

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070219\
 Data File : BE100294.D
 Acq On : 2 Jul 2019 10:12
 Operator : JU/SJ
 Sample : PB120795BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB120795BL

Quant Time: Jul 03 02:35:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 14:06:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	720	0.40	ng	0.00
7) Naphthalene-d8	10.45	136	2187	0.40	ng	0.00
13) Acenaphthene-d10	14.33	164	1654	0.40	ng	0.01
19) Phenanthrene-d10	17.07	188	5488	0.40	ng	0.01
27) Chrysene-d12	21.26	240	8610	0.40	ng	0.01
34) Perylene-d12	23.68	264	10619	0.40	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.22	112	661	0.36	ng	0.01
5) Phenol-d6	6.85	99	745	0.31	ng	0.01
8) Nitrobenzene-d5	8.83	82	635	0.29	ng	0.01
11) 2-Methylnaphthalene-d10	12.06	152	1072	0.26	ng	0.01
14) 2,4,6-Tribromophenol	15.84	330	410	0.35	ng	0.01
15) 2-Fluorobiphenyl	12.96	172	2221	0.34	ng	0.01
25) Fluoranthene-d10	19.10	212	24232	0.30	ng	0.00
29) Terphenyl-d14	19.71	244	6873	0.39	ng	0.00

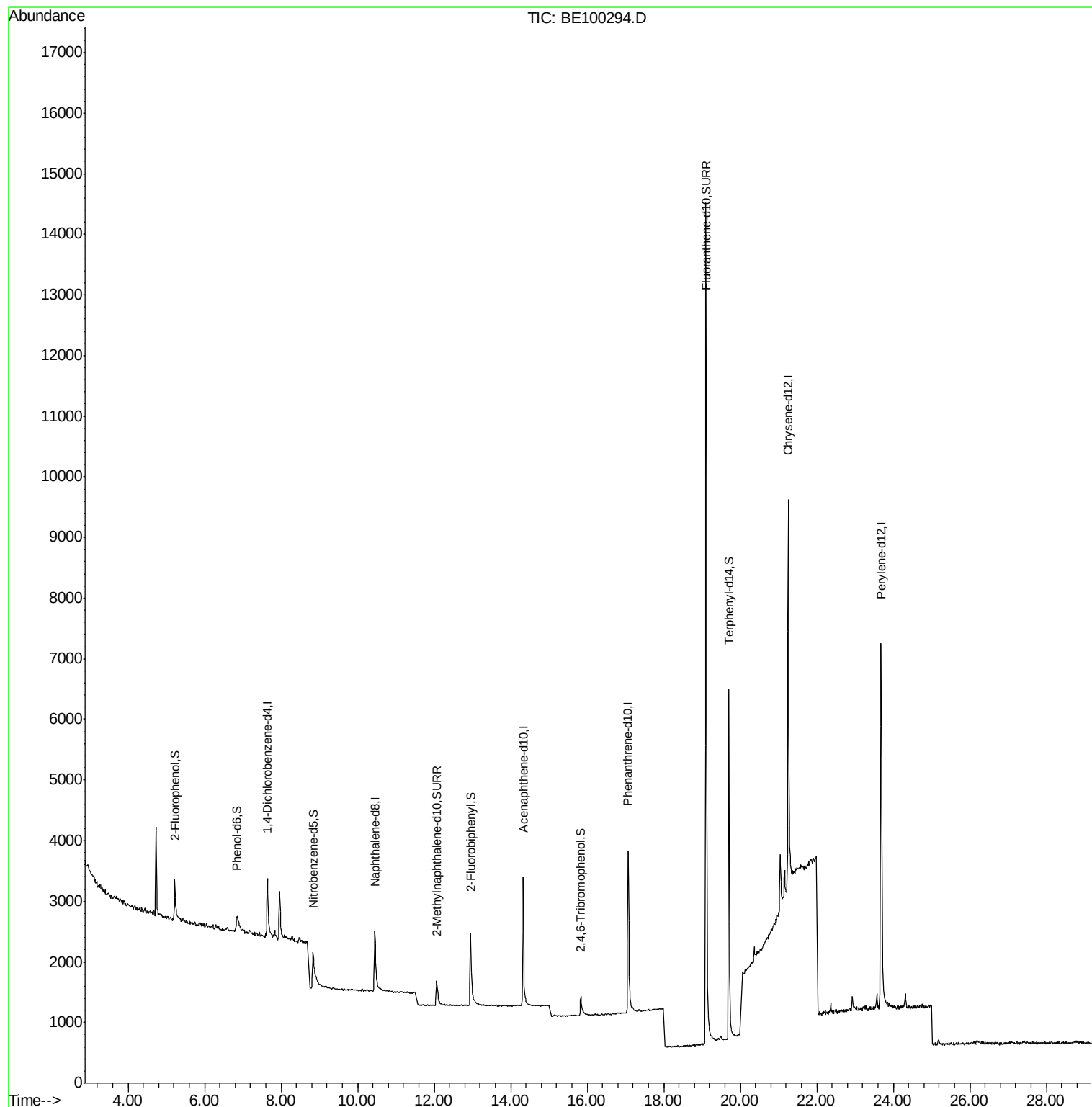
Target Compounds	Qvalue
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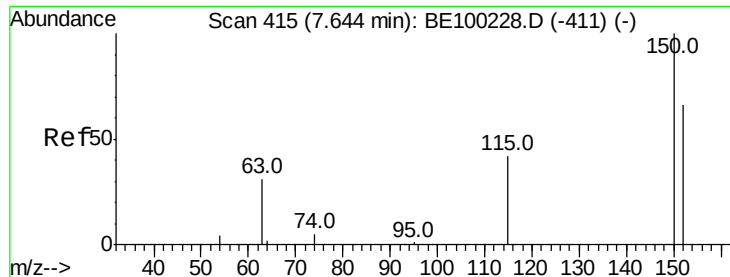
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.64 min Scan# 415

Delta R.T. -0.00 min

Lab File: BE100294.D

Acq: 2 Jul 2019 10:12

Instrument :

BNA_E

ClientSampleId :

PB120795BL

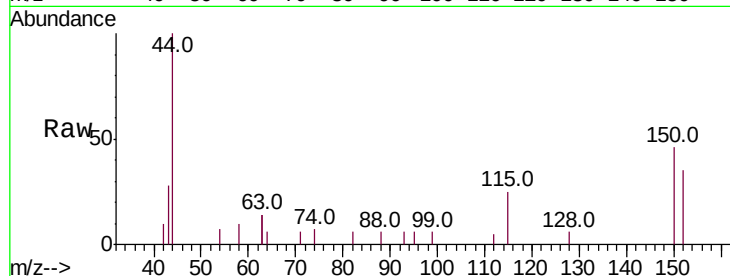
Tot Ion:152 Resp: 720

Ion Ratio Lower Upper

152 100

150 132.2 114.5 171.7

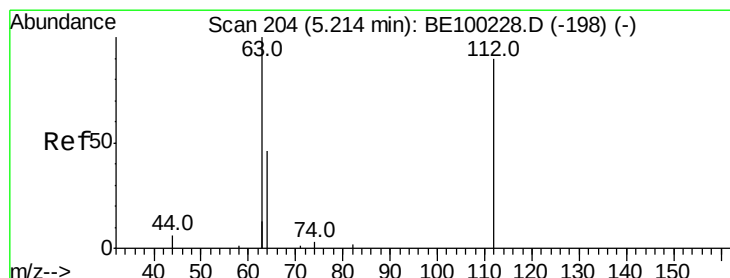
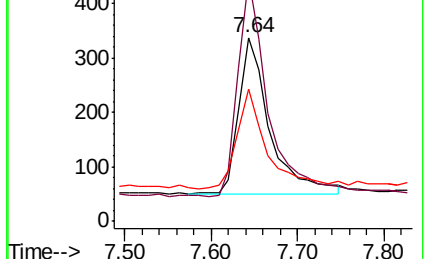
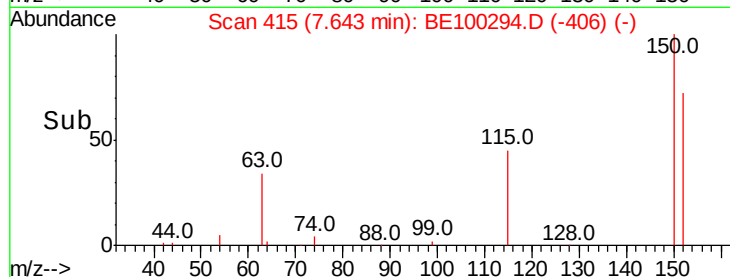
115 71.6 57.1 85.7



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: 0.360 ng

RT: 5.22 min Scan# 205

Delta R.T. 0.01 min

Lab File: BE100294.D

Acq: 2 Jul 2019 10:12

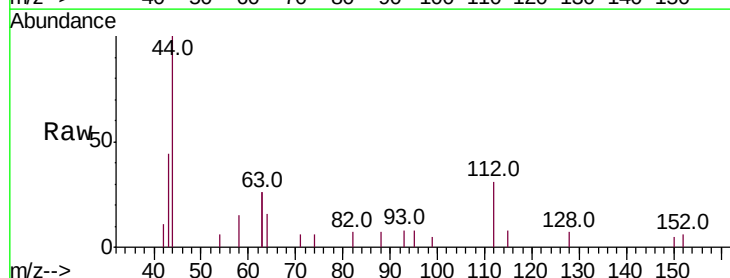
Tgt Ion:112 Resp: 661

Ion Ratio Lower Upper

112 100

64 50.5 39.4 59.0

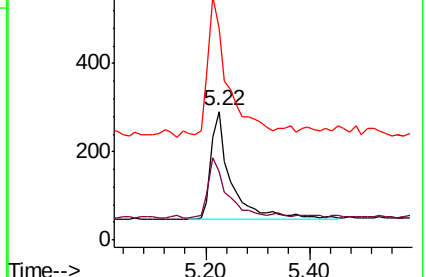
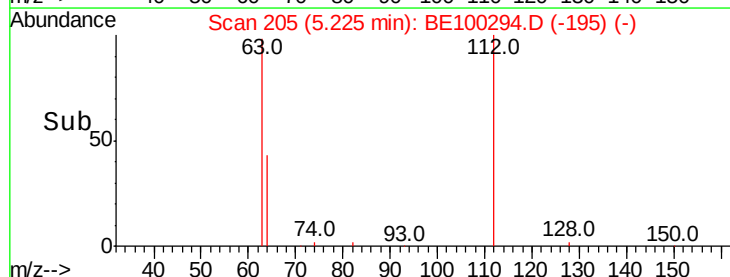
63 133.0 104.5 156.7

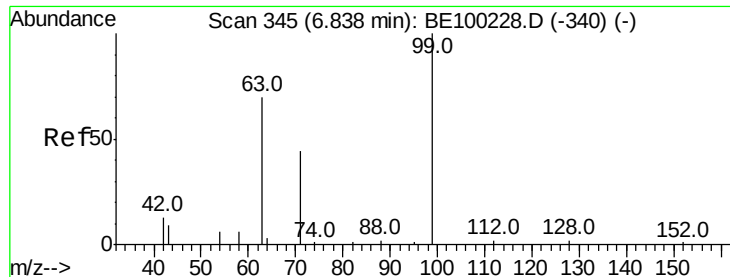


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.308 ng

RT: 6.85 min Scan# 346

Delta R.T. 0.01 min

Lab File: BE100294.D

Acq: 2 Jul 2019 10:12

Instrument :

BNA_E

ClientSampleId :

PB120795BL

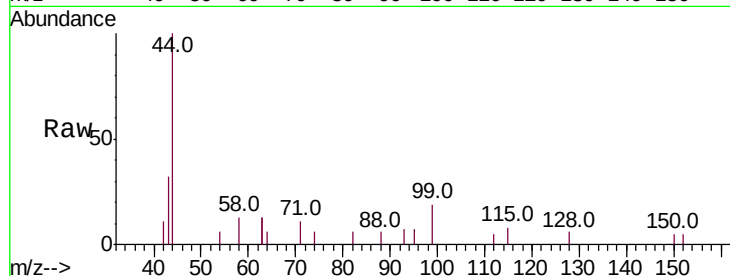
Tot Ion: 99 Resp: 745

Ion Ratio Lower Upper

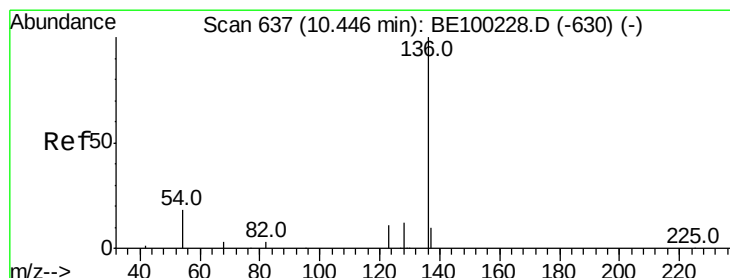
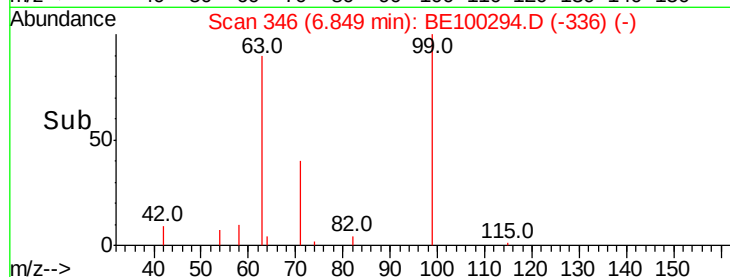
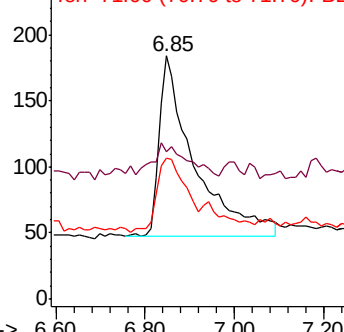
99 100

42 16.8 11.2 16.8

71 34.2 37.2 55.8#



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: 10.45 min Scan# 637

Delta R.T. -0.00 min

Lab File: BE100294.D

Acq: 2 Jul 2019 10:12

Tgt Ion: 136 Resp: 2187

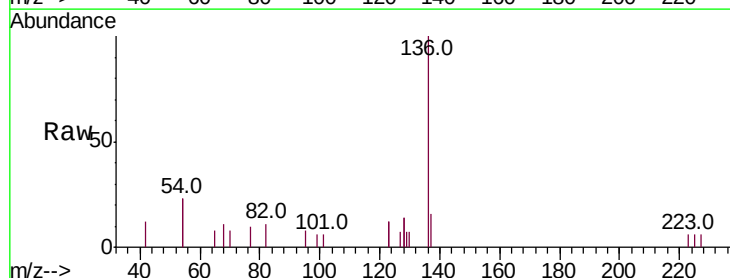
Ion Ratio Lower Upper

136 100

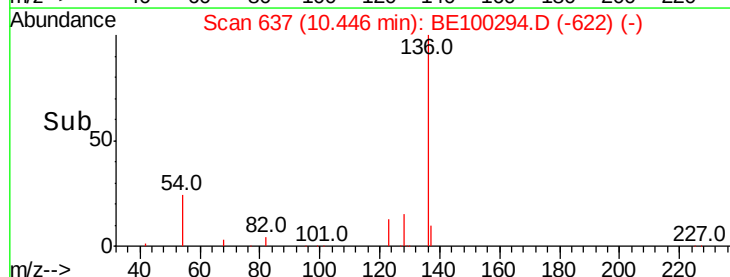
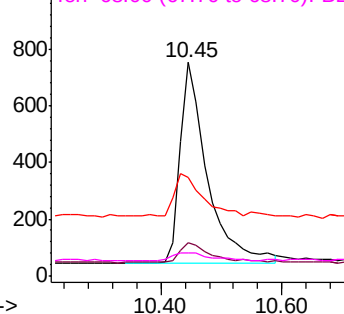
137 15.8 11.8 17.8

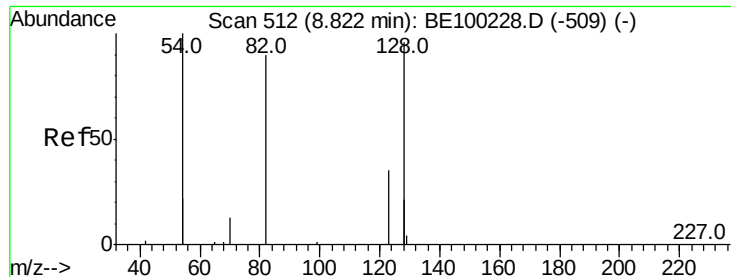
54 45.9 27.7 41.5#

68 10.8 6.8 10.2#



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BE1
Ion 68.00 (67.70 to 68.70): BE1





#8

Nitrobenzene-d5

Concen: 0.292 ng

RT: 8.83 min Scan# 513

Delta R.T. 0.01 min

Lab File: BE100294.D

Acq: 2 Jul 2019 10:12

Instrument :

BNA_E

ClientSampleId :

PB120795BL

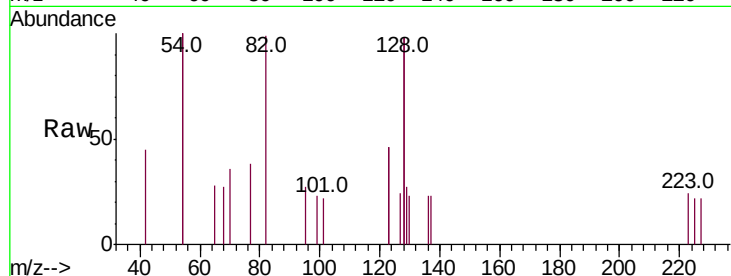
Tot Ion: 82 Resp: 635

Ion Ratio Lower Upper

82 100

128 197.1 140.9 211.3

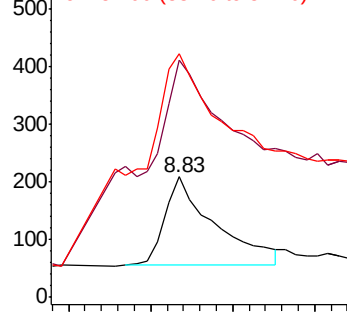
54 201.9 146.2 219.2



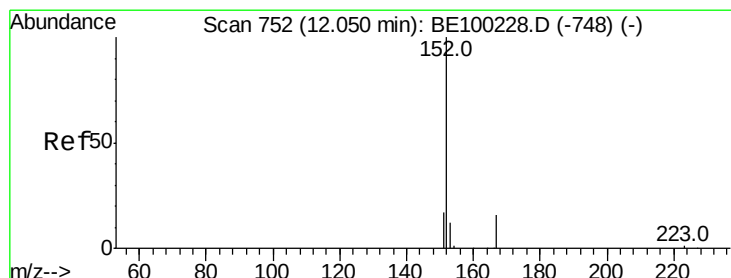
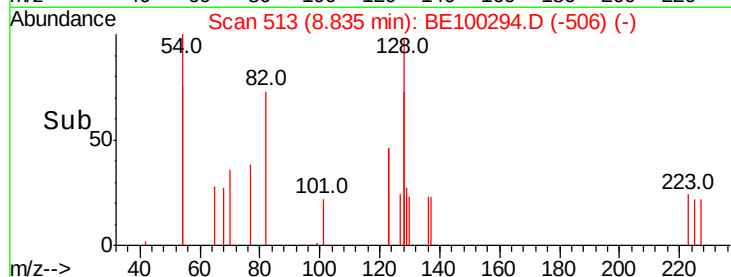
Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1



Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.261 ng

RT: 12.06 min Scan# 753

Delta R.T. 0.01 min

Lab File: BE100294.D

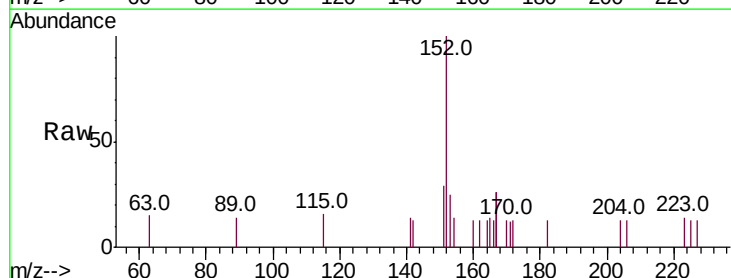
Acq: 2 Jul 2019 10:12

Tgt Ion: 152 Resp: 1072

Ion Ratio Lower Upper

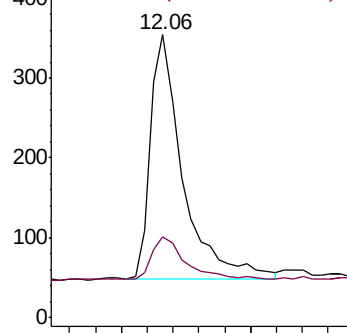
152 100

151 17.7 15.1 22.7

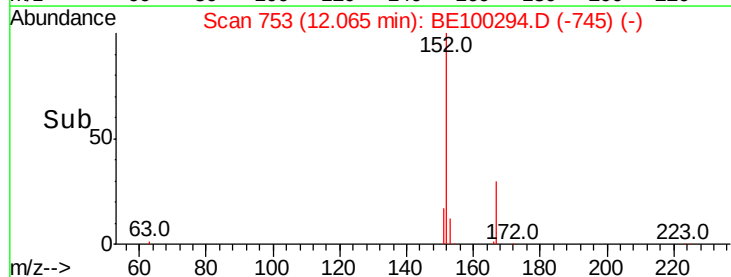


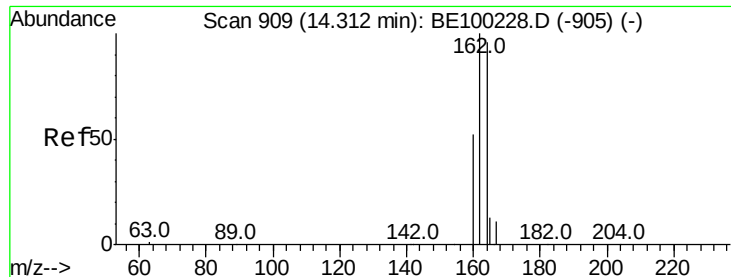
Abundance Ion 152.00 (151.70 to 152.70): BE1

Ion 151.00 (150.70 to 151.70): BE1



Time-->

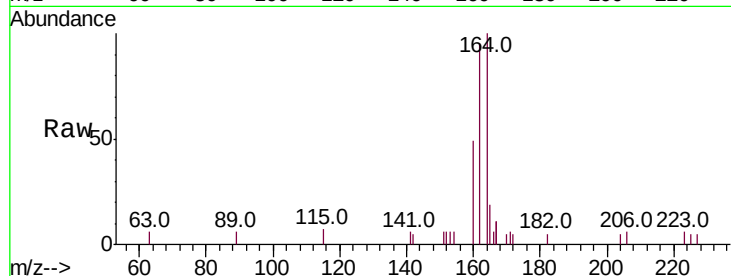




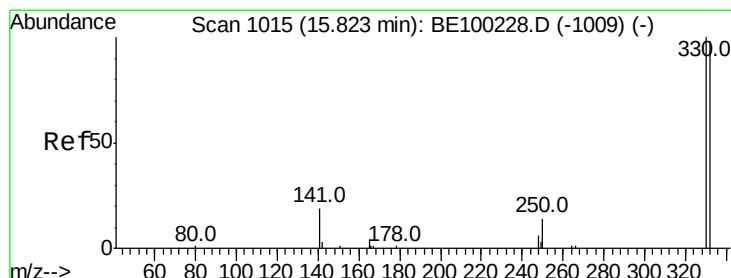
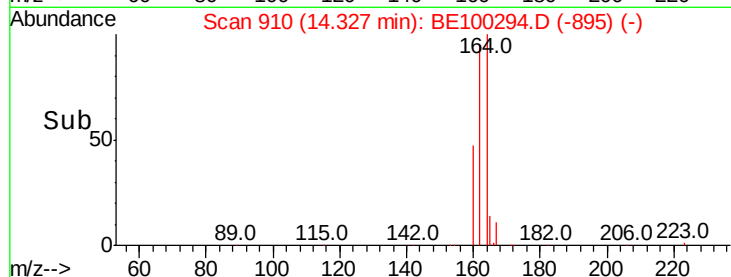
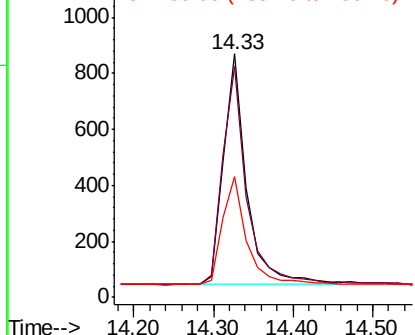
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.33 min Scan# 910
 Delta R.T. 0.01 min
 Lab File: BE100294.D
 Acq: 2 Jul 2019 10:12

Instrument :
 BNA_E
 ClientSampleId :
 PB120795BL

Tot Ion:164 Resp: 1654
 Ion Ratio Lower Upper
 164 100
 162 94.6 83.4 125.0
 160 49.4 45.0 67.6

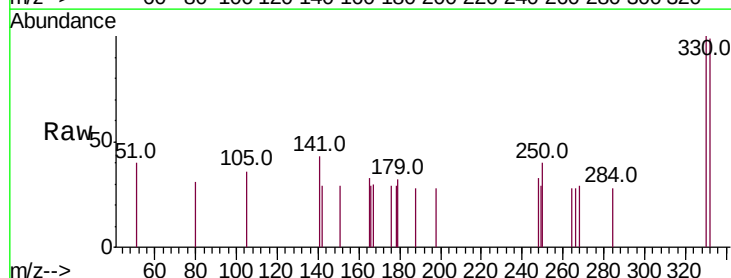


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

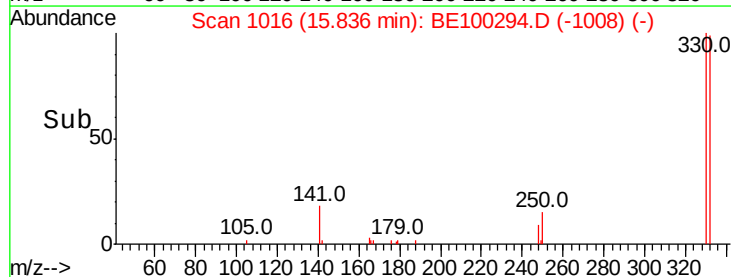
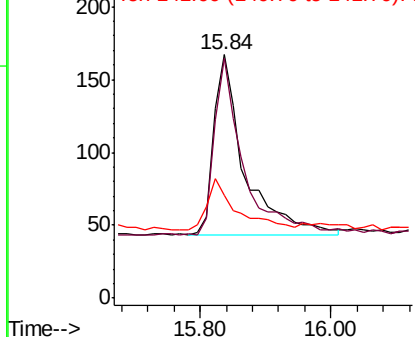


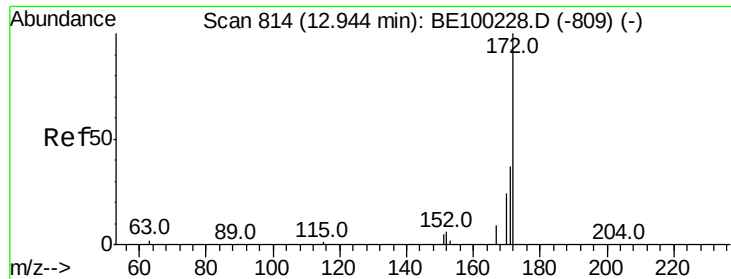
#14
 2,4,6-Tribromophenol
 Concen: 0.354 ng
 RT: 15.84 min Scan# 1016
 Delta R.T. 0.01 min
 Lab File: BE100294.D
 Acq: 2 Jul 2019 10:12

Tgt Ion:330 Resp: 410
 Ion Ratio Lower Upper
 330 100
 332 92.7 77.0 115.4
 141 26.3 22.0 33.0



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

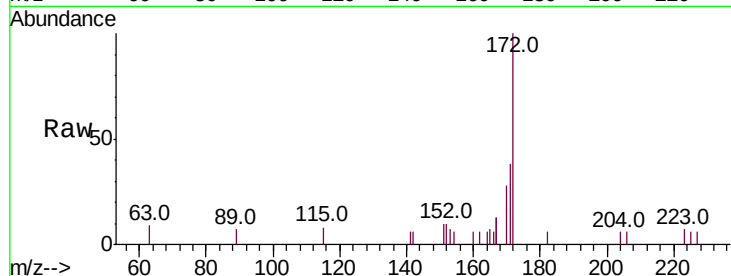




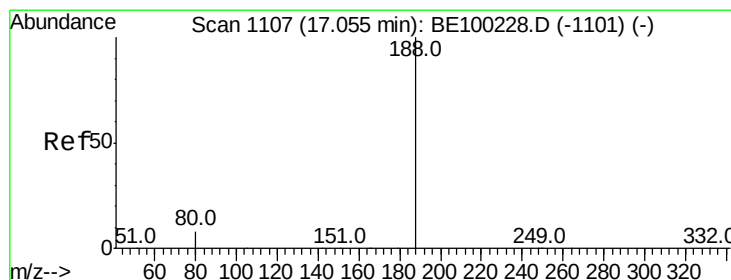
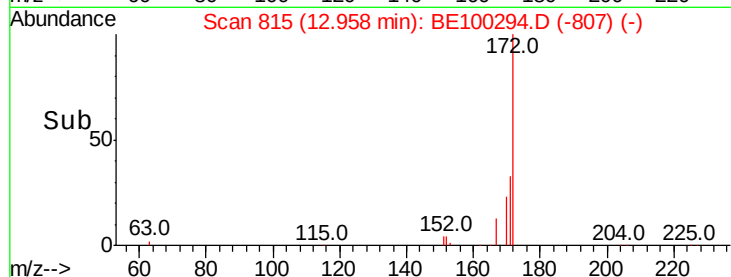
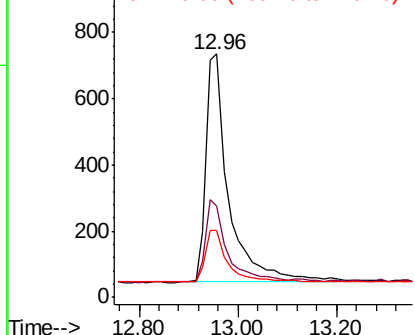
#15
 2-Fluorobiphenyl
 Concen: 0.345 ng
 RT: 12.96 min Scan# 815
 Delta R.T. 0.01 min
 Lab File: BE100294.D
 Acq: 2 Jul 2019 10:12

Instrument :
 BNA_E
 ClientSampleId :
 PB120795BL

Tot Ion:172 Resp: 2221
 Ion Ratio Lower Upper
 172 100
 171 37.5 31.9 47.9
 170 27.6 22.2 33.2

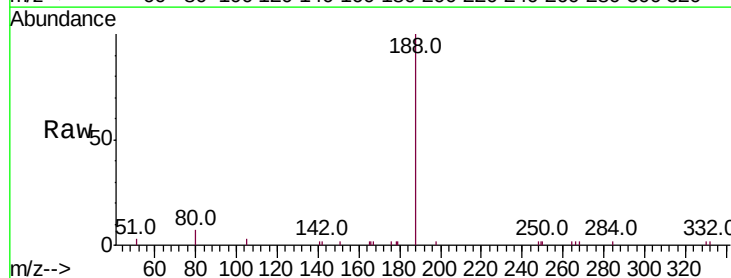


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

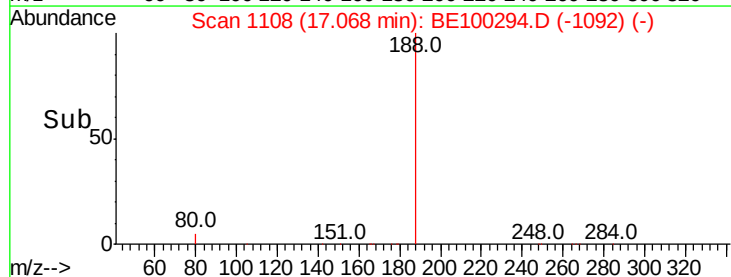
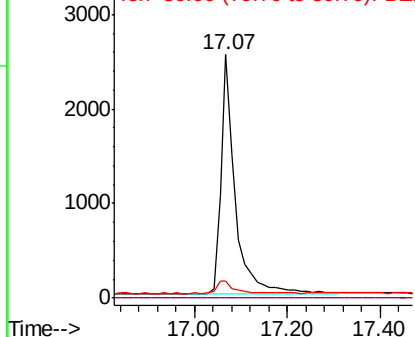


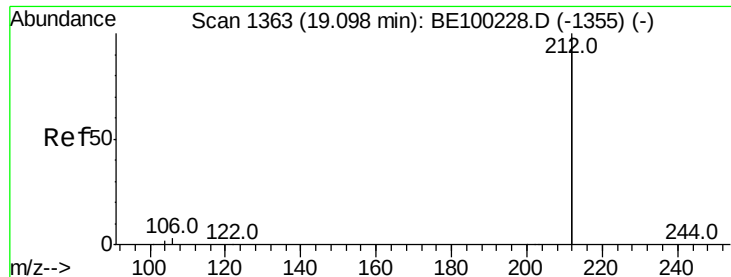
#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.07 min Scan# 1108
 Delta R.T. 0.01 min
 Lab File: BE100294.D
 Acq: 2 Jul 2019 10:12

Tgt Ion:188 Resp: 5488
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 7.2 7.6 11.4#



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BE1
 Ion 80.00 (79.70 to 80.70): BE1





#25

Fluoranthene-d10

Concen: 0.304 ng

RT: 19.10 min Scan# 1364

Delta R.T. 0.01 min

Lab File: BE100294.D

Acq: 2 Jul 2019 10:12

Instrument :

BNA_E

ClientSampleId :

PB120795BL

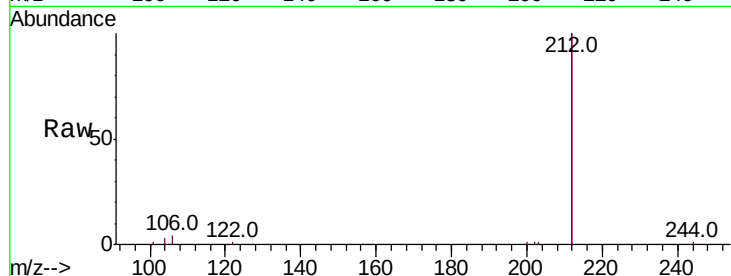
Tot Ion:212 Resp: 24232

Ion Ratio Lower Upper

212 100

106 1.6 1.3 1.9

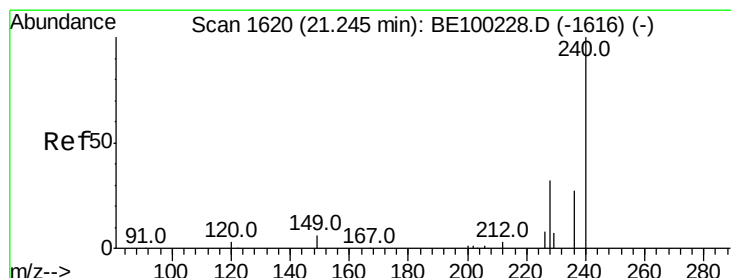
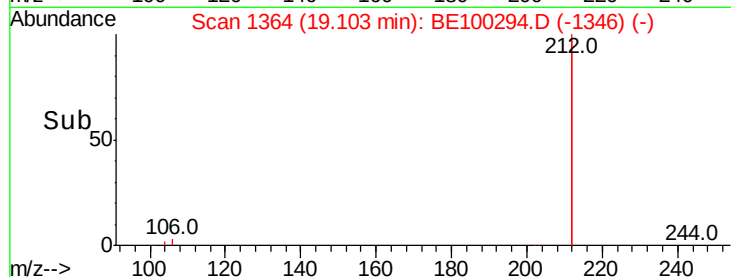
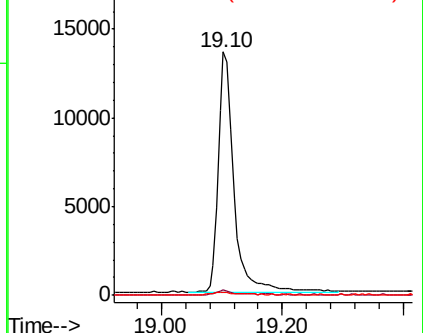
104 0.9 0.8 1.2



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.26 min Scan# 1621

Delta R.T. 0.01 min

Lab File: BE100294.D

Acq: 2 Jul 2019 10:12

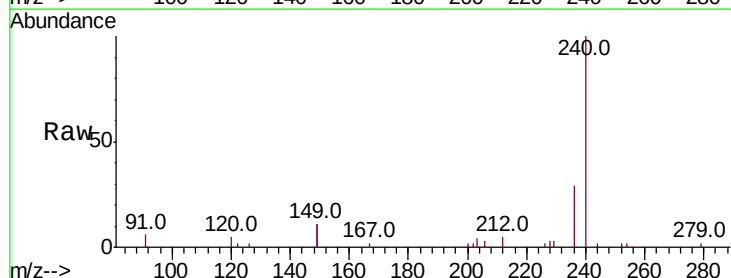
Tgt Ion:240 Resp: 8610

Ion Ratio Lower Upper

240 100

120 5.0 3.3 4.9#

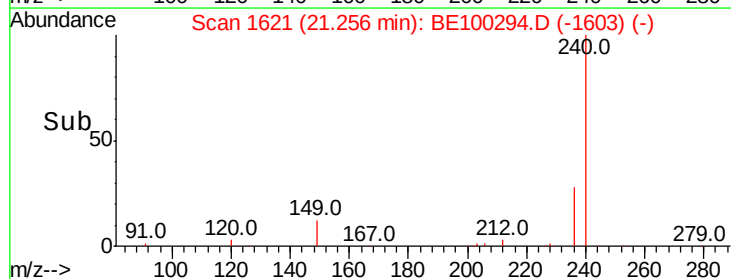
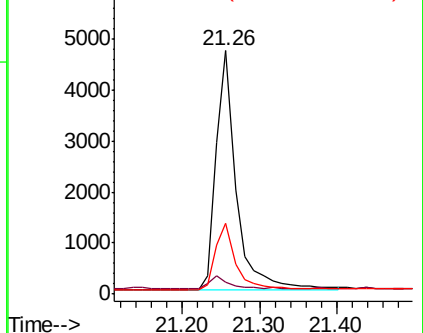
236 29.0 22.6 34.0

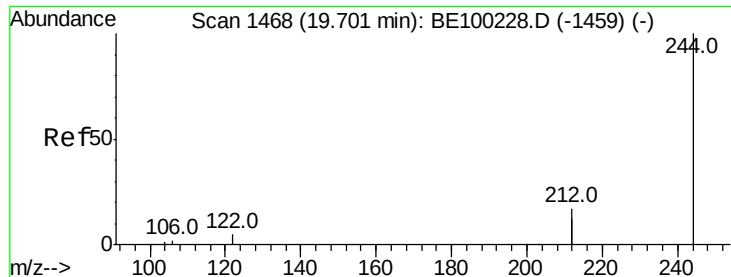


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.385 ng

RT: 19.71 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BE100294.D

Acq: 2 Jul 2019 10:12

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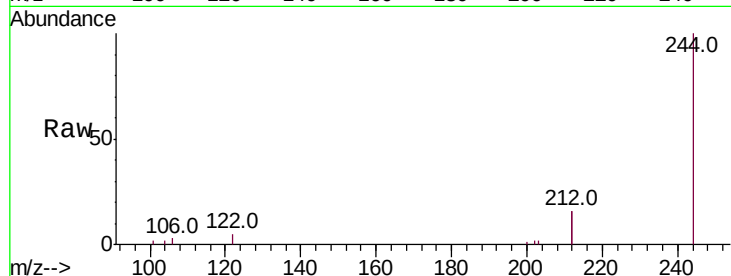
Tot Ion:244 Resp: 6873

Ion Ratio Lower Upper

244 100

212 32.1 27.3 40.9

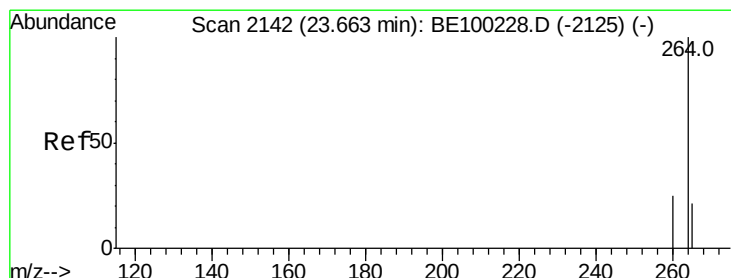
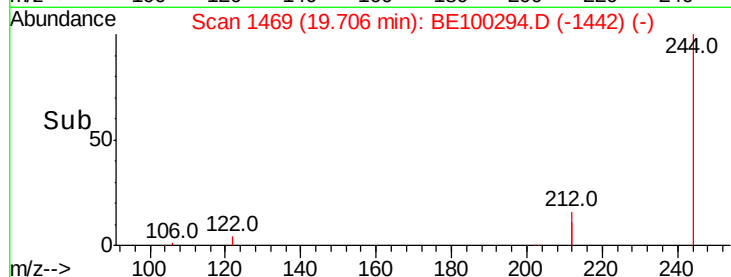
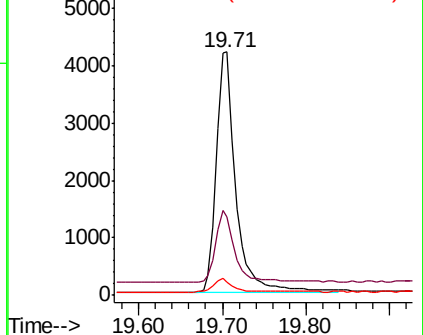
122 5.5 4.7 7.1



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: 23.68 min Scan# 2147

Delta R.T. 0.02 min

Lab File: BE100294.D

Acq: 2 Jul 2019 10:12

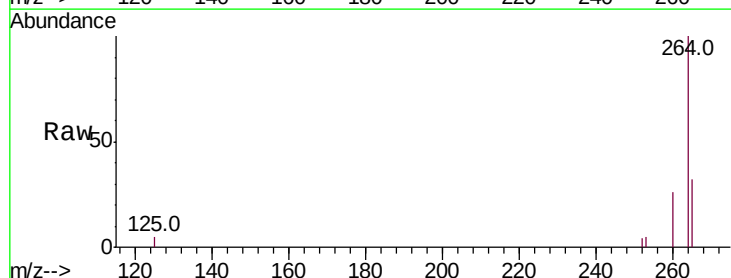
Tgt Ion:264 Resp: 10619

Ion Ratio Lower Upper

264 100

260 25.8 20.8 31.2

265 31.9 21.8 32.6



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

