

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101221\
 Data File : BF125801.D
 Acq On : 12 Oct 2021 14:41
 Operator : JU/CG
 Sample : M4077-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CC-34RE

Quant Time: Oct 12 16:27:43 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 07 17:16:23 2021
 Response via : Initial Calibration

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

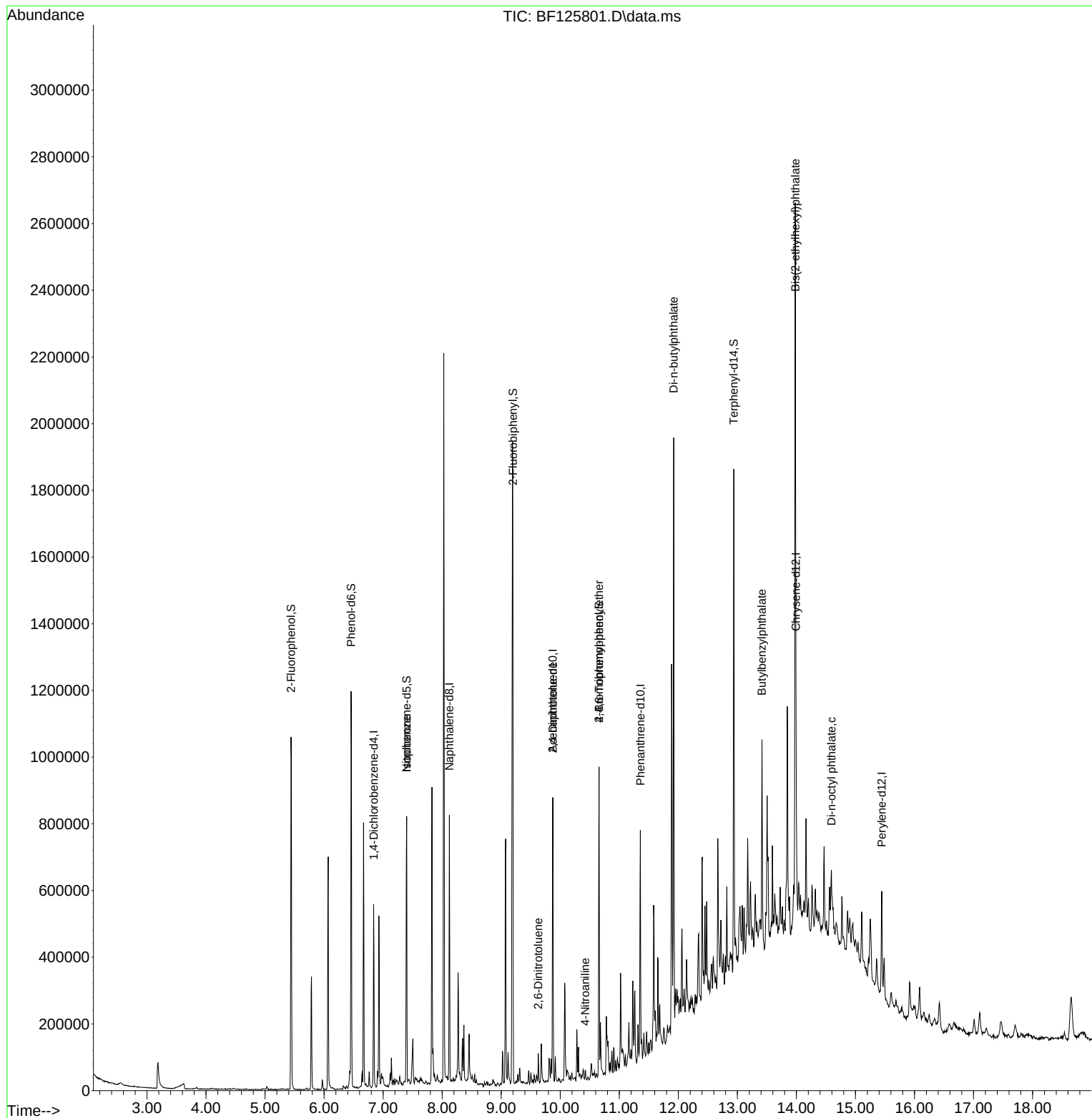
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	74172	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	304743	20.000	ng	# 0.00
39) Acenaphthene-d10	9.874	164	156072	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	232026	20.000	ng	0.00
76) Chrysene-d12	13.992	240	157780	20.000	ng	0.00
86) Perylene-d12	15.445	264	127444	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	337771	74.394	ng	-0.02
7) Phenol-d6	6.457	99	408529	69.895	ng	-0.02
23) Nitrobenzene-d5	7.398	82	233007	47.528	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	100678	65.337	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	519757	57.441	ng	0.00
79) Terphenyl-d14	12.939	244	434794	41.976	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	7.398	82	233045	26.832	ng	# 59
51) 2,6-Dinitrotoluene	9.627	165	6510	3.135	ng	# 33
57) 2,4-Dinitrotoluene	9.874	165	20307	7.734	ng	# 19
62) 4-Nitroaniline	10.422	138	4584	2.020	ng	# 14
67) 4-Bromophenyl-phenylether	10.657	248	5894	2.294	ng	# 1
74) Di-n-butylphthalate	11.921	149	795690	62.459	ng	98
80) Butylbenzylphthalate	13.415	149	128995	25.106	ng	97
84) Bis(2-ethylhexyl)phtha...	13.980	149	624699	111.740	ng	99
85) Di-n-octyl phthalate	14.592	149	138005	14.816	ng	# 71

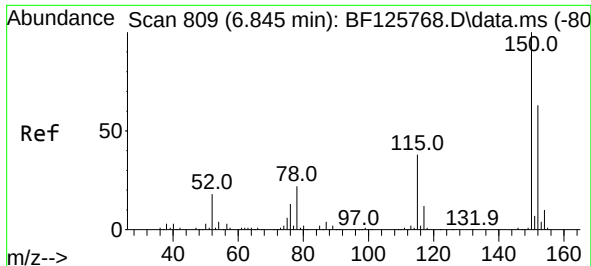
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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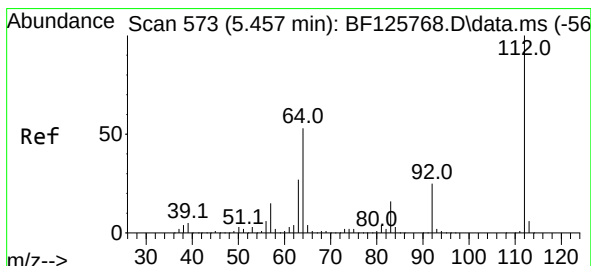
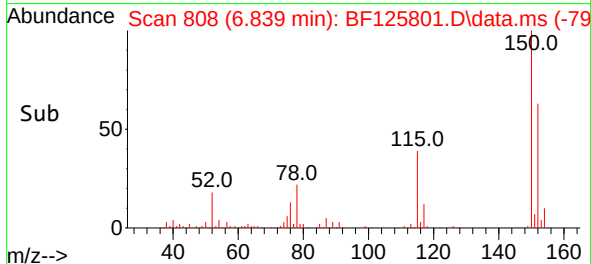
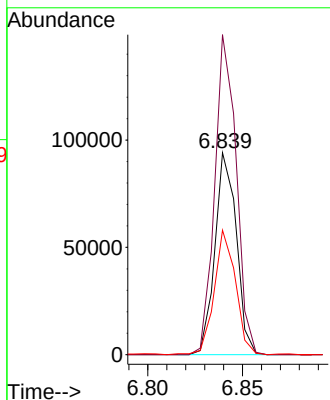
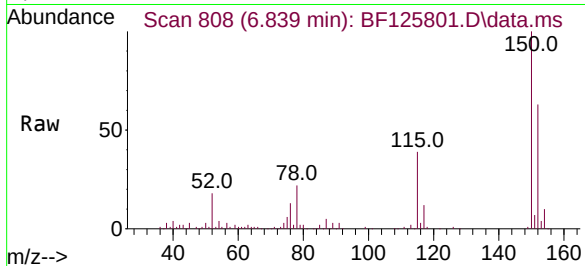




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF125801.D
Acq: 12 Oct 2021 14:41

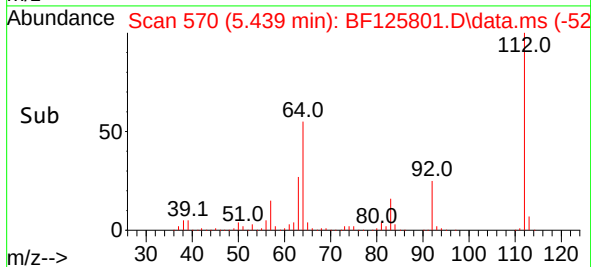
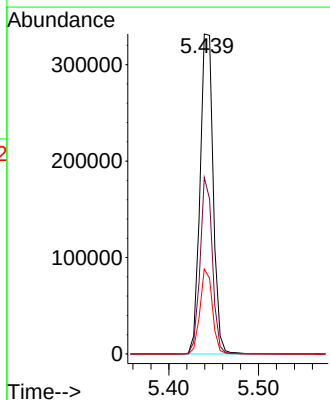
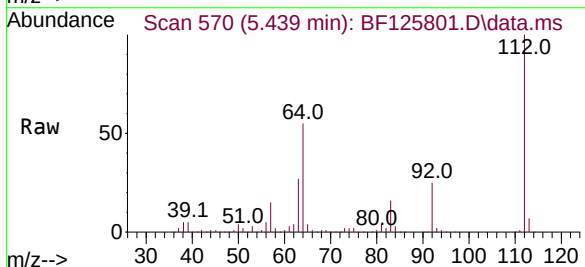
Instrument :
BNA_G
ClientSampleId :
CC-34RE

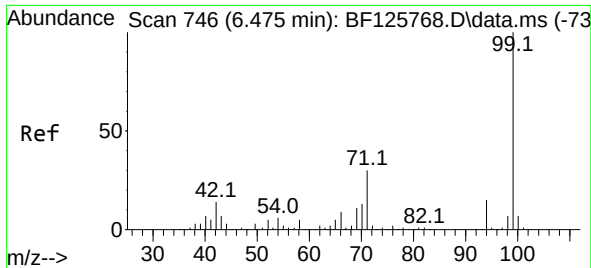
Tgt Ion:152 Resp: 74172
Ion Ratio Lower Upper
152 100
150 158.5 117.6 176.4
115 61.7 47.1 70.7



#5
2-Fluorophenol
Concen: 74.394 ng
RT: 5.439 min Scan# 570
Delta R.T. -0.018 min
Lab File: BF125801.D
Acq: 12 Oct 2021 14:41

Tgt Ion:112 Resp: 337771
Ion Ratio Lower Upper
112 100
64 55.1 44.2 66.2
63 26.6 26.2 39.2

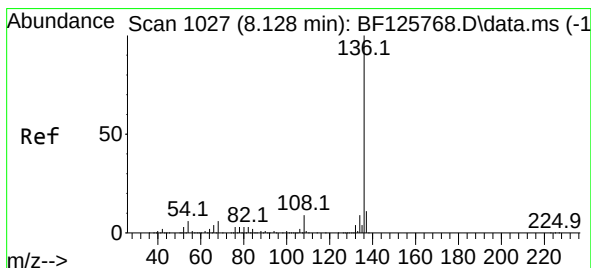
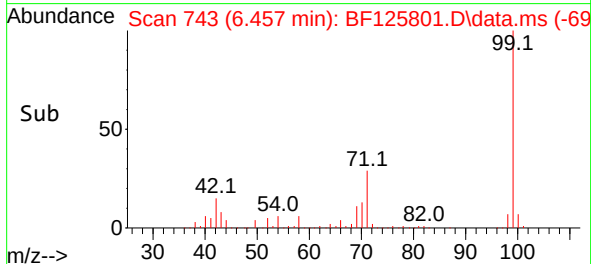
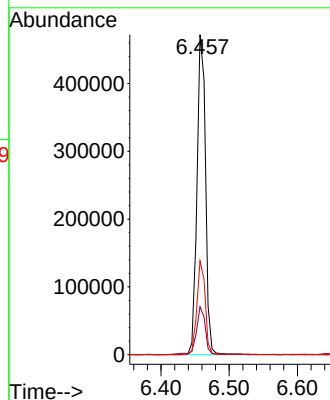
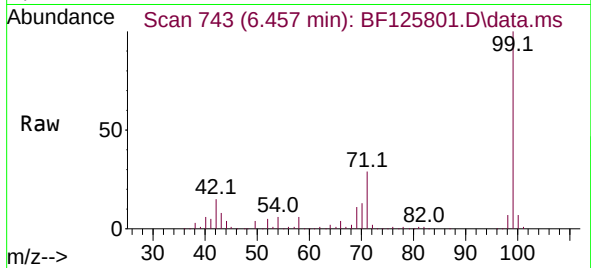




#7
Phenol-d6
Concen: 69.895 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.018 min
Lab File: BF125801.D
Acq: 12 Oct 2021 14:41

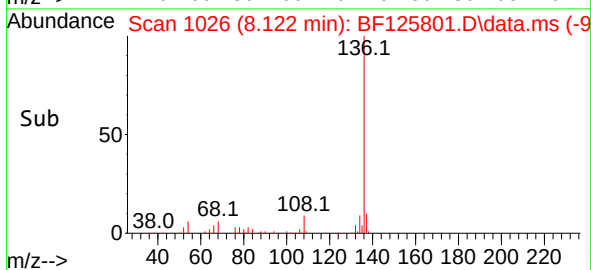
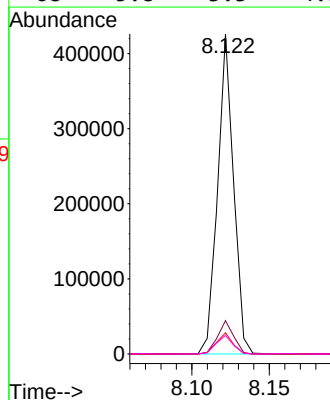
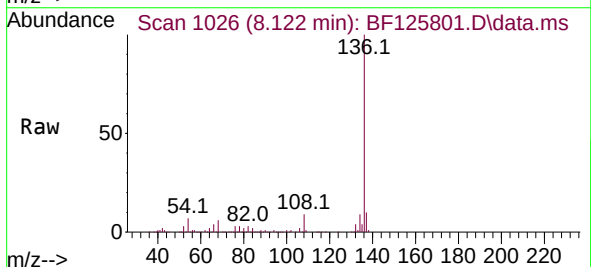
Instrument :
BNA_G
ClientSampled :
CC-34RE

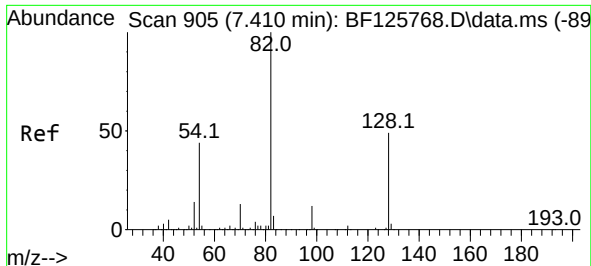
Tgt Ion: 99 Resp: 408529
Ion Ratio Lower Upper
99 100
42 15.0 23.5 35.3#
71 29.3 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF125801.D
Acq: 12 Oct 2021 14:41

Tgt Ion: 136 Resp: 304743
Ion Ratio Lower Upper
136 100
137 10.4 9.8 14.6
54 6.6 6.4 9.6
68 5.8 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 47.528 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.012 min

Lab File: BF125801.D

Acq: 12 Oct 2021 14:41

Instrument :

BNA_G

ClientSampleId :

CC-34RE

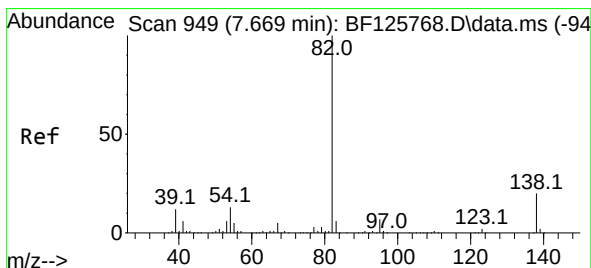
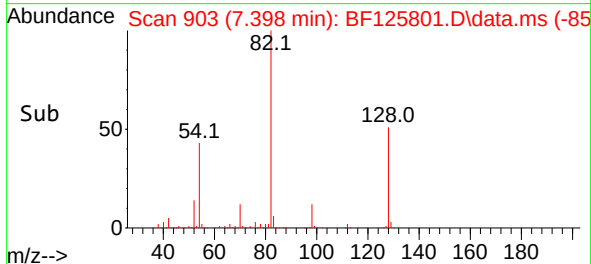
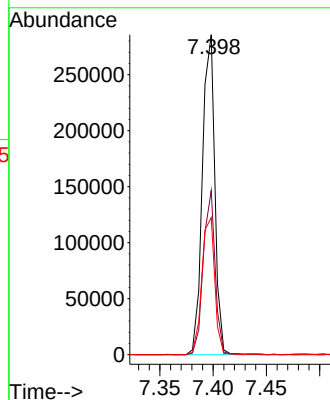
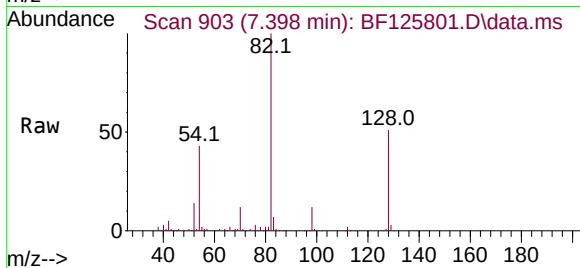
Tgt Ion: 82 Resp: 233007

Ion Ratio Lower Upper

82 100

128 51.3 40.6 60.8

54 42.8 49.6 74.4#



#25

Isophorone

Concen: 26.832 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.271 min

Lab File: BF125801.D

Acq: 12 Oct 2021 14:41

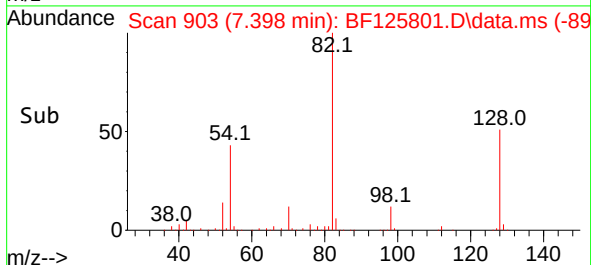
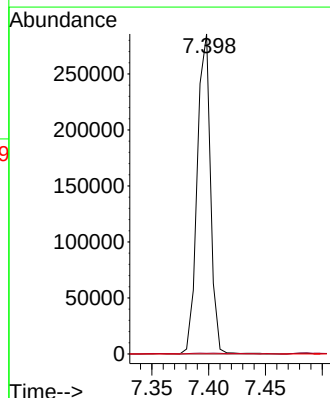
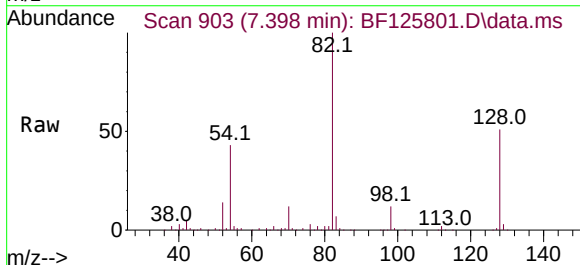
Tgt Ion: 82 Resp: 233045

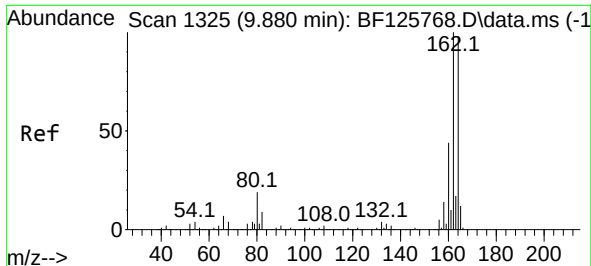
Ion Ratio Lower Upper

82 100

95 0.2 6.5 9.7#

138 0.0 18.4 27.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.874 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF125801.D

Acq: 12 Oct 2021 14:41

Instrument :

BNA_G

ClientSampleId :

CC-34RE

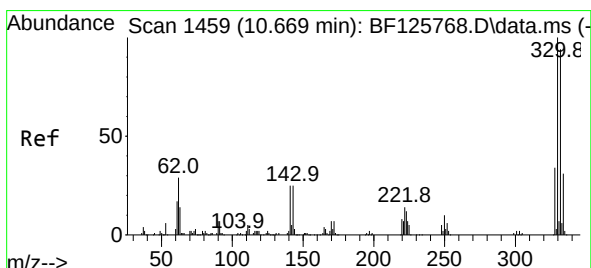
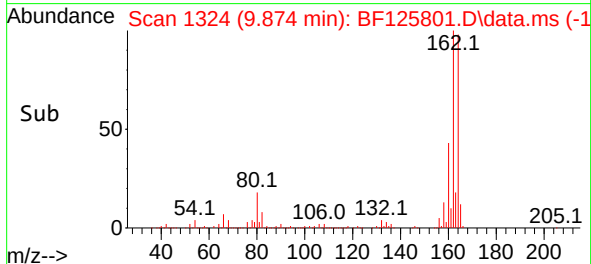
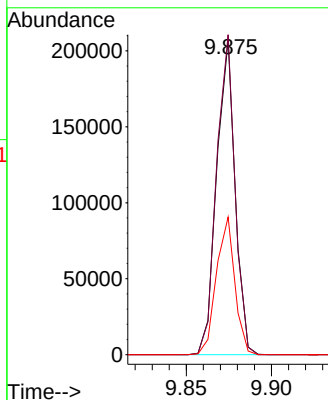
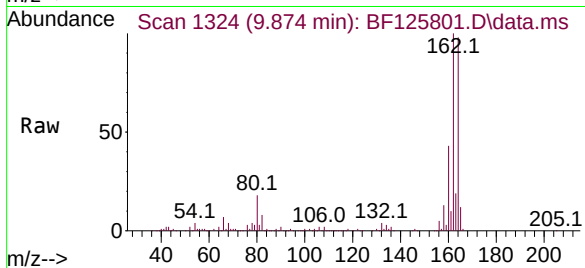
Tgt Ion:164 Resp: 156072

Ion Ratio Lower Upper

164 100

162 101.6 81.3 121.9

160 43.7 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 65.337 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.012 min

Lab File: BF125801.D

Acq: 12 Oct 2021 14:41

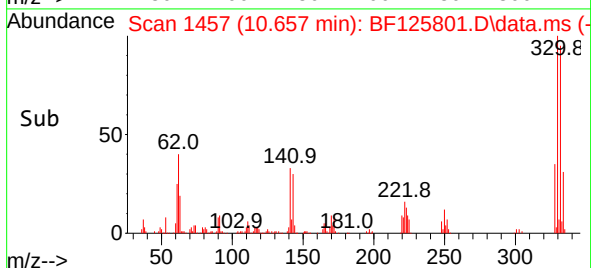
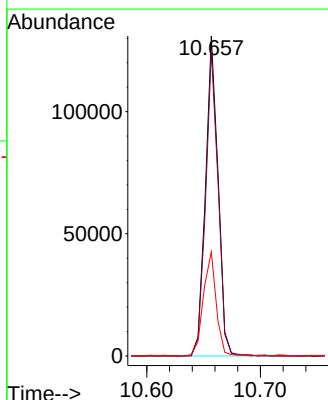
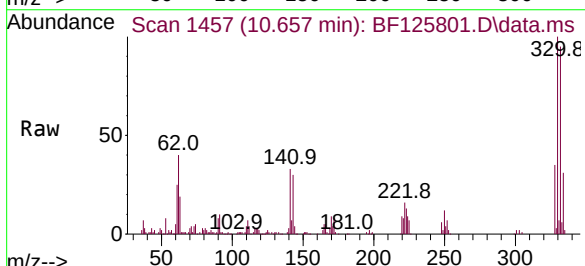
Tgt Ion:330 Resp: 100678

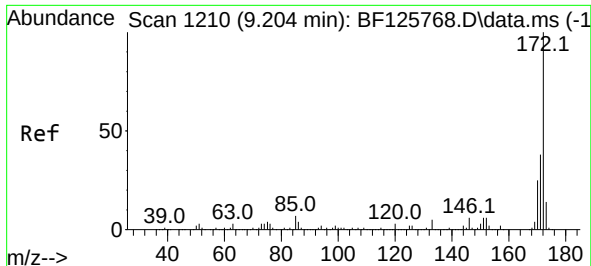
Ion Ratio Lower Upper

330 100

332 94.4 76.2 114.4

141 33.2 44.6 66.8#

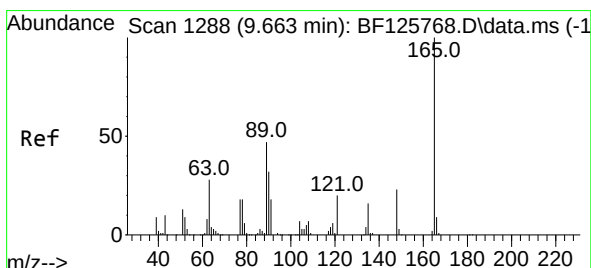
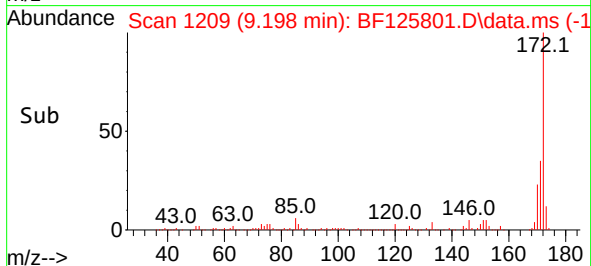
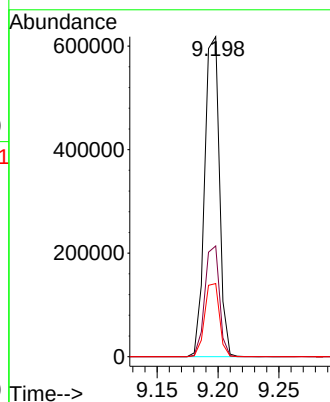
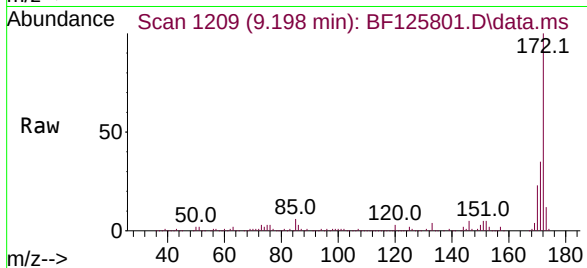




#45
2-Fluorobiphenyl
Concen: 57.441 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF125801.D
Acq: 12 Oct 2021 14:41

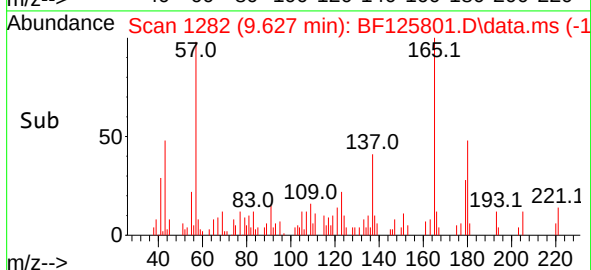
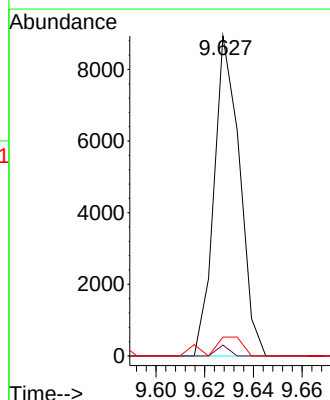
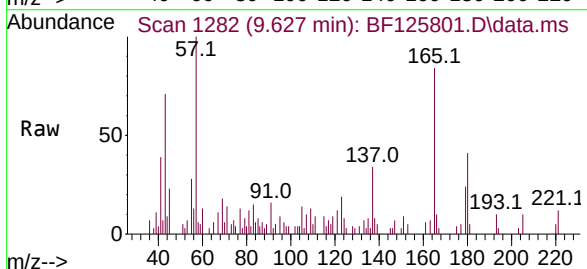
Instrument :
BNA_G
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CC-34RE

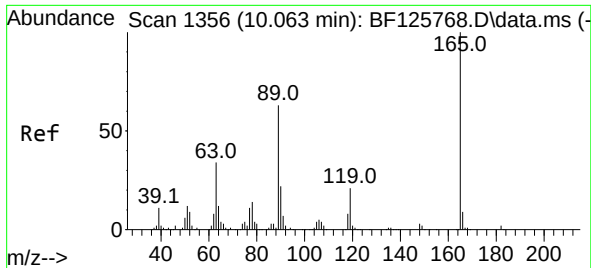
Tgt Ion:172 Resp: 519757
Ion Ratio Lower Upper
172 100
171 34.6 26.5 39.7
170 22.9 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 3.135 ng
RT: 9.627 min Scan# 1282
Delta R.T. -0.035 min
Lab File: BF125801.D
Acq: 12 Oct 2021 14:41

Tgt Ion:165 Resp: 6510
Ion Ratio Lower Upper
165 100
63 3.4 42.6 63.8#
89 5.9 40.6 60.8#

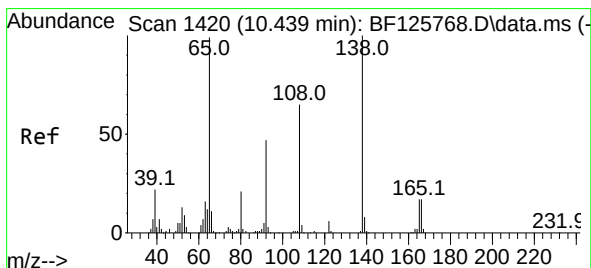
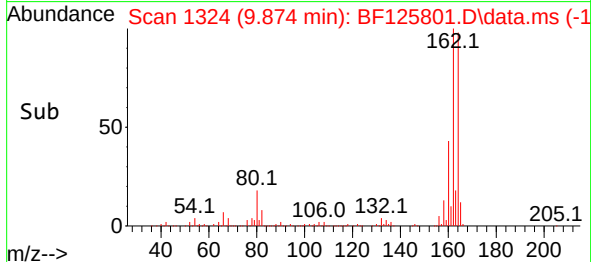
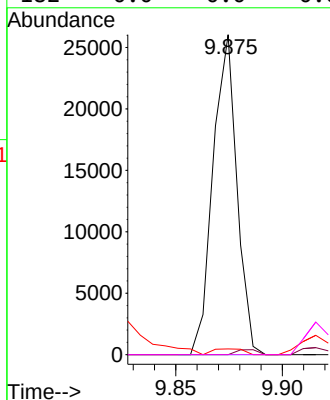
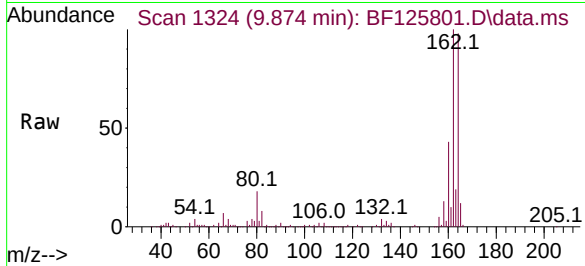




#57
2,4-Dinitrotoluene
Concen: 7.734 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.188 min
Lab File: BF125801.D
Acq: 12 Oct 2021 14:41

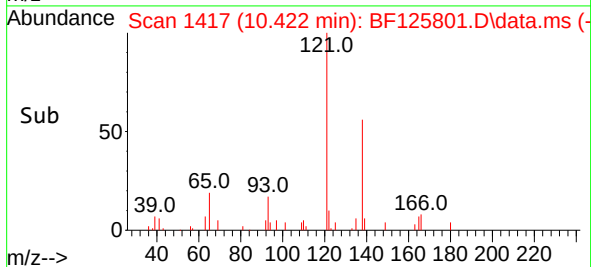
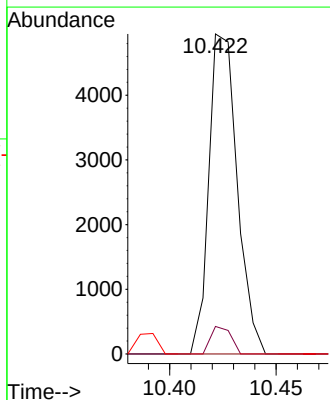
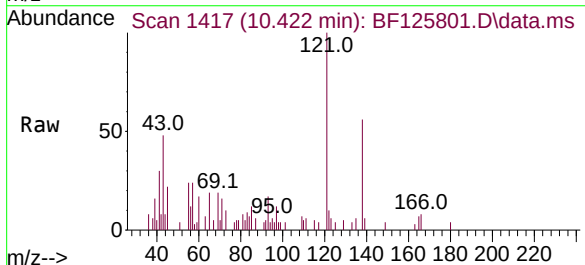
Instrument :
BNA_G
ClientSampleId :
CC-34RE

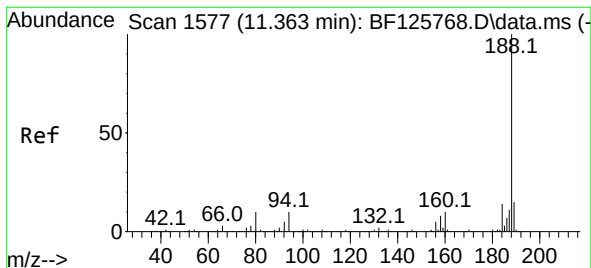
Tgt Ion:165 Resp: 20307
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 1.8 59.7 89.5#
182 0.0 0.0 0.0



#62
4-Nitroaniline
Concen: 2.020 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.018 min
Lab File: BF125801.D
Acq: 12 Oct 2021 14:41

Tgt Ion:138 Resp: 4584
Ion Ratio Lower Upper
138 100
92 8.6 29.6 69.6#
108 0.0 78.1 118.1#

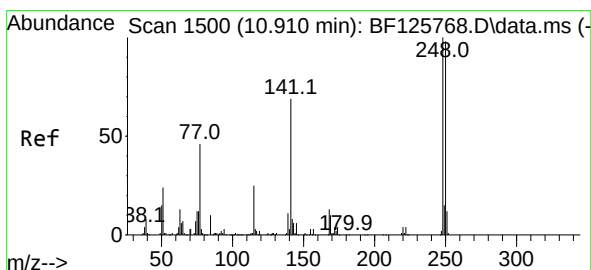
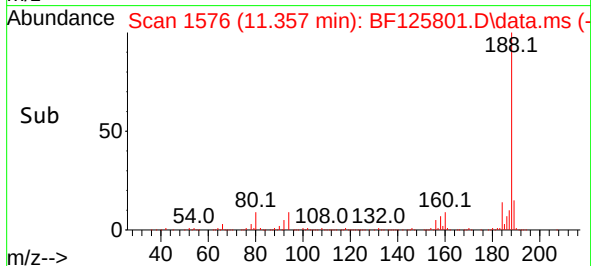
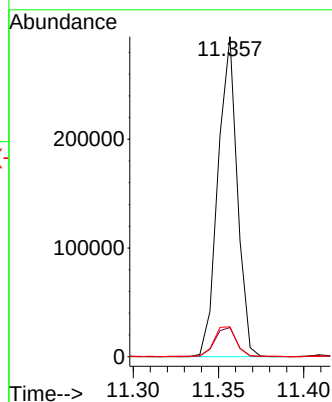
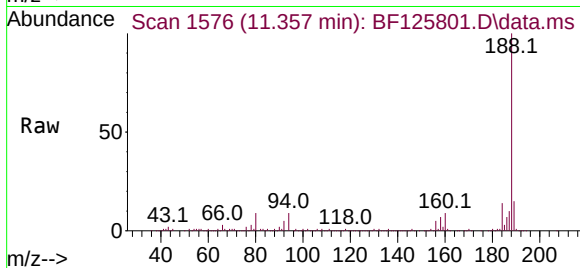




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF125801.D
Acq: 12 Oct 2021 14:41

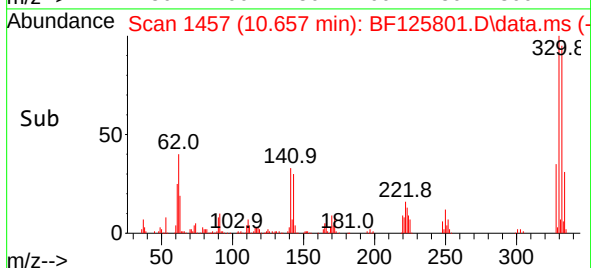
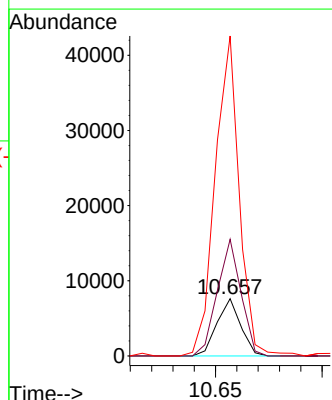
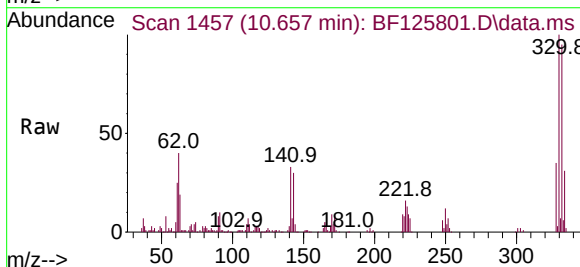
Instrument :
BNA_G
ClientSampleId :
CC-34RE

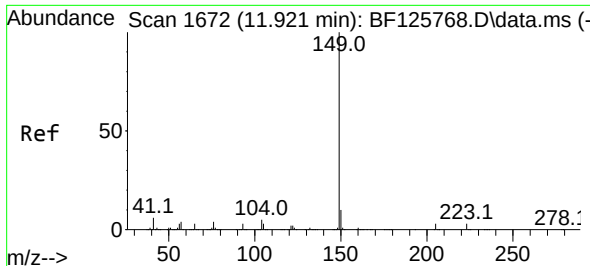
Tgt Ion:188 Resp: 232026
Ion Ratio Lower Upper
188 100
94 9.1 6.7 10.1
80 9.3 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.294 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.253 min
Lab File: BF125801.D
Acq: 12 Oct 2021 14:41

Tgt Ion:248 Resp: 5894
Ion Ratio Lower Upper
248 100
250 203.4 74.2 111.4#
141 557.9 60.4 90.6#

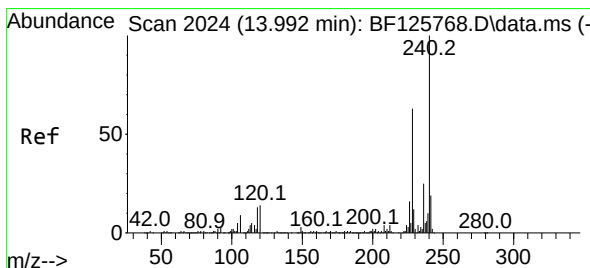
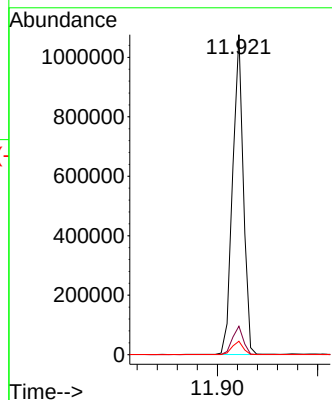
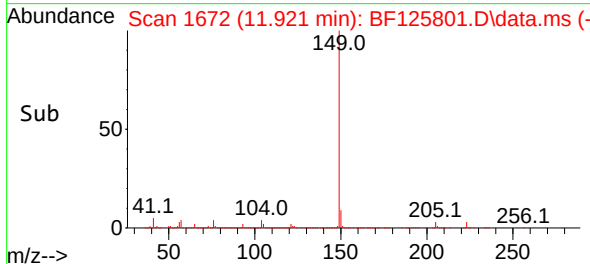
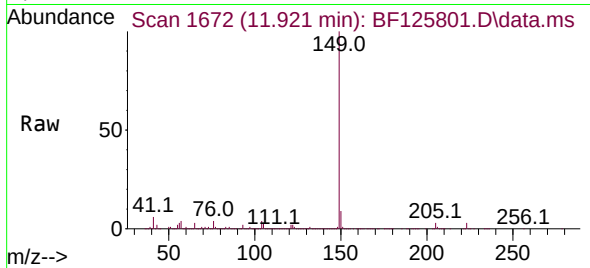




#74
Di-n-butylphthalate
Concen: 62.459 ng
RT: 11.921 min Scan# 1672
Delta R.T. 0.000 min
Lab File: BF125801.D
Acq: 12 Oct 2021 14:41

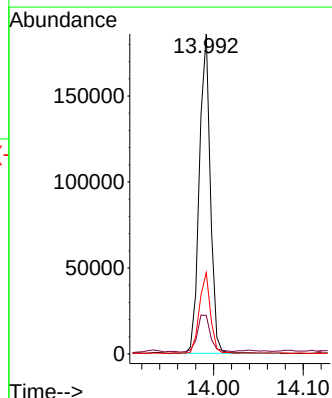
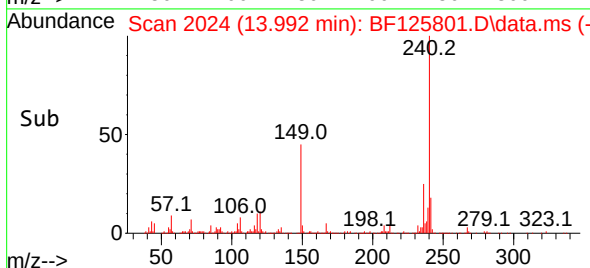
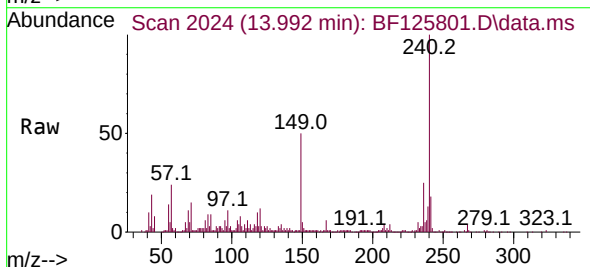
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ClientSampleId :
CC-34RE

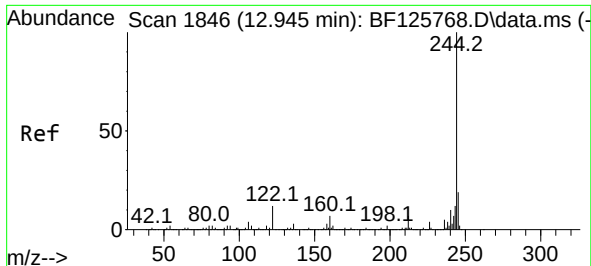
Tgt Ion:149 Resp: 795690
Ion Ratio Lower Upper
149 100
150 8.9 7.4 11.2
104 4.2 4.1 6.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF125801.D
Acq: 12 Oct 2021 14:41

Tgt Ion:240 Resp: 157780
Ion Ratio Lower Upper
240 100
120 12.1 10.8 16.2
236 25.4 21.6 32.4

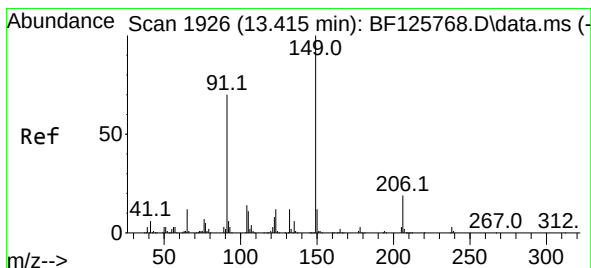
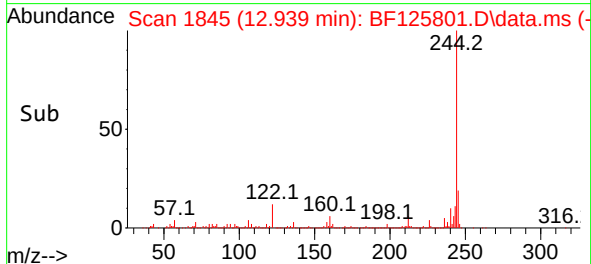
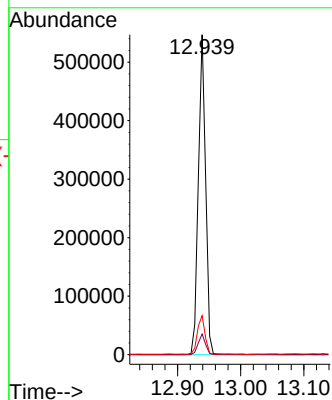
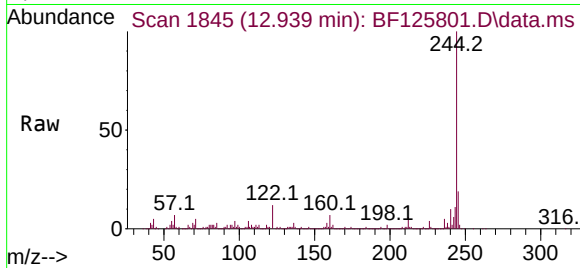




#79
 Terphenyl-d14
 Concen: 41.976 ng
 RT: 12.939 min Scan# 1845
 Delta R.T. -0.006 min
 Lab File: BF125801.D
 Acq: 12 Oct 2021 14:41

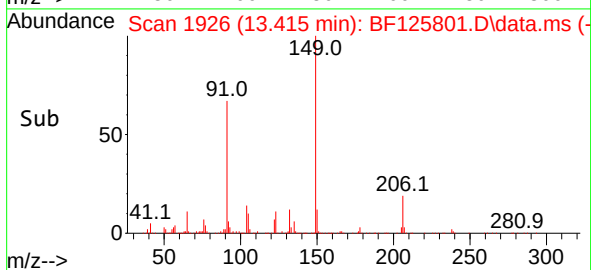
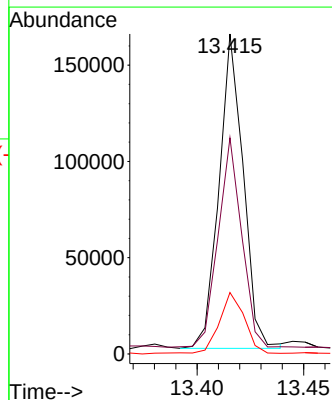
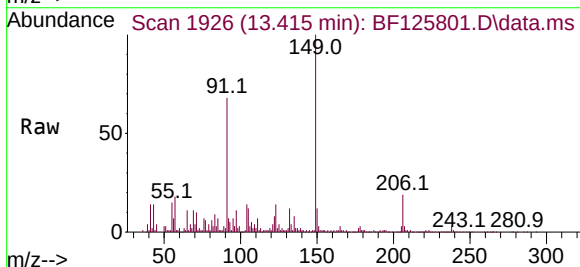
Instrument :
 BNA_G
 ClientSampleId :
 CC-34RE

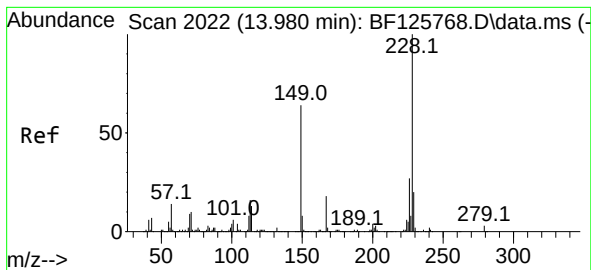
Tgt Ion:244 Resp: 434794
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.9 8.9
 122 12.2 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 25.106 ng
 RT: 13.415 min Scan# 1926
 Delta R.T. 0.000 min
 Lab File: BF125801.D
 Acq: 12 Oct 2021 14:41

Tgt Ion:149 Resp: 128995
 Ion Ratio Lower Upper
 149 100
 91 67.5 51.8 77.8
 206 19.2 14.5 21.7

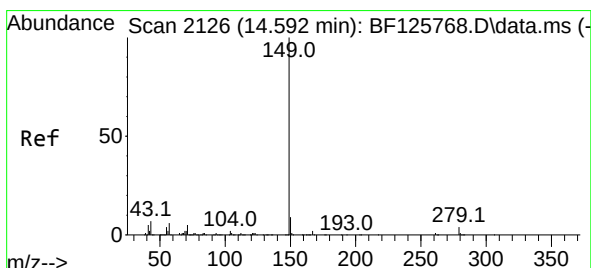
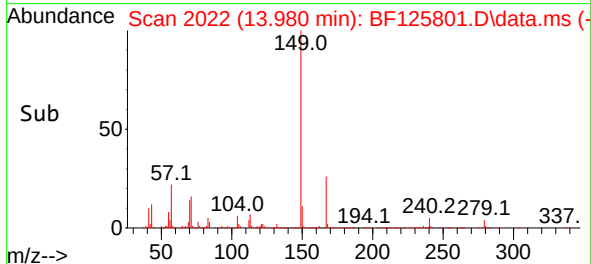
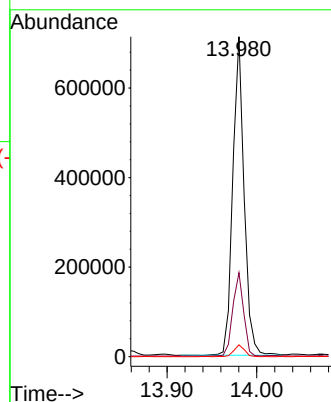
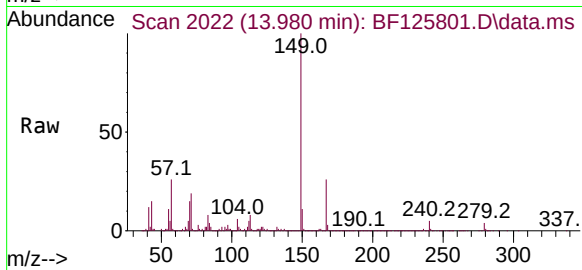




#84
Bis(2-ethylhexyl)phthalate
Concen: 111.740 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF125801.D
Acq: 12 Oct 2021 14:41

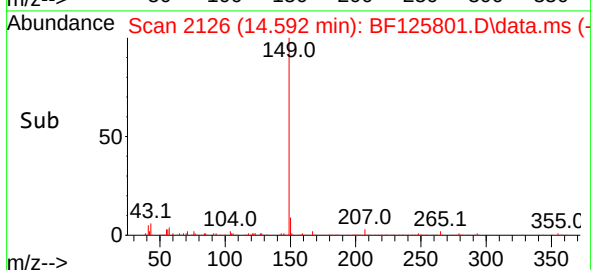
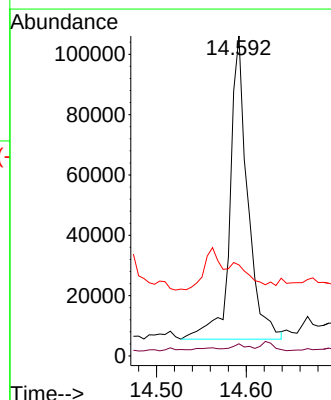
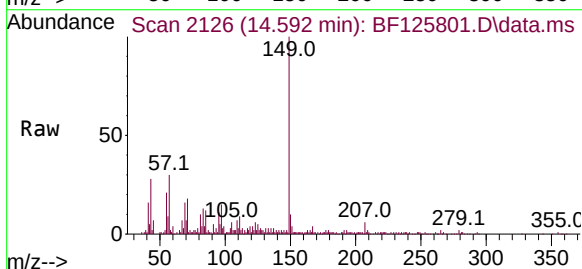
Instrument :
BNA_G
ClientSampled :
CC-34RE

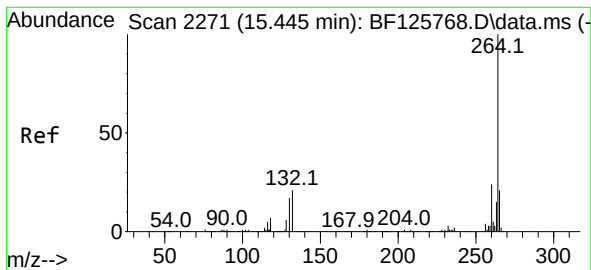
Tgt Ion:149 Resp: 624699
Ion Ratio Lower Upper
149 100
167 26.3 21.4 32.0
279 3.7 2.6 4.0



#85
Di-n-octyl phthalate
Concen: 14.816 ng
RT: 14.592 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BF125801.D
Acq: 12 Oct 2021 14:41

Tgt Ion:149 Resp: 138005
Ion Ratio Lower Upper
149 100
167 2.2 1.0 1.6#
43 0.0 9.9 14.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. 0.000 min
 Lab File: BF125801.D
 Acq: 12 Oct 2021 14:41

Instrument :
 BNA_G
 ClientSampleId :
 CC-34RE

Tgt Ion:264 Resp: 127444
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.6 29.4
 265 20.6 17.2 25.8

