

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101221\
 Data File : BF125802.D
 Acq On : 12 Oct 2021 15:12
 Operator : JU/CG
 Sample : M4077-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CC-31RE

Quant Time: Oct 12 16:28:01 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)

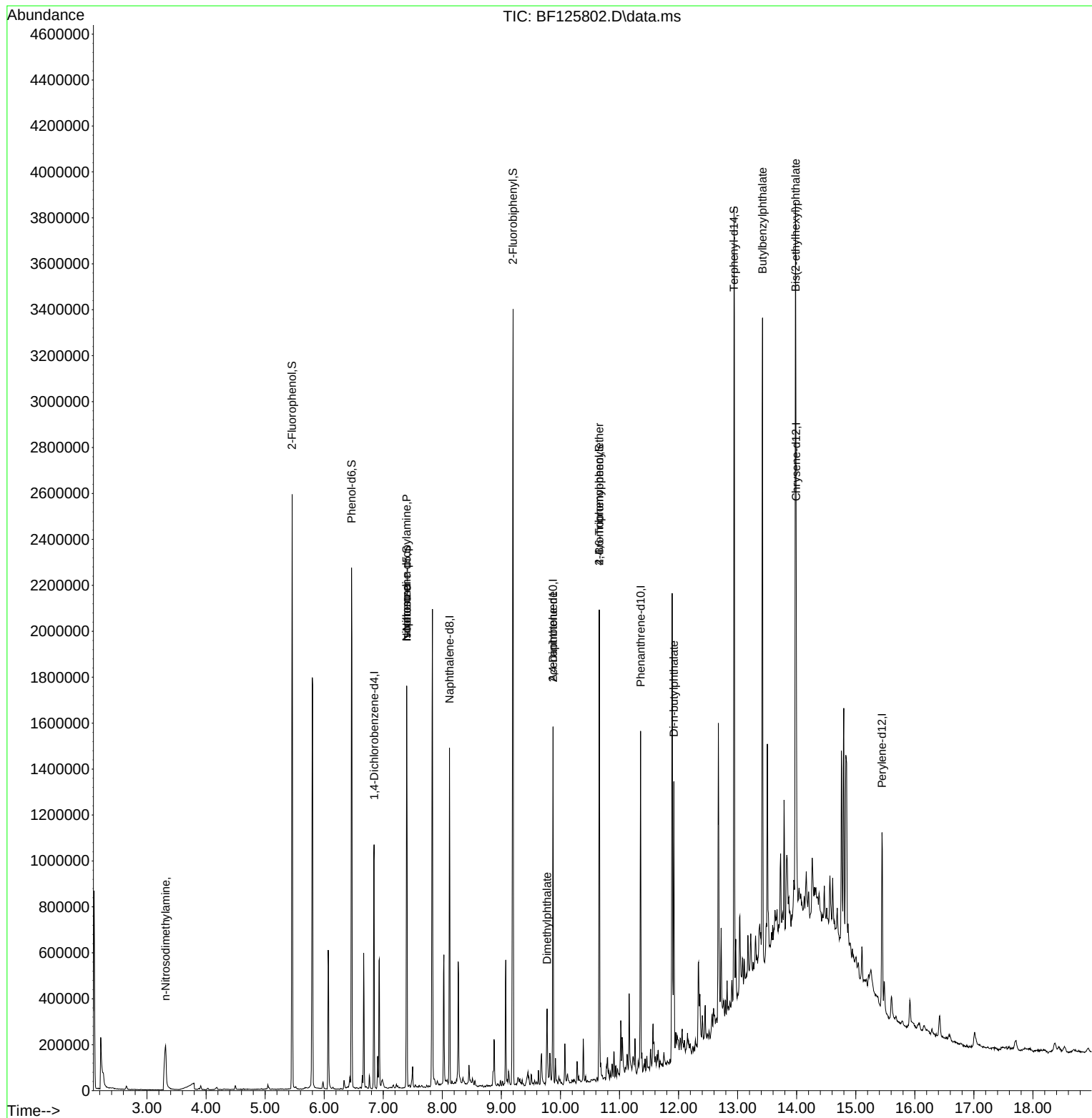
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	162114	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	591336	20.000	ng	# 0.00
39) Acenaphthene-d10	9.875	164	282980	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	498508	20.000	ng	0.00
76) Chrysene-d12	13.992	240	412438	20.000	ng	0.00
86) Perylene-d12	15.445	264	345750	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	757675	76.351	ng	0.00
7) Phenol-d6	6.463	99	826519	64.699	ng	-0.01
23) Nitrobenzene-d5	7.398	82	506474	53.240	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	229766	82.239	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	975582	59.464	ng	0.00
79) Terphenyl-d14	12.939	244	1156974	42.730	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.316	42	9785	2.487	ng	# 13
19) n-Nitroso-di-n-propyla...	7.398	70	64703	9.594	ng	# 51
25) Isophorone	7.398	82	506463	30.051	ng	# 59
50) Dimethylphthalate	9.775	163	120432	6.465	ng	# 94
57) 2,4-Dinitrotoluene	9.875	165	36153	7.594	ng	# 20
67) 4-Bromophenyl-phenylether	10.657	248	13650	2.472	ng	# 1
74) Di-n-butylphthalate	11.921	149	541967	19.801	ng	# 98
80) Butylbenzylphthalate	13.421	149	678158	50.493	ng	97
84) Bis(2-ethylhexyl)phtha...	13.980	149	867210	59.341	ng	99

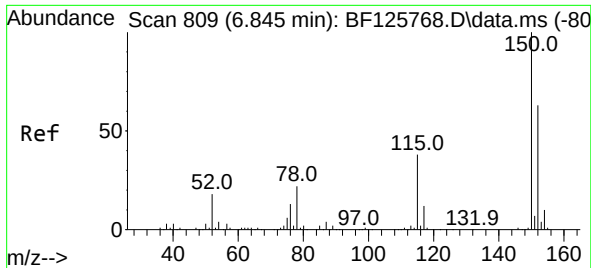
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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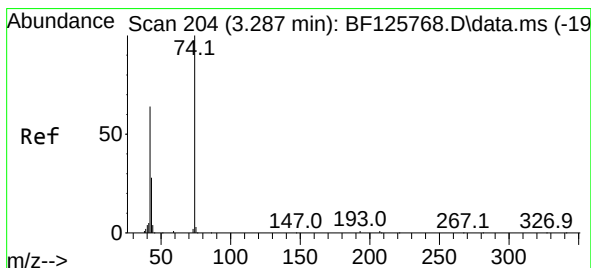
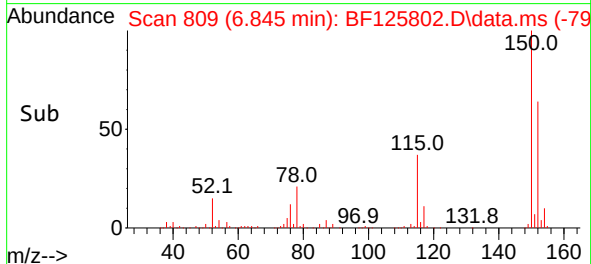
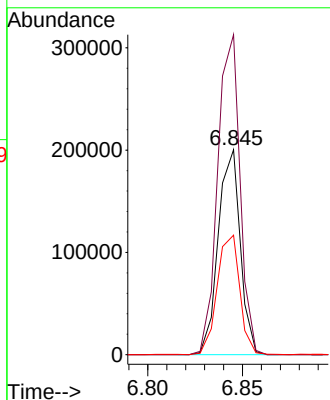
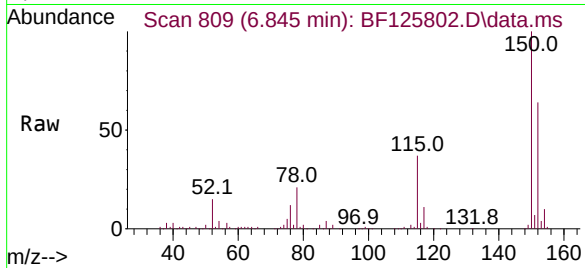




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF125802.D
Acq: 12 Oct 2021 15:12

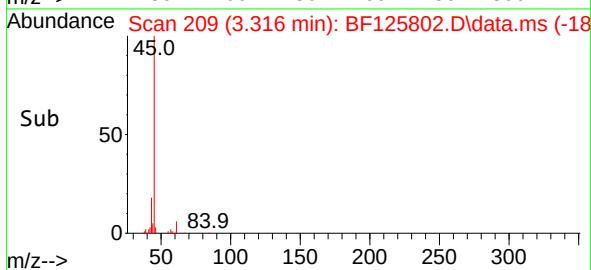
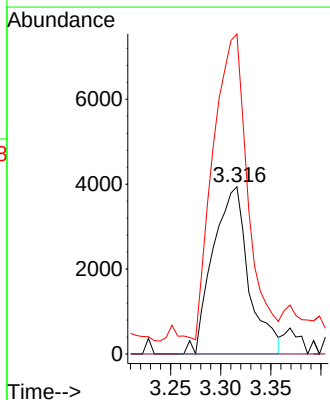
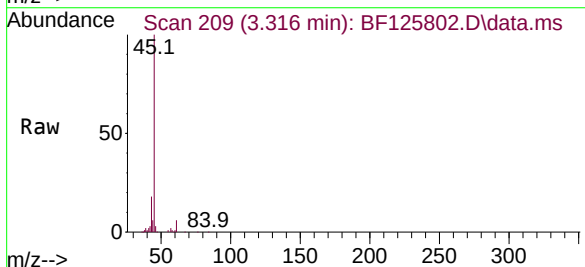
Instrument :
BNA_G
ClientSampleId :
CC-31RE

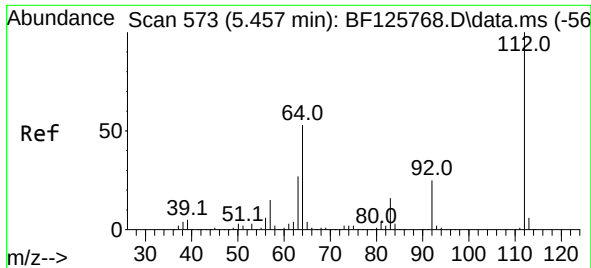
Tgt Ion:152 Resp: 162114
Ion Ratio Lower Upper
152 100
150 156.1 117.6 176.4
115 58.3 47.1 70.7



#4
n-Nitrosodimethylamine
Concen: 2.487 ng
RT: 3.316 min Scan# 209
Delta R.T. 0.029 min
Lab File: BF125802.D
Acq: 12 Oct 2021 15:12

Tgt Ion: 42 Resp: 9785
Ion Ratio Lower Upper
42 100
74 0.0 59.0 88.6#
44 191.3 0.0 0.0#

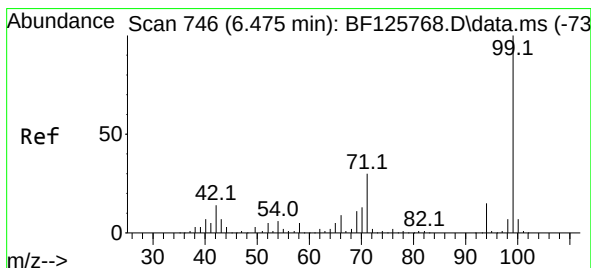
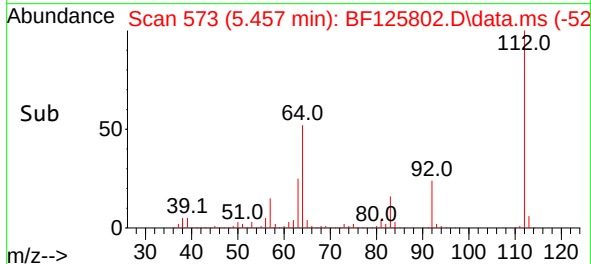
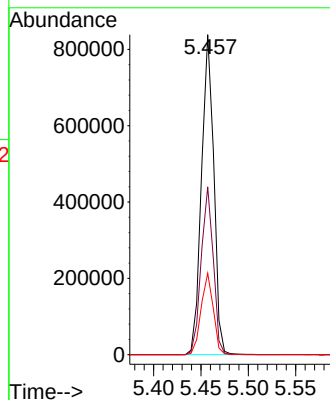
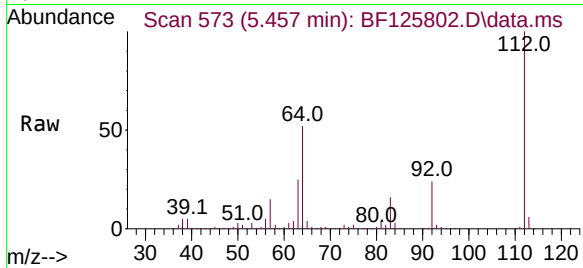




#5
2-Fluorophenol
Concen: 76.351 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.000 min
Lab File: BF125802.D
Acq: 12 Oct 2021 15:12

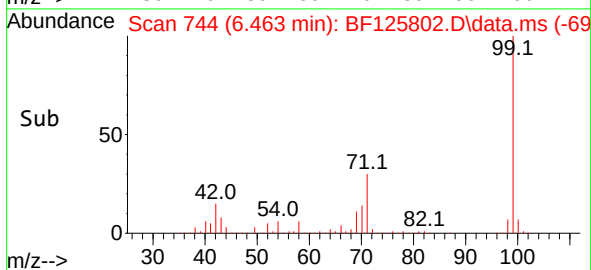
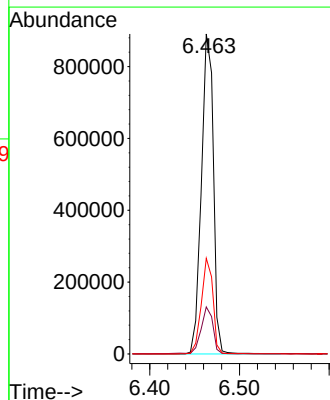
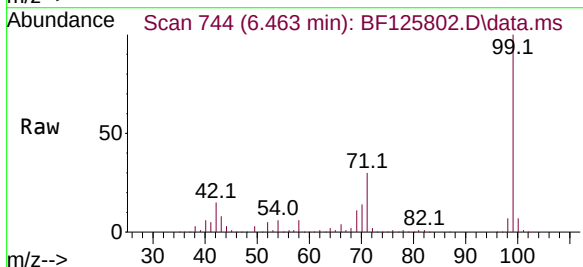
Instrument :
BNA_G
ClientSampleId :
CC-31RE

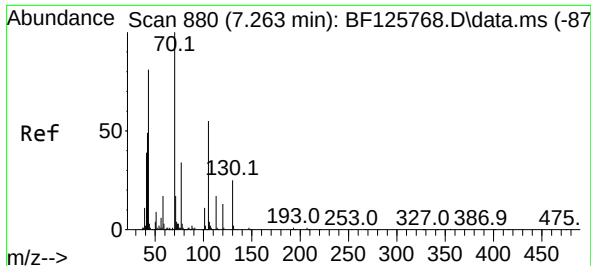
Tgt Ion:112 Resp: 757675
Ion Ratio Lower Upper
112 100
64 52.4 44.2 66.2
63 25.4 26.2 39.2#



#7
Phenol-d6
Concen: 64.699 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.012 min
Lab File: BF125802.D
Acq: 12 Oct 2021 15:12

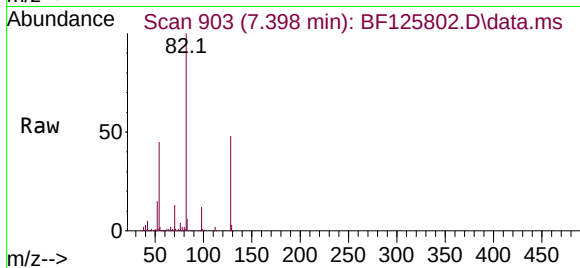
Tgt Ion: 99 Resp: 826519
Ion Ratio Lower Upper
99 100
42 14.7 23.5 35.3#
71 29.9 25.6 38.4



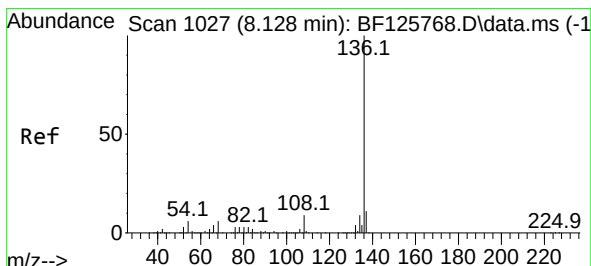
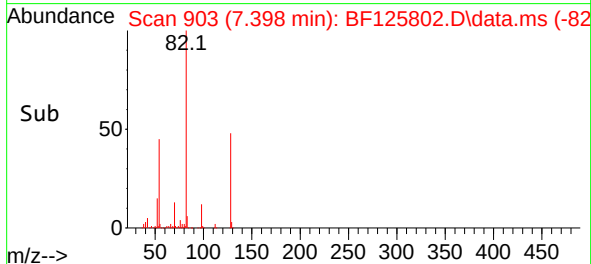
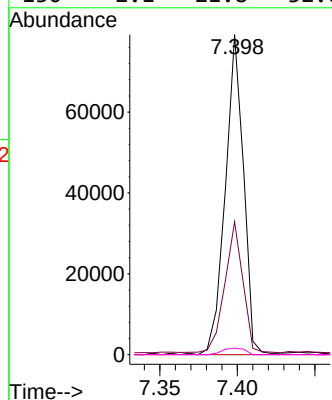


#19
n-Nitroso-di-n-propylamine
Concen: 9.594 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.135 min
Lab File: BF125802.D
Acq: 12 Oct 2021 15:12

Instrument :
BNA_G
ClientSampleId :
CC-31RE

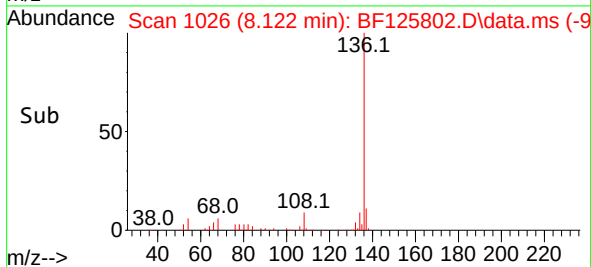
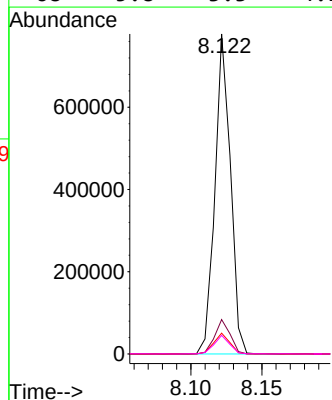
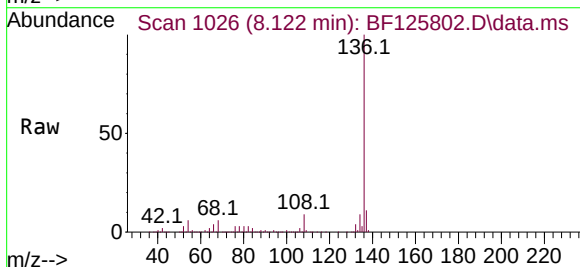


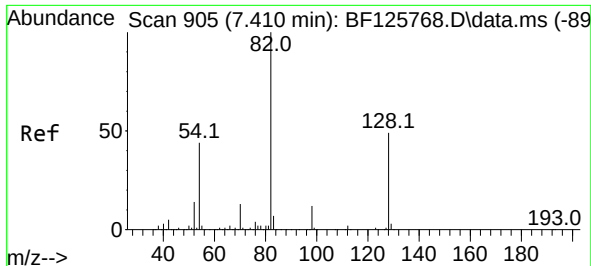
Tgt Ion	70	Resp:	64703
Ion	Ratio	Lower	Upper
70	100		
42	41.5	72.2	108.2#
101	0.0	7.8	11.8#
130	2.1	21.8	32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF125802.D
Acq: 12 Oct 2021 15:12

Tgt Ion	136	Resp:	591336
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.8	14.6
54	6.5	6.4	9.6
68	5.8	3.3	4.9#





#23

Nitrobenzene-d5

Concen: 53.240 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.012 min

Lab File: BF125802.D

Acq: 12 Oct 2021 15:12

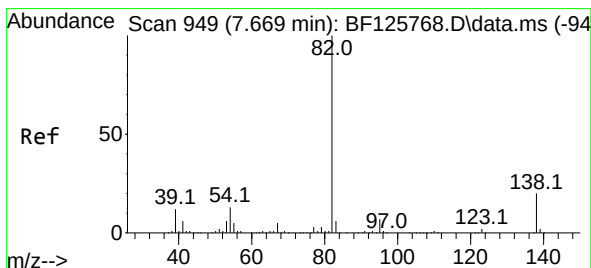
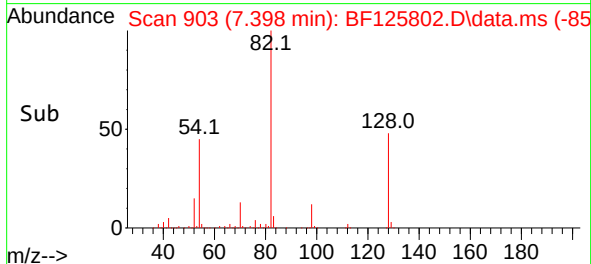
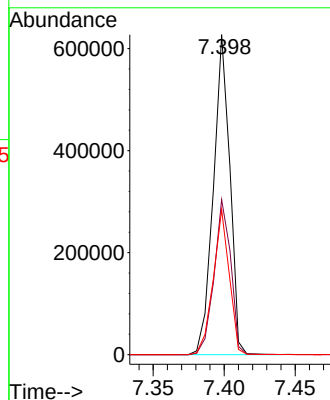
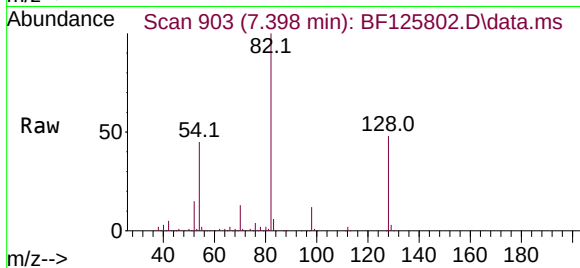
Instrument :

BNA_G

ClientSampleId :

CC-31RE

Tgt Ion:	82	Resp:	506474
Ion	Ratio	Lower	Upper
82	100		
128	48.5	40.6	60.8
54	45.3	49.6	74.4#



#25

Isophorone

Concen: 30.051 ng

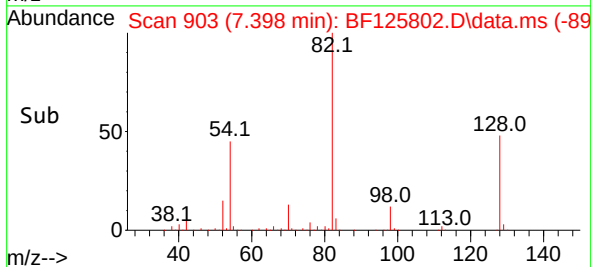
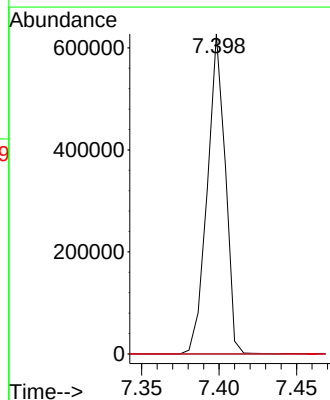
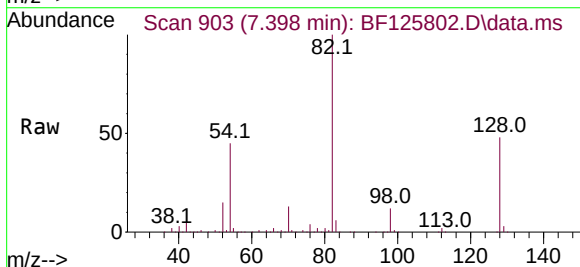
RT: 7.398 min Scan# 903

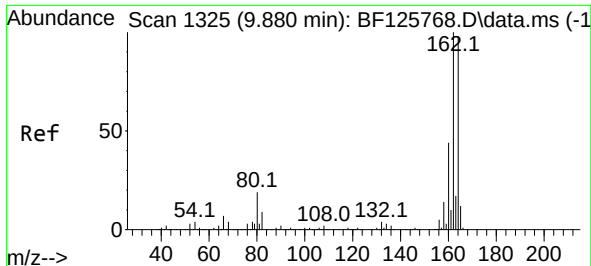
Delta R.T. -0.271 min

Lab File: BF125802.D

Acq: 12 Oct 2021 15:12

Tgt Ion:	82	Resp:	506463
Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.5	9.7#
138	0.0	18.4	27.6#

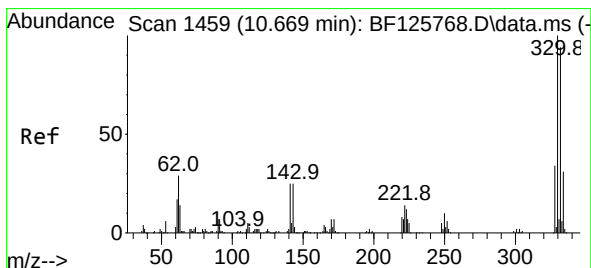
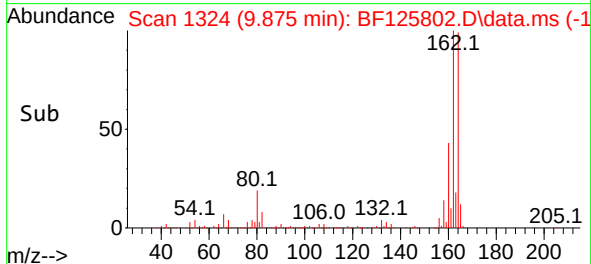
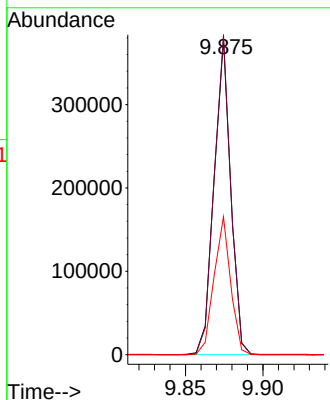
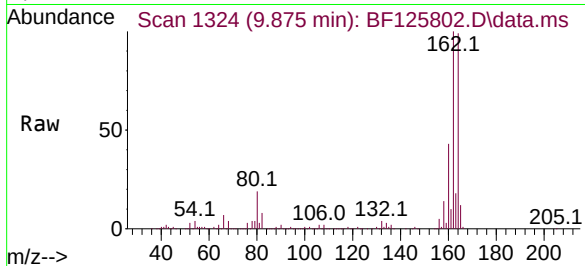




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF125802.D
Acq: 12 Oct 2021 15:12

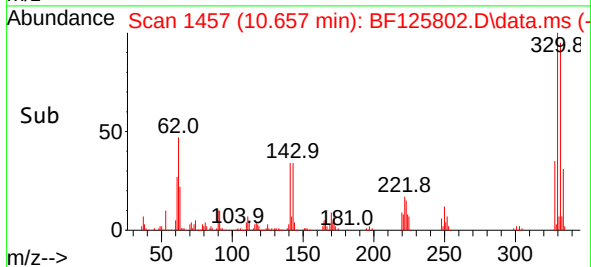
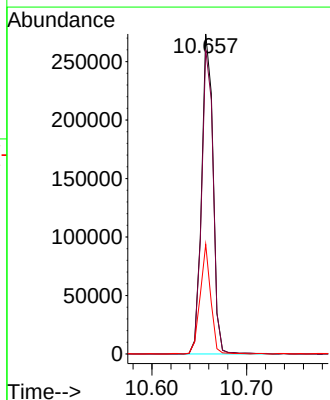
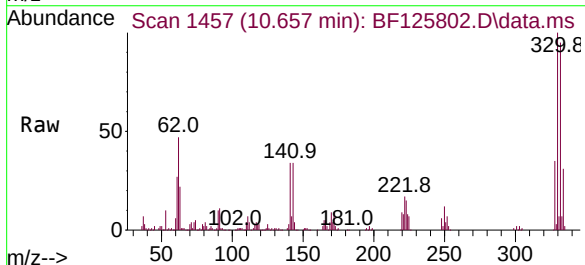
Instrument :
BNA_G
ClientSampleId :
CC-31RE

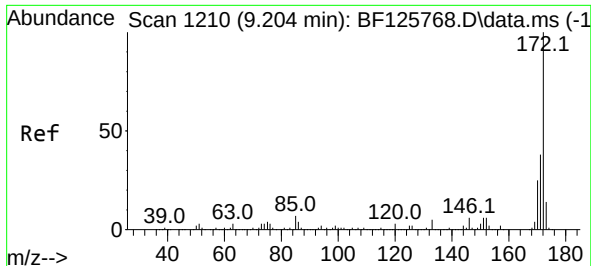
Tgt Ion:164 Resp: 282980
Ion Ratio Lower Upper
164 100
162 101.4 81.3 121.9
160 43.7 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 82.239 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.012 min
Lab File: BF125802.D
Acq: 12 Oct 2021 15:12

Tgt Ion:330 Resp: 229766
Ion Ratio Lower Upper
330 100
332 96.5 76.2 114.4
141 31.8 44.6 66.8#

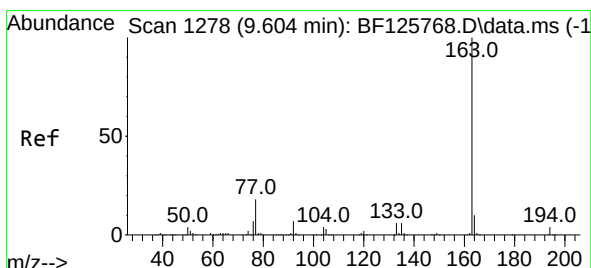
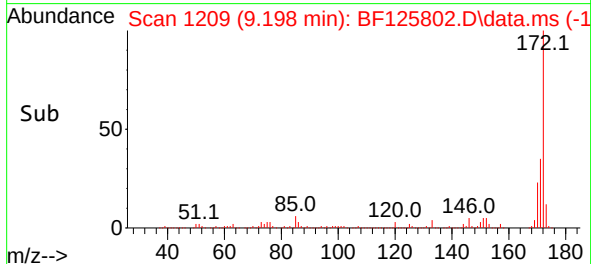
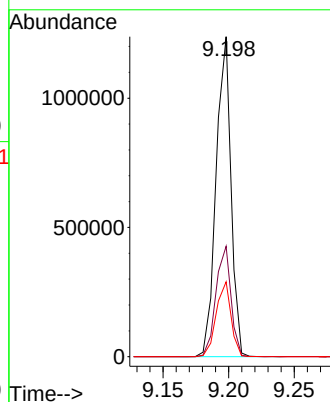
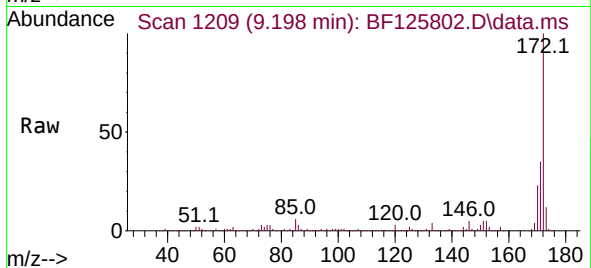




#45
2-Fluorobiphenyl
Concen: 59.464 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF125802.D
Acq: 12 Oct 2021 15:12

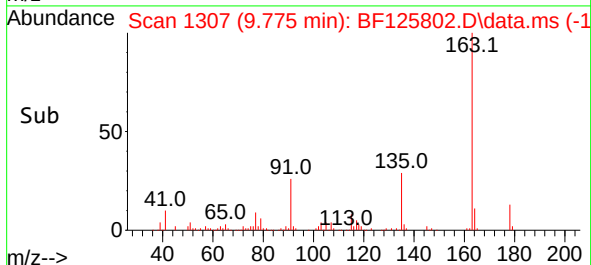
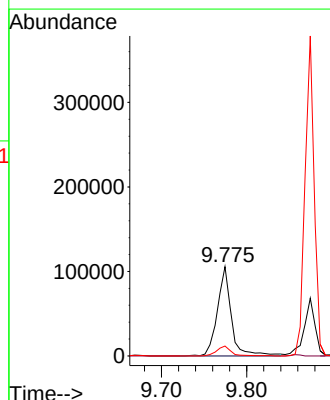
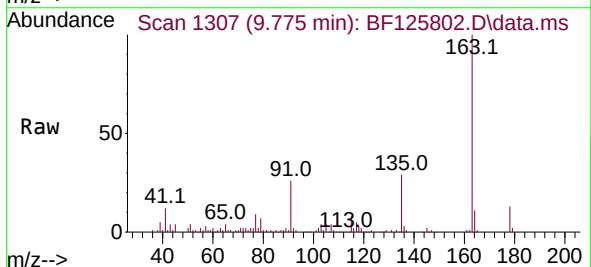
Instrument :
BNA_G
ClientSampled :
CC-31RE

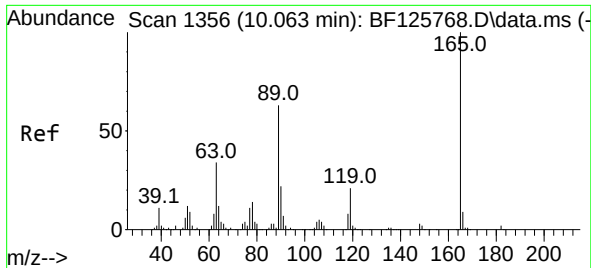
Tgt Ion:172 Resp: 975582
Ion Ratio Lower Upper
172 100
171 34.5 26.5 39.7
170 23.4 18.8 28.2



#50
Dimethylphthalate
Concen: 6.465 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.171 min
Lab File: BF125802.D
Acq: 12 Oct 2021 15:12

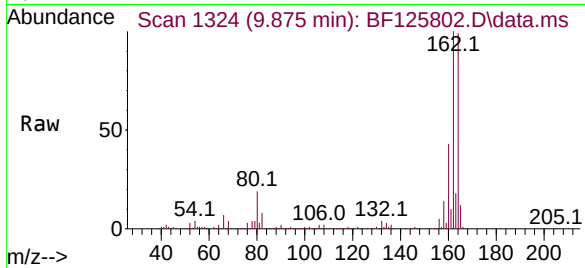
Tgt Ion:163 Resp: 120432
Ion Ratio Lower Upper
163 100
194 0.0 2.6 3.8#
164 11.1 7.4 11.0#



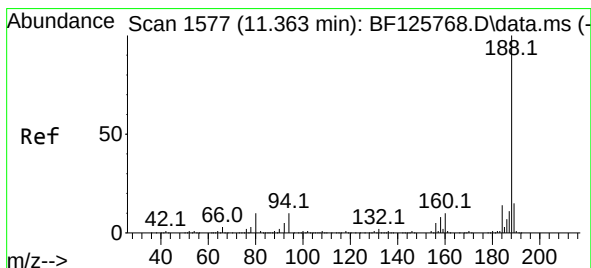
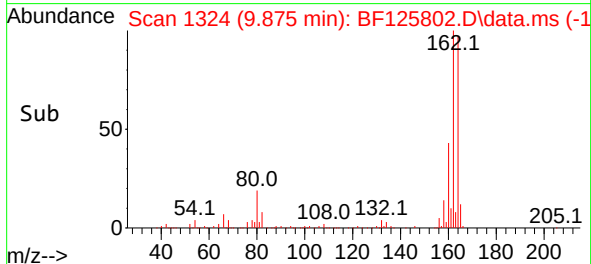
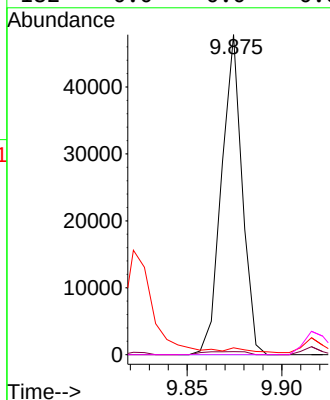


#57
2,4-Dinitrotoluene
Concen: 7.594 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.188 min
Lab File: BF125802.D
Acq: 12 Oct 2021 15:12

Instrument :
BNA_G
ClientSampled :
CC-31RE

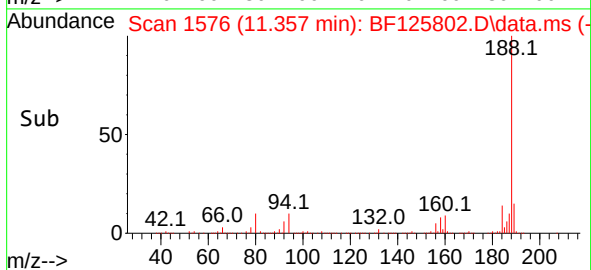
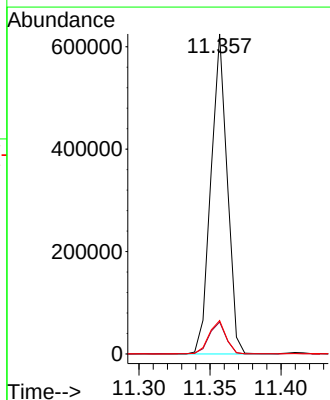
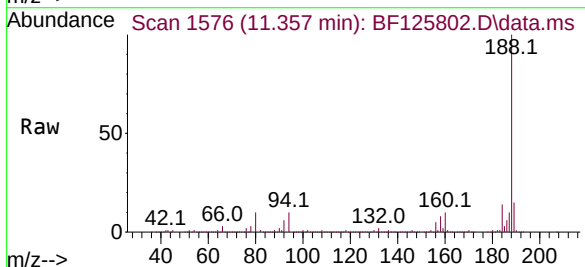


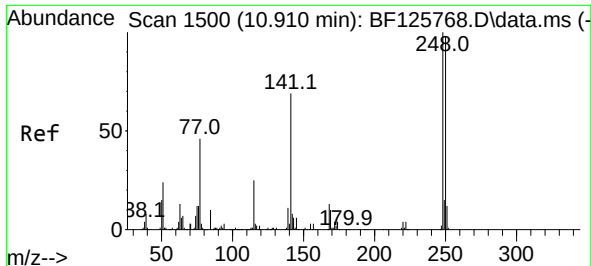
Tgt Ion:165 Resp: 36153
Ion Ratio Lower Upper
165 100
63 0.9 40.9 61.3#
89 2.2 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF125802.D
Acq: 12 Oct 2021 15:12

Tgt Ion:188 Resp: 498508
Ion Ratio Lower Upper
188 100
94 10.0 6.7 10.1
80 10.4 7.5 11.3

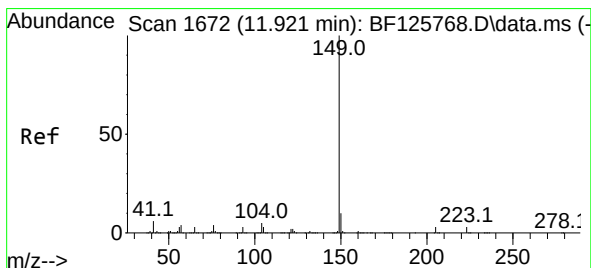
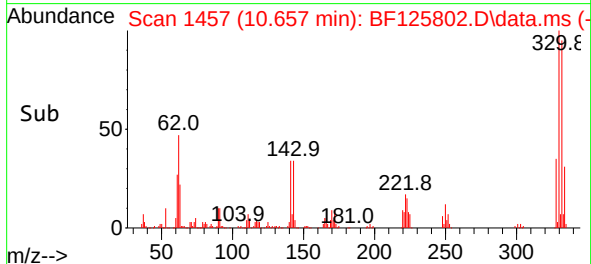
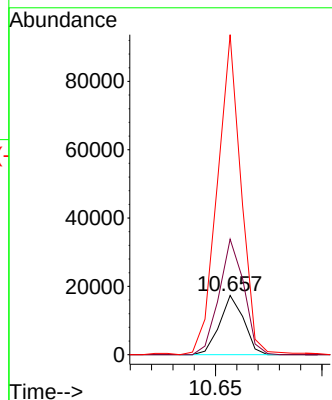
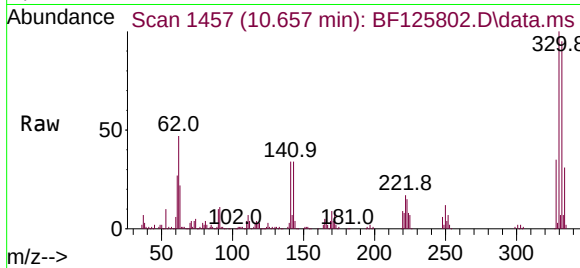




#67
4-Bromophenyl-phenylether
Concen: 2.472 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.253 min
Lab File: BF125802.D
Acq: 12 Oct 2021 15:12

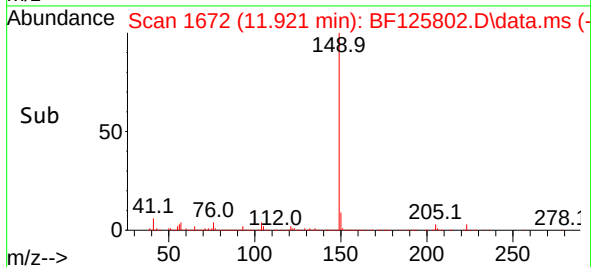
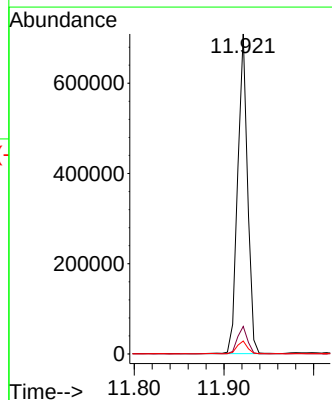
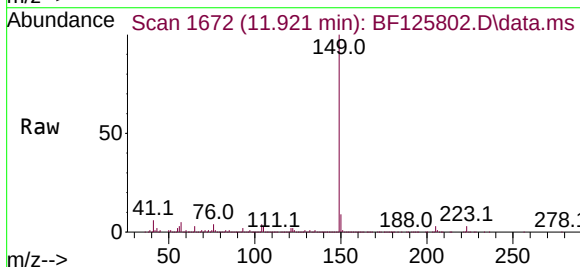
Instrument :
BNA_G
ClientSampleId :
CC-31RE

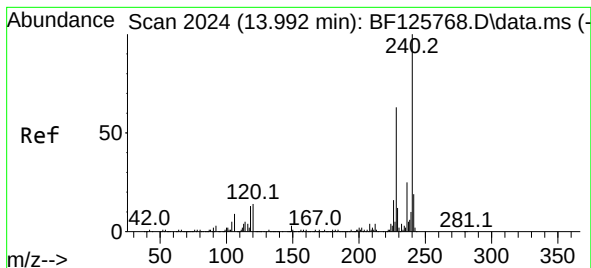
Tgt Ion:248 Resp: 13650
Ion Ratio Lower Upper
248 100
250 195.0 74.2 111.4#
141 539.8 60.4 90.6#



#74
Di-n-butylphthalate
Concen: 19.801 ng
RT: 11.921 min Scan# 1672
Delta R.T. 0.000 min
Lab File: BF125802.D
Acq: 12 Oct 2021 15:12

Tgt Ion:149 Resp: 541967
Ion Ratio Lower Upper
149 100
150 8.6 7.4 11.2
104 4.1 4.1 6.1#

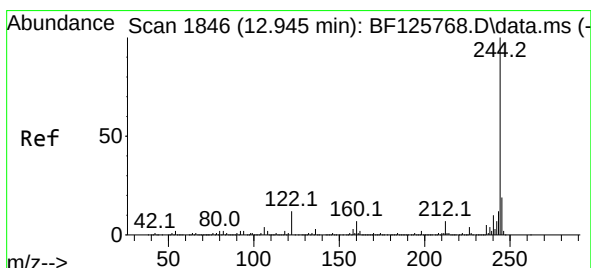
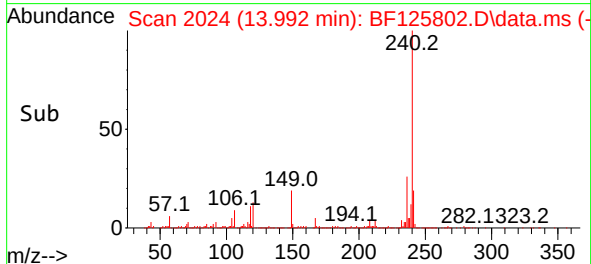
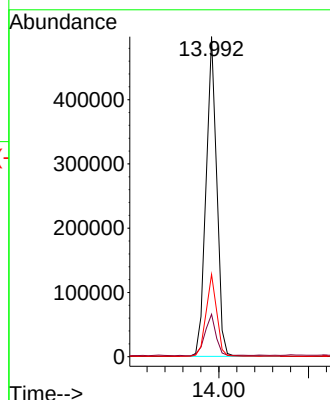
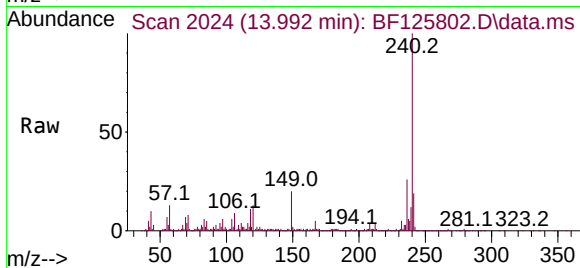




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF125802.D
Acq: 12 Oct 2021 15:12

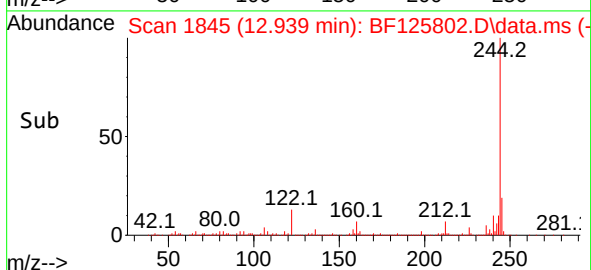
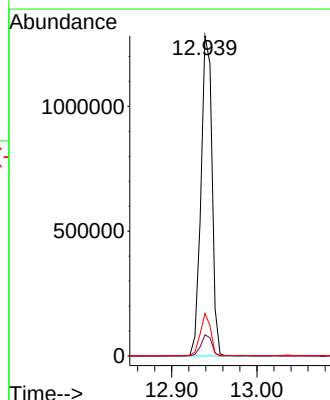
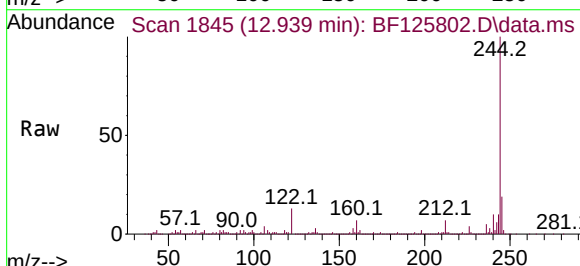
Instrument :
BNA_G
ClientSampleId :
CC-31RE

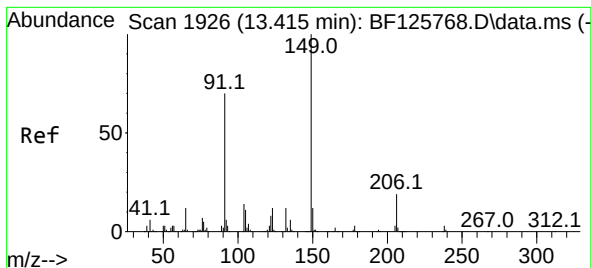
Tgt Ion:240 Resp: 412438
Ion Ratio Lower Upper
240 100
120 13.3 10.8 16.2
236 25.7 21.6 32.4



#79
Terphenyl-d14
Concen: 42.730 ng
RT: 12.939 min Scan# 1845
Delta R.T. -0.006 min
Lab File: BF125802.D
Acq: 12 Oct 2021 15:12

Tgt Ion:244 Resp: 1156974
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 13.3 9.0 13.4

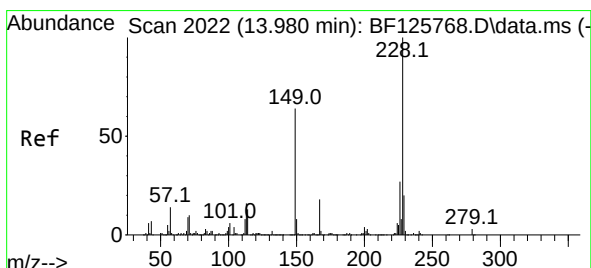
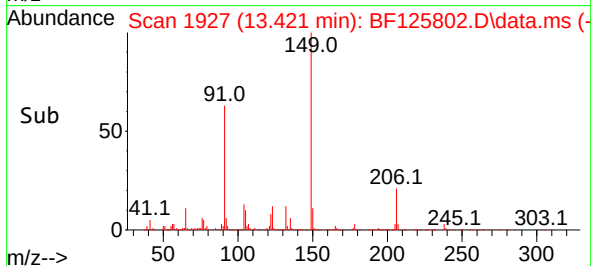
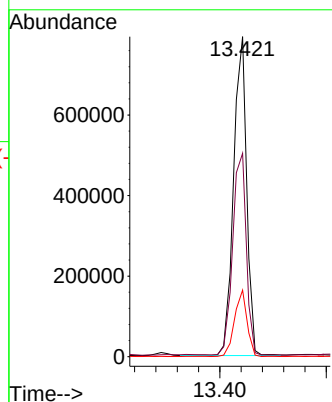
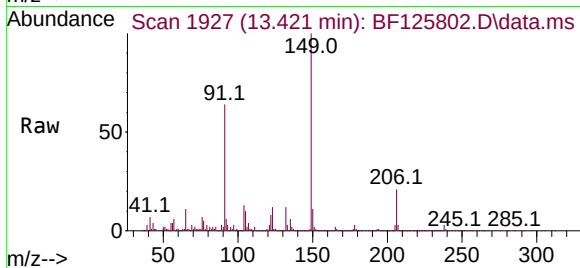




#80
Butylbenzylphthalate
Concen: 50.493 ng
RT: 13.421 min Scan# 1927
Delta R.T. 0.006 min
Lab File: BF125802.D
Acq: 12 Oct 2021 15:12

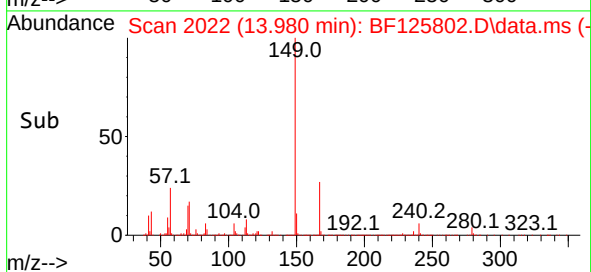
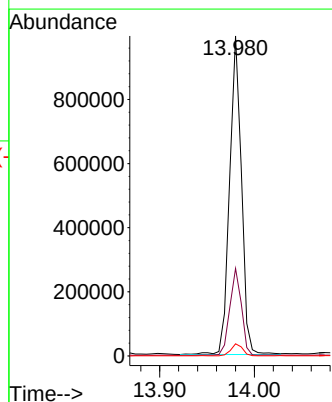
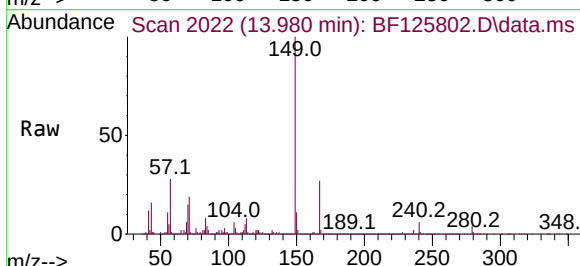
Instrument :
BNA_G
ClientSampled :
CC-31RE

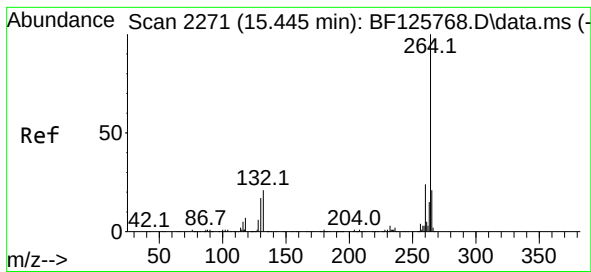
Tgt Ion:149 Resp: 678158
Ion Ratio Lower Upper
149 100
91 63.6 51.8 77.8
206 20.8 14.5 21.7



#84
Bis(2-ethylhexyl)phthalate
Concen: 59.341 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF125802.D
Acq: 12 Oct 2021 15:12

Tgt Ion:149 Resp: 867210
Ion Ratio Lower Upper
149 100
167 27.4 21.4 32.0
279 3.8 2.6 4.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. 0.000 min
 Lab File: BF125802.D
 Acq: 12 Oct 2021 15:12

Instrument :
 BNA_G
 ClientSampleId :
 CC-31RE

Tgt Ion:264 Resp: 345750
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.6 29.4
 265 21.8 17.2 25.8

