

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110424\
 Data File : BE101459.D
 Acq On : 4 Nov 2024 17:27
 Operator : RC/JU
 Sample : P4675-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 COMP-4

Quant Time: Nov 04 22:05:46 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)

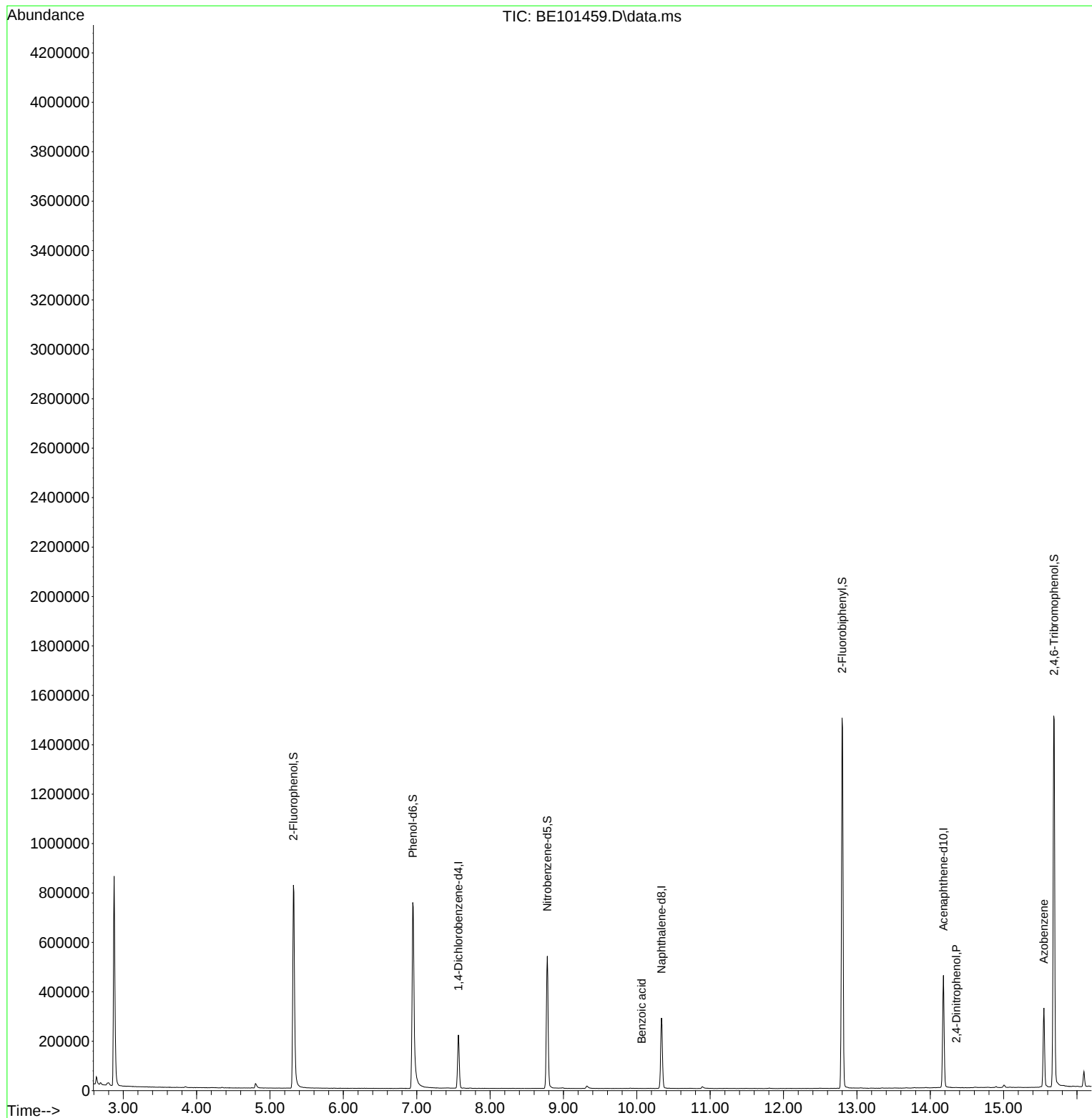
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	61796	20.000	ng	0.00
21) Naphthalene-d8	10.337	136	248097	20.000	ng	0.00
39) Acenaphthene-d10	14.179	164	157598	20.000	ng	0.00
64) Phenanthrene-d10	16.917	188	362960	20.000	ng	0.00
76) Chrysene-d12	21.077	240	488975	20.000	ng	0.00
86) Perylene-d12	23.363	264	682027	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.319	112	444956	126.199	ng	0.00
7) Phenol-d6	6.947	99	583371	119.325	ng	0.00
23) Nitrobenzene-d5	8.780	82	318550	80.645	ng	0.00
42) 2,4,6-Tribromophenol	15.689	330	393561	142.482	ng	0.00
45) 2-Fluorobiphenyl	12.799	172	822276	88.361	ng	0.00
79) Terphenyl-d14	19.508	244	1780577	83.810	ng	0.00
Target Compounds						
32) Benzoic acid	10.066	122	44	8.229	ng	Qvalue 87
54) 2,4-Dinitrophenol	14.355	184	14	5.624	ng	97
63) Azobenzene	15.548	77	88485	8.847	ng	# 1

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

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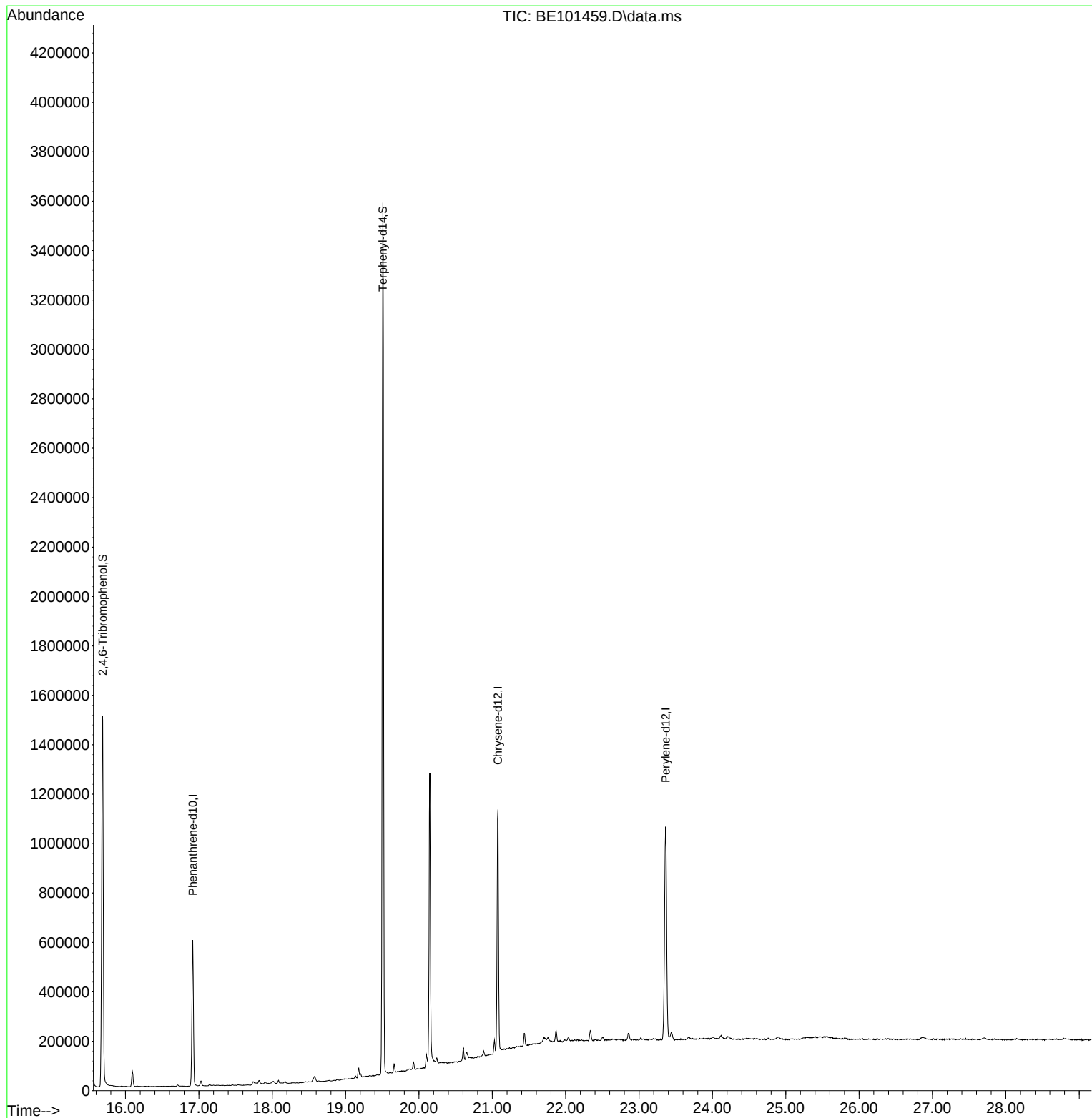
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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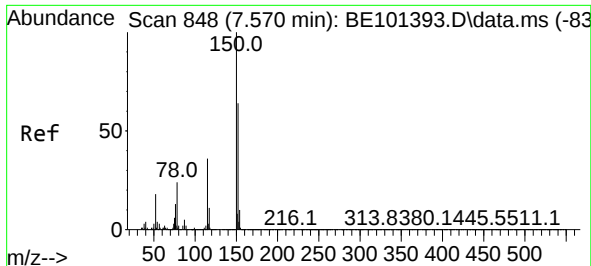


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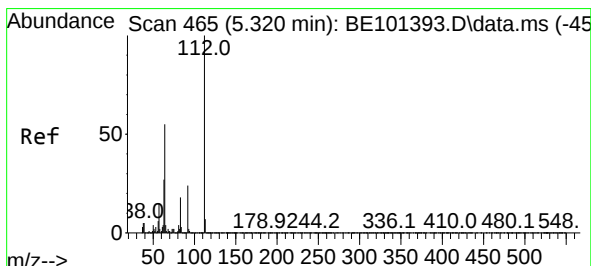
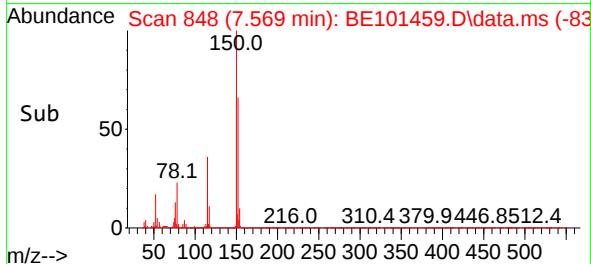
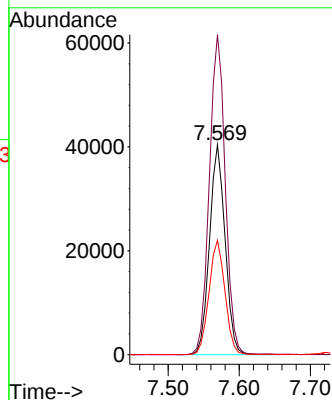
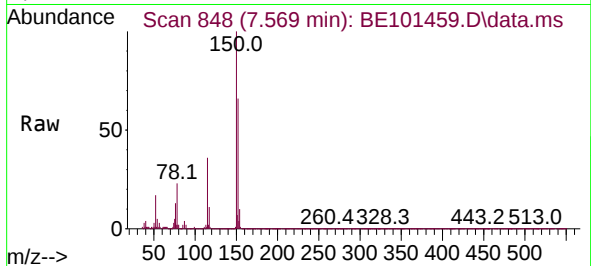




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.569 min Scan# 84
Delta R.T. -0.001 min
Lab File: BE101459.D
Acq: 4 Nov 2024 17:27

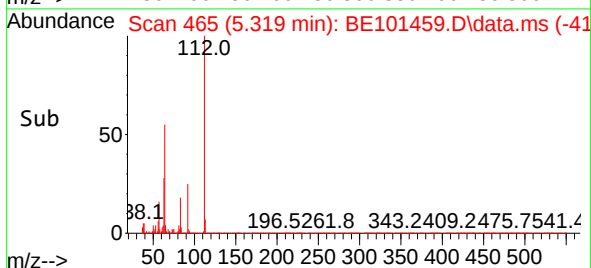
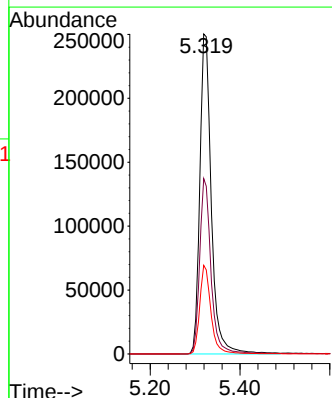
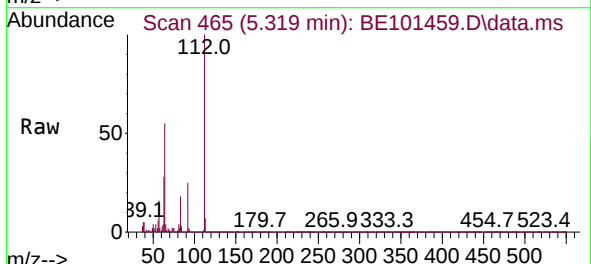
Instrument :
BNA_E
ClientSampleId :
COMP-4

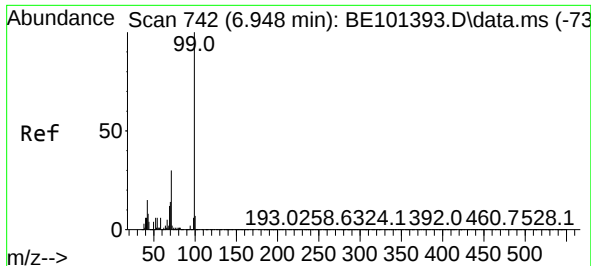
Tgt Ion:152 Resp: 61796
Ion Ratio Lower Upper
152 100
150 152.5 124.2 186.4
115 54.5 45.3 67.9



#5
2-Fluorophenol
Concen: 126.199 ng
RT: 5.319 min Scan# 465
Delta R.T. -0.001 min
Lab File: BE101459.D
Acq: 4 Nov 2024 17:27

Tgt Ion:112 Resp: 444956
Ion Ratio Lower Upper
112 100
64 54.8 43.7 65.5
63 27.7 21.4 32.2

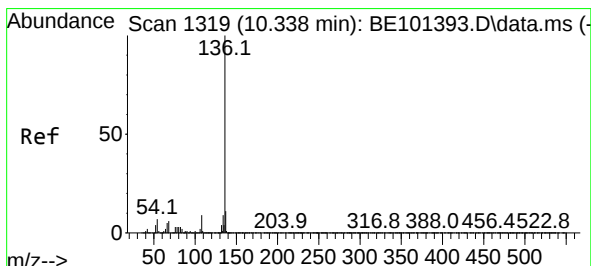
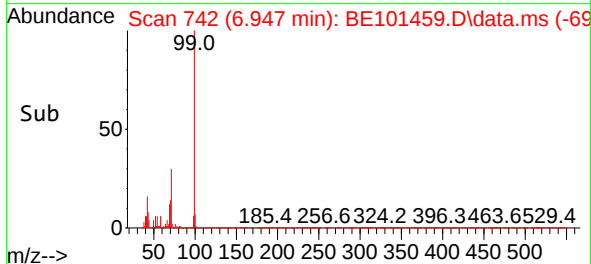
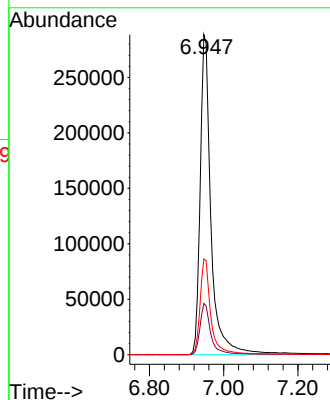
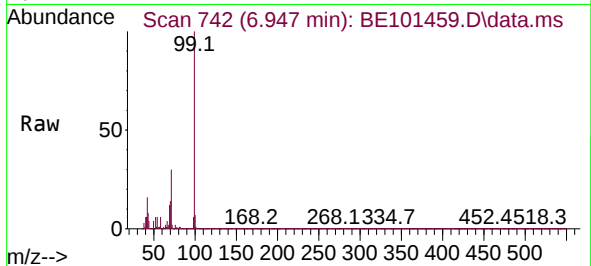




#7
Phenol-d6
Concen: 119.325 ng
RT: 6.947 min Scan# 742
Delta R.T. -0.001 min
Lab File: BE101459.D
Acq: 4 Nov 2024 17:27

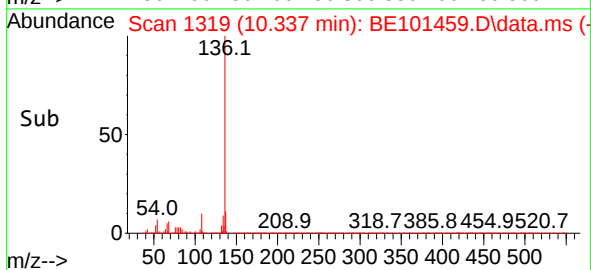
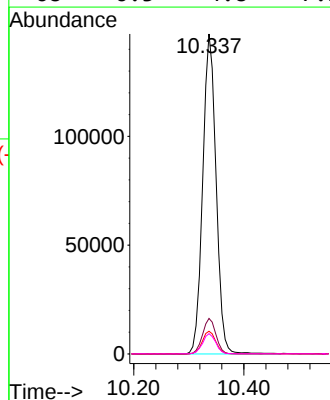
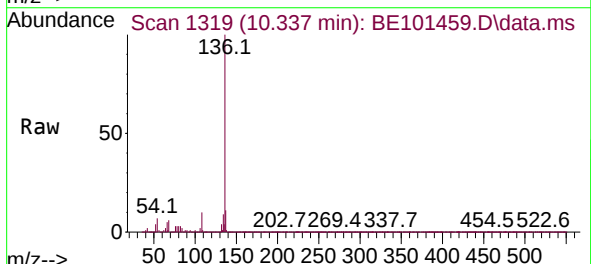
Instrument :
BNA_E
ClientSampleId :
COMP-4

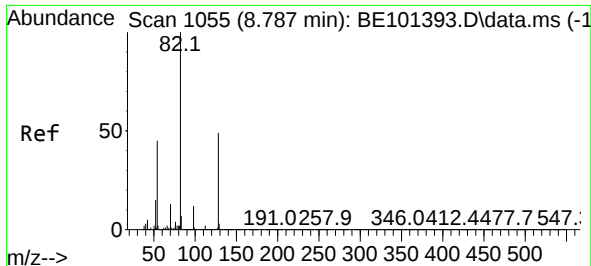
Tgt Ion: 99 Resp: 583371
Ion Ratio Lower Upper
99 100
42 16.0 12.3 18.5
71 29.9 23.8 35.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.337 min Scan# 1319
Delta R.T. -0.001 min
Lab File: BE101459.D
Acq: 4 Nov 2024 17:27

Tgt Ion: 136 Resp: 248097
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 7.1 5.9 8.9
68 6.3 4.8 7.2

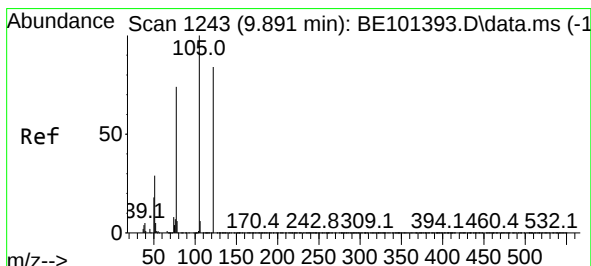
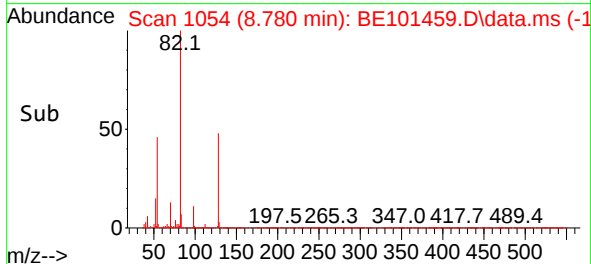
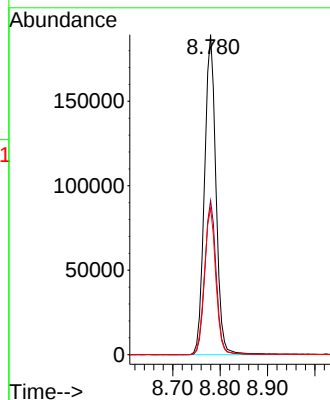
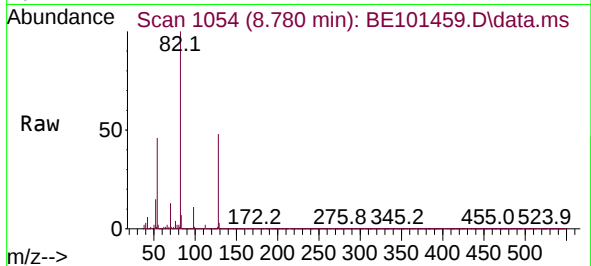




#23
Nitrobenzene-d5
Concen: 80.645 ng
RT: 8.780 min Scan# 1055
Delta R.T. -0.007 min
Lab File: BE101459.D
Acq: 4 Nov 2024 17:27

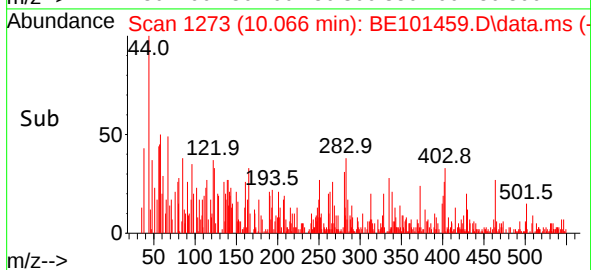
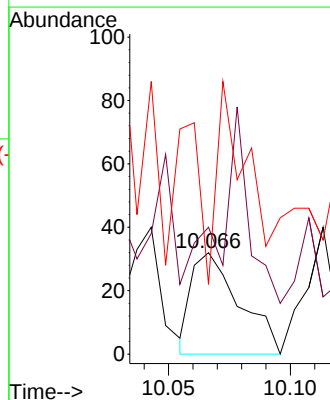
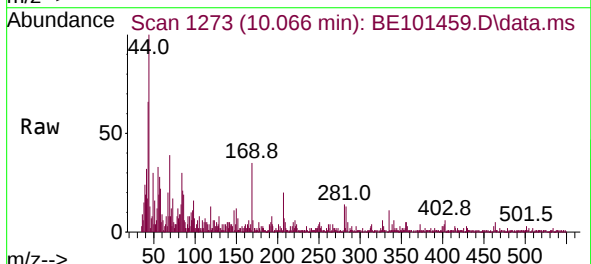
Instrument :
BNA_E
ClientSampleId :
COMP-4

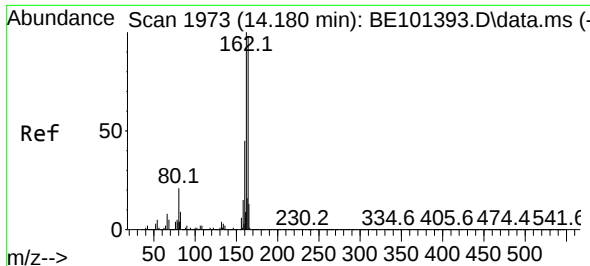
Tgt Ion: 82 Resp: 318550
Ion Ratio Lower Upper
82 100
128 48.1 38.9 58.3
54 45.8 36.2 54.4



#32
Benzoic acid
Concen: 8.229 ng
RT: 10.066 min Scan# 1273
Delta R.T. 0.175 min
Lab File: BE101459.D
Acq: 4 Nov 2024 17:27

Tgt Ion:122 Resp: 44
Ion Ratio Lower Upper
122 100
105 125.0 97.9 137.9
77 68.8 68.1 108.1

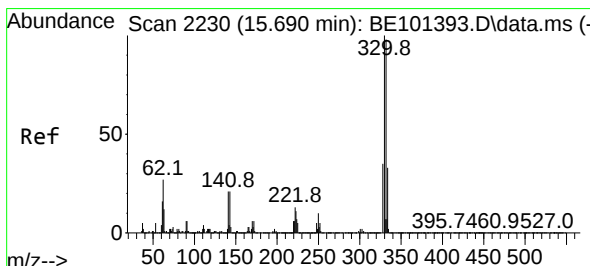
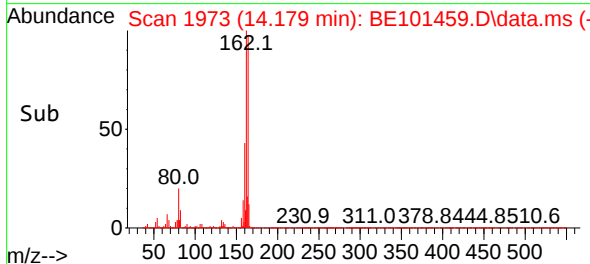
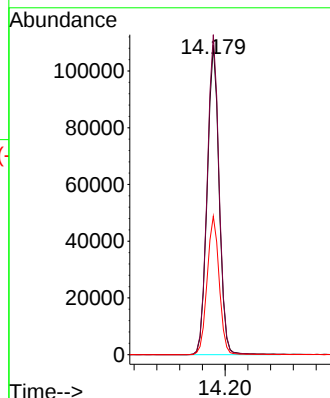
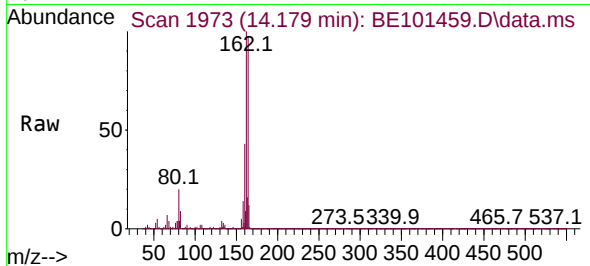




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.179 min Scan# 1973
Delta R.T. -0.001 min
Lab File: BE101459.D
Acq: 4 Nov 2024 17:27

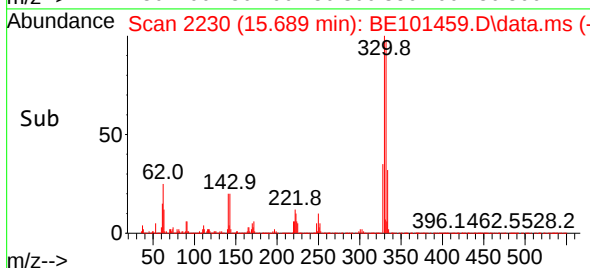
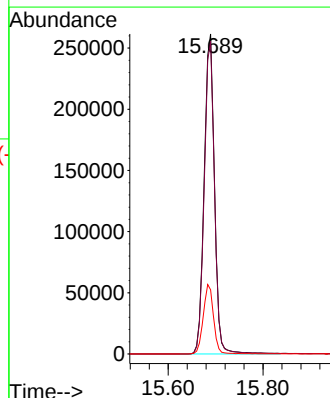
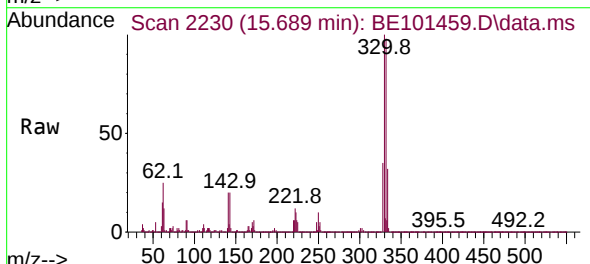
Instrument :
BNA_E
ClientSampleId :
COMP-4

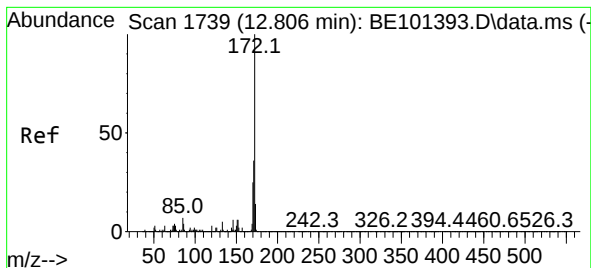
Tgt Ion:164 Resp: 157598
Ion Ratio Lower Upper
164 100
162 103.3 81.3 121.9
160 44.7 36.4 54.6



#42
2,4,6-Tribromophenol
Concen: 142.482 ng
RT: 15.689 min Scan# 2230
Delta R.T. -0.001 min
Lab File: BE101459.D
Acq: 4 Nov 2024 17:27

Tgt Ion:330 Resp: 393561
Ion Ratio Lower Upper
330 100
332 97.2 78.2 117.2
141 21.8 18.3 27.5





#45

2-Fluorobiphenyl

Concen: 88.361 ng

RT: 12.799 min Scan# 1

Delta R.T. -0.007 min

Lab File: BE101459.D

Acq: 4 Nov 2024 17:27

Instrument :

BNA_E

ClientSampleId :

COMP-4

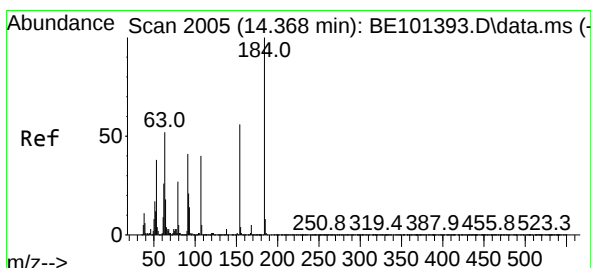
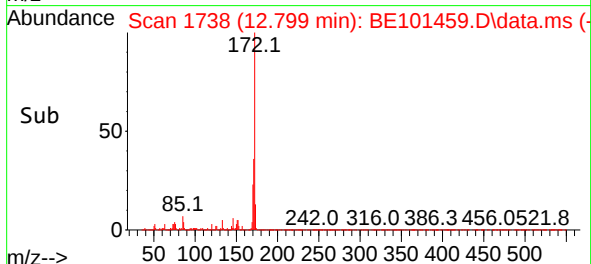
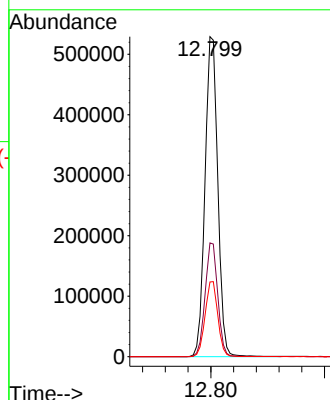
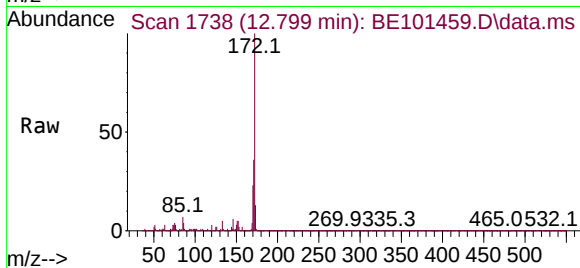
Tgt Ion:172 Resp: 822276

Ion Ratio Lower Upper

172 100

171 35.5 29.2 43.8

170 23.4 19.8 29.6



#54

2,4-Dinitrophenol

Concen: 5.624 ng

RT: 14.355 min Scan# 2003

Delta R.T. -0.013 min

Lab File: BE101459.D

Acq: 4 Nov 2024 17:27

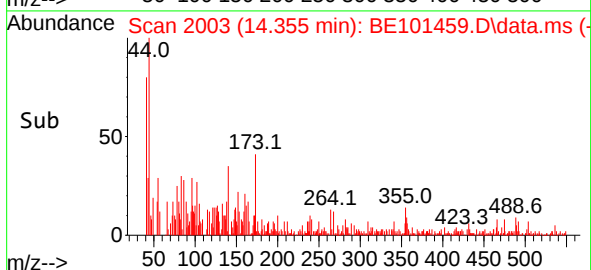
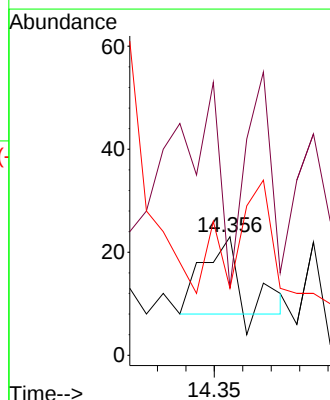
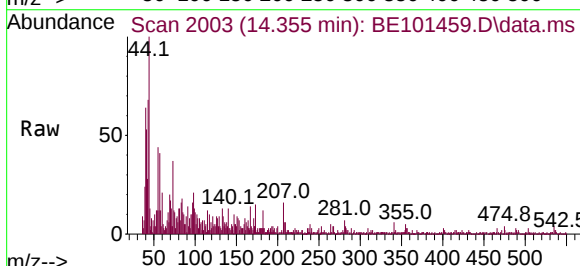
Tgt Ion:184 Resp: 14

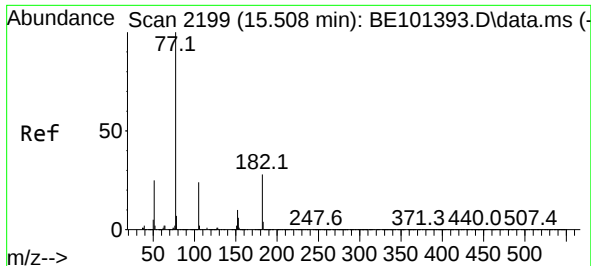
Ion Ratio Lower Upper

184 100

63 56.5 41.8 62.6

154 56.5 44.9 67.3

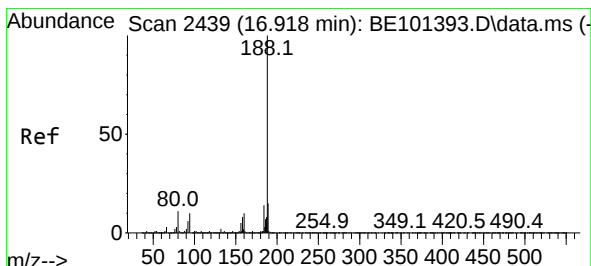
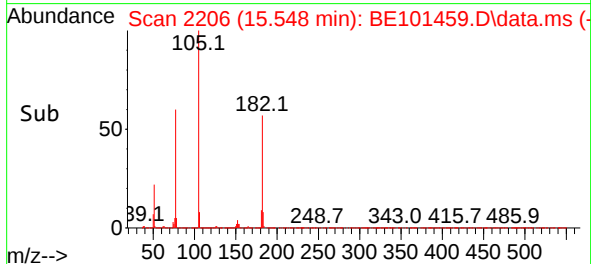
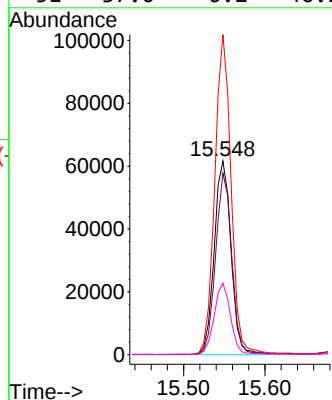
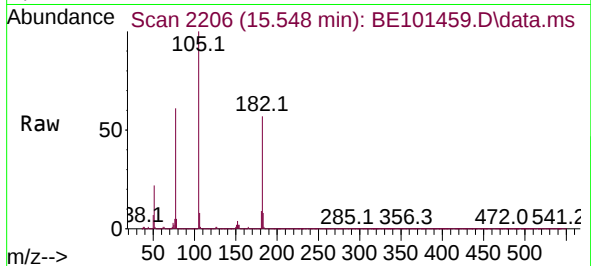




#63
Azobenzene
Concen: 8.847 ng
RT: 15.548 min Scan# 2199
Delta R.T. 0.040 min
Lab File: BE101459.D
Acq: 4 Nov 2024 17:27

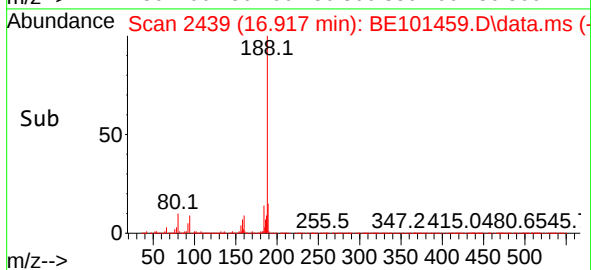
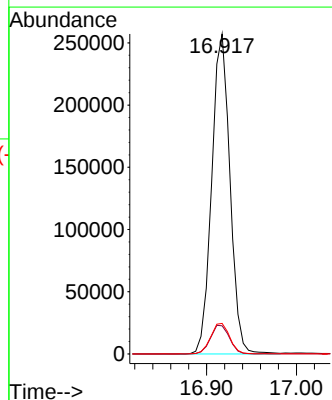
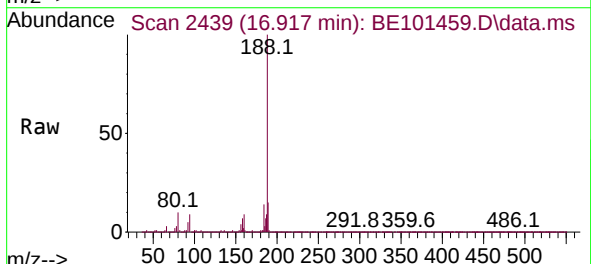
Instrument :
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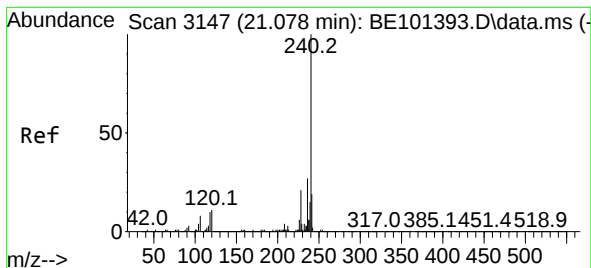
Tgt Ion: 77	Resp: 88485
Ion Ratio	Lower Upper
77 100	
182 93.7	7.6 47.6#
105 165.3	3.2 43.2#
51 37.0	6.2 46.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.917 min Scan# 2439
Delta R.T. -0.001 min
Lab File: BE101459.D
Acq: 4 Nov 2024 17:27

Tgt Ion: 188	Resp: 362960
Ion Ratio	Lower Upper
188 100	
94 8.8	7.8 11.8
80 9.6	8.6 12.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.077 min Scan# 3147

Delta R.T. -0.001 min

Lab File: BE101459.D

Acq: 4 Nov 2024 17:27

Instrument :

BNA_E

ClientSampleId :

COMP-4

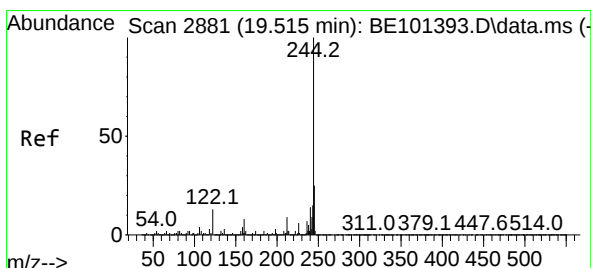
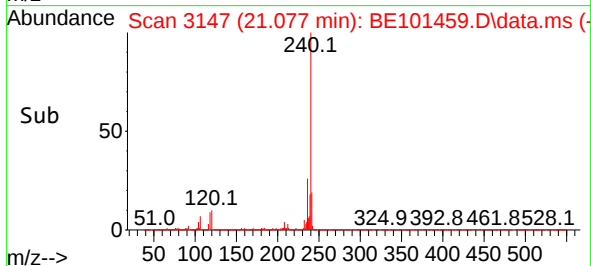
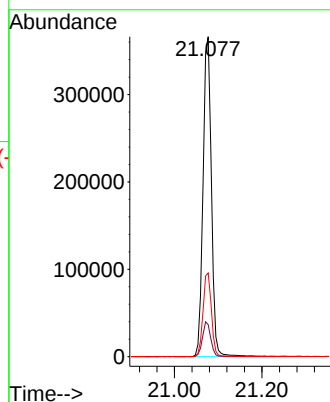
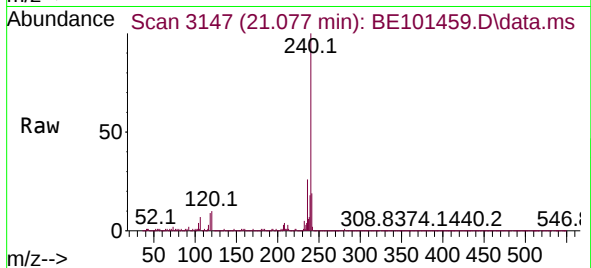
Tgt Ion:240 Resp: 488975

Ion Ratio Lower Upper

240 100

120 10.0 9.0 13.4

236 26.2 21.4 32.0



#79

Terphenyl-d14

Concen: 83.810 ng

RT: 19.508 min Scan# 2880

Delta R.T. -0.007 min

Lab File: BE101459.D

Acq: 4 Nov 2024 17:27

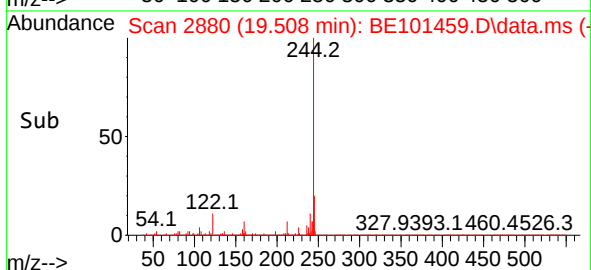
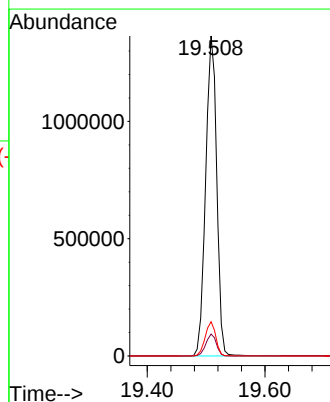
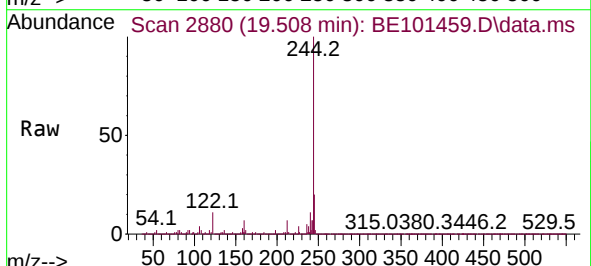
Tgt Ion:244 Resp: 1780577

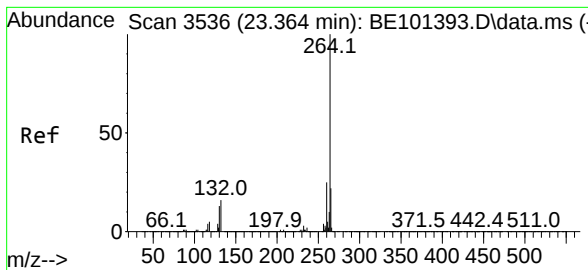
Ion Ratio Lower Upper

244 100

212 6.8 7.2 10.8#

122 10.7 10.4 15.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.363 min Scan# 31
 Delta R.T. -0.001 min
 Lab File: BE101459.D
 Acq: 4 Nov 2024 17:27

Instrument :
 BNA_E
 ClientSampleId :
 COMP-4

Tgt Ion:264 Resp: 682027

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.8	29.8
265	21.4	17.6	26.4

