

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
 Data File : BF128608.D
 Acq On : 31 May 2022 22:03
 Operator : CG\JU
 Sample : N2951-25RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P036-SS002-0006-01

Quant Time: Jun 01 00:59:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 27 01:51:59 2022
 Response via : Initial Calibration

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

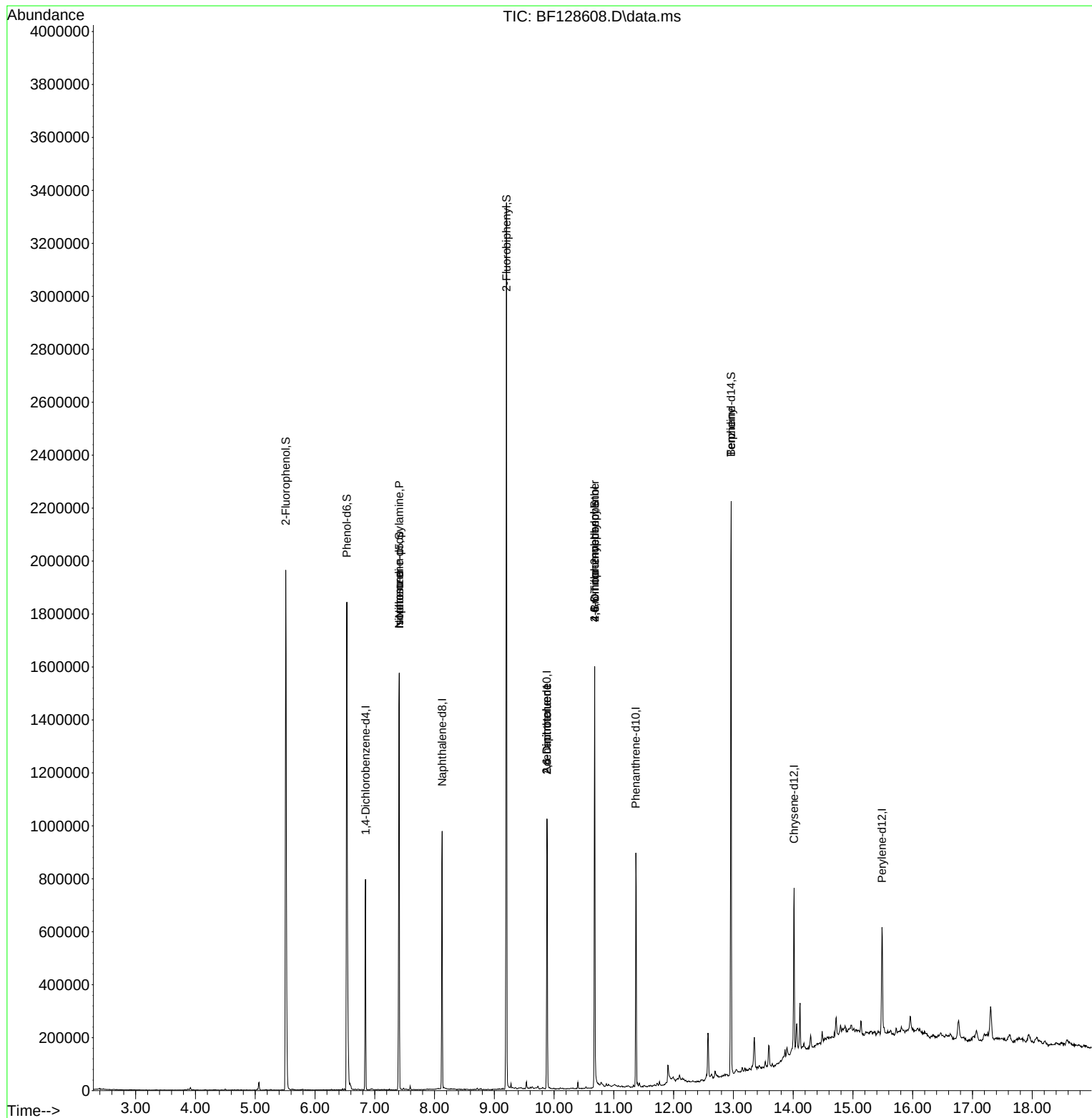
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	105147	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	394509	20.000	ng	# 0.00
39) Acenaphthene-d10	9.880	164	206742	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	321373	20.000	ng	0.00
76) Chrysene-d12	14.015	240	226471	20.000	ng	# 0.00
86) Perylene-d12	15.486	264	198338	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	557863	87.881	ng	0.06
7) Phenol-d6	6.534	99	702384	86.781	ng	0.06
23) Nitrobenzene-d5	7.410	82	487985	71.357	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	175228	89.046	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	957080	75.210	ng	0.00
79) Terphenyl-d14	12.963	244	738473	62.997	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.392	77	175	Below Cal	#	81
19) n-Nitroso-di-n-propyla...	7.410	70	71387	14.385	ng	# 77
25) Isophorone	7.410	82	486289	38.547	ng	# 65
51) 2,6-Dinitrotoluene	9.880	165	26961	10.970	ng	# 26
57) 2,4-Dinitrotoluene	9.880	165	26961	9.169	ng	# 22
65) 4,6-Dinitro-2-methylph...	10.680	198	363	5.718	ng	# 1
67) 4-Bromophenyl-phenylether	10.680	248	11348	3.418	ng	# 1
77) Benzidine	12.963	184	11580	2.217	ng	95

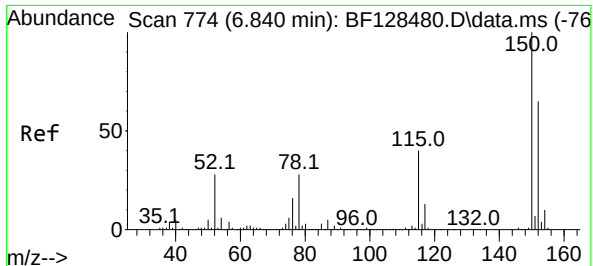
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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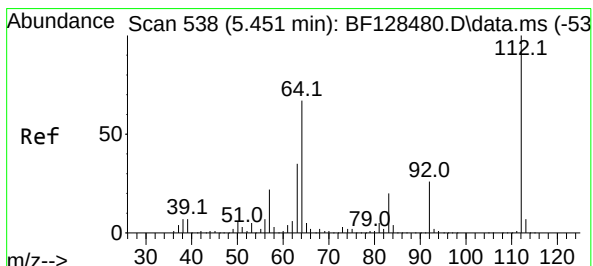
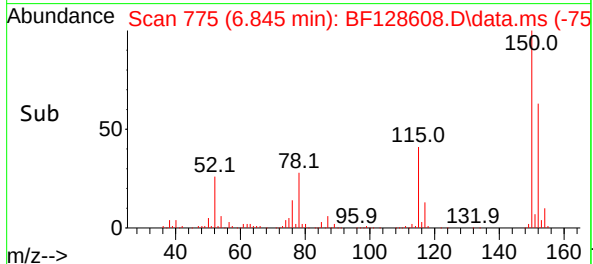
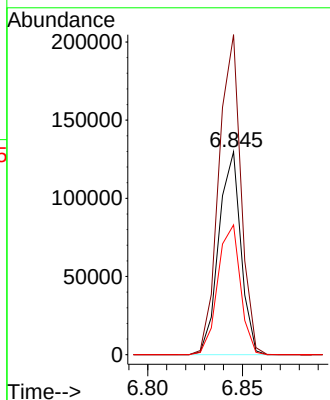
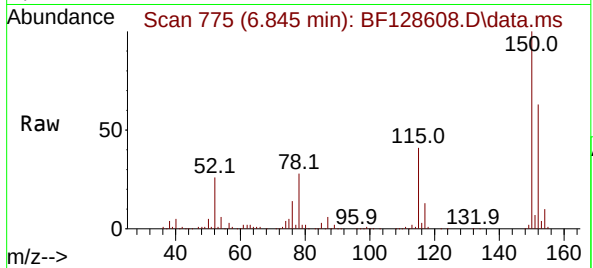




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. 0.005 min
Lab File: BF128608.D
Acq: 31 May 2022 22:03

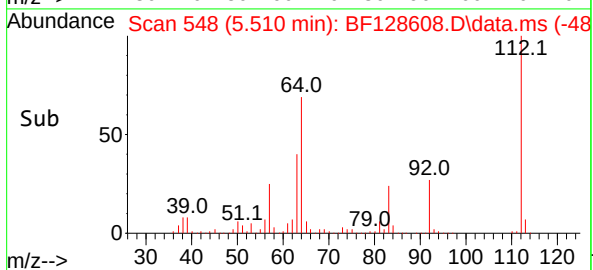
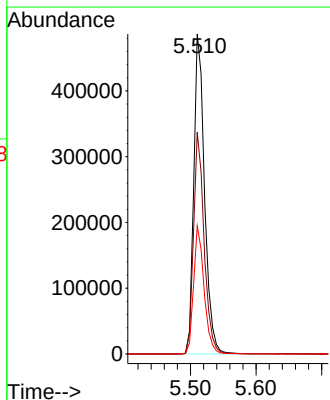
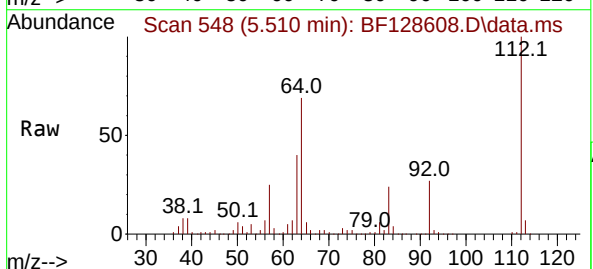
Instrument :
BNA_F
ClientSampleId :
P036-SS002-0006-01

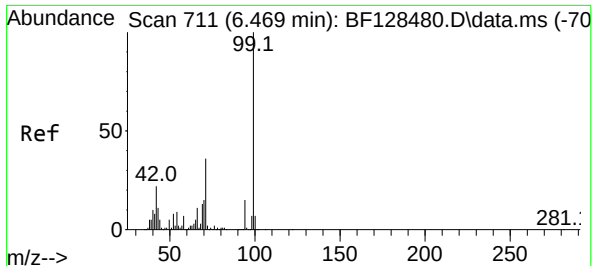
Tgt Ion:152 Resp: 105147
Ion Ratio Lower Upper
152 100
150 157.7 123.7 185.5
115 63.9 49.9 74.9



#5
2-Fluorophenol
Concen: 87.881 ng
RT: 5.510 min Scan# 548
Delta R.T. 0.059 min
Lab File: BF128608.D
Acq: 31 May 2022 22:03

Tgt Ion:112 Resp: 557863
Ion Ratio Lower Upper
112 100
64 69.2 53.3 79.9
63 40.0 28.0 42.0

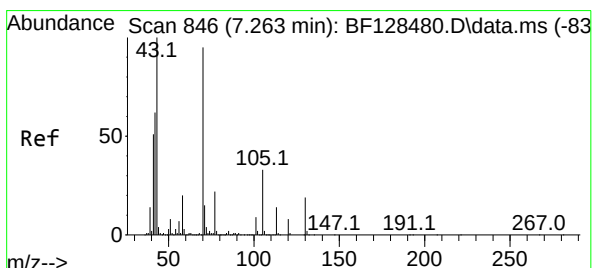
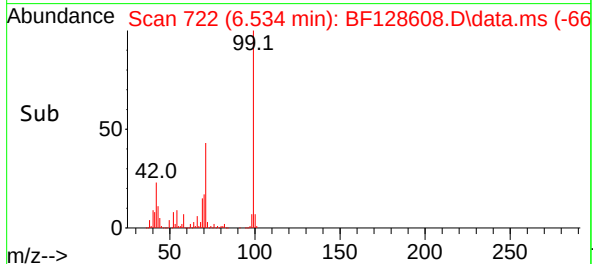
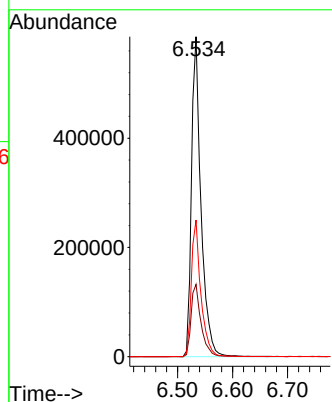
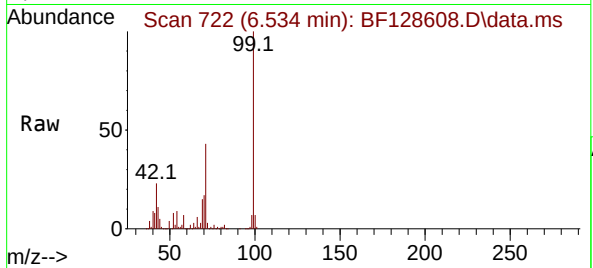




#7
Phenol-d6
Concen: 86.781 ng
RT: 6.534 min Scan# 711
Delta R.T. 0.065 min
Lab File: BF128608.D
Acq: 31 May 2022 22:03

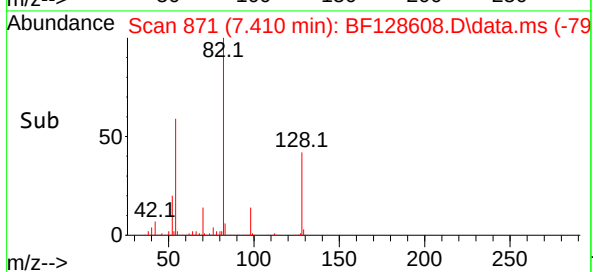
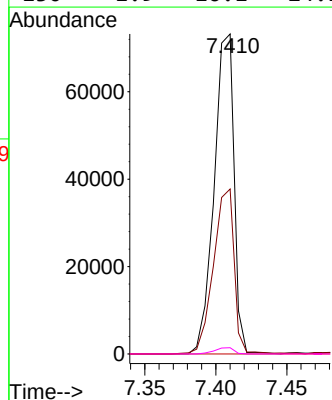
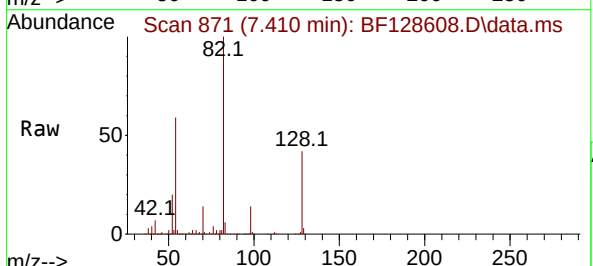
Instrument :
BNA_F
ClientSampleId :
P036-SS002-0006-01

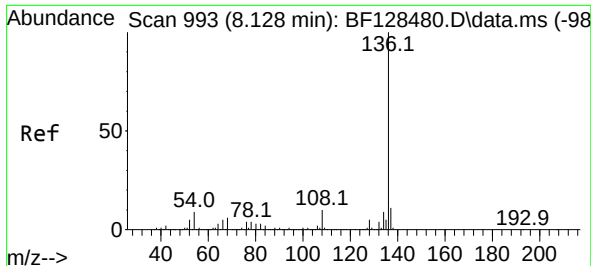
Tgt Ion: 99 Resp: 702384
Ion Ratio Lower Upper
99 100
42 22.6 17.3 25.9
71 42.7 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.385 ng
RT: 7.410 min Scan# 871
Delta R.T. 0.147 min
Lab File: BF128608.D
Acq: 31 May 2022 22:03

Tgt Ion: 70 Resp: 71387
Ion Ratio Lower Upper
70 100
42 51.6 52.3 78.5#
101 0.0 7.5 11.3#
130 1.9 16.1 24.1#

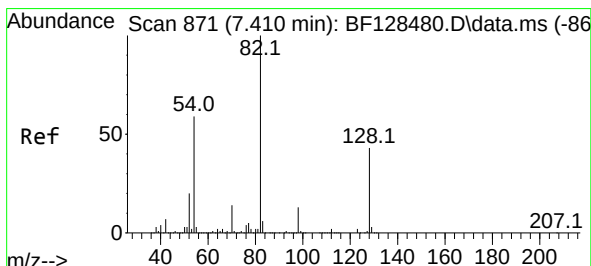
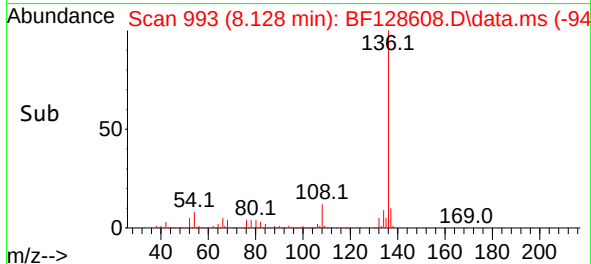
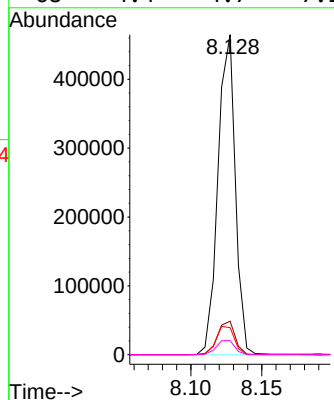
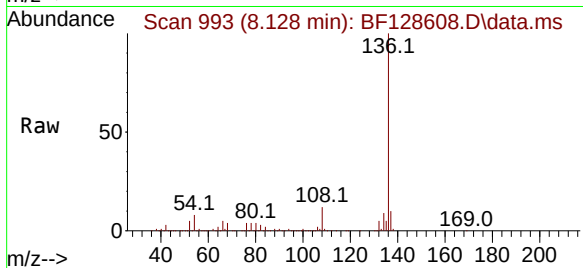




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.000 min
Lab File: BF128608.D
Acq: 31 May 2022 22:03

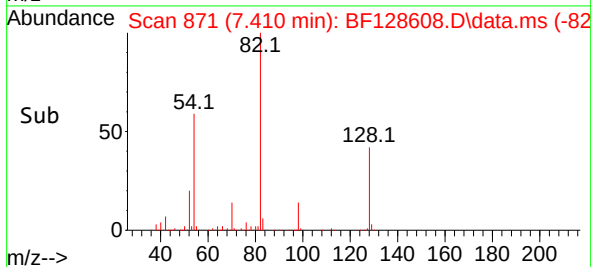
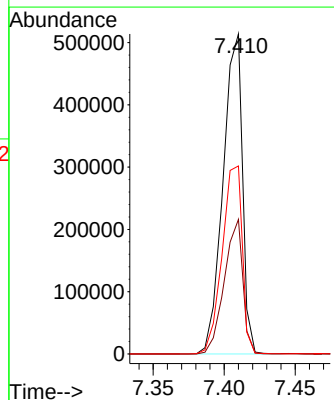
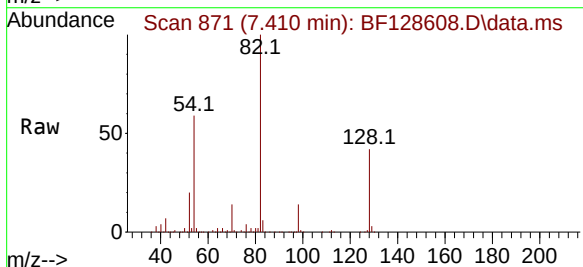
Instrument :
BNA_F
ClientSampleId :
P036-SS002-0006-01

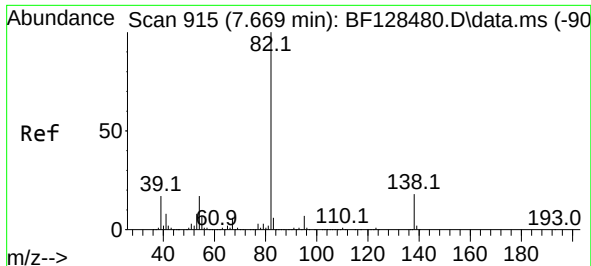
Tgt Ion:	136	Resp:	394509
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	8.5	7.5	11.3
68	4.4	4.7	7.1



#23
Nitrobenzene-d5
Concen: 71.357 ng
RT: 7.410 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF128608.D
Acq: 31 May 2022 22:03

Tgt Ion:	82	Resp:	487985
Ion	Ratio	Lower	Upper
82	100		
128	42.1	34.0	51.0
54	58.8	46.9	70.3

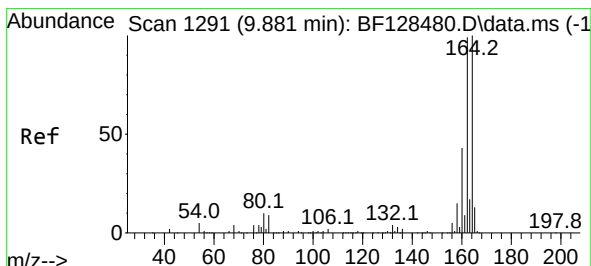
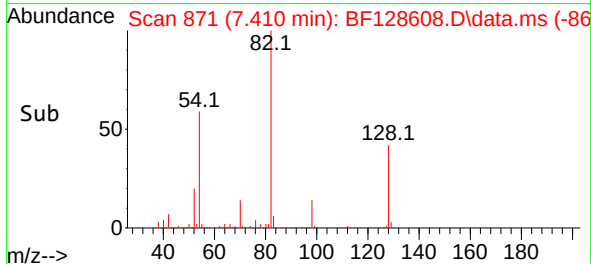
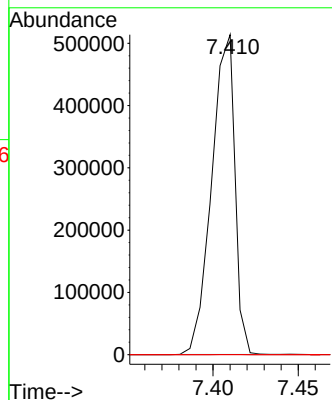
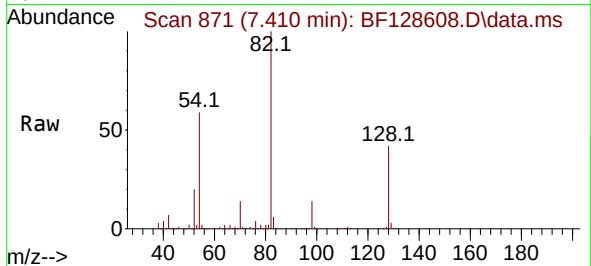




#25
Isophorone
Concen: 38.547 ng
RT: 7.410 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF128608.D
Acq: 31 May 2022 22:03

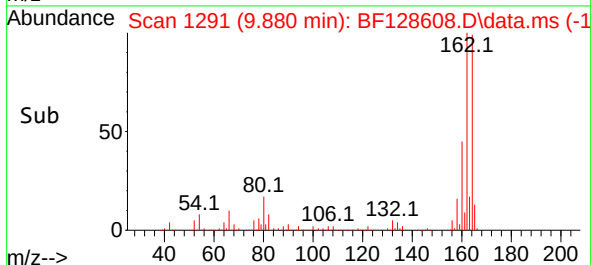
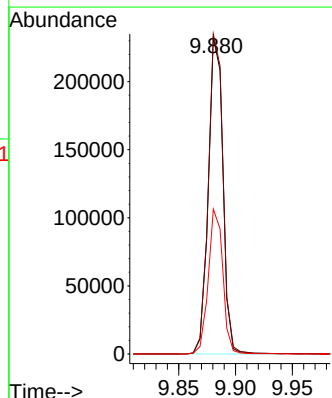
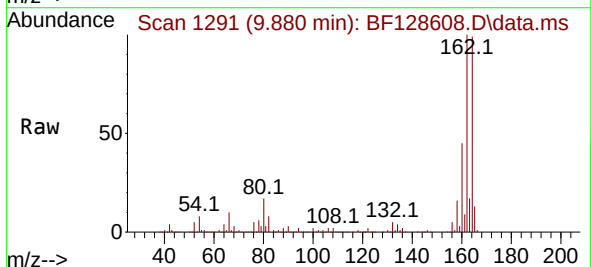
Instrument :
BNA_F
ClientSampleId :
P036-SS002-0006-01

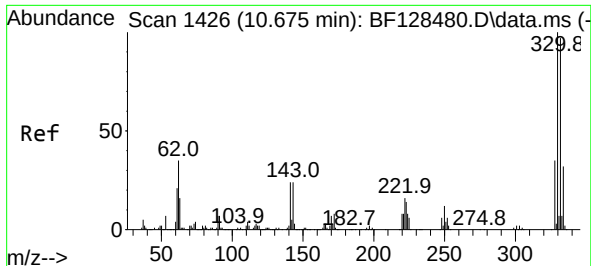
Tgt Ion: 82 Resp: 486289
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1291
Delta R.T. -0.001 min
Lab File: BF128608.D
Acq: 31 May 2022 22:03

Tgt Ion: 164 Resp: 206742
Ion Ratio Lower Upper
164 100
162 101.0 79.5 119.3
160 45.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 89.046 ng

RT: 10.680 min Scan# 1426

Delta R.T. 0.006 min

Lab File: BF128608.D

Acq: 31 May 2022 22:03

Instrument :

BNA_F

ClientSampleId :

P036-SS002-0006-01

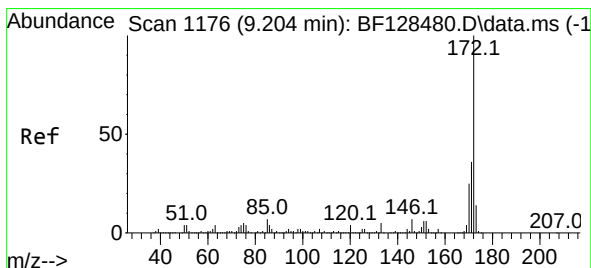
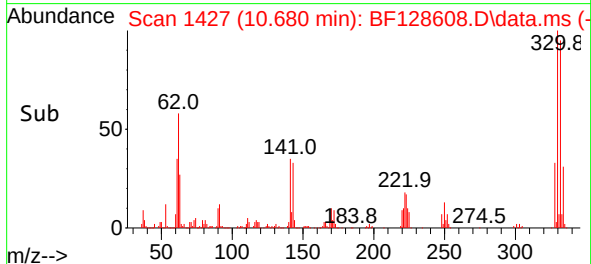
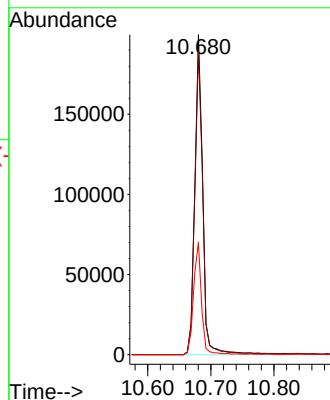
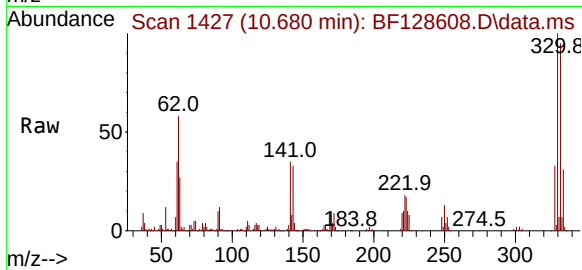
Tgt Ion:330 Resp: 175228

Ion Ratio Lower Upper

330 100

332 95.5 76.8 115.2

141 35.4 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 75.210 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF128608.D

Acq: 31 May 2022 22:03

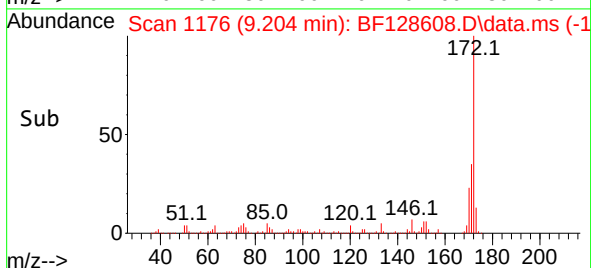
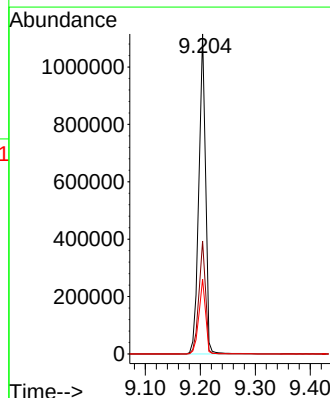
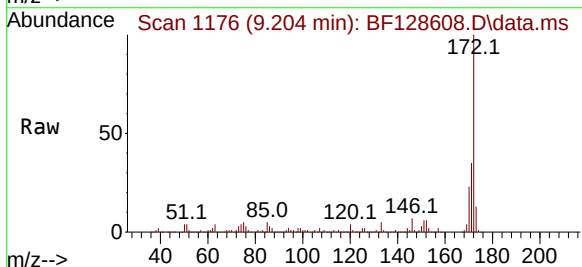
Tgt Ion:172 Resp: 957080

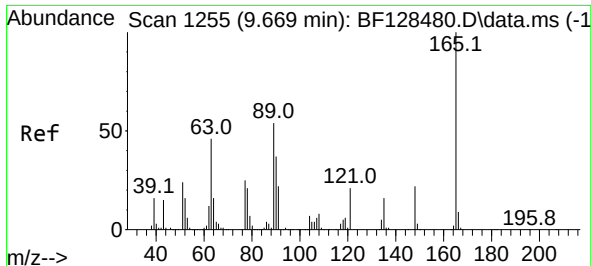
Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.4 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 10.970 ng

RT: 9.880 min Scan# 1291

Delta R.T. 0.212 min

Lab File: BF128608.D

Acq: 31 May 2022 22:03

Instrument :

BNA_F

ClientSampleId :

P036-SS002-0006-01

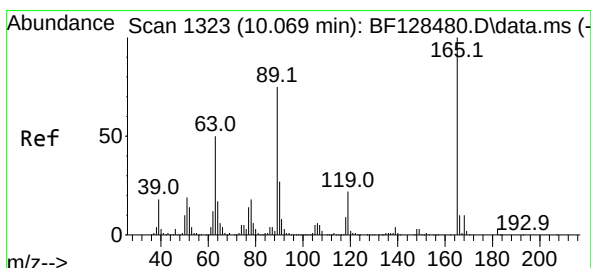
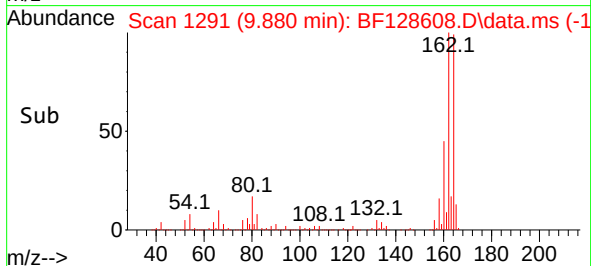
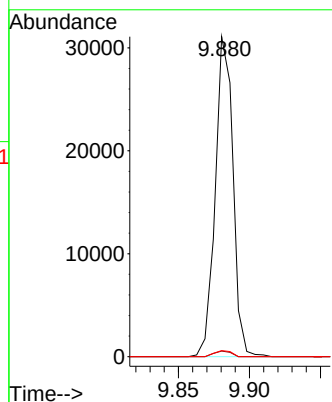
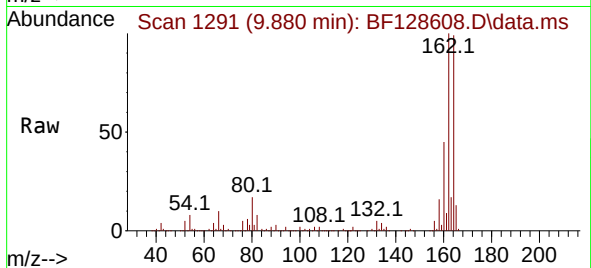
Tgt Ion:165 Resp: 26961

Ion Ratio Lower Upper

165 100

63 1.7 44.9 67.3#

89 1.9 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 9.169 ng

RT: 9.880 min Scan# 1291

Delta R.T. -0.188 min

Lab File: BF128608.D

Acq: 31 May 2022 22:03

Tgt Ion:165 Resp: 26961

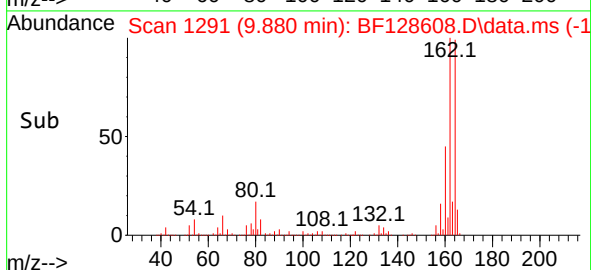
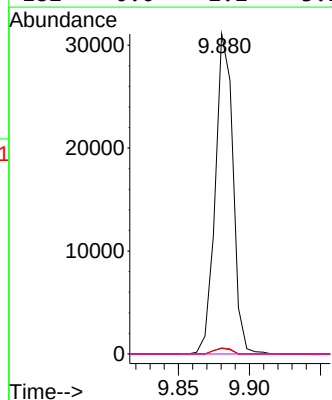
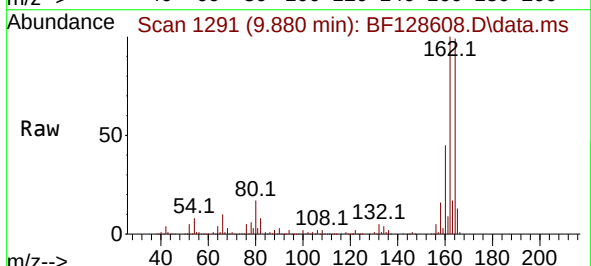
Ion Ratio Lower Upper

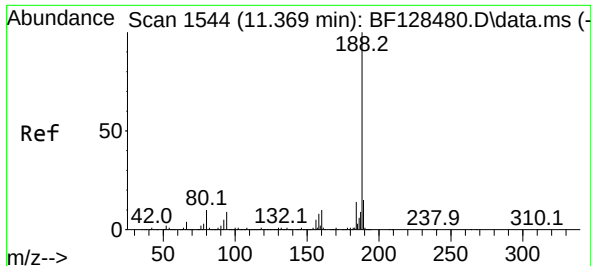
165 100

63 1.7 39.8 59.6#

89 1.9 60.2 90.2#

182 0.0 2.2 3.2#

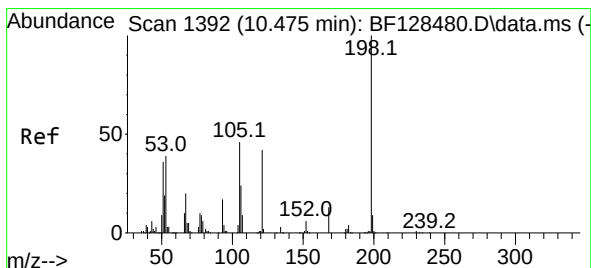
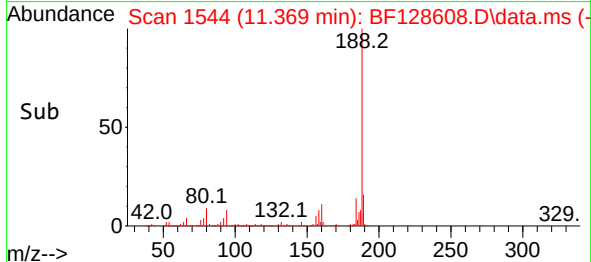
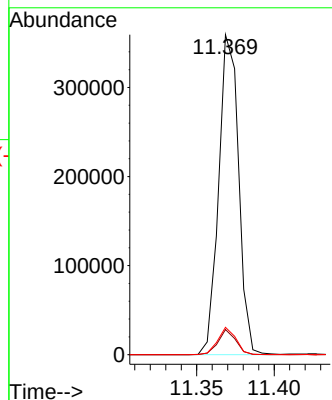
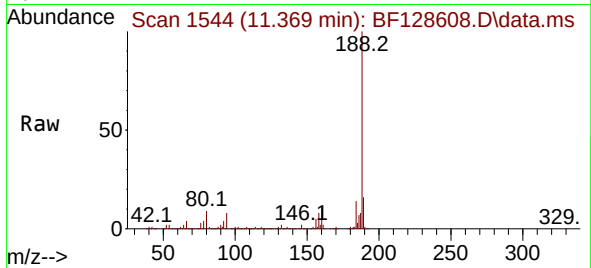




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128608.D
Acq: 31 May 2022 22:03

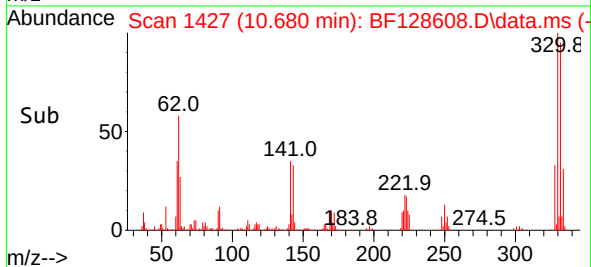
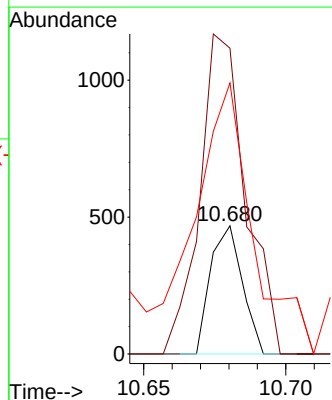
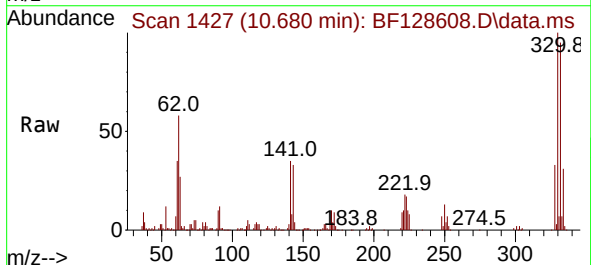
Instrument :
BNA_F
ClientSampleId :
P036-SS002-0006-01

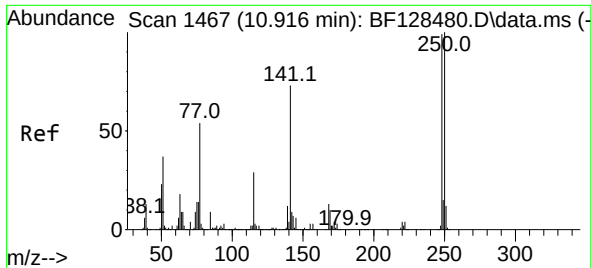
Tgt Ion:188 Resp: 321373
Ion Ratio Lower Upper
188 100
94 7.8 7.0 10.6
80 8.6 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.718 ng
RT: 10.680 min Scan# 1427
Delta R.T. 0.205 min
Lab File: BF128608.D
Acq: 31 May 2022 22:03

Tgt Ion:198 Resp: 363
Ion Ratio Lower Upper
198 100
51 238.7 37.6 77.6#
105 211.5 27.0 67.0#

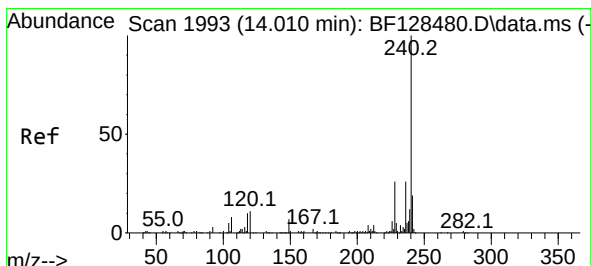
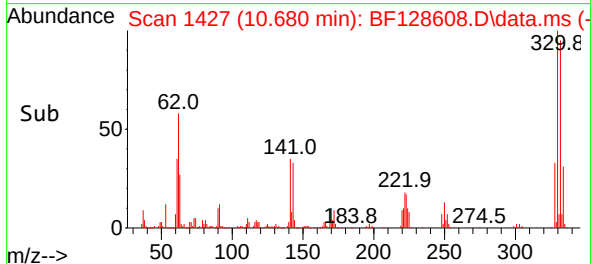
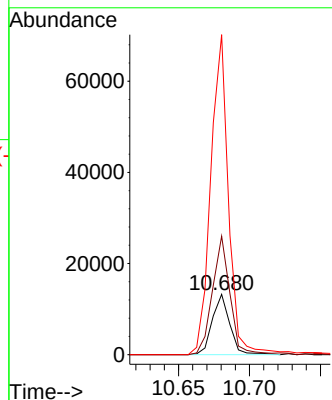
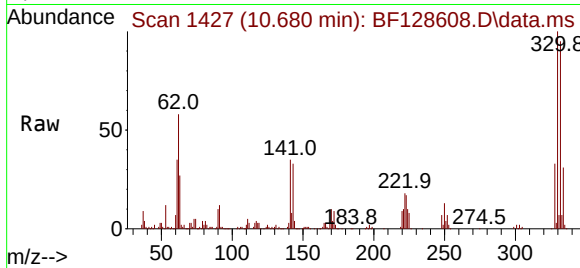




#67
4-Bromophenyl-phenylether
Concen: 3.418 ng
RT: 10.680 min Scan# 1467
Delta R.T. -0.236 min
Lab File: BF128608.D
Acq: 31 May 2022 22:03

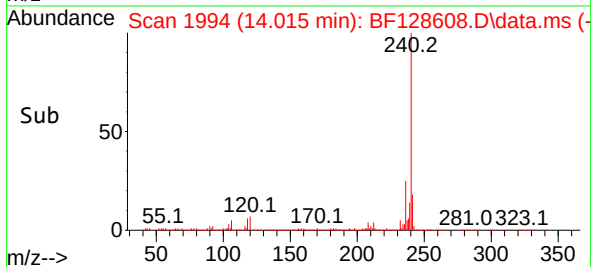
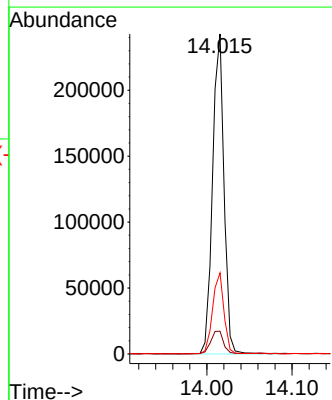
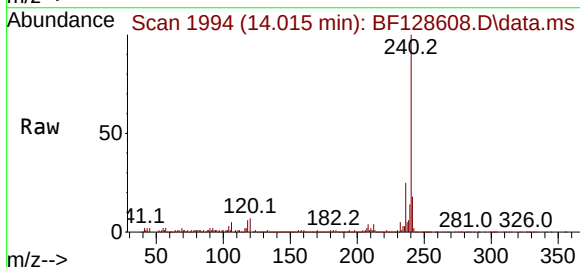
Instrument :
BNA_F
ClientSampleId :
P036-SS002-0006-01

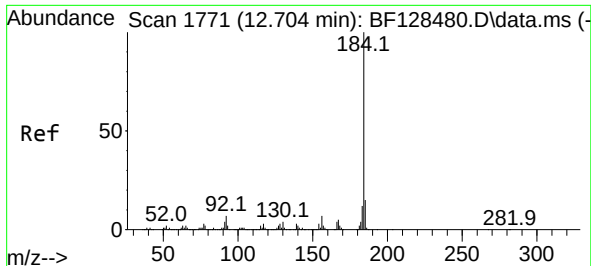
Tgt Ion:248 Resp: 11348
Ion Ratio Lower Upper
248 100
250 196.8 80.6 120.8#
141 531.0 58.9 88.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. 0.006 min
Lab File: BF128608.D
Acq: 31 May 2022 22:03

Tgt Ion:240 Resp: 226471
Ion Ratio Lower Upper
240 100
120 7.1 8.9 13.3#
236 25.3 20.8 31.2

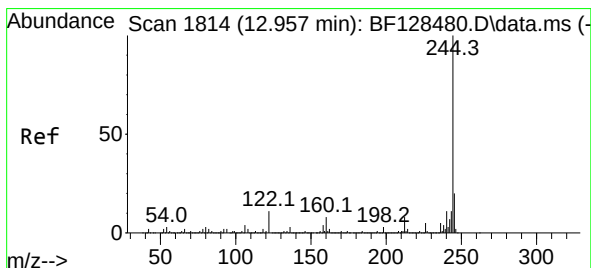
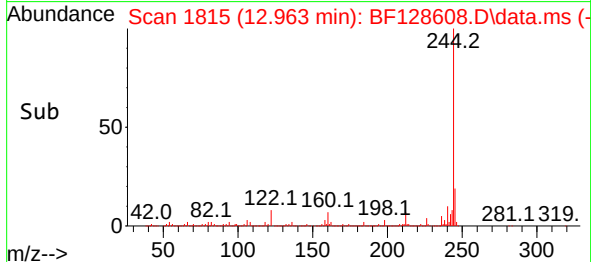
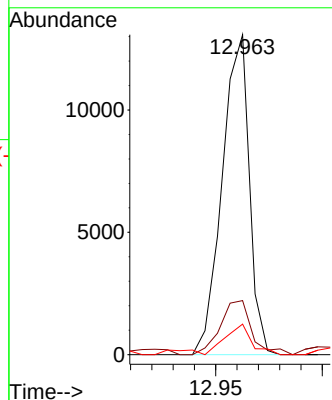
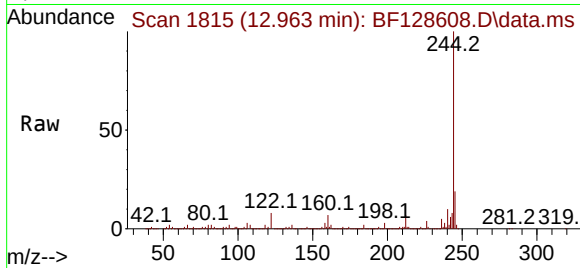




#77
Benzidine
Concen: 2.217 ng
RT: 12.963 min Scan# 1815
Delta R.T. 0.259 min
Lab File: BF128608.D
Acq: 31 May 2022 22:03

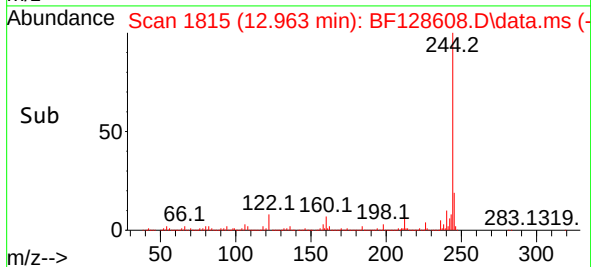
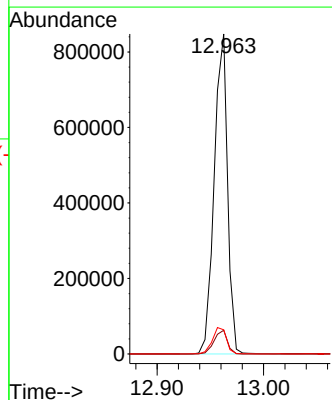
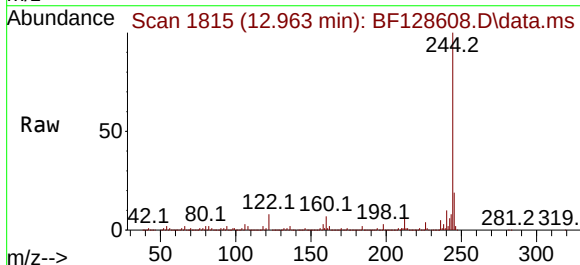
Instrument :
BNA_F
ClientSampleId :
P036-SS002-0006-01

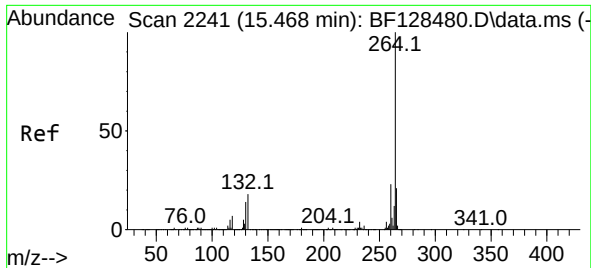
Tgt Ion:184 Resp: 11580
Ion Ratio Lower Upper
184 100
185 16.9 11.9 17.9
183 9.6 9.3 13.9



#79
Terphenyl-d14
Concen: 62.997 ng
RT: 12.963 min Scan# 1815
Delta R.T. 0.006 min
Lab File: BF128608.D
Acq: 31 May 2022 22:03

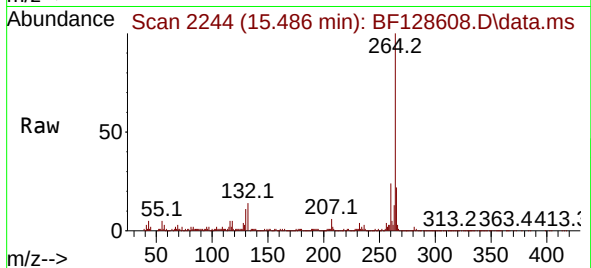
Tgt Ion:244 Resp: 738473
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 7.5 8.8 13.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.486 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF128608.D
Acq: 31 May 2022 22:03

Instrument :
BNA_F
ClientSampleId :
P036-SS002-0006-01



Tgt Ion:264 Resp: 198338
Ion Ratio Lower Upper
264 100
260 23.9 18.4 27.6
265 22.0 17.2 25.8

