

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110124\
 Data File : BE101448.D
 Acq On : 1 Nov 2024 14:33
 Operator : RC/JU
 Sample : P4663-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 01 16:12:52 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)

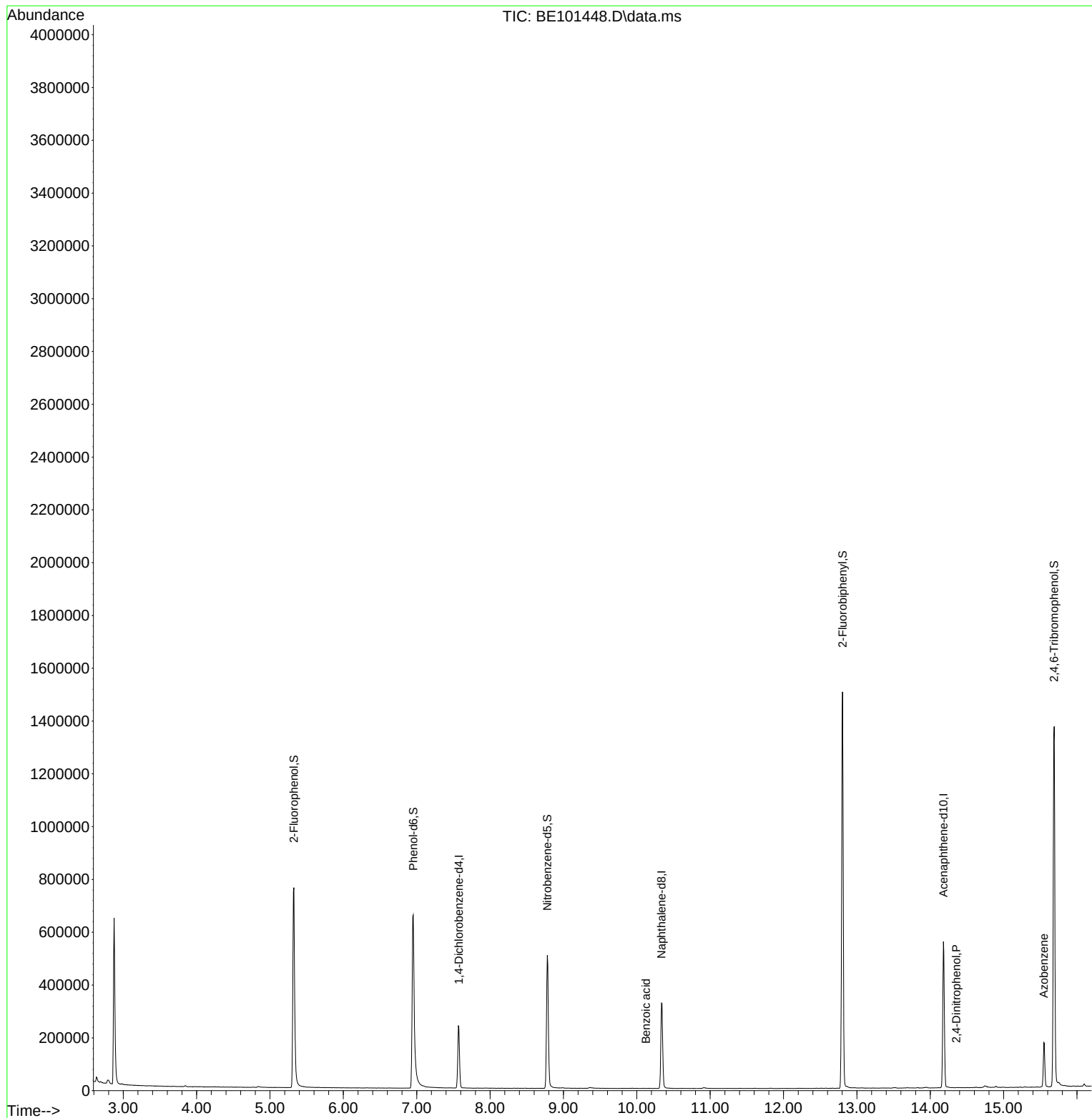
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	69420	20.000	ng	0.00
21) Naphthalene-d8	10.337	136	296978	20.000	ng	0.00
39) Acenaphthene-d10	14.179	164	197789	20.000	ng	0.00
64) Phenanthrene-d10	16.917	188	455282	20.000	ng	0.00
76) Chrysene-d12	21.083	240	540190	20.000	ng	0.00
86) Perylene-d12	23.374	264	717080	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.325	112	421241	106.352	ng	0.00
7) Phenol-d6	6.952	99	547227	99.639	ng	0.00
23) Nitrobenzene-d5	8.780	82	314844	66.588	ng	0.00
42) 2,4,6-Tribromophenol	15.689	330	354276	102.197	ng	0.00
45) 2-Fluorobiphenyl	12.804	172	805201	68.944	ng	0.00
79) Terphenyl-d14	19.514	244	1684321	71.763	ng	0.00
Target Compounds						
32) Benzoic acid	10.125	122	70	8.234	ng	Qvalue 98
54) 2,4-Dinitrophenol	14.356	184	27	5.628	ng	# 67
63) Azobenzene	15.548	77	48846	3.891	ng	# 1

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

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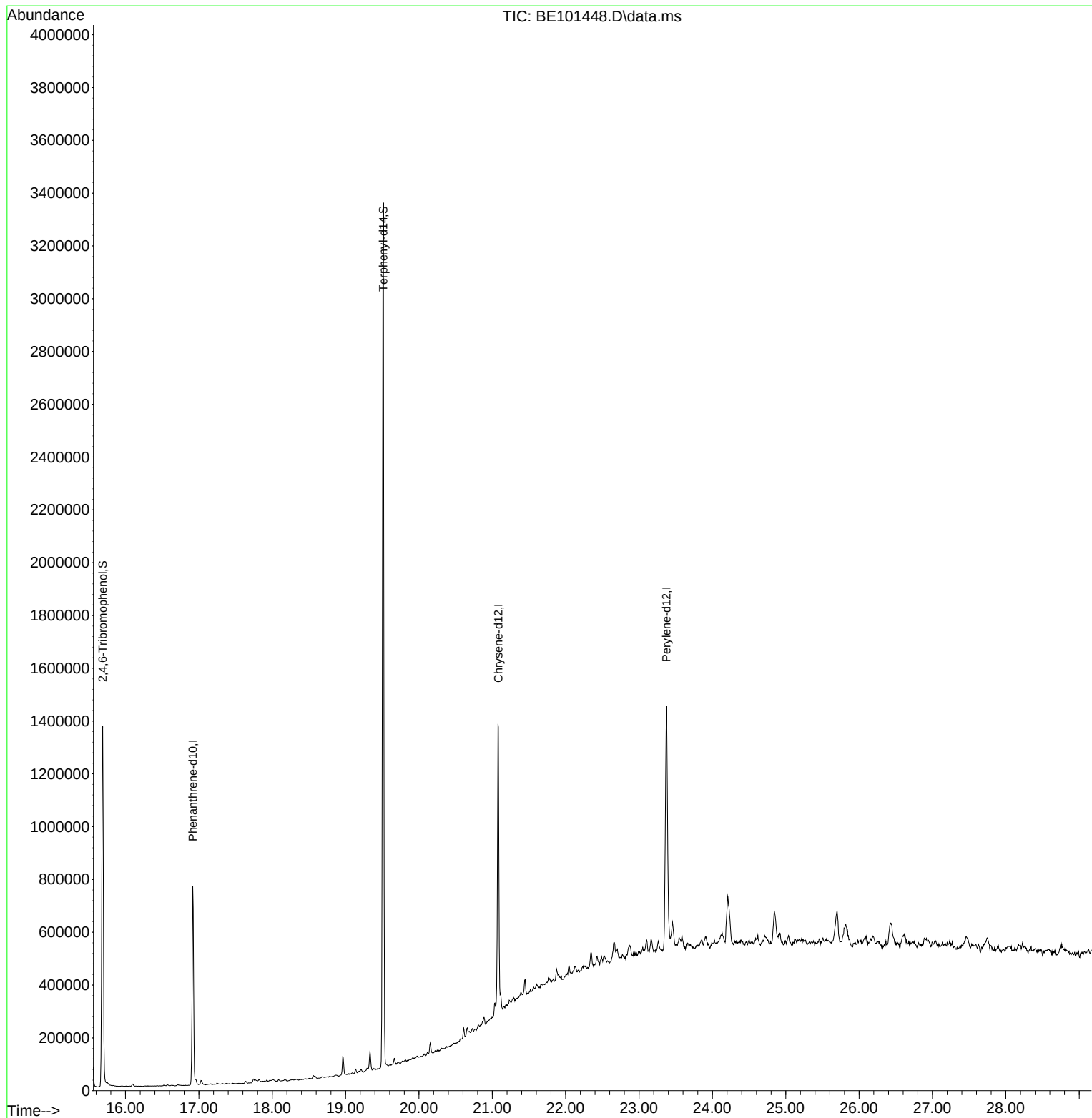
Quant Time: Nov 01 16:12:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 29 01:26:30 2024
Response via : Initial Calibration

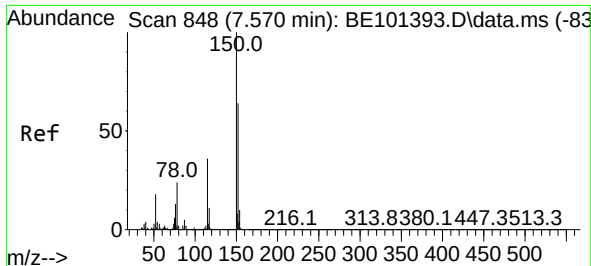


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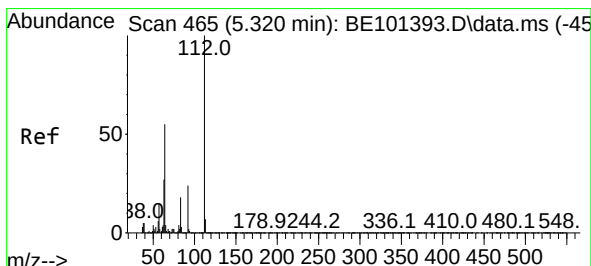
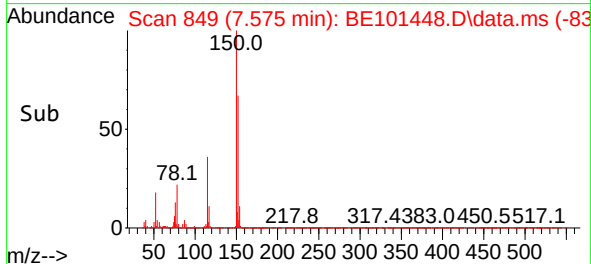
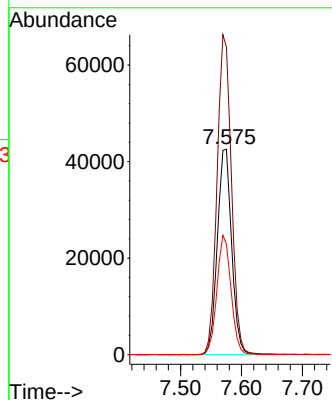
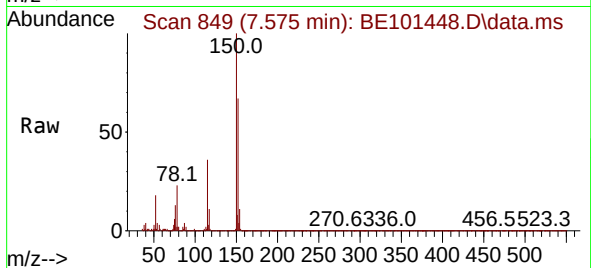




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.575 min Scan# 848
Delta R.T. 0.005 min
Lab File: BE101448.D
Acq: 1 Nov 2024 14:33

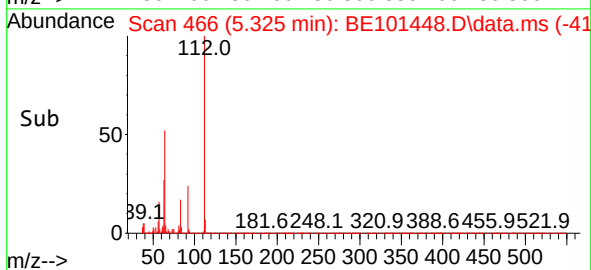
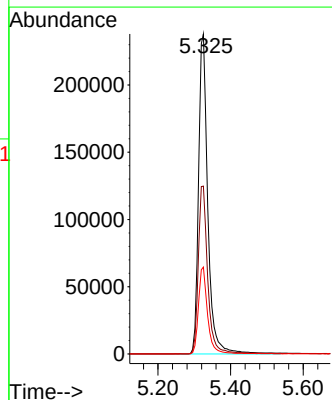
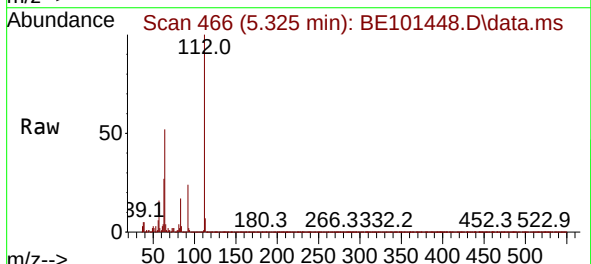
Instrument :
BNA_E
ClientSampleId :

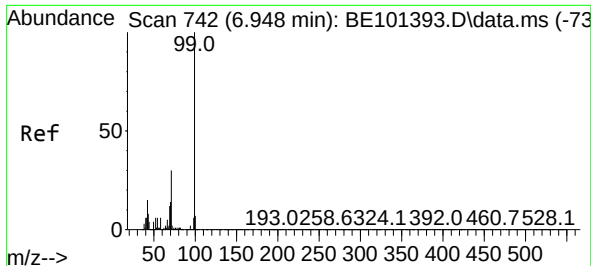
Tgt Ion:152 Resp: 69420
Ion Ratio Lower Upper
152 100
150 149.5 124.2 186.4
115 53.9 45.3 67.9



#5
2-Fluorophenol
Concen: 106.352 ng
RT: 5.325 min Scan# 466
Delta R.T. 0.005 min
Lab File: BE101448.D
Acq: 1 Nov 2024 14:33

Tgt Ion:112 Resp: 421241
Ion Ratio Lower Upper
112 100
64 52.5 43.7 65.5
63 27.1 21.4 32.2





#7

Phenol-d6

Concen: 99.639 ng

RT: 6.952 min Scan# 742

Delta R.T. 0.005 min

Lab File: BE101448.D

Acq: 1 Nov 2024 14:33

Instrument :

BNA_E

ClientSampleId :

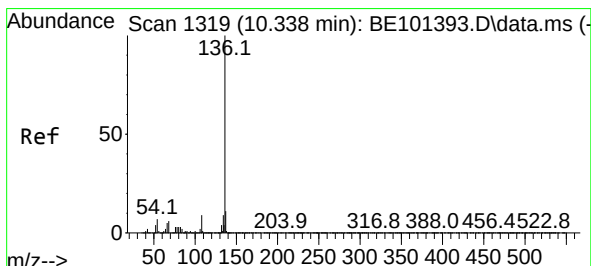
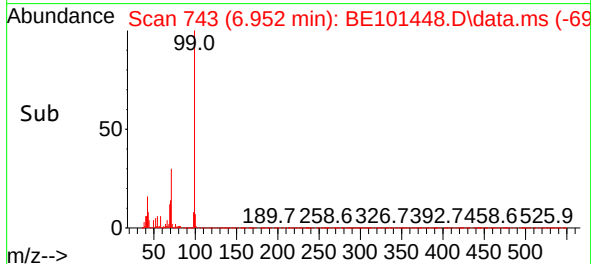
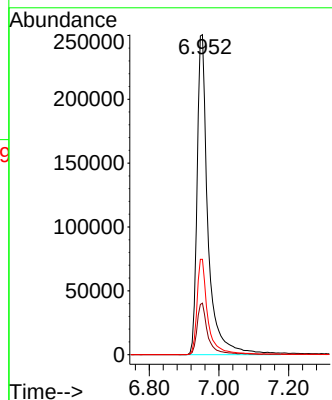
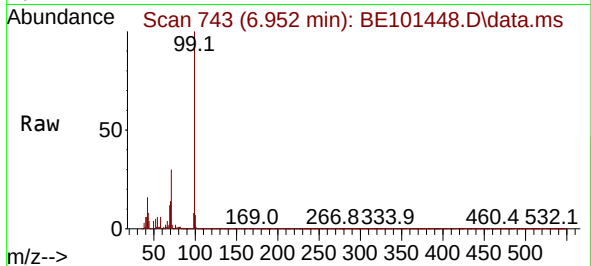
Tgt Ion: 99 Resp: 547227

Ion Ratio Lower Upper

99 100

42 16.1 12.3 18.5

71 29.8 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: BE101448.D

Acq: 1 Nov 2024 14:33

Tgt Ion:136 Resp: 296978

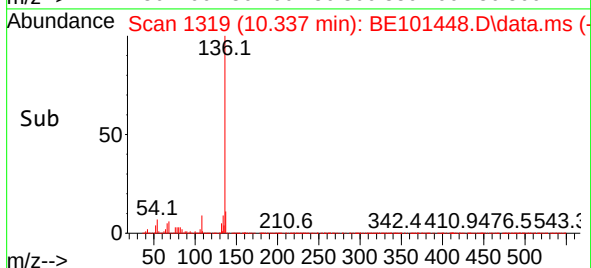
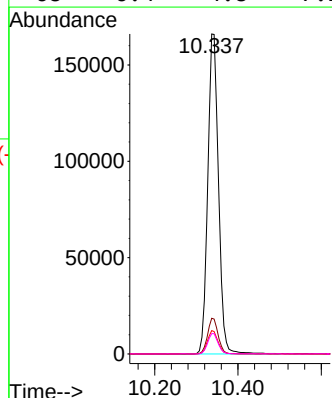
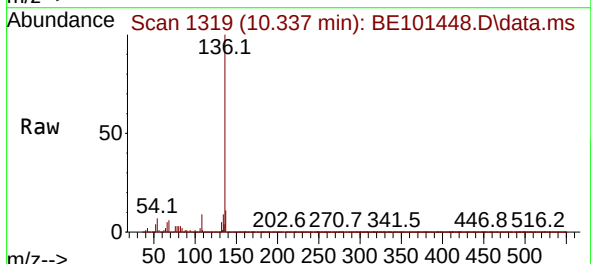
Ion Ratio Lower Upper

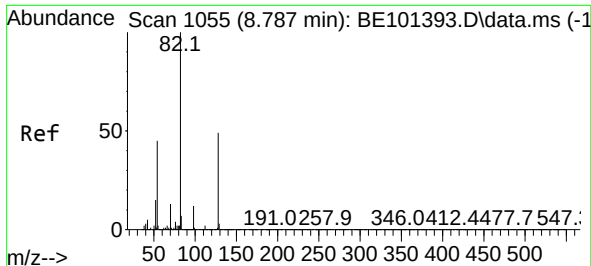
136 100

137 11.1 9.0 13.6

54 7.3 5.9 8.9

68 6.4 4.8 7.2

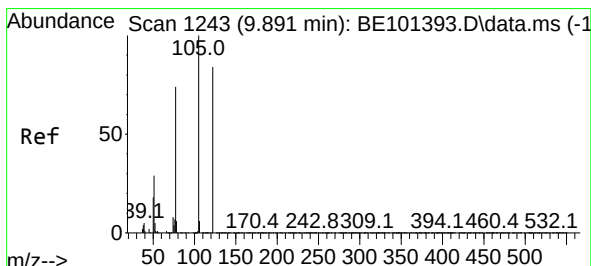
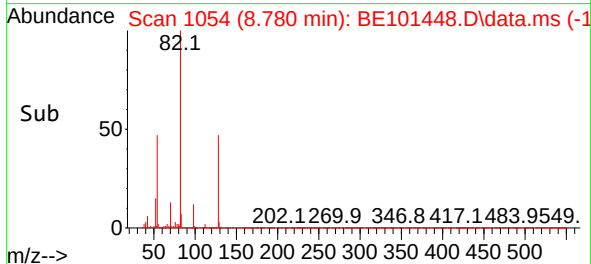
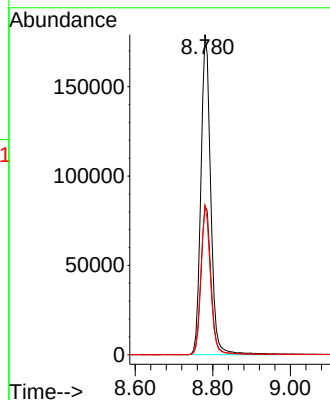
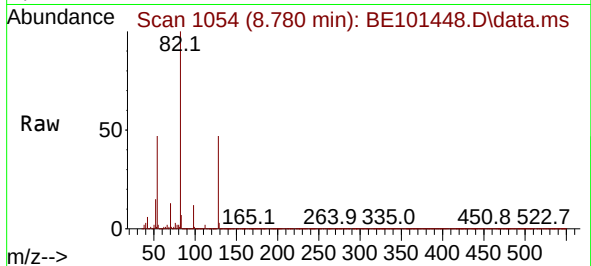




#23
Nitrobenzene-d5
Concen: 66.588 ng
RT: 8.780 min Scan# 1055
Delta R.T. -0.007 min
Lab File: BE101448.D
Acq: 1 Nov 2024 14:33

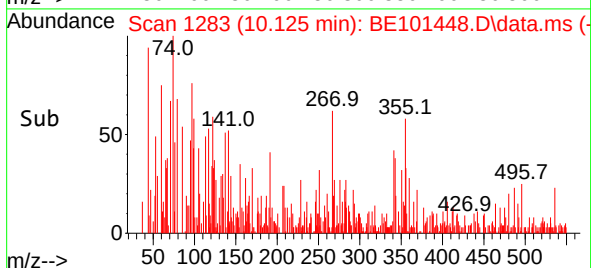
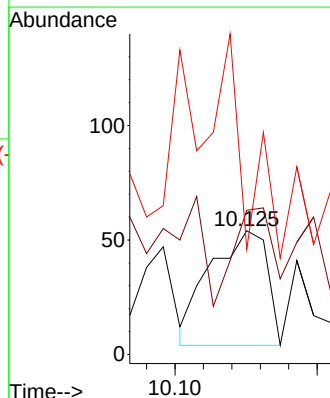
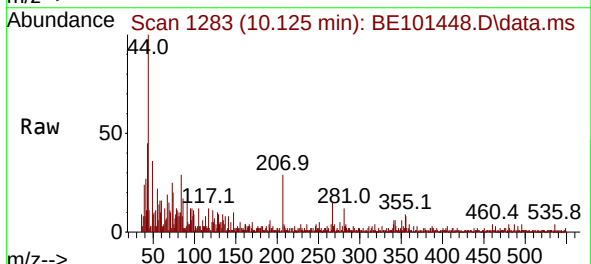
Instrument :
BNA_E
ClientSampleId :

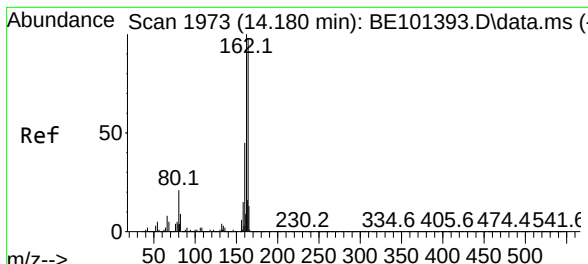
Tgt Ion: 82 Resp: 314844
Ion Ratio Lower Upper
82 100
128 46.6 38.9 58.3
54 46.5 36.2 54.4



#32
Benzoic acid
Concen: 8.234 ng
RT: 10.125 min Scan# 1283
Delta R.T. 0.234 min
Lab File: BE101448.D
Acq: 1 Nov 2024 14:33

Tgt Ion:122 Resp: 70
Ion Ratio Lower Upper
122 100
105 116.7 97.9 137.9
77 85.2 68.1 108.1

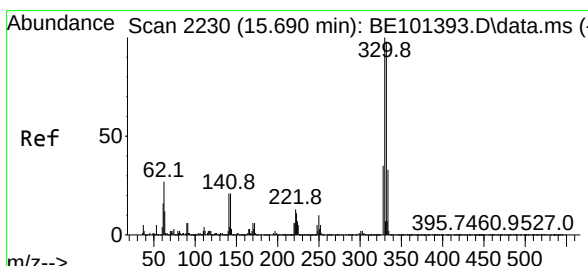
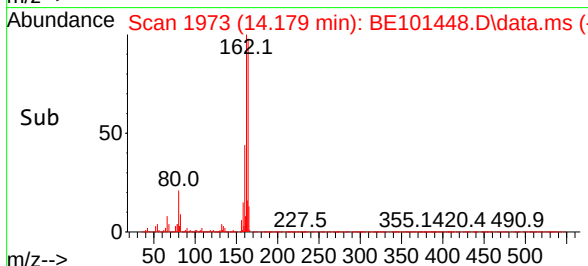
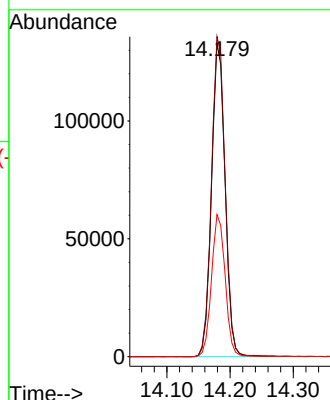
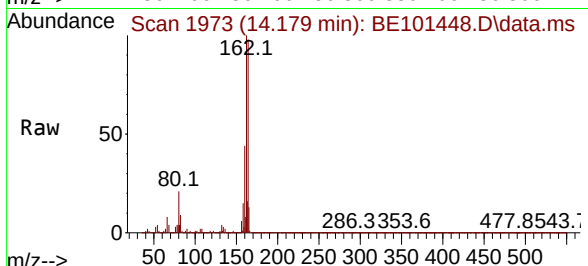




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.179 min Scan# 1973
Delta R.T. -0.001 min
Lab File: BE101448.D
Acq: 1 Nov 2024 14:33

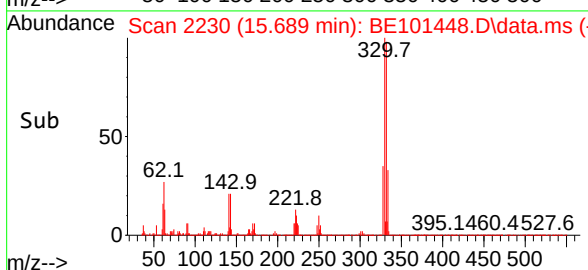
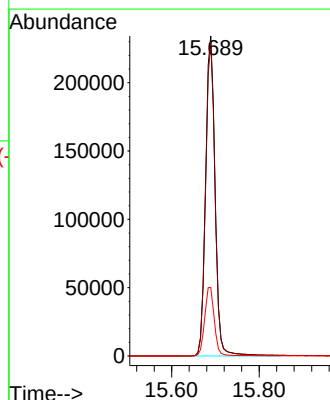
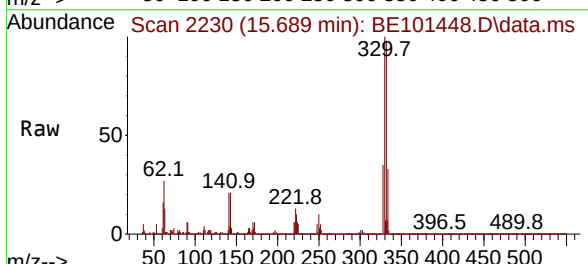
Instrument :
BNA_E
ClientSampleId :

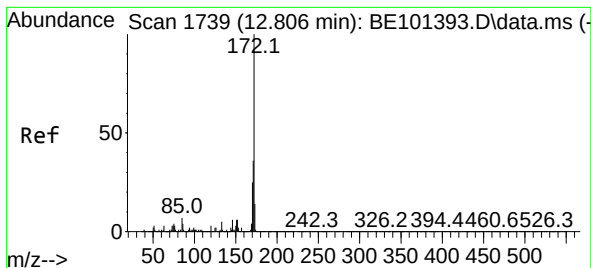
Tgt Ion:164 Resp: 197789
Ion Ratio Lower Upper
164 100
162 102.1 81.3 121.9
160 45.4 36.4 54.6



#42
2,4,6-Tribromophenol
Concen: 102.197 ng
RT: 15.689 min Scan# 2230
Delta R.T. -0.001 min
Lab File: BE101448.D
Acq: 1 Nov 2024 14:33

Tgt Ion:330 Resp: 354276
Ion Ratio Lower Upper
330 100
332 97.7 78.2 117.2
141 21.9 18.3 27.5





#45

2-Fluorobiphenyl

Concen: 68.944 ng

RT: 12.804 min Scan# 1

Delta R.T. -0.001 min

Lab File: BE101448.D

Acq: 1 Nov 2024 14:33

Instrument :

BNA_E

ClientSampleId :

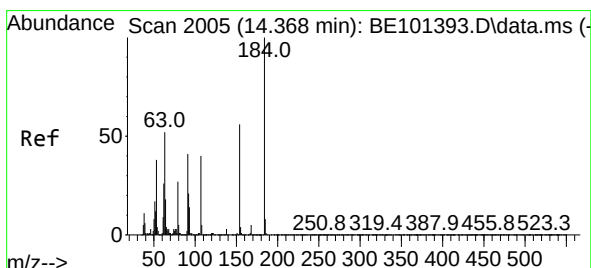
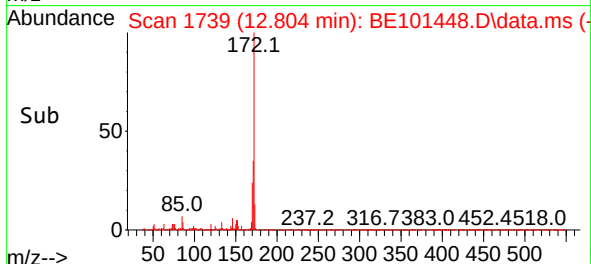
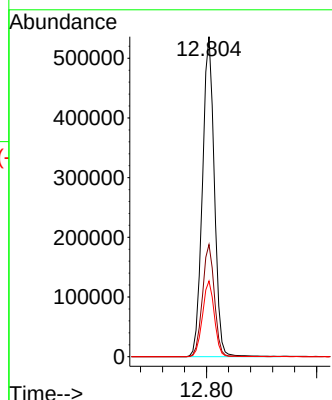
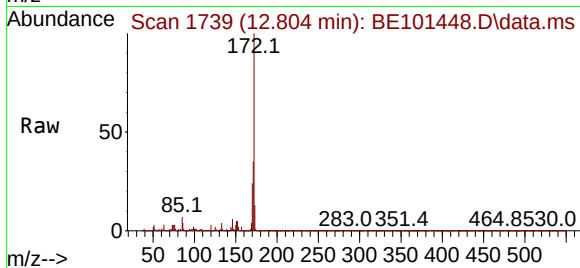
Tgt Ion:172 Resp: 805201

Ion Ratio Lower Upper

172 100

171 35.0 29.2 43.8

170 23.6 19.8 29.6



#54

2,4-Dinitrophenol

Concen: 5.628 ng

RT: 14.356 min Scan# 2003

Delta R.T. -0.012 min

Lab File: BE101448.D

Acq: 1 Nov 2024 14:33

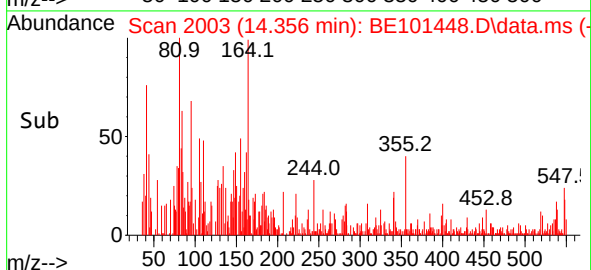
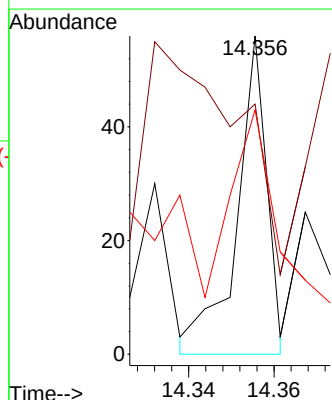
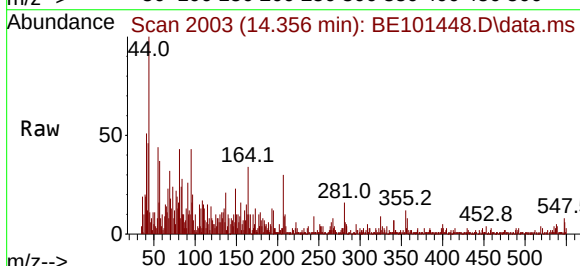
Tgt Ion:184 Resp: 27

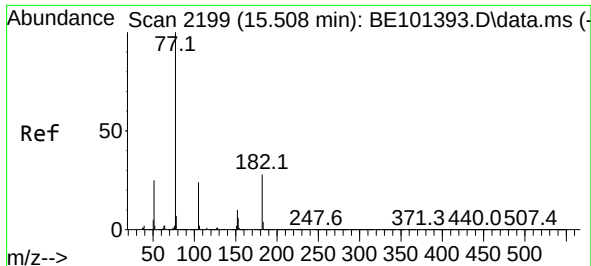
Ion Ratio Lower Upper

184 100

63 78.6 41.8 62.6#

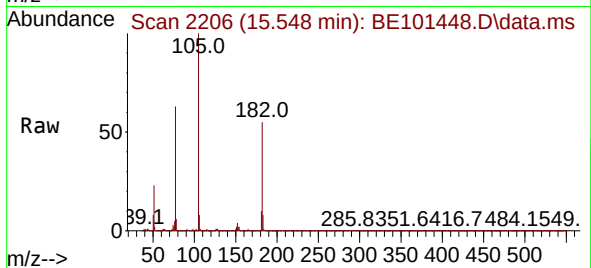
154 76.8 44.9 67.3#



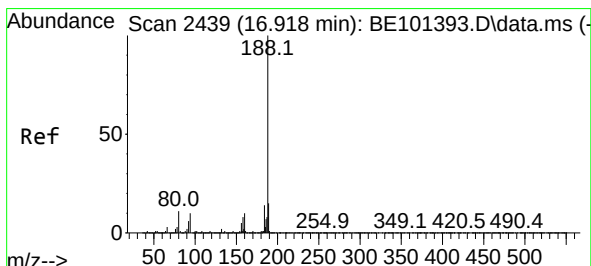
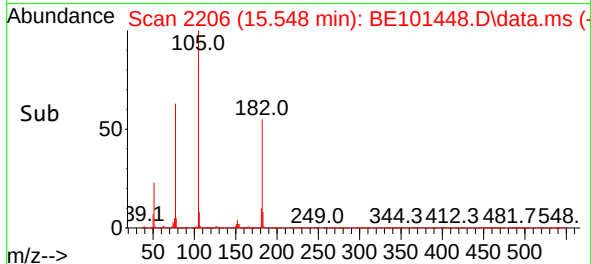
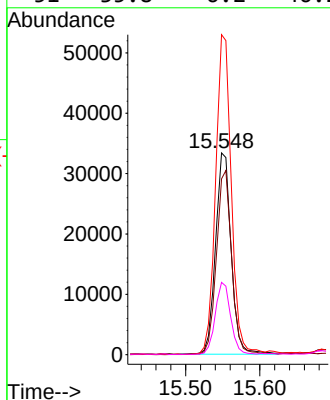


#63
Azobenzene
Concen: 3.891 ng
RT: 15.548 min Scan# 2199
Delta R.T. 0.040 min
Lab File: BE101448.D
Acq: 1 Nov 2024 14:33

Instrument :
BNA_E
ClientSampleId :

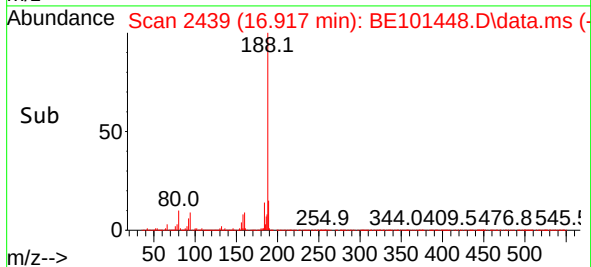
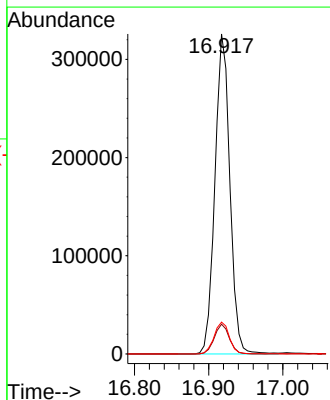
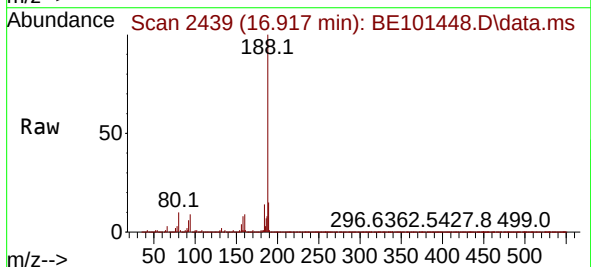


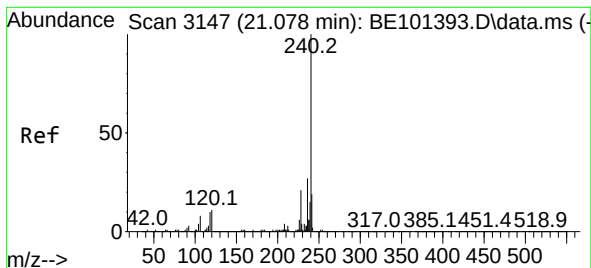
Tgt Ion: 77 Resp: 48846
Ion Ratio Lower Upper
77 100
182 87.2 7.6 47.6#
105 158.7 3.2 43.2#
51 35.8 6.2 46.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.917 min Scan# 2439
Delta R.T. -0.001 min
Lab File: BE101448.D
Acq: 1 Nov 2024 14:33

Tgt Ion:188 Resp: 455282
Ion Ratio Lower Upper
188 100
94 9.3 7.8 11.8
80 10.0 8.6 12.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.083 min Scan# 3147

Delta R.T. 0.005 min

Lab File: BE101448.D

Acq: 1 Nov 2024 14:33

Instrument :

BNA_E

ClientSampleId :

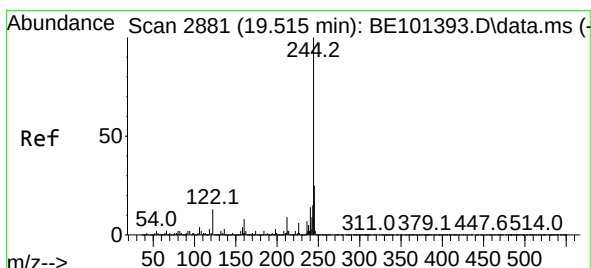
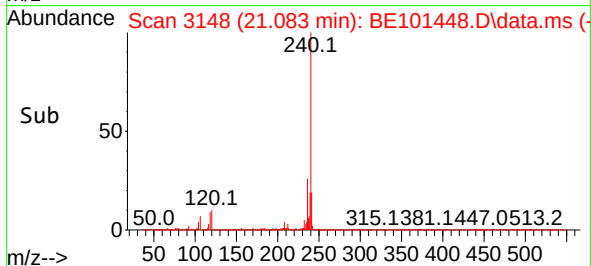
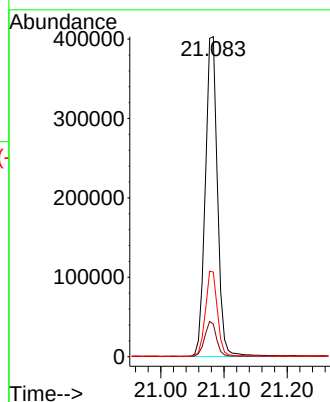
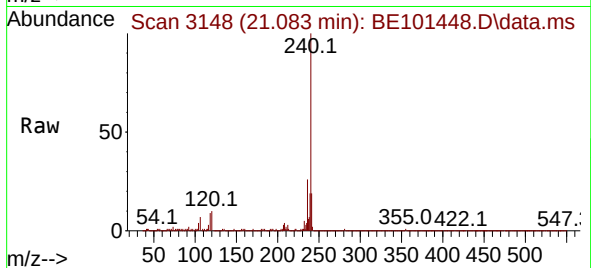
Tgt Ion:240 Resp: 540190

Ion Ratio Lower Upper

240 100

120 10.2 9.0 13.4

236 26.5 21.4 32.0



#79

Terphenyl-d14

Concen: 71.763 ng

RT: 19.514 min Scan# 2881

Delta R.T. -0.001 min

Lab File: BE101448.D

Acq: 1 Nov 2024 14:33

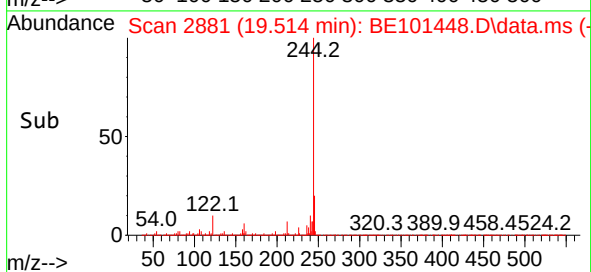
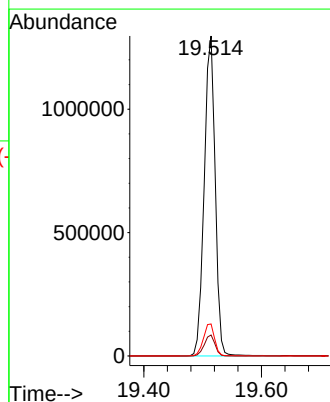
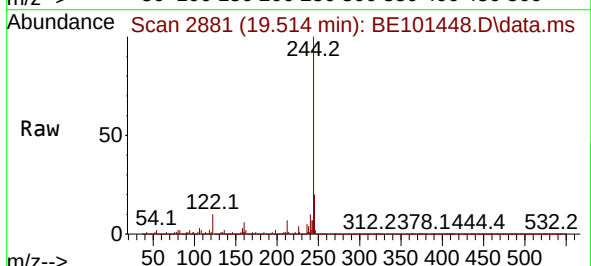
Tgt Ion:244 Resp: 1684321

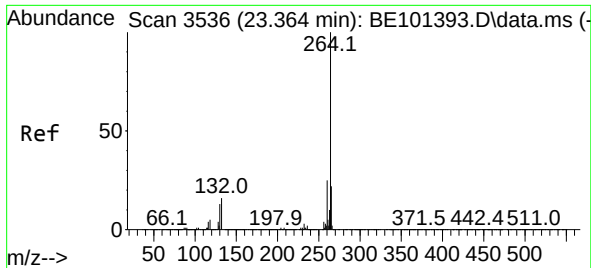
Ion Ratio Lower Upper

244 100

212 6.6 7.2 10.8#

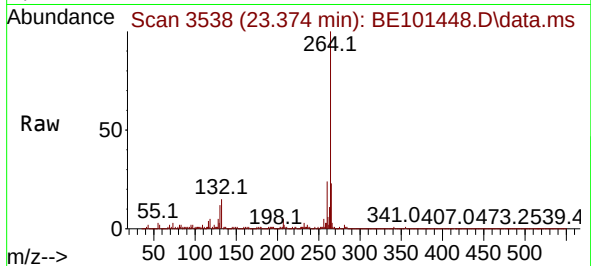
122 10.0 10.4 15.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.374 min Scan# 30
Delta R.T. 0.011 min
Lab File: BE101448.D
Acq: 1 Nov 2024 14:33

Instrument :
BNA_E
ClientSampleId :



Tgt Ion:264 Resp: 717080
Ion Ratio Lower Upper
264 100
260 24.2 19.8 29.8
265 22.7 17.6 26.4

