

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110424\
 Data File : BE101469.D
 Acq On : 4 Nov 2024 23:25
 Operator : RC/JU
 Sample : P4667-09 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-F-10

Quant Time: Nov 04 23:33:51 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)

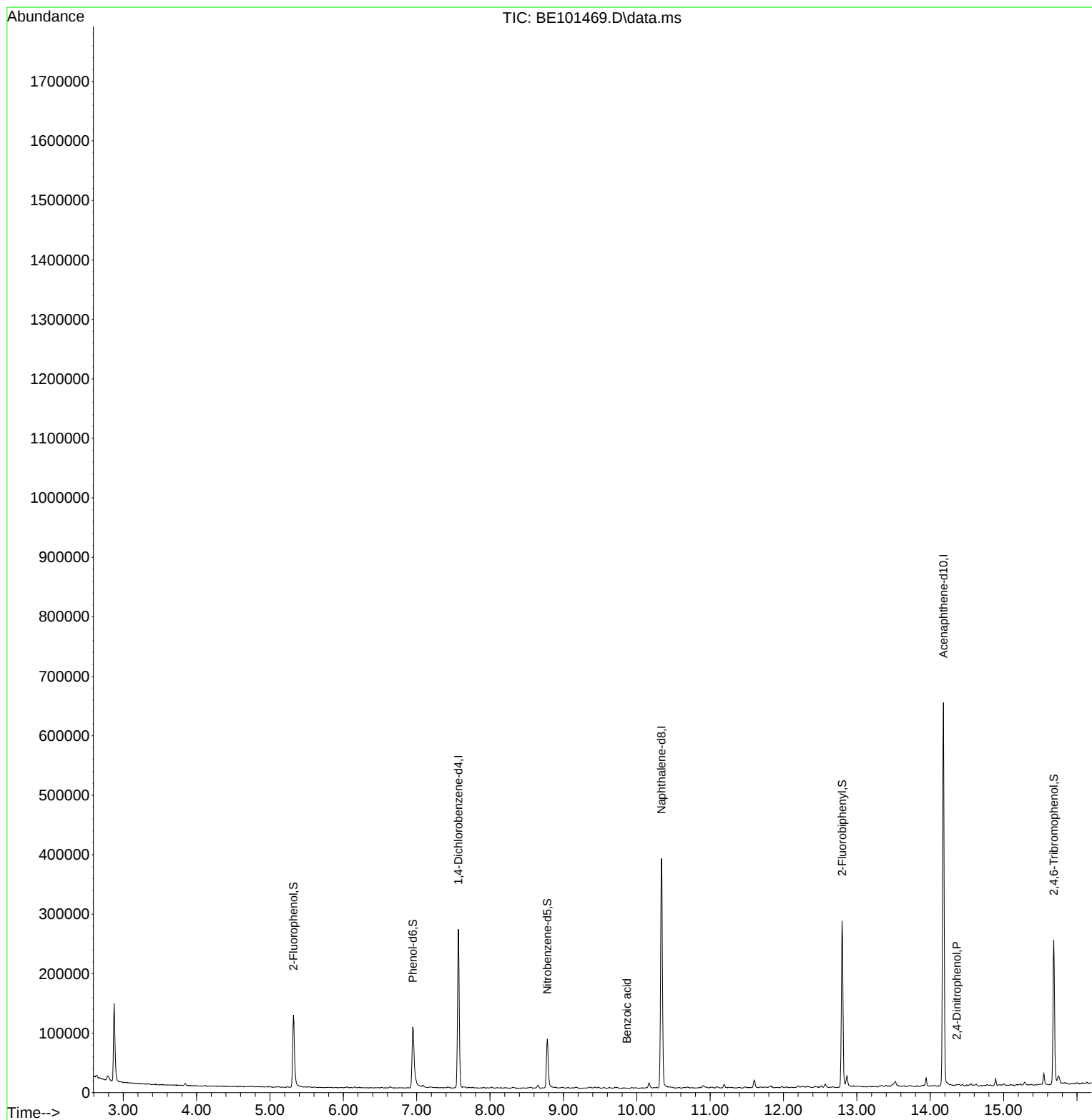
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.570	152	76504	20.000	ng	0.00
21) Naphthalene-d8	10.337	136	338917	20.000	ng	0.00
39) Acenaphthene-d10	14.180	164	232942	20.000	ng	0.00
64) Phenanthrene-d10	16.918	188	520969	20.000	ng	0.00
76) Chrysene-d12	21.078	240	567116	20.000	ng	0.00
86) Perylene-d12	23.369	264	749621	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.320	112	68777	15.756	ng	0.00
7) Phenol-d6	6.947	99	86062	14.219	ng	0.00
23) Nitrobenzene-d5	8.780	82	53308	9.879	ng	0.00
42) 2,4,6-Tribromophenol	15.684	330	62370	15.277	ng	0.00
45) 2-Fluorobiphenyl	12.799	172	153740	11.177	ng	0.00
79) Terphenyl-d14	19.503	244	313022	12.704	ng	-0.01
Target Compounds						
						Qvalue
32) Benzoic acid	9.867	122	14	8.219	ng	# 1
54) 2,4-Dinitrophenol	14.362	184	16	5.622	ng	# 1

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

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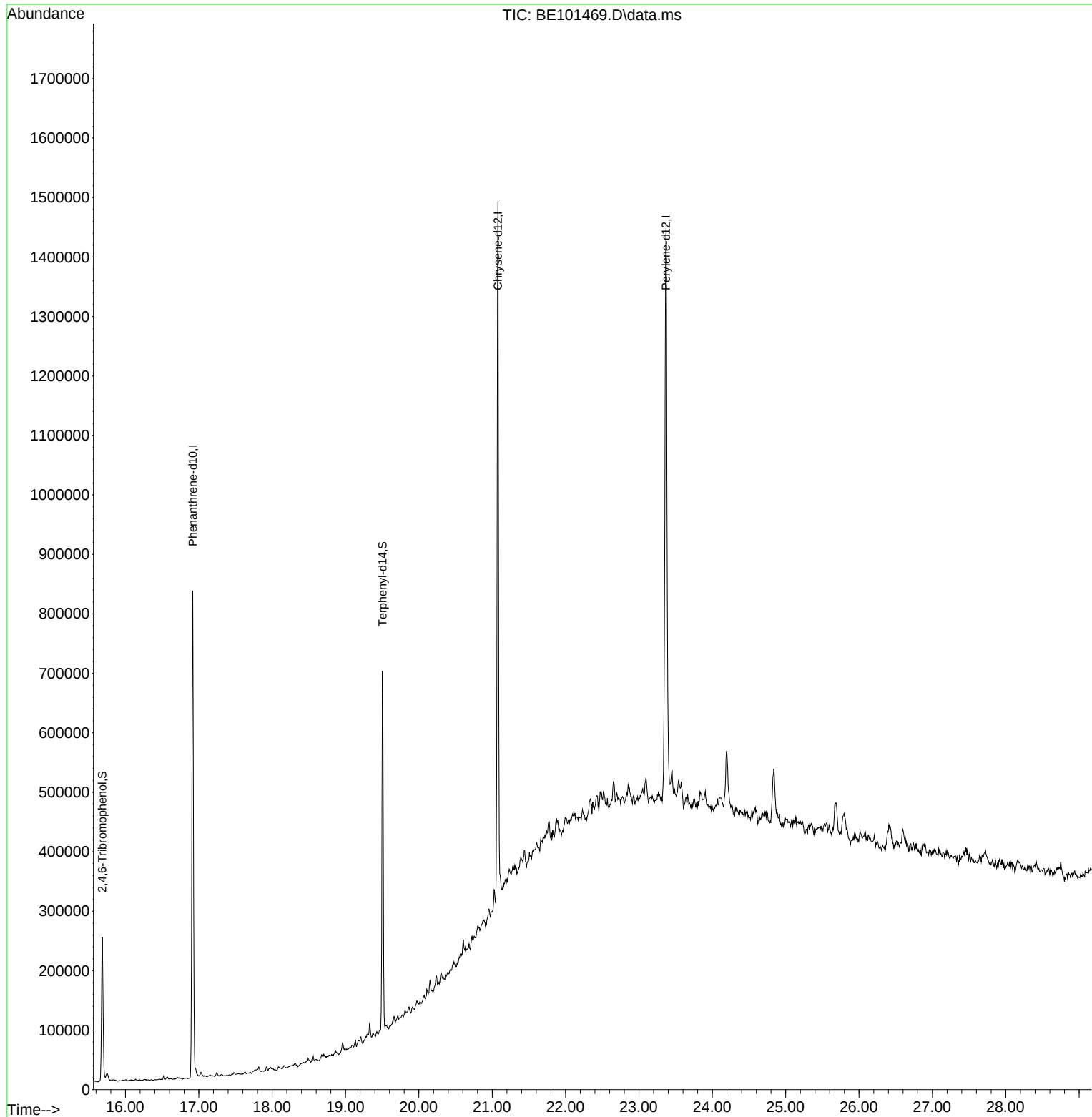
Quant Time: Nov 04 23:33:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
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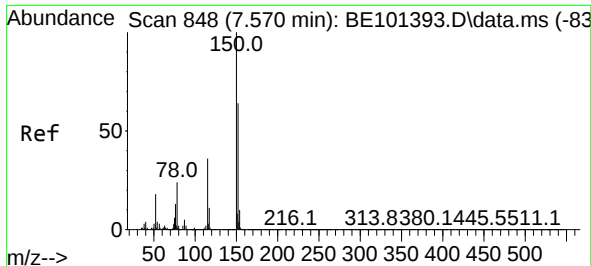


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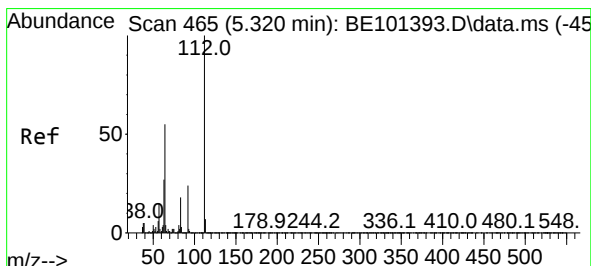
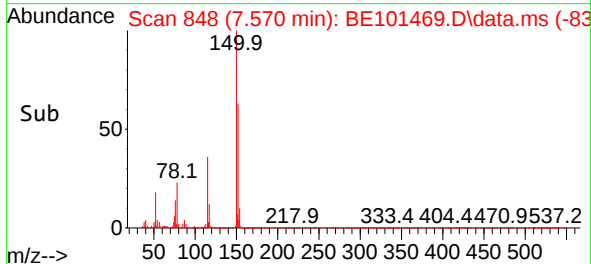
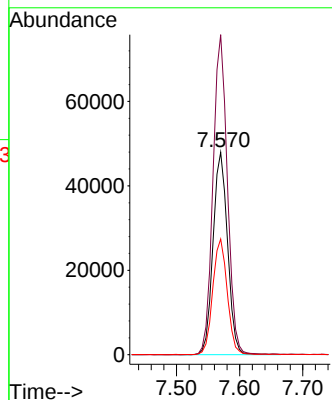
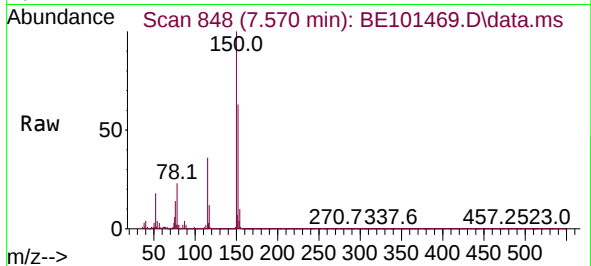




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.570 min Scan# 848
Delta R.T. 0.000 min
Lab File: BE101469.D
Acq: 4 Nov 2024 23:25

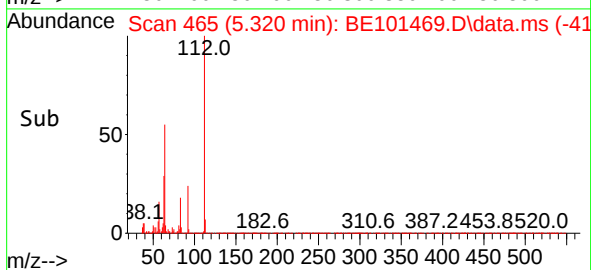
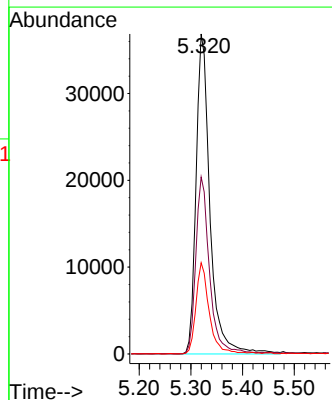
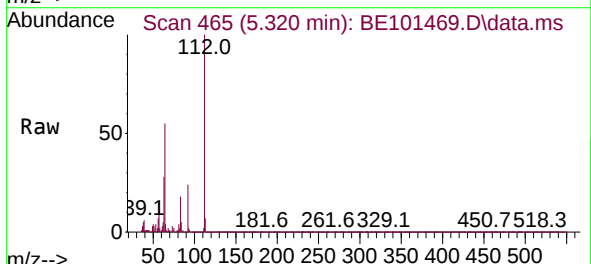
Instrument :
BNA_E
ClientSampleId :
BP-F-10

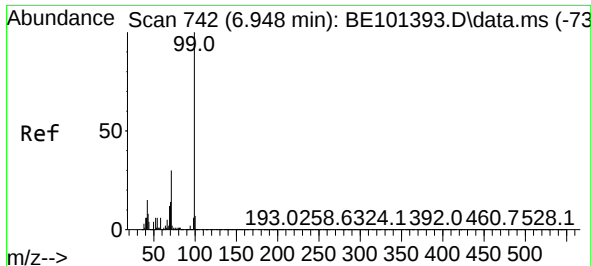
Tgt Ion:152 Resp: 76504
Ion Ratio Lower Upper
152 100
150 158.1 124.2 186.4
115 57.2 45.3 67.9



#5
2-Fluorophenol
Concen: 15.756 ng
RT: 5.320 min Scan# 465
Delta R.T. -0.000 min
Lab File: BE101469.D
Acq: 4 Nov 2024 23:25

Tgt Ion:112 Resp: 68777
Ion Ratio Lower Upper
112 100
64 55.3 43.7 65.5
63 28.5 21.4 32.2

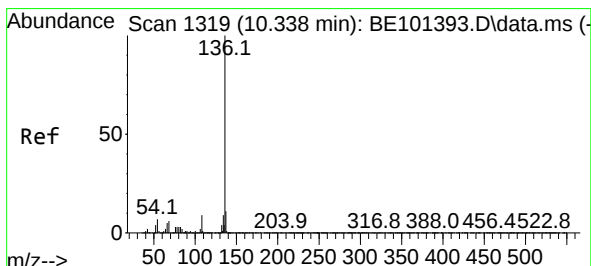
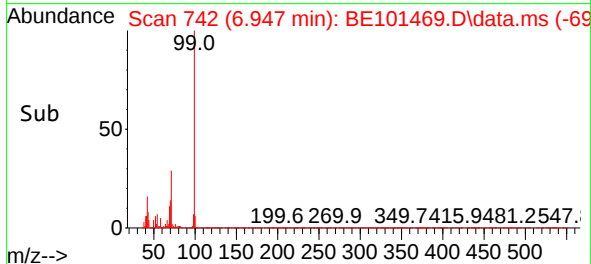
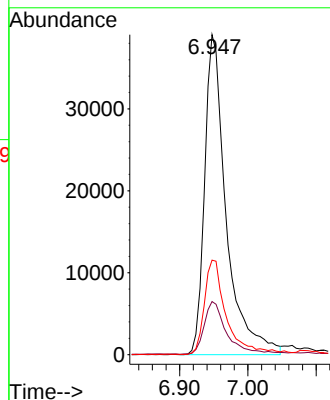
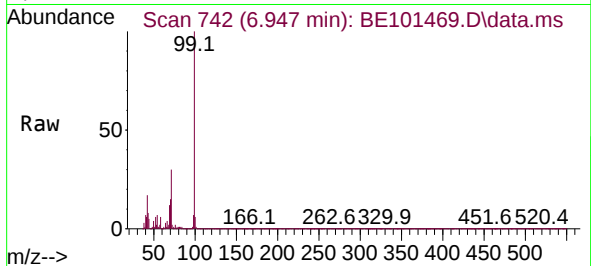




#7
Phenol-d6
Concen: 14.219 ng
RT: 6.947 min Scan# 742
Delta R.T. -0.000 min
Lab File: BE101469.D
Acq: 4 Nov 2024 23:25

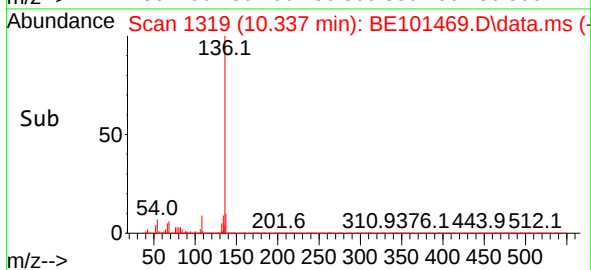
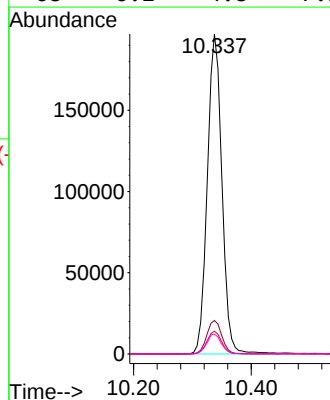
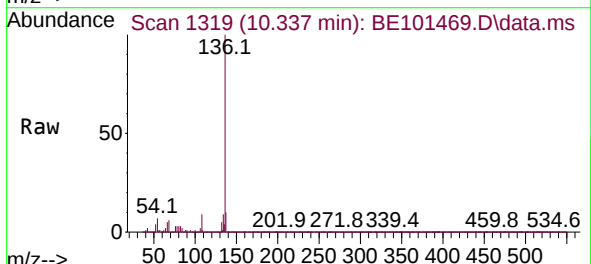
Instrument :
BNA_E
ClientSampleId :
BP-F-10

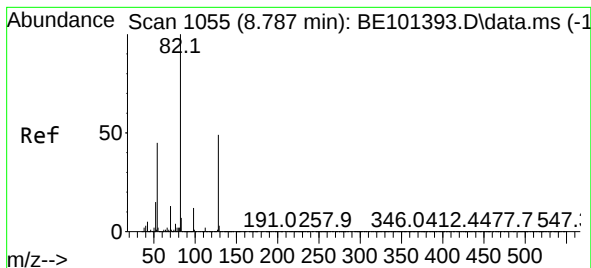
Tgt Ion: 99 Resp: 86062
Ion Ratio Lower Upper
99 100
42 16.6 12.3 18.5
71 29.6 23.8 35.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.337 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BE101469.D
Acq: 4 Nov 2024 23:25

Tgt Ion:136 Resp: 338917
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.6
54 7.1 5.9 8.9
68 6.2 4.8 7.2





#23

Nitrobenzene-d5

Concen: 9.879 ng

RT: 8.780 min Scan# 1

Delta R.T. -0.006 min

Lab File: BE101469.D

Acq: 4 Nov 2024 23:25

Instrument :

BNA_E

ClientSampleId :

BP-F-10

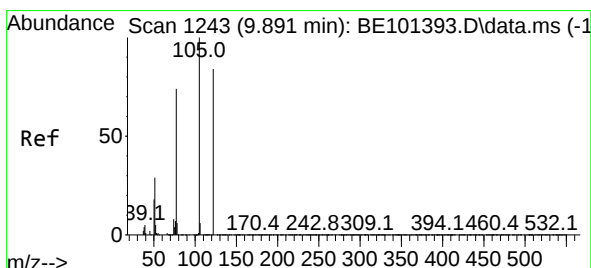
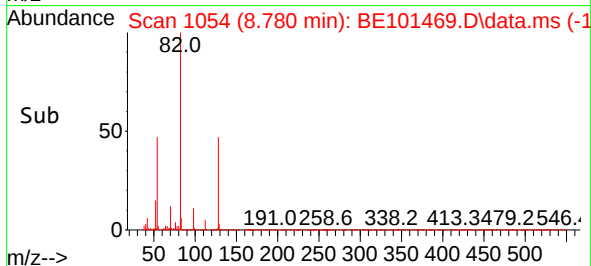
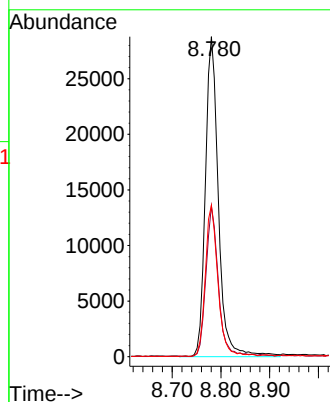
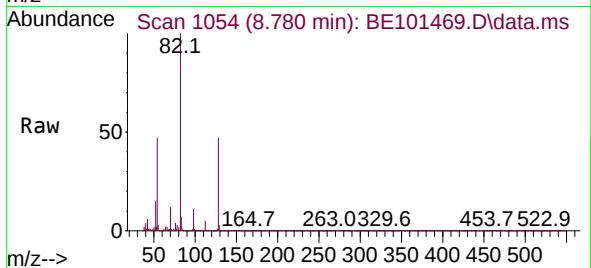
Tgt Ion: 82 Resp: 53308

Ion Ratio Lower Upper

82 100

128 47.1 38.9 58.3

54 47.3 36.2 54.4



#32

Benzoic acid

Concen: 8.219 ng

RT: 9.867 min Scan# 1239

Delta R.T. -0.024 min

Lab File: BE101469.D

Acq: 4 Nov 2024 23:25

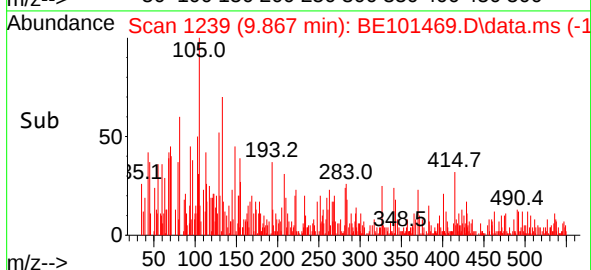
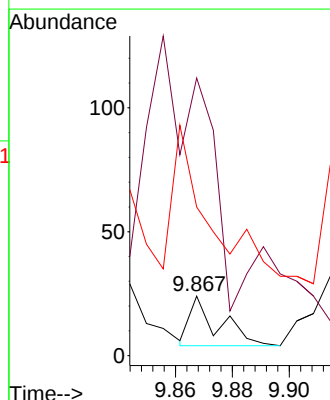
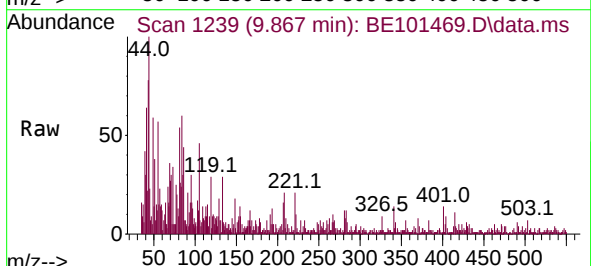
Tgt Ion: 122 Resp: 14

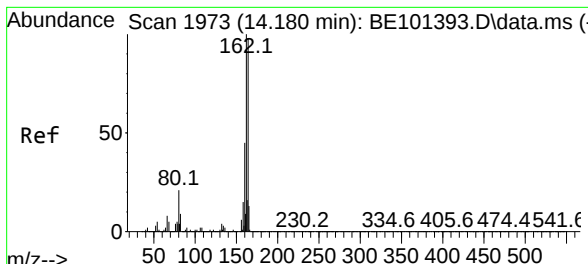
Ion Ratio Lower Upper

122 100

105 466.7 97.9 137.9#

77 250.0 68.1 108.1#



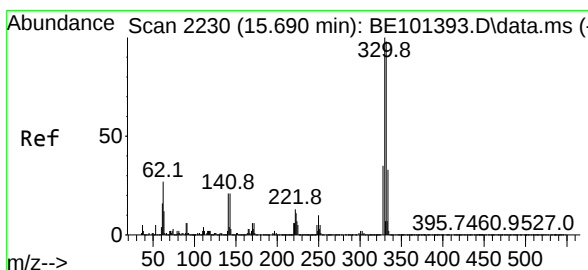
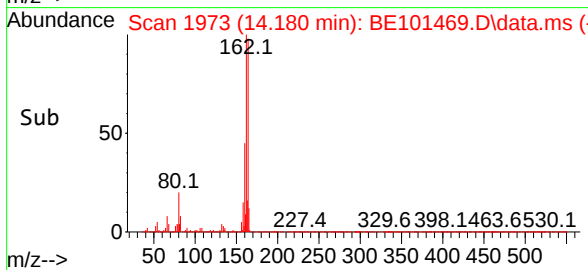
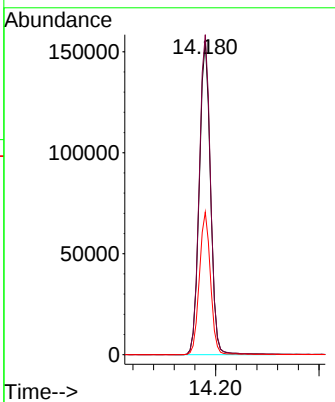
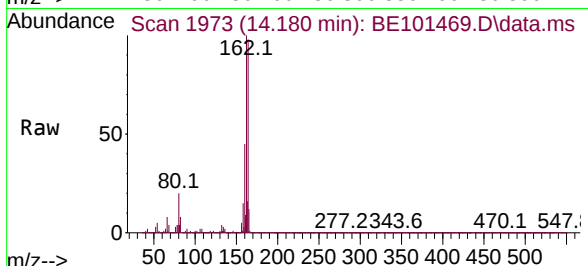


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.180 min Scan# 1973
Delta R.T. -0.000 min
Lab File: BE101469.D
Acq: 4 Nov 2024 23:25

Instrument :
BNA_E
ClientSampleId :
BP-F-10

Tgt Ion:164 Resp: 232942

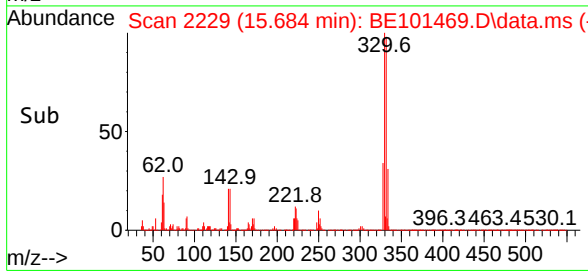
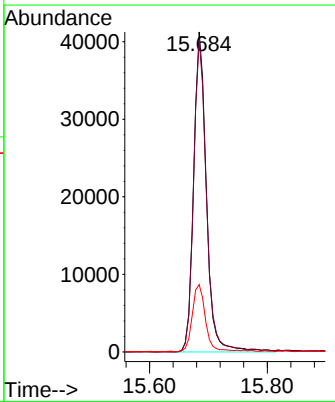
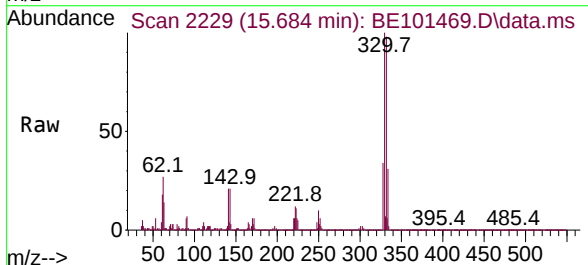
Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.3	121.9
160	45.4	36.4	54.6

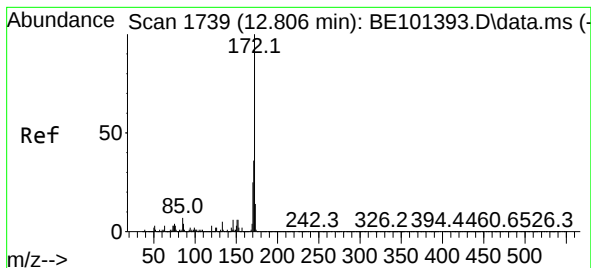


#42
2,4,6-Tribromophenol
Concen: 15.277 ng
RT: 15.684 min Scan# 2229
Delta R.T. -0.006 min
Lab File: BE101469.D
Acq: 4 Nov 2024 23:25

Tgt Ion:330 Resp: 62370

Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.2	117.2
141	21.2	18.3	27.5





#45

2-Fluorobiphenyl

Concen: 11.177 ng

RT: 12.799 min Scan# 1

Delta R.T. -0.006 min

Lab File: BE101469.D

Acq: 4 Nov 2024 23:25

Instrument :

BNA_E

ClientSampleId :

BP-F-10

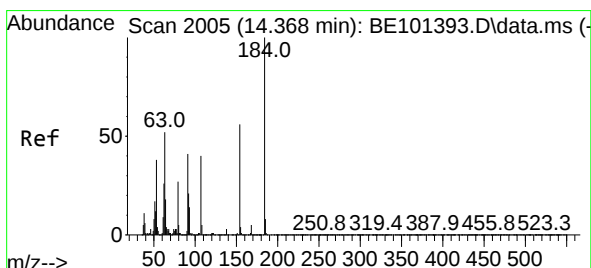
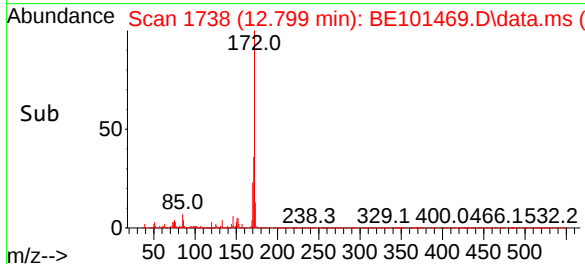
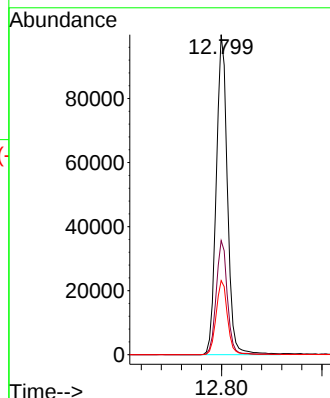
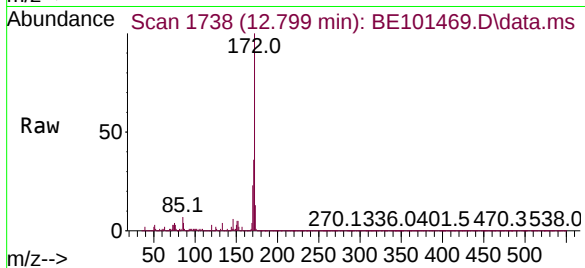
Tgt Ion:172 Resp: 153740

Ion Ratio Lower Upper

172 100

171 35.7 29.2 43.8

170 23.2 19.8 29.6



#54

2,4-Dinitrophenol

Concen: 5.622 ng

RT: 14.362 min Scan# 2004

Delta R.T. -0.006 min

Lab File: BE101469.D

Acq: 4 Nov 2024 23:25

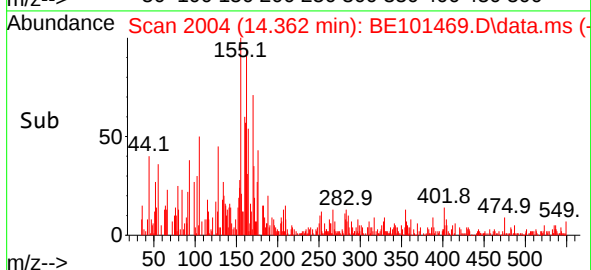
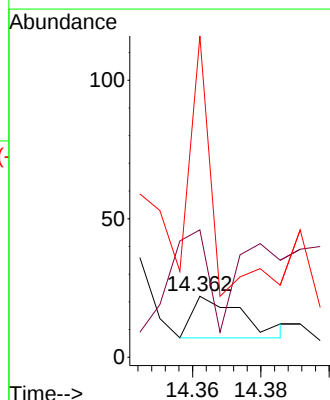
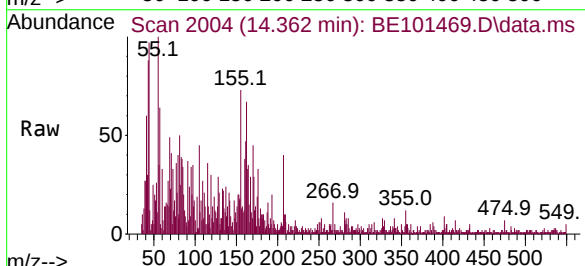
Tgt Ion:184 Resp: 16

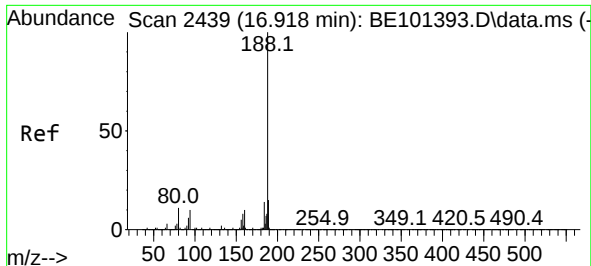
Ion Ratio Lower Upper

184 100

63 209.1 41.8 62.6#

154 527.3 44.9 67.3#

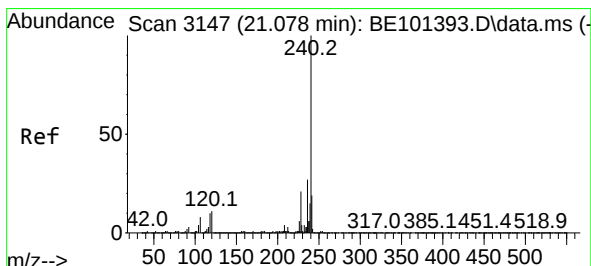
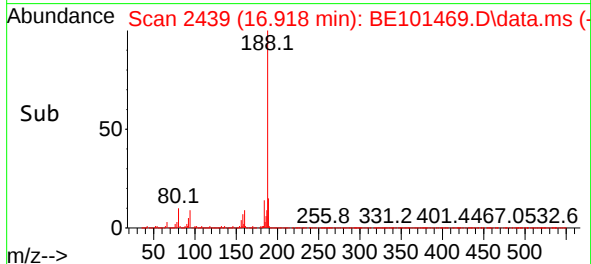
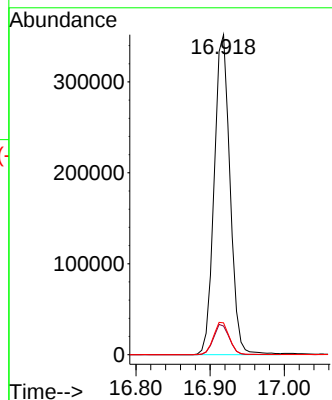
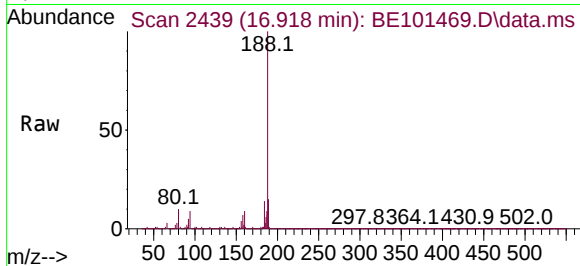




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.918 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BE101469.D
Acq: 4 Nov 2024 23:25

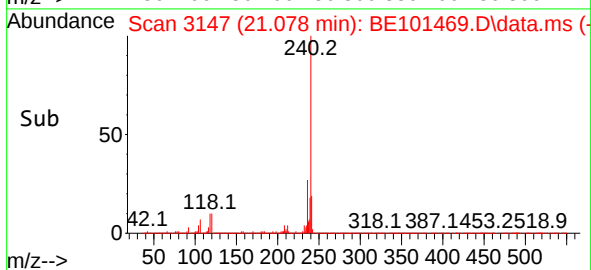
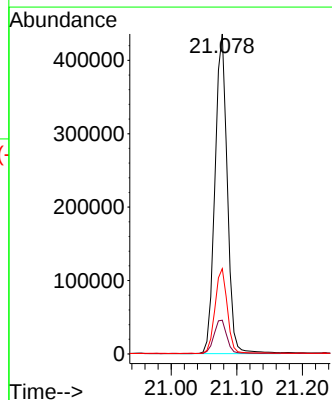
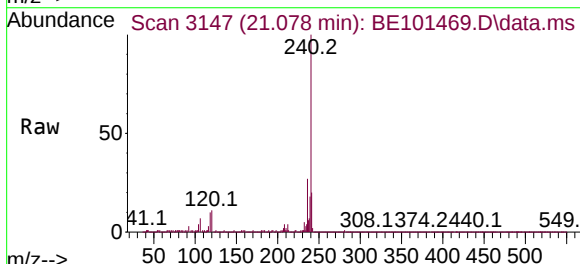
Instrument :
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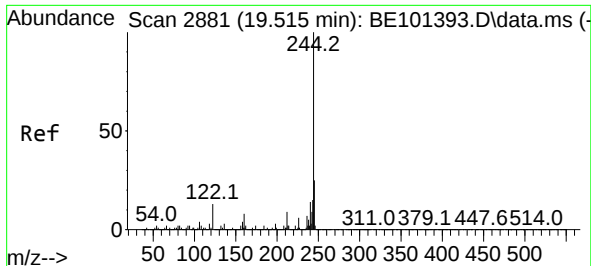
Tgt Ion:188 Resp: 520969
Ion Ratio Lower Upper
188 100
94 8.9 7.8 11.8
80 9.9 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.078 min Scan# 3147
Delta R.T. -0.000 min
Lab File: BE101469.D
Acq: 4 Nov 2024 23:25

Tgt Ion:240 Resp: 567116
Ion Ratio Lower Upper
240 100
120 10.6 9.0 13.4
236 26.6 21.4 32.0

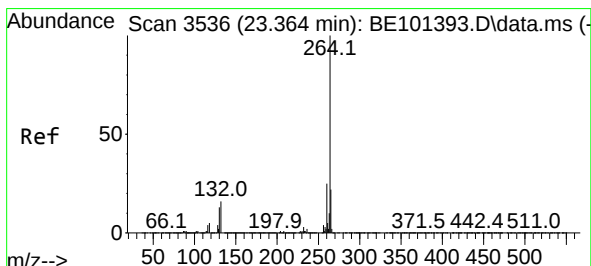
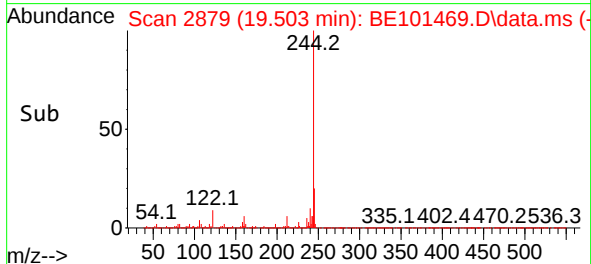
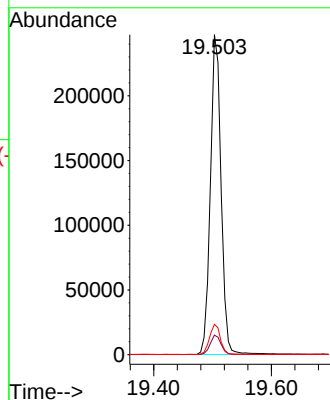
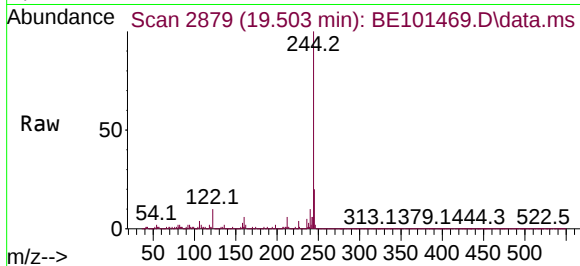




#79
 Terphenyl-d14
 Concen: 12.704 ng
 RT: 19.503 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BE101469.D
 Acq: 4 Nov 2024 23:25

Instrument :
 BNA_E
 ClientSampleId :
 BP-F-10

Tgt Ion:244 Resp: 313022
 Ion Ratio Lower Upper
 244 100
 212 6.1 7.2 10.8#
 122 9.5 10.4 15.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.369 min Scan# 3537
 Delta R.T. 0.006 min
 Lab File: BE101469.D
 Acq: 4 Nov 2024 23:25

Tgt Ion:264 Resp: 749621
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.8 29.8
 265 21.9 17.6 26.4

