

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080921\
 Data File : BF125016.D
 Acq On : 9 Aug 2021 23:13
 Operator : JU/CG
 Sample : M3298-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1964-1968

Quant Time: Aug 10 04:46:55 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)

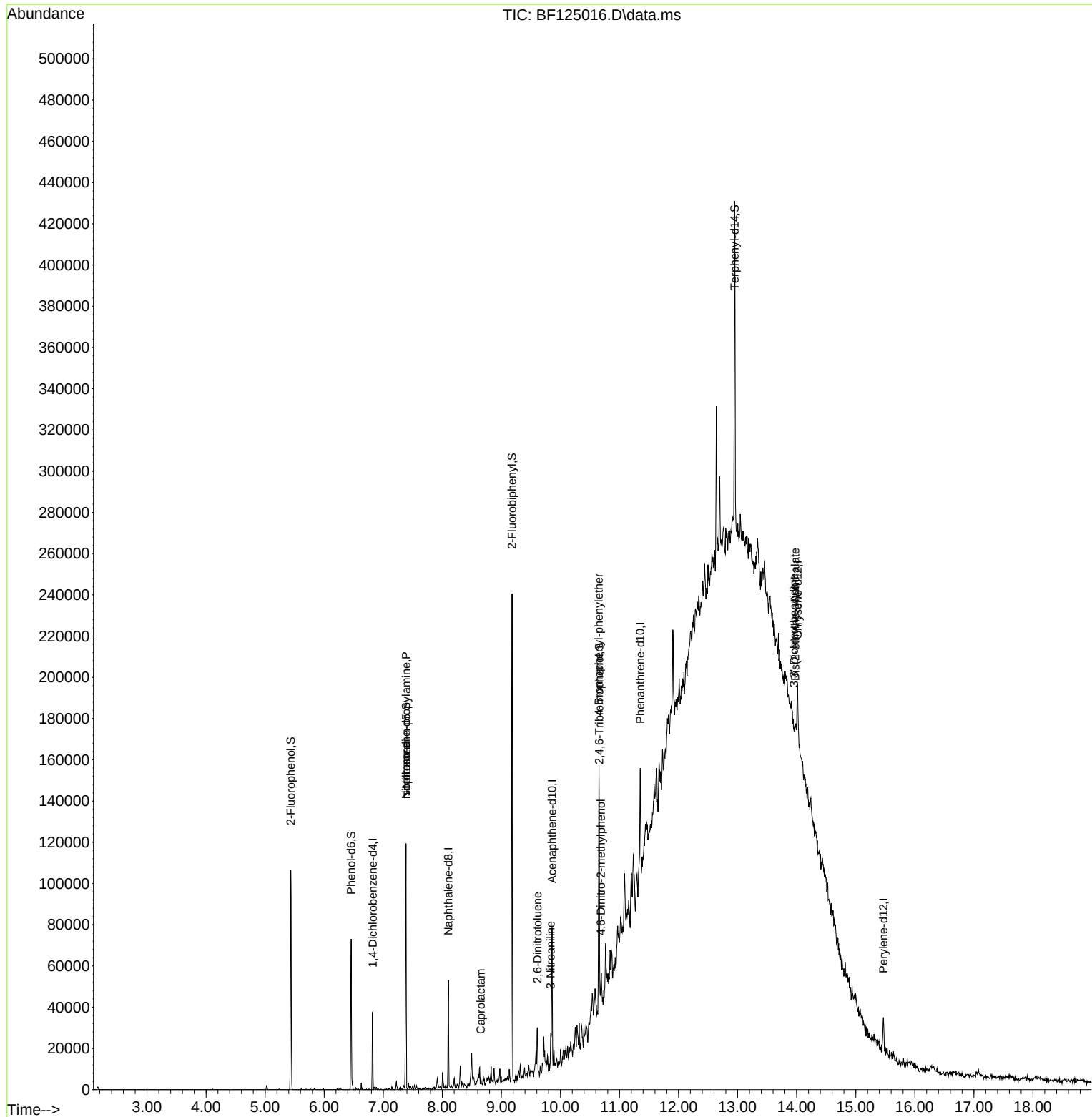
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	5719	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	20760	20.00	ng	# 0.00
39) Acenaphthene-d10	9.857	164	9118	20.00	ng	0.00
64) Phenanthrene-d10	11.351	188	15949	20.00	ng	0.00
76) Chrysene-d12	14.015	240	11645	20.00	ng	0.03
86) Perylene-d12	15.468	264	8272	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	27751	79.49	ng	0.00
7) Phenol-d6	6.457	99	21131	48.00	ng	0.00
23) Nitrobenzene-d5	7.386	82	32526	81.96	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	10725	131.66	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	59981	96.26	ng	0.00
79) Terphenyl-d14	12.951	244	54810	79.39	ng	0.02
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.386	70	4654	17.82	ng	# 64
25) Isophorone	7.386	82	32526	48.02	ng	# 59
35) Caprolactam	8.651	113	514	6.29	ng	# 10
51) 2,6-Dinitrotoluene	9.610	165	1157	8.41	ng	# 26
53) 3-Nitroaniline	9.833	138	334	2.30	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.686	198	1995	19.97	ng	# 74
67) 4-Bromophenyl-phenylether	10.651	248	726	4.16	ng	# 1
82) 3,3'-Dichlorobenzidine	13.957	252	607	3.03	ng	# 59
84) Bis(2-ethylhexyl)phtha...	13.974	149	1646	2.91	ng	# 17

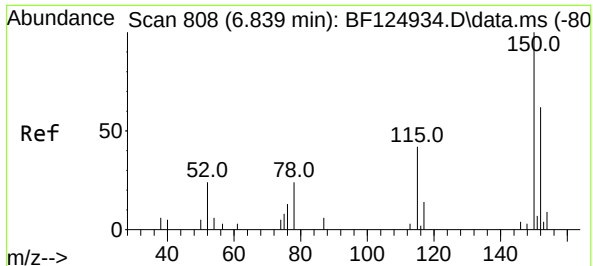
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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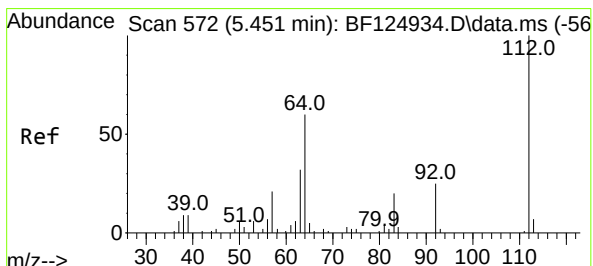
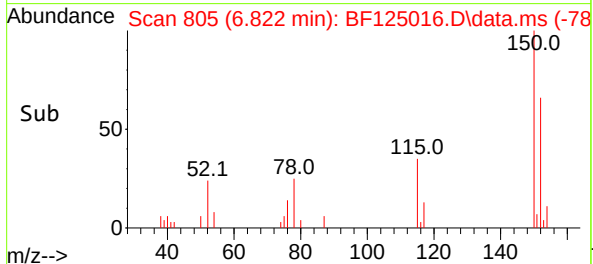
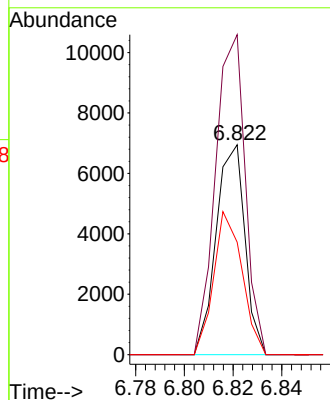
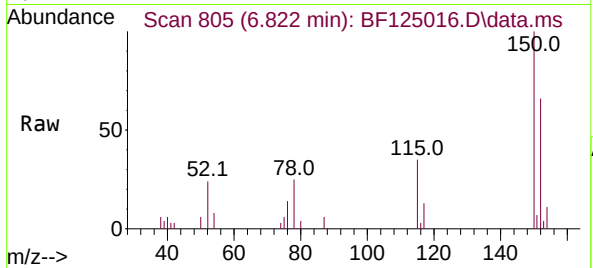




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF125016.D
Acq: 9 Aug 2021 23:13

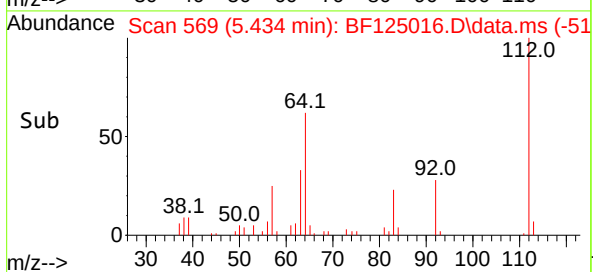
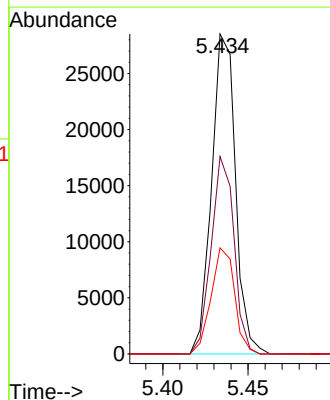
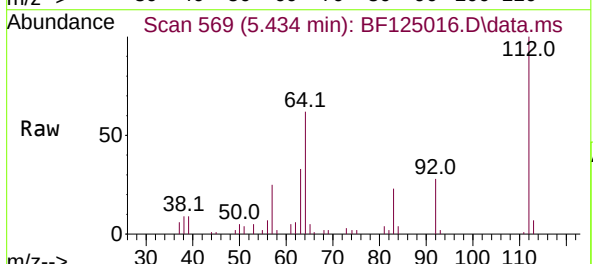
Instrument :
BNA_F
ClientSampleId :
1964-1968

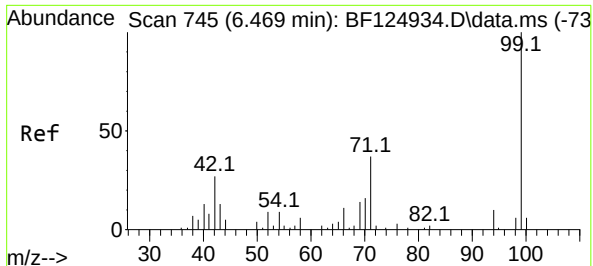
Tgt Ion:152 Resp: 5719
Ion Ratio Lower Upper
152 100
150 152.4 117.6 176.4
115 53.6 47.1 70.7



#5
2-Fluorophenol
Concen: 79.49 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.006 min
Lab File: BF125016.D
Acq: 9 Aug 2021 23:13

Tgt Ion:112 Resp: 27751
Ion Ratio Lower Upper
112 100
64 61.7 44.2 66.2
63 33.2 26.2 39.2

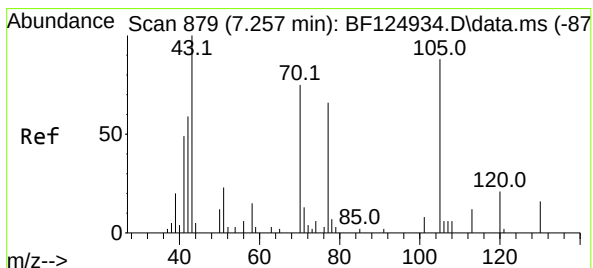
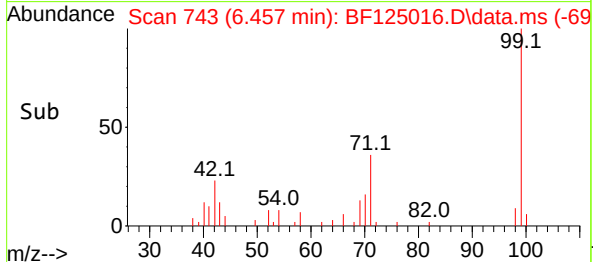
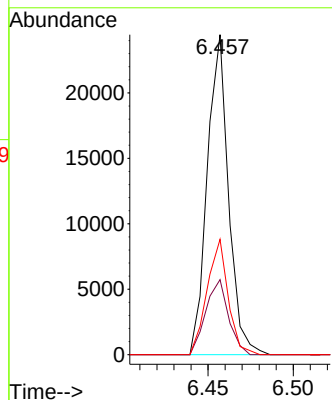
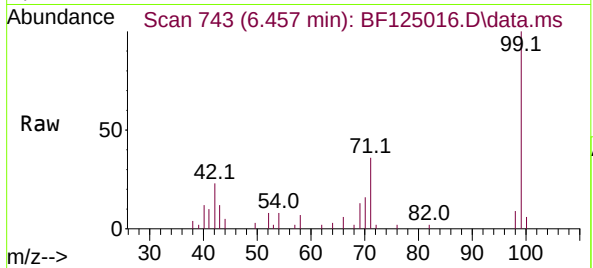




#7
Phenol-d6
Concen: 48.00 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF125016.D
Acq: 9 Aug 2021 23:13

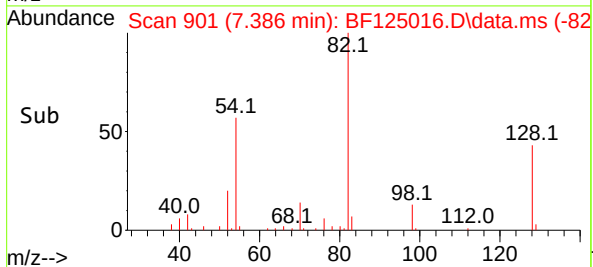
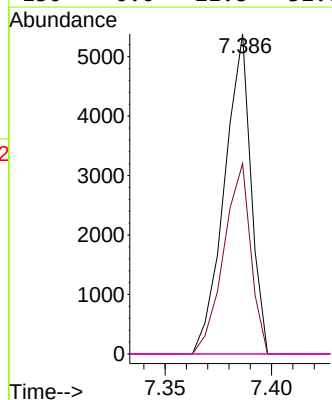
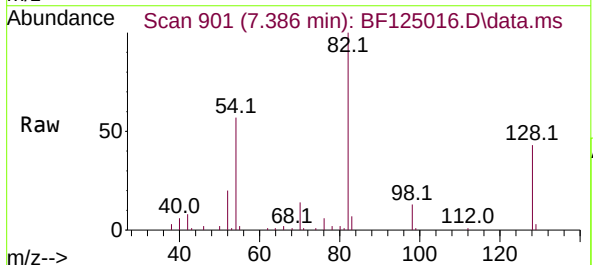
Instrument :
BNA_F
ClientSampleId :
1964-1968

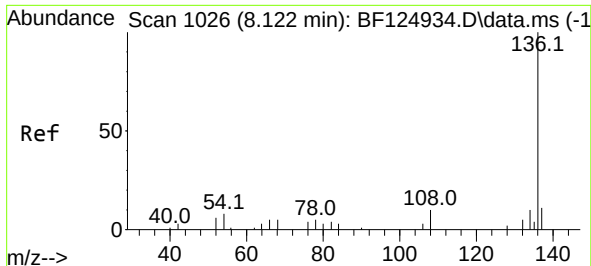
Tgt Ion: 99 Resp: 21131
Ion Ratio Lower Upper
99 100
42 23.4 23.5 35.3#
71 36.1 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.82 ng
RT: 7.386 min Scan# 901
Delta R.T. 0.147 min
Lab File: BF125016.D
Acq: 9 Aug 2021 23:13

Tgt Ion: 70 Resp: 4654
Ion Ratio Lower Upper
70 100
42 59.5 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#

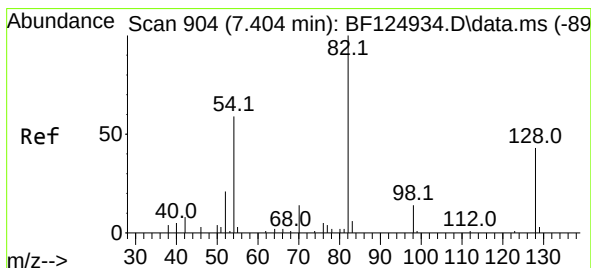
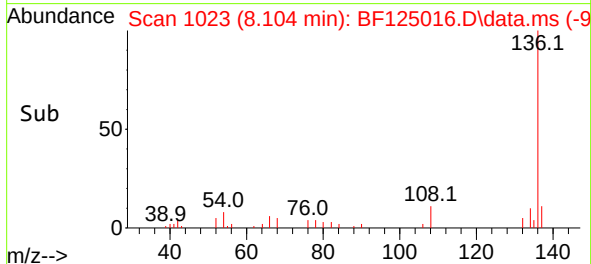
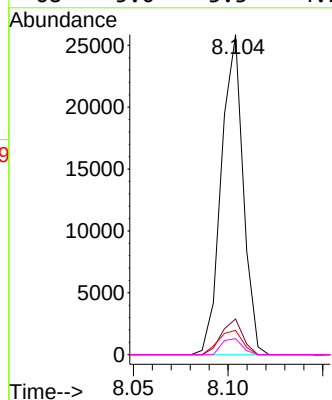
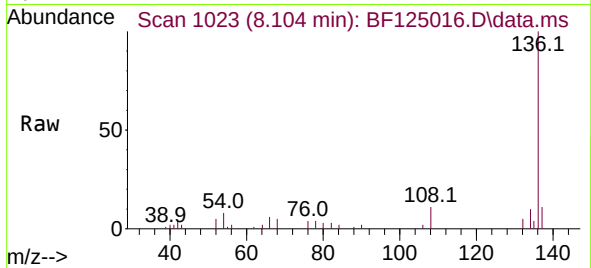




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF125016.D
Acq: 9 Aug 2021 23:13

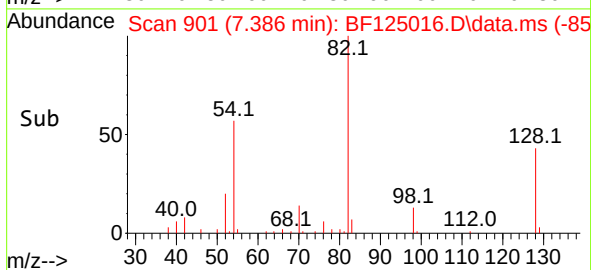
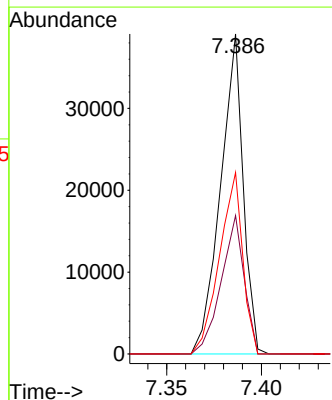
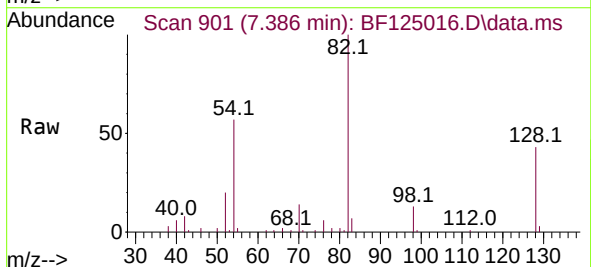
Instrument :
BNA_F
ClientSampleId :
1964-1968

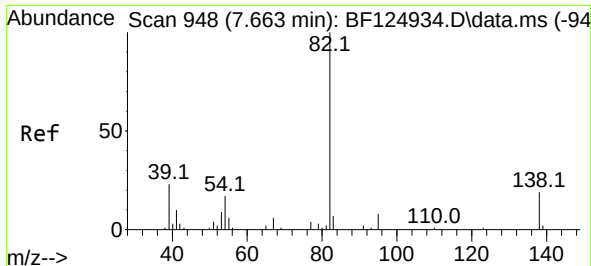
Tgt Ion:136	Resp:	20760
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.8 14.6
54	7.6	6.4 9.6
68	5.0	3.3 4.9



#23
Nitrobenzene-d5
Concen: 81.96 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF125016.D
Acq: 9 Aug 2021 23:13

Tgt Ion: 82	Resp:	32526
Ion Ratio	Lower	Upper
82	100	
128	43.2	40.6 60.8
54	56.7	49.6 74.4

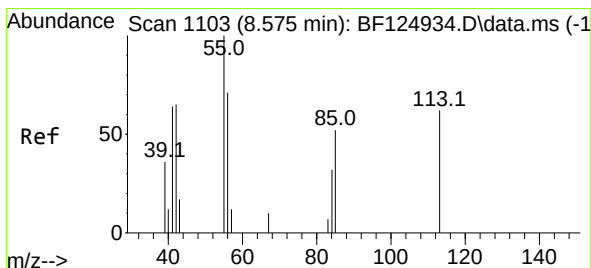
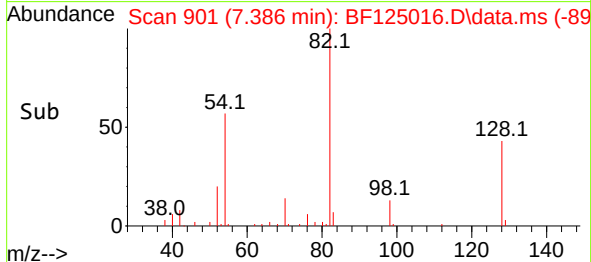
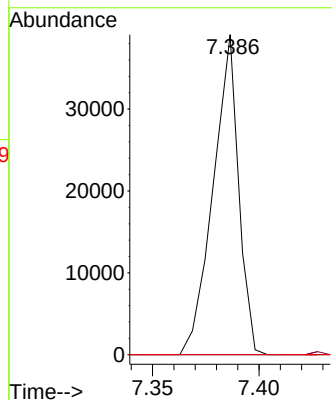
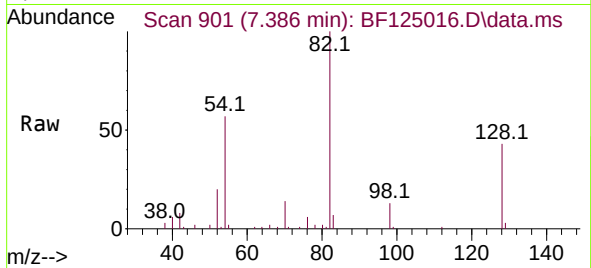




#25
Isophorone
Concen: 48.02 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.259 min
Lab File: BF125016.D
Acq: 9 Aug 2021 23:13

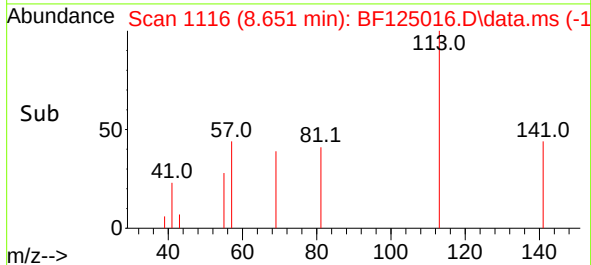
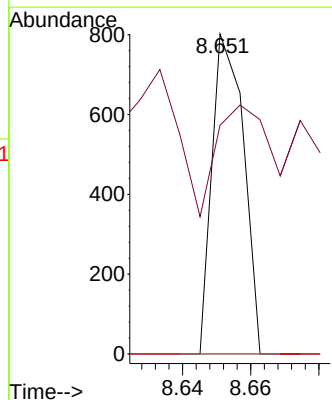
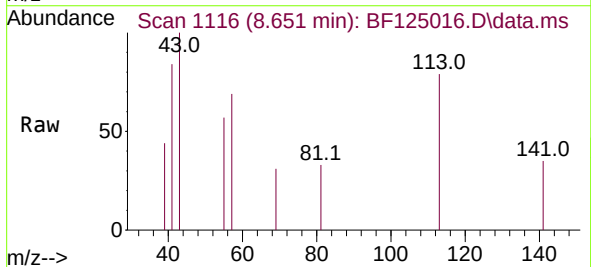
Instrument :
BNA_F
ClientSampleId :
1964-1968

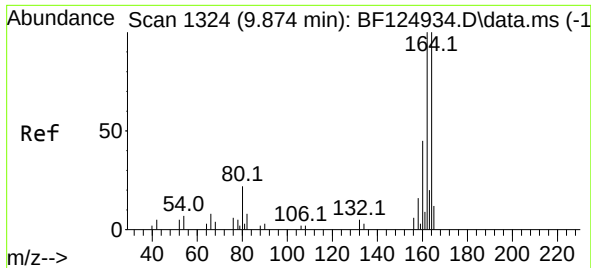
Tgt Ion: 82 Resp: 32526
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#35
Caprolactam
Concen: 6.29 ng
RT: 8.651 min Scan# 1116
Delta R.T. 0.100 min
Lab File: BF125016.D
Acq: 9 Aug 2021 23:13

Tgt Ion: 113 Resp: 514
Ion Ratio Lower Upper
113 100
55 71.4 154.1 194.1#
56 0.0 108.7 148.7#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.857 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF125016.D

Acq: 9 Aug 2021 23:13

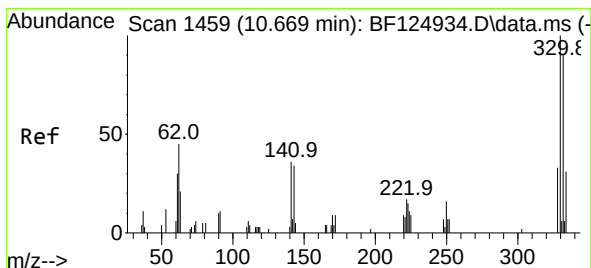
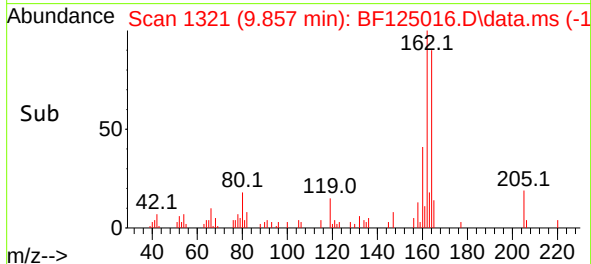
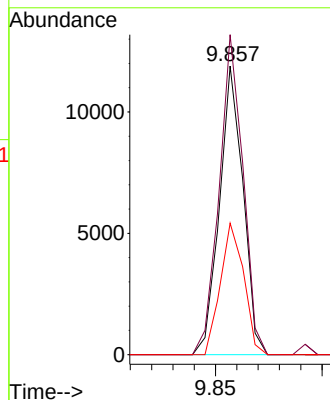
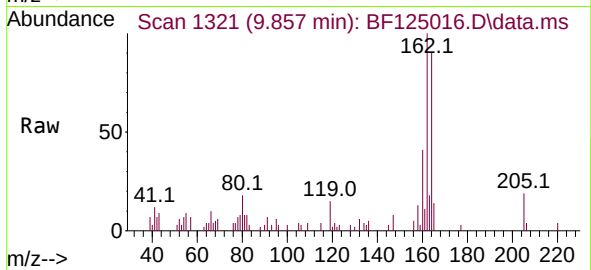
Tgt Ion:164 Resp: 9118

Ion Ratio Lower Upper

164 100

162 110.9 81.3 121.9

160 45.6 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 131.66 ng

RT: 10.657 min Scan# 1457

Delta R.T. 0.006 min

Lab File: BF125016.D

Acq: 9 Aug 2021 23:13

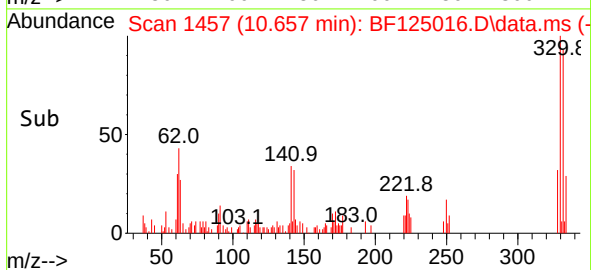
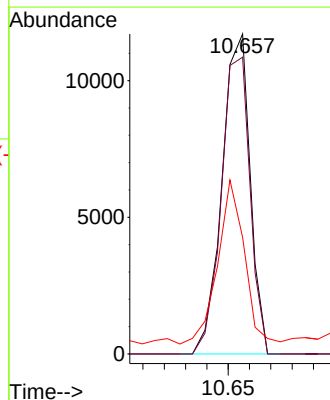
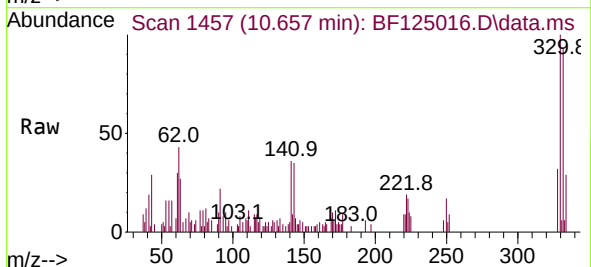
Tgt Ion:330 Resp: 10725

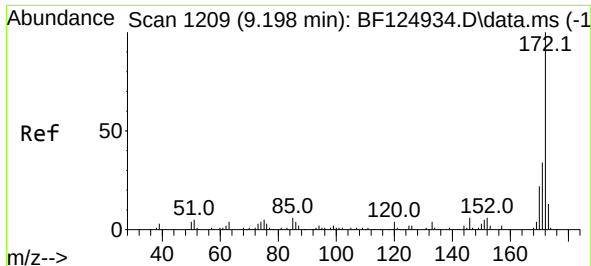
Ion Ratio Lower Upper

330 100

332 95.0 76.2 114.4

141 48.4 44.6 66.8

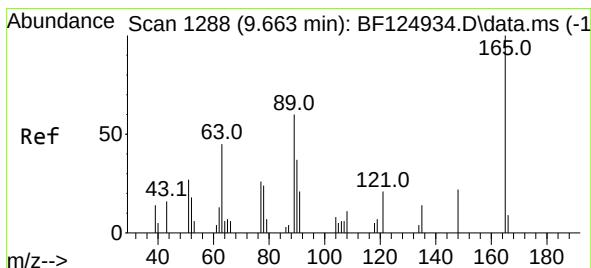
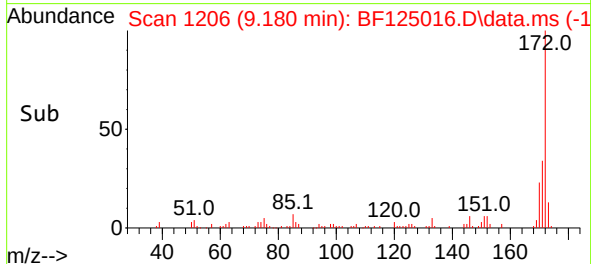
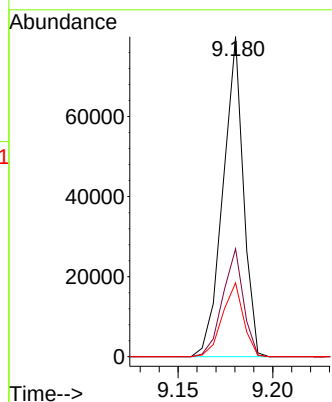
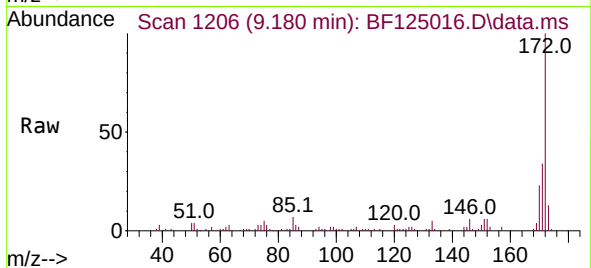




#45
2-Fluorobiphenyl
Concen: 96.26 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF125016.D
Acq: 9 Aug 2021 23:13

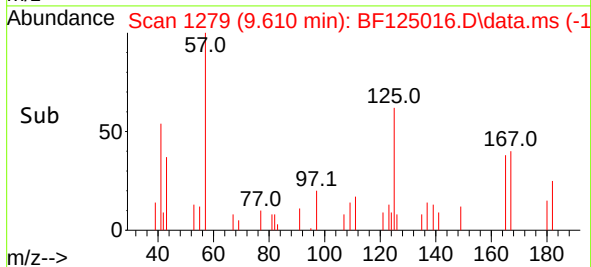
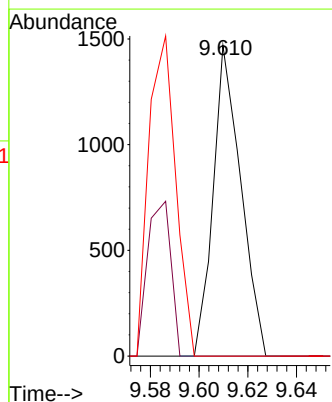
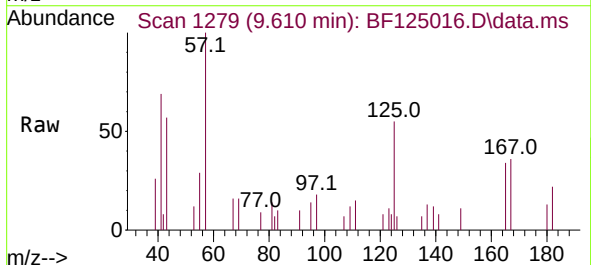
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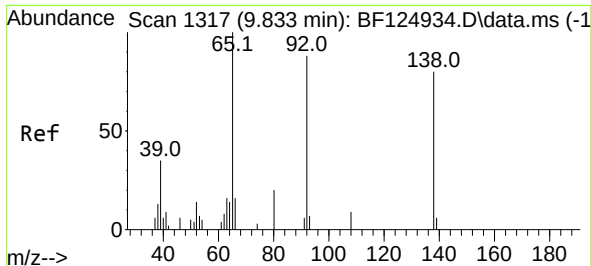
Tgt Ion:172 Resp: 59981
Ion Ratio Lower Upper
172 100
171 33.7 26.5 39.7
170 23.1 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 8.41 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.035 min
Lab File: BF125016.D
Acq: 9 Aug 2021 23:13

Tgt Ion:165 Resp: 1157
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#

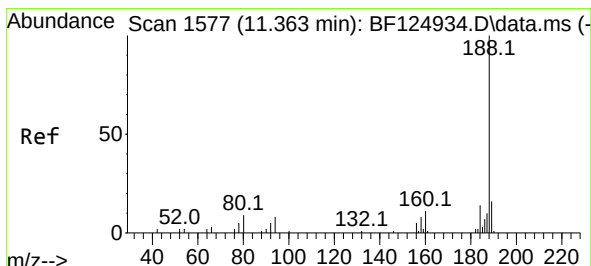
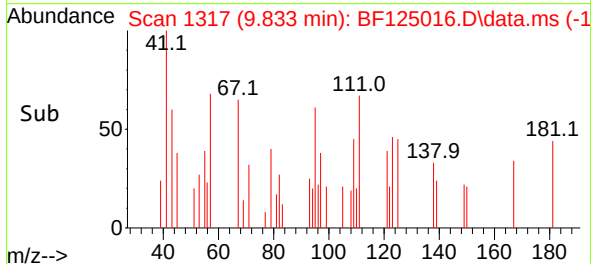
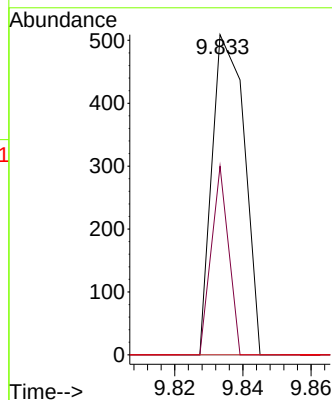
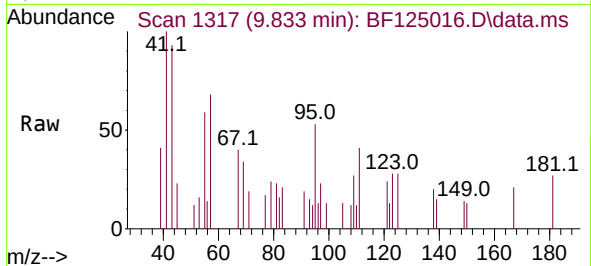




#53
3-Nitroaniline
Concen: 2.30 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.018 min
Lab File: BF125016.D
Acq: 9 Aug 2021 23:13

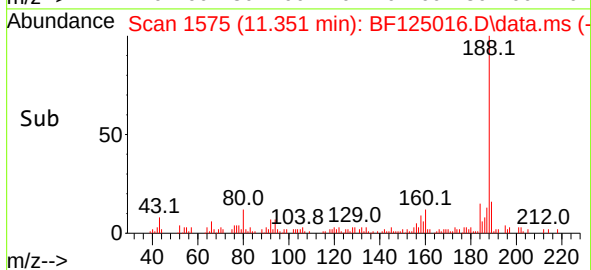
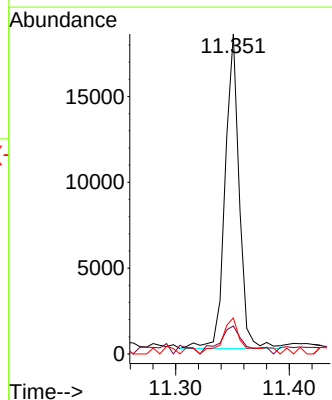
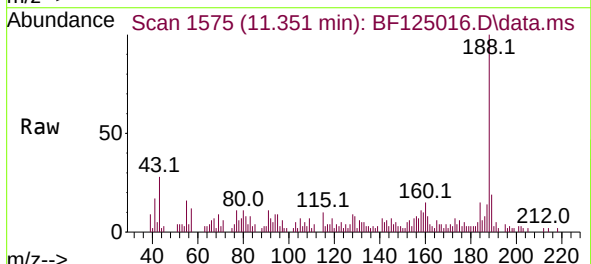
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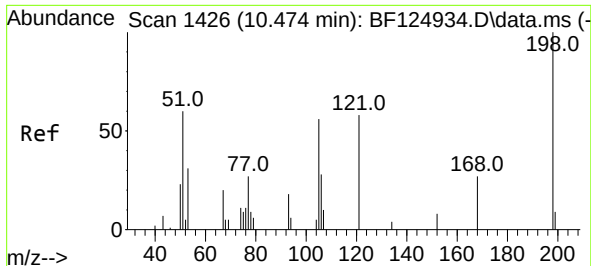
Tgt Ion:138 Resp: 334
Ion Ratio Lower Upper
138 100
108 58.9 9.3 13.9#
92 0.0 76.5 114.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.006 min
Lab File: BF125016.D
Acq: 9 Aug 2021 23:13

Tgt Ion:188 Resp: 15949
Ion Ratio Lower Upper
188 100
94 8.8 6.7 10.1
80 11.3 7.5 11.3

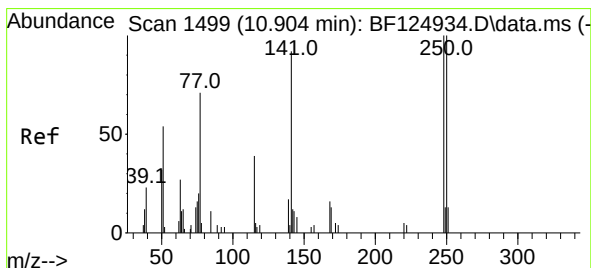
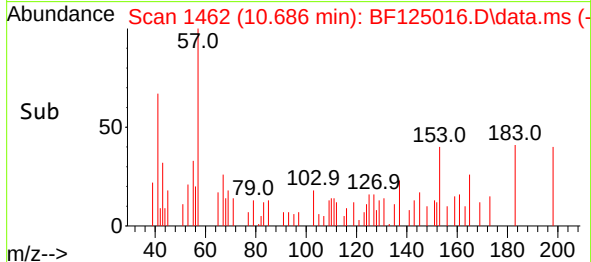
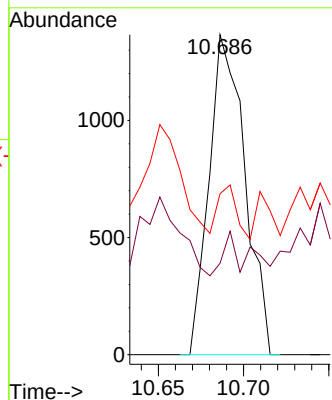
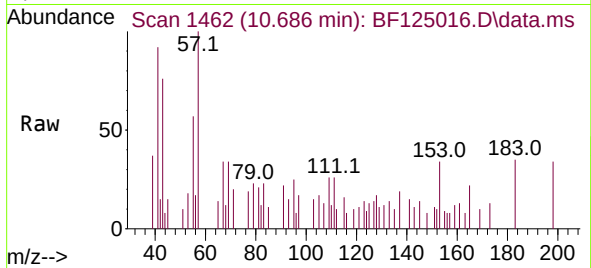




#65
4,6-Dinitro-2-methylphenol
Concen: 19.97 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.223 min
Lab File: BF125016.D
Acq: 9 Aug 2021 23:13

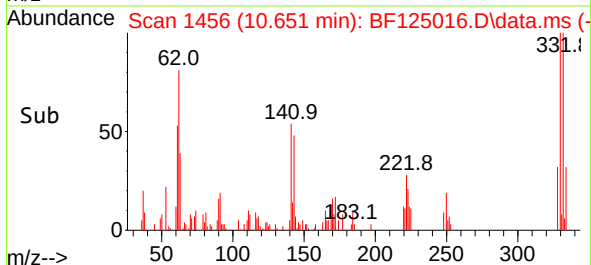
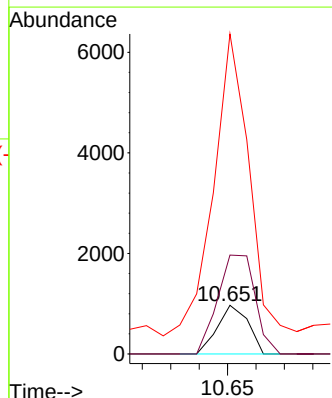
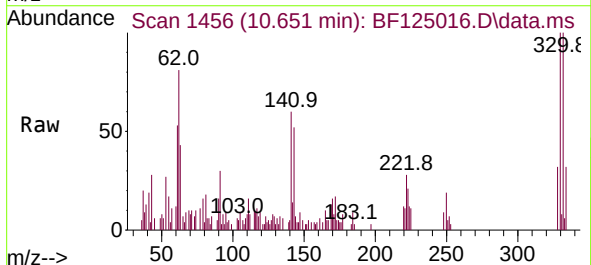
Instrument :
BNA_F
ClientSampleId :
1964-1968

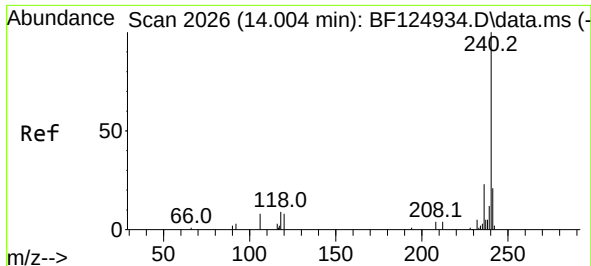
Tgt Ion:198 Resp: 1995
Ion Ratio Lower Upper
198 100
51 28.6 45.3 85.3#
105 50.3 30.6 70.6



#67
4-Bromophenyl-phenylether
Concen: 4.16 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.235 min
Lab File: BF125016.D
Acq: 9 Aug 2021 23:13

Tgt Ion:248 Resp: 726
Ion Ratio Lower Upper
248 100
250 203.6 74.2 111.4#
141 658.9 60.4 90.6#

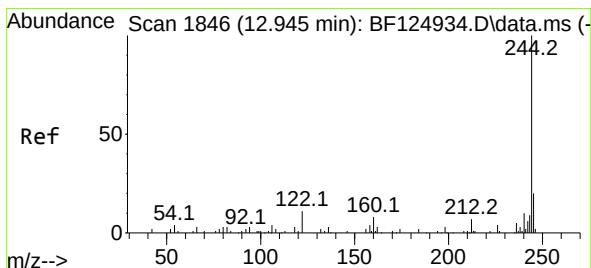
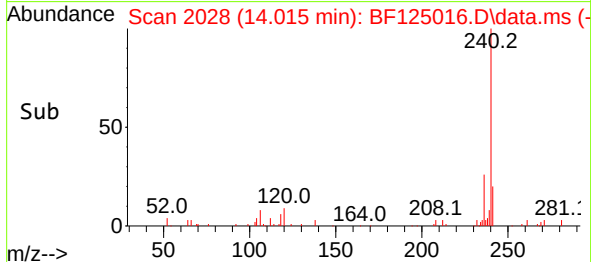
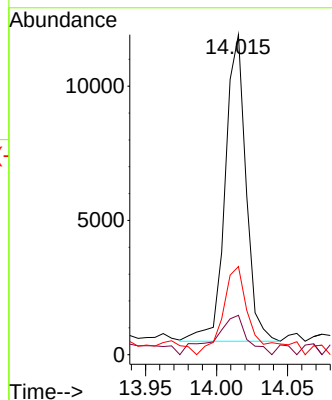
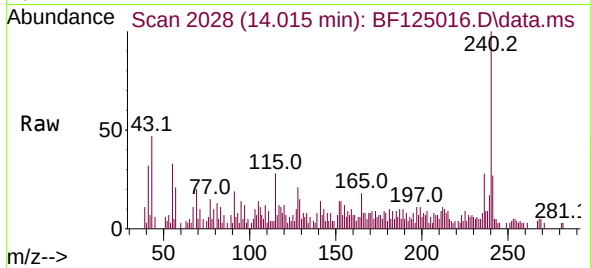




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.015 min Scan# 2028
Delta R.T. 0.029 min
Lab File: BF125016.D
Acq: 9 Aug 2021 23:13

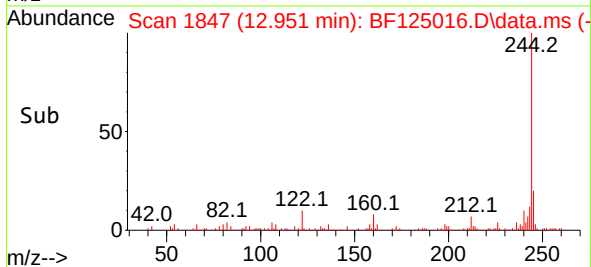
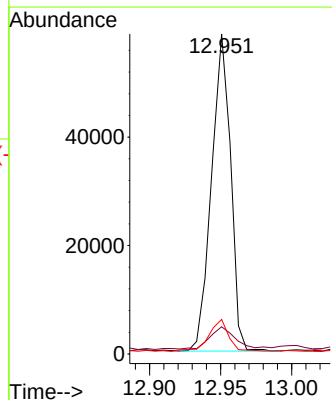
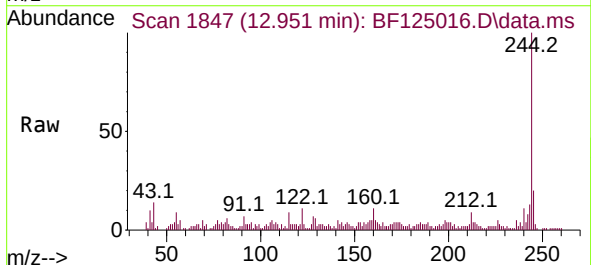
Instrument :
BNA_F
ClientSampleId :
1964-1968

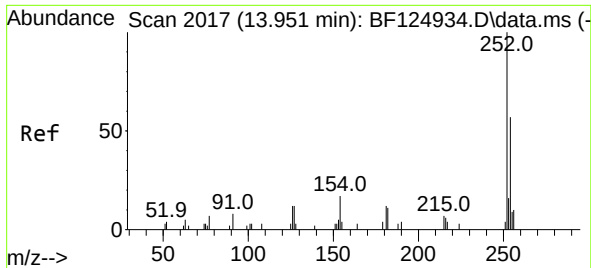
Tgt Ion:240 Resp: 11645
Ion Ratio Lower Upper
240 100
120 12.3 10.8 16.2
236 27.6 21.6 32.4



#79
Terphenyl-d14
Concen: 79.39 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.024 min
Lab File: BF125016.D
Acq: 9 Aug 2021 23:13

Tgt Ion:244 Resp: 54810
Ion Ratio Lower Upper
244 100
212 8.5 5.9 8.9
122 10.8 9.0 13.4

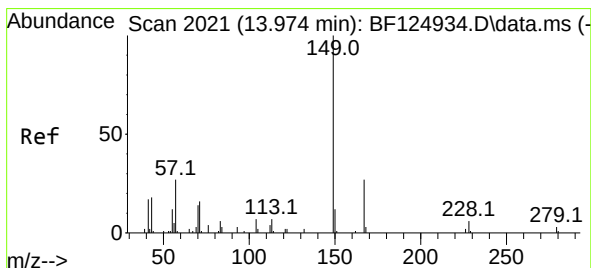
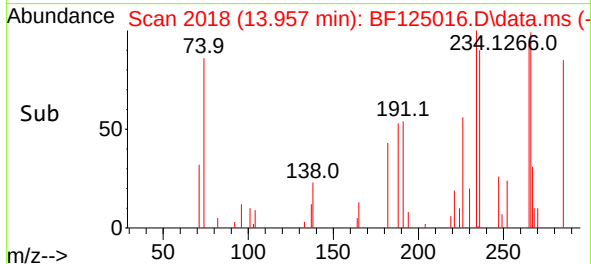
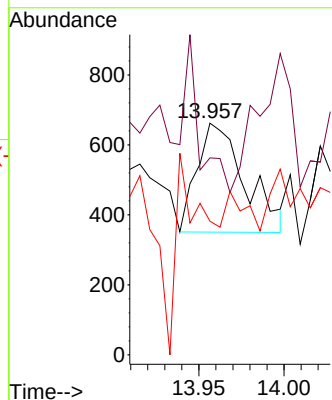
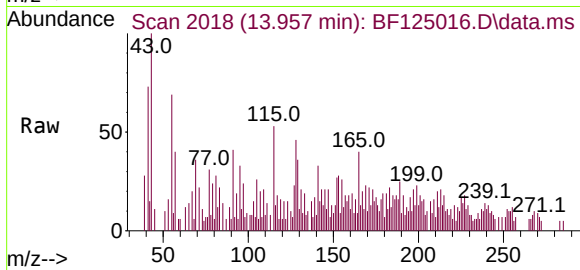




#82
3,3'-Dichlorobenzidine
Concen: 3.03 ng
RT: 13.957 min Scan# 2018
Delta R.T. 0.024 min
Lab File: BF125016.D
Acq: 9 Aug 2021 23:13

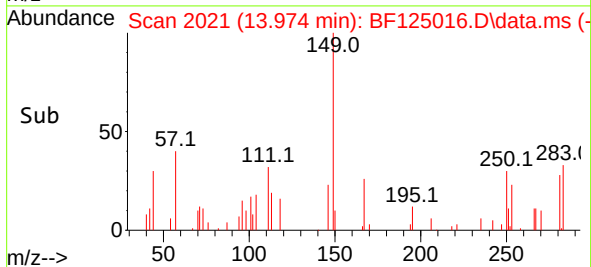
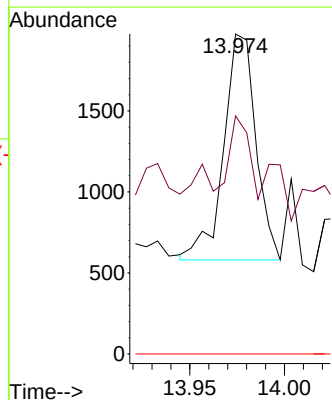
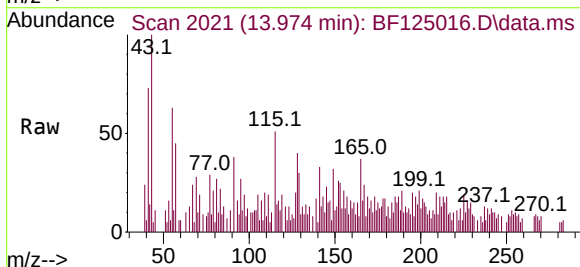
Instrument :
BNA_F
ClientSampleId :
1964-1968

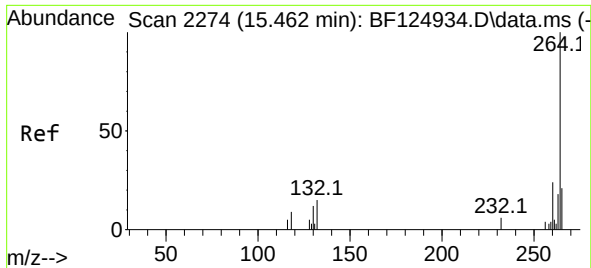
Tgt Ion:252 Resp: 607
Ion Ratio Lower Upper
252 100
254 85.0 51.4 77.0#
126 57.7 9.5 14.3#



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.91 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.018 min
Lab File: BF125016.D
Acq: 9 Aug 2021 23:13

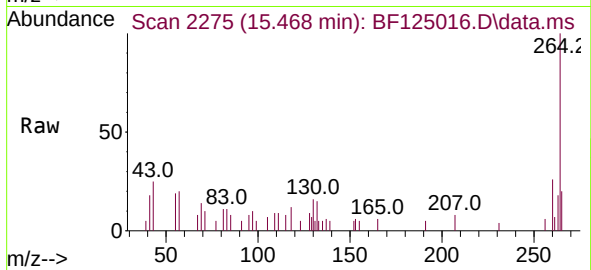
Tgt Ion:149 Resp: 1646
Ion Ratio Lower Upper
149 100
167 74.4 21.4 32.0#
279 0.0 2.6 4.0#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. 0.029 min
 Lab File: BF125016.D
 Acq: 9 Aug 2021 23:13

Instrument :
 BNA_F
 ClientSampleId :
 1964-1968



Tgt Ion:264 Resp: 8272

Ion	Ratio	Lower	Upper
264	100		
260	26.1	19.6	29.4
265	19.7	17.2	25.8

