

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE103124\
 Data File : BE101438.D
 Acq On : 31 Oct 2024 18:13
 Operator : RC/JU
 Sample : P4598-09RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TP-8

Quant Time: Nov 01 06:15:38 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)

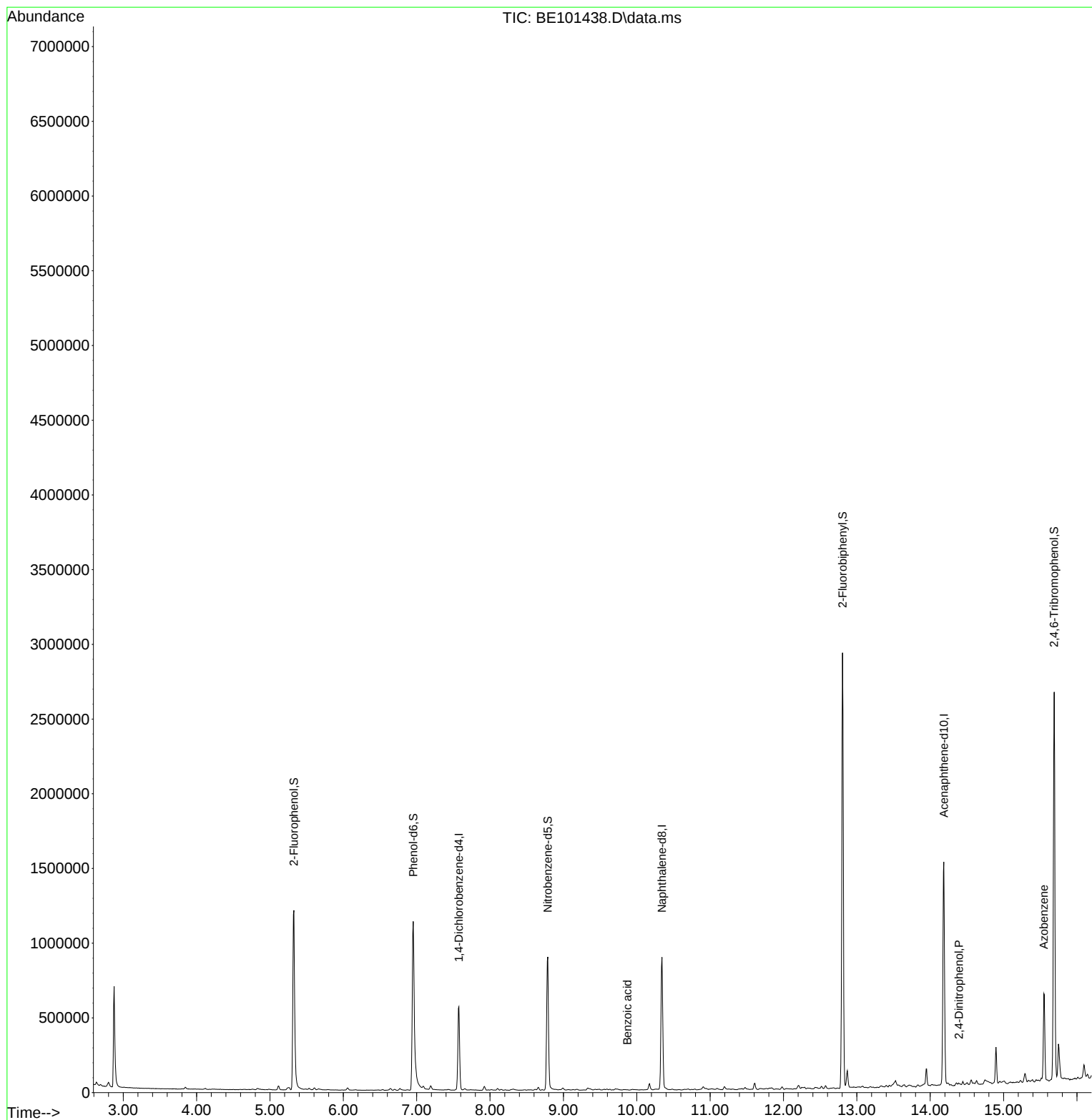
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.576	152	162780	20.000	ng	0.00
21) Naphthalene-d8	10.343	136	771035	20.000	ng	0.00
39) Acenaphthene-d10	14.186	164	529438	20.000	ng	0.00
64) Phenanthrene-d10	16.924	188	1139777	20.000	ng	0.00
76) Chrysene-d12	21.083	240	1155183	20.000	ng	0.00
86) Perylene-d12	23.387	264	1489166	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.325	112	669465	72.082	ng	0.00
7) Phenol-d6	6.953	99	906465	70.388	ng	0.00
23) Nitrobenzene-d5	8.786	82	556426	45.327	ng	0.00
42) 2,4,6-Tribromophenol	15.690	330	630872	67.987	ng	0.00
45) 2-Fluorobiphenyl	12.805	172	1523456	48.731	ng	0.00
79) Terphenyl-d14	19.515	244	2658243	52.962	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.873	122	45	8.220	ng	# 1
54) 2,4-Dinitrophenol	14.391	184	39	5.623	ng	# 1
63) Azobenzene	15.549	77	165721	4.932	ng	# 1

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

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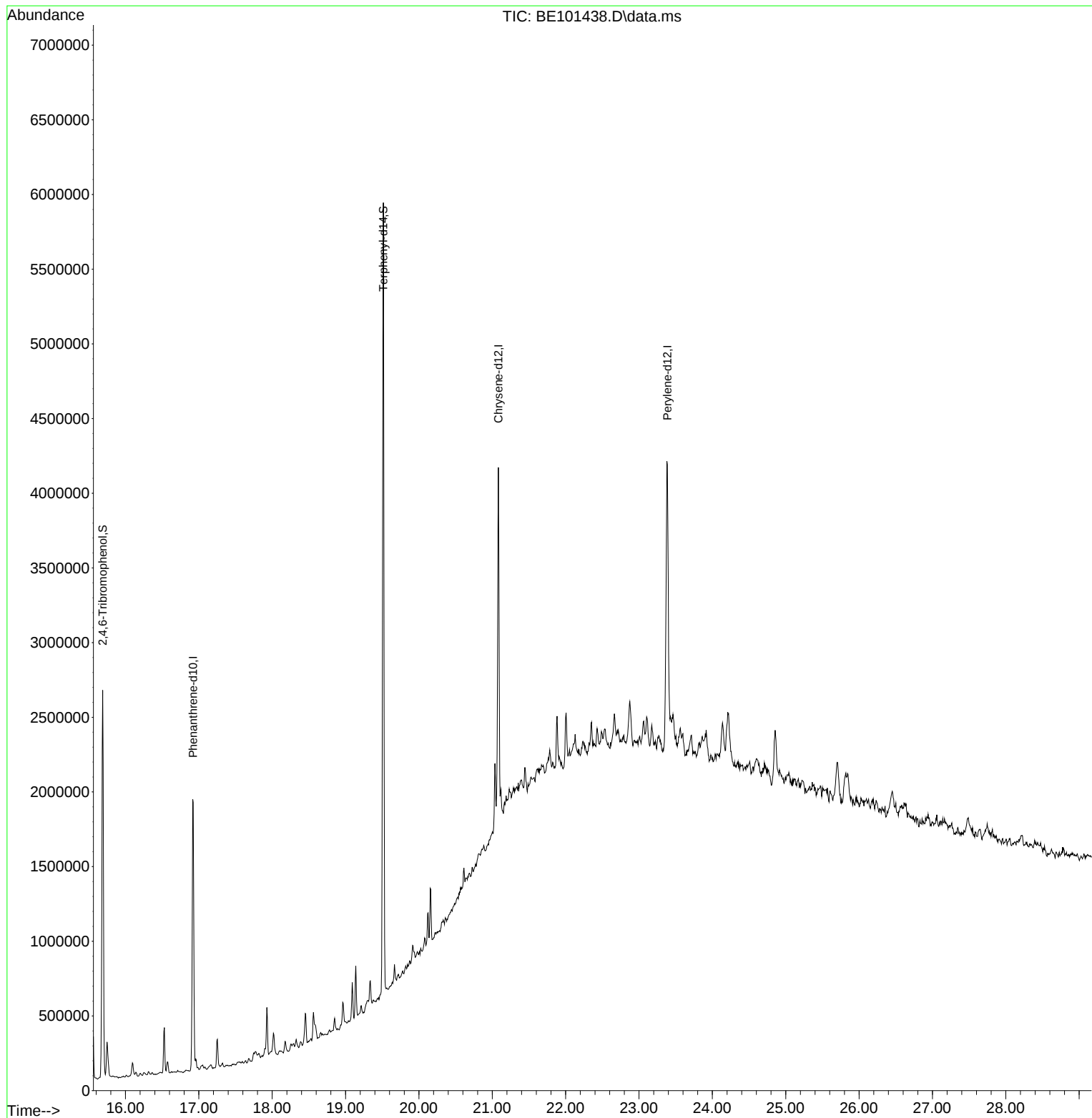
Quant Time: Nov 01 06:15:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 29 01:26:30 2024
Response via : Initial Calibration

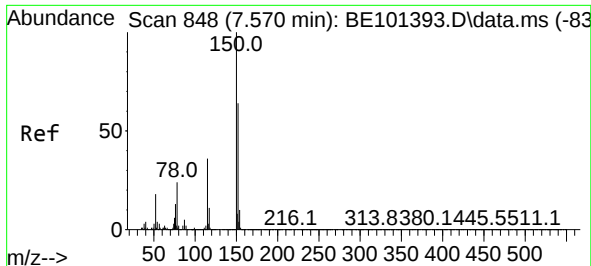


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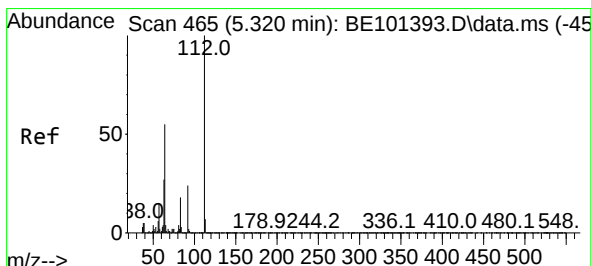
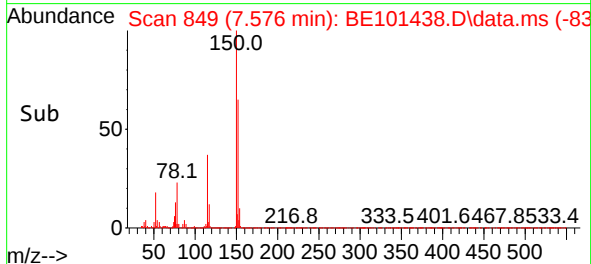
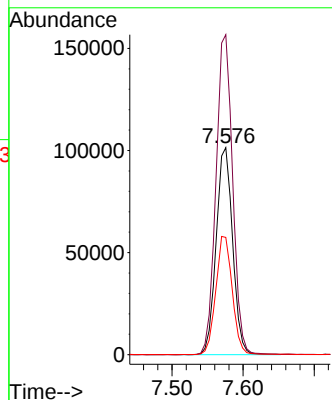
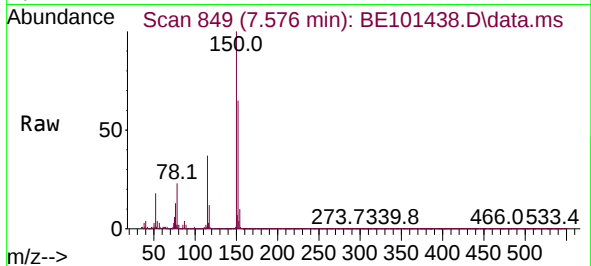




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.576 min Scan# 848
Delta R.T. 0.006 min
Lab File: BE101438.D
Acq: 31 Oct 2024 18:13

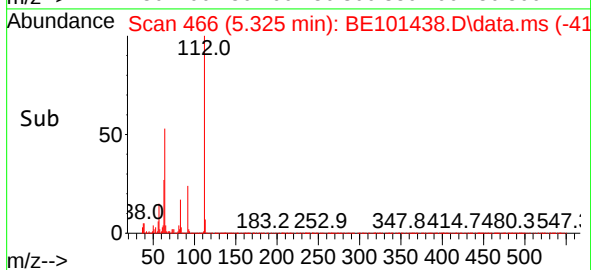
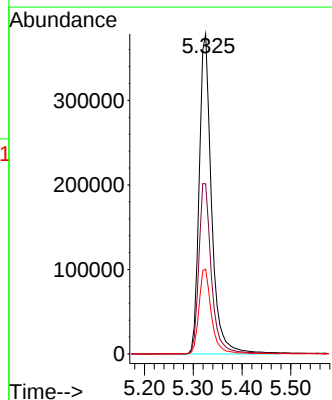
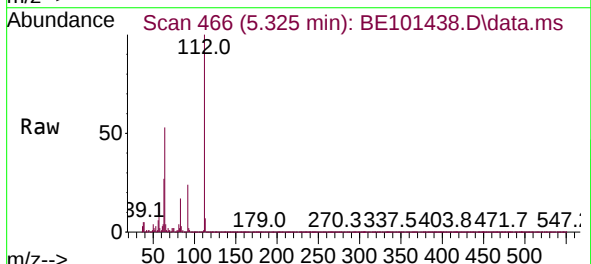
Instrument :
BNA_E
ClientSampleId :
TP-8

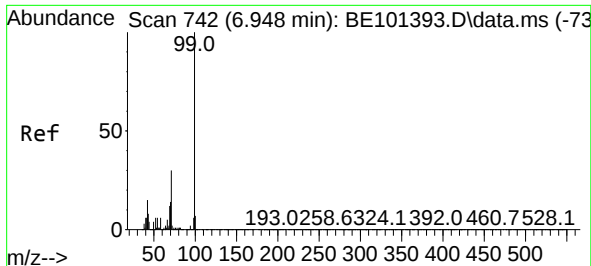
Tgt Ion:152 Resp: 162780
Ion Ratio Lower Upper
152 100
150 154.5 124.2 186.4
115 56.6 45.3 67.9



#5
2-Fluorophenol
Concen: 72.082 ng
RT: 5.325 min Scan# 466
Delta R.T. 0.005 min
Lab File: BE101438.D
Acq: 31 Oct 2024 18:13

Tgt Ion:112 Resp: 669465
Ion Ratio Lower Upper
112 100
64 53.2 43.7 65.5
63 26.5 21.4 32.2

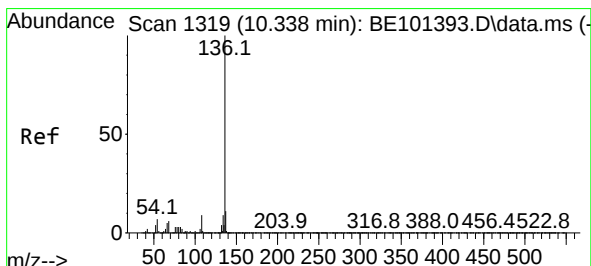
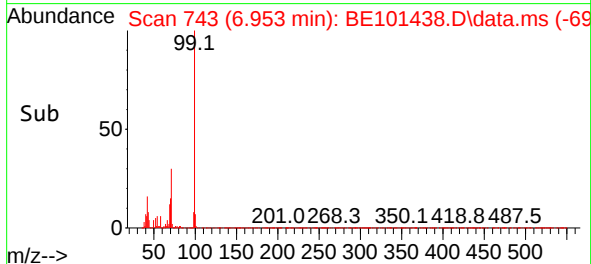
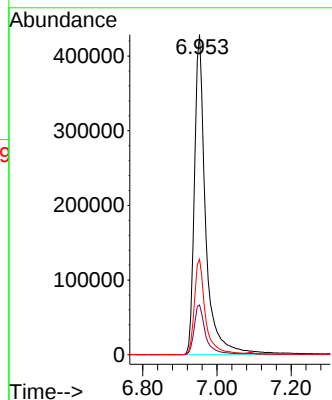
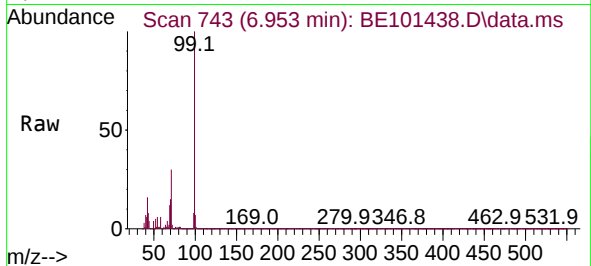




#7
Phenol-d6
Concen: 70.388 ng
RT: 6.953 min Scan# 742
Delta R.T. 0.005 min
Lab File: BE101438.D
Acq: 31 Oct 2024 18:13

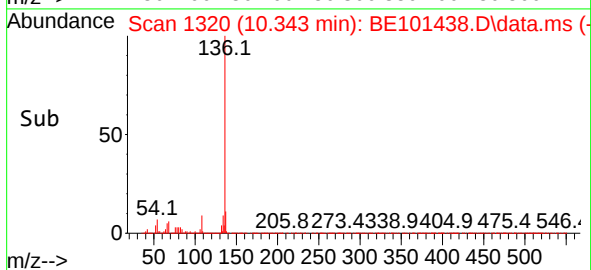
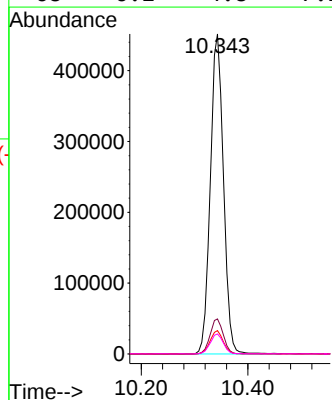
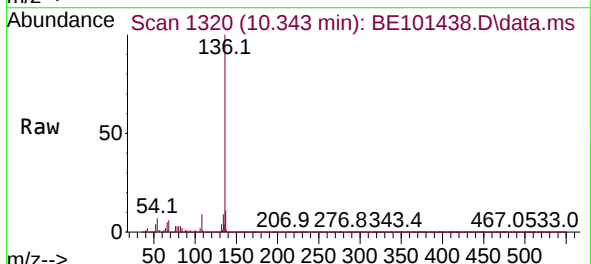
Instrument :
BNA_E
ClientSampleId :
TP-8

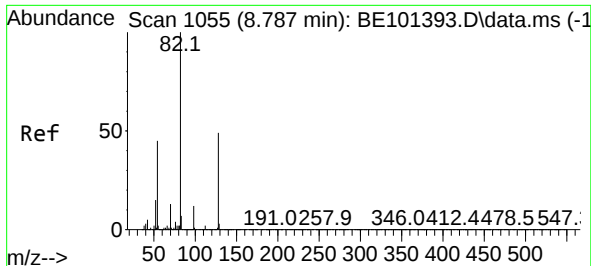
Tgt Ion: 99 Resp: 906465
Ion Ratio Lower Upper
99 100
42 15.6 12.3 18.5
71 29.8 23.8 35.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.343 min Scan# 1320
Delta R.T. 0.005 min
Lab File: BE101438.D
Acq: 31 Oct 2024 18:13

Tgt Ion: 136 Resp: 771035
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 7.3 5.9 8.9
68 6.2 4.8 7.2





#23

Nitrobenzene-d5

Concen: 45.327 ng

RT: 8.786 min Scan# 1055

Delta R.T. -0.001 min

Lab File: BE101438.D

Acq: 31 Oct 2024 18:13

Instrument :

BNA_E

ClientSampleId :

TP-8

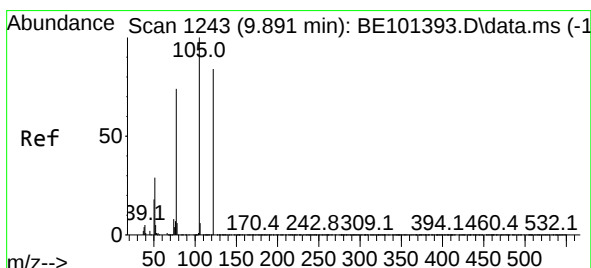
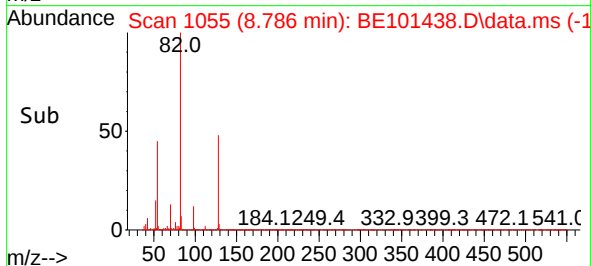
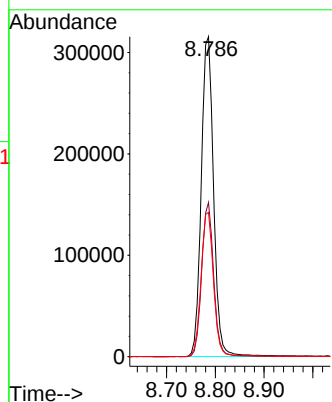
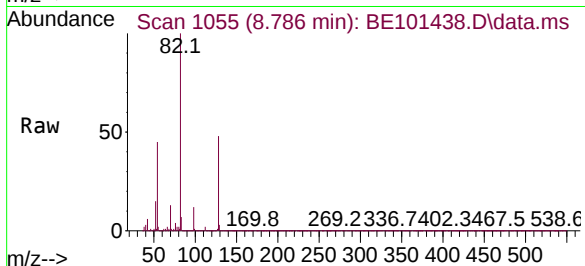
Tgt Ion: 82 Resp: 556426

Ion Ratio Lower Upper

82 100

128 48.2 38.9 58.3

54 45.1 36.2 54.4



#32

Benzoic acid

Concen: 8.220 ng

RT: 9.873 min Scan# 1240

Delta R.T. -0.018 min

Lab File: BE101438.D

Acq: 31 Oct 2024 18:13

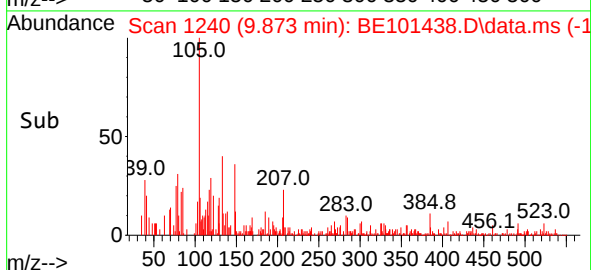
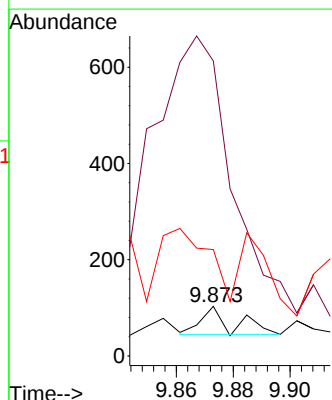
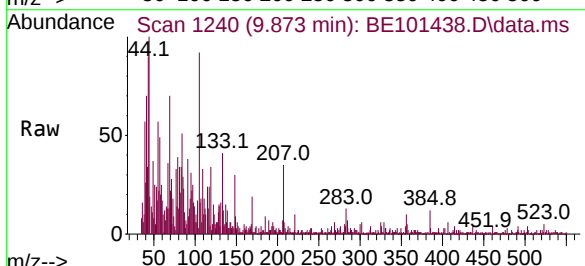
Tgt Ion: 122 Resp: 45

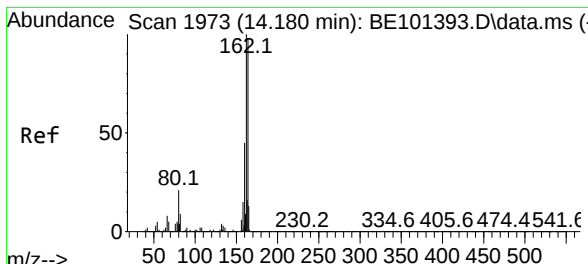
Ion Ratio Lower Upper

122 100

105 595.1 97.9 137.9#

77 214.6 68.1 108.1#

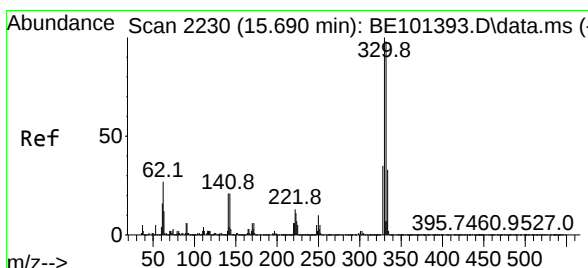
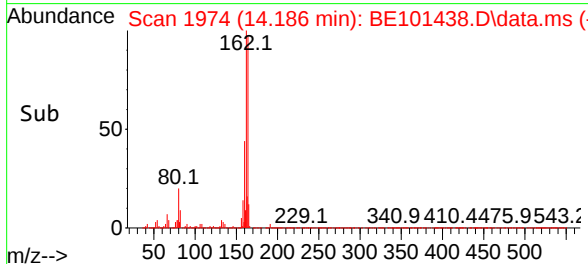
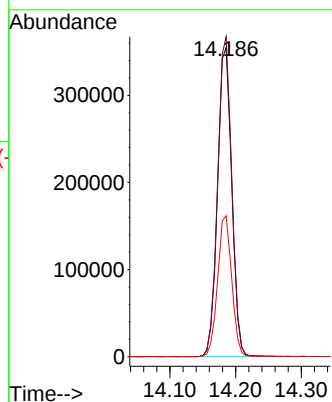
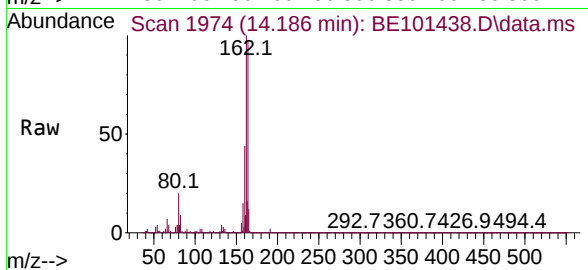




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.186 min Scan# 1973
Delta R.T. 0.005 min
Lab File: BE101438.D
Acq: 31 Oct 2024 18:13

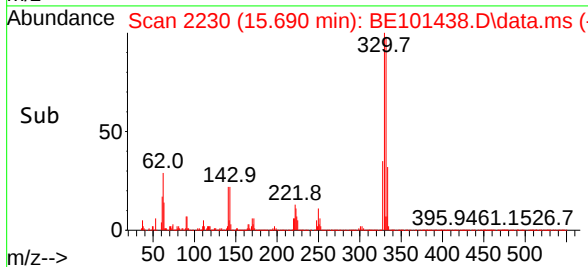
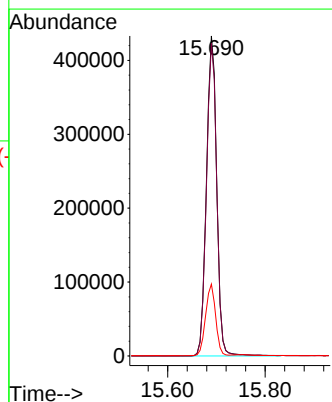
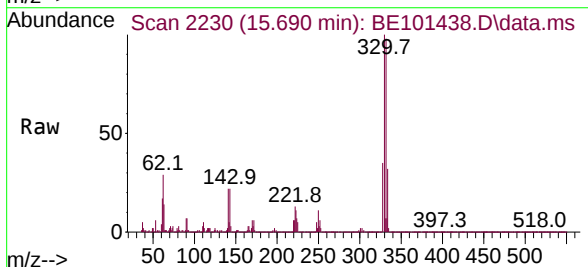
Instrument :
BNA_E
ClientSampleId :
TP-8

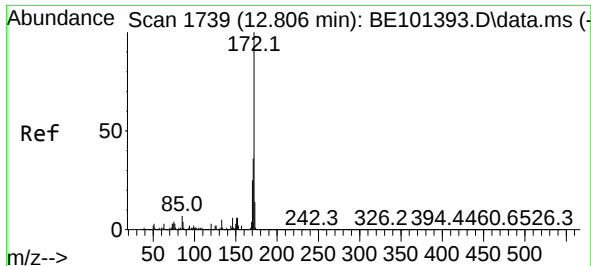
Tgt Ion:164 Resp: 529438
Ion Ratio Lower Upper
164 100
162 103.5 81.3 121.9
160 45.6 36.4 54.6



#42
2,4,6-Tribromophenol
Concen: 67.987 ng
RT: 15.690 min Scan# 2230
Delta R.T. -0.001 min
Lab File: BE101438.D
Acq: 31 Oct 2024 18:13

Tgt Ion:330 Resp: 630872
Ion Ratio Lower Upper
330 100
332 98.0 78.2 117.2
141 22.0 18.3 27.5

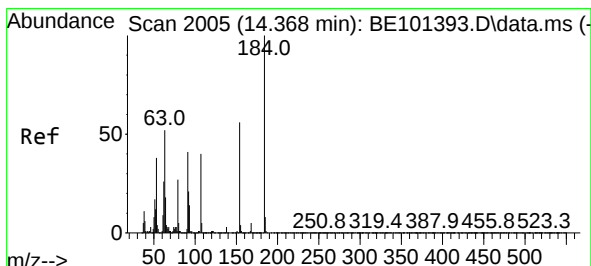
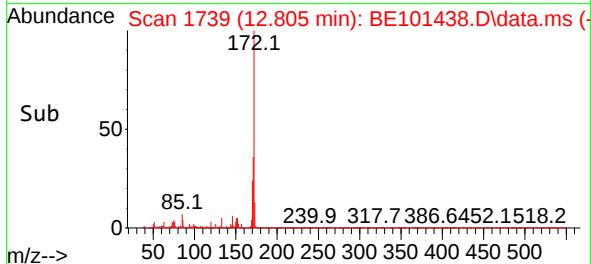
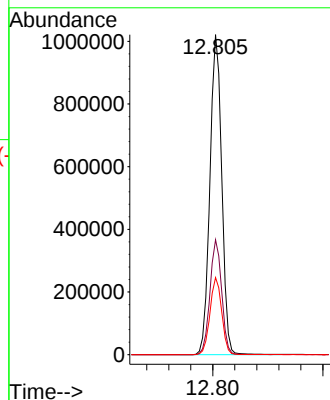
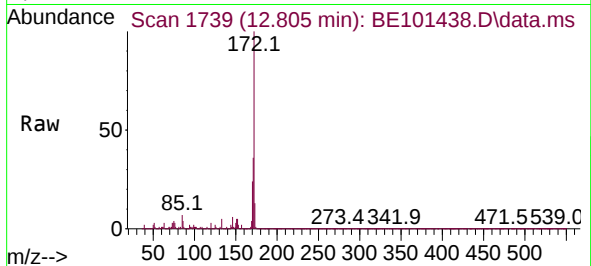




#45
2-Fluorobiphenyl
Concen: 48.731 ng
RT: 12.805 min Scan# 1
Delta R.T. -0.001 min
Lab File: BE101438.D
Acq: 31 Oct 2024 18:13

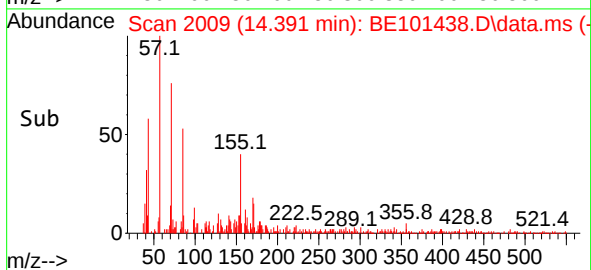
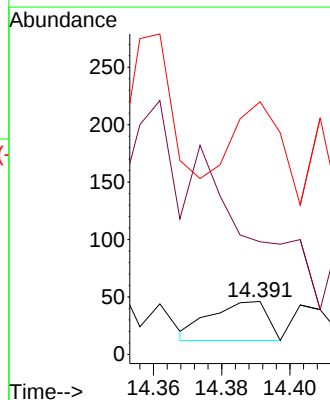
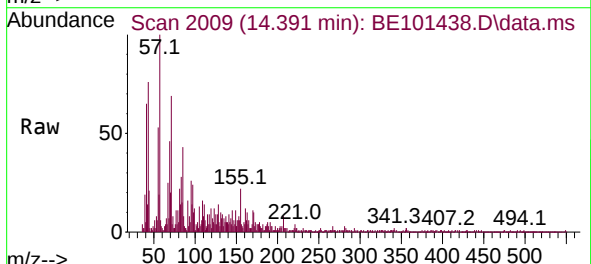
Instrument :
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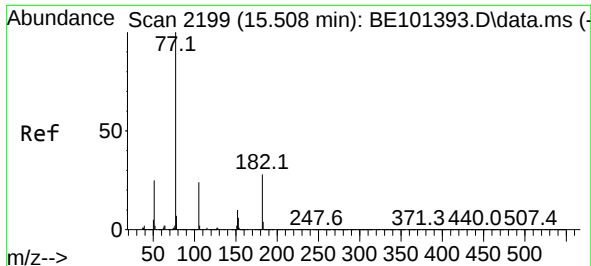
Tgt Ion:172 Resp: 1523456
Ion Ratio Lower Upper
172 100
171 35.9 29.2 43.8
170 24.1 19.8 29.6



#54
2,4-Dinitrophenol
Concen: 5.623 ng
RT: 14.391 min Scan# 2009
Delta R.T. 0.023 min
Lab File: BE101438.D
Acq: 31 Oct 2024 18:13

Tgt Ion:184 Resp: 39
Ion Ratio Lower Upper
184 100
63 213.0 41.8 62.6#
154 478.3 44.9 67.3#

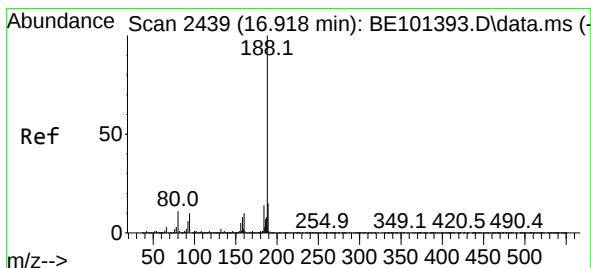
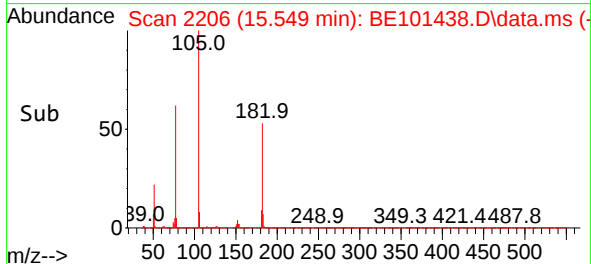
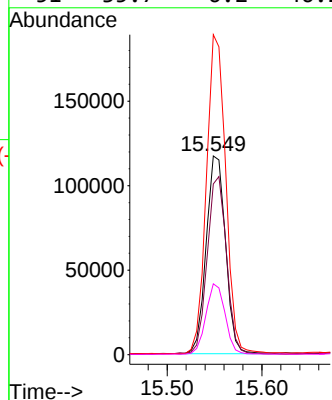
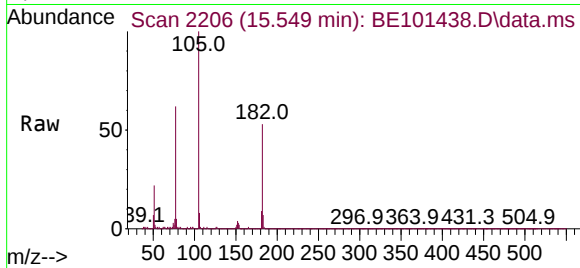




#63
Azobenzene
Concen: 4.932 ng
RT: 15.549 min Scan# 2199
Delta R.T. 0.040 min
Lab File: BE101438.D
Acq: 31 Oct 2024 18:13

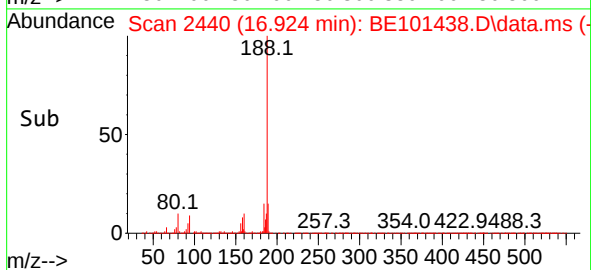
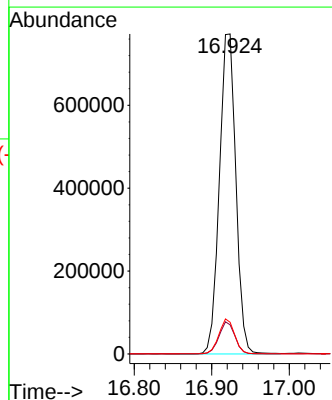
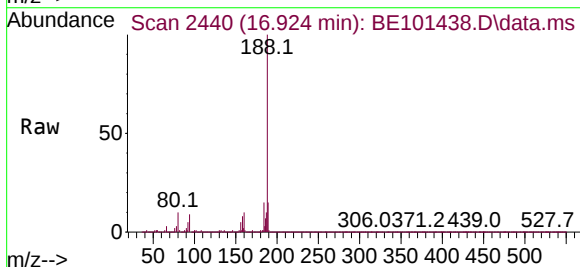
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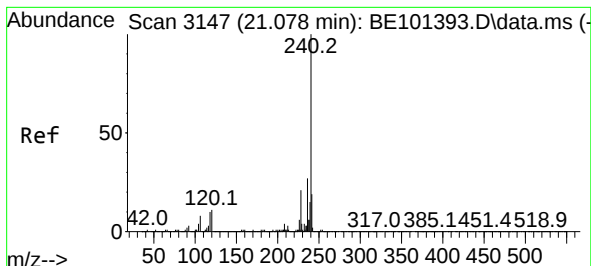
Tgt Ion: 77 Resp: 165721
Ion Ratio Lower Upper
77 100
182 85.9 7.6 47.6#
105 161.0 3.2 43.2#
51 35.7 6.2 46.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.924 min Scan# 2440
Delta R.T. 0.005 min
Lab File: BE101438.D
Acq: 31 Oct 2024 18:13

Tgt Ion:188 Resp: 1139777
Ion Ratio Lower Upper
188 100
94 9.1 7.8 11.8
80 9.9 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: BE101438.D

Acq: 31 Oct 2024 18:13

Instrument :

BNA_E

ClientSampleId :

TP-8

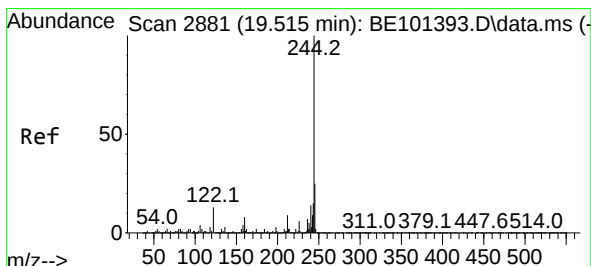
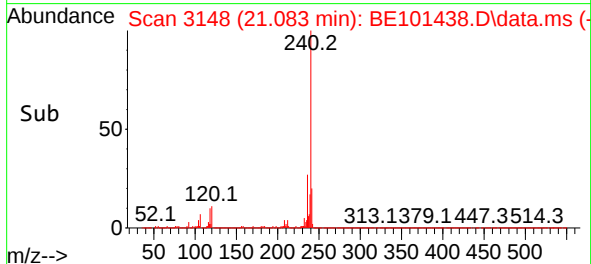
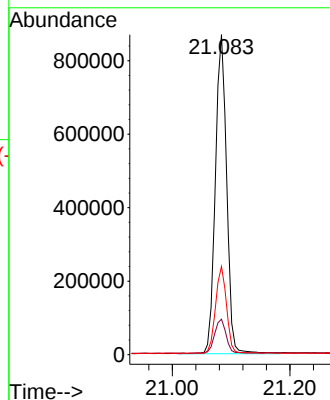
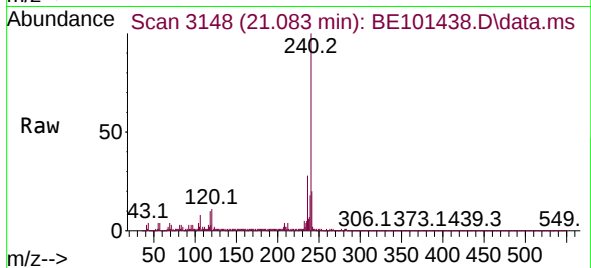
Tgt Ion:240 Resp: 1155183

Ion Ratio Lower Upper

240 100

120 11.1 9.0 13.4

236 27.5 21.4 32.0



#79

Terphenyl-d14

Concen: 52.962 ng

RT: 19.515 min Scan# 2881

Delta R.T. -0.000 min

Lab File: BE101438.D

Acq: 31 Oct 2024 18:13

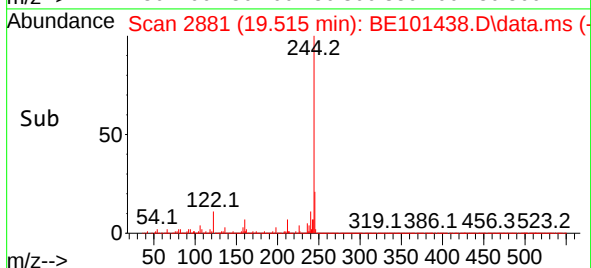
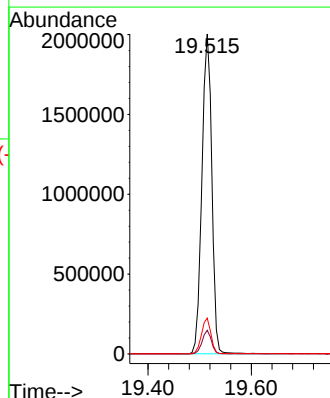
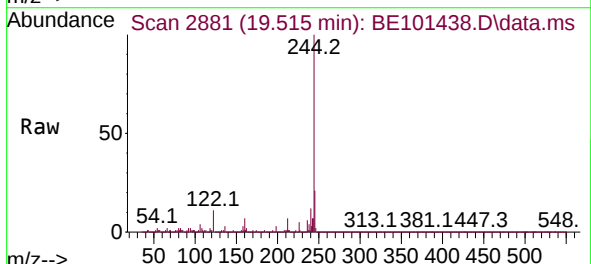
Tgt Ion:244 Resp: 2658243

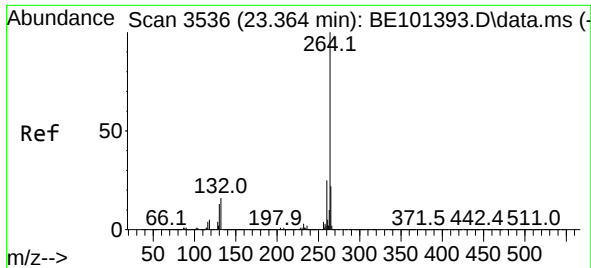
Ion Ratio Lower Upper

244 100

212 7.4 7.2 10.8

122 11.2 10.4 15.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.387 min Scan# 31
Delta R.T. 0.023 min
Lab File: BE101438.D
Acq: 31 Oct 2024 18:13

Instrument :
BNA_E
ClientSampleId :
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Tgt Ion:264 Resp: 1489166
Ion Ratio Lower Upper
264 100
260 24.6 19.8 29.8
265 22.4 17.6 26.4

