

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110524\
 Data File : BE101485.D
 Acq On : 5 Nov 2024 18:39
 Operator : RC/JU
 Sample : P4643-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 06 00:03:12 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)

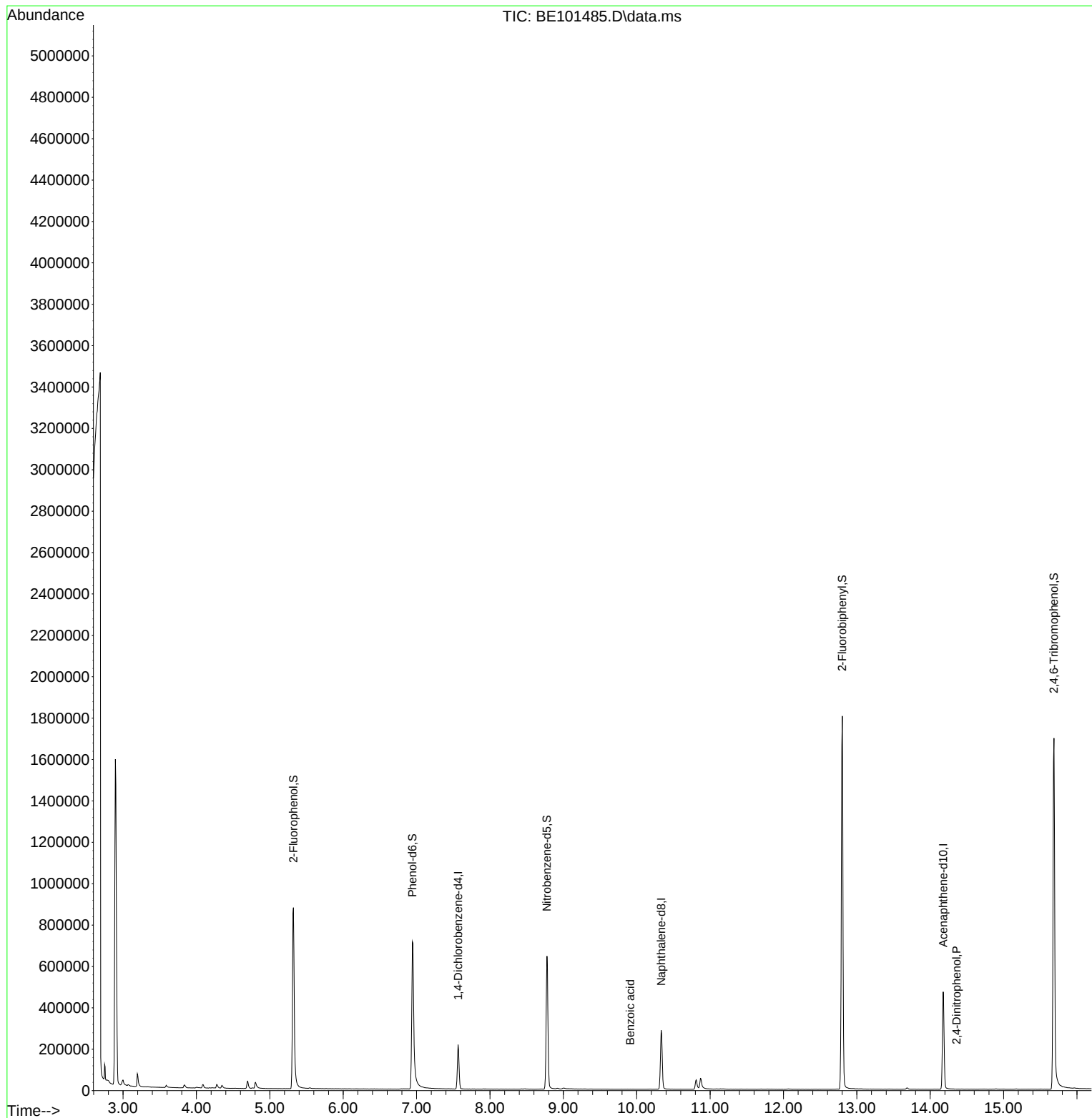
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.567	152	60079	20.000	ng	0.00
21) Naphthalene-d8	10.334	136	257146	20.000	ng	0.00
39) Acenaphthene-d10	14.176	164	178286	20.000	ng	0.00
64) Phenanthrene-d10	16.914	188	428544	20.000	ng	0.00
76) Chrysene-d12	21.074	240	503216	20.000	ng	0.00
86) Perylene-d12	23.366	264	647563	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.322	112	478894	139.706	ng	0.00
7) Phenol-d6	6.944	99	573620	120.684	ng	0.00
23) Nitrobenzene-d5	8.777	82	387212	94.578	ng	0.00
42) 2,4,6-Tribromophenol	15.686	330	473043	151.384	ng	0.00
45) 2-Fluorobiphenyl	12.802	172	991641	94.196	ng	0.00
79) Terphenyl-d14	19.511	244	2259698	103.352	ng	0.00
Target Compounds						
32) Benzoic acid	9.911	122	27	8.224	ng	90
54) 2,4-Dinitrophenol	14.359	184	11	5.622	ng	# 1

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

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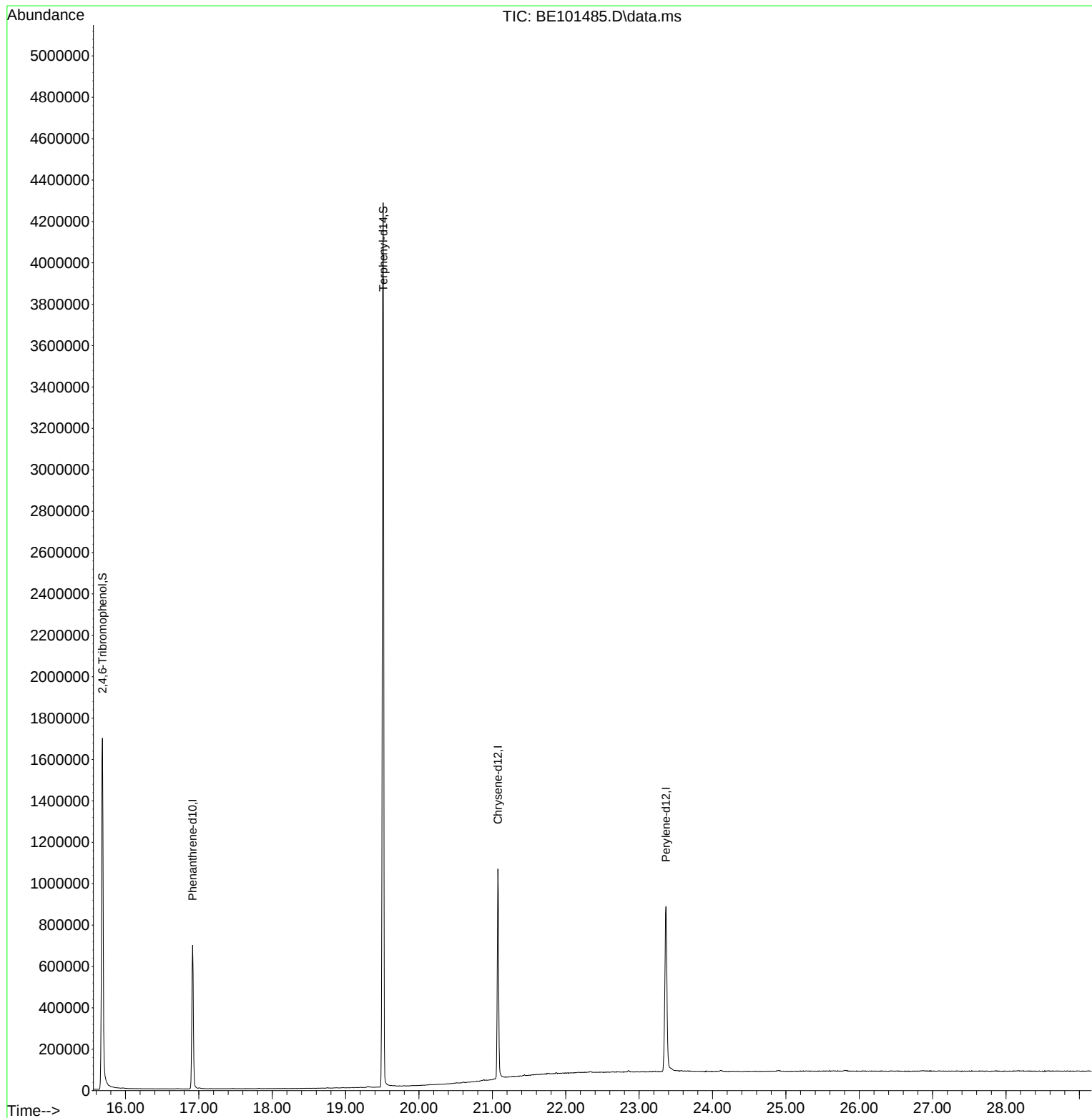
Quant Time: Nov 06 00:03:12 2024
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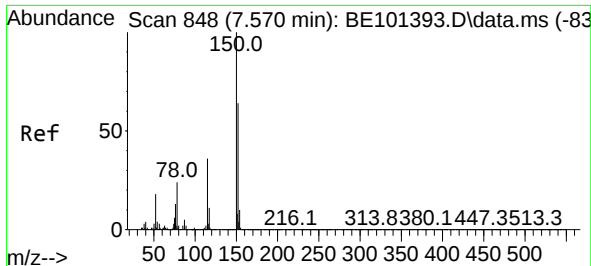


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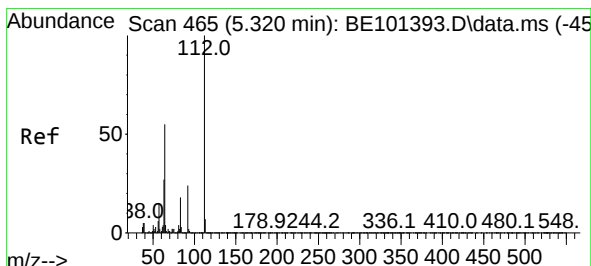
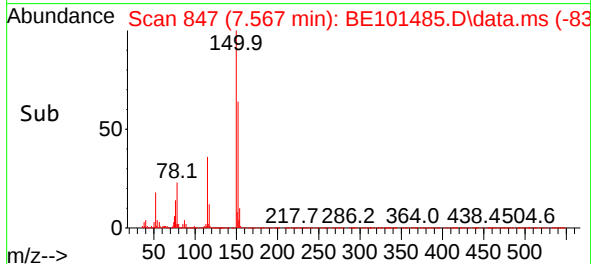
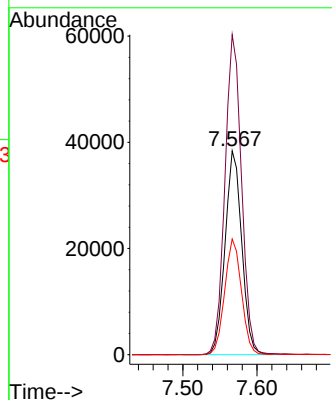
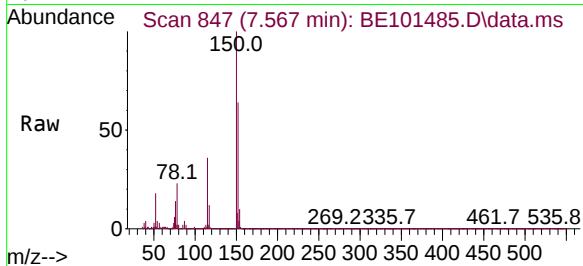




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.567 min Scan# 84
Delta R.T. -0.003 min
Lab File: BE101485.D
Acq: 5 Nov 2024 18:39

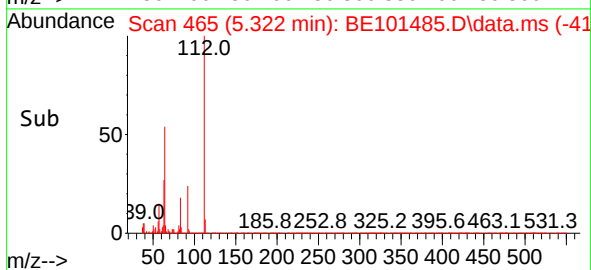
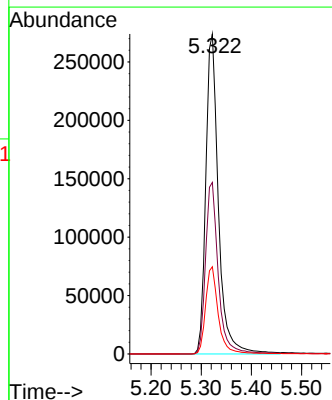
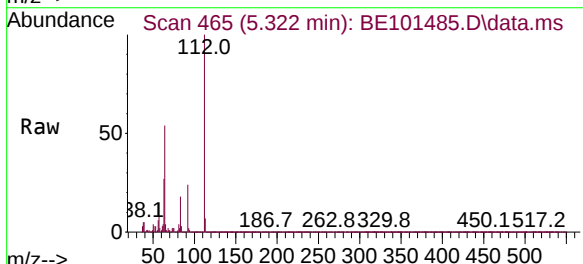
Instrument :
BNA_E
ClientSampleId :

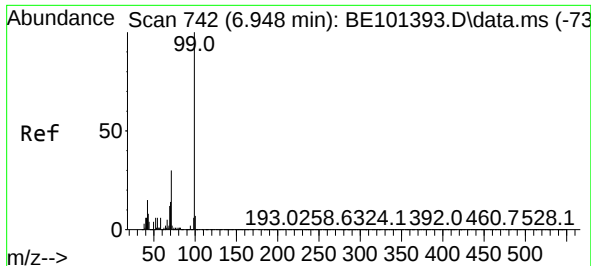
Tgt Ion:152 Resp: 60079
Ion Ratio Lower Upper
152 100
150 157.0 124.2 186.4
115 56.7 45.3 67.9



#5
2-Fluorophenol
Concen: 139.706 ng
RT: 5.322 min Scan# 465
Delta R.T. 0.002 min
Lab File: BE101485.D
Acq: 5 Nov 2024 18:39

Tgt Ion:112 Resp: 478894
Ion Ratio Lower Upper
112 100
64 53.6 43.7 65.5
63 27.2 21.4 32.2

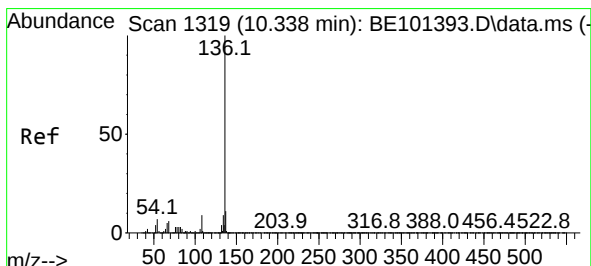
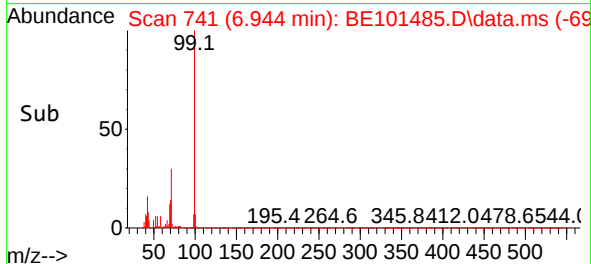
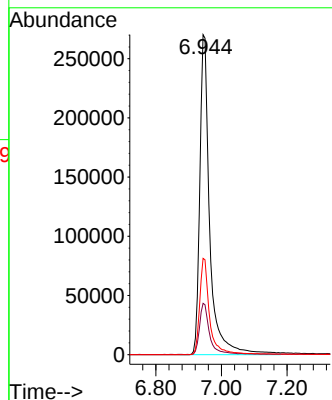
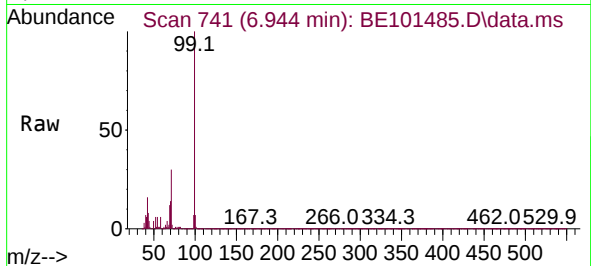




#7
Phenol-d6
Concen: 120.684 ng
RT: 6.944 min Scan# 741
Delta R.T. -0.004 min
Lab File: BE101485.D
Acq: 5 Nov 2024 18:39

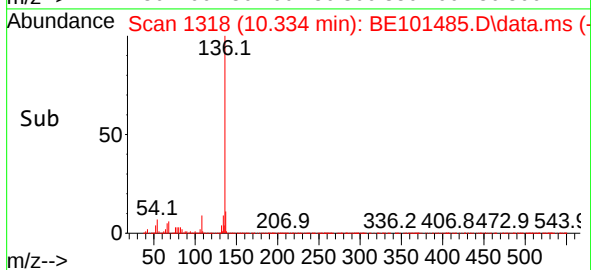
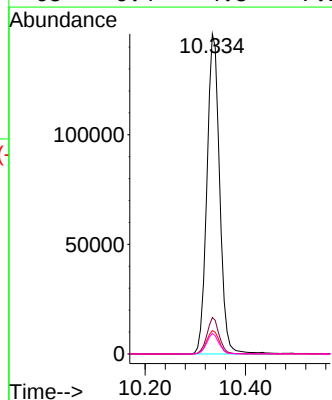
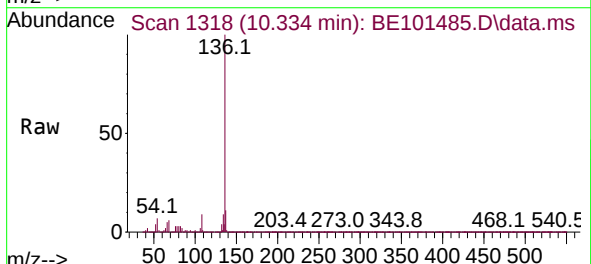
Instrument :
BNA_E
ClientSampleId :

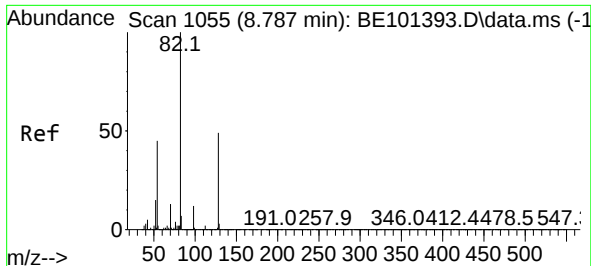
Tgt Ion: 99 Resp: 573620
Ion Ratio Lower Upper
99 100
42 16.1 12.3 18.5
71 30.1 23.8 35.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.334 min Scan# 1318
Delta R.T. -0.004 min
Lab File: BE101485.D
Acq: 5 Nov 2024 18:39

Tgt Ion:136 Resp: 257146
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 7.3 5.9 8.9
68 6.4 4.8 7.2

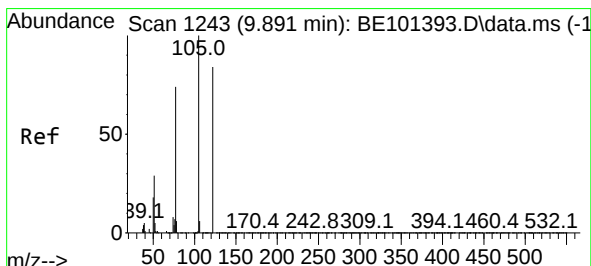
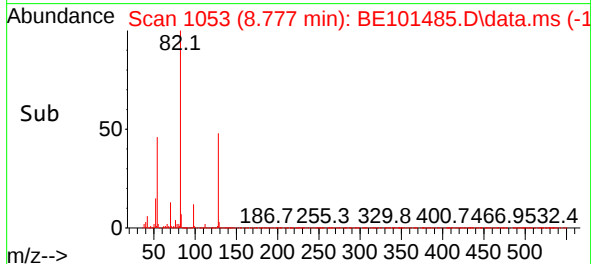
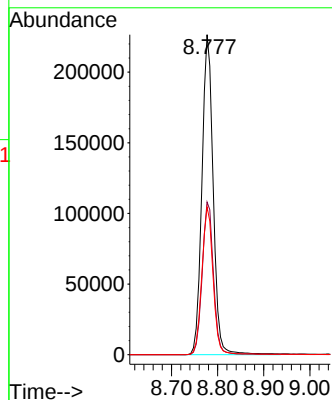
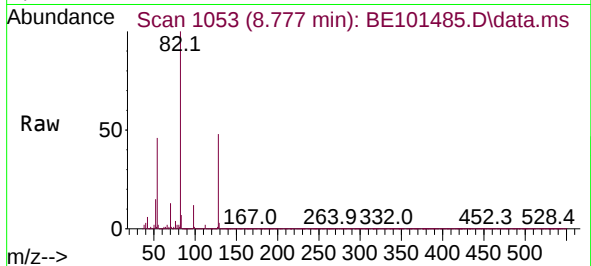




#23
Nitrobenzene-d5
Concen: 94.578 ng
RT: 8.777 min Scan# 1053
Delta R.T. -0.010 min
Lab File: BE101485.D
Acq: 5 Nov 2024 18:39

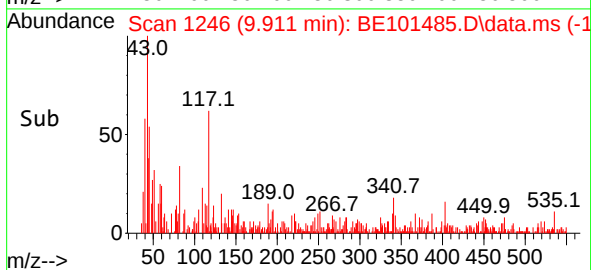
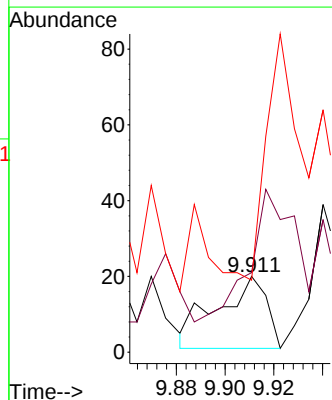
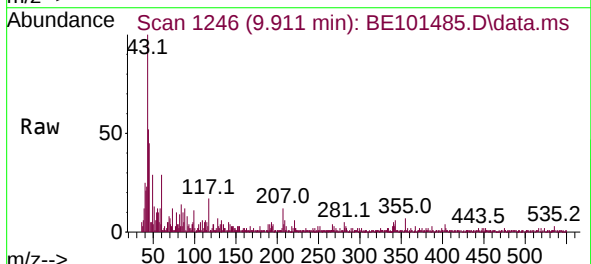
Instrument :
BNA_E
ClientSampleId :

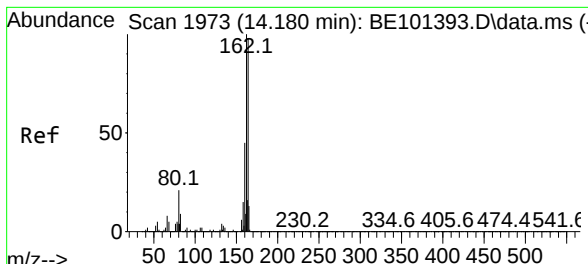
Tgt Ion: 82 Resp: 387212
Ion Ratio Lower Upper
82 100
128 47.7 38.9 58.3
54 46.2 36.2 54.4



#32
Benzoic acid
Concen: 8.224 ng
RT: 9.911 min Scan# 1246
Delta R.T. 0.020 min
Lab File: BE101485.D
Acq: 5 Nov 2024 18:39

Tgt Ion: 122 Resp: 27
Ion Ratio Lower Upper
122 100
105 105.0 97.9 137.9
77 95.0 68.1 108.1

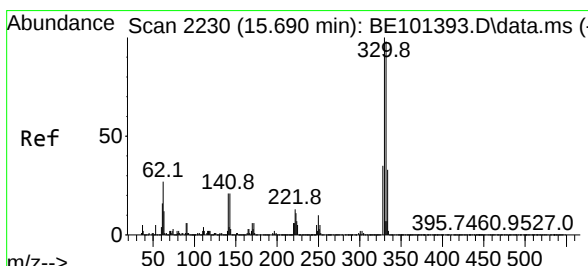
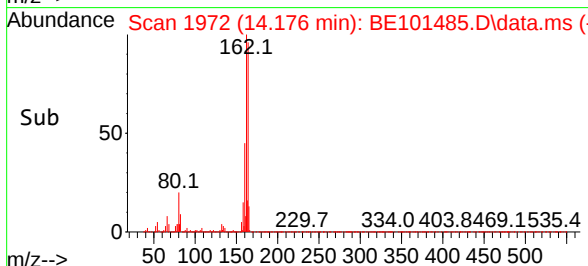
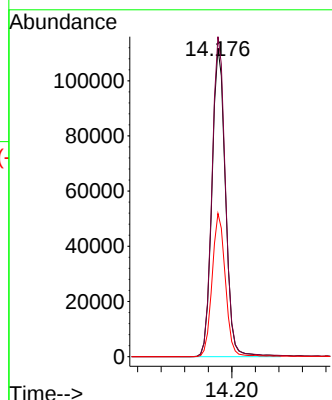
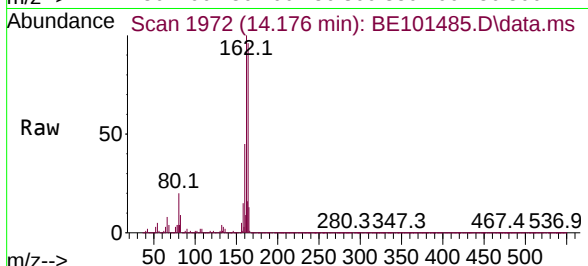




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.176 min Scan# 1973
Delta R.T. -0.004 min
Lab File: BE101485.D
Acq: 5 Nov 2024 18:39

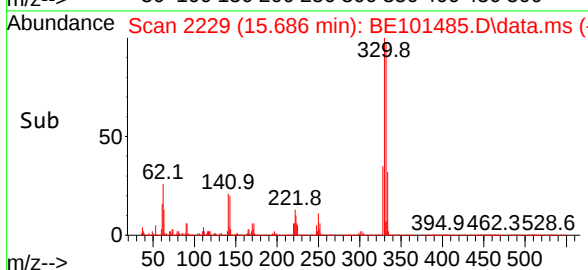
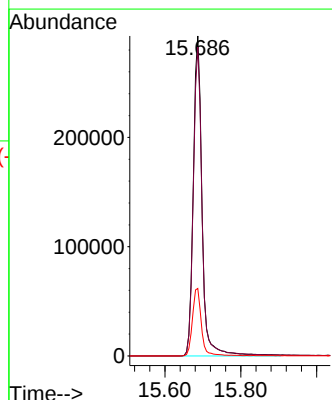
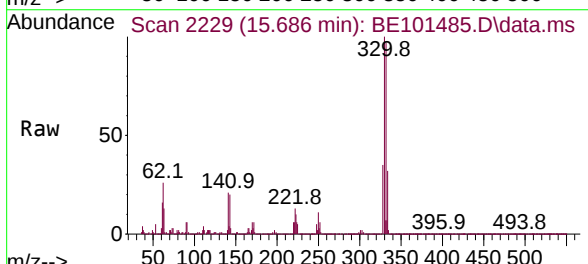
Instrument :
BNA_E
ClientSampleId :

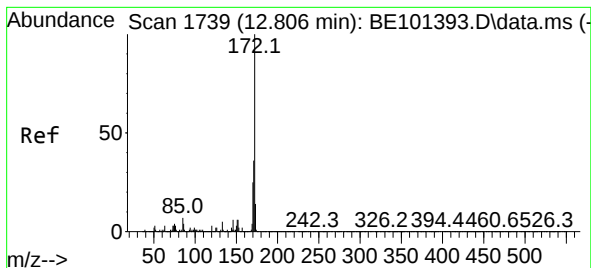
Tgt Ion:164 Resp: 178286
Ion Ratio Lower Upper
164 100
162 103.7 81.3 121.9
160 46.4 36.4 54.6



#42
2,4,6-Tribromophenol
Concen: 151.384 ng
RT: 15.686 min Scan# 2229
Delta R.T. -0.004 min
Lab File: BE101485.D
Acq: 5 Nov 2024 18:39

Tgt Ion:330 Resp: 473043
Ion Ratio Lower Upper
330 100
332 96.8 78.2 117.2
141 21.5 18.3 27.5





#45

2-Fluorobiphenyl

Concen: 94.196 ng

RT: 12.802 min Scan# 1

Delta R.T. -0.004 min

Lab File: BE101485.D

Acq: 5 Nov 2024 18:39

Instrument :

BNA_E

ClientSampleId :

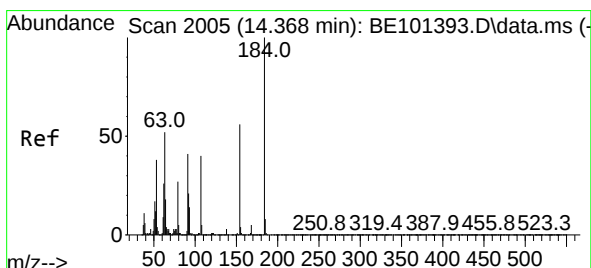
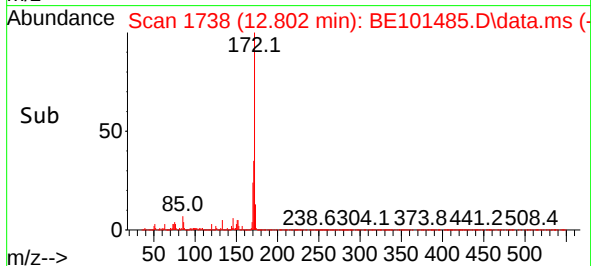
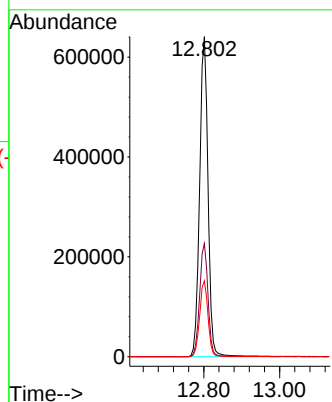
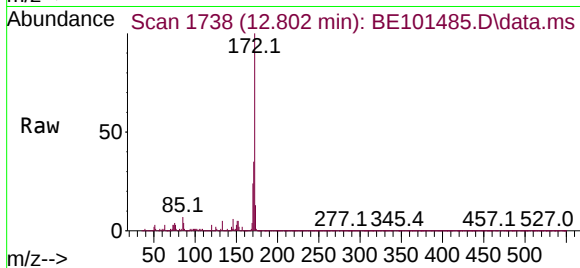
Tgt Ion:172 Resp: 991641

Ion Ratio Lower Upper

172 100

171 35.4 29.2 43.8

170 23.7 19.8 29.6



#54

2,4-Dinitrophenol

Concen: 5.622 ng

RT: 14.359 min Scan# 2003

Delta R.T. -0.009 min

Lab File: BE101485.D

Acq: 5 Nov 2024 18:39

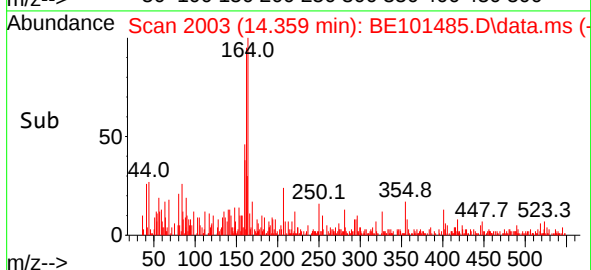
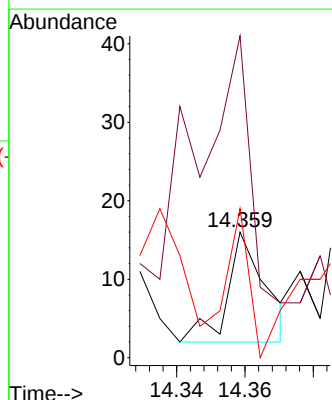
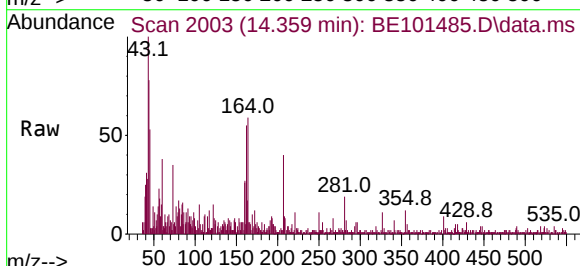
Tgt Ion:184 Resp: 11

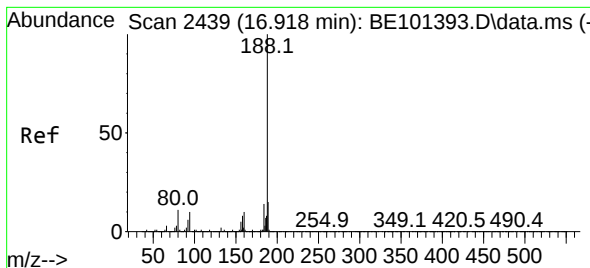
Ion Ratio Lower Upper

184 100

63 227.8 41.8 62.6#

154 105.6 44.9 67.3#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.914 min Scan# 2438

Delta R.T. -0.004 min

Lab File: BE101485.D

Acq: 5 Nov 2024 18:39

Instrument :

BNA_E

ClientSampleId :

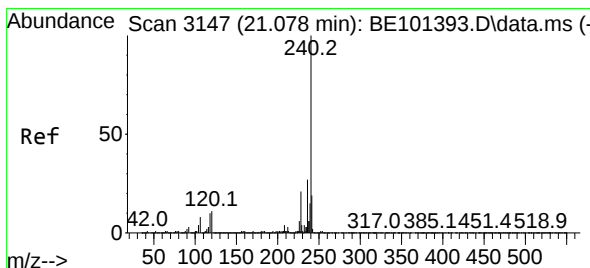
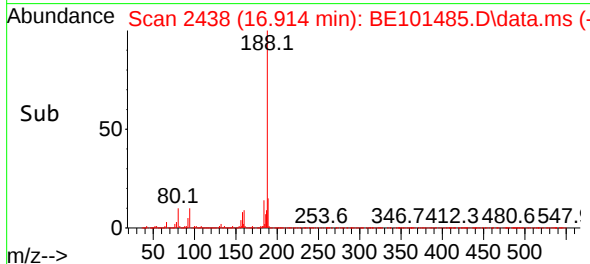
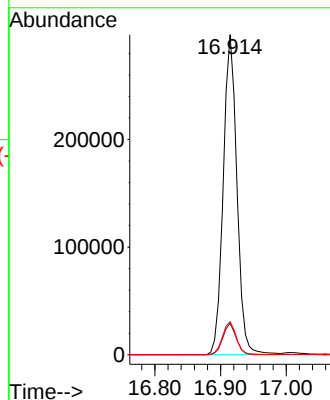
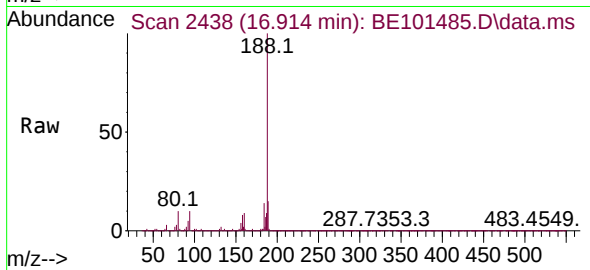
Tgt Ion:188 Resp: 428544

Ion Ratio Lower Upper

188 100

94 9.8 7.8 11.8

80 10.3 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.074 min Scan# 3146

Delta R.T. -0.004 min

Lab File: BE101485.D

Acq: 5 Nov 2024 18:39

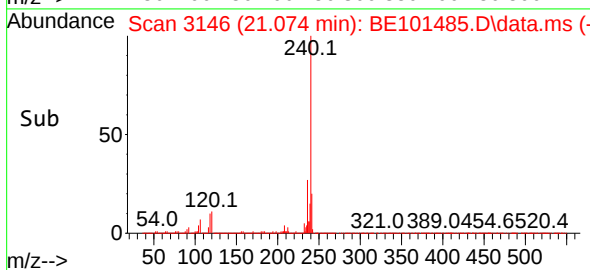
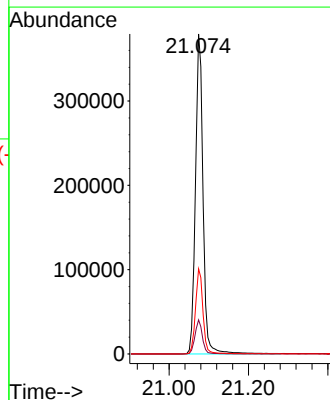
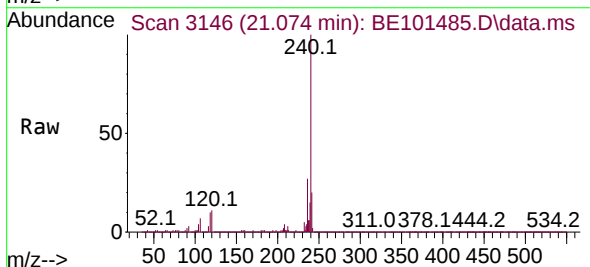
Tgt Ion:240 Resp: 503216

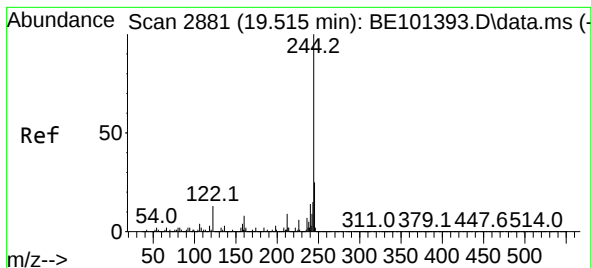
Ion Ratio Lower Upper

240 100

120 10.6 9.0 13.4

236 26.6 21.4 32.0





#79

Terphenyl-d14

Concen: 103.352 ng

RT: 19.511 min Scan# 21

Delta R.T. -0.004 min

Lab File: BE101485.D

Acq: 5 Nov 2024 18:39

Instrument :

BNA_E

ClientSampleId :

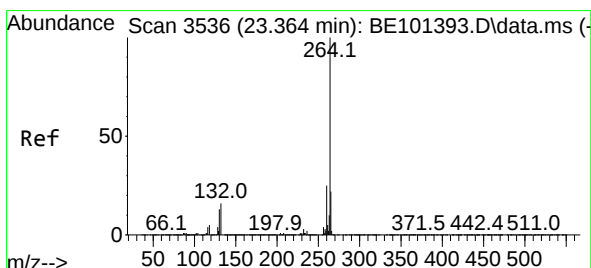
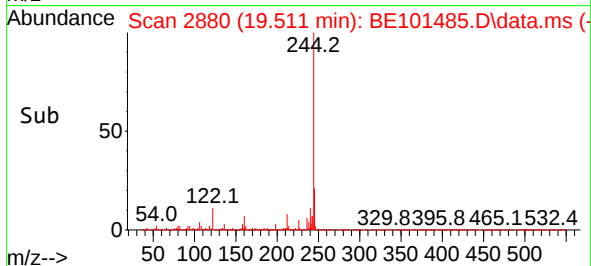
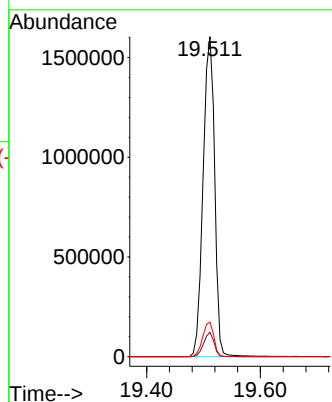
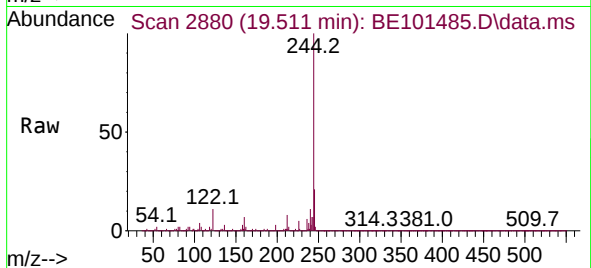
Tgt Ion:244 Resp: 2259698

Ion Ratio Lower Upper

244 100

212 7.6 7.2 10.8

122 10.8 10.4 15.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.366 min Scan# 3536

Delta R.T. 0.002 min

Lab File: BE101485.D

Acq: 5 Nov 2024 18:39

Tgt Ion:264 Resp: 647563

Ion Ratio Lower Upper

264 100

260 24.4 19.8 29.8

265 21.8 17.6 26.4

