

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110524\
 Data File : BE101478.D
 Acq On : 5 Nov 2024 14:32
 Operator : RC/JU
 Sample : P4675-06RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 05 14:31:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 29 01:26:30 2024
 Response via : Initial Calibration

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

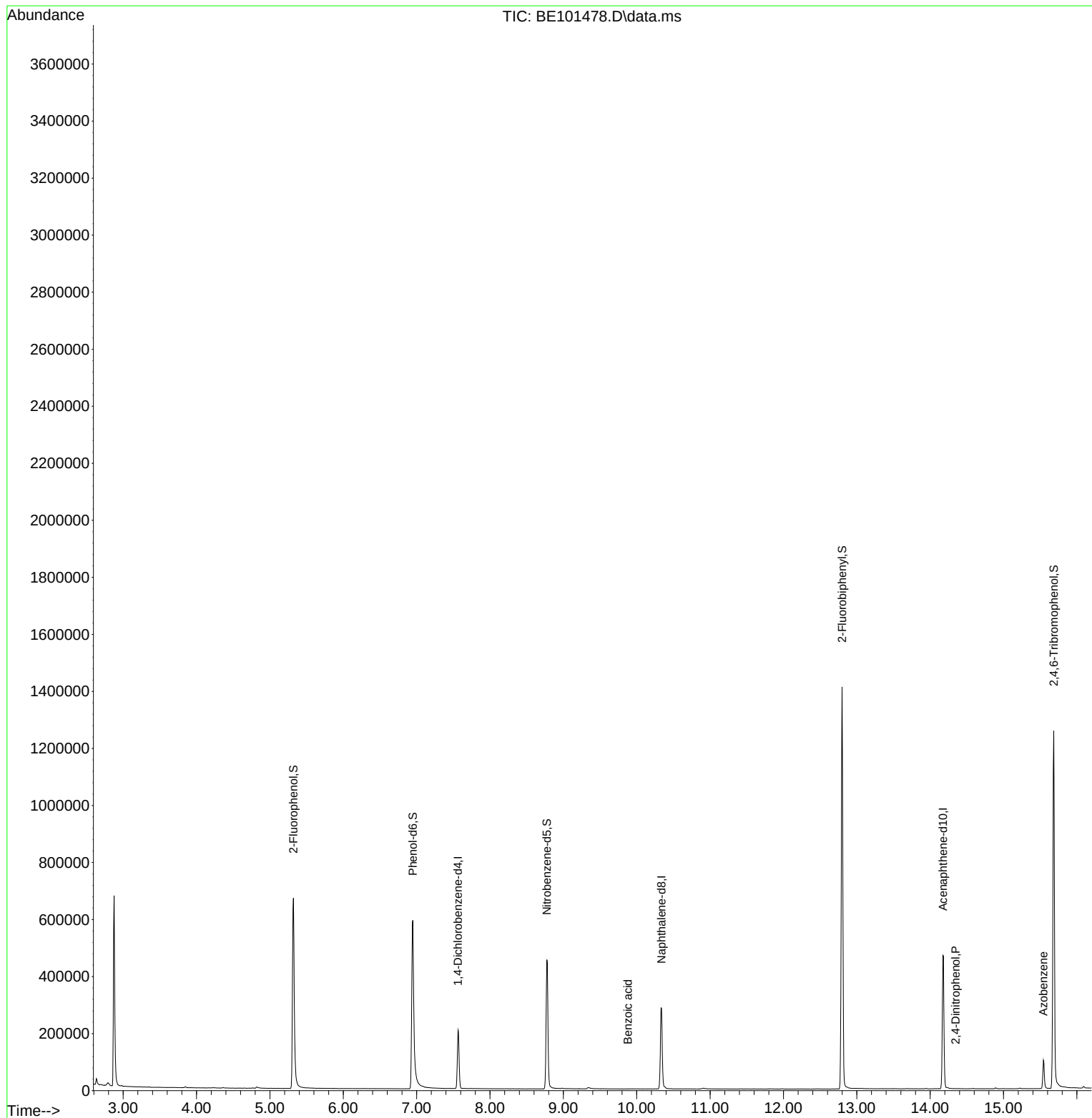
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.565	152	60105	20.000	ng	0.00
21) Naphthalene-d8	10.338	136	260070	20.000	ng	0.00
39) Acenaphthene-d10	14.175	164	173496	20.000	ng	0.00
64) Phenanthrene-d10	16.913	188	409836	20.000	ng	0.00
76) Chrysene-d12	21.072	240	472315	20.000	ng	0.00
86) Perylene-d12	23.364	264	608790	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.320	112	369990	107.889	ng	0.00
7) Phenol-d6	6.948	99	484331	101.854	ng	0.00
23) Nitrobenzene-d5	8.775	82	281414	67.964	ng	-0.01
42) 2,4,6-Tribromophenol	15.685	330	316390	104.047	ng	0.00
45) 2-Fluorobiphenyl	12.800	172	748108	73.025	ng	0.00
79) Terphenyl-d14	19.510	244	1562171	76.123	ng	0.00
Target Compounds						
32) Benzoic acid	9.880	122	7	8.218	ng	# 30
54) 2,4-Dinitrophenol	14.345	184	18	5.625	ng	# 59
63) Azobenzene	15.544	77	28972	2.631	ng	# 1

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

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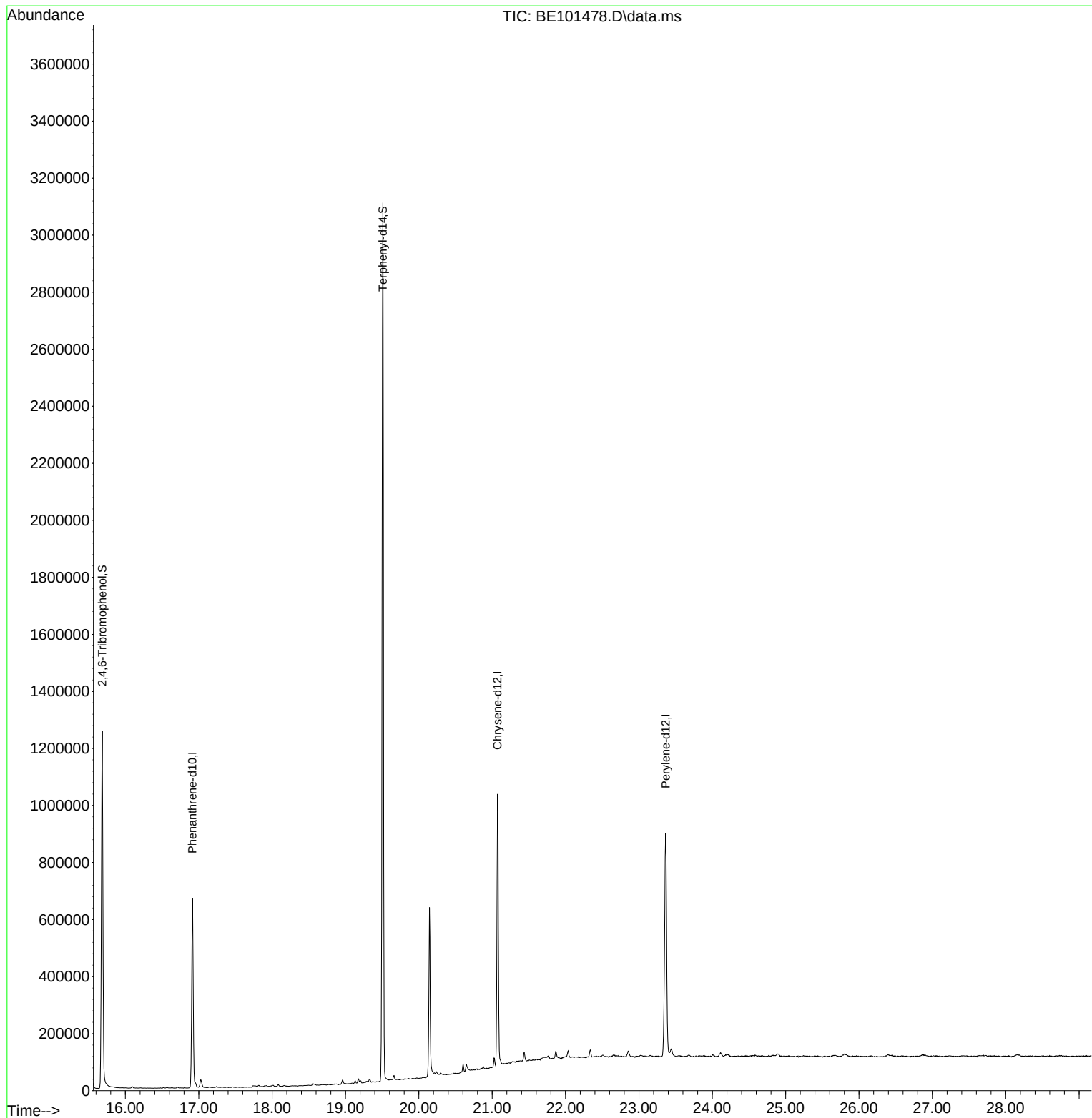
Quant Time: Nov 05 14:31:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 29 01:26:30 2024
Response via : Initial Calibration

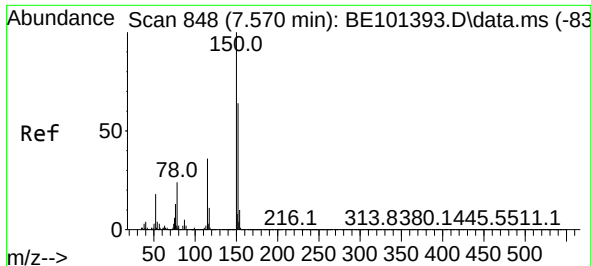


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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 29 01:26:30 2024
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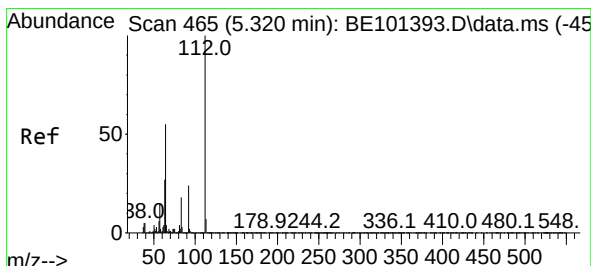
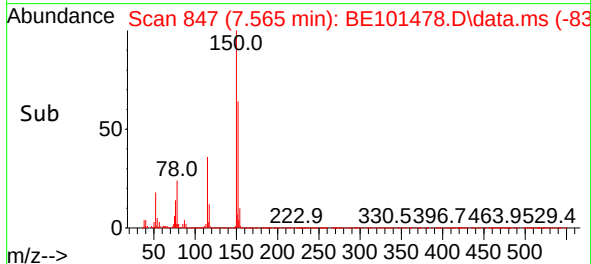
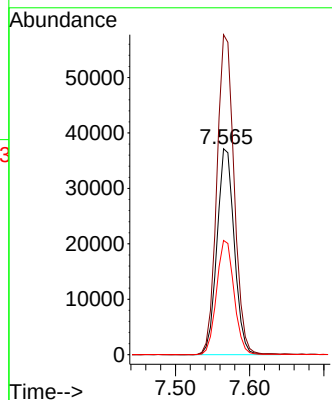
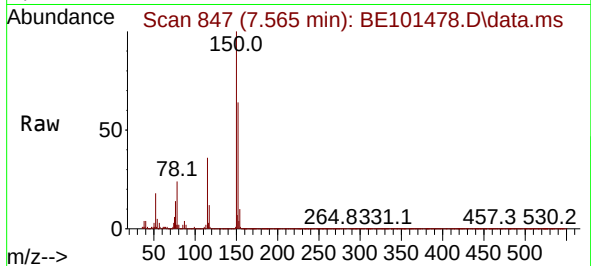




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.565 min Scan# 84
Delta R.T. -0.005 min
Lab File: BE101478.D
Acq: 5 Nov 2024 14:32

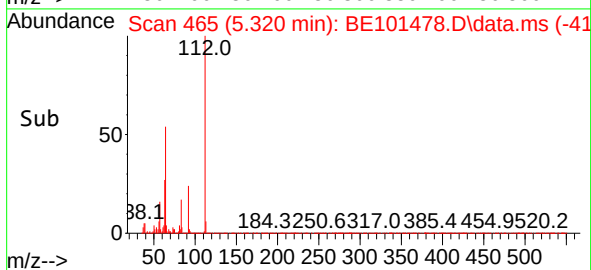
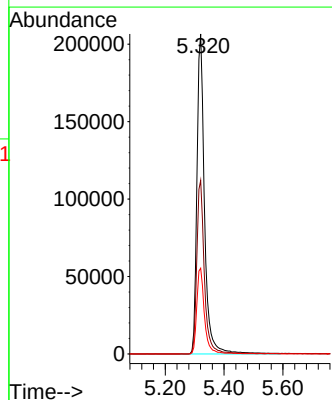
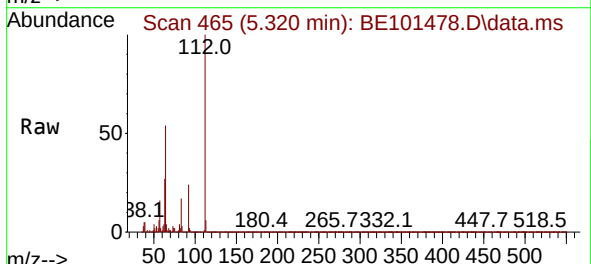
Instrument :
BNA_E
ClientSampleId :

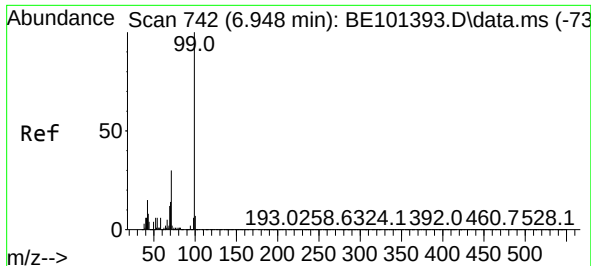
Tgt Ion:152 Resp: 60105
Ion Ratio Lower Upper
152 100
150 155.3 124.2 186.4
115 55.5 45.3 67.9



#5
2-Fluorophenol
Concen: 107.889 ng
RT: 5.320 min Scan# 465
Delta R.T. 0.000 min
Lab File: BE101478.D
Acq: 5 Nov 2024 14:32

Tgt Ion:112 Resp: 369990
Ion Ratio Lower Upper
112 100
64 54.2 43.7 65.5
63 26.8 21.4 32.2

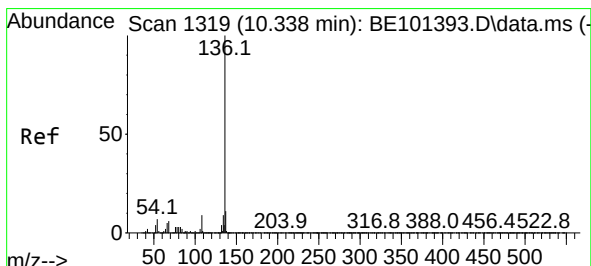
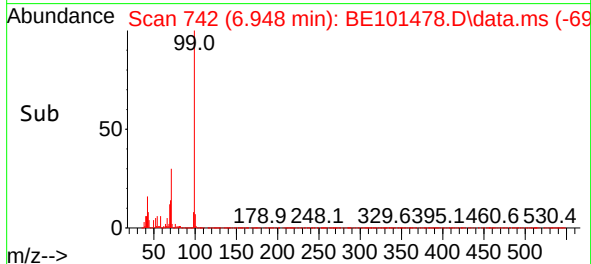
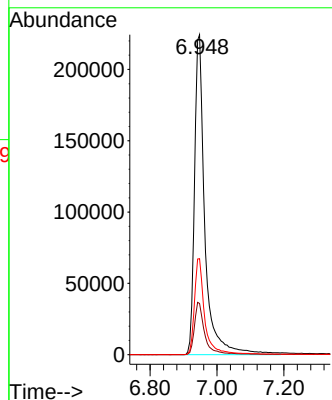
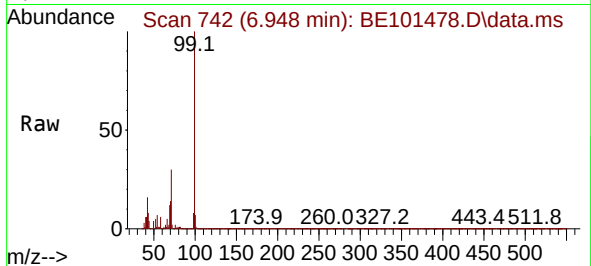




#7
Phenol-d6
Concen: 101.854 ng
RT: 6.948 min Scan# 742
Delta R.T. 0.000 min
Lab File: BE101478.D
Acq: 5 Nov 2024 14:32

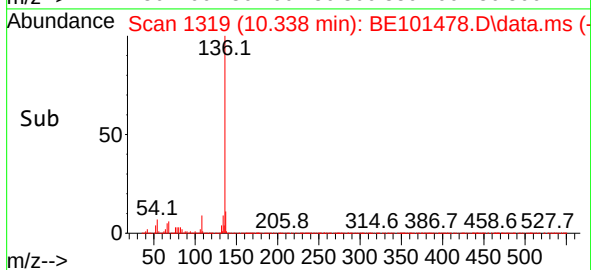
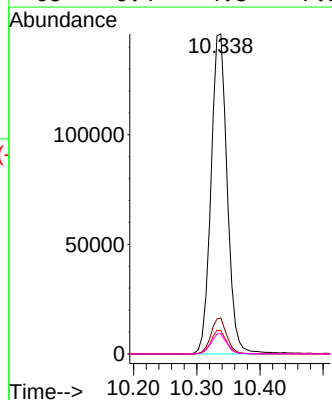
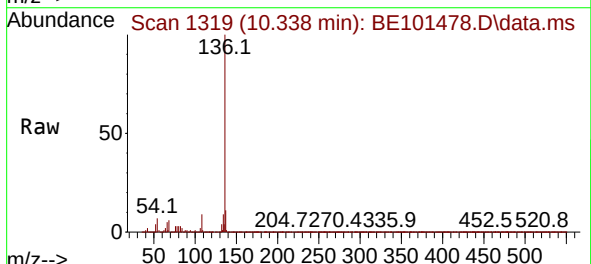
Instrument :
BNA_E
ClientSampleId :

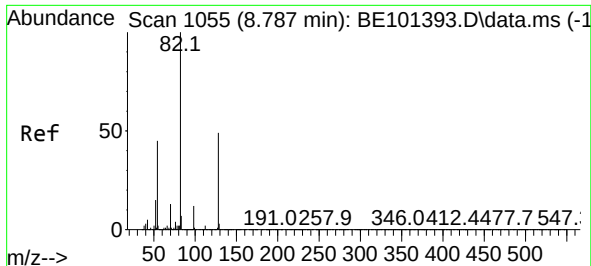
Tgt Ion: 99 Resp: 484331
Ion Ratio Lower Upper
99 100
42 16.0 12.3 18.5
71 30.0 23.8 35.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.338 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BE101478.D
Acq: 5 Nov 2024 14:32

Tgt Ion:136 Resp: 260070
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 7.2 5.9 8.9
68 6.4 4.8 7.2

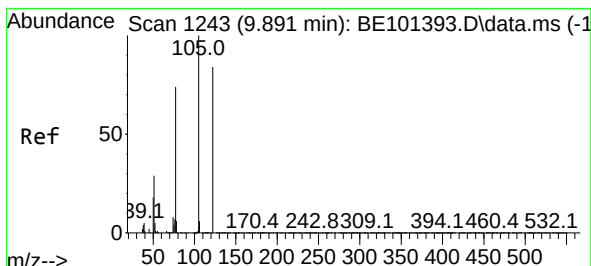
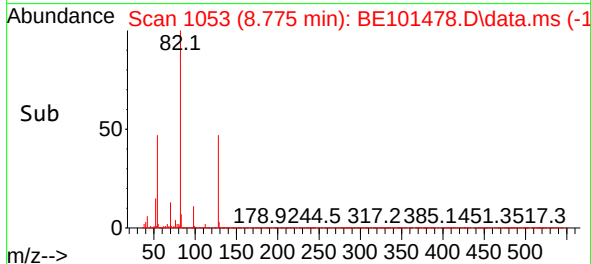
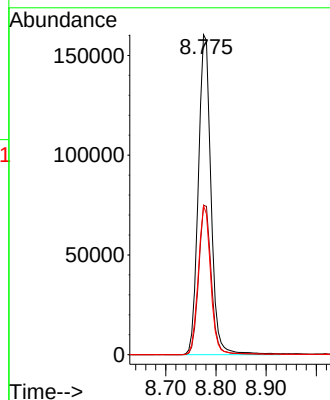
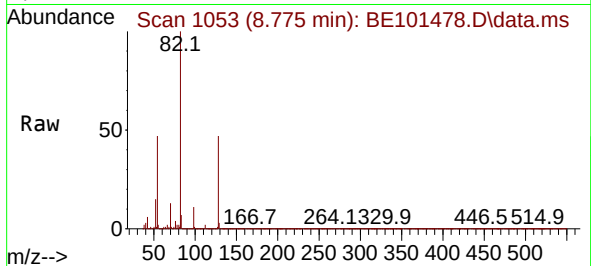




#23
Nitrobenzene-d5
Concen: 67.964 ng
RT: 8.775 min Scan# 1053
Delta R.T. -0.012 min
Lab File: BE101478.D
Acq: 5 Nov 2024 14:32

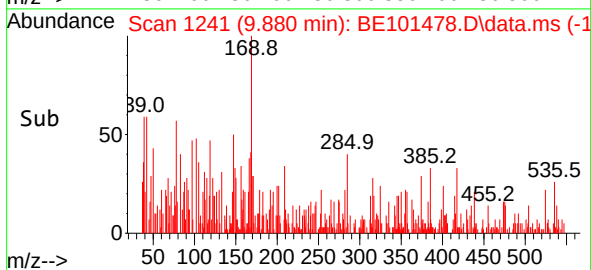
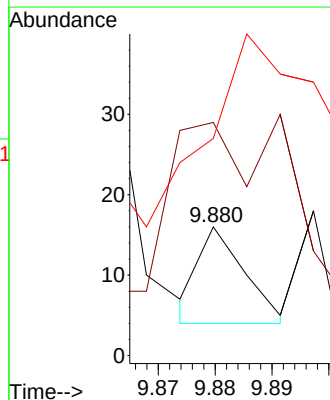
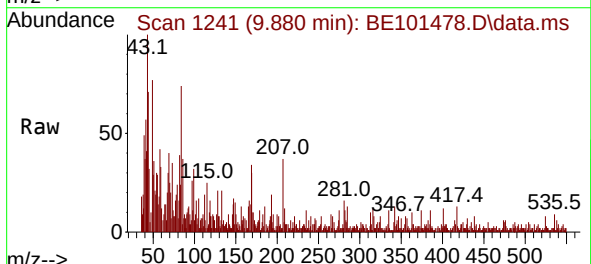
Instrument :
BNA_E
ClientSampleId :

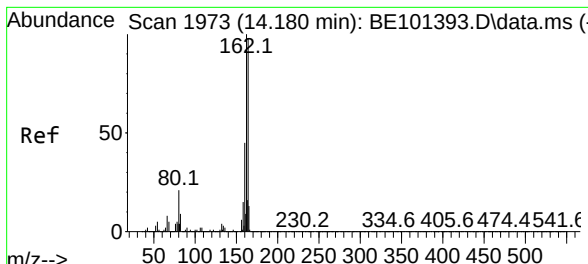
Tgt Ion: 82 Resp: 281414
Ion Ratio Lower Upper
82 100
128 46.7 38.9 58.3
54 46.5 36.2 54.4



#32
Benzoic acid
Concen: 8.218 ng
RT: 9.880 min Scan# 1241
Delta R.T. -0.011 min
Lab File: BE101478.D
Acq: 5 Nov 2024 14:32

Tgt Ion:122 Resp: 7
Ion Ratio Lower Upper
122 100
105 181.3 97.9 137.9#
77 168.8 68.1 108.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.175 min Scan# 1973

Delta R.T. -0.006 min

Lab File: BE101478.D

Acq: 5 Nov 2024 14:32

Instrument :

BNA_E

ClientSampleId :

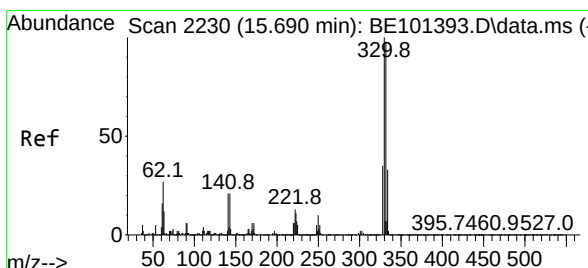
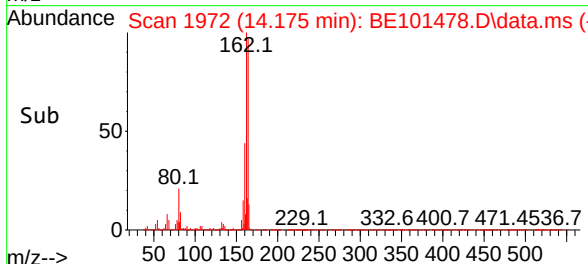
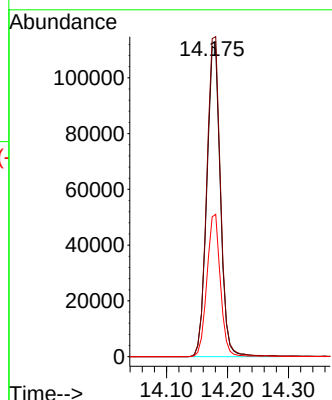
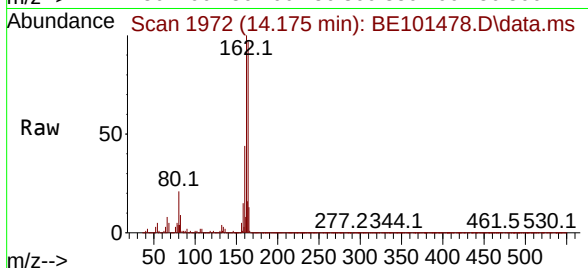
Tgt Ion:164 Resp: 173496

Ion Ratio Lower Upper

164 100

162 102.6 81.3 121.9

160 45.1 36.4 54.6



#42

2,4,6-Tribromophenol

Concen: 104.047 ng

RT: 15.685 min Scan# 2229

Delta R.T. -0.006 min

Lab File: BE101478.D

Acq: 5 Nov 2024 14:32

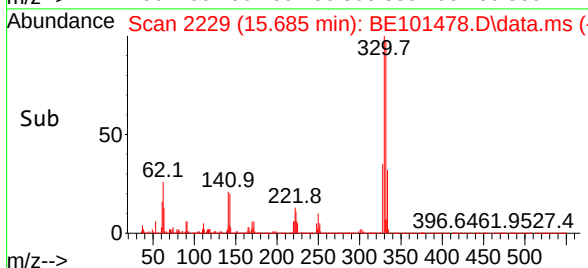
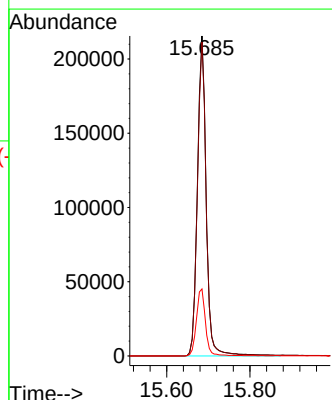
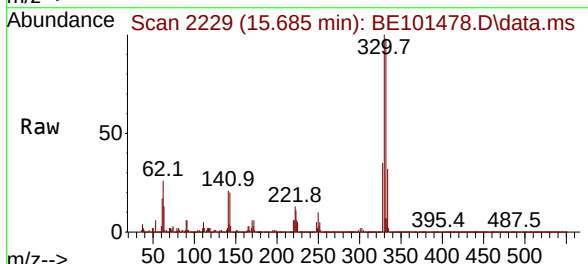
Tgt Ion:330 Resp: 316390

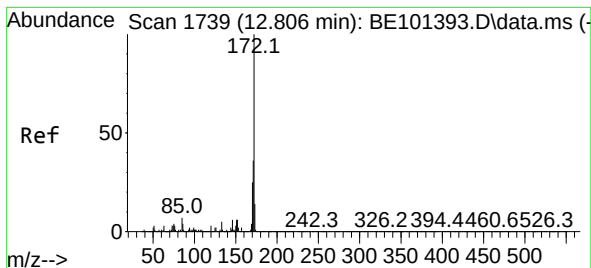
Ion Ratio Lower Upper

330 100

332 98.2 78.2 117.2

141 21.8 18.3 27.5





#45

2-Fluorobiphenyl

Concen: 73.025 ng

RT: 12.800 min Scan# 1

Delta R.T. -0.006 min

Lab File: BE101478.D

Acq: 5 Nov 2024 14:32

Instrument :

BNA_E

ClientSampleId :

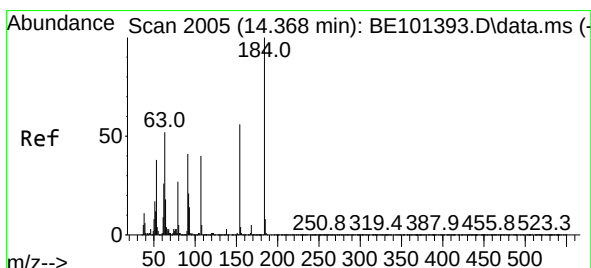
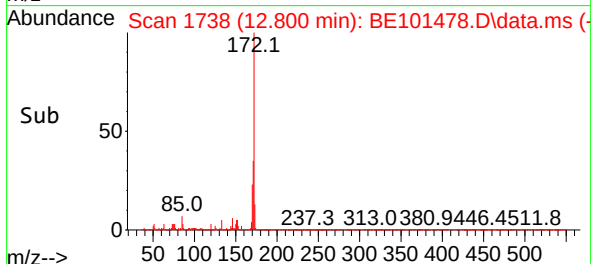
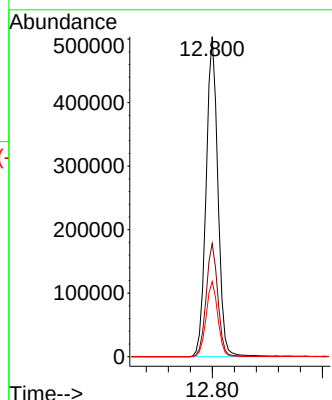
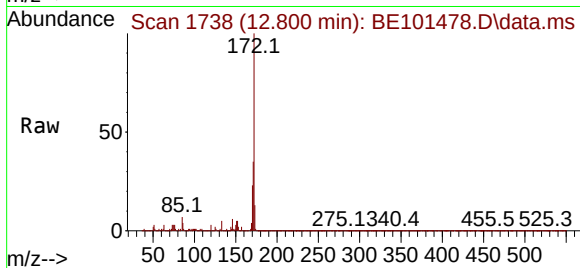
Tgt Ion:172 Resp: 748108

Ion Ratio Lower Upper

172 100

171 35.4 29.2 43.8

170 23.5 19.8 29.6



#54

2,4-Dinitrophenol

Concen: 5.625 ng

RT: 14.345 min Scan# 2001

Delta R.T. -0.023 min

Lab File: BE101478.D

Acq: 5 Nov 2024 14:32

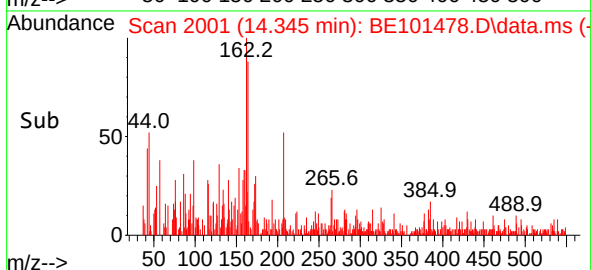
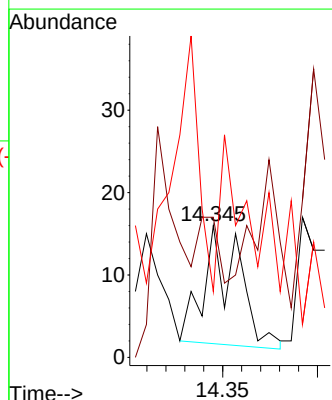
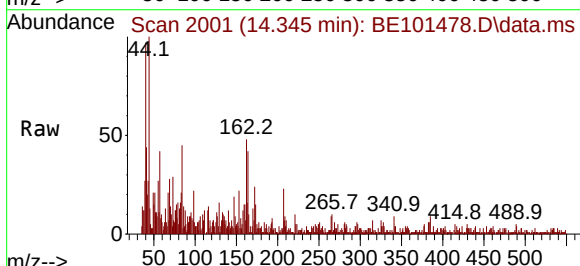
Tgt Ion:184 Resp: 18

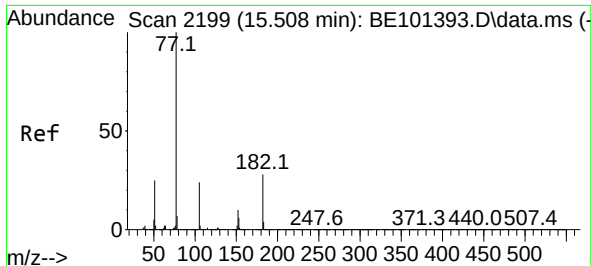
Ion Ratio Lower Upper

184 100

63 106.3 41.8 62.6#

154 50.0 44.9 67.3

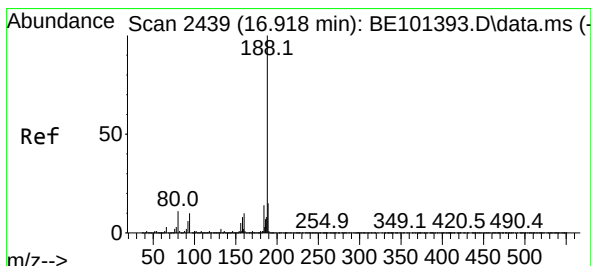
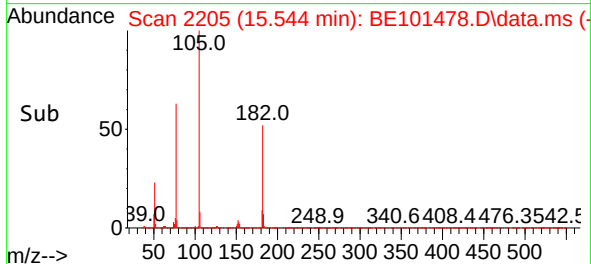
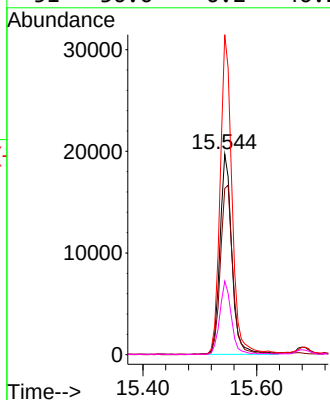
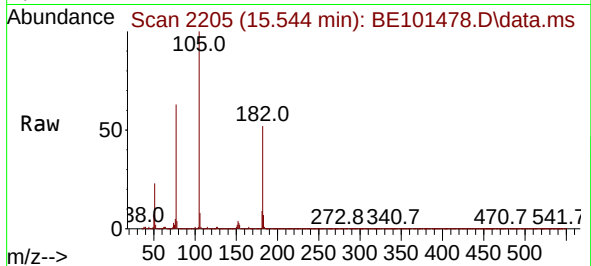




#63
Azobenzene
Concen: 2.631 ng
RT: 15.544 min Scan# 2199
Delta R.T. 0.035 min
Lab File: BE101478.D
Acq: 5 Nov 2024 14:32

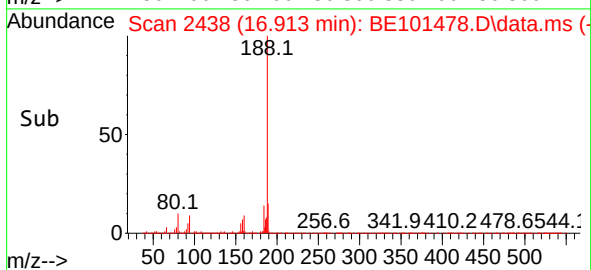
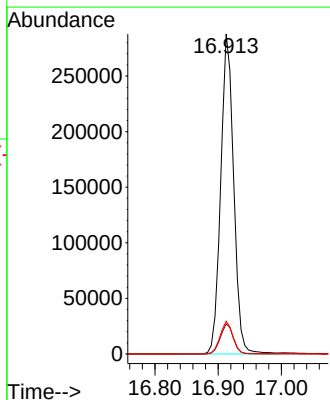
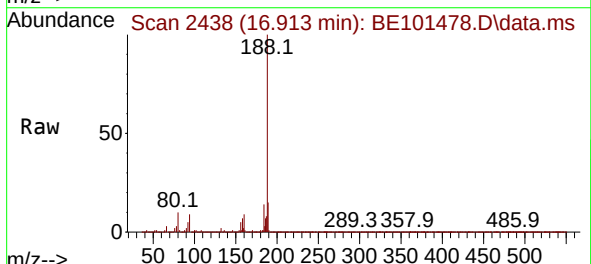
Instrument :
BNA_E
ClientSampleId :

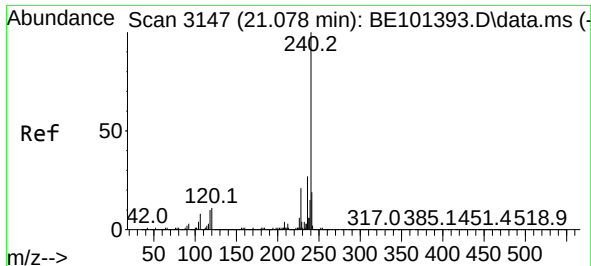
Tgt Ion: 77 Resp: 28972
Ion Ratio Lower Upper
77 100
182 82.9 7.6 47.6#
105 159.6 3.2 43.2#
51 36.6 6.2 46.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.913 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BE101478.D
Acq: 5 Nov 2024 14:32

Tgt Ion: 188 Resp: 409836
Ion Ratio Lower Upper
188 100
94 9.4 7.8 11.8
80 10.2 8.6 12.8

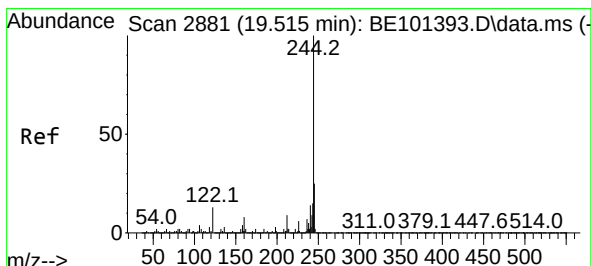
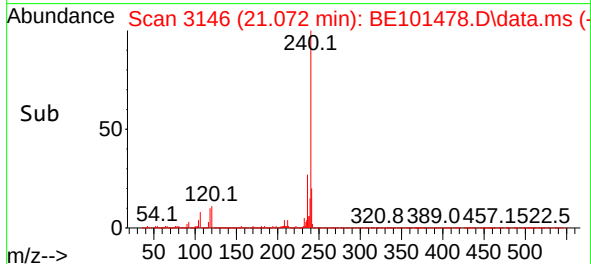
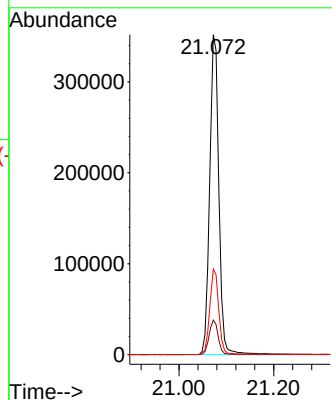
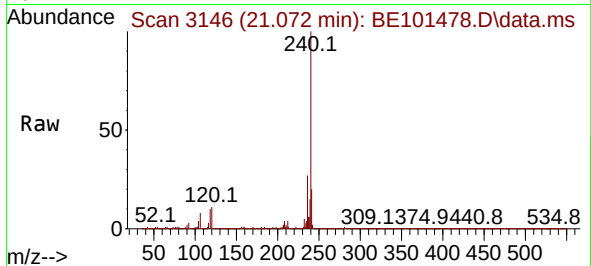




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.072 min Scan# 3147
Delta R.T. -0.006 min
Lab File: BE101478.D
Acq: 5 Nov 2024 14:32

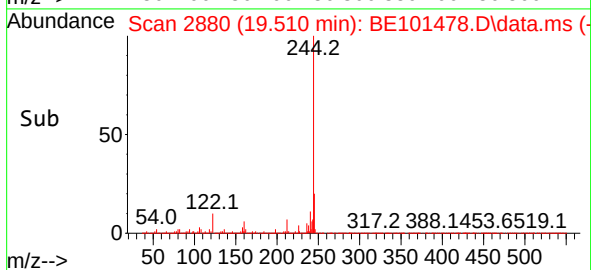
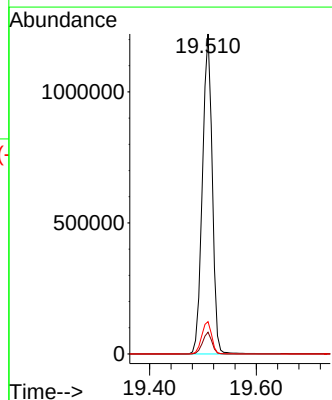
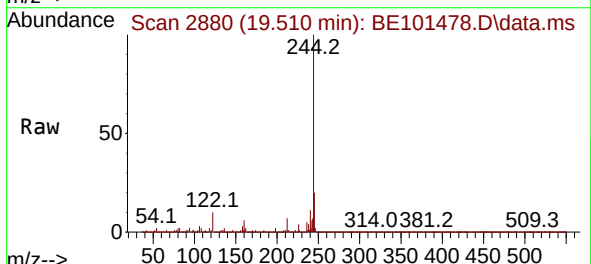
Instrument :
BNA_E
ClientSampleId :

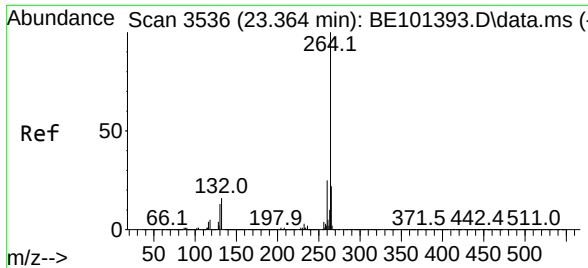
Tgt Ion:240 Resp: 472315
Ion Ratio Lower Upper
240 100
120 10.8 9.0 13.4
236 26.8 21.4 32.0



#79
Terphenyl-d14
Concen: 76.123 ng
RT: 19.510 min Scan# 2880
Delta R.T. -0.005 min
Lab File: BE101478.D
Acq: 5 Nov 2024 14:32

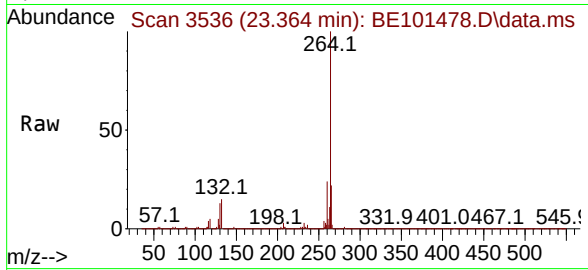
Tgt Ion:244 Resp: 1562171
Ion Ratio Lower Upper
244 100
212 6.8 7.2 10.8#
122 10.1 10.4 15.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.364 min Scan# 31
Delta R.T. 0.000 min
Lab File: BE101478.D
Acq: 5 Nov 2024 14:32

Instrument :
BNA_E
ClientSampleId :



Tgt Ion:264 Resp: 608790
Ion Ratio Lower Upper
264 100
260 24.1 19.8 29.8
265 21.6 17.6 26.4

