

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110524\
 Data File : BE101483.D
 Acq On : 5 Nov 2024 17:28
 Operator : RC/JU
 Sample : P4643-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 06 00:02:37 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)

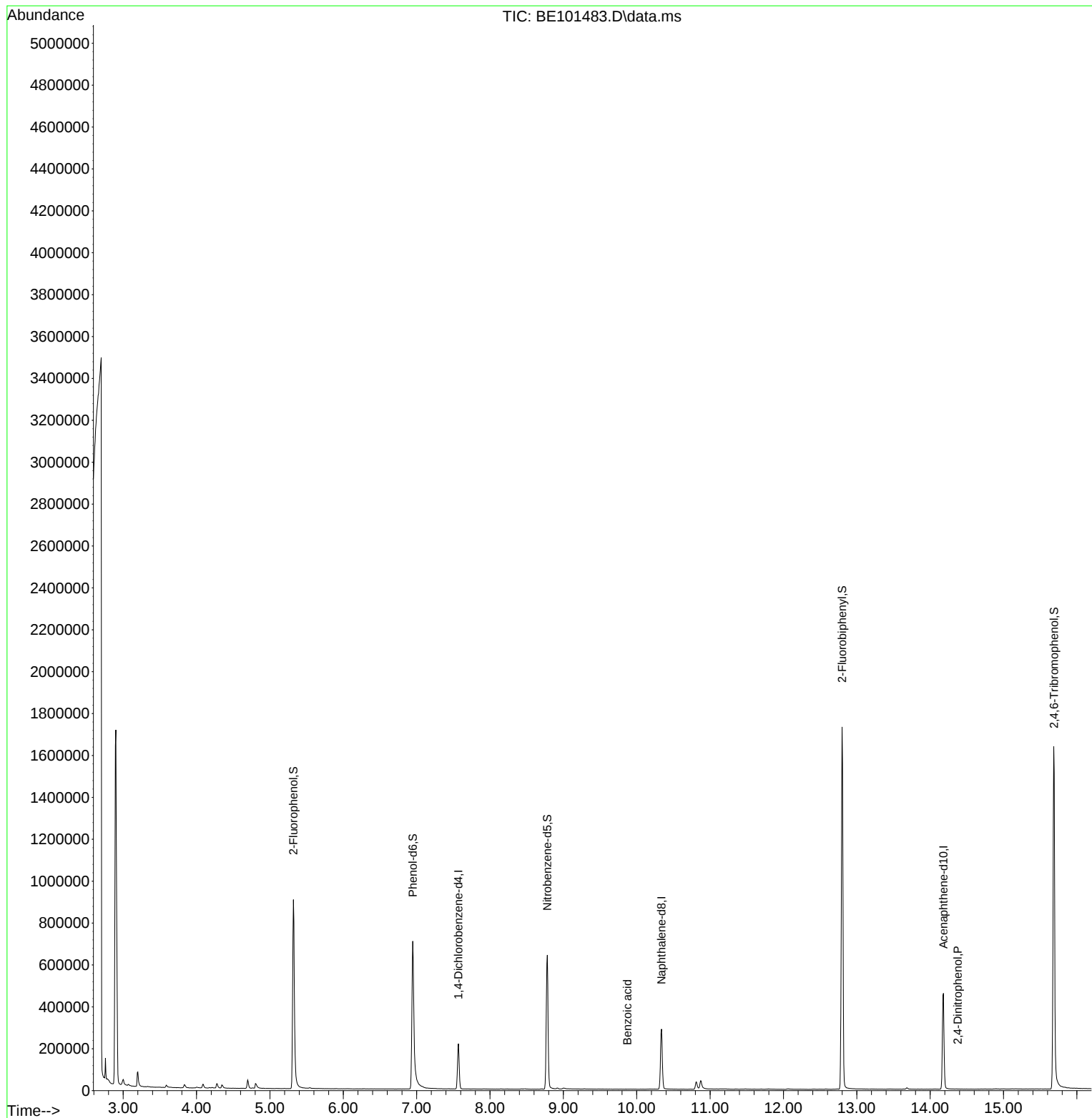
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.570	152	61606	20.000	ng	0.00
21) Naphthalene-d8	10.338	136	260314	20.000	ng	0.00
39) Acenaphthene-d10	14.180	164	172720	20.000	ng	0.00
64) Phenanthrene-d10	16.918	188	405128	20.000	ng	0.00
76) Chrysene-d12	21.078	240	501969	20.000	ng	0.00
86) Perylene-d12	23.364	264	663771	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.320	112	480529	136.708	ng	0.00
7) Phenol-d6	6.947	99	571379	117.233	ng	0.00
23) Nitrobenzene-d5	8.781	82	388714	93.790	ng	0.00
42) 2,4,6-Tribromophenol	15.690	330	445365	147.120	ng	0.00
45) 2-Fluorobiphenyl	12.799	172	953335	93.475	ng	0.00
79) Terphenyl-d14	19.509	244	2163568	99.201	ng	0.00
Target Compounds						
32) Benzoic acid	9.873	122	38	8.227	ng	Qvalue # 25
54) 2,4-Dinitrophenol	14.374	184	16	5.624	ng	# 47

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

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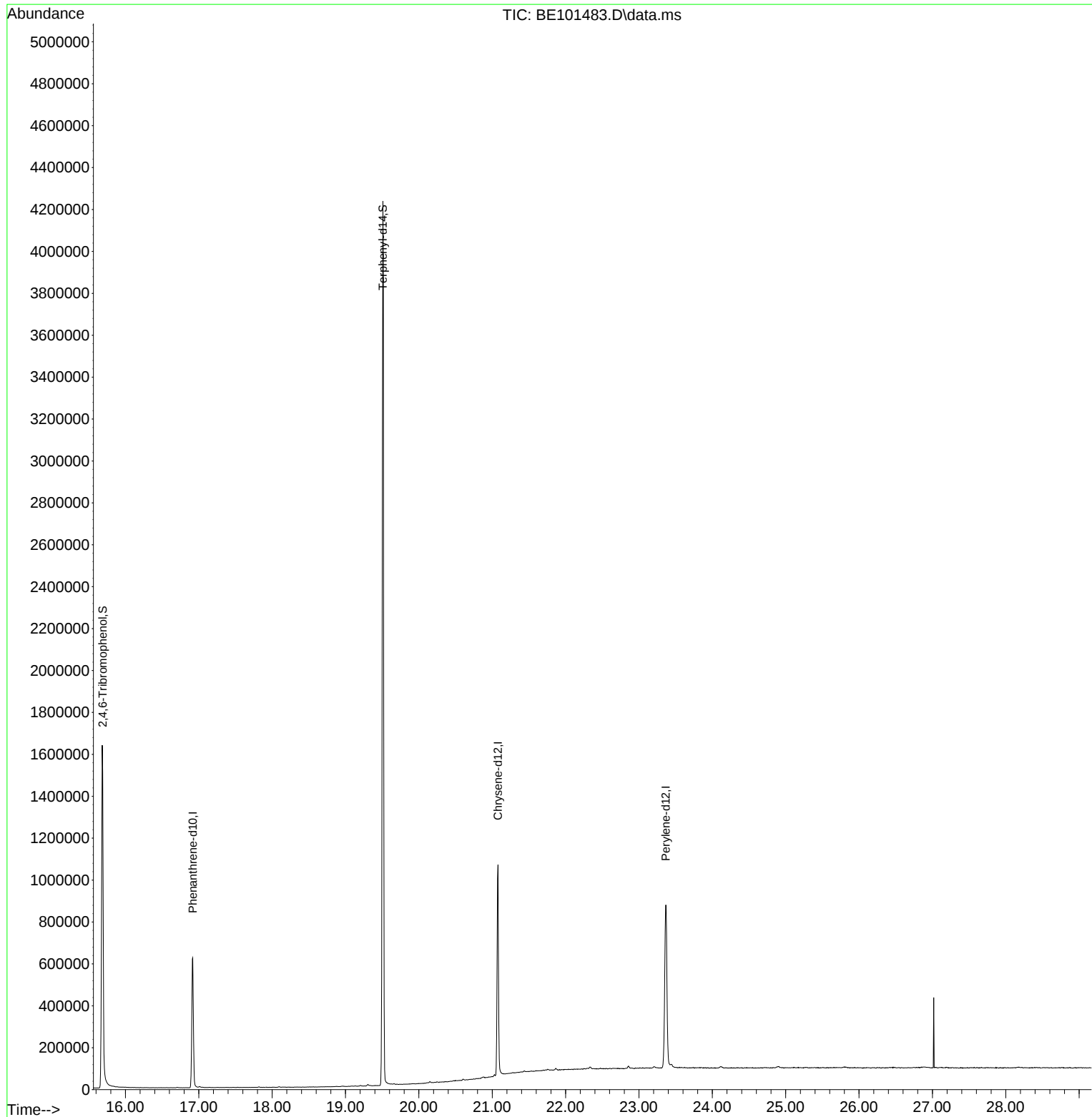
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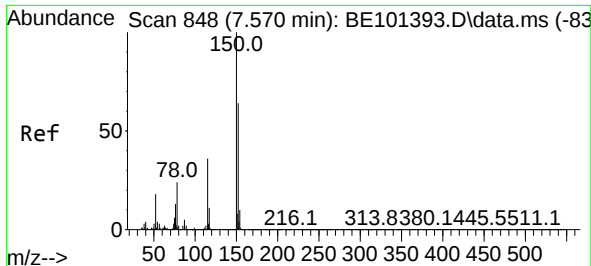


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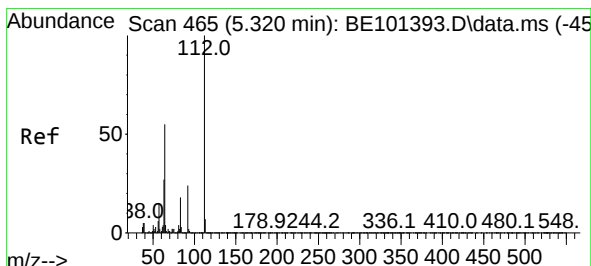
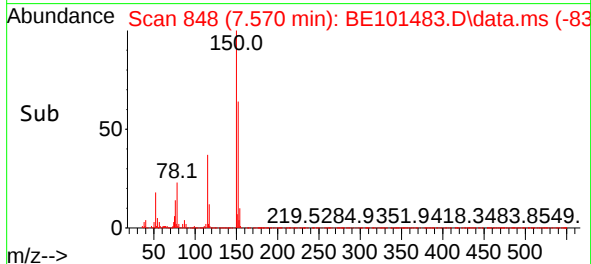
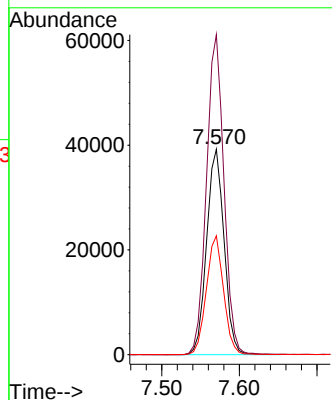
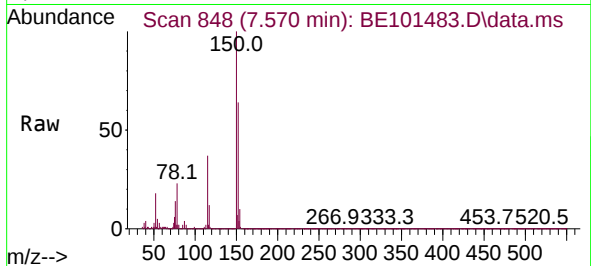




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.570 min Scan# 84
Delta R.T. 0.000 min
Lab File: BE101483.D
Acq: 5 Nov 2024 17:28

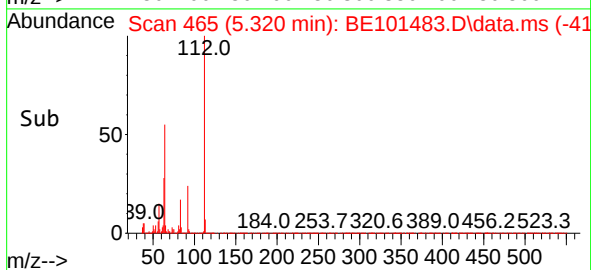
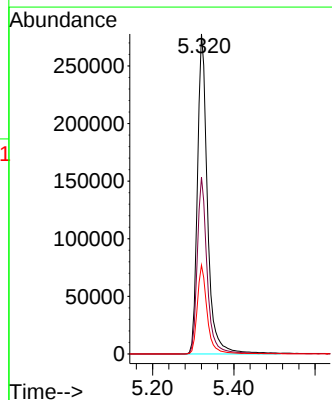
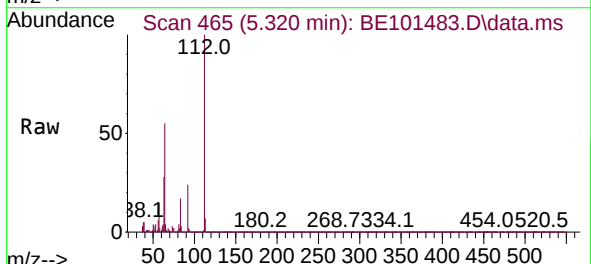
Instrument :
BNA_E
ClientSampleId :

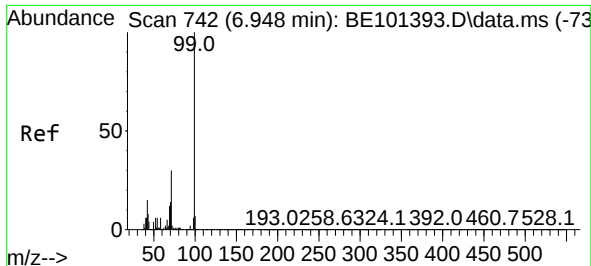
Tgt Ion:152 Resp: 61606
Ion Ratio Lower Upper
152 100
150 155.8 124.2 186.4
115 57.9 45.3 67.9



#5
2-Fluorophenol
Concen: 136.708 ng
RT: 5.320 min Scan# 465
Delta R.T. -0.000 min
Lab File: BE101483.D
Acq: 5 Nov 2024 17:28

Tgt Ion:112 Resp: 480529
Ion Ratio Lower Upper
112 100
64 55.2 43.7 65.5
63 27.7 21.4 32.2

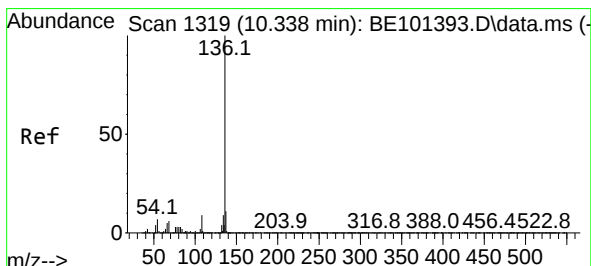
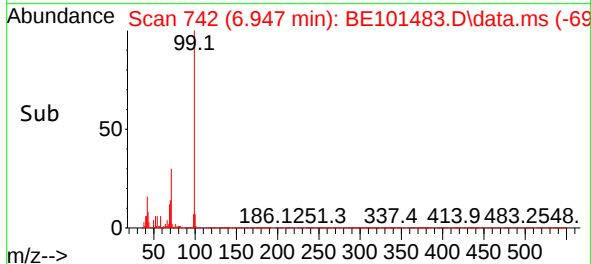
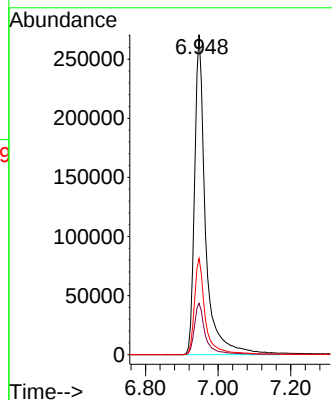
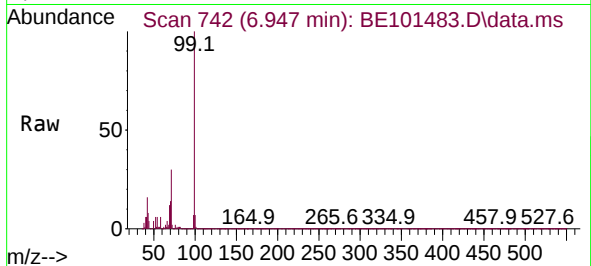




#7
Phenol-d6
Concen: 117.233 ng
RT: 6.947 min Scan# 742
Delta R.T. -0.000 min
Lab File: BE101483.D
Acq: 5 Nov 2024 17:28

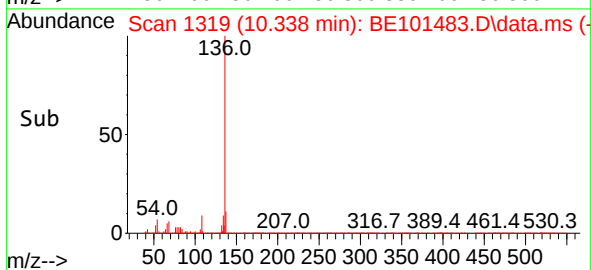
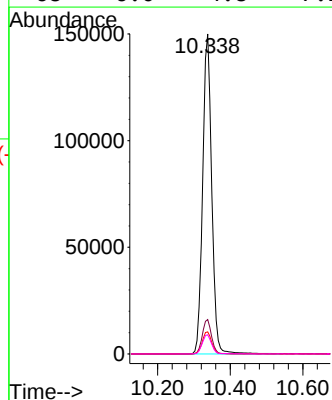
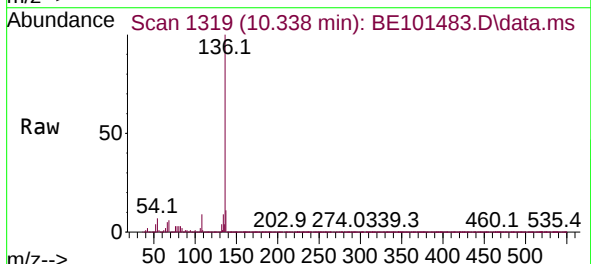
Instrument :
BNA_E
ClientSampleId :

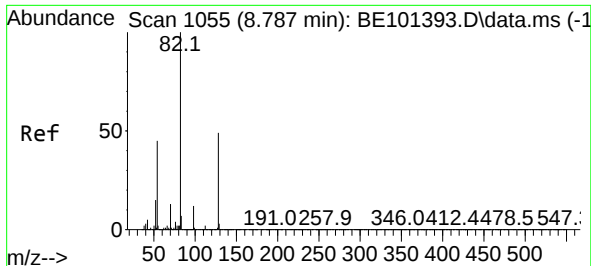
Tgt Ion: 99 Resp: 571379
Ion Ratio Lower Upper
99 100
42 16.1 12.3 18.5
71 30.0 23.8 35.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.338 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BE101483.D
Acq: 5 Nov 2024 17:28

Tgt Ion:136 Resp: 260314
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 6.9 5.9 8.9
68 6.0 4.8 7.2

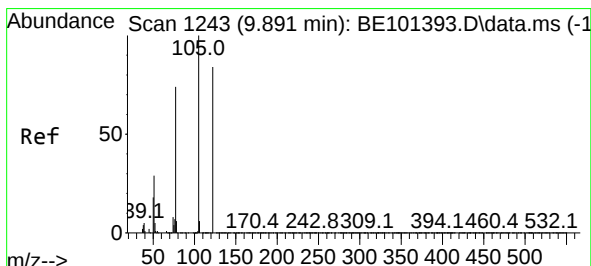
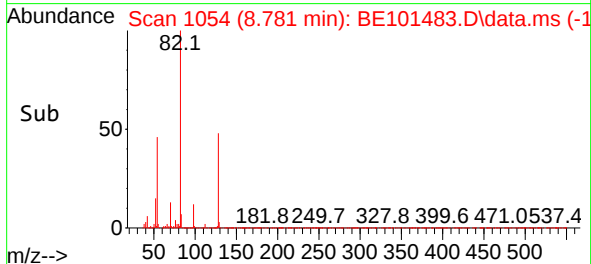
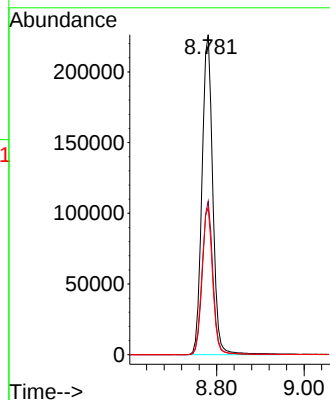
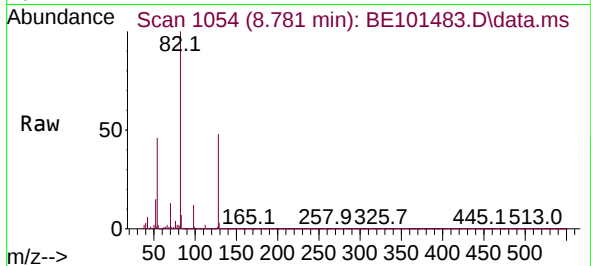




#23
Nitrobenzene-d5
Concen: 93.790 ng
RT: 8.781 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BE101483.D
Acq: 5 Nov 2024 17:28

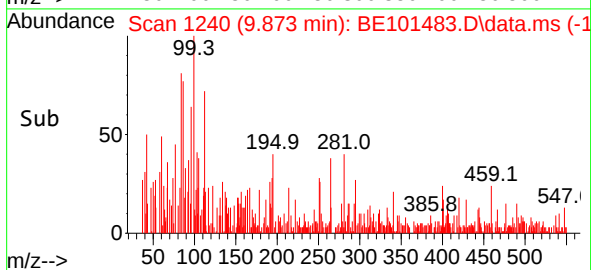
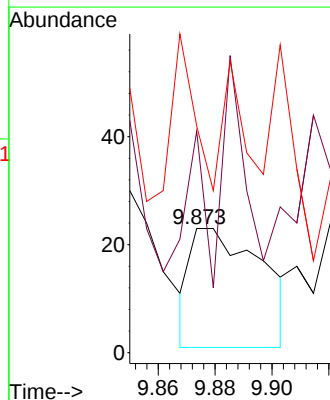
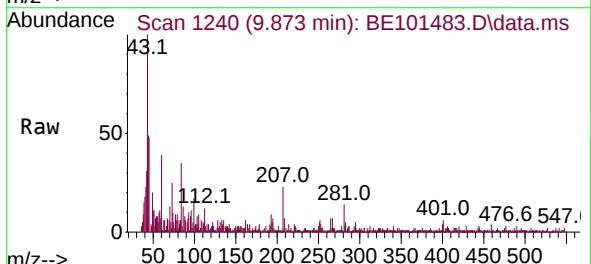
Instrument :
BNA_E
ClientSampleId :

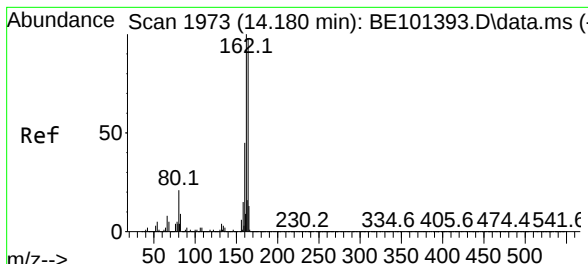
Tgt Ion: 82 Resp: 388714
Ion Ratio Lower Upper
82 100
128 47.9 38.9 58.3
54 46.0 36.2 54.4



#32
Benzoic acid
Concen: 8.227 ng
RT: 9.873 min Scan# 1240
Delta R.T. -0.018 min
Lab File: BE101483.D
Acq: 5 Nov 2024 17:28

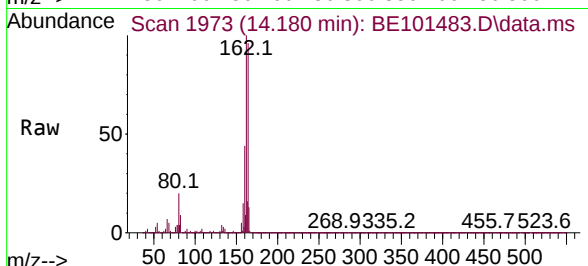
Tgt Ion: 122 Resp: 38
Ion Ratio Lower Upper
122 100
105 178.3 97.9 137.9#
77 182.6 68.1 108.1#



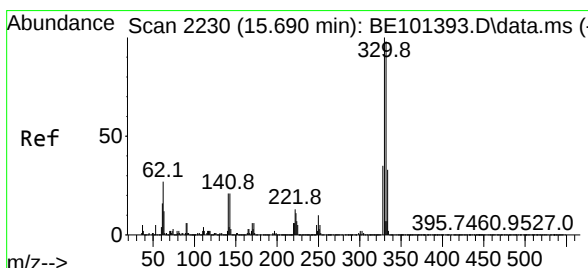
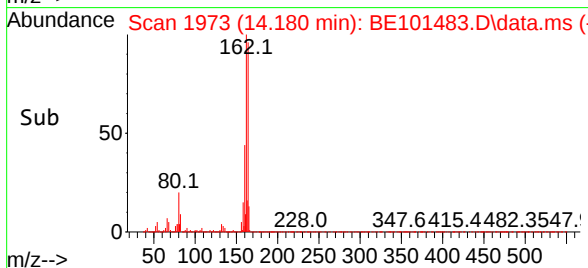
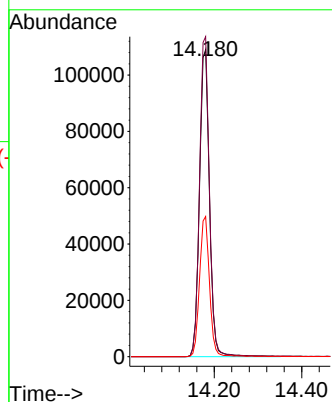


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.180 min Scan# 1973
Delta R.T. -0.000 min
Lab File: BE101483.D
Acq: 5 Nov 2024 17:28

Instrument :
BNA_E
ClientSampleId :

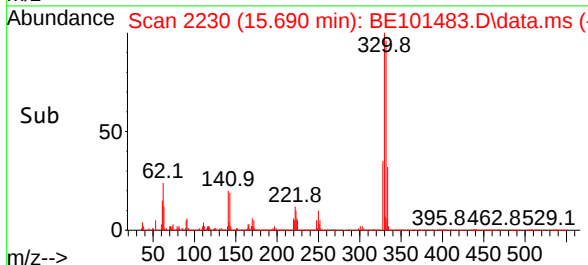
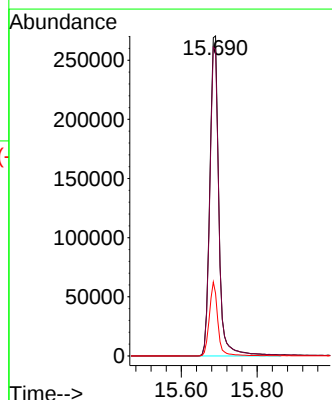
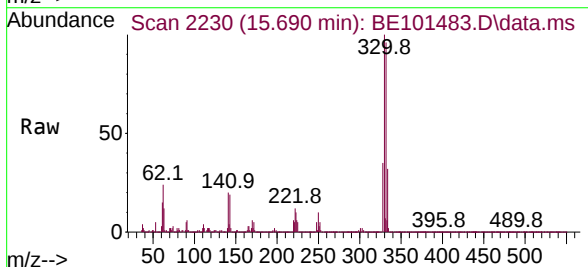


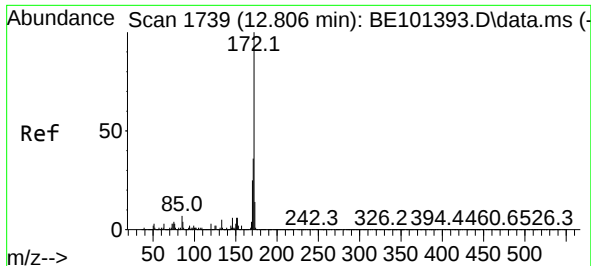
Tgt Ion:164 Resp: 172720
Ion Ratio Lower Upper
164 100
162 104.2 81.3 121.9
160 45.6 36.4 54.6



#42
2,4,6-Tribromophenol
Concen: 147.120 ng
RT: 15.690 min Scan# 2230
Delta R.T. -0.000 min
Lab File: BE101483.D
Acq: 5 Nov 2024 17:28

Tgt Ion:330 Resp: 445365
Ion Ratio Lower Upper
330 100
332 96.6 78.2 117.2
141 21.5 18.3 27.5

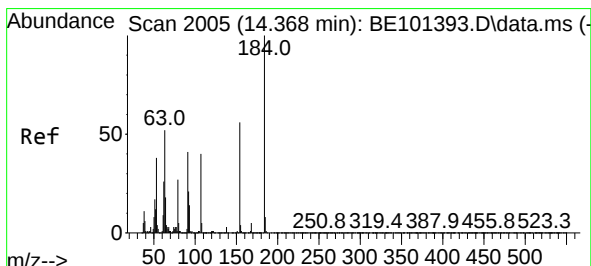
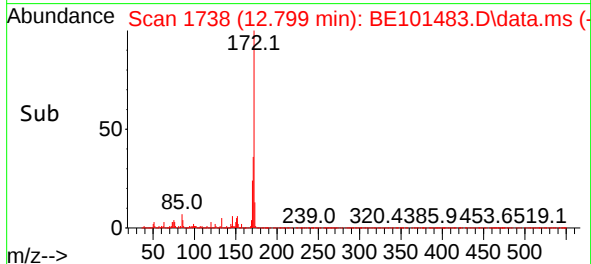
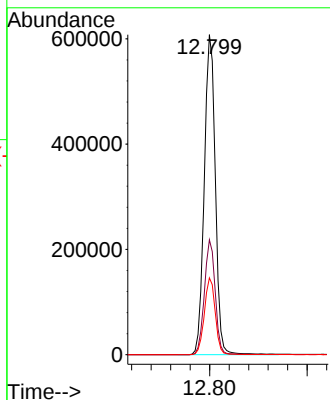
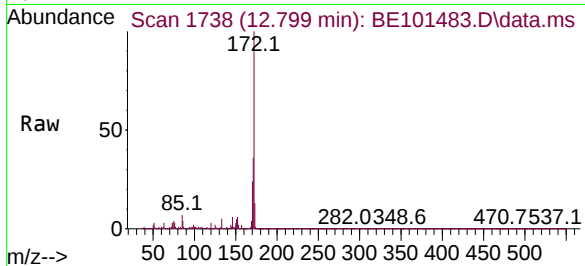




#45
2-Fluorobiphenyl
Concen: 93.475 ng
RT: 12.799 min Scan# 1
Delta R.T. -0.006 min
Lab File: BE101483.D
Acq: 5 Nov 2024 17:28

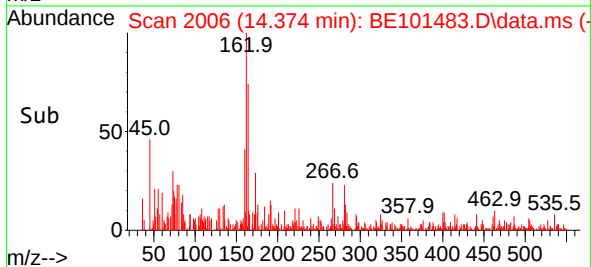
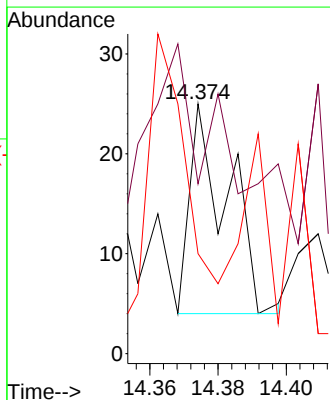
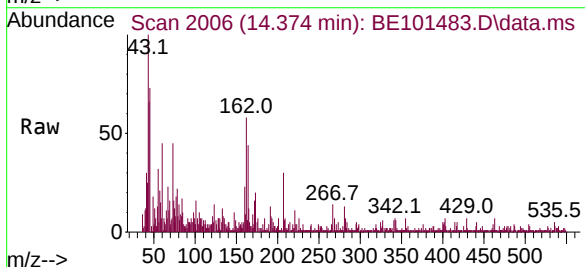
Instrument :
BNA_E
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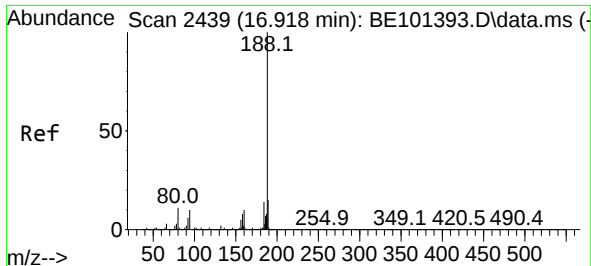
Tgt Ion:172 Resp: 953335
Ion Ratio Lower Upper
172 100
171 35.9 29.2 43.8
170 24.0 19.8 29.6



#54
2,4-Dinitrophenol
Concen: 5.624 ng
RT: 14.374 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BE101483.D
Acq: 5 Nov 2024 17:28

Tgt Ion:184 Resp: 16
Ion Ratio Lower Upper
184 100
63 106.9 41.8 62.6#
154 34.5 44.9 67.3#

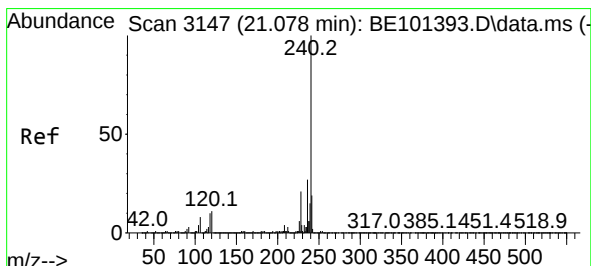
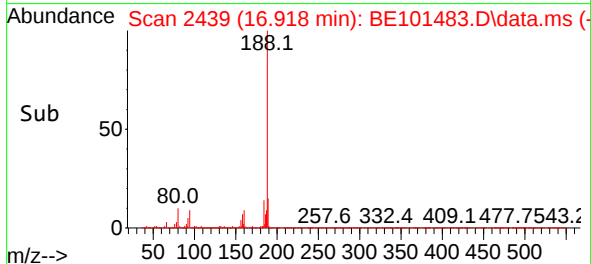
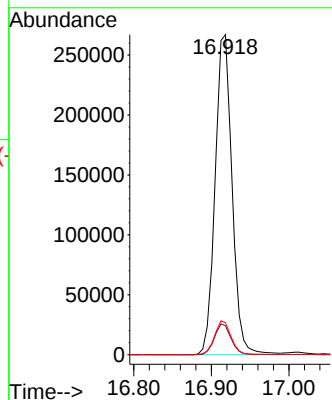
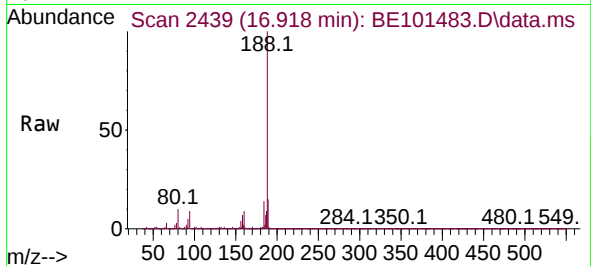




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.918 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BE101483.D
Acq: 5 Nov 2024 17:28

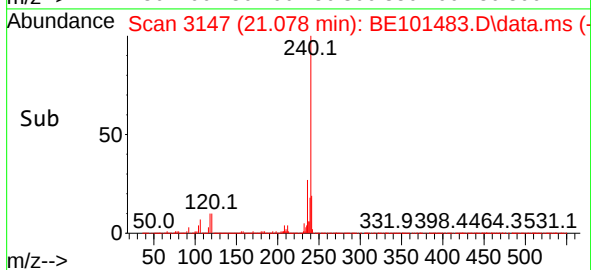
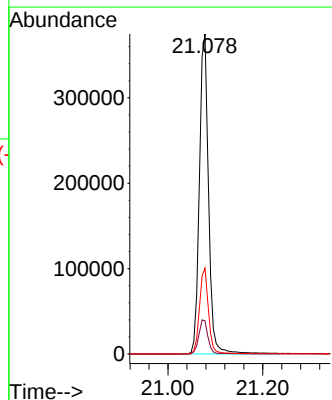
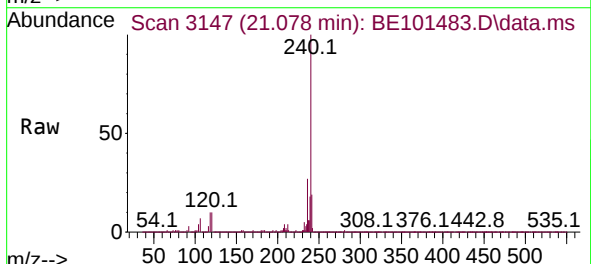
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BNA_E
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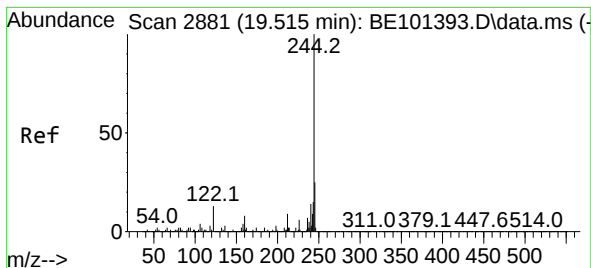
Tgt Ion:188 Resp: 405128
Ion Ratio Lower Upper
188 100
94 9.0 7.8 11.8
80 9.9 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.078 min Scan# 3147
Delta R.T. -0.000 min
Lab File: BE101483.D
Acq: 5 Nov 2024 17:28

Tgt Ion:240 Resp: 501969
Ion Ratio Lower Upper
240 100
120 10.4 9.0 13.4
236 26.8 21.4 32.0





#79

Terphenyl-d14

Concen: 99.201 ng

RT: 19.509 min Scan# 21

Delta R.T. -0.006 min

Lab File: BE101483.D

Acq: 5 Nov 2024 17:28

Instrument :

BNA_E

ClientSampleId :

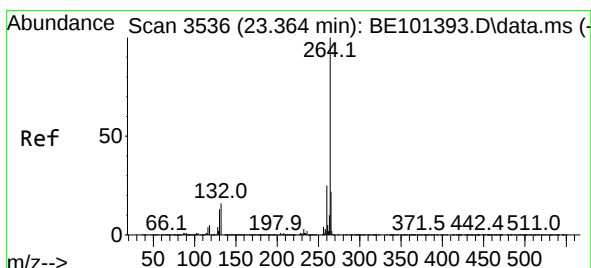
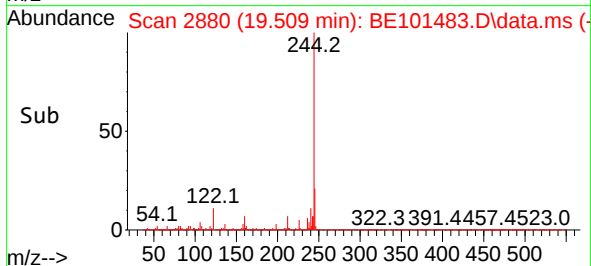
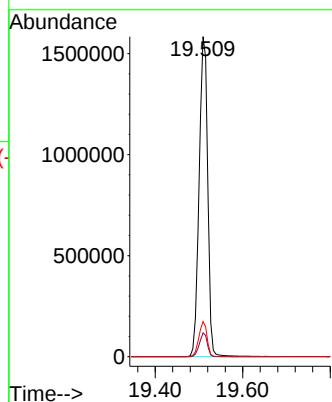
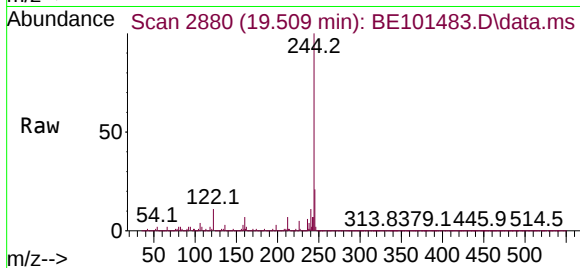
Tgt Ion:244 Resp: 2163568

Ion Ratio Lower Upper

244 100

212 7.4 7.2 10.8

122 10.9 10.4 15.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.364 min Scan# 3536

Delta R.T. -0.000 min

Lab File: BE101483.D

Acq: 5 Nov 2024 17:28

Tgt Ion:264 Resp: 663771

Ion Ratio Lower Upper

264 100

260 24.1 19.8 29.8

265 21.9 17.6 26.4

