

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
 Data File : BF128613.D
 Acq On : 01 Jun 2022 00:36
 Operator : CG\JU
 Sample : N2952-30
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P043-SS001-0612-02

Quant Time: Jun 01 02:18:53 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)

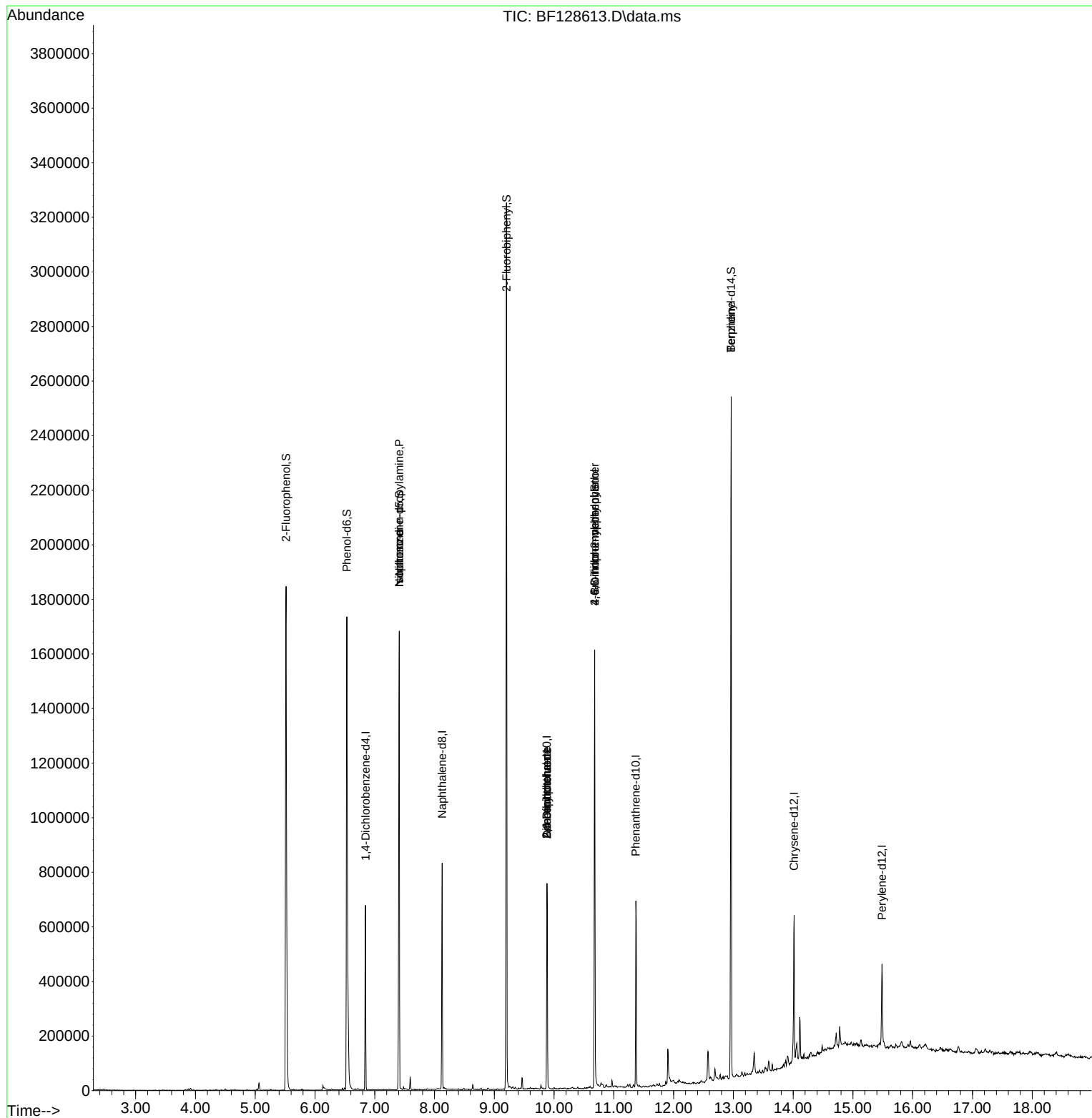
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	90187	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	308583	20.000	ng	# 0.00
39) Acenaphthene-d10	9.880	164	151178	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	251531	20.000	ng	0.00
76) Chrysene-d12	14.015	240	186908	20.000	ng	# 0.00
86) Perylene-d12	15.486	264	141092	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	582523	106.988	ng	0.06
7) Phenol-d6	6.534	99	700944	100.968	ng	0.06
23) Nitrobenzene-d5	7.410	82	501969	93.841	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	175144	121.716	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	895152	96.198	ng	0.00
79) Terphenyl-d14	12.963	244	834007	86.206	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.404	77	66	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.410	70	72085	16.935	ng	# 75
25) Isophorone	7.410	82	500344	50.705	ng	# 65
50) Dimethylphthalate	9.880	163	24802	2.529	ng	# 1
51) 2,6-Dinitrotoluene	9.880	165	18870	10.500	ng	# 26
57) 2,4-Dinitrotoluene	9.880	165	18870	8.776	ng	# 22
65) 4,6-Dinitro-2-methylph...	10.680	198	499	5.882	ng	# 1
67) 4-Bromophenyl-phenylether	10.680	248	11530	4.437	ng	# 1
77) Benzidine	12.963	184	12426	2.882	ng	# 90

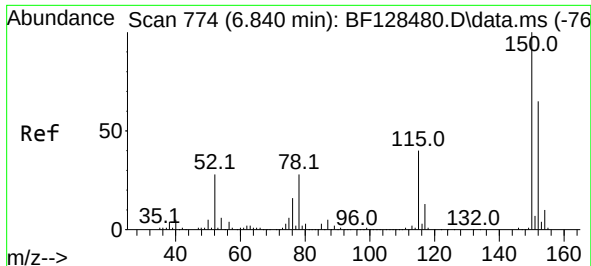
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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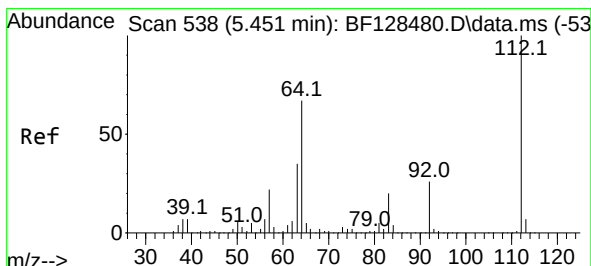
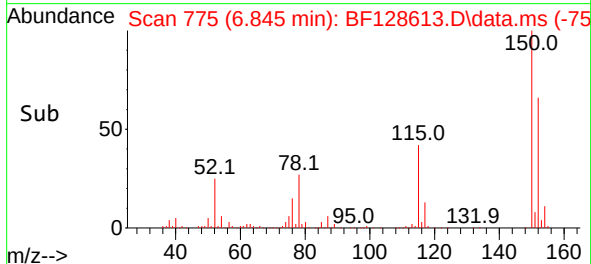
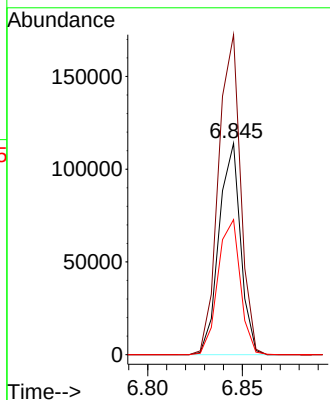
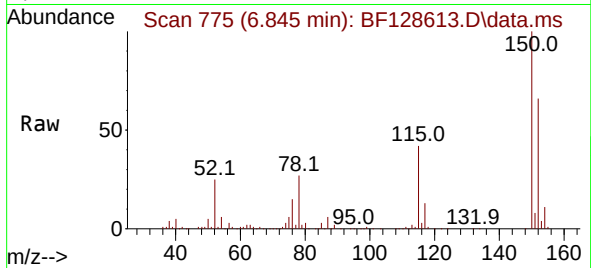




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. 0.005 min
Lab File: BF128613.D
Acq: 01 Jun 2022 00:36

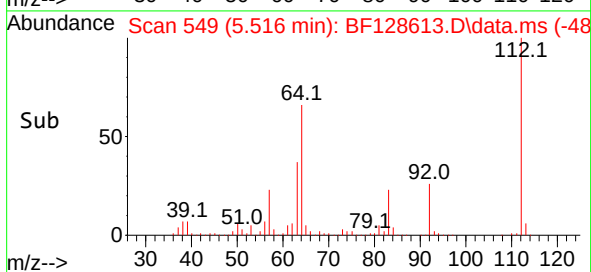
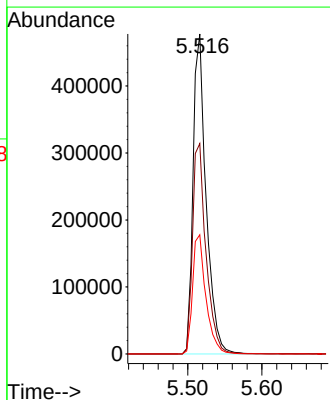
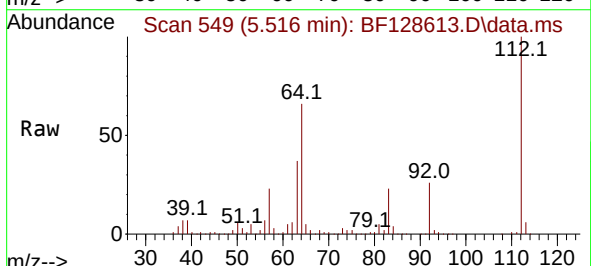
Instrument :
BNA_F
ClientSampleId :
P043-SS001-0612-02

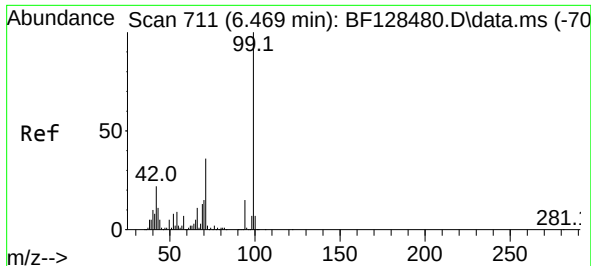
Tgt Ion:152 Resp: 90187
Ion Ratio Lower Upper
152 100
150 151.4 123.7 185.5
115 63.9 49.9 74.9



#5
2-Fluorophenol
Concen: 106.988 ng
RT: 5.516 min Scan# 549
Delta R.T. 0.065 min
Lab File: BF128613.D
Acq: 01 Jun 2022 00:36

Tgt Ion:112 Resp: 582523
Ion Ratio Lower Upper
112 100
64 65.8 53.3 79.9
63 37.2 28.0 42.0

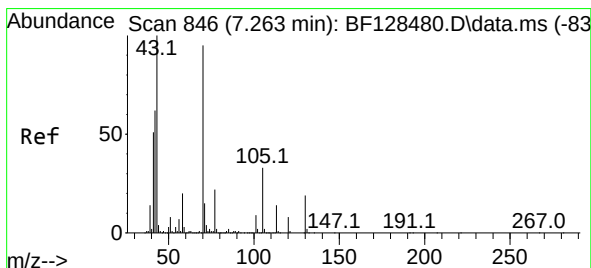
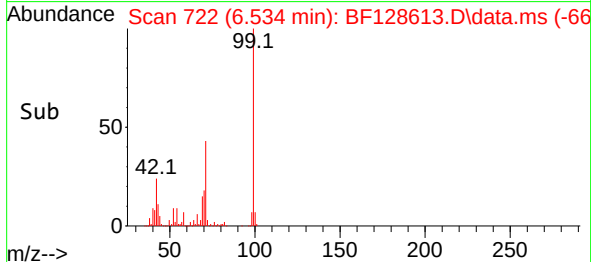
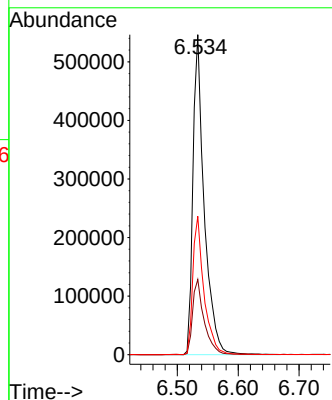
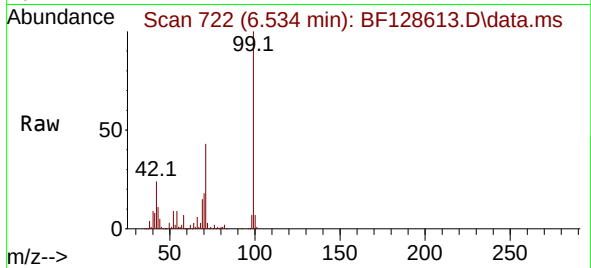




#7
Phenol-d6
Concen: 100.968 ng
RT: 6.534 min Scan# 711
Delta R.T. 0.065 min
Lab File: BF128613.D
Acq: 01 Jun 2022 00:36

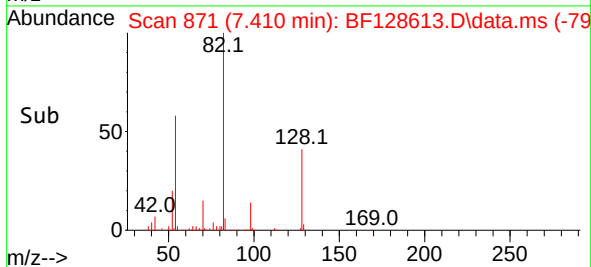
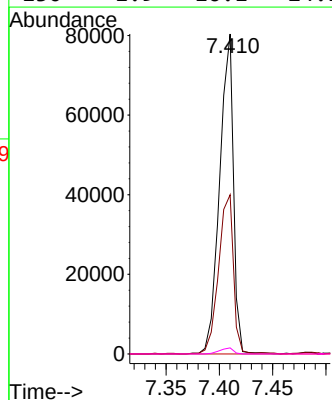
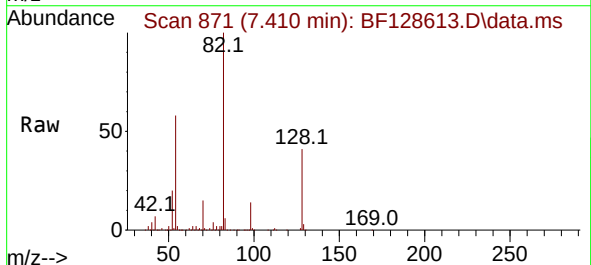
Instrument :
BNA_F
ClientSampleId :
P043-SS001-0612-02

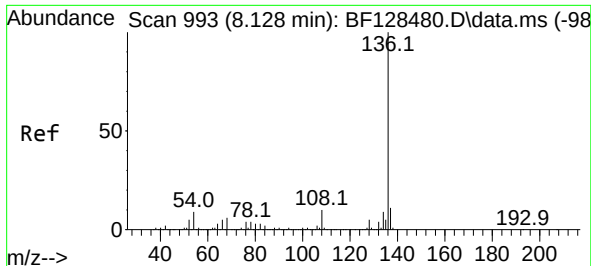
Tgt Ion: 99 Resp: 700944
Ion Ratio Lower Upper
99 100
42 23.5 17.3 25.9
71 43.2 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.935 ng
RT: 7.410 min Scan# 871
Delta R.T. 0.147 min
Lab File: BF128613.D
Acq: 01 Jun 2022 00:36

Tgt Ion: 70 Resp: 72085
Ion Ratio Lower Upper
70 100
42 49.7 52.3 78.5#
101 0.0 7.5 11.3#
130 1.9 16.1 24.1#

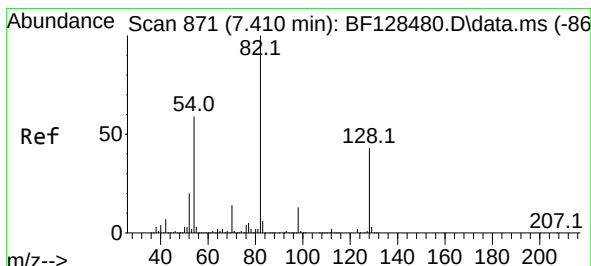
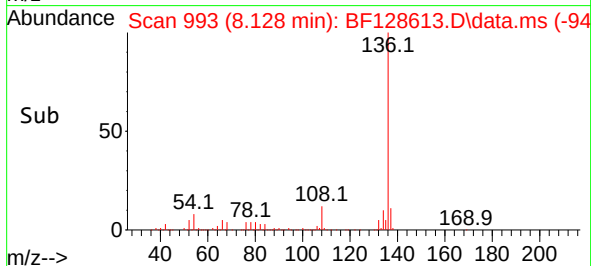
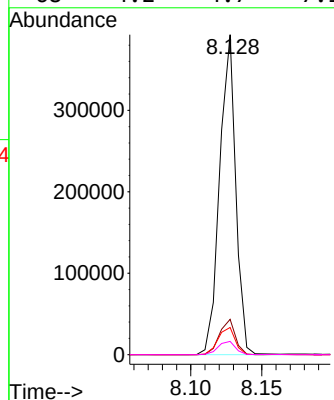
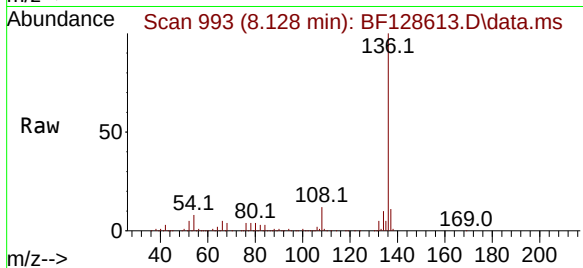




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.000 min
Lab File: BF128613.D
Acq: 01 Jun 2022 00:36

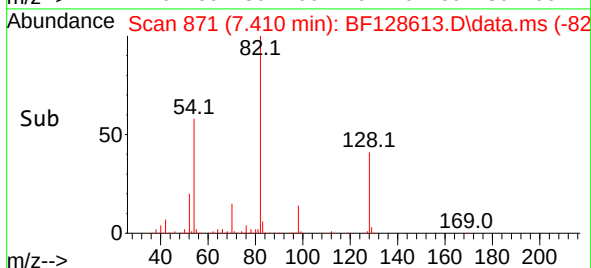
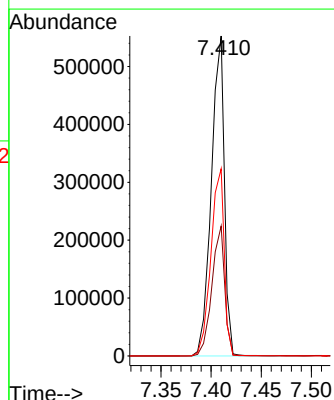
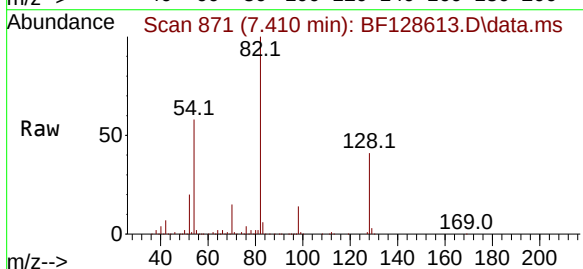
Instrument :
BNA_F
ClientSampleId :
P043-SS001-0612-02

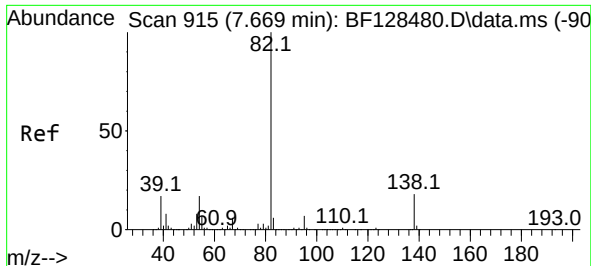
Tgt Ion:136 Resp: 308583
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.5 7.5 11.3
68 4.2 4.7 7.1#



#23
Nitrobenzene-d5
Concen: 93.841 ng
RT: 7.410 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF128613.D
Acq: 01 Jun 2022 00:36

Tgt Ion: 82 Resp: 501969
Ion Ratio Lower Upper
82 100
128 40.6 34.0 51.0
54 58.5 46.9 70.3

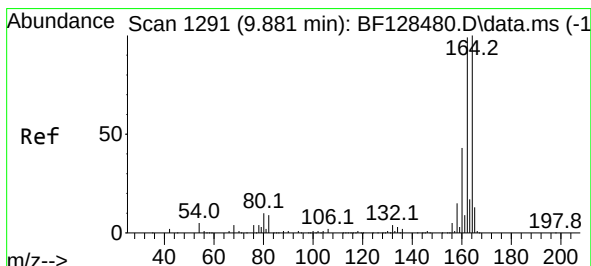
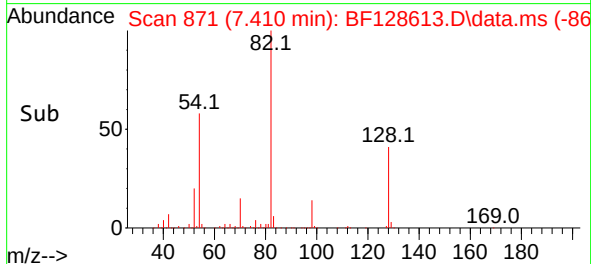
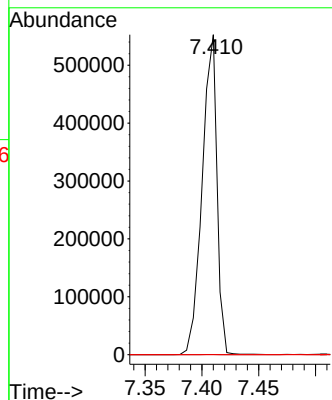
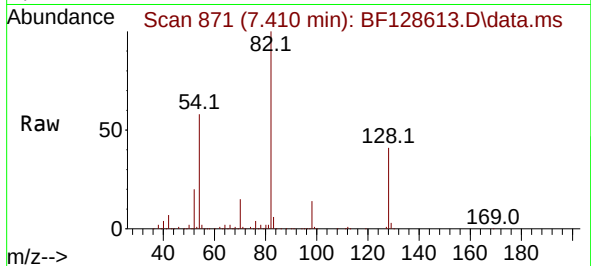




#25
Isophorone
Concen: 50.705 ng
RT: 7.410 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF128613.D
Acq: 01 Jun 2022 00:36

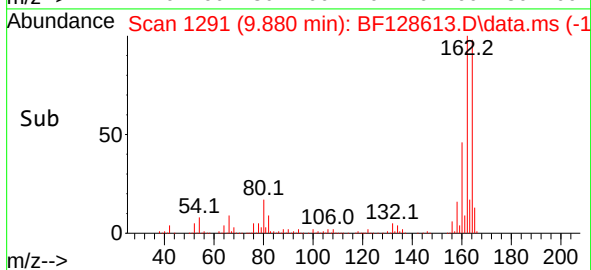
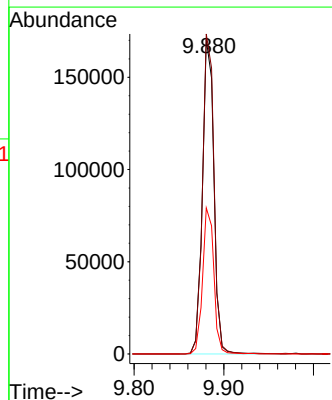
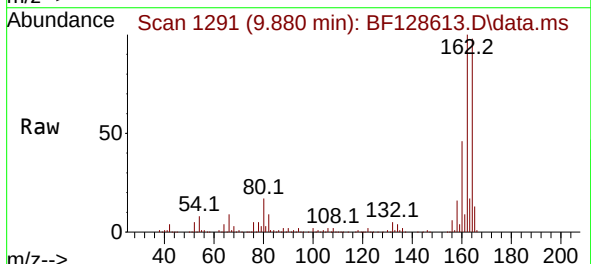
Instrument :
BNA_F
ClientSampleId :
P043-SS001-0612-02

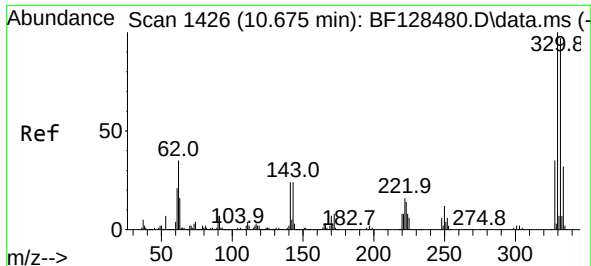
Tgt Ion: 82 Resp: 500344
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1291
Delta R.T. -0.001 min
Lab File: BF128613.D
Acq: 01 Jun 2022 00:36

Tgt Ion: 164 Resp: 151178
Ion Ratio Lower Upper
164 100
162 101.8 79.5 119.3
160 46.5 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 121.716 ng

RT: 10.680 min Scan# 1426

Delta R.T. 0.006 min

Lab File: BF128613.D

Acq: 01 Jun 2022 00:36

Instrument :

BNA_F

ClientSampleId :

P043-SS001-0612-02

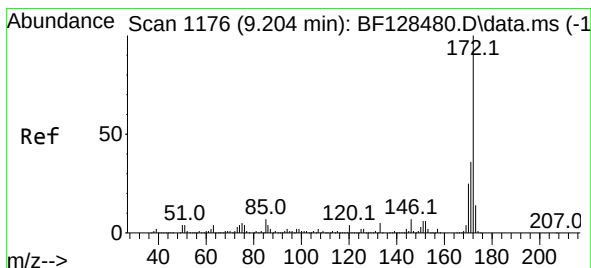
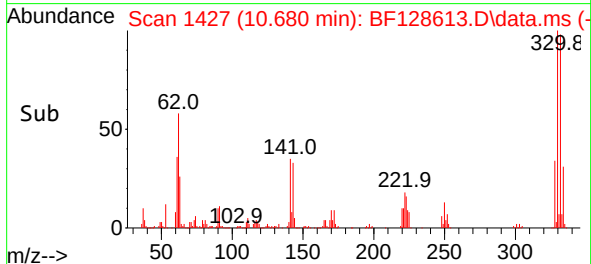
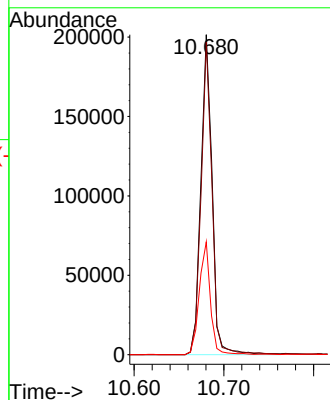
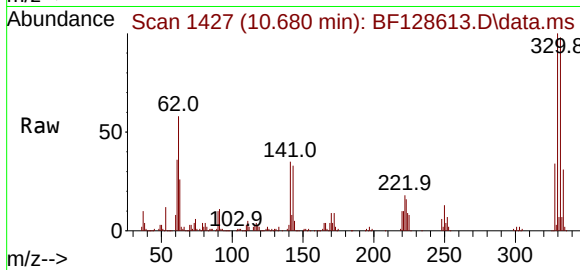
Tgt Ion:330 Resp: 175144

Ion Ratio Lower Upper

330 100

332 95.1 76.8 115.2

141 35.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 96.198 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF128613.D

Acq: 01 Jun 2022 00:36

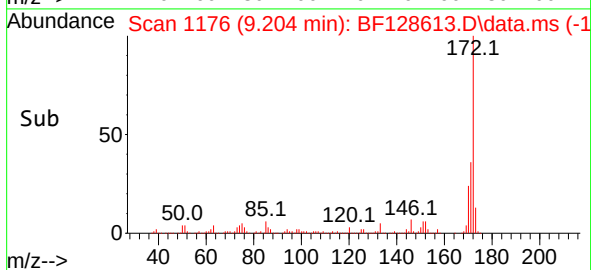
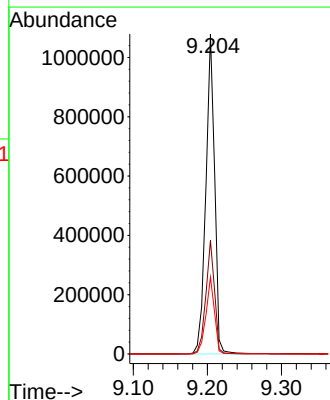
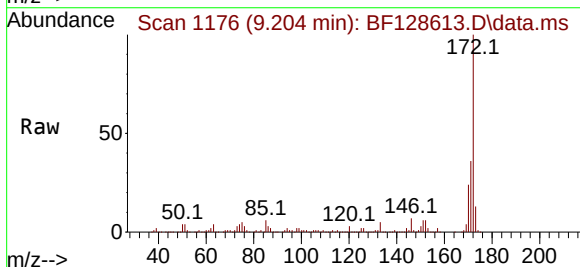
Tgt Ion:172 Resp: 895152

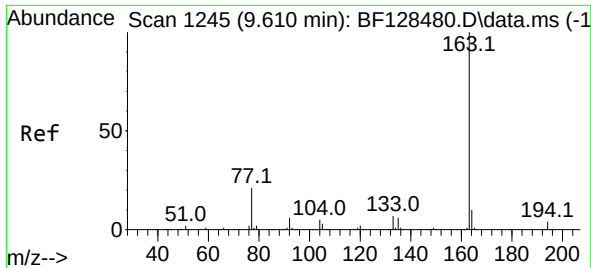
Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 24.0 19.8 29.8

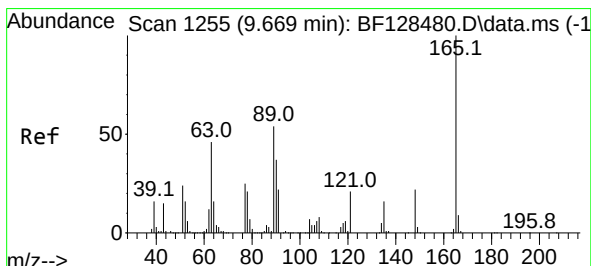
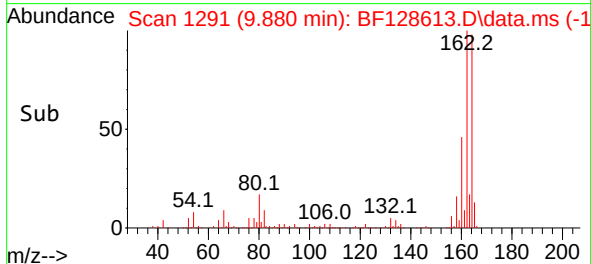
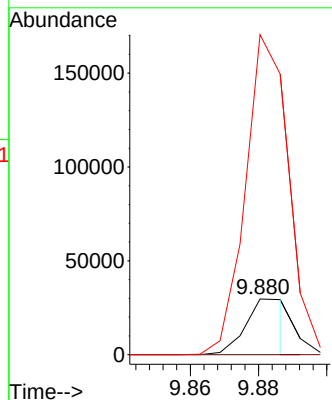
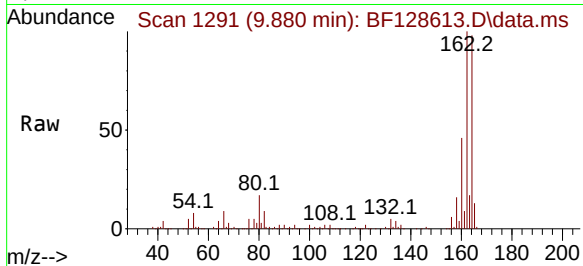




#50
Dimethylphthalate
Concen: 2.529 ng
RT: 9.880 min Scan# 1291
Delta R.T. 0.270 min
Lab File: BF128613.D
Acq: 01 Jun 2022 00:36

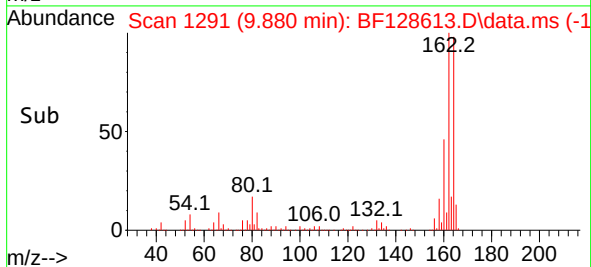
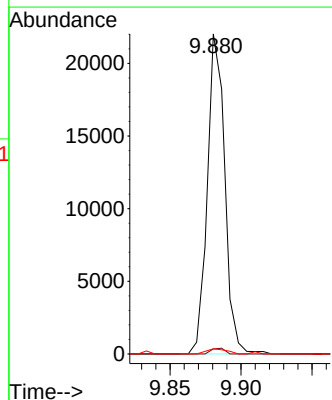
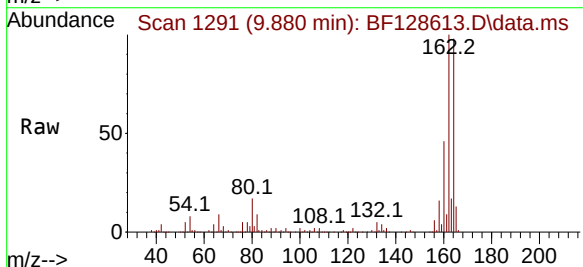
Instrument :
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P043-SS001-0612-02

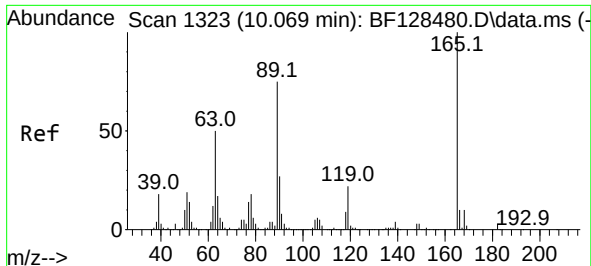
Tgt Ion:163 Resp: 24802
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 574.4 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.500 ng
RT: 9.880 min Scan# 1291
Delta R.T. 0.212 min
Lab File: BF128613.D
Acq: 01 Jun 2022 00:36

Tgt Ion:165 Resp: 18870
Ion Ratio Lower Upper
165 100
63 1.6 44.9 67.3#
89 1.6 43.6 65.4#

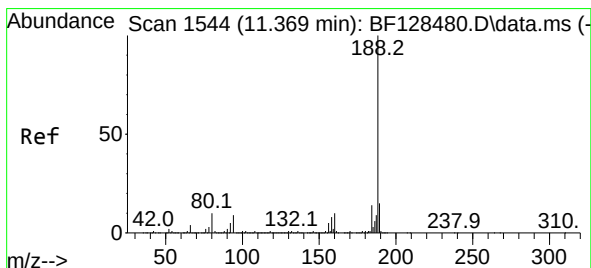
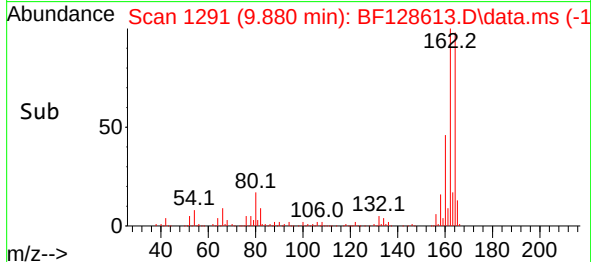
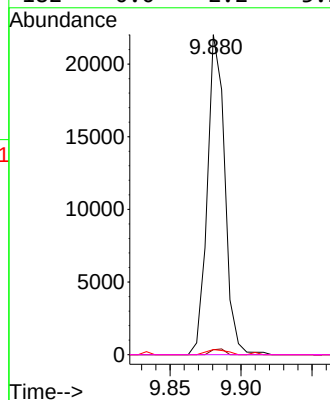
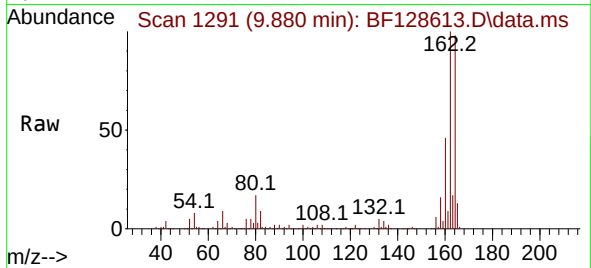




#57
2,4-Dinitrotoluene
Concen: 8.776 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF128613.D
Acq: 01 Jun 2022 00:36

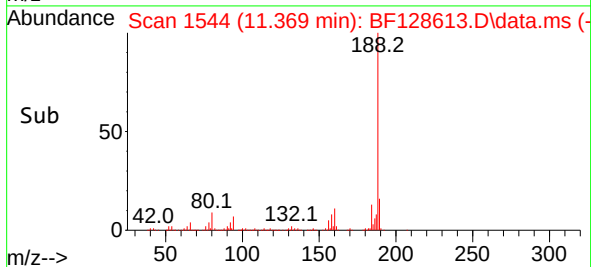
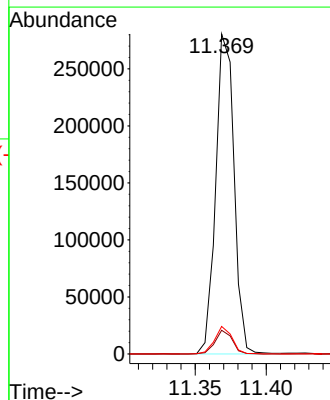
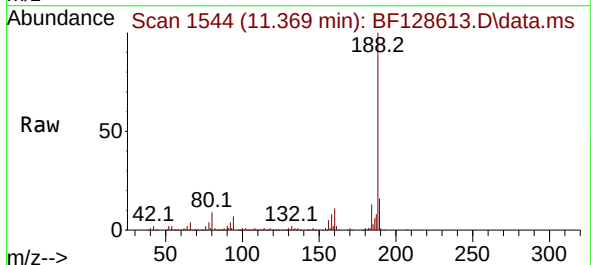
Instrument :
BNA_F
ClientSampleId :
P043-SS001-0612-02

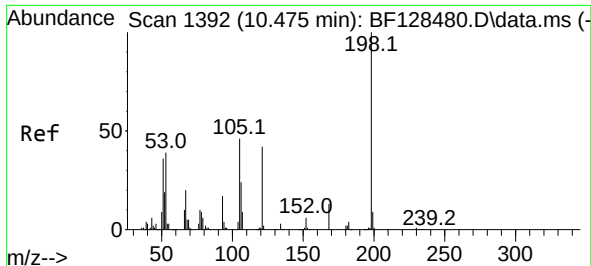
Tgt Ion:165 Resp: 18870
Ion Ratio Lower Upper
165 100
63 1.6 39.8 59.6#
89 1.6 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1544
Delta R.T. -0.000 min
Lab File: BF128613.D
Acq: 01 Jun 2022 00:36

Tgt Ion:188 Resp: 251531
Ion Ratio Lower Upper
188 100
94 7.4 7.0 10.6
80 8.6 7.6 11.4

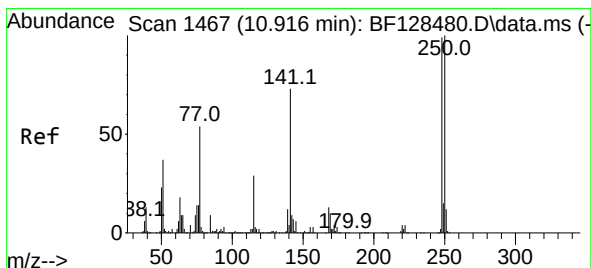
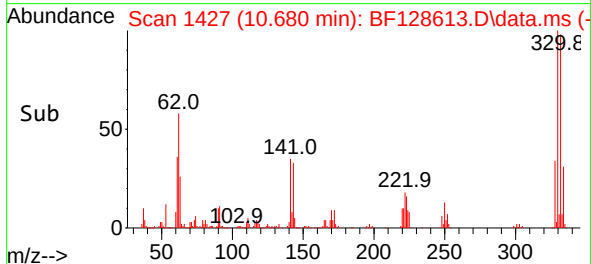
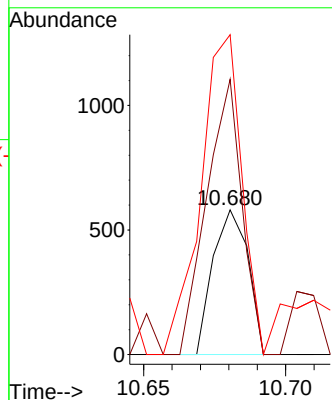
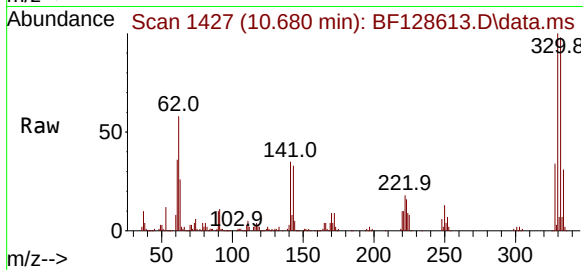




#65
4,6-Dinitro-2-methylphenol
Concen: 5.882 ng
RT: 10.680 min Scan# 1427
Delta R.T. 0.205 min
Lab File: BF128613.D
Acq: 01 Jun 2022 00:36

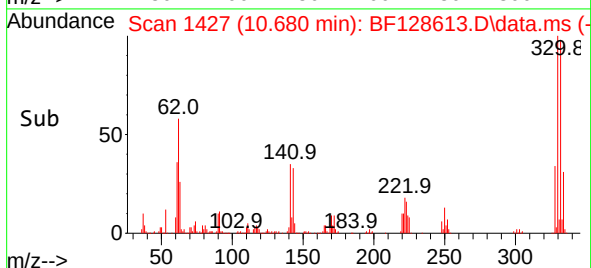
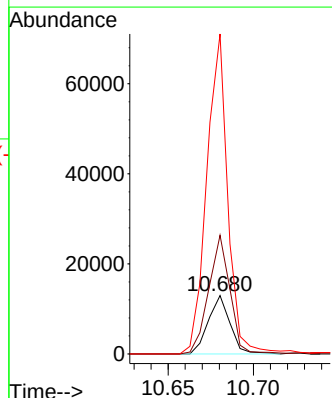
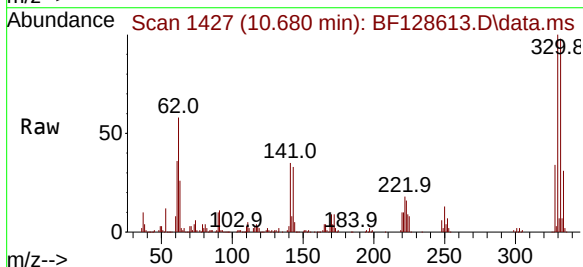
Instrument :
BNA_F
ClientSampleId :
P043-SS001-0612-02

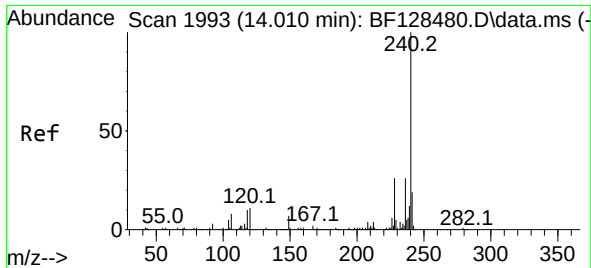
Tgt Ion:198 Resp: 499
Ion Ratio Lower Upper
198 100
51 190.2 37.6 77.6#
105 221.0 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 4.437 ng
RT: 10.680 min Scan# 1427
Delta R.T. -0.236 min
Lab File: BF128613.D
Acq: 01 Jun 2022 00:36

Tgt Ion:248 Resp: 11530
Ion Ratio Lower Upper
248 100
250 203.0 80.6 120.8#
141 547.2 58.9 88.3#

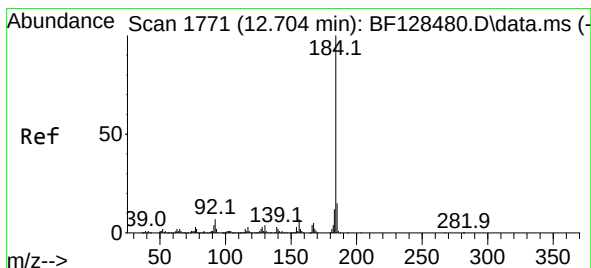
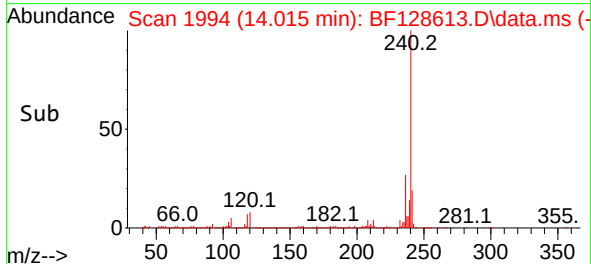
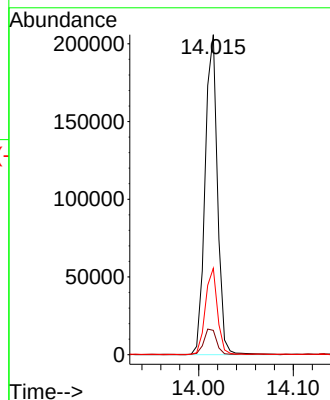
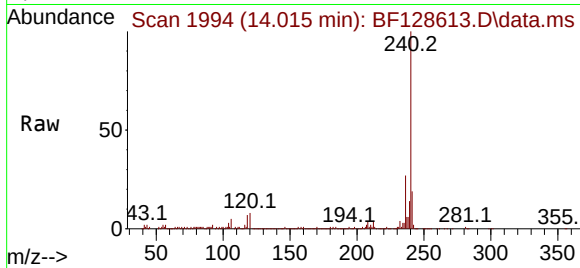




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1815
Delta R.T. 0.006 min
Lab File: BF128613.D
Acq: 01 Jun 2022 00:36

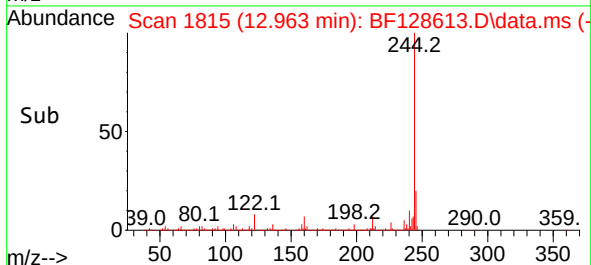
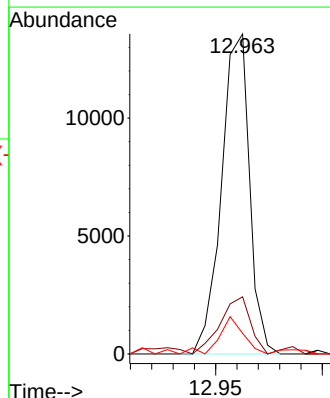
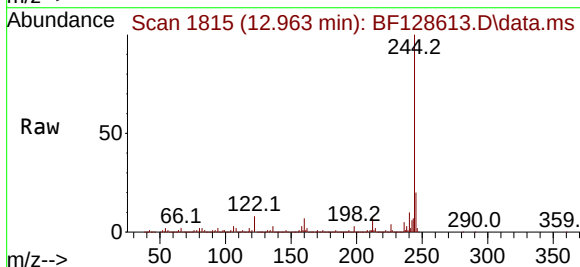
Instrument :
BNA_F
ClientSampleId :
P043-SS001-0612-02

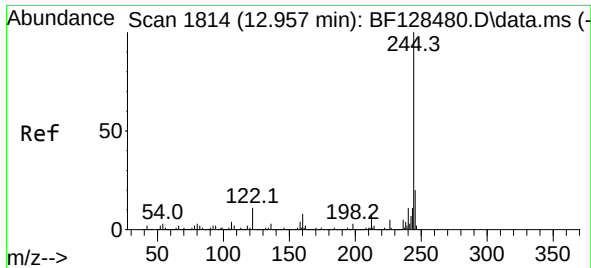
Tgt Ion:240 Resp: 186908
Ion Ratio Lower Upper
240 100
120 7.6 8.9 13.3#
236 27.0 20.8 31.2



#77
Benzidine
Concen: 2.882 ng
RT: 12.963 min Scan# 1815
Delta R.T. 0.259 min
Lab File: BF128613.D
Acq: 01 Jun 2022 00:36

Tgt Ion:184 Resp: 12426
Ion Ratio Lower Upper
184 100
185 17.8 11.9 17.9
183 6.4 9.3 13.9#

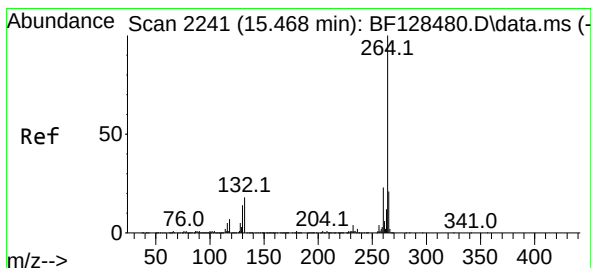
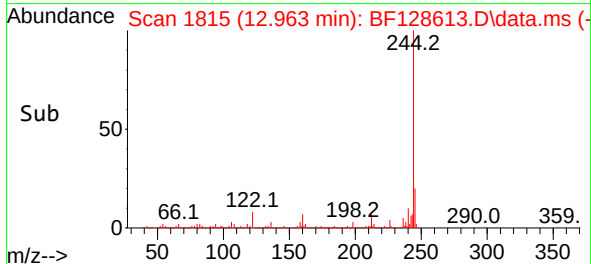
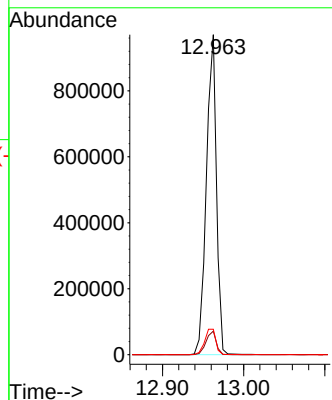
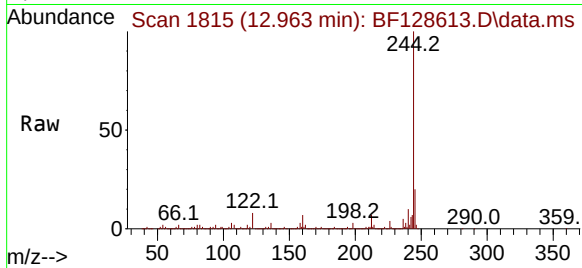




#79
 Terphenyl-d14
 Concen: 86.206 ng
 RT: 12.963 min Scan# 1814
 Delta R.T. 0.006 min
 Lab File: BF128613.D
 Acq: 01 Jun 2022 00:36

Instrument :
 BNA_F
 ClientSampleId :
 P043-SS001-0612-02

Tgt Ion:244 Resp: 834007
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 7.9 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.486 min Scan# 2244
 Delta R.T. 0.018 min
 Lab File: BF128613.D
 Acq: 01 Jun 2022 00:36

Tgt Ion:264 Resp: 141092
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.4 27.6
 265 21.1 17.2 25.8

