

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102919\
 Data File : BE100695.D
 Acq On : 29 Oct 2019 15:01
 Operator : JU
 Sample : PB124301BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 29 16:43:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 23 16:49:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	4009	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	16440	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	9706	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	21304	0.40	ng	-0.01
27) Chrysene-d12	21.35	240	28898	0.40	ng	0.00
34) Perylene-d12	23.82	264	34607	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	4163	0.34	ng	0.00
5) Phenol-d6	7.01	99	5840	0.33	ng	0.00
8) Nitrobenzene-d5	8.99	82	3768	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	7950	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	806	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	11250	0.32	ng	0.00
25) Fluoranthene-d10	19.21	212	88055	0.32	ng	0.00
29) Terphenyl-d14	19.81	244	18189	0.29	ng	0.00

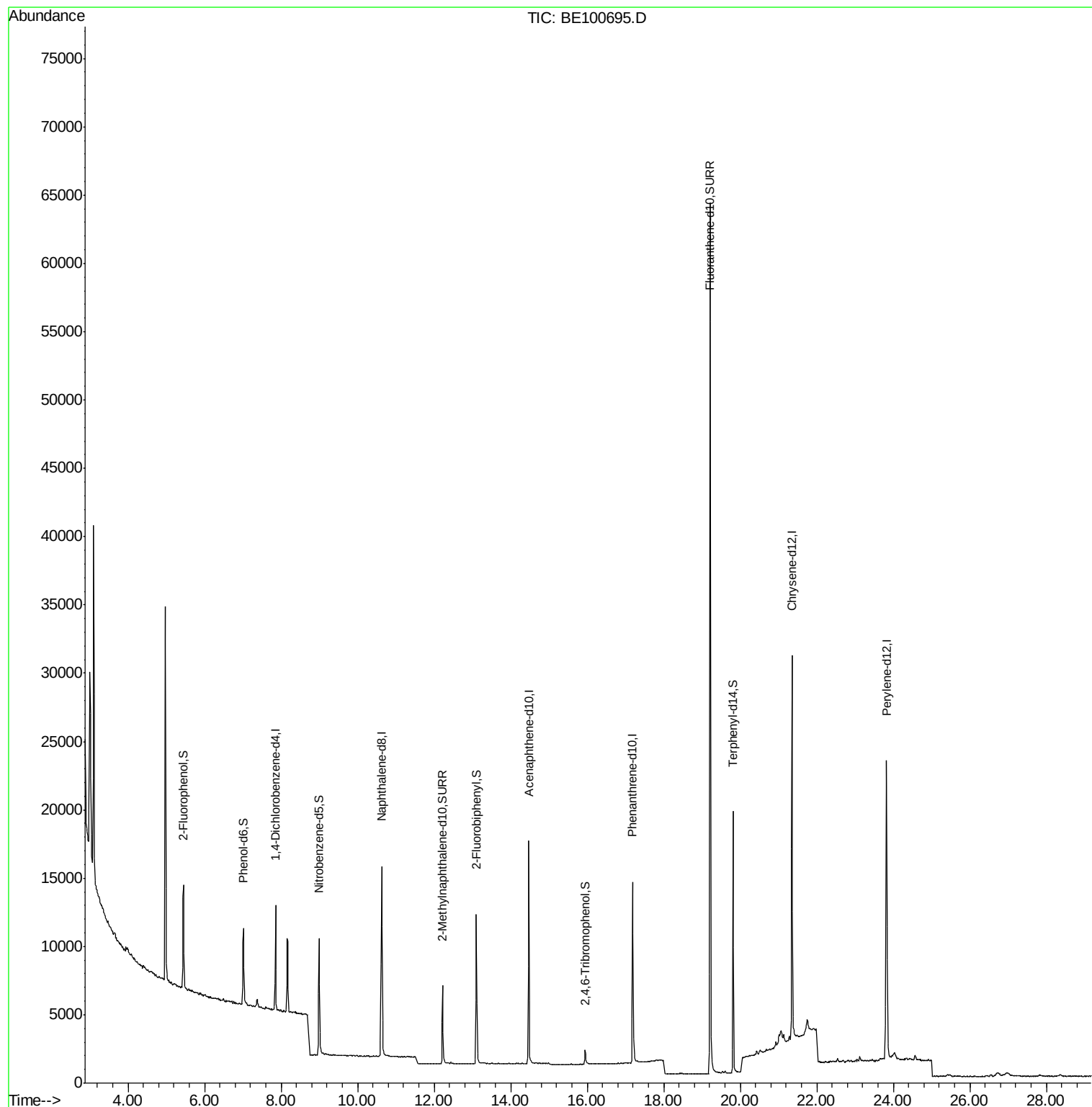
Target Compounds	Qvalue
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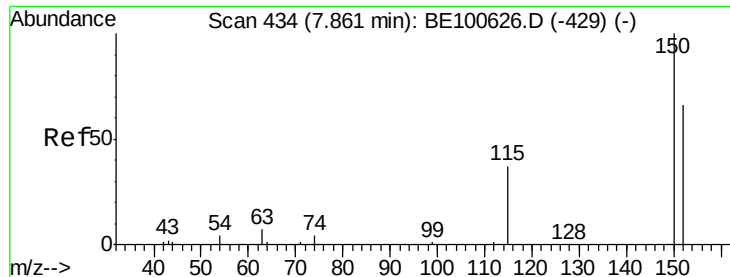
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.85 min Scan# 433

Delta R.T. 0.00 min

Lab File: BE100695.D

Acq: 29 Oct 2019 15:01

Instrument :

BNA_E

ClientSampleId :

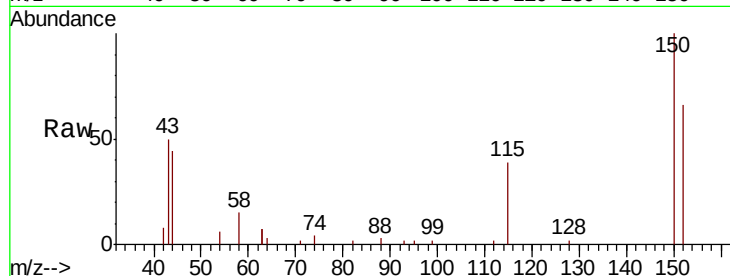
Tot Ion:152 Resp: 4009

Ion Ratio Lower Upper

152 100

150 152.0 123.3 184.9

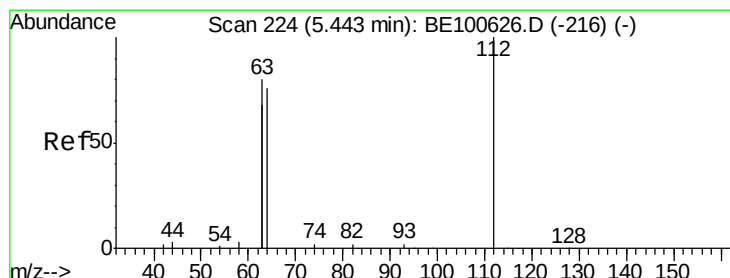
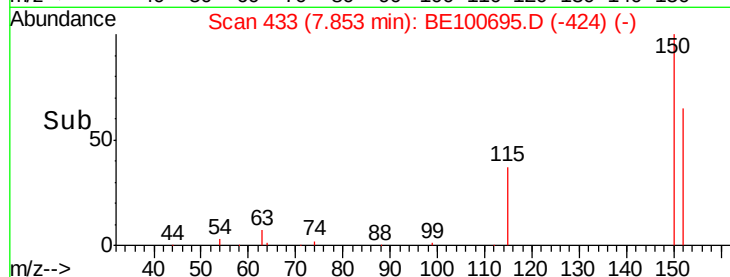
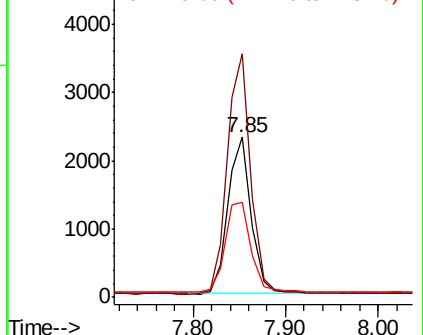
115 59.4 51.9 77.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol

Concen: 0.336 ng

RT: 5.45 min Scan# 224

Delta R.T. 0.00 min

Lab File: BE100695.D

Acq: 29 Oct 2019 15:01

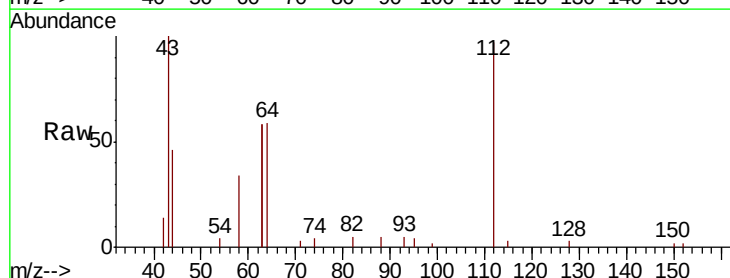
Tgt Ion:112 Resp: 4163

Ion Ratio Lower Upper

112 100

64 70.9 55.4 83.2

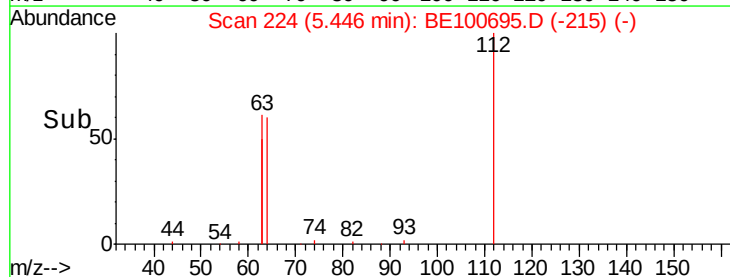
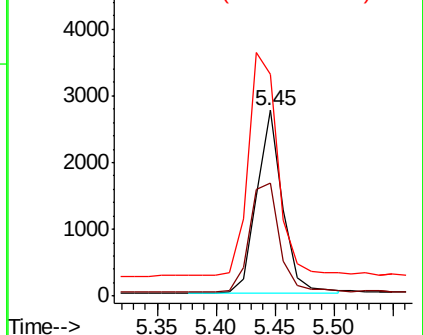
63 139.3 114.2 171.4

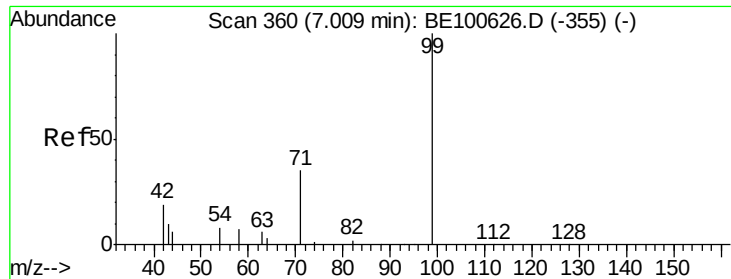


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.335 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.00 min

Lab File: BE100695.D

Acq: 29 Oct 2019 15:01

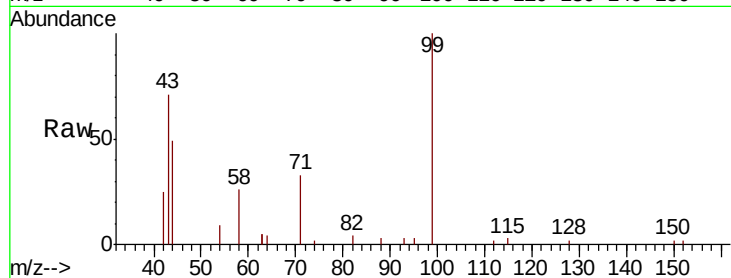
Instrument :

BNA_E

ClientSampleId :

Tot Ion: 99 Resp: 5840

Ion	Ratio	Lower	Upper
99	100		
42	23.4	17.7	26.5
71	33.5	27.4	41.0

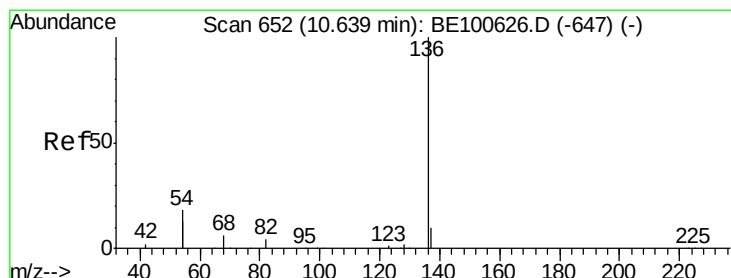
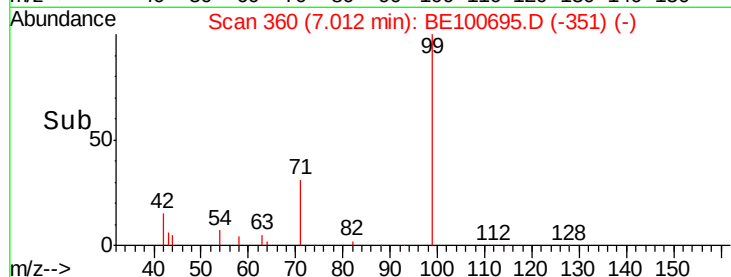
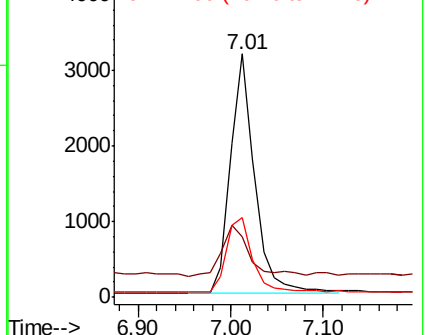


Abundance

Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. -0.00 min

Lab File: BE100695.D

Acq: 29 Oct 2019 15:01

Tgt Ion: 136 Resp: 16440

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	42.8	39.4	59.2
68	9.2	8.0	12.0

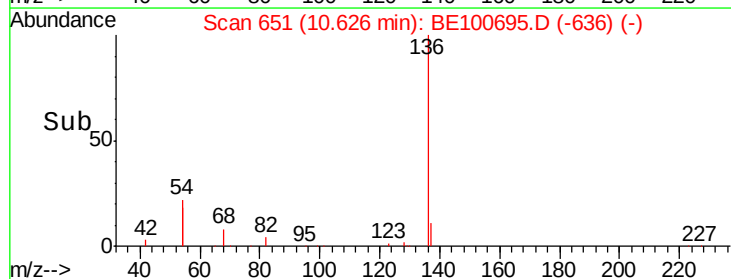
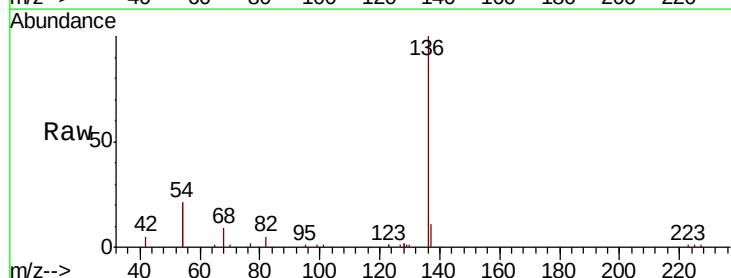
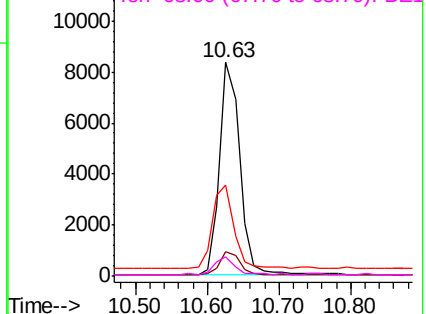
Abundance

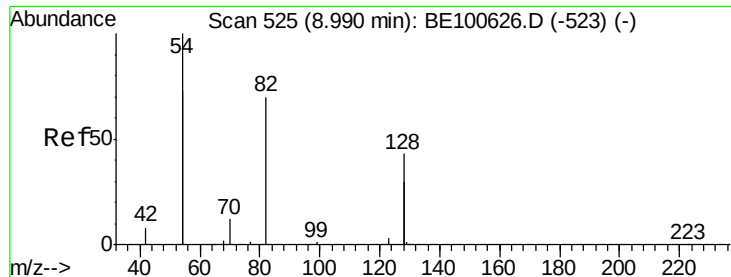
Ion 136.00 (135.70 to 136.70): BE1

Ion 137.00 (136.70 to 137.70): BE1

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1





#8

Nitrobenzene-d5

Concen: 0.370 ng

RT: 8.99 min Scan# 525

Delta R.T. -0.00 min

Lab File: BE100695.D

Acq: 29 Oct 2019 15:01

Instrument :

BNA_E

ClientSampled :

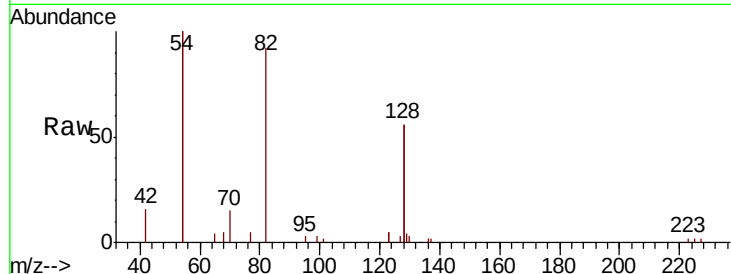
Tot Ion: 82 Resp: 3768

Ion Ratio Lower Upper

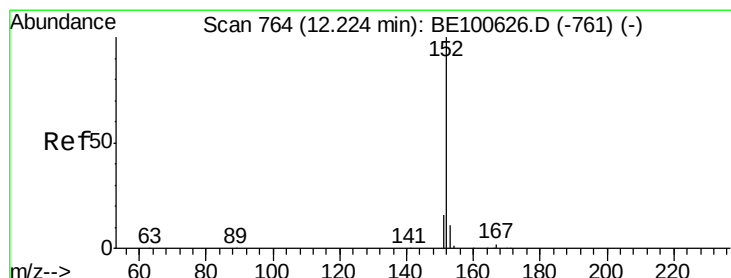
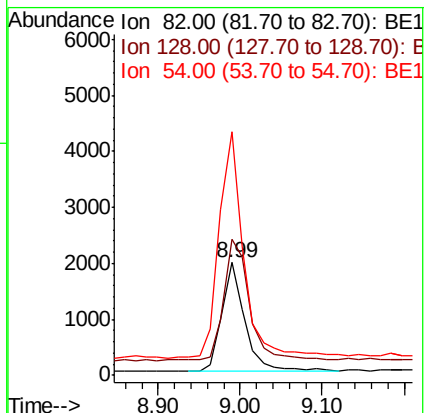
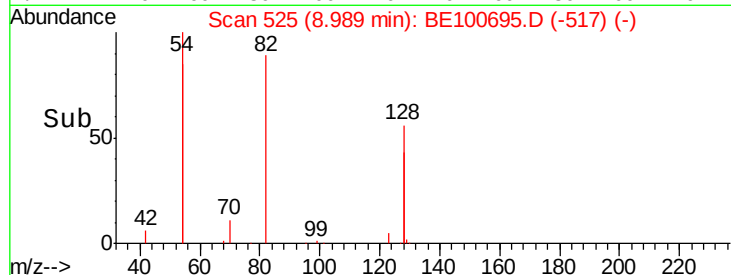
82 100

128 120.7 107.8 161.8

54 216.3 166.1 249.1



Abundance Ion 82.00 (81.70 to 82.70): BE1
Ion 128.00 (127.70 to 128.70): BE1
Ion 54.00 (53.70 to 54.70): BE1



#11

2-Methylnaphthalene-d10

Concen: 0.307 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE100695.D

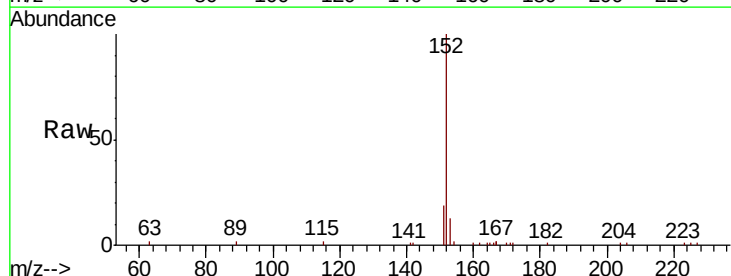
Acq: 29 Oct 2019 15:01

Tgt Ion: 152 Resp: 7950

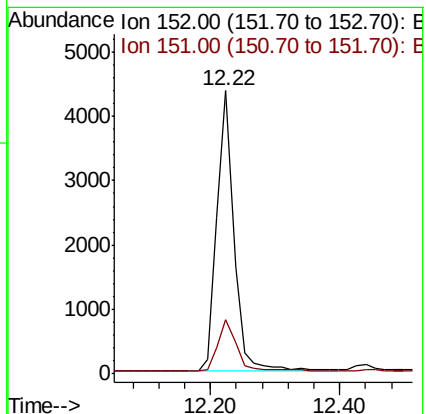
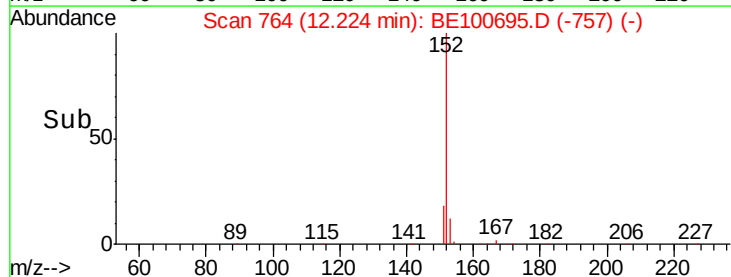
Ion Ratio Lower Upper

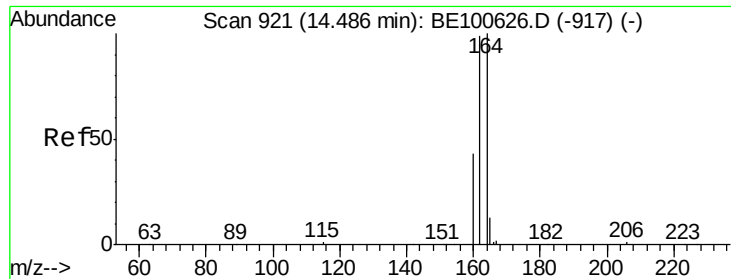
152 100

151 19.9 14.7 22.1



Abundance Ion 152.00 (151.70 to 152.70): BE1
Ion 151.00 (150.70 to 151.70): BE1

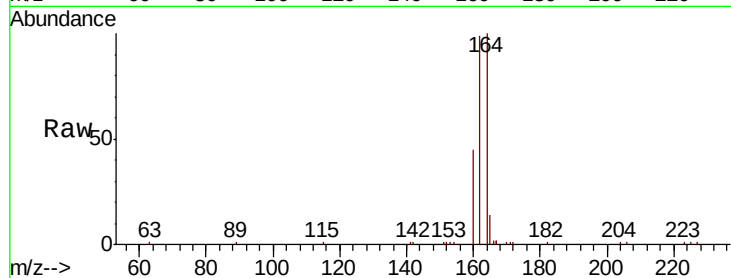




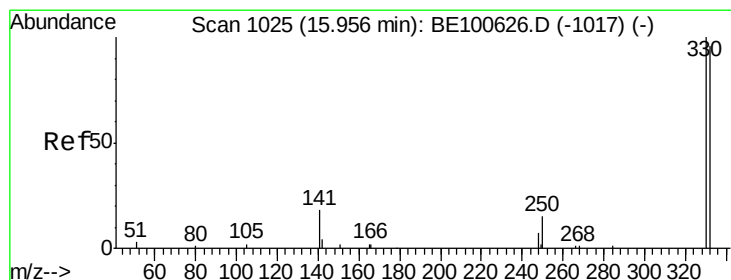
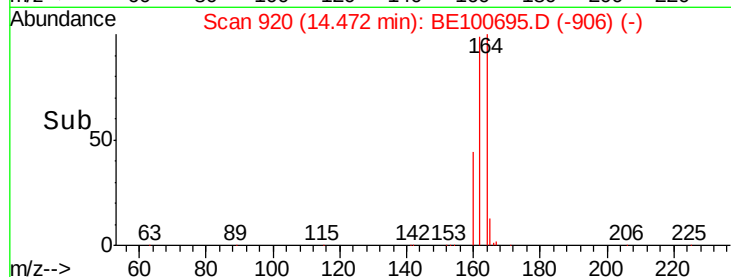
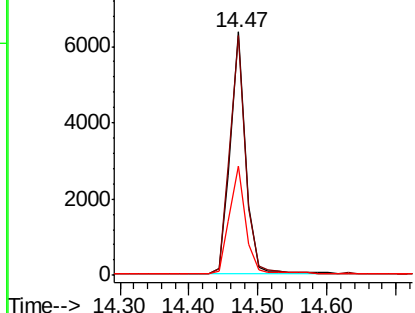
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE100695.D
Acq: 29 Oct 2019 15:01

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 9706
Ion Ratio Lower Upper
164 100
162 98.7 82.0 123.0
160 44.7 37.5 56.3

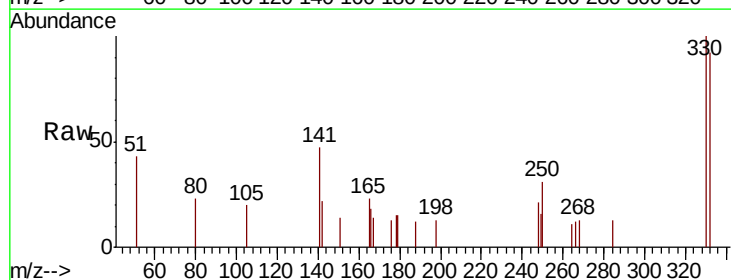


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

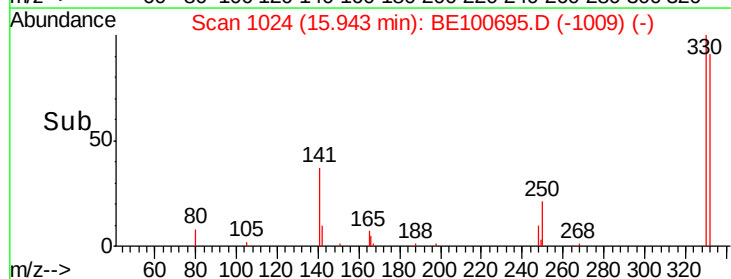
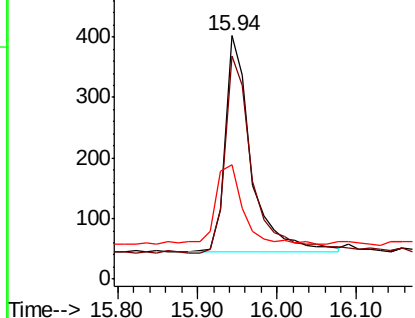


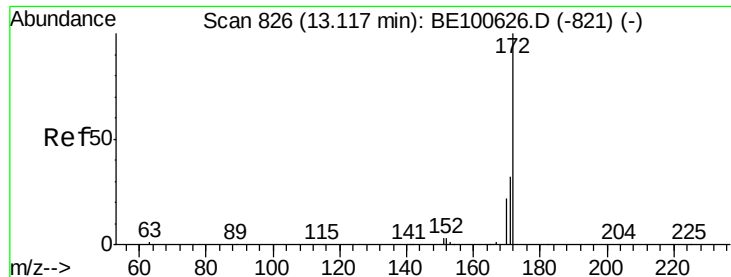
#14
2,4,6-Tribromophenol
Concen: 0.314 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE100695.D
Acq: 29 Oct 2019 15:01

Tgt Ion:330 Resp: 806
Ion Ratio Lower Upper
330 100
332 97.0 77.9 116.9
141 40.3 33.0 49.6



Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

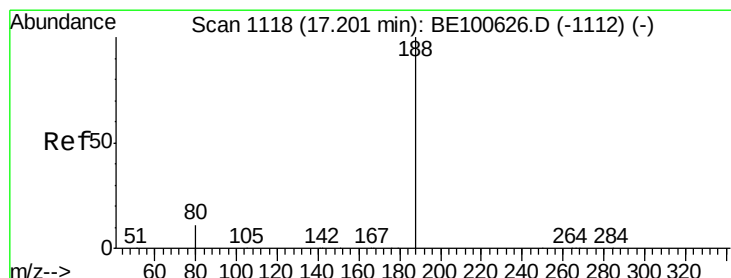
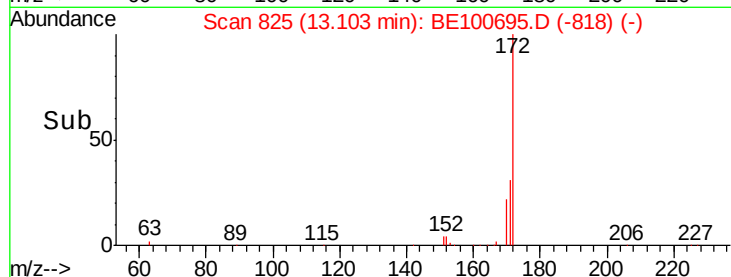
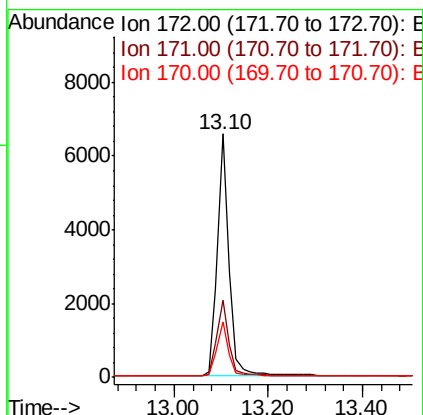
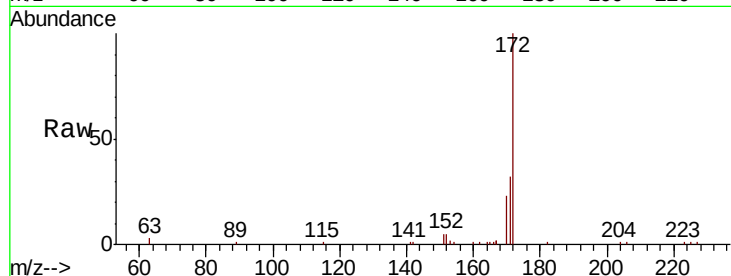




#15
2-Fluorobiphenyl
Concen: 0.318 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE100695.D
Acq: 29 Oct 2019 15:01

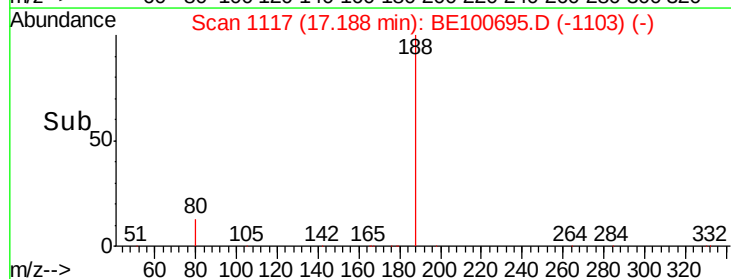
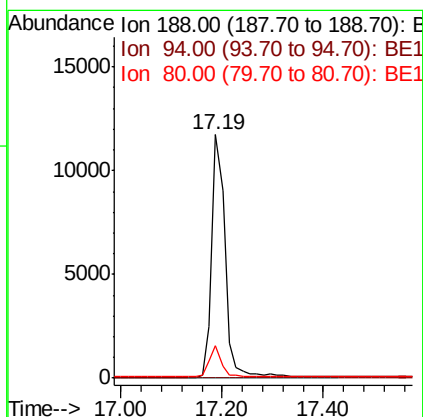
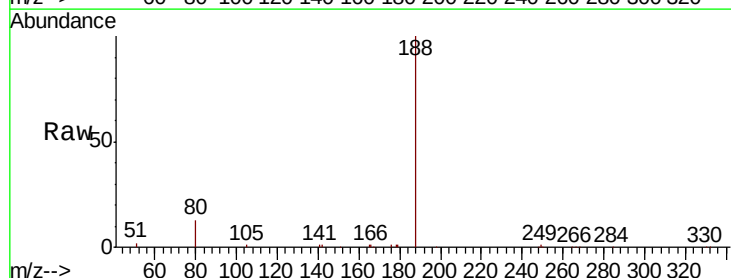
Instrument :
BNA_E
ClientSampleId :

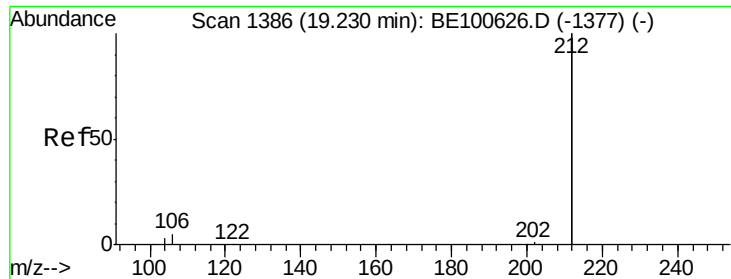
Tot Ion:172 Resp: 11250
Ion Ratio Lower Upper
172 100
171 31.9 26.5 39.7
170 22.7 19.0 28.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BE100695.D
Acq: 29 Oct 2019 15:01

Tgt Ion:188 Resp: 21304
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.5 5.4 8.0#

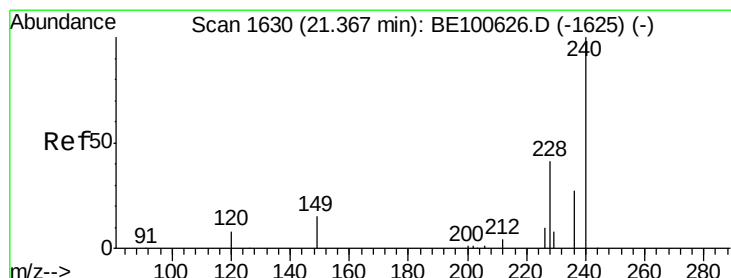
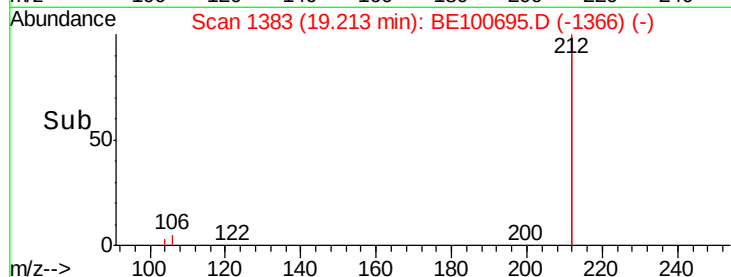
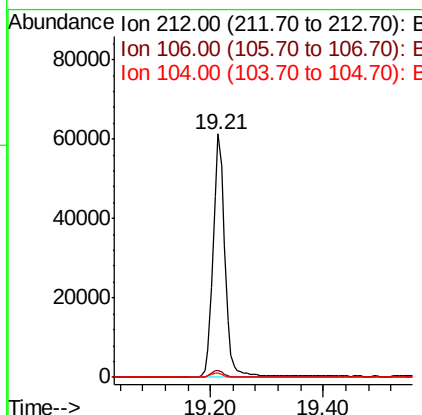
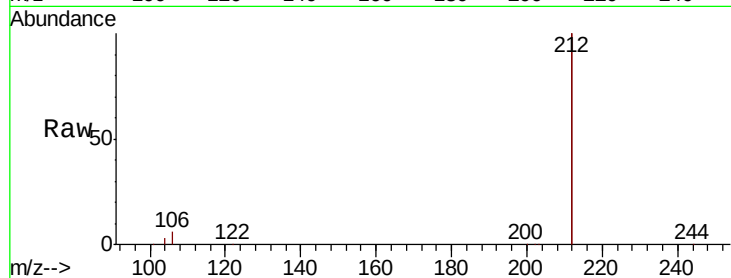




#25
 Fluoranthene-d10
 Concen: 0.320 ng
 RT: 19.21 min Scan# 1383
 Delta R.T. -0.00 min
 Lab File: BE100695.D
 Acq: 29 Oct 2019 15:01

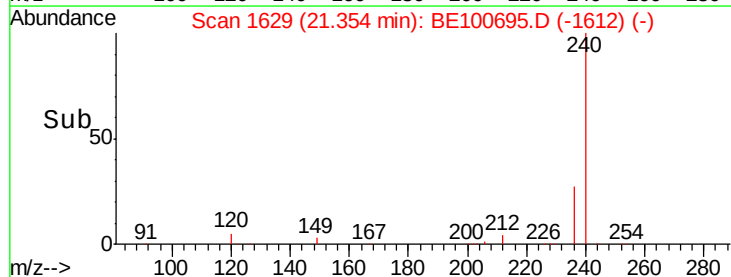
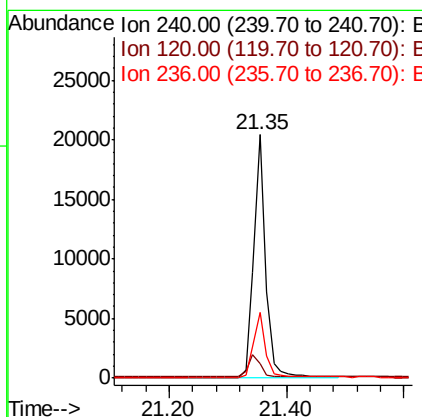
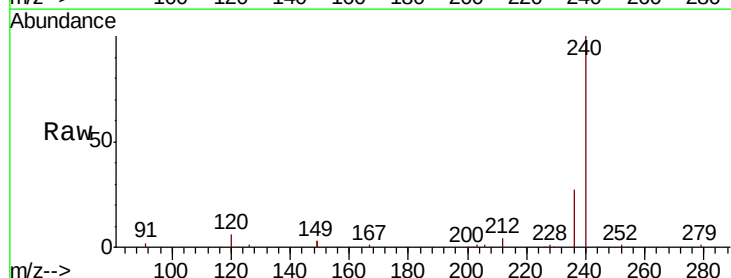
Instrument :
 BNA_E
 ClientSampleId :

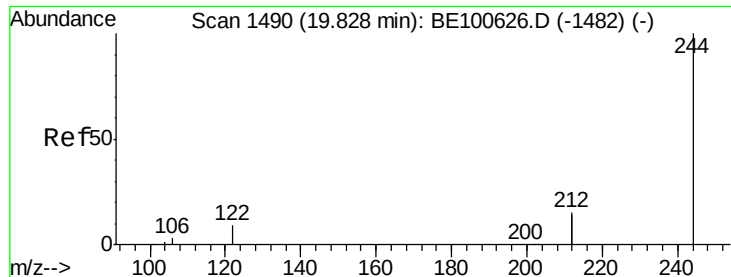
Tot Ion:212 Resp: 88055
 Ion Ratio Lower Upper
 212 100
 106 2.9 2.3 3.5
 104 1.6 1.3 1.9



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.35 min Scan# 1629
 Delta R.T. 0.00 min
 Lab File: BE100695.D
 Acq: 29 Oct 2019 15:01

Tgt Ion:240 Resp: 28898
 Ion Ratio Lower Upper
 240 100
 120 6.2 7.6 11.4#
 236 27.1 22.1 33.1





#29

Terphenyl-d14

Concen: 0.288 ng

RT: 19.81 min Scan# 1487

Delta R.T. -0.00 min

Lab File: BE100695.D

Acq: 29 Oct 2019 15:01

Instrument :

BNA_E

ClientSampleId :

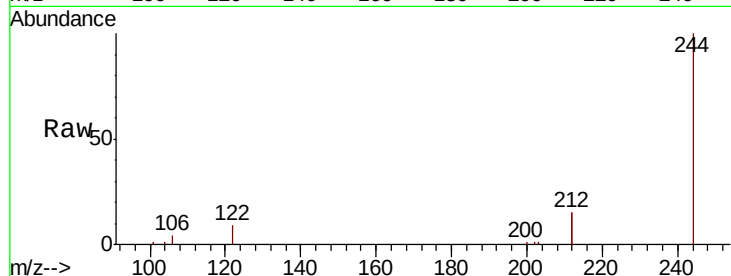
Tot Ion:244 Resp: 18189

Ion Ratio Lower Upper

244 100

212 29.6 23.7 35.5

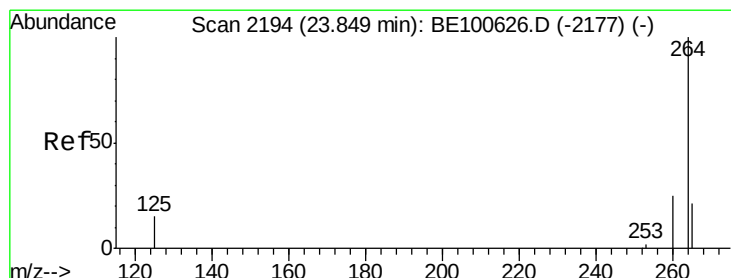
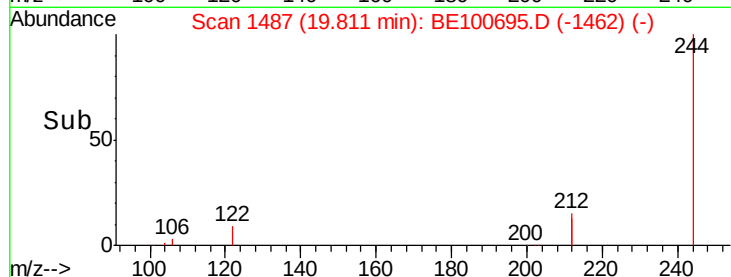
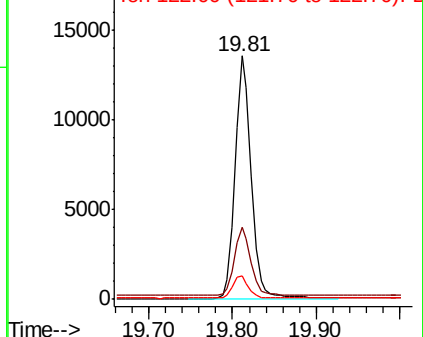
122 9.4 7.9 11.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.82 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BE100695.D

Acq: 29 Oct 2019 15:01

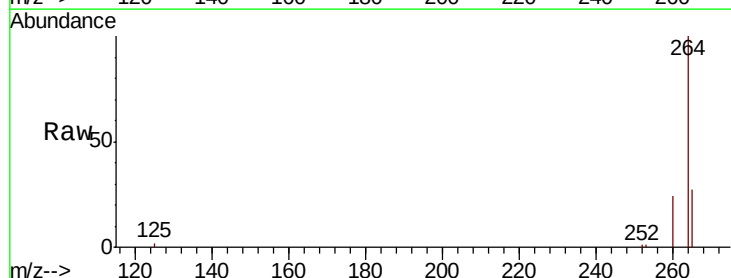
Tgt Ion:264 Resp: 34607

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.2

265 27.1 21.7 32.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

