

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052622\
 Data File : BF128485.D
 Acq On : 26 May 2022 21:26
 Operator : CG\JU
 Sample : PB144997BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144997BL

Quant Time: May 27 04:24:50 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)

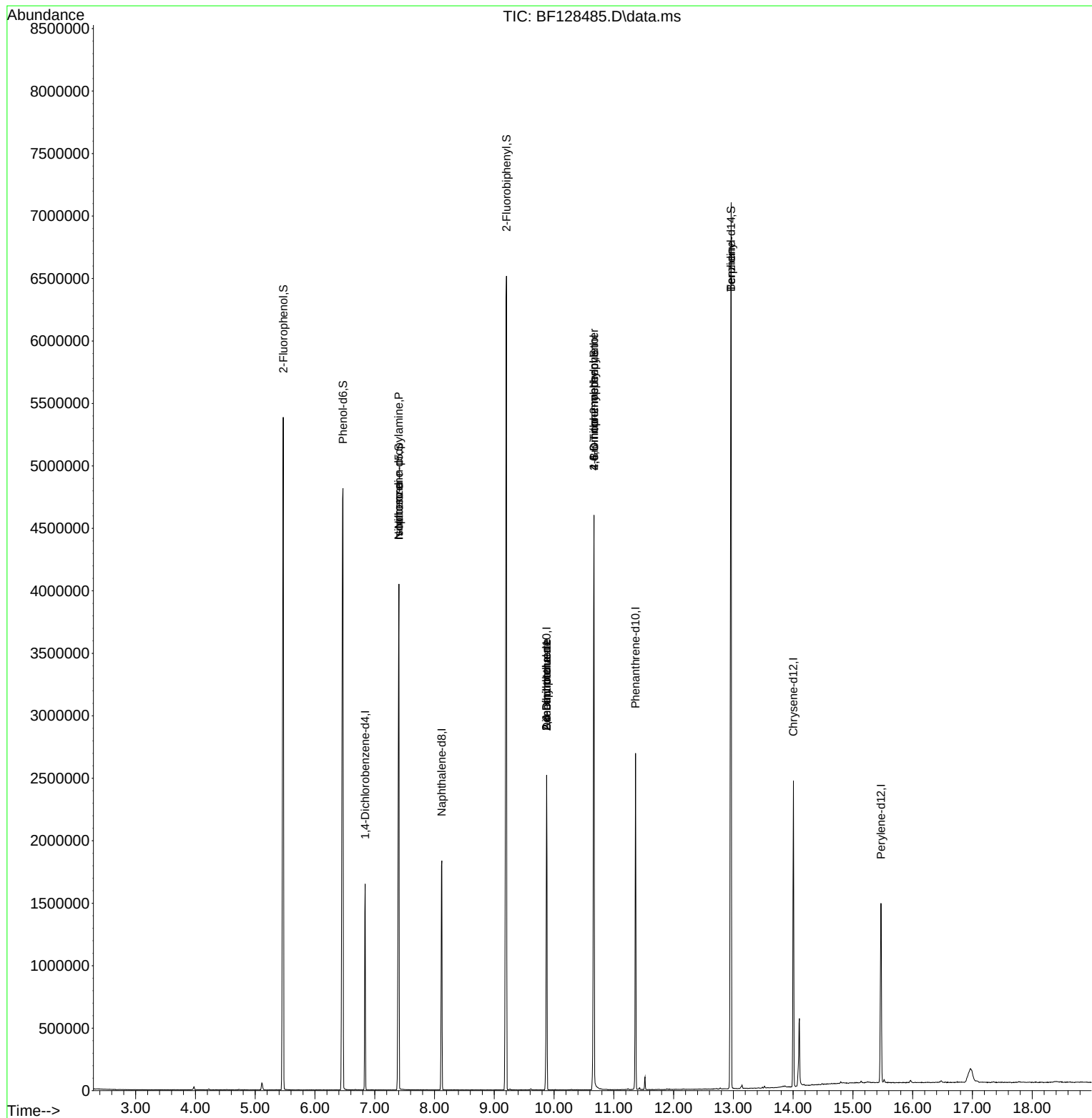
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	232316	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	920583	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	516820	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	965675	20.000	ng	0.00
76) Chrysene-d12	14.004	240	784091	20.000	ng	0.00
86) Perylene-d12	15.468	264	658269	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1758029	125.347	ng	0.02
7) Phenol-d6	6.469	99	2195105	122.750	ng	0.00
23) Nitrobenzene-d5	7.404	82	1461434	91.580	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	619905	126.016	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	2693860	84.683	ng	0.00
79) Terphenyl-d14	12.963	244	2958911	72.906	ng	0.00
Target Compounds						
9) Benzaldehyde	6.393	77	293	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propyla...	7.404	70	201083	18.339	ng	# 78
25) Isophorone	7.404	82	1450658	49.278	ng	# 65
50) Dimethylphthalate	9.875	163	90777	2.708	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	66138	10.765	ng	# 30
57) 2,4-Dinitrotoluene	9.875	165	66138	8.998	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.669	198	1510	5.802	ng	# 1
67) 4-Bromophenyl-phenylether	10.669	248	41154	4.125	ng	# 1
77) Benzidine	12.963	184	41870	2.315	ng	# 93

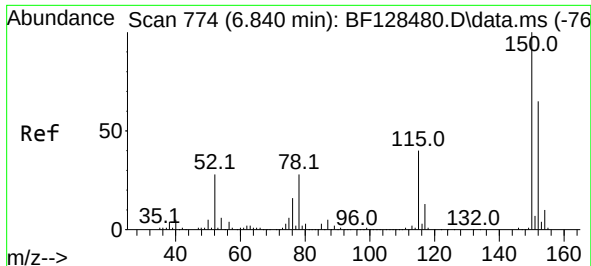
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052622\
Data File : BF128485.D
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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Quant Time: May 27 04:24:50 2022
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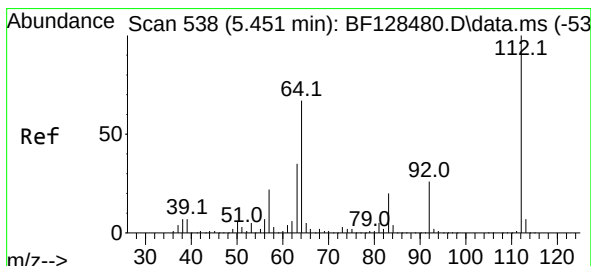
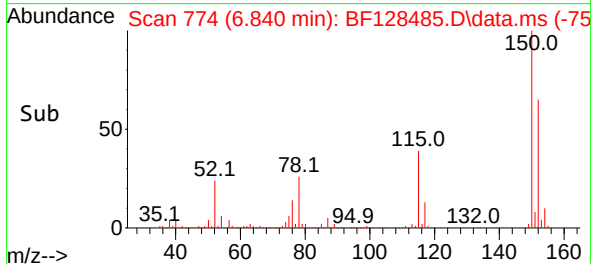
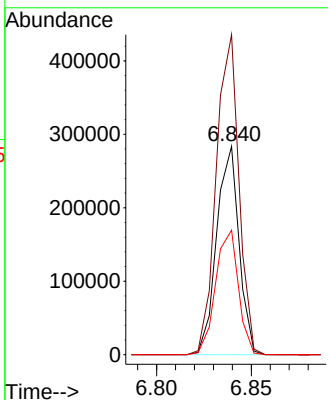
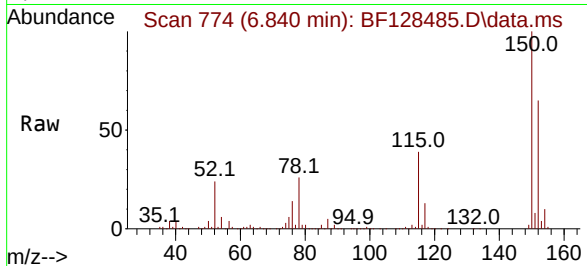




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128485.D
Acq: 26 May 2022 21:26

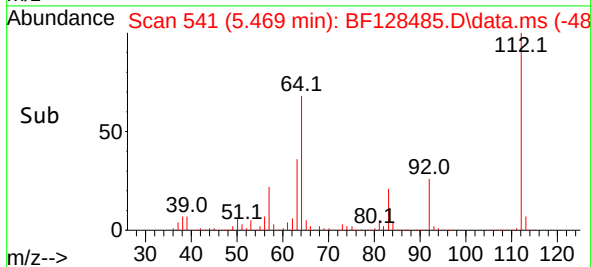
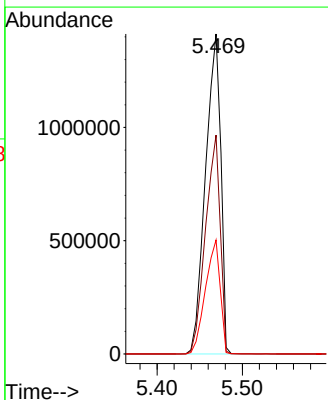
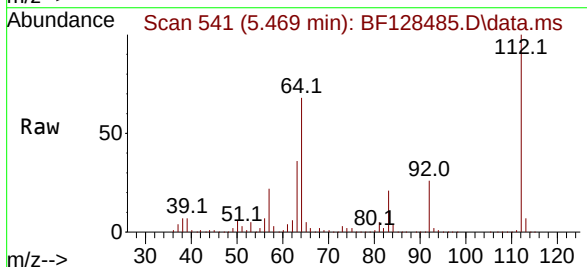
Instrument :
BNA_F
ClientSampleId :
PB144997BL

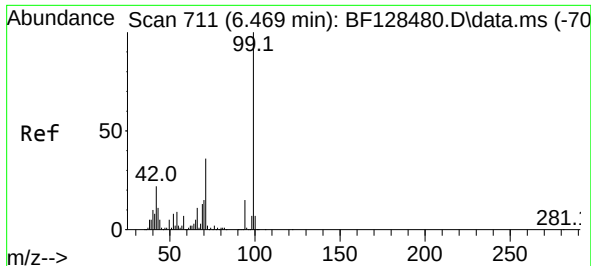
Tgt Ion:152 Resp: 232316
Ion Ratio Lower Upper
152 100
150 153.6 123.7 185.5
115 59.7 49.9 74.9



#5
2-Fluorophenol
Concen: 125.347 ng
RT: 5.469 min Scan# 541
Delta R.T. 0.018 min
Lab File: BF128485.D
Acq: 26 May 2022 21:26

Tgt Ion:112 Resp: 1758029
Ion Ratio Lower Upper
112 100
64 68.4 53.3 79.9
63 35.6 28.0 42.0

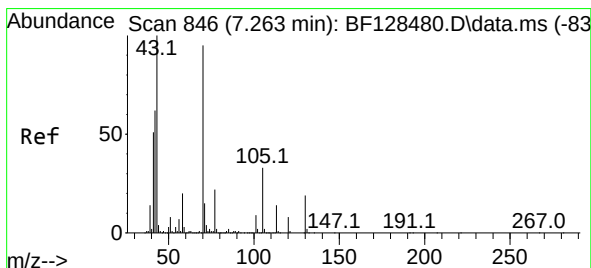
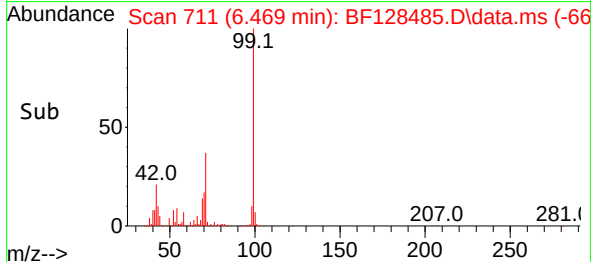
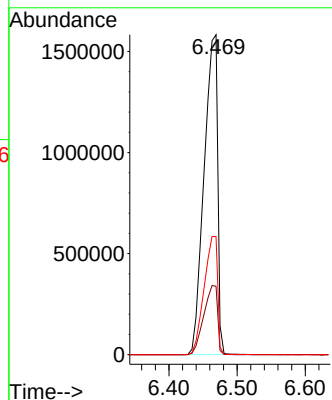
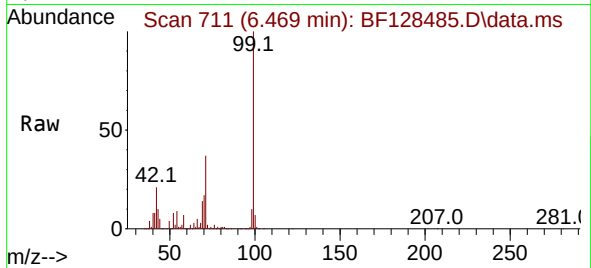




#7
Phenol-d6
Concen: 122.750 ng
RT: 6.469 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF128485.D
Acq: 26 May 2022 21:26

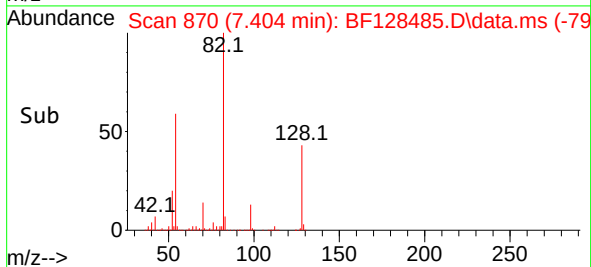
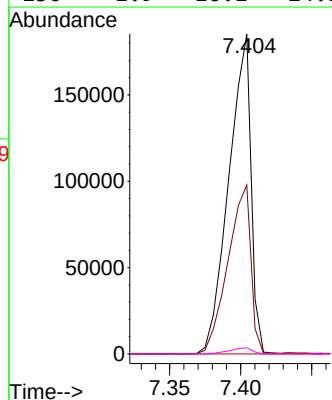
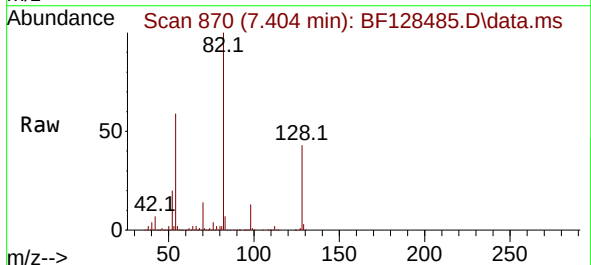
Instrument :
BNA_F
ClientSampleId :
PB144997BL

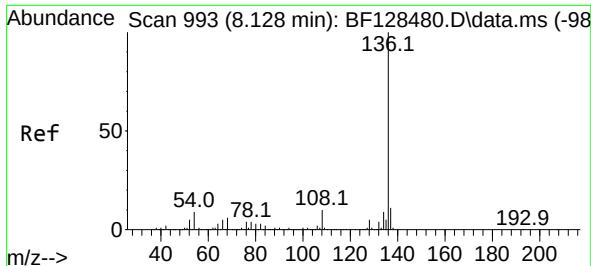
Tgt Ion: 99 Resp: 2195105
Ion Ratio Lower Upper
99 100
42 21.4 17.3 25.9
71 36.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.339 ng
RT: 7.404 min Scan# 870
Delta R.T. 0.141 min
Lab File: BF128485.D
Acq: 26 May 2022 21:26

Tgt Ion: 70 Resp: 201083
Ion Ratio Lower Upper
70 100
42 52.8 52.3 78.5
101 0.0 7.5 11.3#
130 1.9 16.1 24.1#

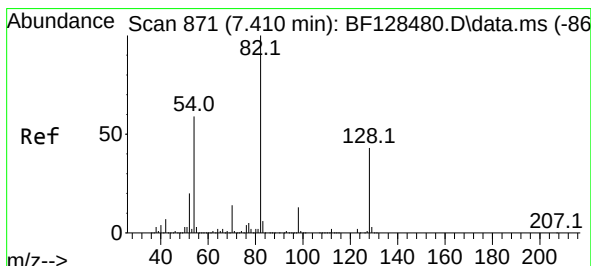
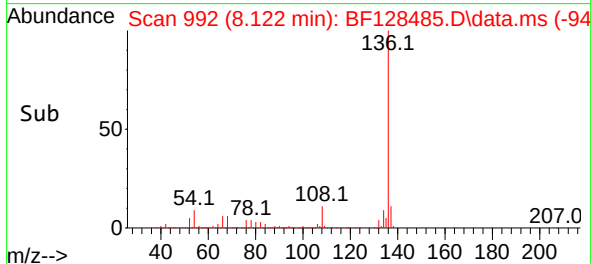
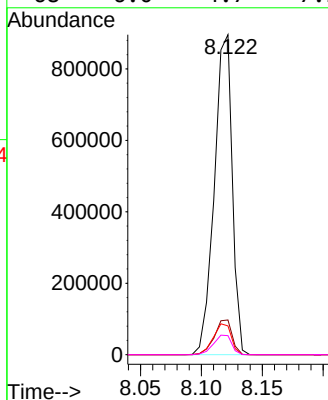
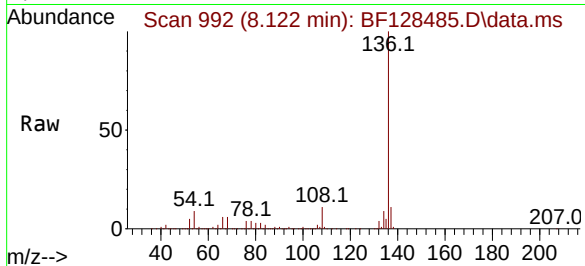




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128485.D
Acq: 26 May 2022 21:26

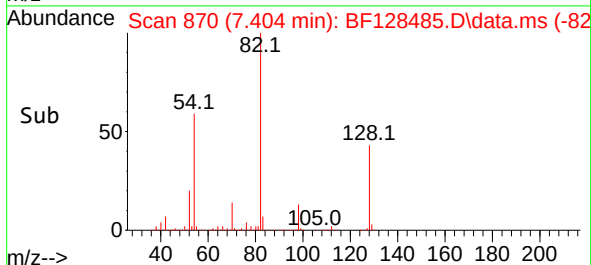
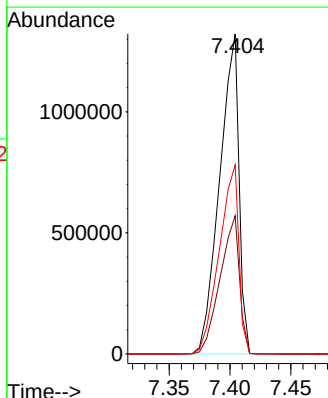
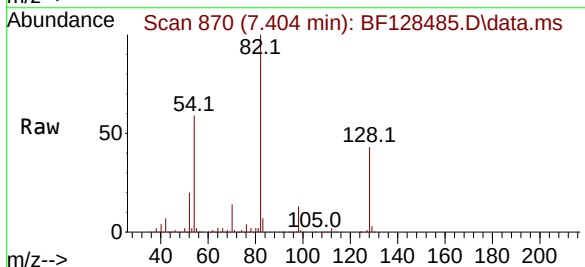
Instrument :
BNA_F
ClientSampleId :
PB144997BL

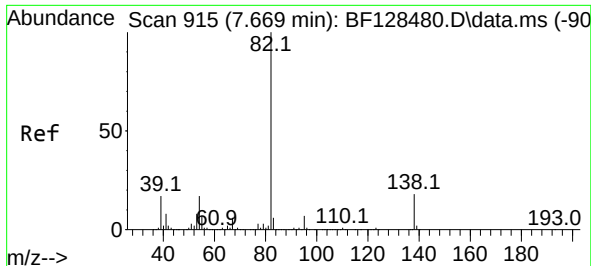
Tgt Ion:136 Resp: 920583
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.0 7.5 11.3
68 6.0 4.7 7.1



#23
Nitrobenzene-d5
Concen: 91.580 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF128485.D
Acq: 26 May 2022 21:26

Tgt Ion: 82 Resp: 1461434
Ion Ratio Lower Upper
82 100
128 43.2 34.0 51.0
54 59.1 46.9 70.3

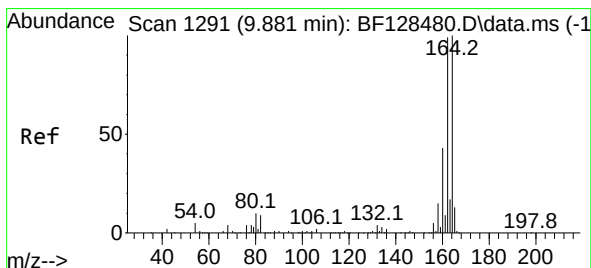
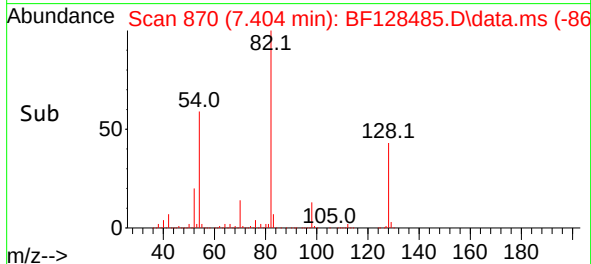
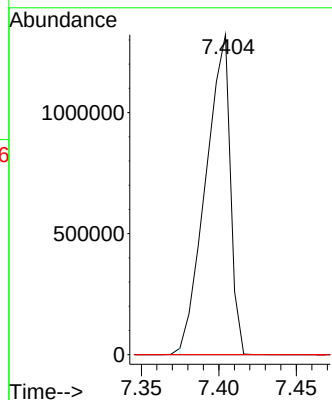
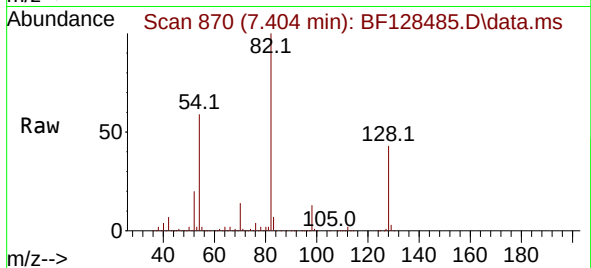




#25
Isophorone
Concen: 49.278 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128485.D
Acq: 26 May 2022 21:26

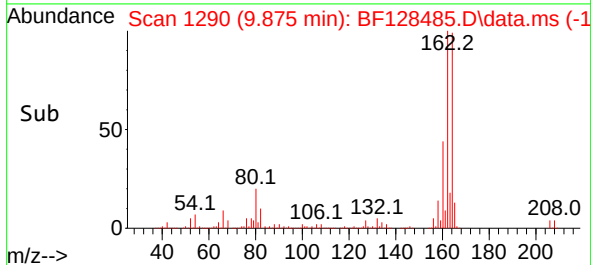
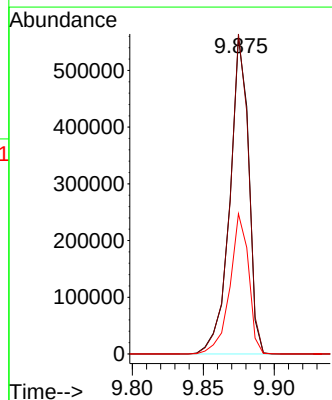
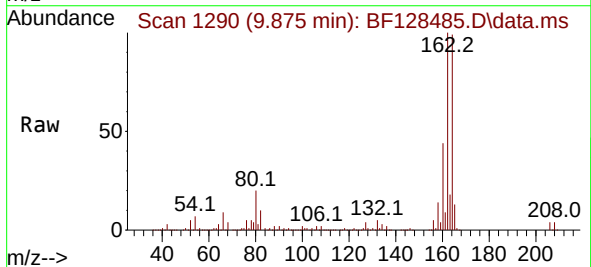
Instrument :
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ClientSampleId :
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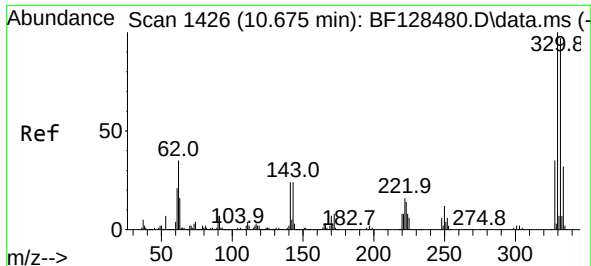
Tgt Ion: 82 Resp: 1450658
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF128485.D
Acq: 26 May 2022 21:26

Tgt Ion:164 Resp: 516820
Ion Ratio Lower Upper
164 100
162 101.1 79.5 119.3
160 44.3 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 126.016 ng

RT: 10.669 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF128485.D

Acq: 26 May 2022 21:26

Instrument :

BNA_F

ClientSampleId :

PB144997BL

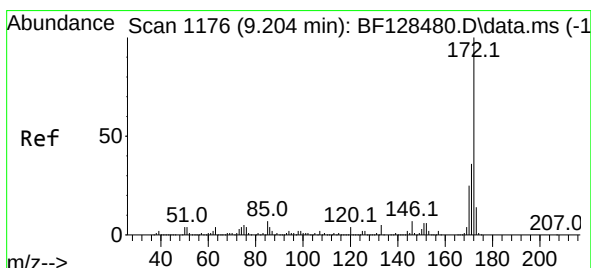
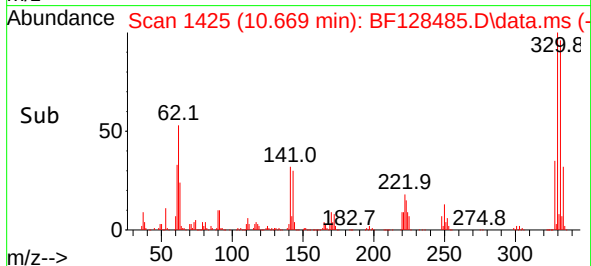
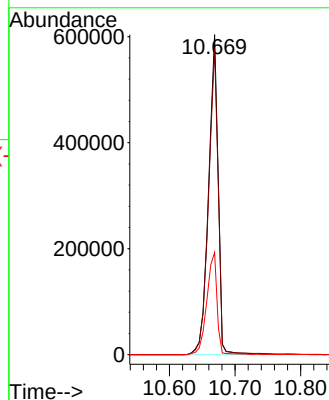
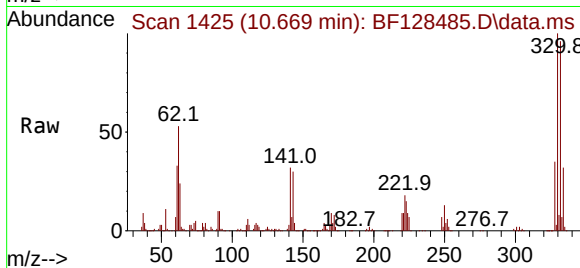
Tgt Ion:330 Resp: 619905

Ion Ratio Lower Upper

330 100

332 96.2 76.8 115.2

141 33.9 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 84.683 ng

RT: 9.204 min Scan# 1176

Delta R.T. 0.000 min

Lab File: BF128485.D

Acq: 26 May 2022 21:26

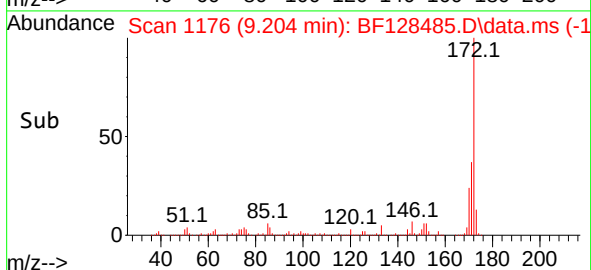
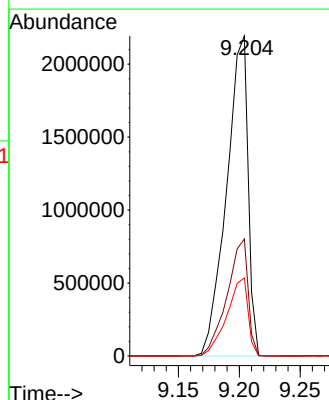
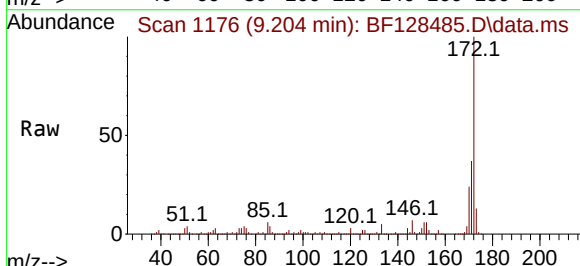
Tgt Ion:172 Resp: 2693860

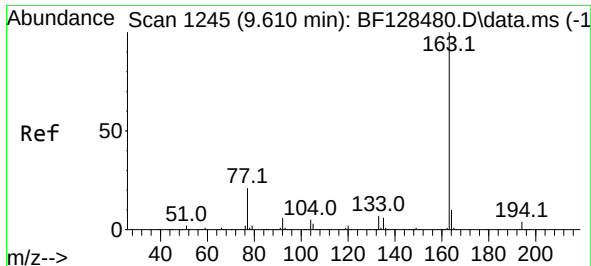
Ion Ratio Lower Upper

172 100

171 36.6 28.8 43.2

170 24.3 19.8 29.8

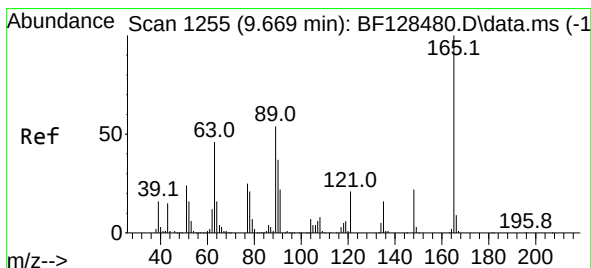
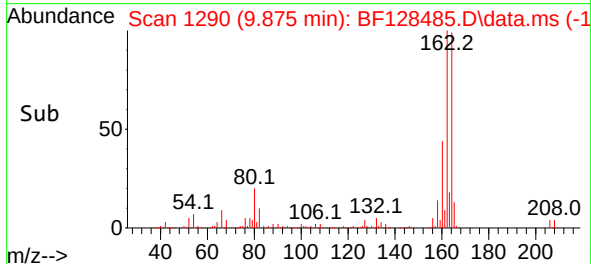
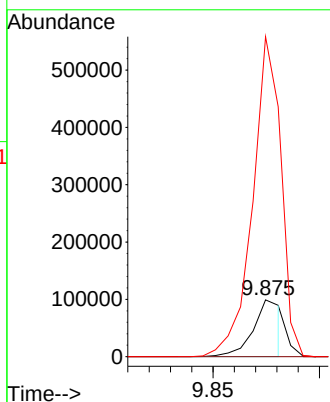
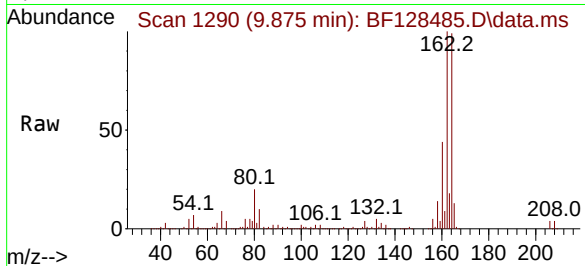




#50
Dimethylphthalate
Concen: 2.708 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.265 min
Lab File: BF128485.D
Acq: 26 May 2022 21:26

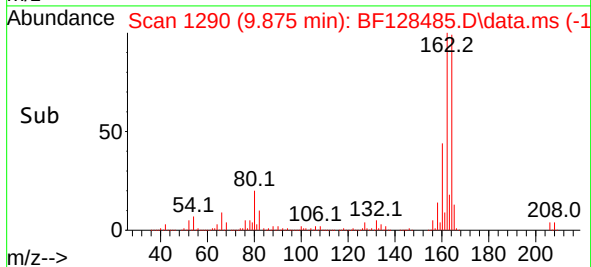
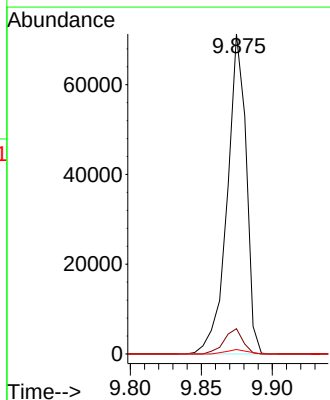
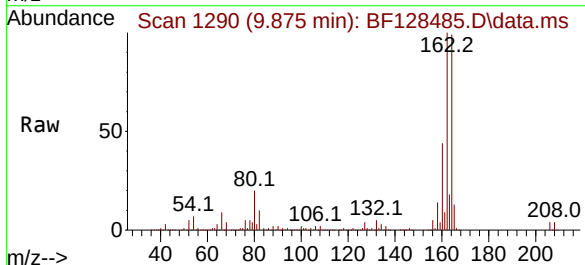
Instrument :
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ClientSampleId :
PB144997BL

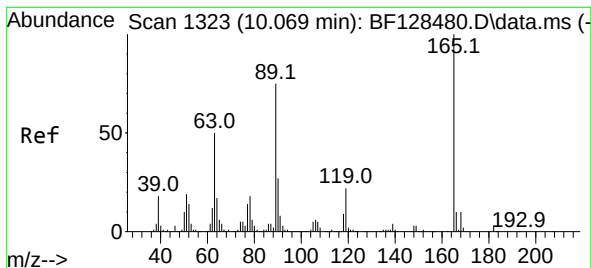
Tgt Ion:163 Resp: 90777
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 562.7 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.765 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128485.D
Acq: 26 May 2022 21:26

Tgt Ion:165 Resp: 66138
Ion Ratio Lower Upper
165 100
63 7.9 44.9 67.3#
89 1.4 43.6 65.4#

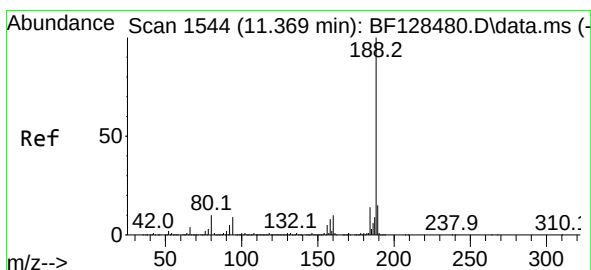
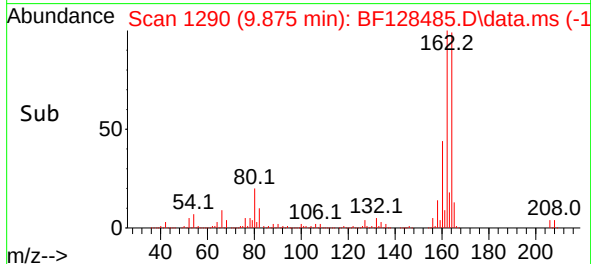
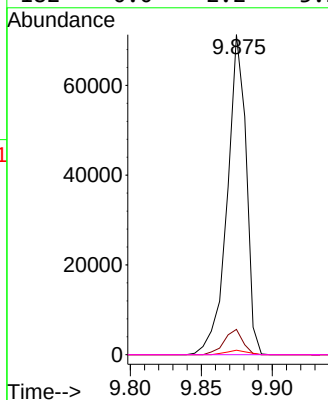
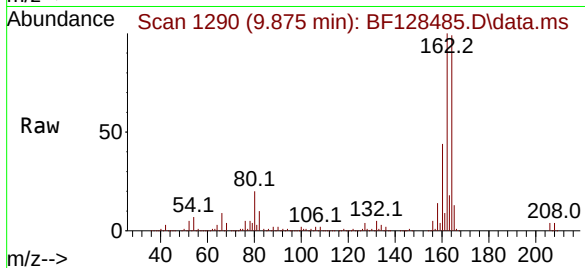




#57
2,4-Dinitrotoluene
Concen: 8.998 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128485.D
Acq: 26 May 2022 21:26

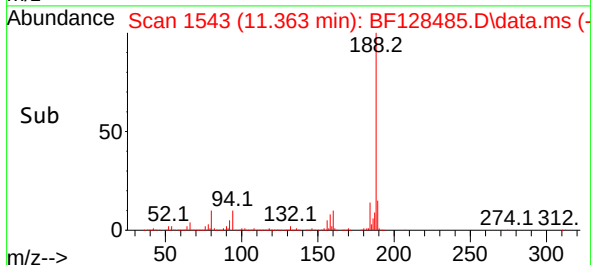
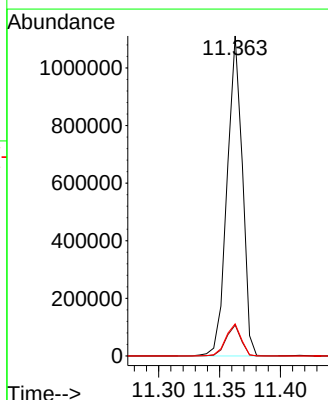
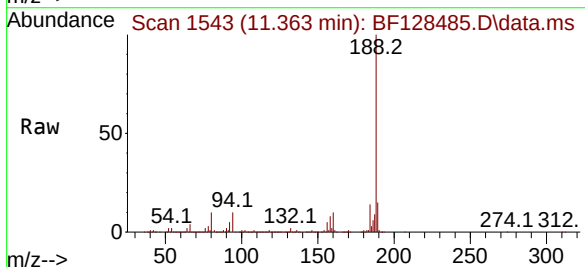
Instrument :
BNA_F
ClientSampleId :
PB144997BL

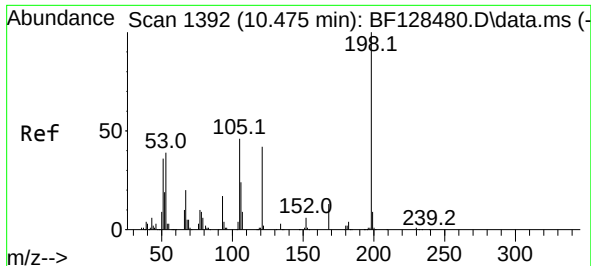
Tgt Ion:165 Resp: 66138
Ion Ratio Lower Upper
165 100
63 7.9 39.8 59.6#
89 1.4 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF128485.D
Acq: 26 May 2022 21:26

Tgt Ion:188 Resp: 965675
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.6
80 10.1 7.6 11.4

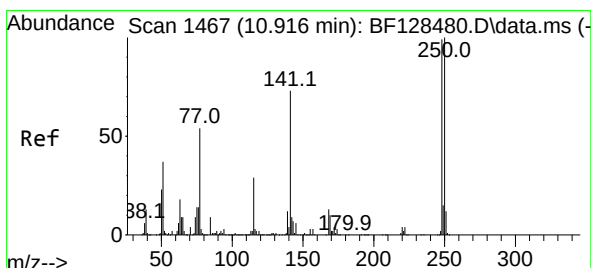
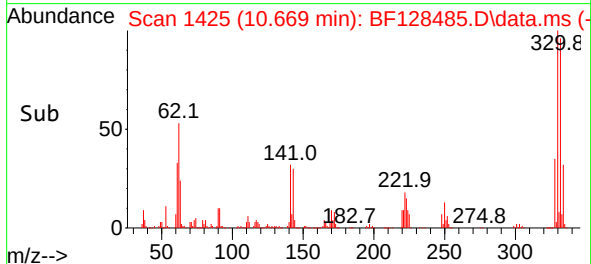
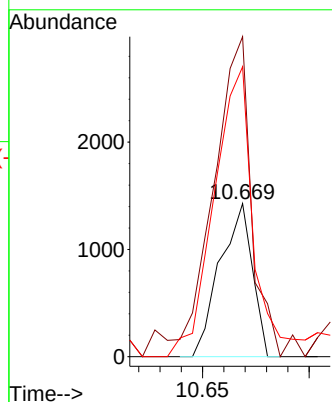
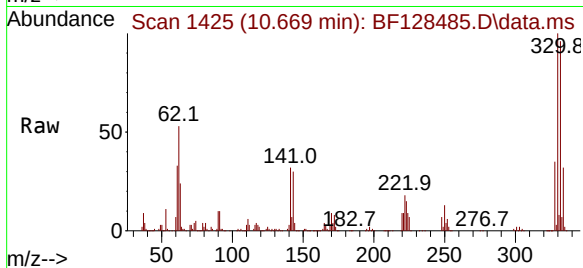




#65
4,6-Dinitro-2-methylphenol
Concen: 5.802 ng
RT: 10.669 min Scan# 1425
Delta R.T. 0.194 min
Lab File: BF128485.D
Acq: 26 May 2022 21:26

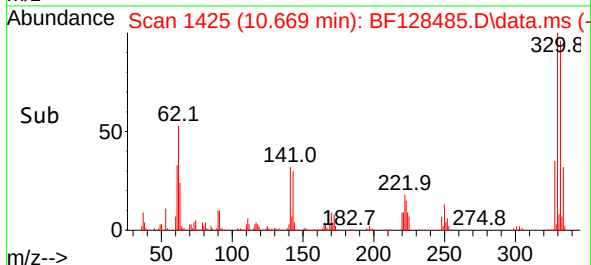
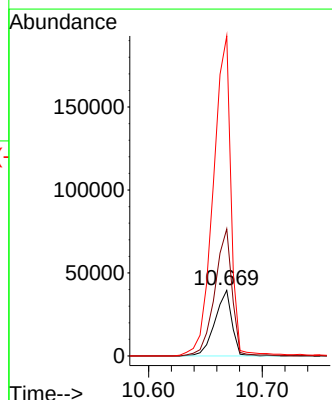
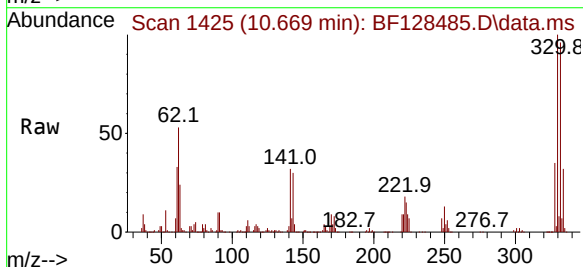
Instrument :
BNA_F
ClientSampleId :
PB144997BL

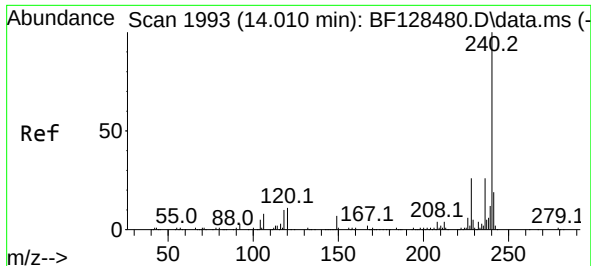
Tgt Ion:198 Resp: 1510
Ion Ratio Lower Upper
198 100
51 209.1 37.6 77.6#
105 189.5 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 4.125 ng
RT: 10.669 min Scan# 1425
Delta R.T. -0.247 min
Lab File: BF128485.D
Acq: 26 May 2022 21:26

Tgt Ion:248 Resp: 41154
Ion Ratio Lower Upper
248 100
250 193.4 80.6 120.8#
141 487.2 58.9 88.3#

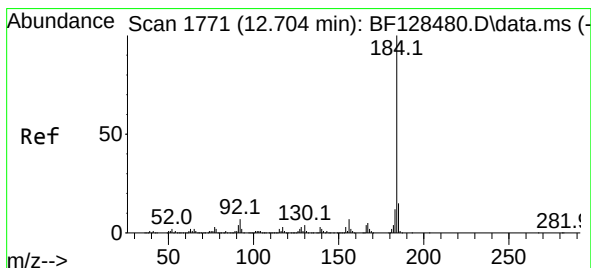
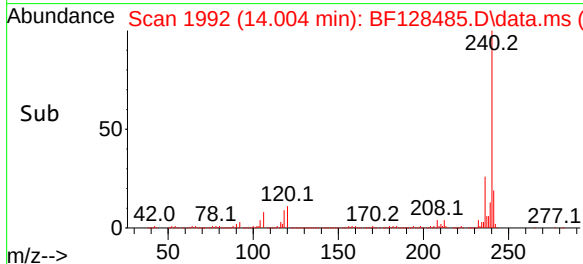
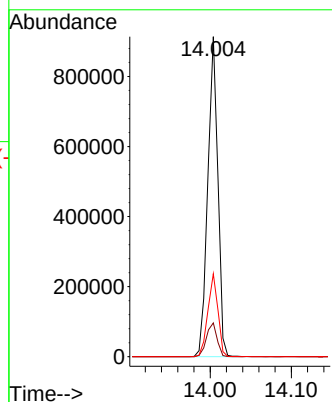
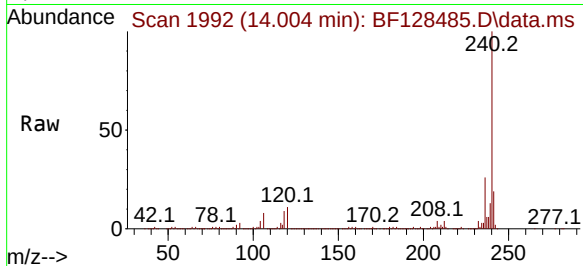




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BF128485.D
Acq: 26 May 2022 21:26

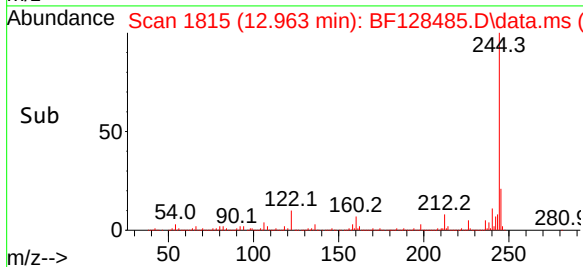
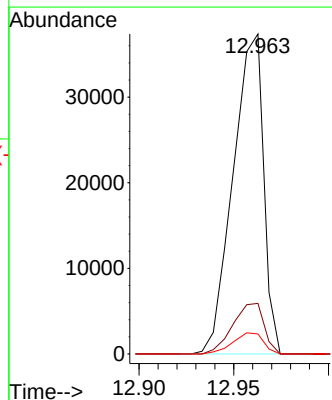
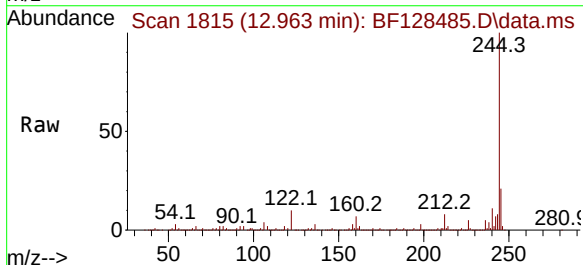
Instrument :
BNA_F
ClientSampleId :
PB144997BL

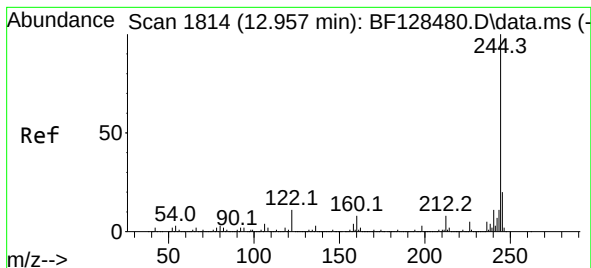
Tgt Ion:240 Resp: 784091
Ion Ratio Lower Upper
240 100
120 10.6 8.9 13.3
236 25.9 20.8 31.2



#77
Benzidine
Concen: 2.315 ng
RT: 12.963 min Scan# 1815
Delta R.T. 0.259 min
Lab File: BF128485.D
Acq: 26 May 2022 21:26

Tgt Ion:184 Resp: 41870
Ion Ratio Lower Upper
184 100
185 15.8 11.9 17.9
183 6.3 9.3 13.9#





#79

Terphenyl-d14

Concen: 72.906 ng

RT: 12.963 min Scan# 1815

Delta R.T. 0.006 min

Lab File: BF128485.D

Acq: 26 May 2022 21:26

Instrument :

BNA_F

ClientSampleId :

PB144997BL

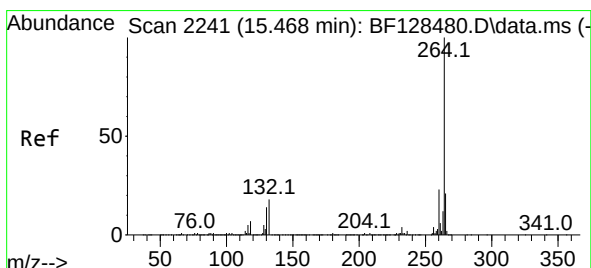
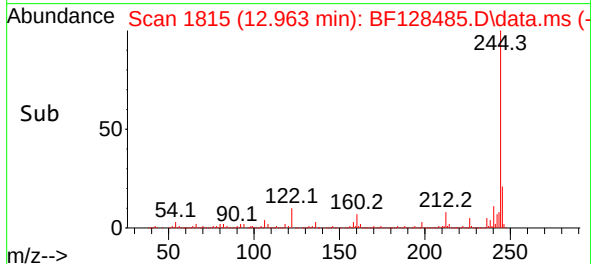
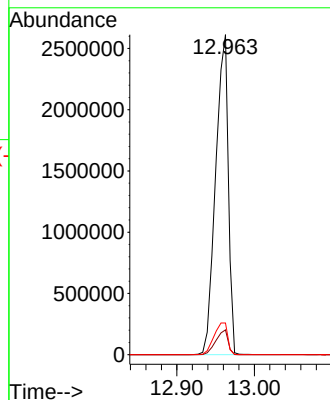
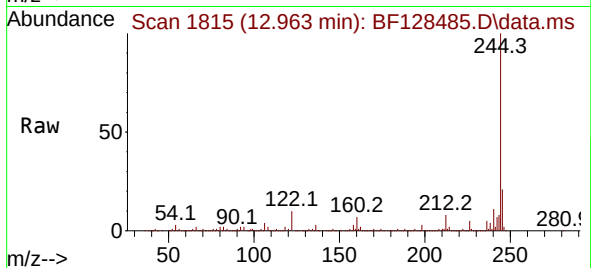
Tgt Ion:244 Resp: 2958911

Ion Ratio Lower Upper

244 100

212 7.8 6.1 9.1

122 9.9 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2241

Delta R.T. 0.000 min

Lab File: BF128485.D

Acq: 26 May 2022 21:26

Tgt Ion:264 Resp: 658269

Ion Ratio Lower Upper

264 100

260 24.9 18.4 27.6

265 21.9 17.2 25.8

