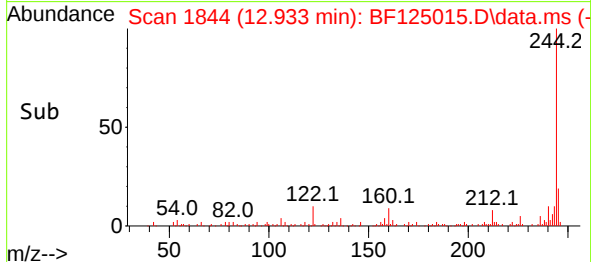
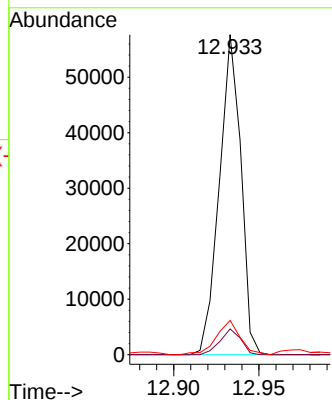
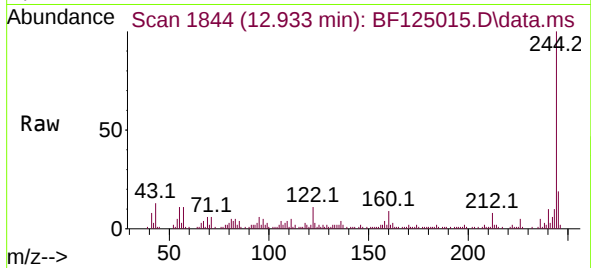




#79
 Terphenyl-d14
 Concen: 72.33 ng
 RT: 12.933 min Scan# 1844
 Delta R.T. 0.006 min
 Lab File: BF125015.D
 Acq: 9 Aug 2021 22:40

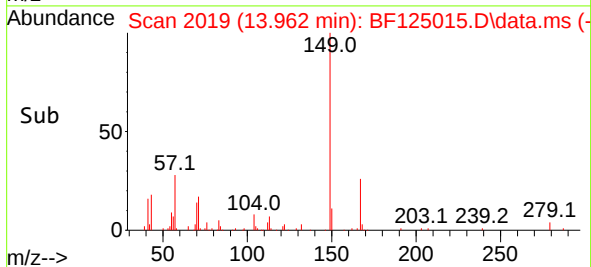
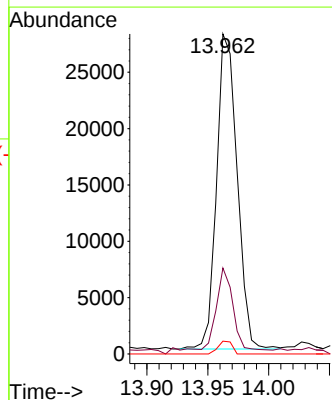
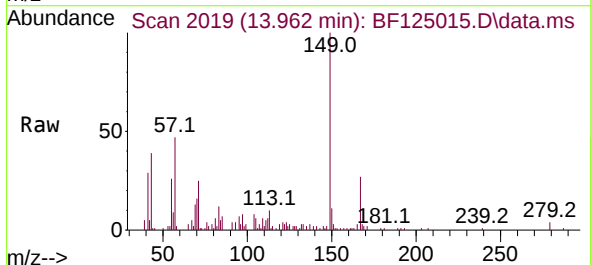
Instrument :
 BNA_F
 ClientSampleId :
 1928-1930

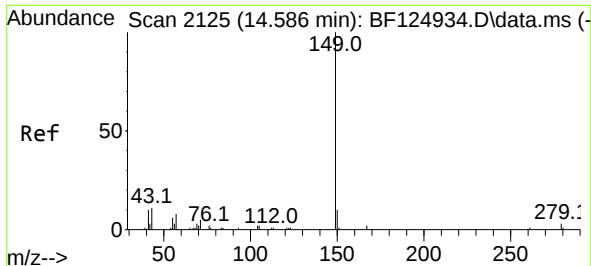
Tgt Ion:244 Resp: 50713
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.9 8.9
 122 10.7 9.0 13.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 57.11 ng
 RT: 13.962 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: BF125015.D
 Acq: 9 Aug 2021 22:40

Tgt Ion:149 Resp: 32844
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.4 32.0
 279 4.0 2.6 4.0#

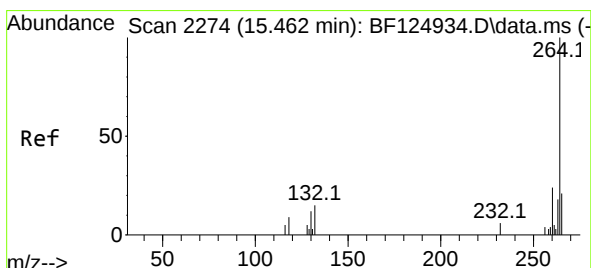
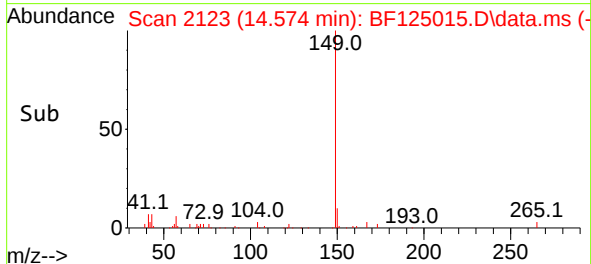
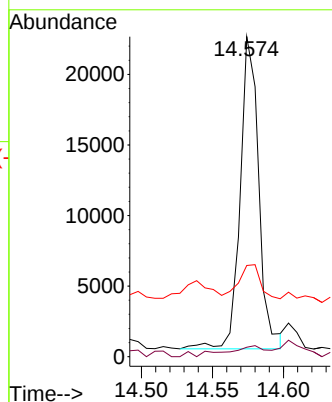
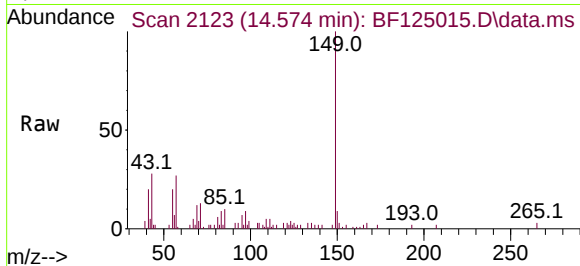




#85
Di-n-octyl phthalate
Concen: 22.22 ng
RT: 14.574 min Scan# 2123
Delta R.T. 0.006 min
Lab File: BF125015.D
Acq: 9 Aug 2021 22:40

Instrument :
BNA_F
ClientSampleId :
1928-1930

Tgt Ion:149 Resp: 20162
Ion Ratio Lower Upper
149 100
167 8.0 1.0 1.6#
43 12.7 9.9 14.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.451 min Scan# 2272
Delta R.T. 0.012 min
Lab File: BF125015.D
Acq: 9 Aug 2021 22:40

Tgt Ion:264 Resp: 8452
Ion Ratio Lower Upper
264 100
260 26.8 19.6 29.4
265 20.5 17.2 25.8

