

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110524\
 Data File : BE101486.D
 Acq On : 5 Nov 2024 19:15
 Operator : RC/JU
 Sample : P4682-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 06 00:03:29 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)

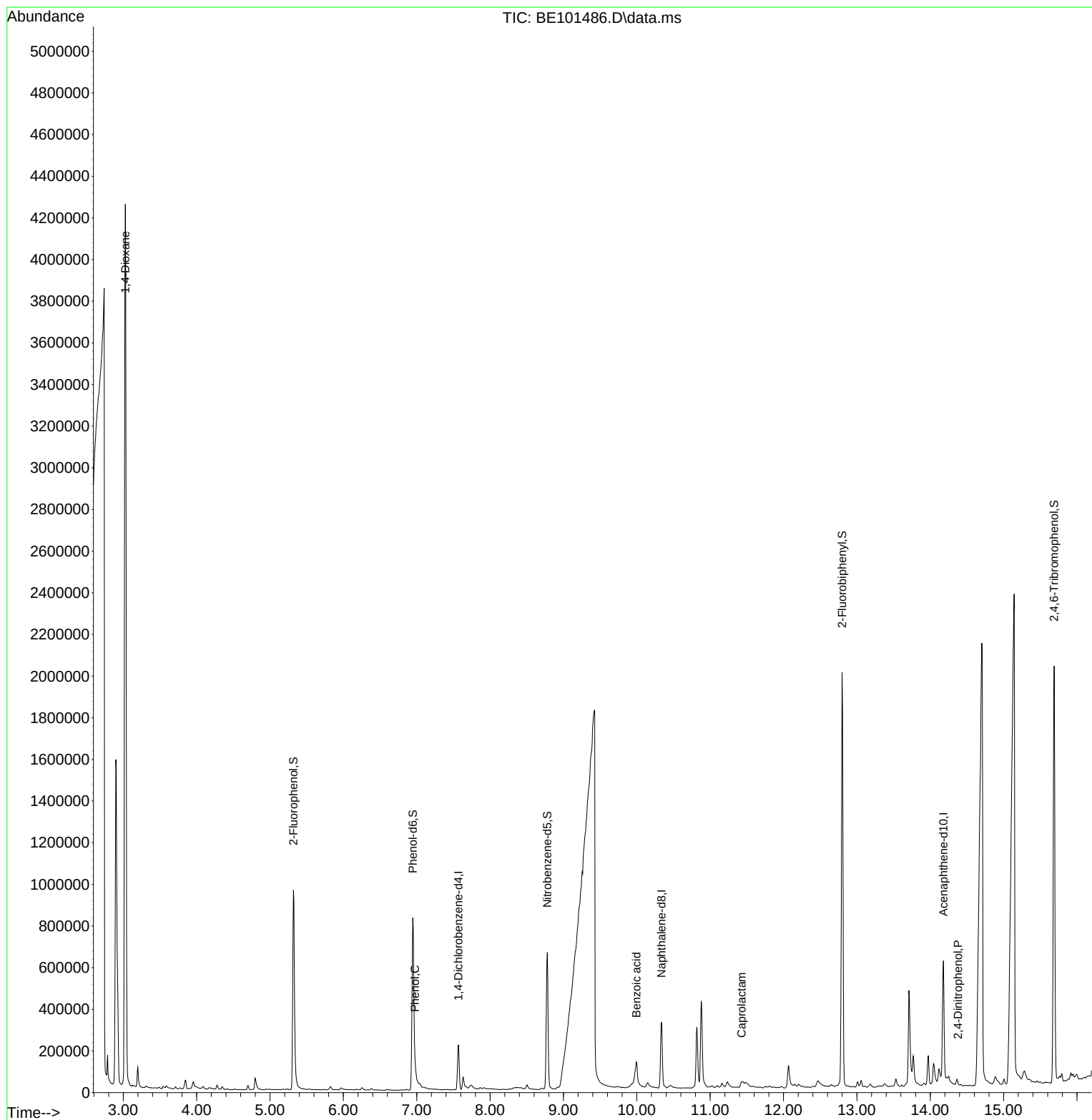
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	62298	20.000	ng	0.00
21) Naphthalene-d8	10.337	136	283913	20.000	ng	0.00
39) Acenaphthene-d10	14.179	164	202540	20.000	ng	0.00
64) Phenanthrene-d10	16.917	188	480864	20.000	ng	0.00
76) Chrysene-d12	21.077	240	520965	20.000	ng	0.00
86) Perylene-d12	23.374	264	659503	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.319	112	509097	143.227	ng	0.00
7) Phenol-d6	6.947	99	668526	135.641	ng	0.00
23) Nitrobenzene-d5	8.780	82	391402	86.589	ng	0.00
42) 2,4,6-Tribromophenol	15.689	330	520250	146.555	ng	0.00
45) 2-Fluorobiphenyl	12.799	172	1058488	88.505	ng	0.00
79) Terphenyl-d14	19.514	244	2158494	95.359	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.028	88	107262	80.908	ng	# 1
10) Phenol	6.976	94	11598	2.169	ng	# 62
32) Benzoic acid	9.996	122	80347	30.340	ng	98
35) Caprolactam	11.430	113	6081	3.919	ng	91
54) 2,4-Dinitrophenol	14.379	184	54	5.638	ng	# 1

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

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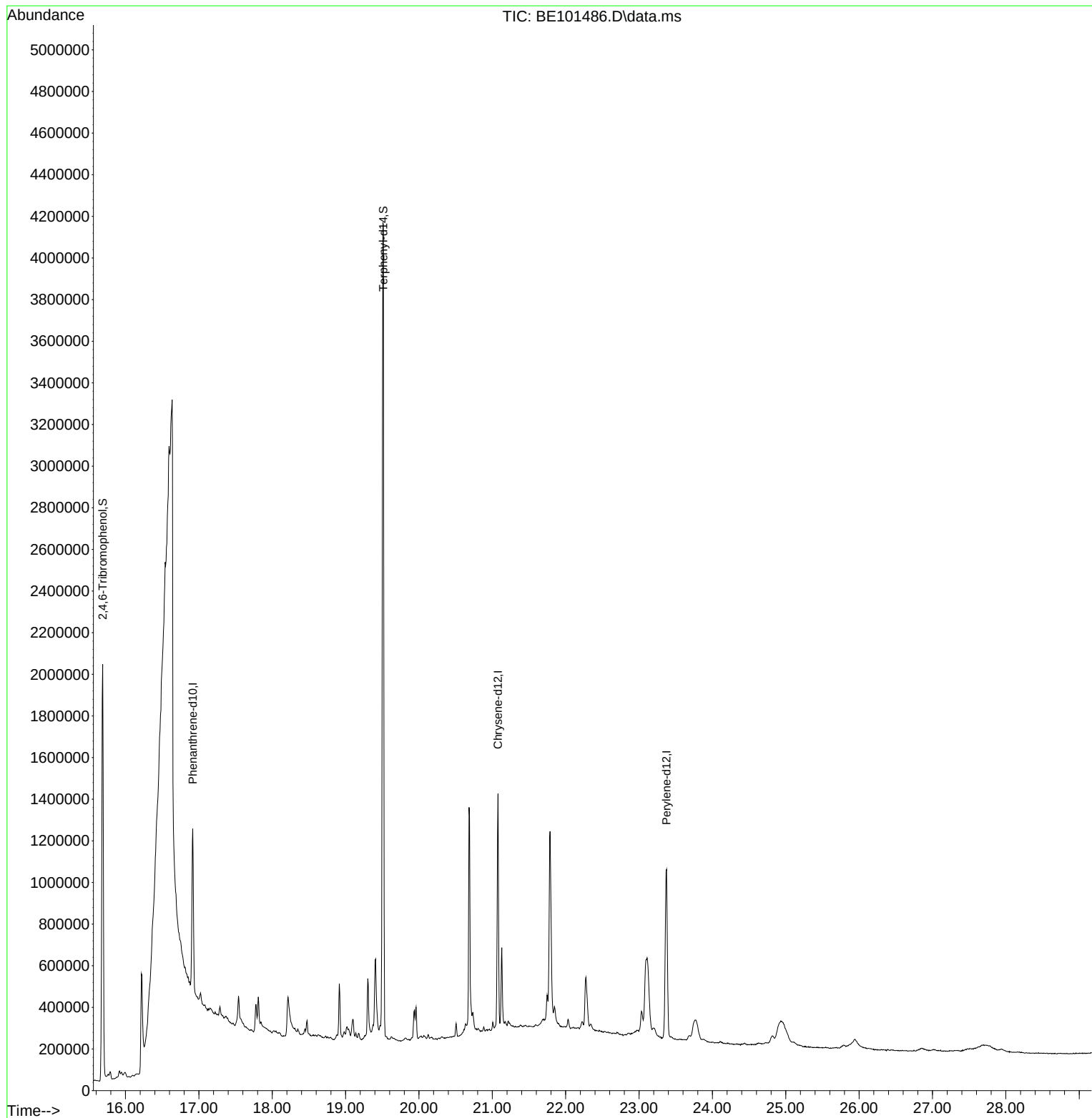
Quant Time: Nov 06 00:03:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 29 01:26:30 2024
Response via : Initial Calibration

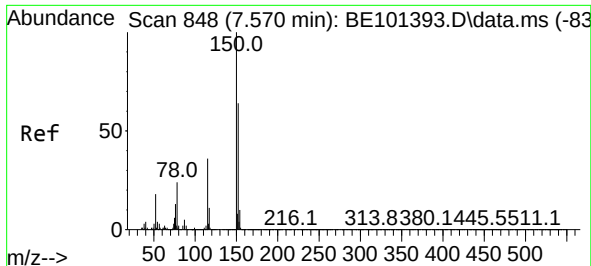


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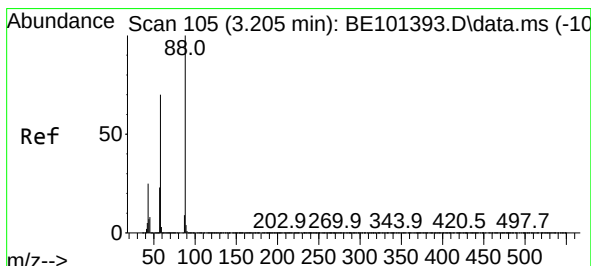
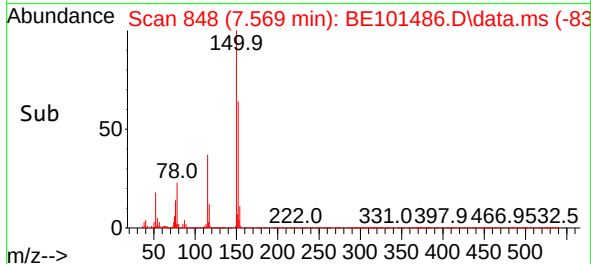
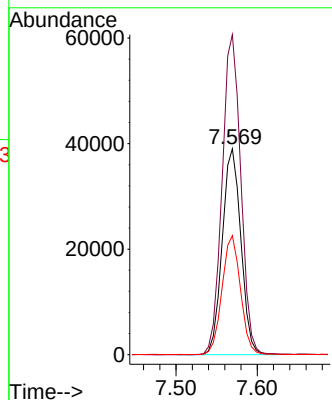
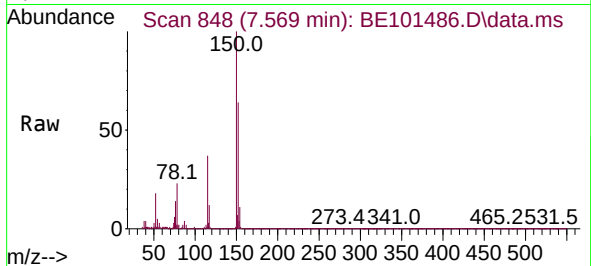




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.569 min Scan# 84
 Delta R.T. -0.001 min
 Lab File: BE101486.D
 Acq: 5 Nov 2024 19:15

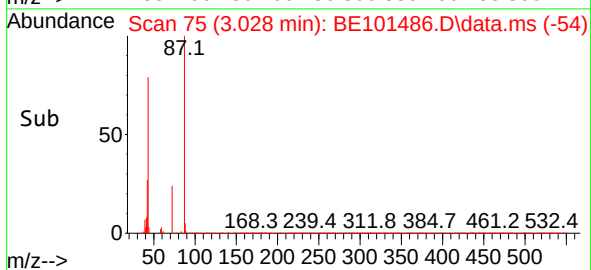
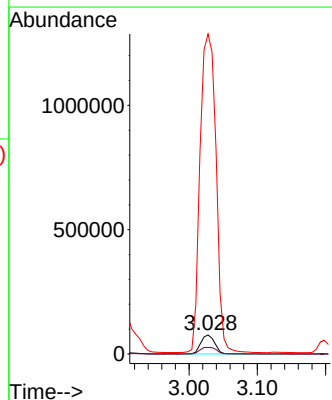
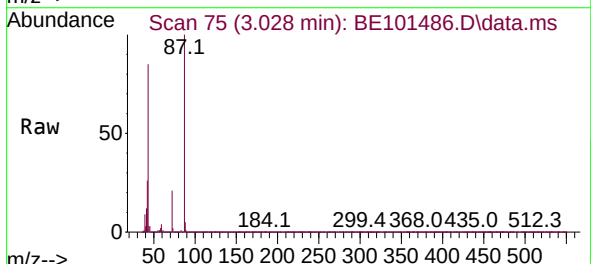
Instrument :
 BNA_E
 ClientSampleId :

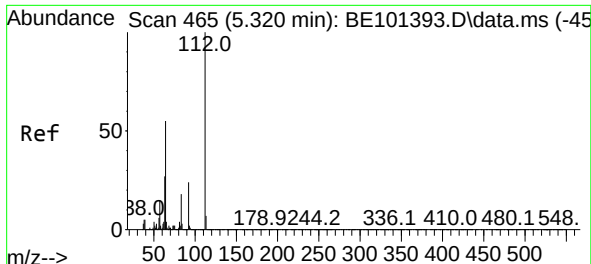
Tgt Ion:152 Resp: 62298
 Ion Ratio Lower Upper
 152 100
 150 155.4 124.2 186.4
 115 57.8 45.3 67.9



#2
 1,4-Dioxane
 Concen: 80.908 ng
 RT: 3.028 min Scan# 75
 Delta R.T. -0.177 min
 Lab File: BE101486.D
 Acq: 5 Nov 2024 19:15

Tgt Ion: 88 Resp: 107262
 Ion Ratio Lower Upper
 88 100
 58 40.5 56.5 84.7#
 43 1938.8 19.8 29.8#

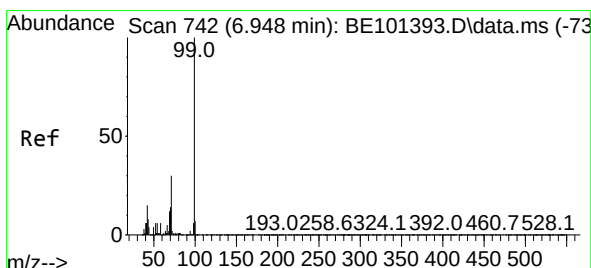
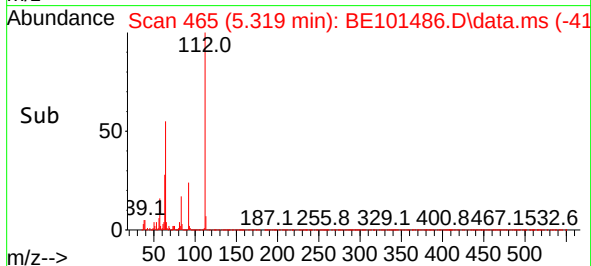
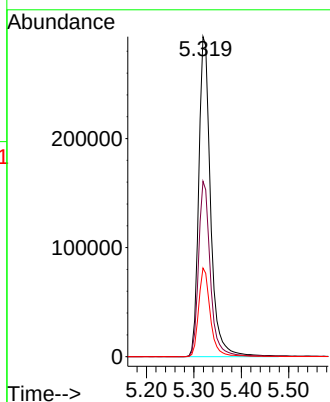
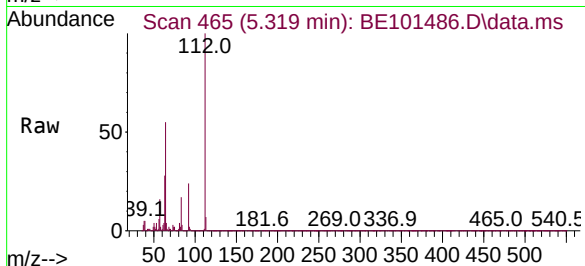




#5
2-Fluorophenol
Concen: 143.227 ng
RT: 5.319 min Scan# 409
Delta R.T. -0.001 min
Lab File: BE101486.D
Acq: 5 Nov 2024 19:15

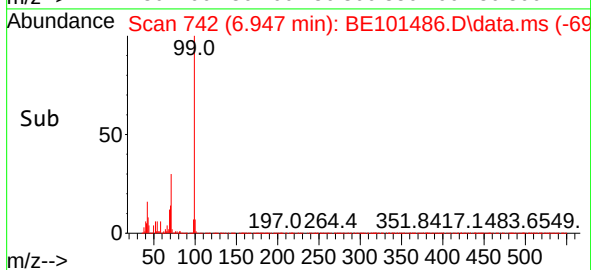
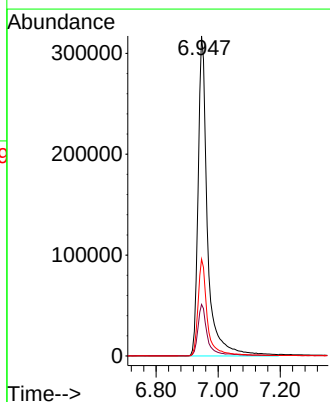
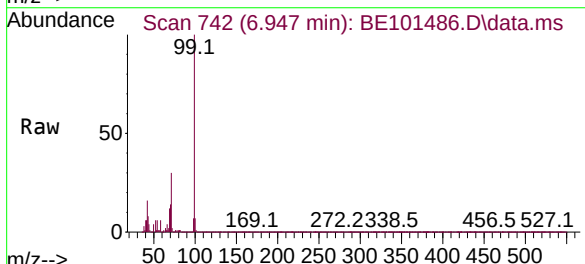
Instrument :
BNA_E
ClientSampleId :

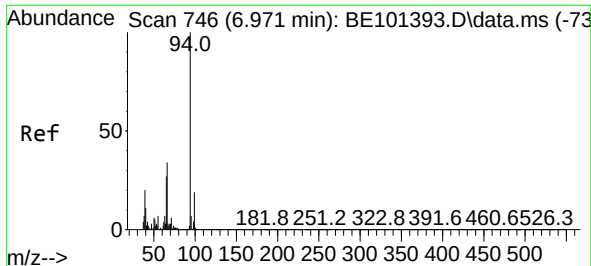
Tgt Ion:112 Resp: 509097
Ion Ratio Lower Upper
112 100
64 54.8 43.7 65.5
63 27.7 21.4 32.2



#7
Phenol-d6
Concen: 135.641 ng
RT: 6.947 min Scan# 742
Delta R.T. -0.001 min
Lab File: BE101486.D
Acq: 5 Nov 2024 19:15

Tgt Ion: 99 Resp: 668526
Ion Ratio Lower Upper
99 100
42 16.1 12.3 18.5
71 30.2 23.8 35.8

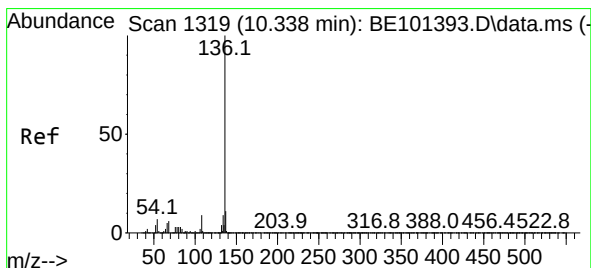
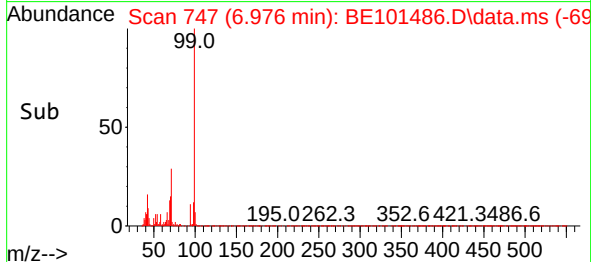
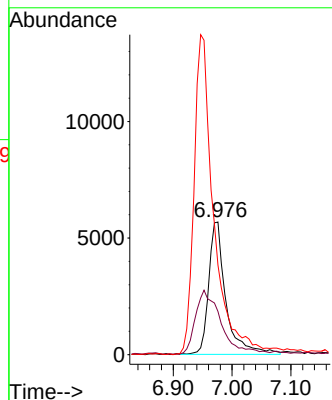
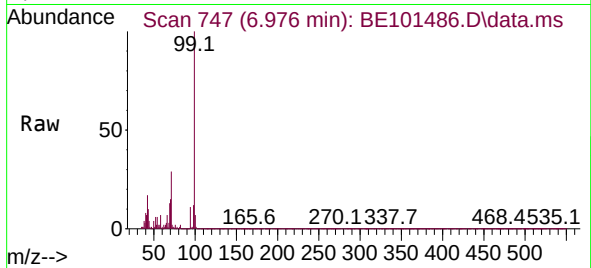




#10
Phenol
Concen: 2.169 ng
RT: 6.976 min Scan# 746
Delta R.T. 0.005 min
Lab File: BE101486.D
Acq: 5 Nov 2024 19:15

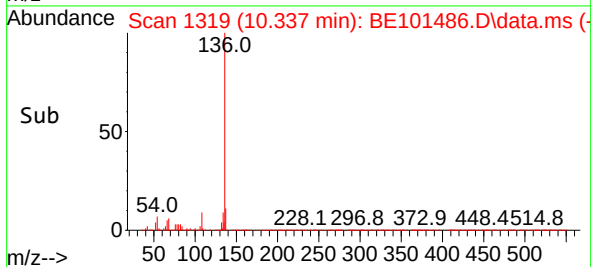
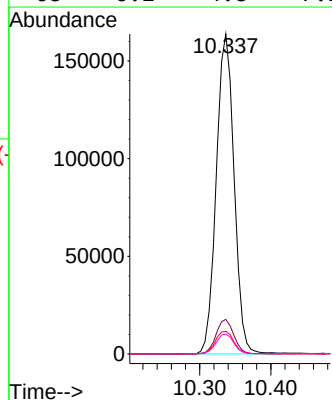
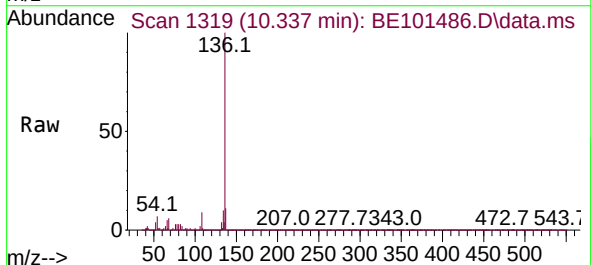
Instrument :
BNA_E
ClientSampleId :

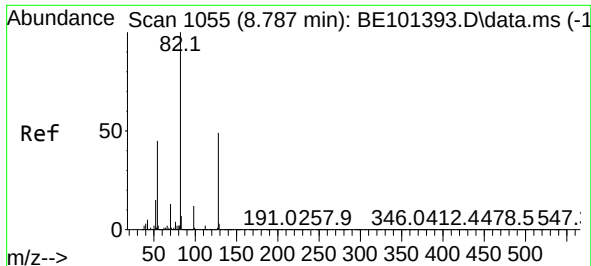
Tgt Ion: 94 Resp: 11598
Ion Ratio Lower Upper
94 100
65 32.6 6.8 46.8
66 67.6 14.0 54.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.337 min Scan# 1319
Delta R.T. -0.001 min
Lab File: BE101486.D
Acq: 5 Nov 2024 19:15

Tgt Ion:136 Resp: 283913
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 7.1 5.9 8.9
68 6.2 4.8 7.2

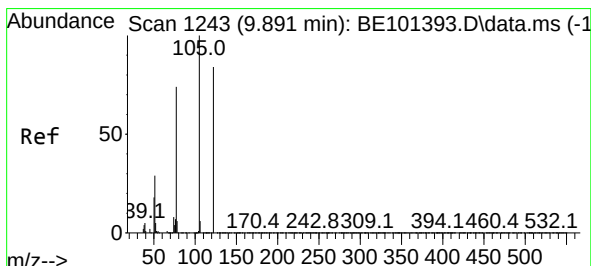
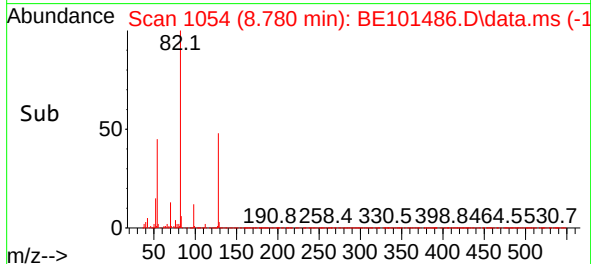
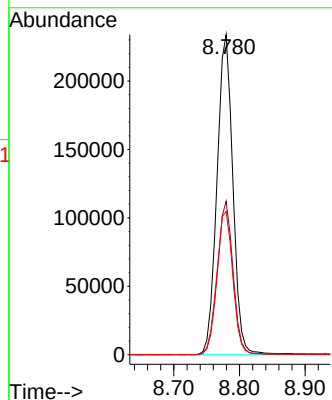
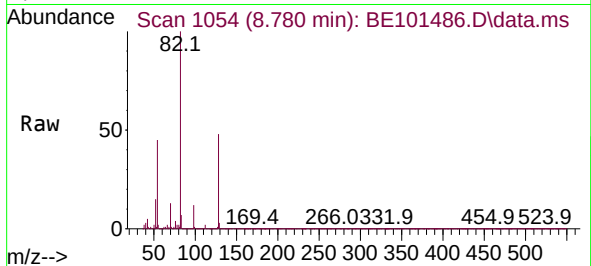




#23
Nitrobenzene-d5
Concen: 86.589 ng
RT: 8.780 min Scan# 1055
Delta R.T. -0.007 min
Lab File: BE101486.D
Acq: 5 Nov 2024 19:15

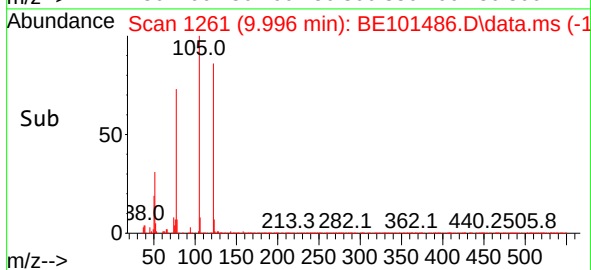
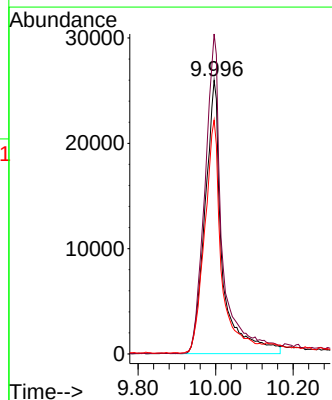
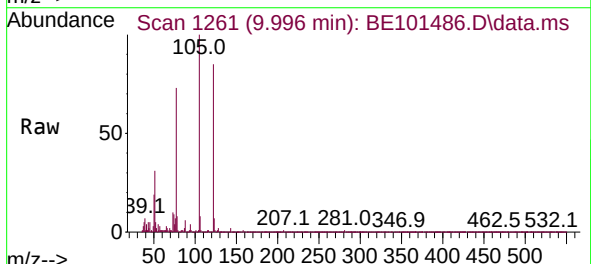
Instrument :
BNA_E
ClientSampleId :

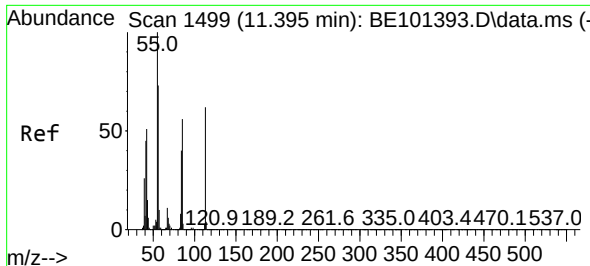
Tgt Ion: 82 Resp: 391402
Ion Ratio Lower Upper
82 100
128 47.9 38.9 58.3
54 44.8 36.2 54.4



#32
Benzoic acid
Concen: 30.340 ng
RT: 9.996 min Scan# 1261
Delta R.T. 0.105 min
Lab File: BE101486.D
Acq: 5 Nov 2024 19:15

Tgt Ion: 122 Resp: 80347
Ion Ratio Lower Upper
122 100
105 117.0 97.9 137.9
77 85.5 68.1 108.1

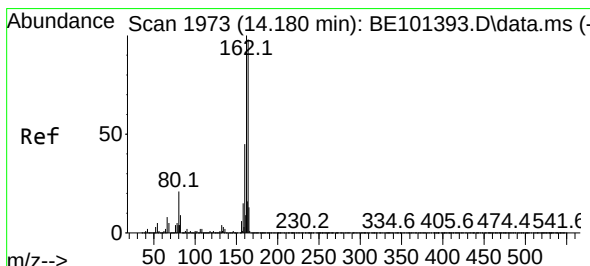
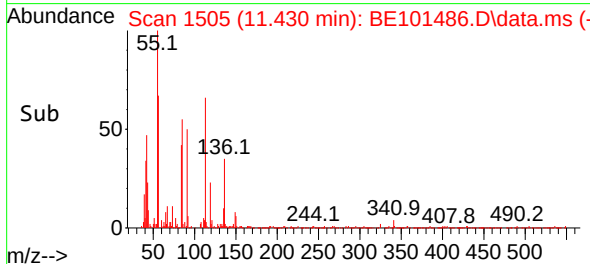
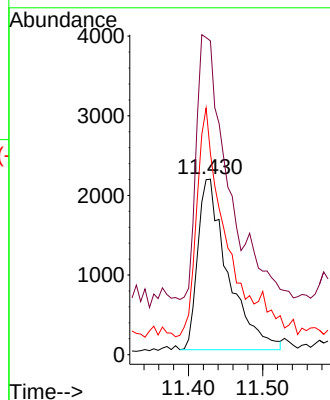
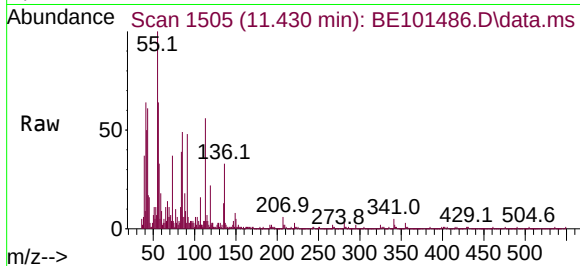




#35
Caprolactam
Concen: 3.919 ng
RT: 11.430 min Scan# 113
Delta R.T. 0.034 min
Lab File: BE101486.D
Acq: 5 Nov 2024 19:15

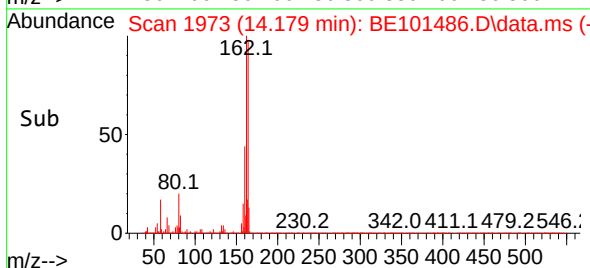
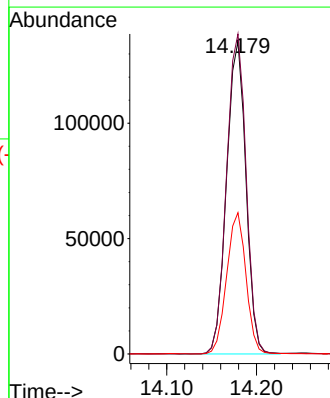
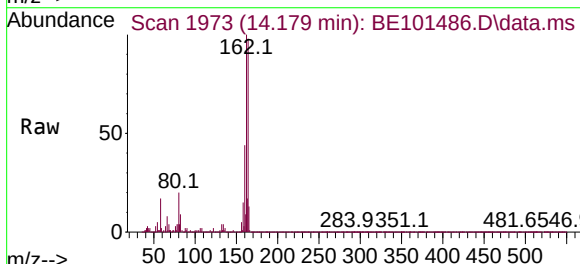
Instrument :
BNA_E
ClientSampleId :

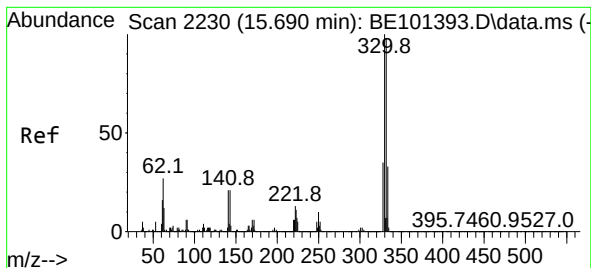
Tgt Ion:113 Resp: 6081
Ion Ratio Lower Upper
113 100
55 178.8 141.2 181.2
56 114.6 96.9 136.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.179 min Scan# 1973
Delta R.T. -0.001 min
Lab File: BE101486.D
Acq: 5 Nov 2024 19:15

Tgt Ion:164 Resp: 202540
Ion Ratio Lower Upper
164 100
162 102.4 81.3 121.9
160 45.2 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 146.555 ng

RT: 15.689 min Scan# 21

Delta R.T. -0.001 min

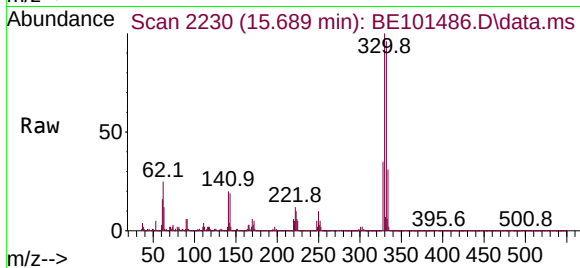
Lab File: BE101486.D

Acq: 5 Nov 2024 19:15

Instrument :

BNA_E

ClientSampleId :



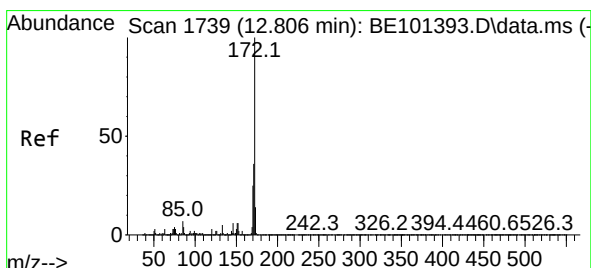
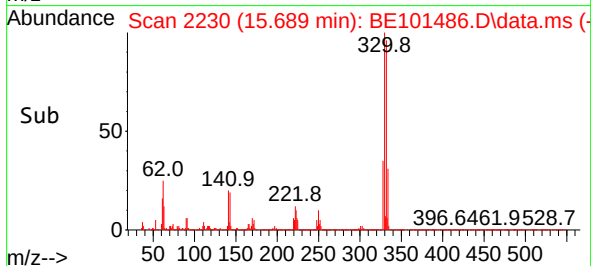
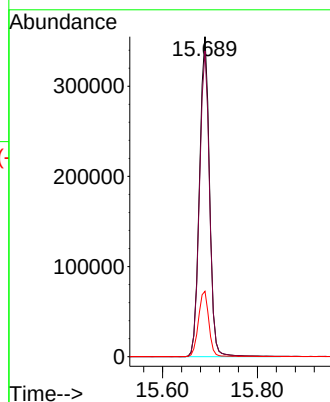
Tgt Ion:330 Resp: 520250

Ion Ratio Lower Upper

330 100

332 96.1 78.2 117.2

141 21.2 18.3 27.5



#45

2-Fluorobiphenyl

Concen: 88.505 ng

RT: 12.799 min Scan# 1738

Delta R.T. -0.007 min

Lab File: BE101486.D

Acq: 5 Nov 2024 19:15

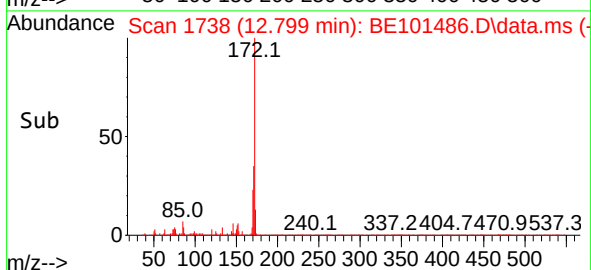
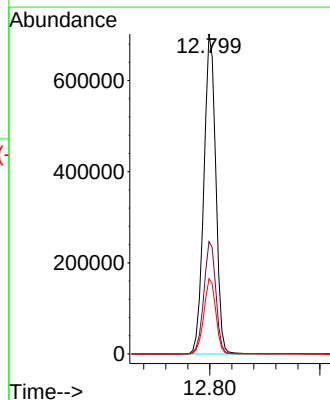
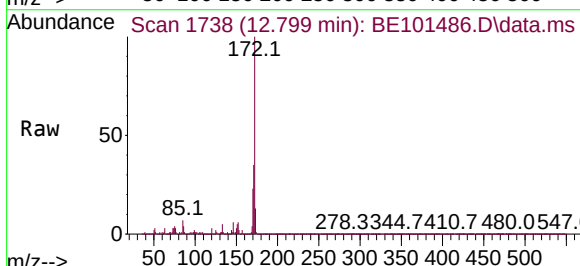
Tgt Ion:172 Resp: 1058488

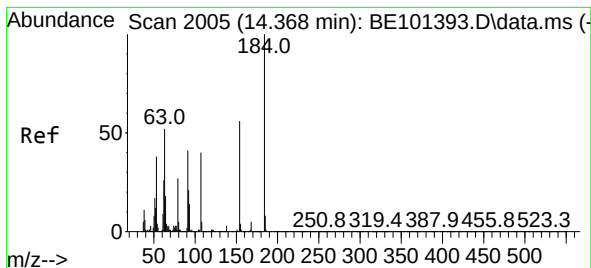
Ion Ratio Lower Upper

172 100

171 35.1 29.2 43.8

170 23.5 19.8 29.6





#54

2,4-Dinitrophenol

Concen: 5.638 ng

RT: 14.379 min Scan# 2005

Delta R.T. 0.011 min

Lab File: BE101486.D

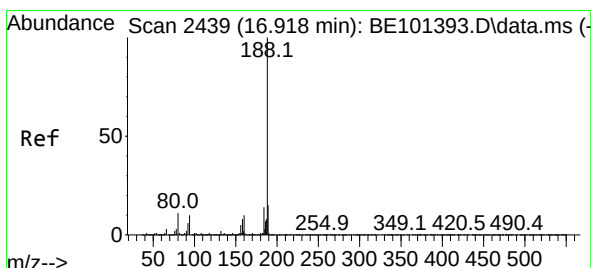
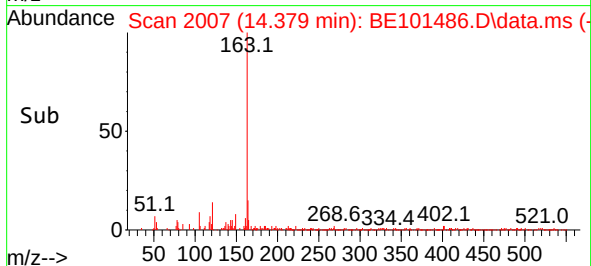
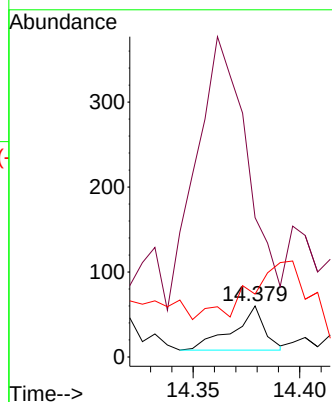
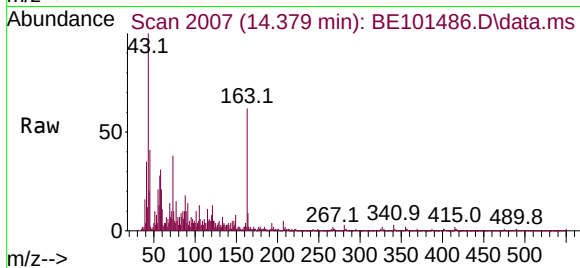
Acq: 5 Nov 2024 19:15

Instrument :

BNA_E

ClientSampleId :

Tgt Ion:184	Resp:	54
Ion Ratio	Lower	Upper
184	100	
63	273.3	41.8 62.6#
154	123.3	44.9 67.3#



#64

Phenanthrene-d10

Concen: 20.000 ng

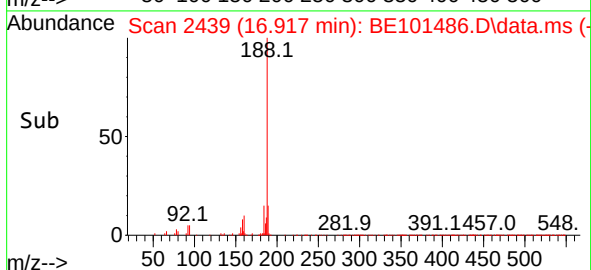
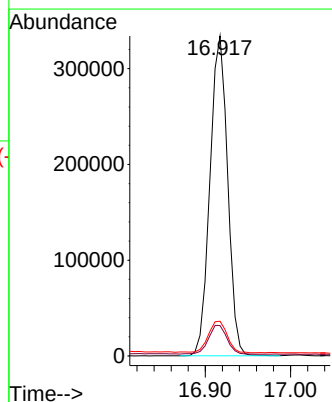
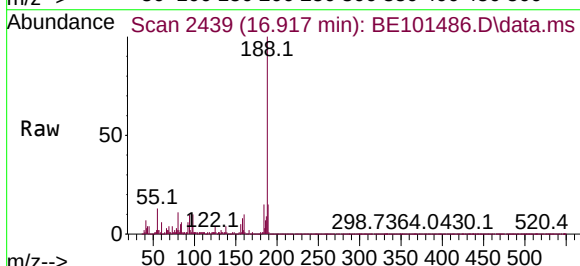
RT: 16.917 min Scan# 2439

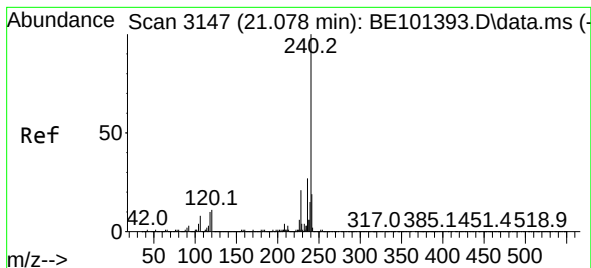
Delta R.T. -0.001 min

Lab File: BE101486.D

Acq: 5 Nov 2024 19:15

Tgt Ion:188	Resp:	480864
Ion Ratio	Lower	Upper
188	100	
94	9.5	7.8 11.8
80	10.8	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: BE101486.D

Acq: 5 Nov 2024 19:15

Instrument :

BNA_E

ClientSampleId :

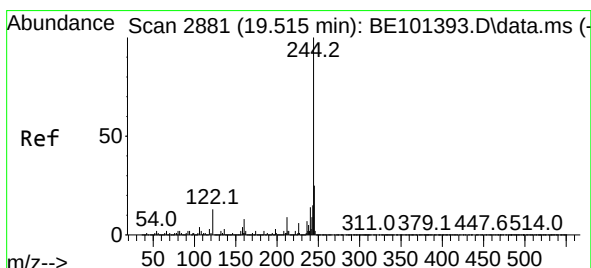
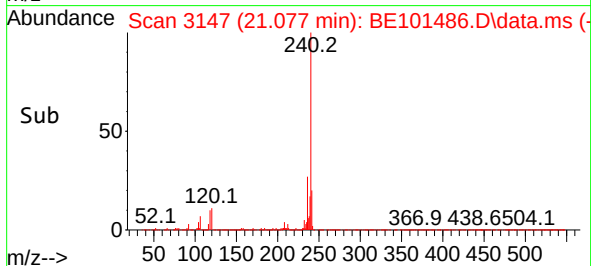
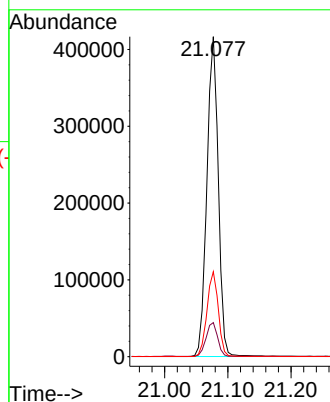
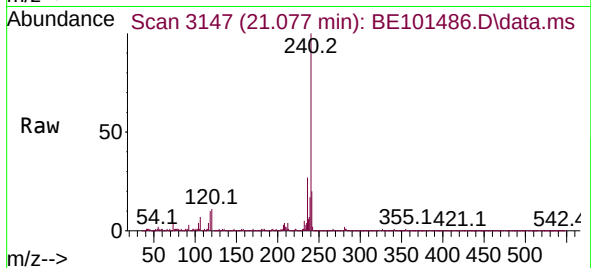
Tgt Ion:240 Resp: 520965

Ion Ratio Lower Upper

240 100

120 10.6 9.0 13.4

236 26.5 21.4 32.0



#79

Terphenyl-d14

Concen: 95.359 ng

RT: 19.514 min Scan# 2881

Delta R.T. -0.001 min

Lab File: BE101486.D

Acq: 5 Nov 2024 19:15

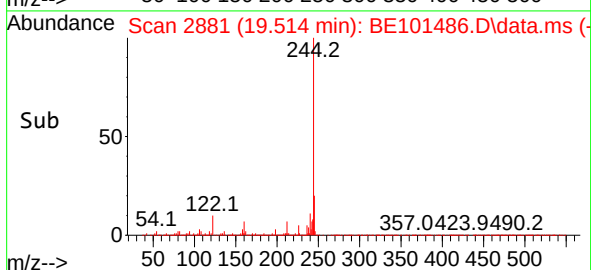
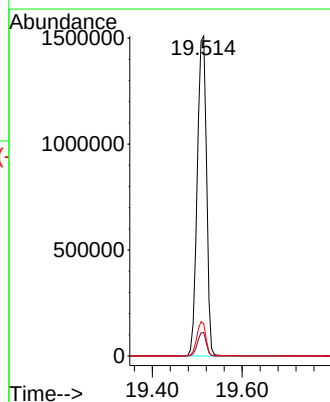
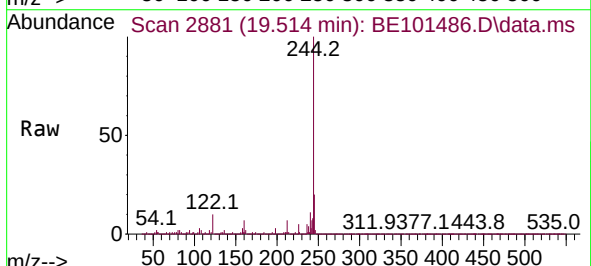
Tgt Ion:244 Resp: 2158494

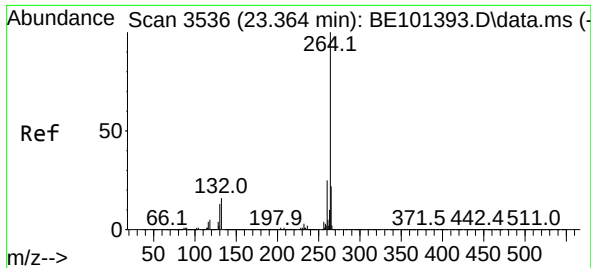
Ion Ratio Lower Upper

244 100

212 7.3 7.2 10.8

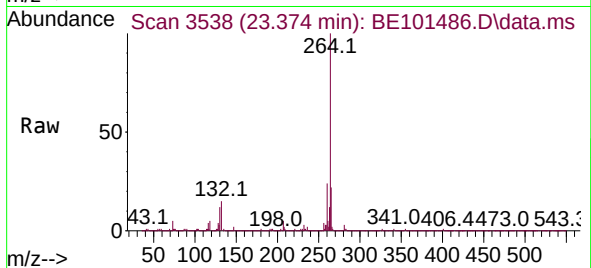
122 10.1 10.4 15.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.374 min Scan# 31
 Delta R.T. 0.011 min
 Lab File: BE101486.D
 Acq: 5 Nov 2024 19:15

Instrument :
 BNA_E
 ClientSampleId :



Tgt Ion:264 Resp: 659503
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.8 29.8
 265 22.1 17.6 26.4

