

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE102924\
 Data File : BE101401.D
 Acq On : 29 Oct 2024 11:22
 Operator : RC/JU
 Sample : PB164366BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB164366BL

Quant Time: Oct 29 12:07:56 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)

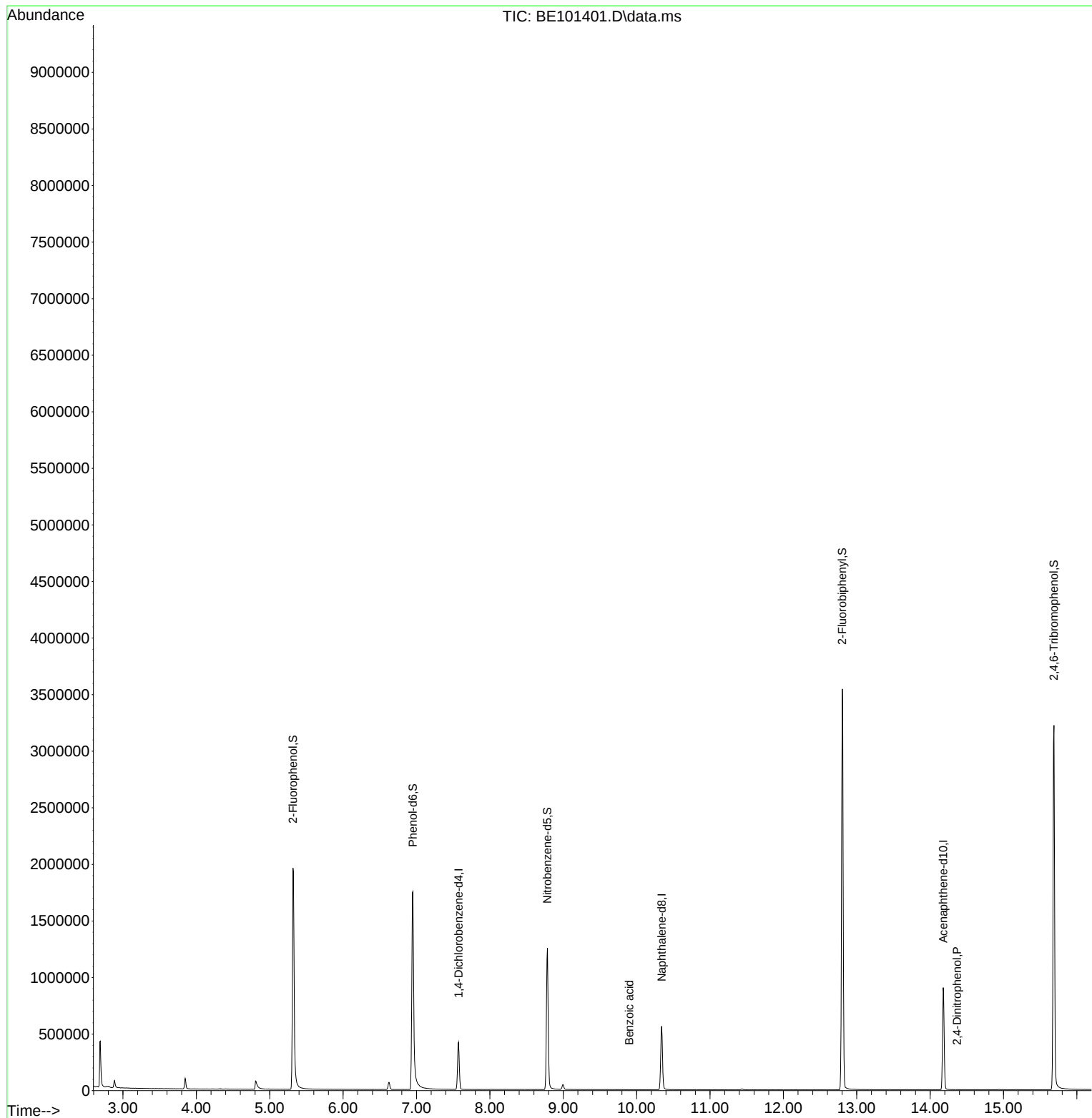
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.573	152	120788	20.000	ng	0.00
21) Naphthalene-d8	10.341	136	503542	20.000	ng	0.00
39) Acenaphthene-d10	14.177	164	327563	20.000	ng	0.00
64) Phenanthrene-d10	16.915	188	763097	20.000	ng	0.00
76) Chrysene-d12	21.075	240	1025624	20.000	ng	0.00
86) Perylene-d12	23.361	264	1416022	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.317	112	1045456	151.698	ng	0.00
7) Phenol-d6	6.951	99	1318601	137.987	ng	0.00
23) Nitrobenzene-d5	8.784	82	754818	94.152	ng	0.00
42) 2,4,6-Tribromophenol	15.687	330	772424	134.542	ng	0.00
45) 2-Fluorobiphenyl	12.803	172	1903287	98.402	ng	0.00
79) Terphenyl-d14	19.512	244	3800702	85.290	ng	0.00
Target Compounds						
32) Benzoic acid	9.900	122	3	8.216	ng	# 1
54) 2,4-Dinitrophenol	14.365	184	36	5.625	ng	# 45

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

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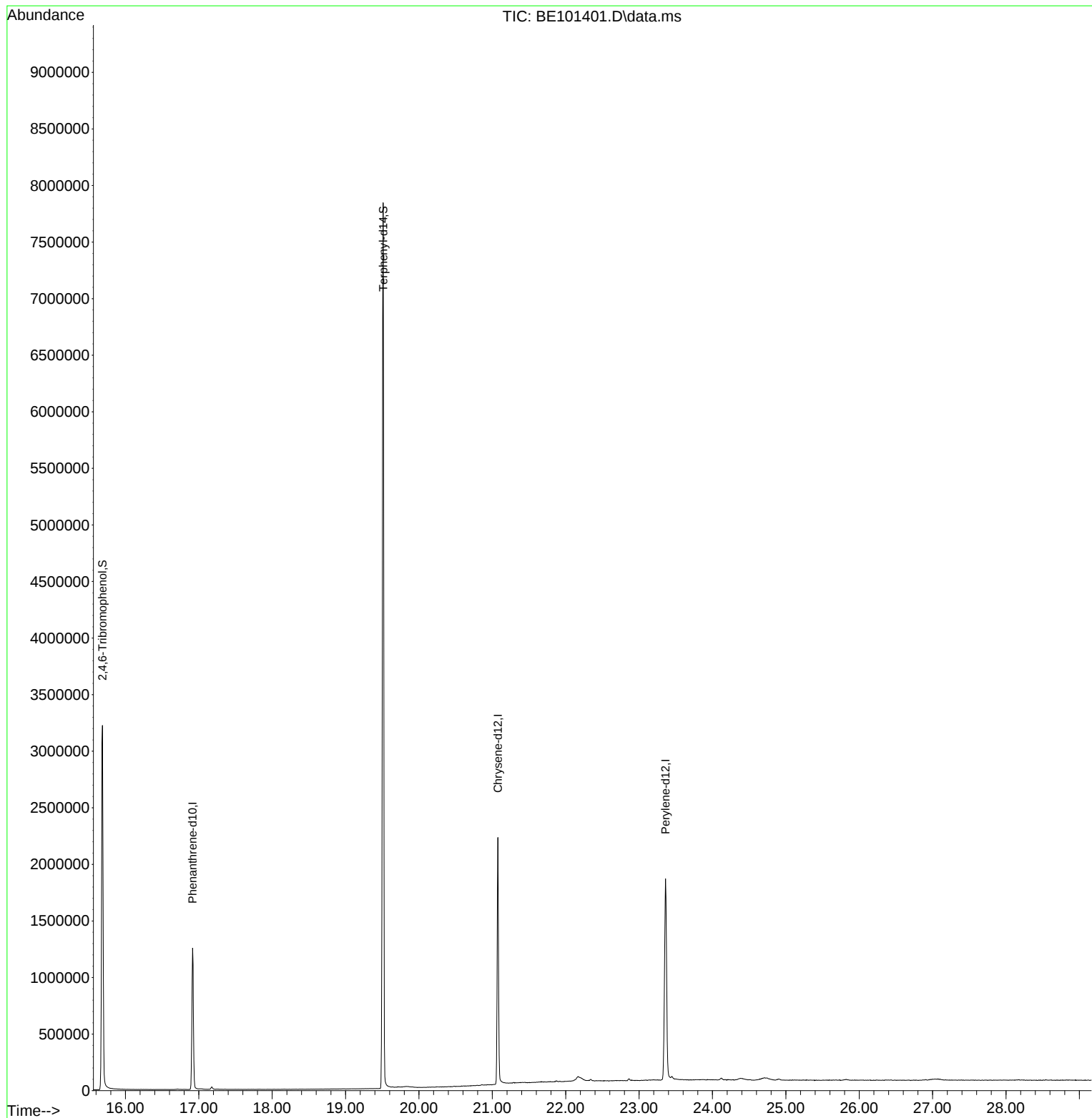
Quant Time: Oct 29 12:07:56 2024
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QLast Update : Tue Oct 29 01:26:30 2024
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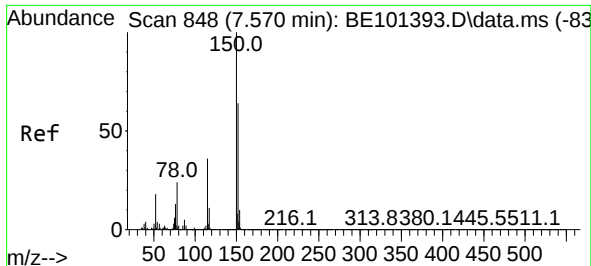


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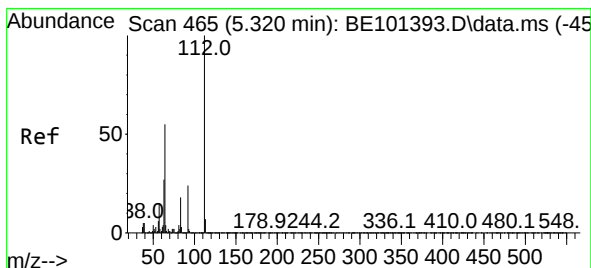
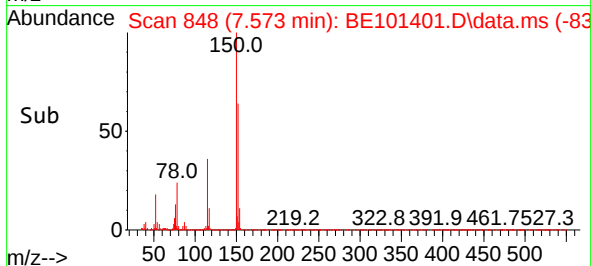
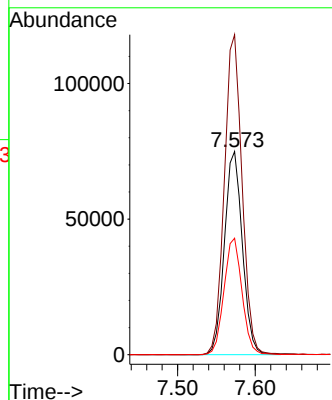
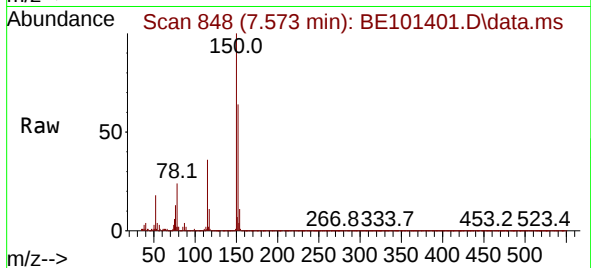




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.573 min Scan# 84
Delta R.T. 0.003 min
Lab File: BE101401.D
Acq: 29 Oct 2024 11:22

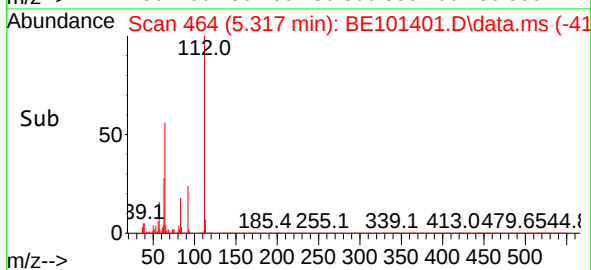
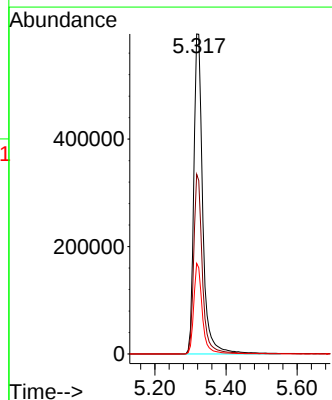
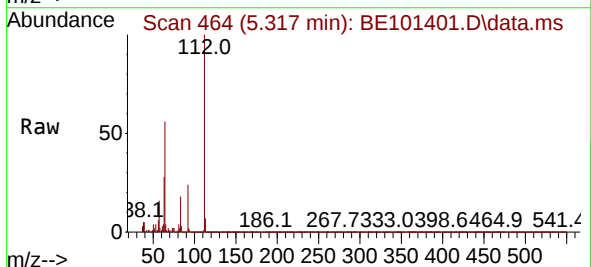
Instrument :
BNA_E
ClientSampleId :
PB164366BL

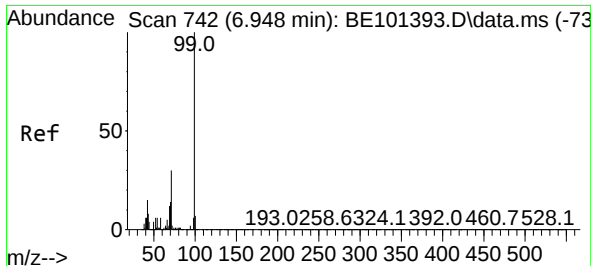
Tgt Ion:152 Resp: 120788
Ion Ratio Lower Upper
152 100
150 157.4 124.2 186.4
115 57.3 45.3 67.9



#5
2-Fluorophenol
Concen: 151.698 ng
RT: 5.317 min Scan# 464
Delta R.T. -0.003 min
Lab File: BE101401.D
Acq: 29 Oct 2024 11:22

Tgt Ion:112 Resp: 1045456
Ion Ratio Lower Upper
112 100
64 56.2 43.7 65.5
63 28.3 21.4 32.2

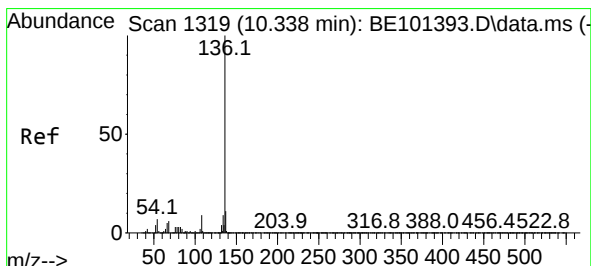
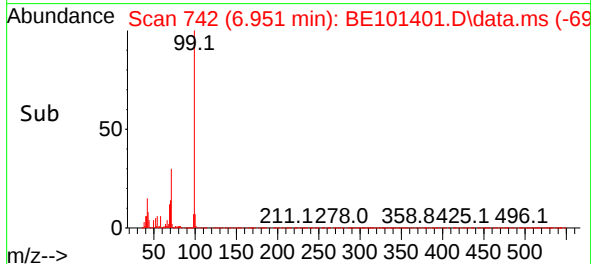
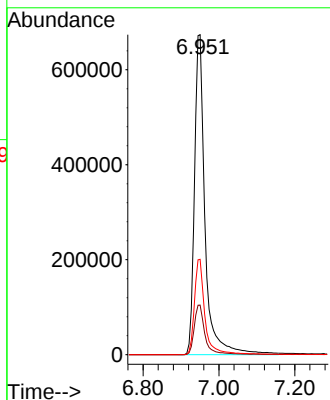
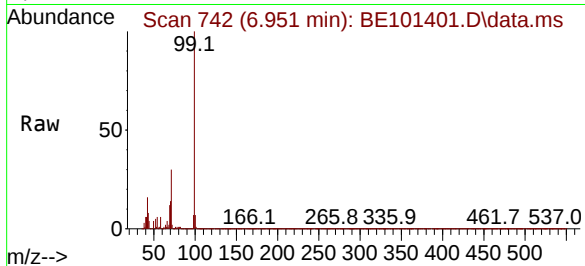




#7
Phenol-d6
Concen: 137.987 ng
RT: 6.951 min Scan# 742
Delta R.T. 0.003 min
Lab File: BE101401.D
Acq: 29 Oct 2024 11:22

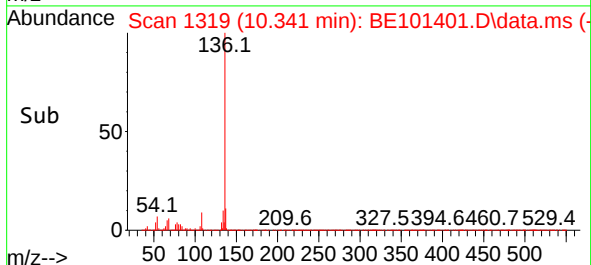
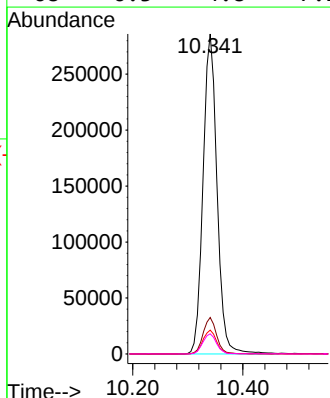
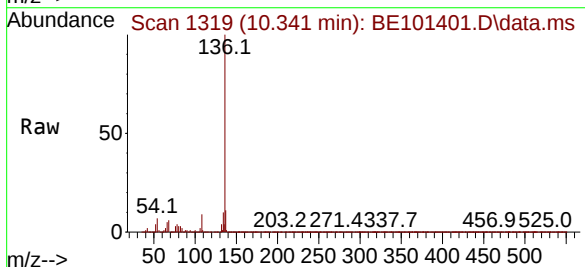
Instrument :
BNA_E
ClientSampleId :
PB164366BL

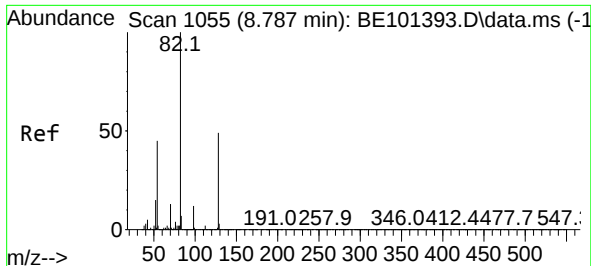
Tgt Ion: 99 Resp: 1318601
Ion Ratio Lower Upper
99 100
42 15.5 12.3 18.5
71 29.8 23.8 35.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.341 min Scan# 1319
Delta R.T. 0.003 min
Lab File: BE101401.D
Acq: 29 Oct 2024 11:22

Tgt Ion:136 Resp: 503542
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 7.5 5.9 8.9
68 6.3 4.8 7.2

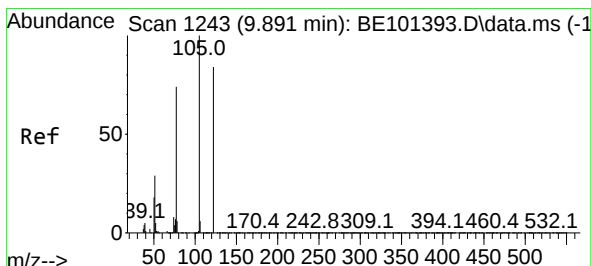
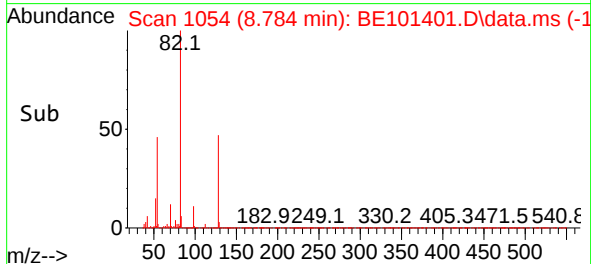
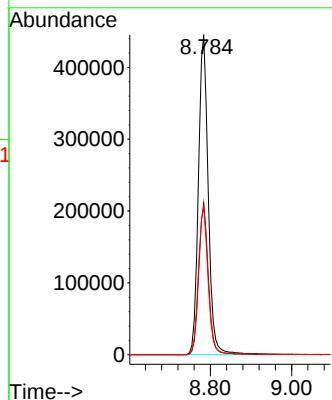
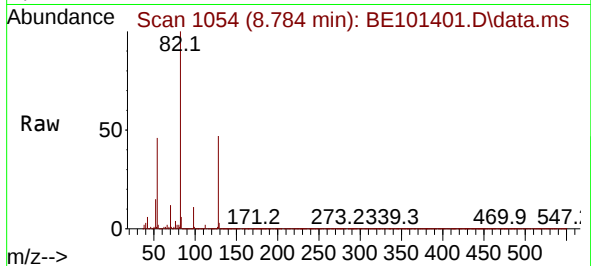




#23
Nitrobenzene-d5
Concen: 94.152 ng
RT: 8.784 min Scan# 1054
Delta R.T. -0.003 min
Lab File: BE101401.D
Acq: 29 Oct 2024 11:22

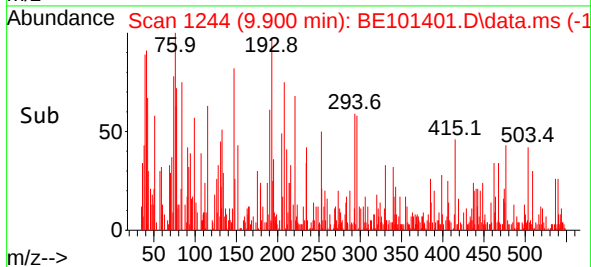
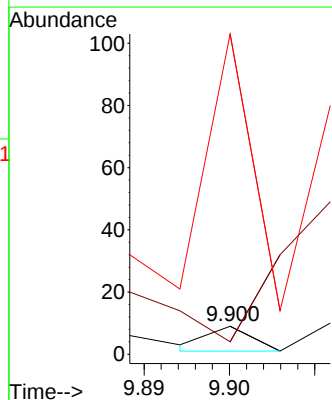
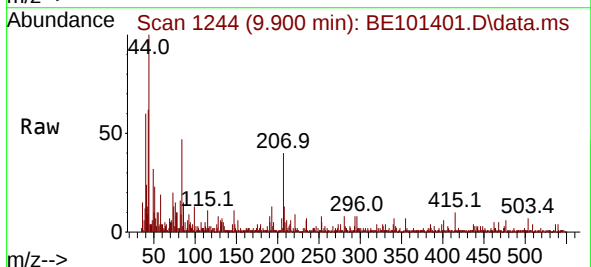
Instrument :
BNA_E
ClientSampleId :
PB164366BL

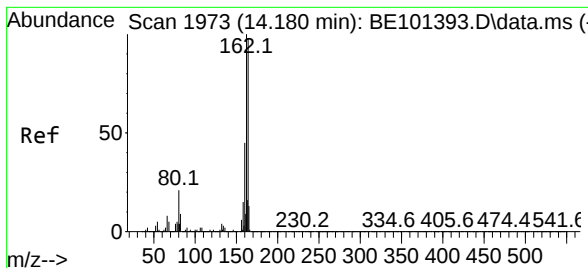
Tgt Ion: 82 Resp: 754818
Ion Ratio Lower Upper
82 100
128 47.5 38.9 58.3
54 46.0 36.2 54.4



#32
Benzoic acid
Concen: 8.216 ng
RT: 9.900 min Scan# 1244
Delta R.T. 0.009 min
Lab File: BE101401.D
Acq: 29 Oct 2024 11:22

Tgt Ion:122 Resp: 3
Ion Ratio Lower Upper
122 100
105 88.9 97.9 137.9#
77 1144.4 68.1 108.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.177 min Scan# 1973

Delta R.T. -0.003 min

Lab File: BE101401.D

Acq: 29 Oct 2024 11:22

Instrument :

BNA_E

ClientSampleId :

PB164366BL

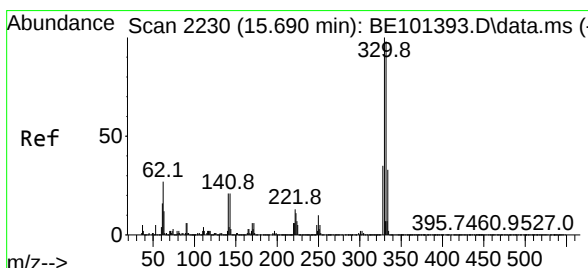
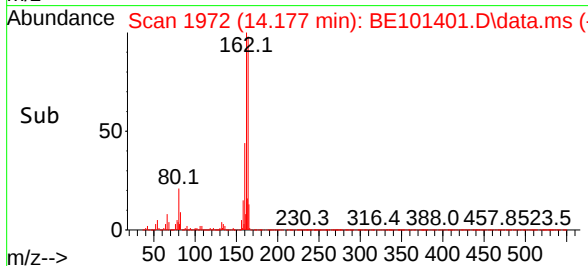
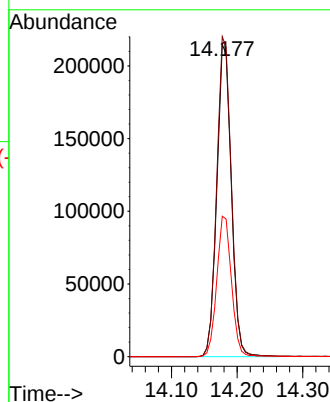
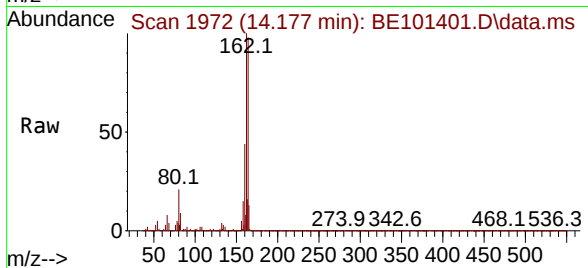
Tgt Ion:164 Resp: 327563

Ion Ratio Lower Upper

164 100

162 102.5 81.3 121.9

160 45.0 36.4 54.6



#42

2,4,6-Tribromophenol

Concen: 134.542 ng

RT: 15.687 min Scan# 2229

Delta R.T. -0.003 min

Lab File: BE101401.D

Acq: 29 Oct 2024 11:22

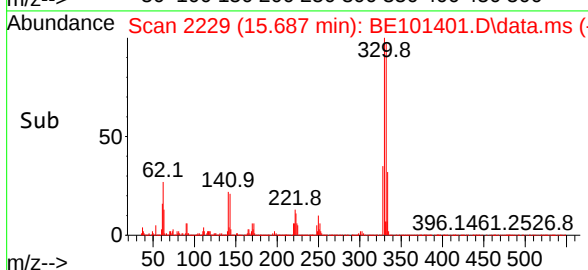
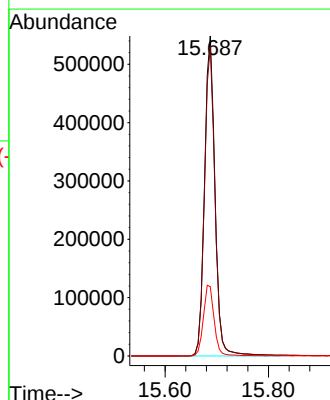
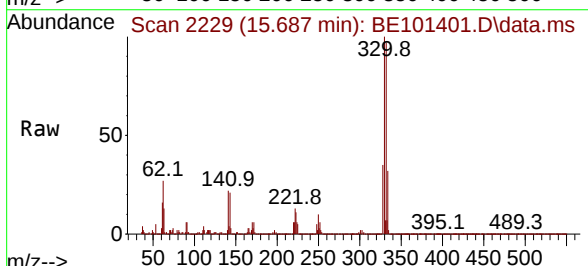
Tgt Ion:330 Resp: 772424

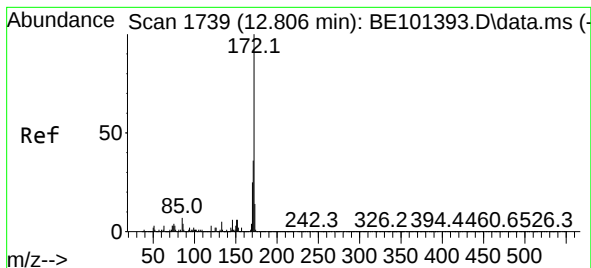
Ion Ratio Lower Upper

330 100

332 97.6 78.2 117.2

141 22.8 18.3 27.5





#45

2-Fluorobiphenyl

Concen: 98.402 ng

RT: 12.803 min Scan# 1

Delta R.T. -0.003 min

Lab File: BE101401.D

Acq: 29 Oct 2024 11:22

Instrument :

BNA_E

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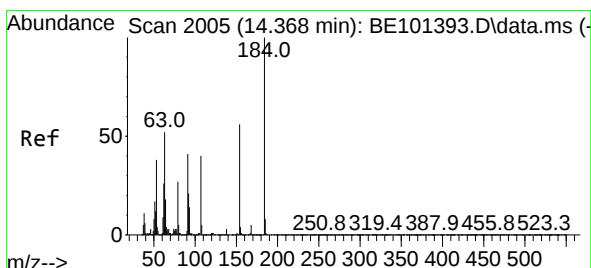
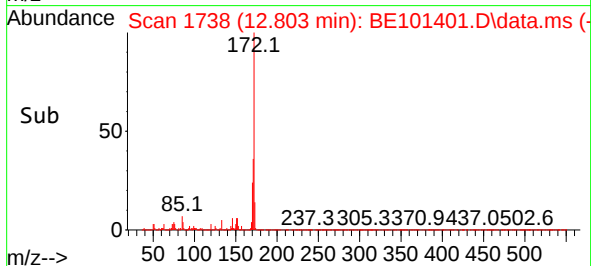
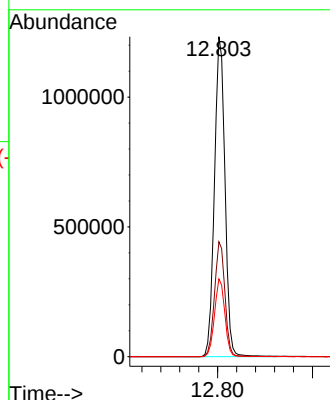
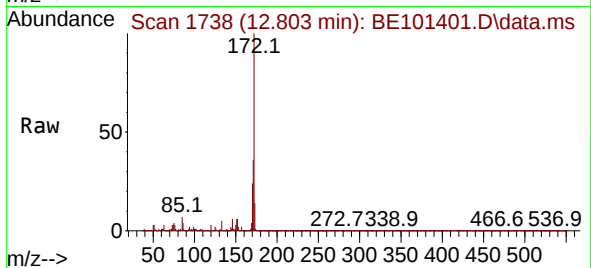
Tgt Ion:172 Resp: 1903287

Ion Ratio Lower Upper

172 100

171 35.9 29.2 43.8

170 24.3 19.8 29.6



#54

2,4-Dinitrophenol

Concen: 5.625 ng

RT: 14.365 min Scan# 2004

Delta R.T. -0.003 min

Lab File: BE101401.D

Acq: 29 Oct 2024 11:22

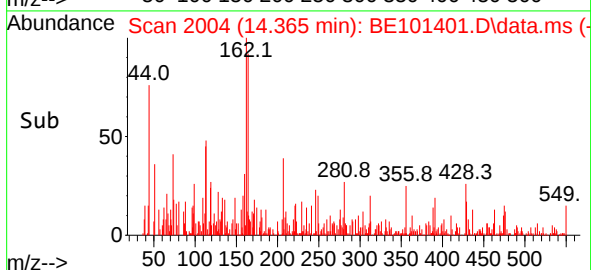
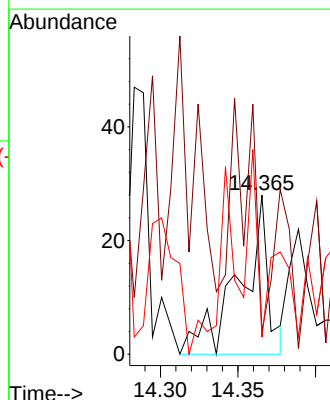
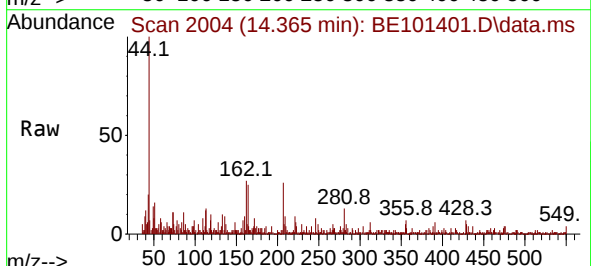
Tgt Ion:184 Resp: 36

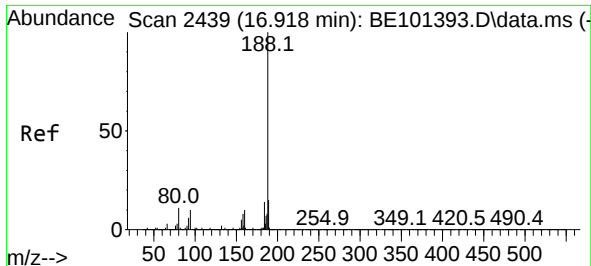
Ion Ratio Lower Upper

184 100

63 85.7 41.8 62.6#

154 10.7 44.9 67.3#

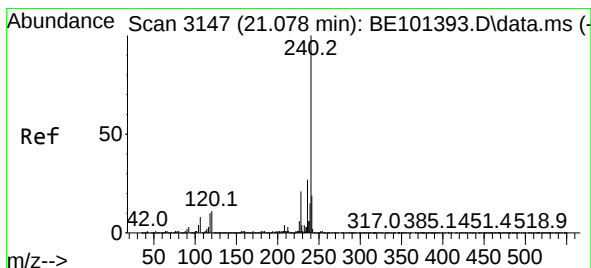
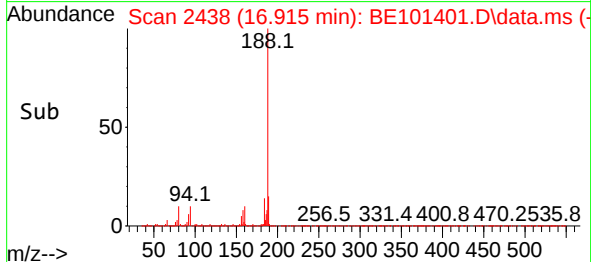
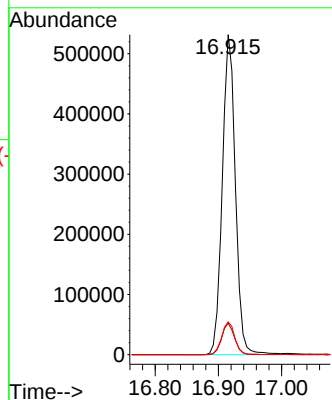
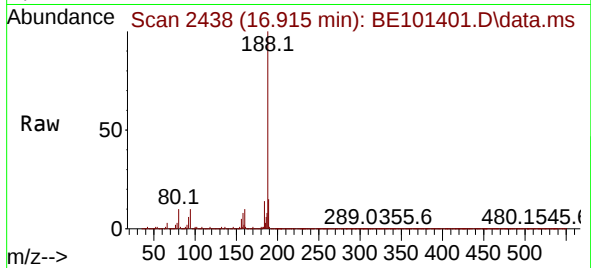




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.915 min Scan# 2439
Delta R.T. -0.003 min
Lab File: BE101401.D
Acq: 29 Oct 2024 11:22

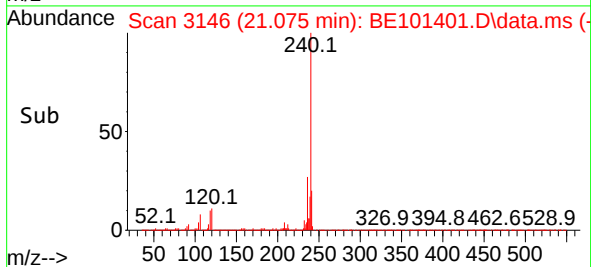
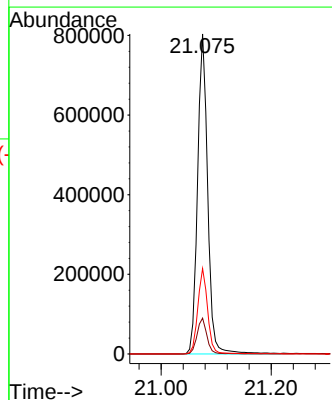
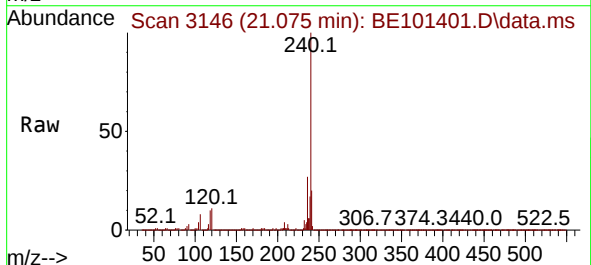
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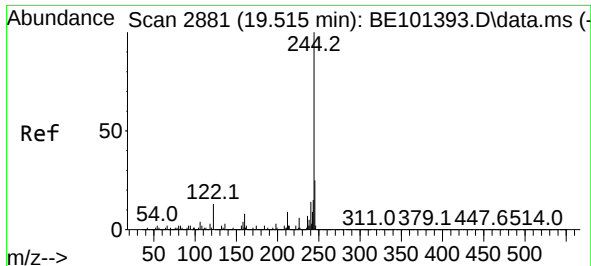
Tgt Ion:188 Resp: 763097
Ion Ratio Lower Upper
188 100
94 9.9 7.8 11.8
80 10.3 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.075 min Scan# 3146
Delta R.T. -0.003 min
Lab File: BE101401.D
Acq: 29 Oct 2024 11:22

Tgt Ion:240 Resp: 1025624
Ion Ratio Lower Upper
240 100
120 11.2 9.0 13.4
236 26.7 21.4 32.0

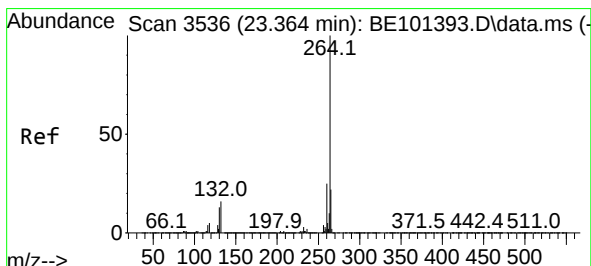
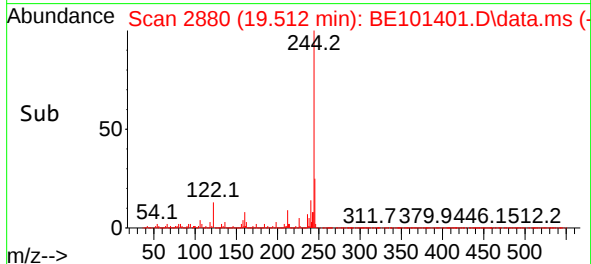
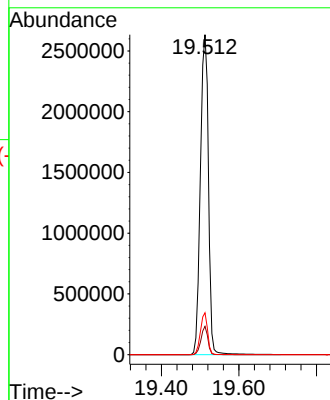
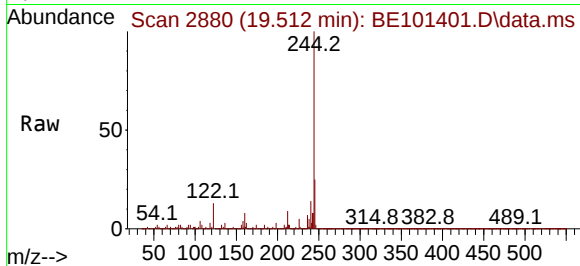




#79
 Terphenyl-d14
 Concen: 85.290 ng
 RT: 19.512 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BE101401.D
 Acq: 29 Oct 2024 11:22

Instrument :
 BNA_E
 ClientSampleId :
 PB164366BL

Tgt Ion:244 Resp: 3800702
 Ion Ratio Lower Upper
 244 100
 212 8.8 7.2 10.8
 122 13.1 10.4 15.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.361 min Scan# 3535
 Delta R.T. -0.003 min
 Lab File: BE101401.D
 Acq: 29 Oct 2024 11:22

Tgt Ion:264 Resp: 1416022
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.8 29.8
 265 21.5 17.6 26.4

