

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
 Data File : BF126429.D
 Acq On : 30 Dec 2021 20:28
 Operator : JU/CG
 Sample : M5244-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 31 00:38:13 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 30 04:30:49 2021
 Response via : Initial Calibration

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

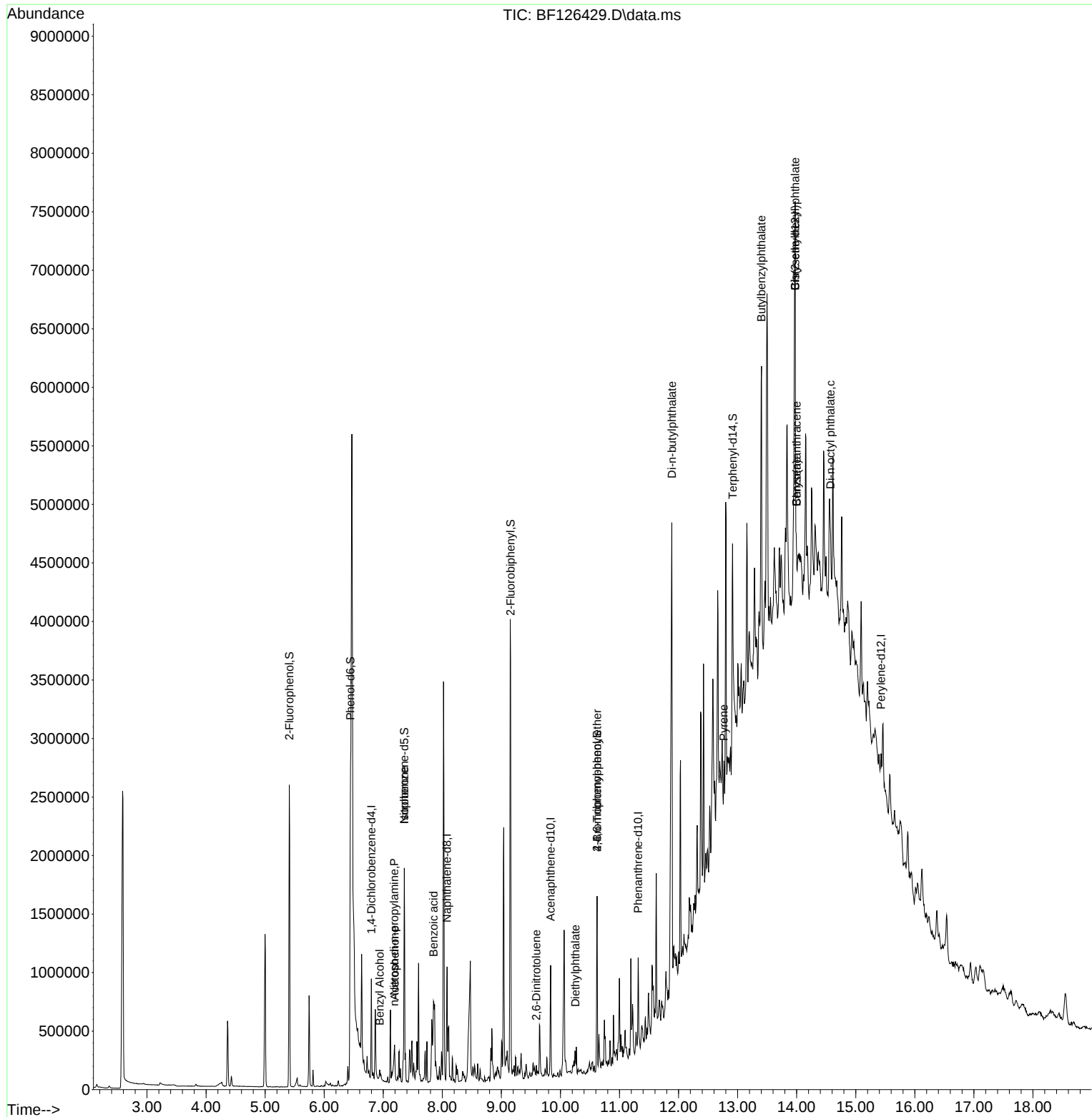
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	97140	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	365543	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	167081	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	262102	20.000	ng	0.00
76) Chrysene-d12	13.974	240	109375	20.000	ng	0.02
86) Perylene-d12	15.427	264	125153	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	755232	111.649	ng	0.00
7) Phenol-d6	6.445	99	879478	100.383	ng	0.02
23) Nitrobenzene-d5	7.357	82	585383	82.226	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	169862	131.563	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	643562	67.781	ng	0.00
79) Terphenyl-d14	12.916	244	672248	119.418	ng	0.01
Target Compounds						Qvalue
15) Benzyl Alcohol	6.940	79	22227	3.626	ng	94
19) n-Nitroso-di-n-propyla...	7.187	70	17248	3.450	ng	# 55
22) Acetophenone	7.192	105	44661	5.285	ng	# 55
25) Isophorone	7.357	82	582413	45.700	ng	# 69
32) Benzoic acid	7.851	122	5622	8.414	ng	# 1
51) 2,6-Dinitrotoluene	9.592	165	5142	2.283	ng	# 46
60) Diethylphthalate	10.251	149	42784	4.256	ng	99
67) 4-Bromophenyl-phenylether	10.622	248	9470	4.071	ng	# 1
74) Di-n-butylphthalate	11.886	149	330869	22.135	ng	99
77) Benzidine	12.674	184	355	Below Cal		# 1
78) Pyrene	12.763	202	21549	2.331	ng	# 85
80) Butylbenzylphthalate	13.404	149	851800	207.968	ng	# 92
81) Benzo(a)anthracene	13.998	228	13850	2.202	ng	# 76
83) Chrysene	13.998	228	13850	2.147	ng	# 80
84) Bis(2-ethylhexyl)phtha...	13.974	149	1843785	434.373	ng	# 99
85) Di-n-octyl phthalate	14.574	149	196381	26.677	ng	# 1

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

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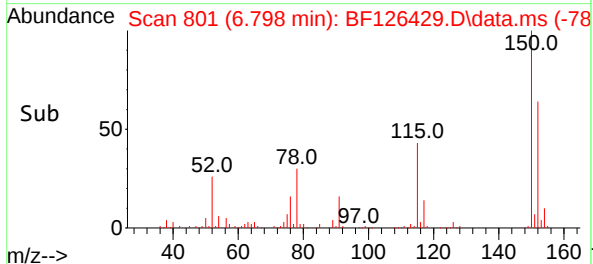
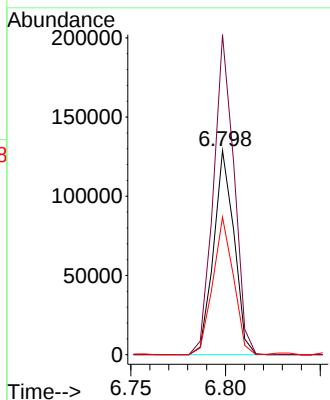
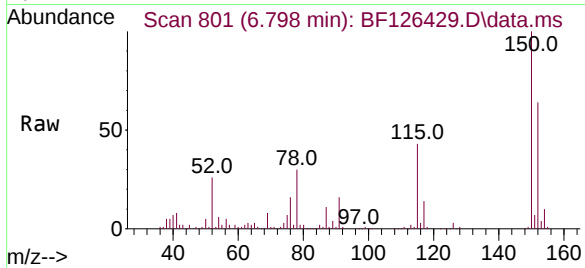




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF126429.D
Acq: 30 Dec 2021 20:28

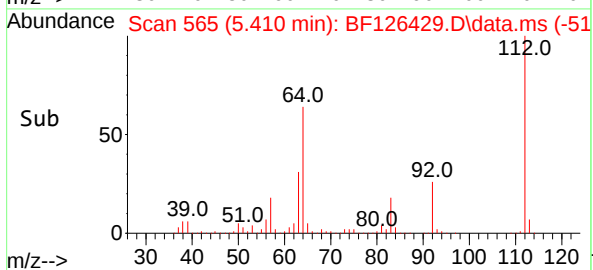
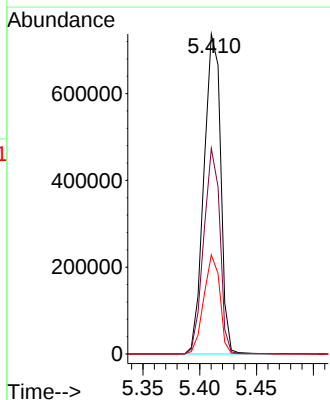
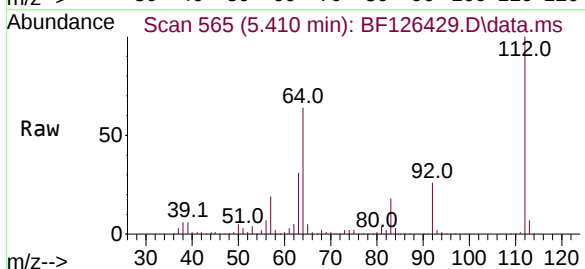
Instrument :
BNA_F
ClientSampleId :

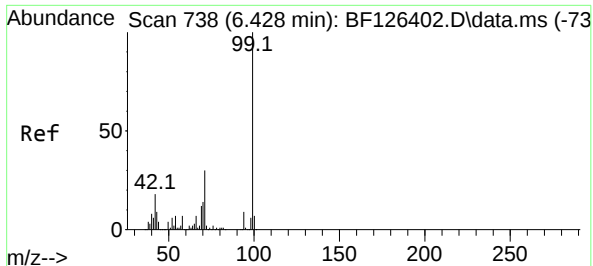
Tgt Ion:152 Resp: 97140
Ion Ratio Lower Upper
152 100
150 156.7 128.1 192.1
115 67.4 56.7 85.1



#5
2-Fluorophenol
Concen: 111.649 ng
RT: 5.410 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF126429.D
Acq: 30 Dec 2021 20:28

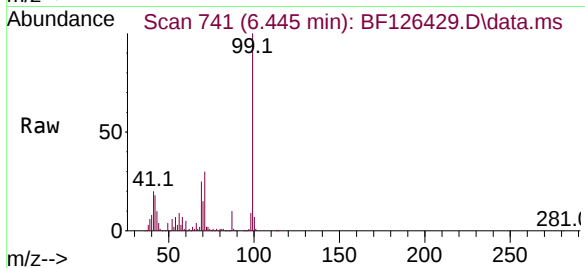
Tgt Ion:112 Resp: 755232
Ion Ratio Lower Upper
112 100
64 64.2 49.5 74.3
63 31.0 23.9 35.9





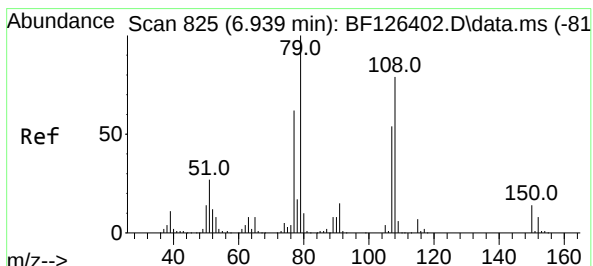
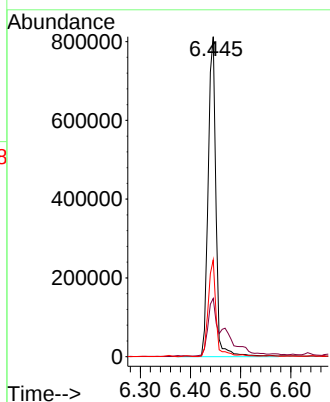
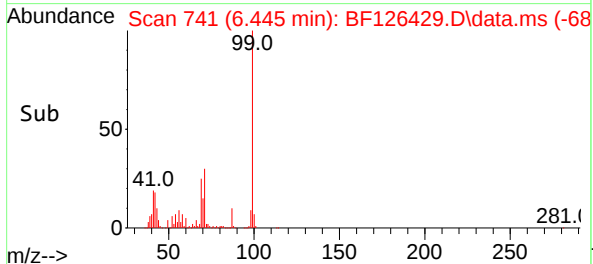
#7
Phenol-d6
Concen: 100.383 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.018 min
Lab File: BF126429.D
Acq: 30 Dec 2021 20:28

Instrument :
BNA_F
ClientSampleId :

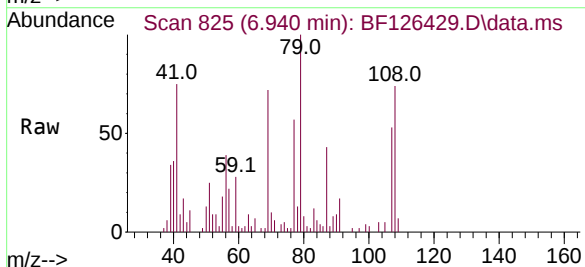


Tgt Ion: 99 Resp: 879478

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.2	21.4
71	30.3	24.3	36.5

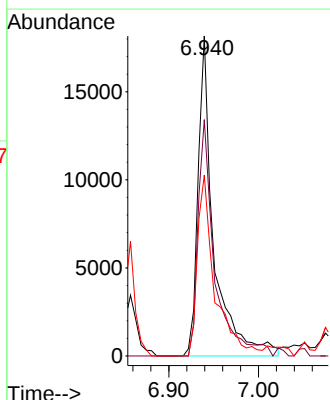
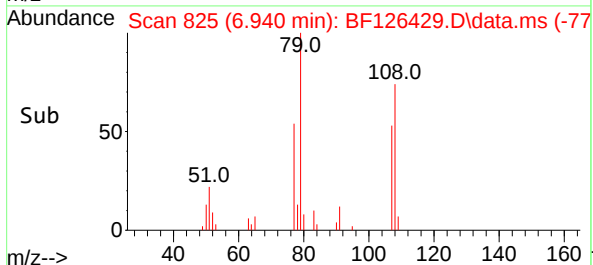


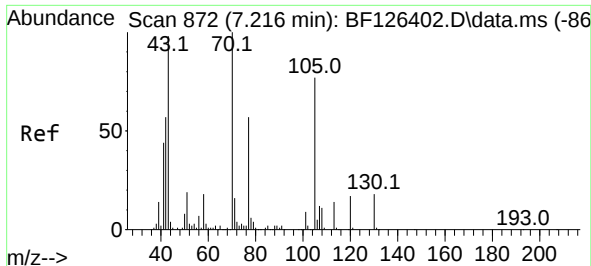
#15
Benzyl Alcohol
Concen: 3.626 ng
RT: 6.940 min Scan# 825
Delta R.T. 0.000 min
Lab File: BF126429.D
Acq: 30 Dec 2021 20:28



Tgt Ion: 79 Resp: 22227

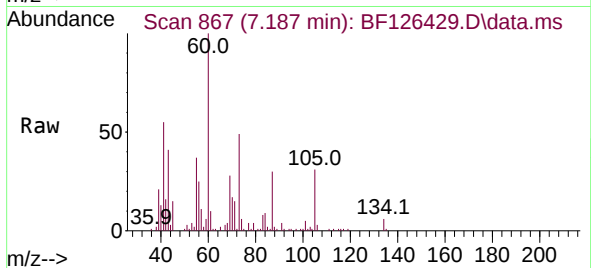
Ion	Ratio	Lower	Upper
79	100		
108	73.8	63.2	94.8
77	56.5	49.4	74.2



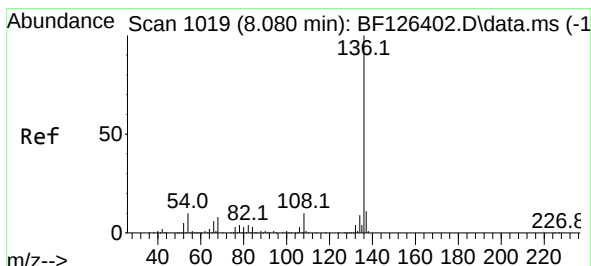
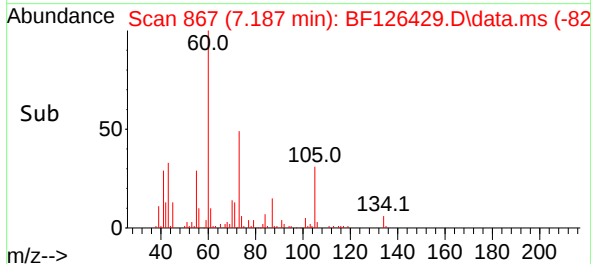
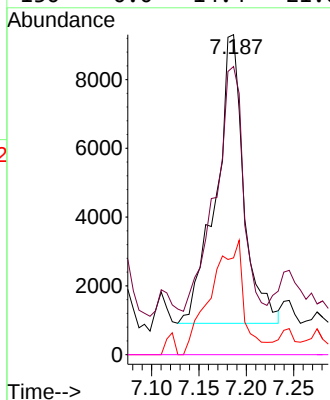


#19
n-Nitroso-di-n-propylamine
Concen: 3.450 ng
RT: 7.187 min Scan# 80
Delta R.T. -0.029 min
Lab File: BF126429.D
Acq: 30 Dec 2021 20:28

Instrument :
BNA_F
ClientSampleId :

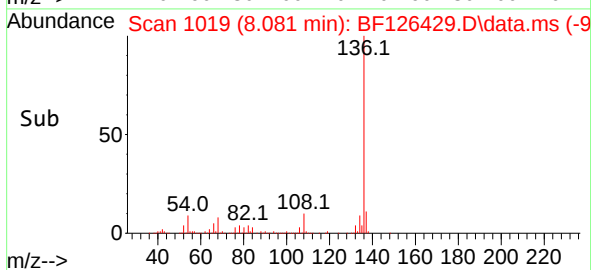
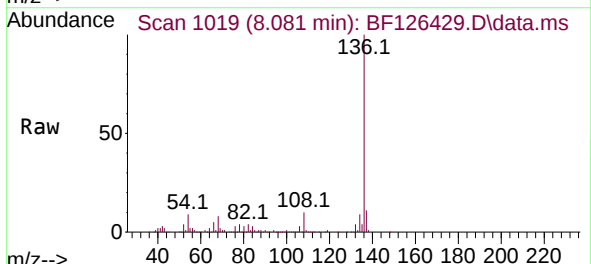
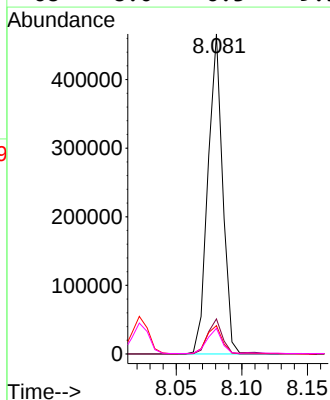


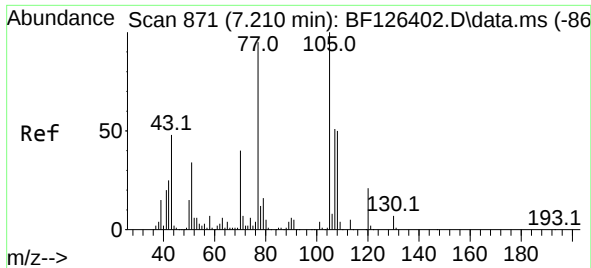
Tgt Ion: 70	Resp: 17248
Ion Ratio	Lower Upper
70 100	
42 90.0	45.8 68.8#
101 30.3	6.9 10.3#
130 0.0	14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF126429.D
Acq: 30 Dec 2021 20:28

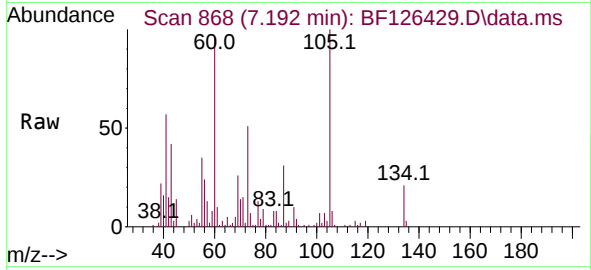
Tgt	Ion:136	Resp:	365543
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.8	7.8	11.6
68	8.0	6.3	9.5



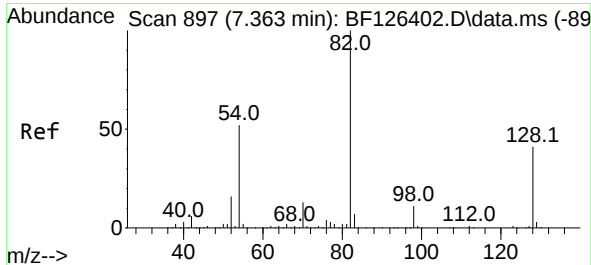
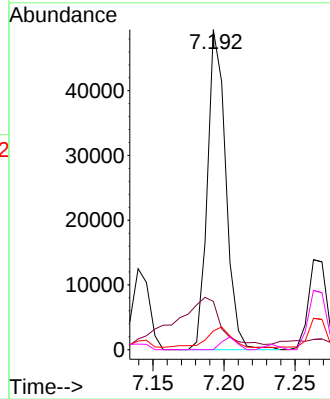
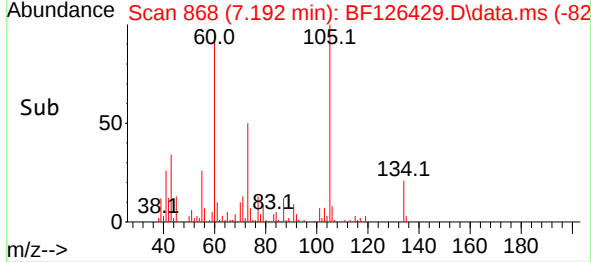


#22
Acetophenone
Concen: 5.285 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF126429.D
Acq: 30 Dec 2021 20:28

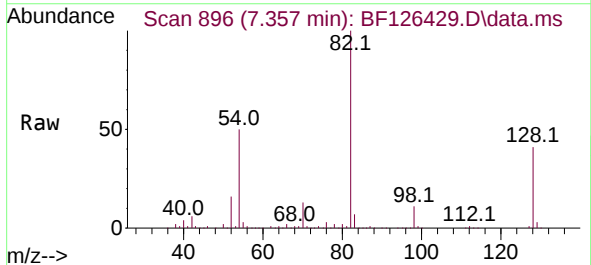
Instrument :
BNA_F
ClientSampleId :



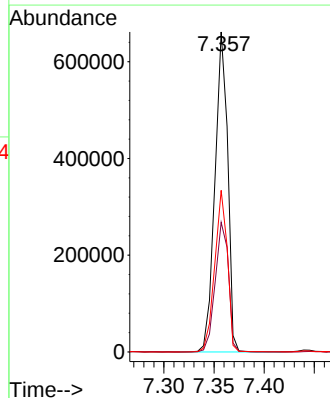
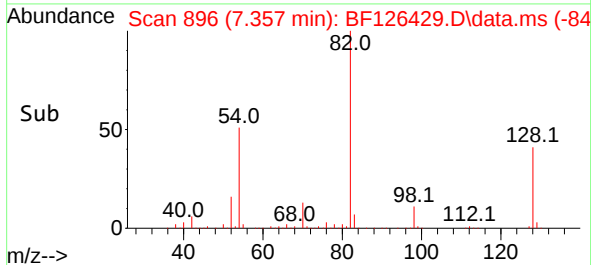
Tgt Ion:105 Resp: 44661
Ion Ratio Lower Upper
105 100
71 15.1 5.4 8.0#
51 5.9 27.4 41.0#
120 0.0 17.0 25.6#

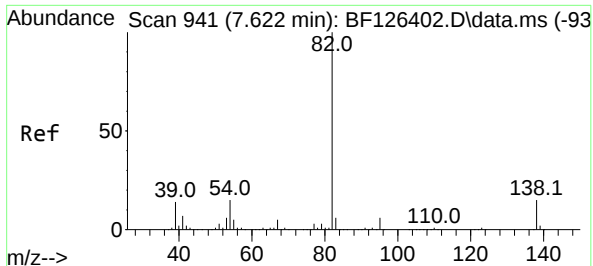


#23
Nitrobenzene-d5
Concen: 82.226 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF126429.D
Acq: 30 Dec 2021 20:28



Tgt Ion: 82 Resp: 585383
Ion Ratio Lower Upper
82 100
128 40.5 32.7 49.1
54 50.5 41.7 62.5

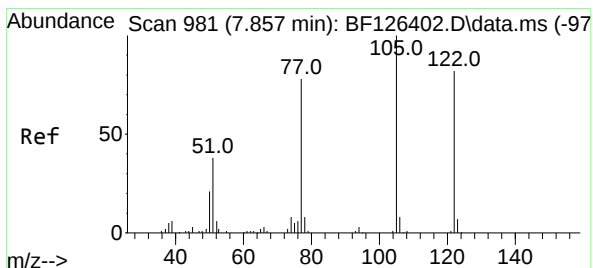
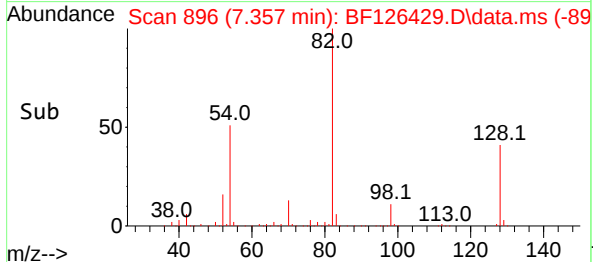
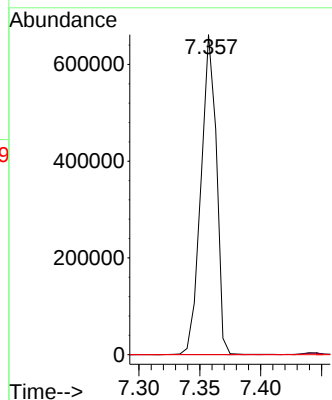
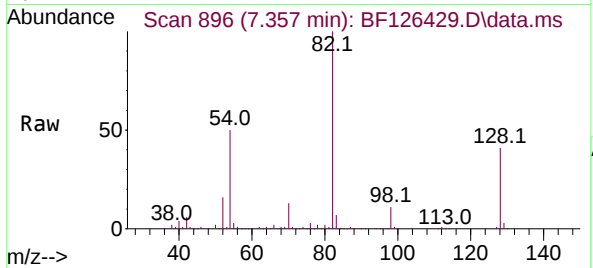




#25
Isophorone
Concen: 45.700 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF126429.D
Acq: 30 Dec 2021 20:28

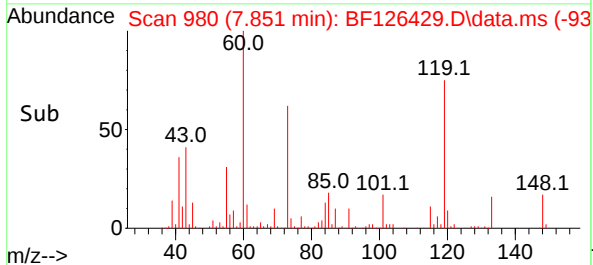
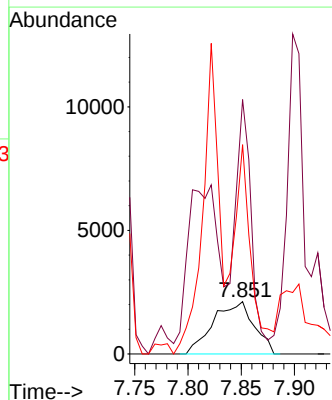
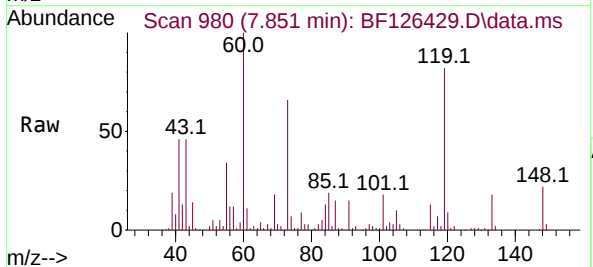
Instrument :
BNA_F
ClientSampleId :

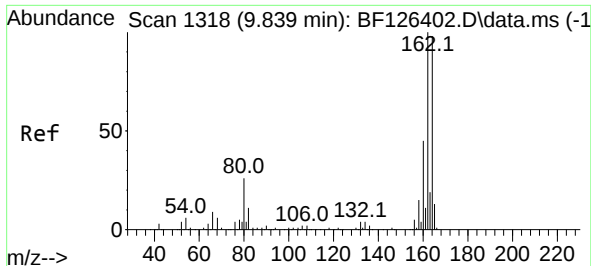
Tgt Ion: 82 Resp: 582413
Ion Ratio Lower Upper
82 100
95 0.1 5.0 7.4#
138 0.0 12.3 18.5#



#32
Benzoic acid
Concen: 8.414 ng
RT: 7.851 min Scan# 980
Delta R.T. -0.006 min
Lab File: BF126429.D
Acq: 30 Dec 2021 20:28

Tgt Ion:122 Resp: 5622
Ion Ratio Lower Upper
122 100
105 486.4 101.0 141.0#
77 400.0 74.5 114.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126429.D

Acq: 30 Dec 2021 20:28

Instrument :

BNA_F

ClientSampleId :

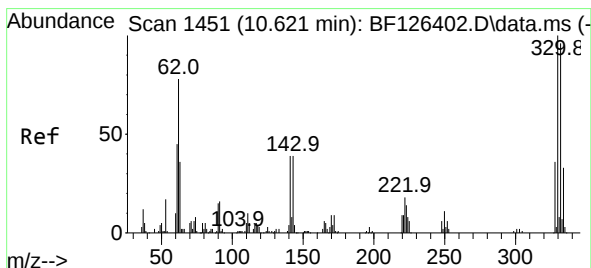
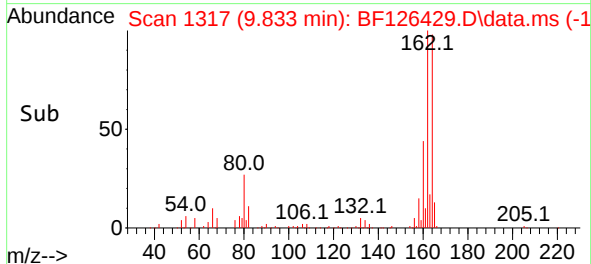
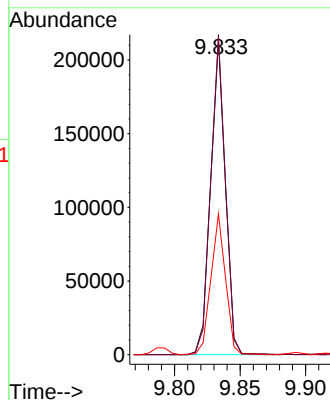
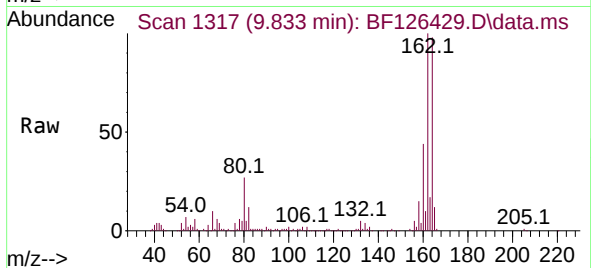
Tgt Ion:164 Resp: 167081

Ion Ratio Lower Upper

164 100

162 101.7 81.4 122.0

160 44.7 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 131.563 ng

RT: 10.622 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF126429.D

Acq: 30 Dec 2021 20:28

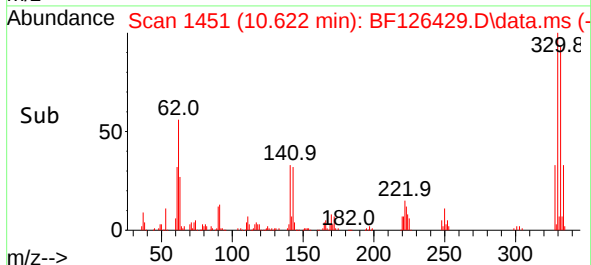
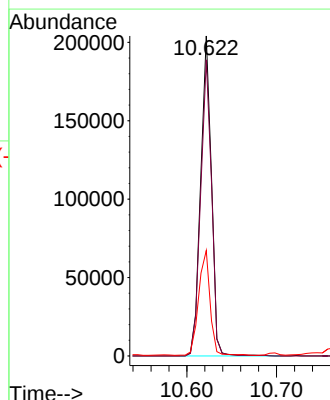
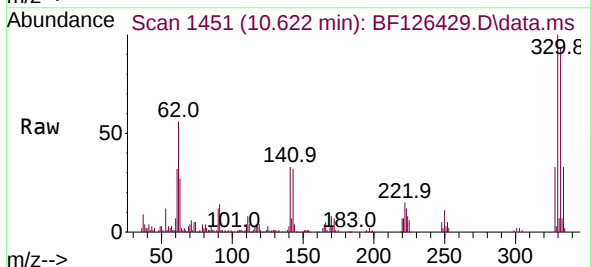
Tgt Ion:330 Resp: 169862

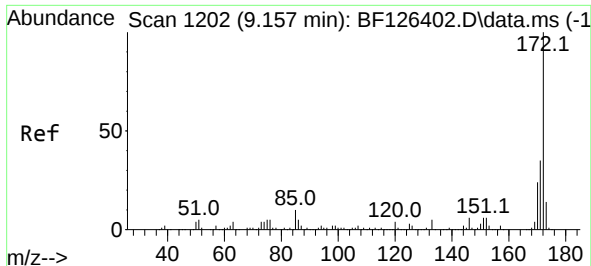
Ion Ratio Lower Upper

330 100

332 93.9 76.0 114.0

141 34.7 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 67.781 ng

RT: 9.157 min Scan# 11

Delta R.T. 0.000 min

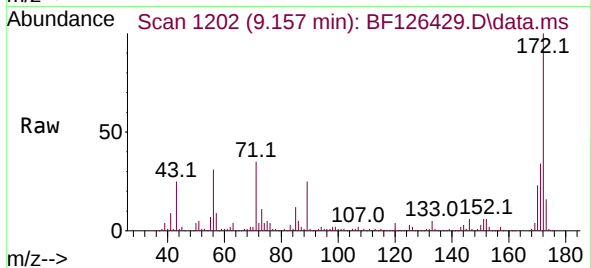
Lab File: BF126429.D

Acq: 30 Dec 2021 20:28

Instrument :

BNA_F

ClientSampleId :



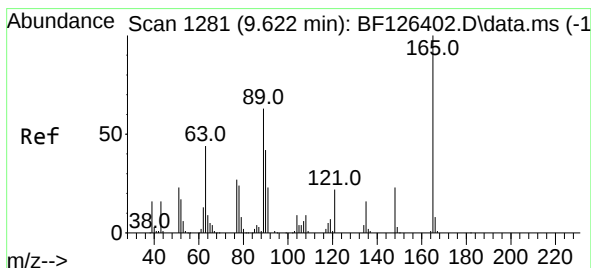
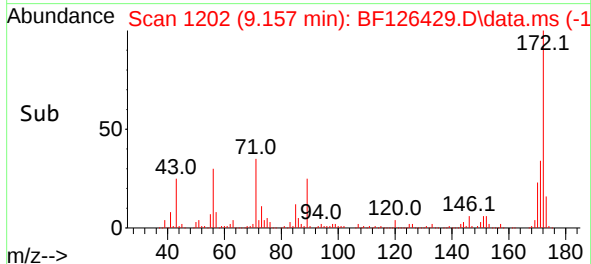
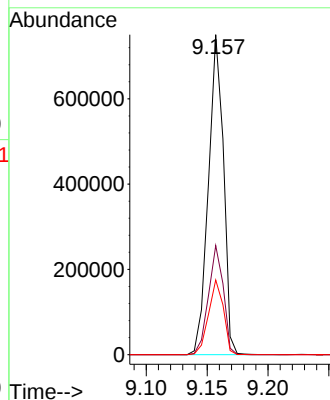
Tgt Ion:172 Resp: 643562

Ion Ratio Lower Upper

172 100

171 34.1 28.3 42.5

170 23.3 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 2.283 ng

RT: 9.592 min Scan# 1276

Delta R.T. -0.029 min

Lab File: BF126429.D

Acq: 30 Dec 2021 20:28

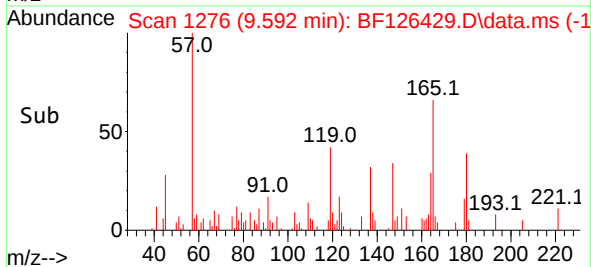
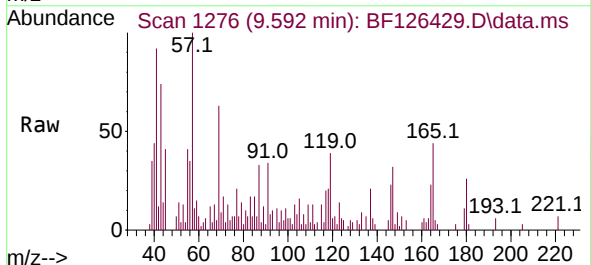
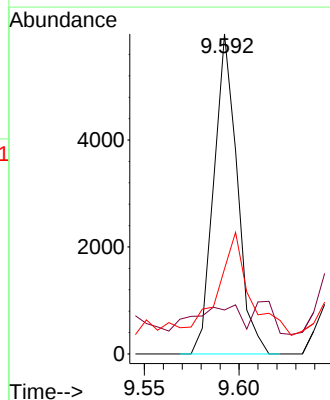
Tgt Ion:165 Resp: 5142

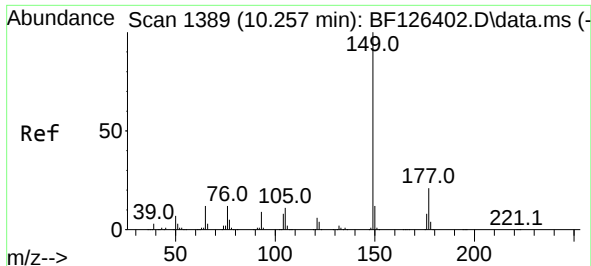
Ion Ratio Lower Upper

165 100

63 13.8 48.4 72.6#

89 26.6 50.5 75.7#

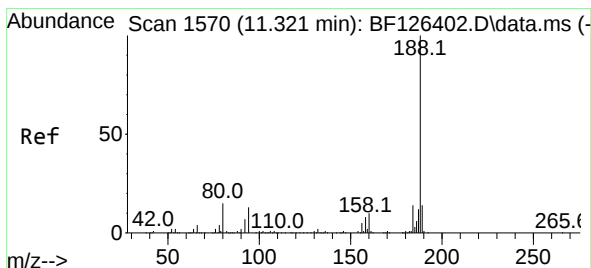
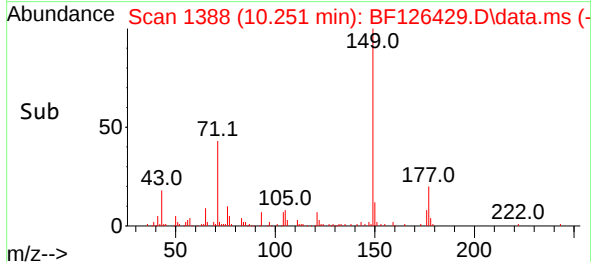
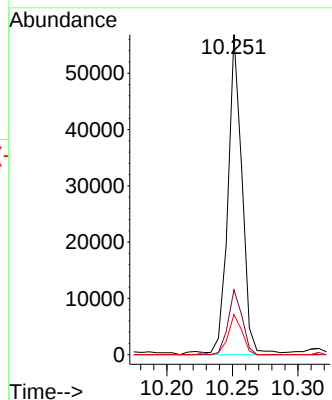
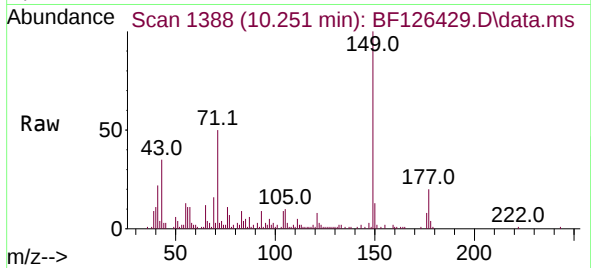




#60
Diethylphthalate
Concen: 4.256 ng
RT: 10.251 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126429.D
Acq: 30 Dec 2021 20:28

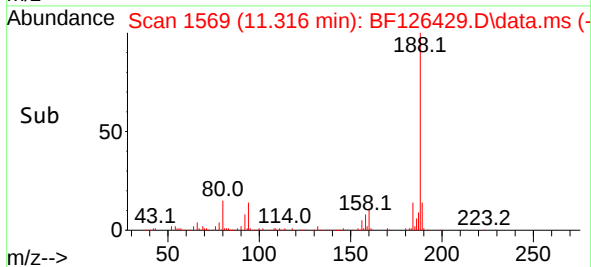
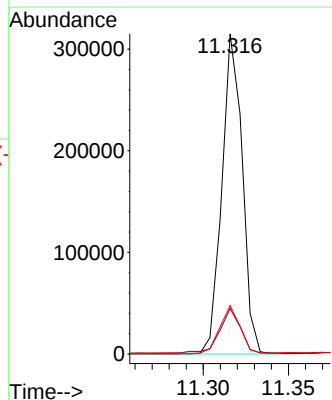
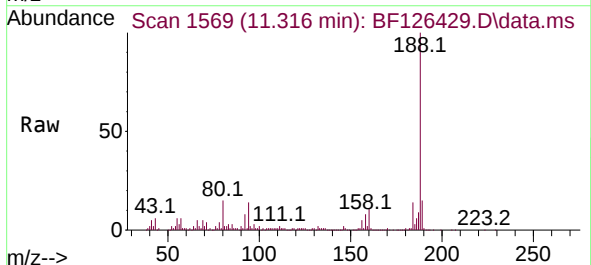
Instrument :
BNA_F
ClientSampleId :

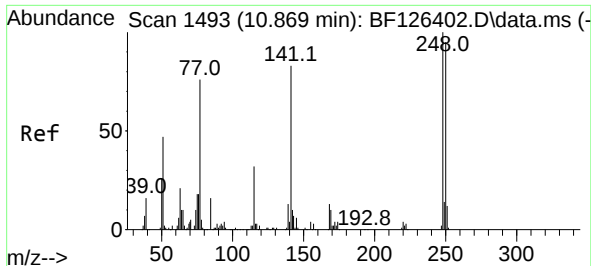
Tgt Ion:149 Resp: 42784
Ion Ratio Lower Upper
149 100
177 20.2 16.7 25.1
150 12.6 9.8 14.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF126429.D
Acq: 30 Dec 2021 20:28

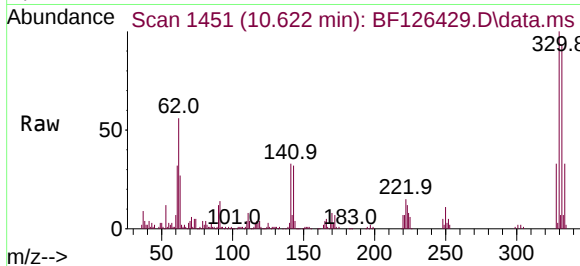
Tgt Ion:188 Resp: 262102
Ion Ratio Lower Upper
188 100
94 14.2 10.1 15.1
80 15.1 11.8 17.6



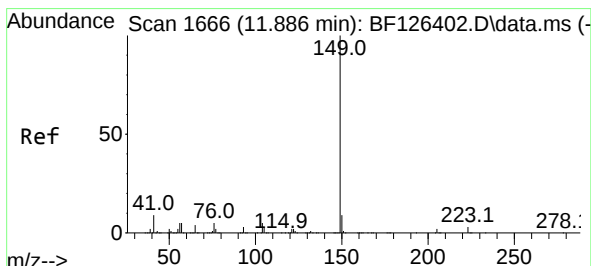
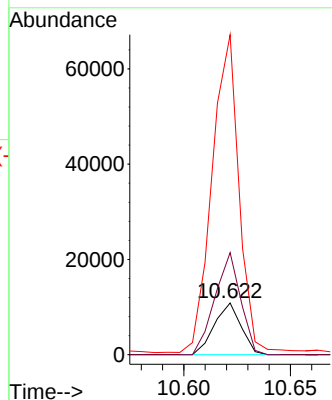
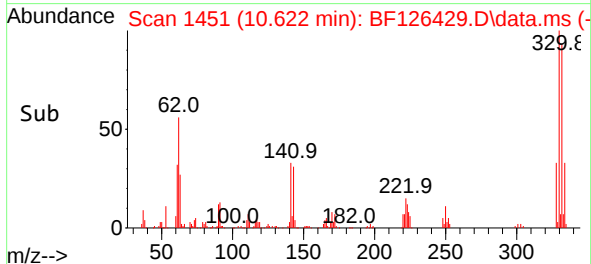


#67
4-Bromophenyl-phenylether
Concen: 4.071 ng
RT: 10.622 min Scan# 1493
Delta R.T. -0.247 min
Lab File: BF126429.D
Acq: 30 Dec 2021 20:28

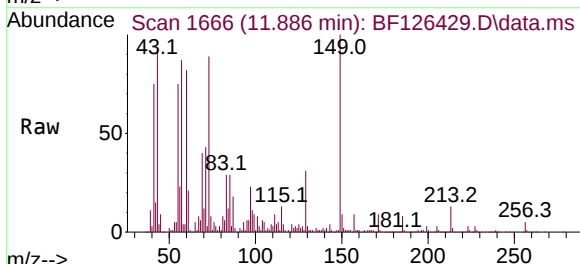
Instrument :
BNA_F
ClientSampleId :



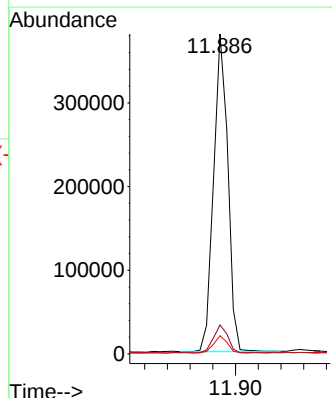
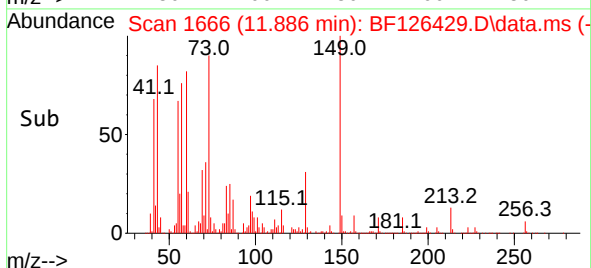
Tgt Ion:248 Resp: 9470
Ion Ratio Lower Upper
248 100
250 197.7 76.2 114.4#
141 619.3 66.2 99.4#

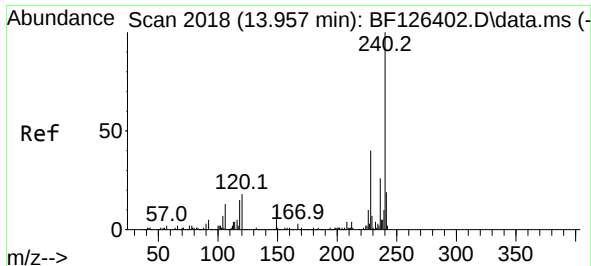


#74
Di-n-butylphthalate
Concen: 22.135 ng
RT: 11.886 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BF126429.D
Acq: 30 Dec 2021 20:28



Tgt Ion:149 Resp: 330869
Ion Ratio Lower Upper
149 100
150 9.1 7.2 10.8
104 5.7 4.2 6.2

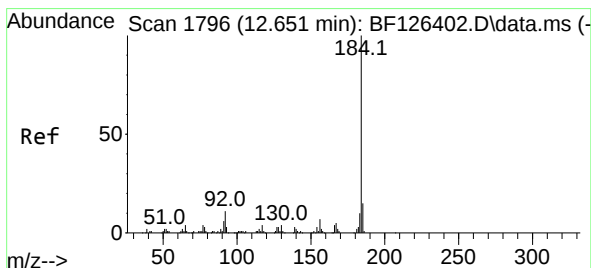
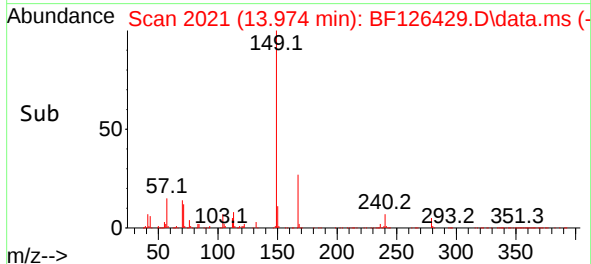
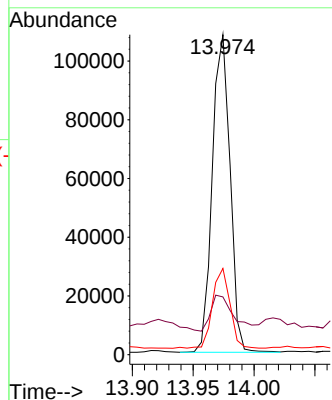
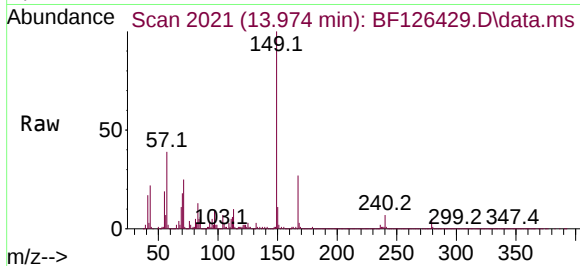




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 20
Delta R.T. 0.018 min
Lab File: BF126429.D
Acq: 30 Dec 2021 20:28

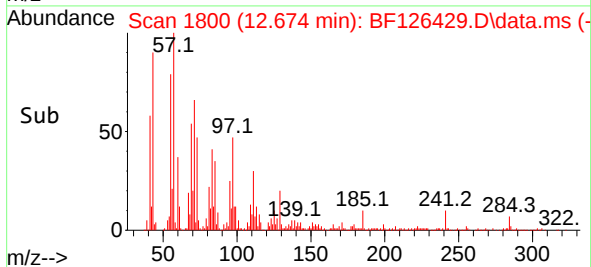
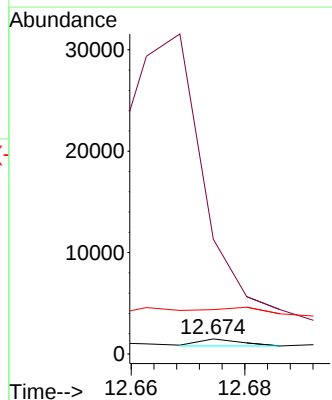
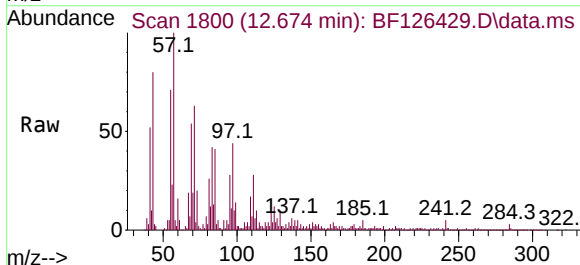
Instrument :
BNA_F
ClientSampleId :

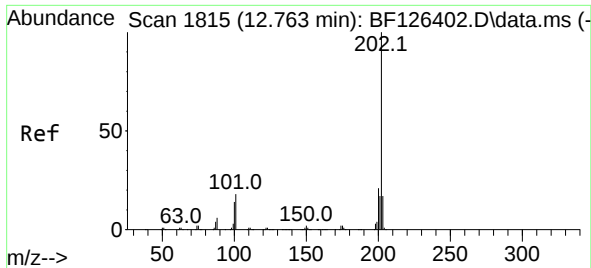
Tgt Ion:240 Resp: 109375
Ion Ratio Lower Upper
240 100
120 18.0 14.4 21.6
236 27.0 20.5 30.7



#77
Benzidine
Concen: Below Cal
RT: 12.674 min Scan# 1800
Delta R.T. 0.023 min
Lab File: BF126429.D
Acq: 30 Dec 2021 20:28

Tgt Ion:184 Resp: 355
Ion Ratio Lower Upper
184 100
185 764.5 11.8 17.8#
183 295.7 8.2 12.2#

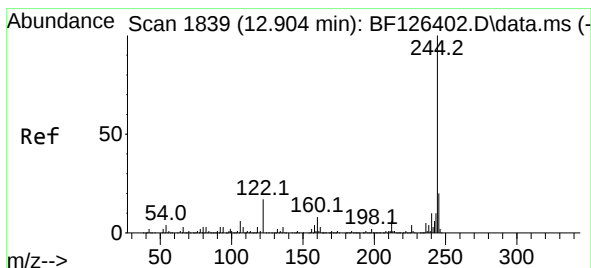
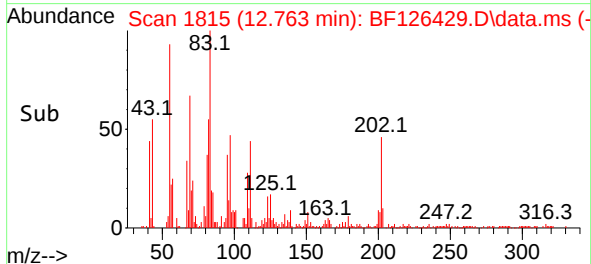
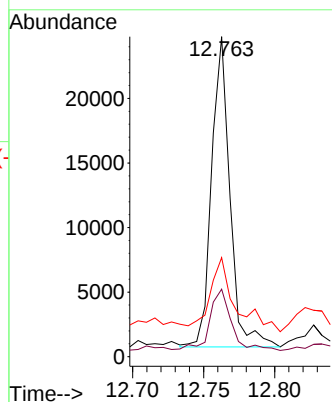
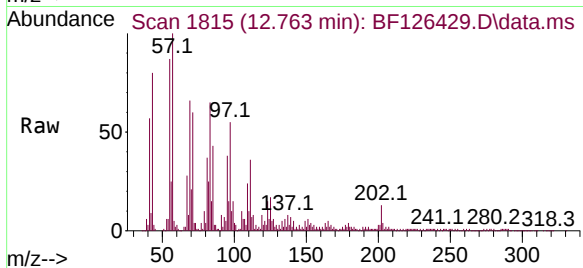




#78
 Pyrene
 Concen: 2.331 ng
 RT: 12.763 min Scan# 1815
 Delta R.T. 0.000 min
 Lab File: BF126429.D
 Acq: 30 Dec 2021 20:28

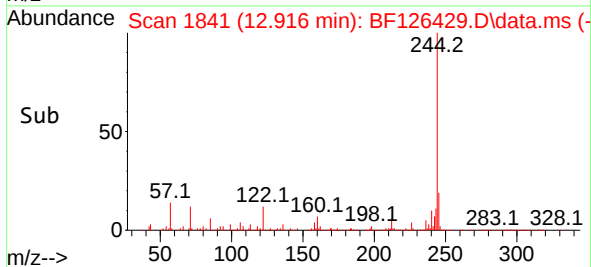
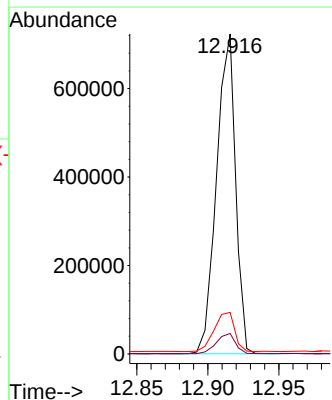
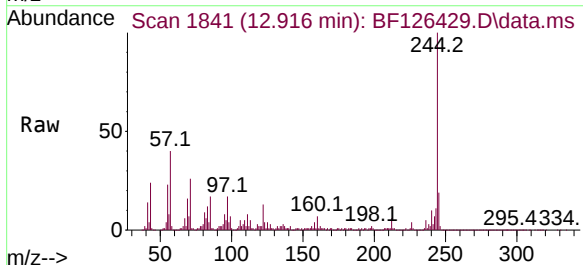
Instrument :
 BNA_F
 ClientSampleId :

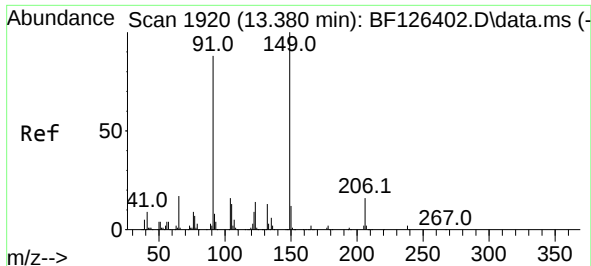
Tgt Ion:202 Resp: 21549
 Ion Ratio Lower Upper
 202 100
 200 21.1 16.6 24.8
 203 30.9 13.8 20.8#



#79
 Terphenyl-d14
 Concen: 119.418 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. 0.012 min
 Lab File: BF126429.D
 Acq: 30 Dec 2021 20:28

Tgt Ion:244 Resp: 672248
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 13.0 13.3 19.9#

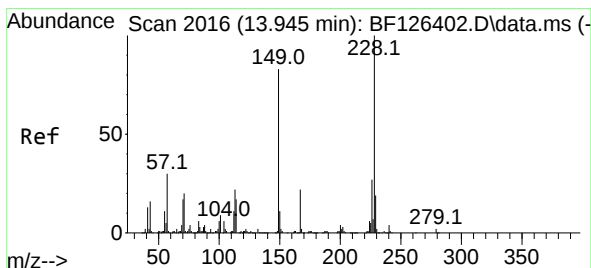
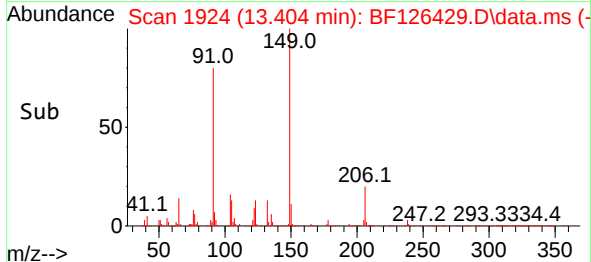
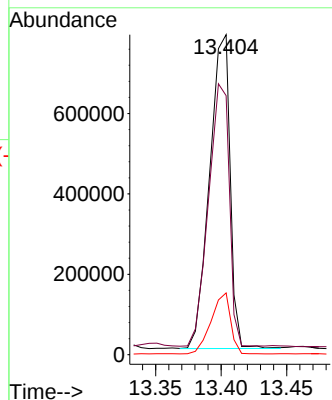
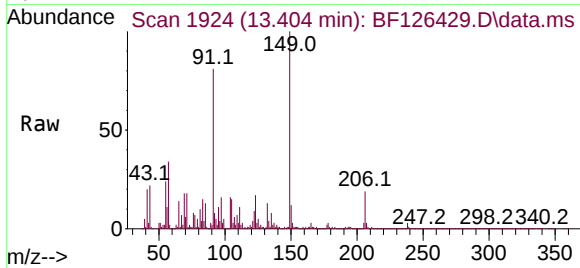




#80
Butylbenzylphthalate
Concen: 207.968 ng
RT: 13.404 min Scan# 1920
Delta R.T. 0.024 min
Lab File: BF126429.D
Acq: 30 Dec 2021 20:28

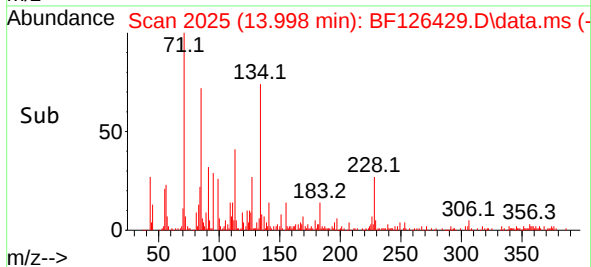
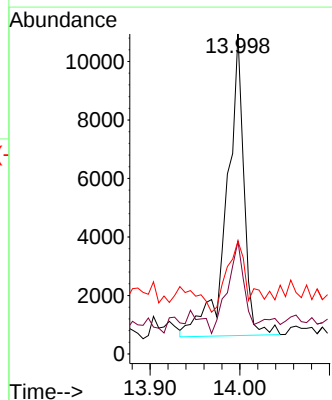
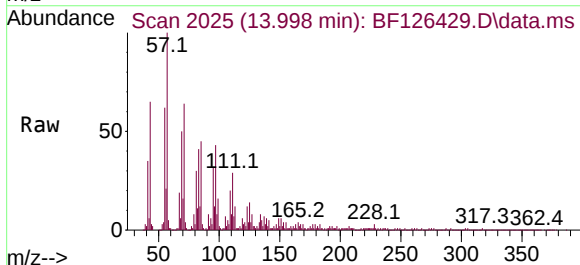
Instrument :
BNA_F
ClientSampleId :

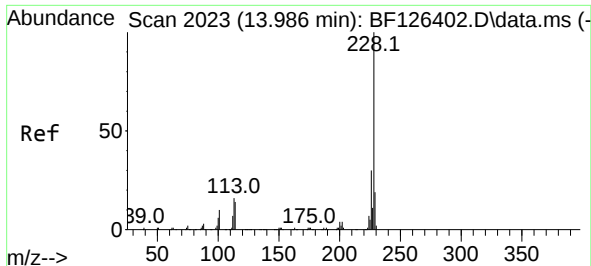
Tgt Ion:149 Resp: 851800
Ion Ratio Lower Upper
149 100
91 80.9 70.5 105.7
206 19.3 12.6 19.0#



#81
Benzo(a)anthracene
Concen: 2.202 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.053 min
Lab File: BF126429.D
Acq: 30 Dec 2021 20:28

Tgt Ion:228 Resp: 13850
Ion Ratio Lower Upper
228 100
226 35.2 21.4 32.0#
229 35.3 15.4 23.2#

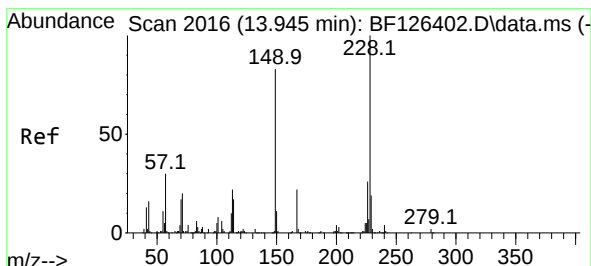
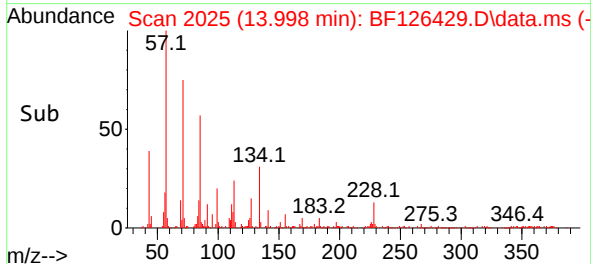
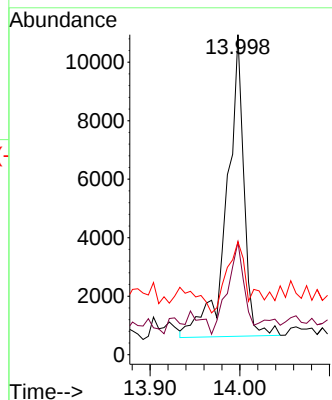
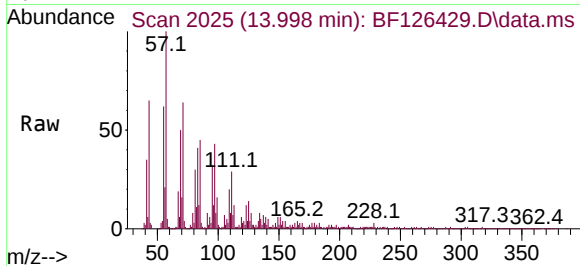




#83
Chrysene
Concen: 2.147 ng
RT: 13.998 min Scan# 2021
Delta R.T. 0.012 min
Lab File: BF126429.D
Acq: 30 Dec 2021 20:28

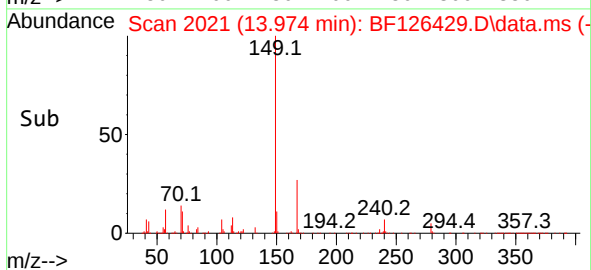
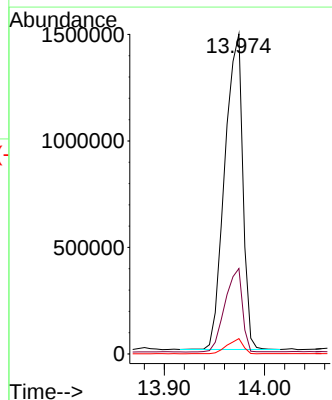
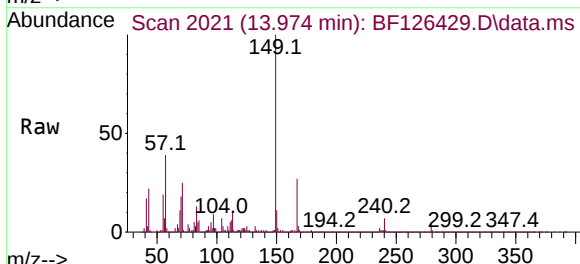
Instrument :
BNA_F
ClientSampleId :

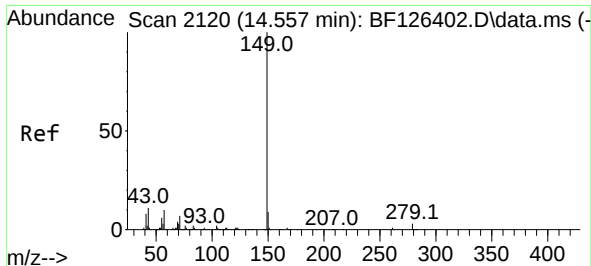
Tgt Ion:228 Resp: 13850
Ion Ratio Lower Upper
228 100
226 35.2 23.7 35.5
229 35.3 15.5 23.3#



#84
Bis(2-ethylhexyl)phthalate
Concen: 434.373 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.030 min
Lab File: BF126429.D
Acq: 30 Dec 2021 20:28

Tgt Ion:149 Resp: 1843785
Ion Ratio Lower Upper
149 100
167 26.7 21.4 32.2
279 4.8 2.4 3.6#

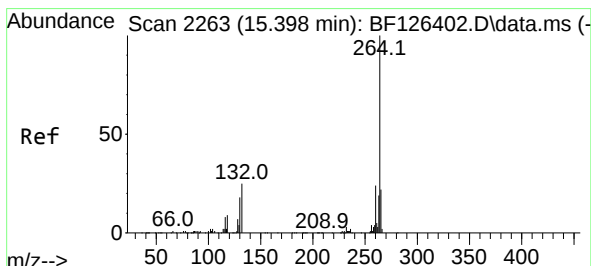
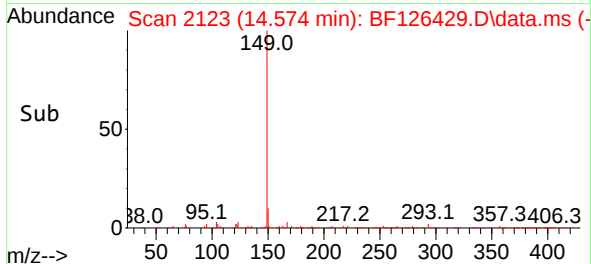
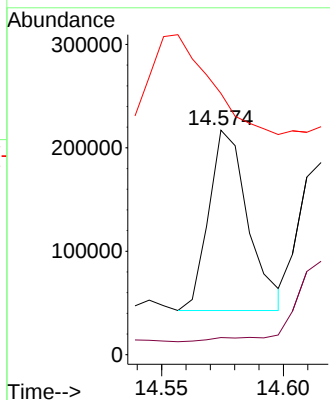
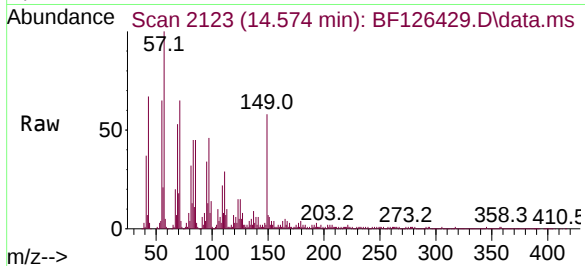




#85
Di-n-octyl phthalate
Concen: 26.677 ng
RT: 14.574 min Scan# 2120
Delta R.T. 0.018 min
Lab File: BF126429.D
Acq: 30 Dec 2021 20:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 196381
Ion Ratio Lower Upper
149 100
167 0.0 1.1 1.7#
43 96.4 9.9 14.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2268
Delta R.T. 0.030 min
Lab File: BF126429.D
Acq: 30 Dec 2021 20:28

Tgt Ion:264 Resp: 125153
Ion Ratio Lower Upper
264 100
260 24.4 19.2 28.8
265 21.9 17.4 26.2

