

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100819\
 Data File : BE100617.D
 Acq On : 8 Oct 2019 20:18
 Operator : JU
 Sample : K5109-01DL 250X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-1DL

Manual Integrations
 APPROVED

mohammad
 10/12/2019 7:35:31 AM

Quant Time: Oct 09 04:27:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:42:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3249	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	15348	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	9322	0.40	ng	0.00
19) Phenanthrene-d10	17.17	188	21613	0.40	ng	0.00
27) Chrysene-d12	21.34	240	24072	0.40	ng	0.01
34) Perylene-d12	23.79	264	28577	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	19	0.00	ng	0.00
5) Phenol-d6	6.99	99	8	0.00	ng	0.00
8) Nitrobenzene-d5	8.96	82	5m	0.00	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	50	0.00	ng	0.00
14) 2,4,6-Tribromophenol	15.92	330	7	0.00	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	64	0.00	ng	0.00
25) Fluoranthene-d10	19.20	212	441	0.00	ng	0.00
29) Terphenyl-d14	19.79	244	130	0.00	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.29	88	23992	4.384	ng	Qvalue # 89

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

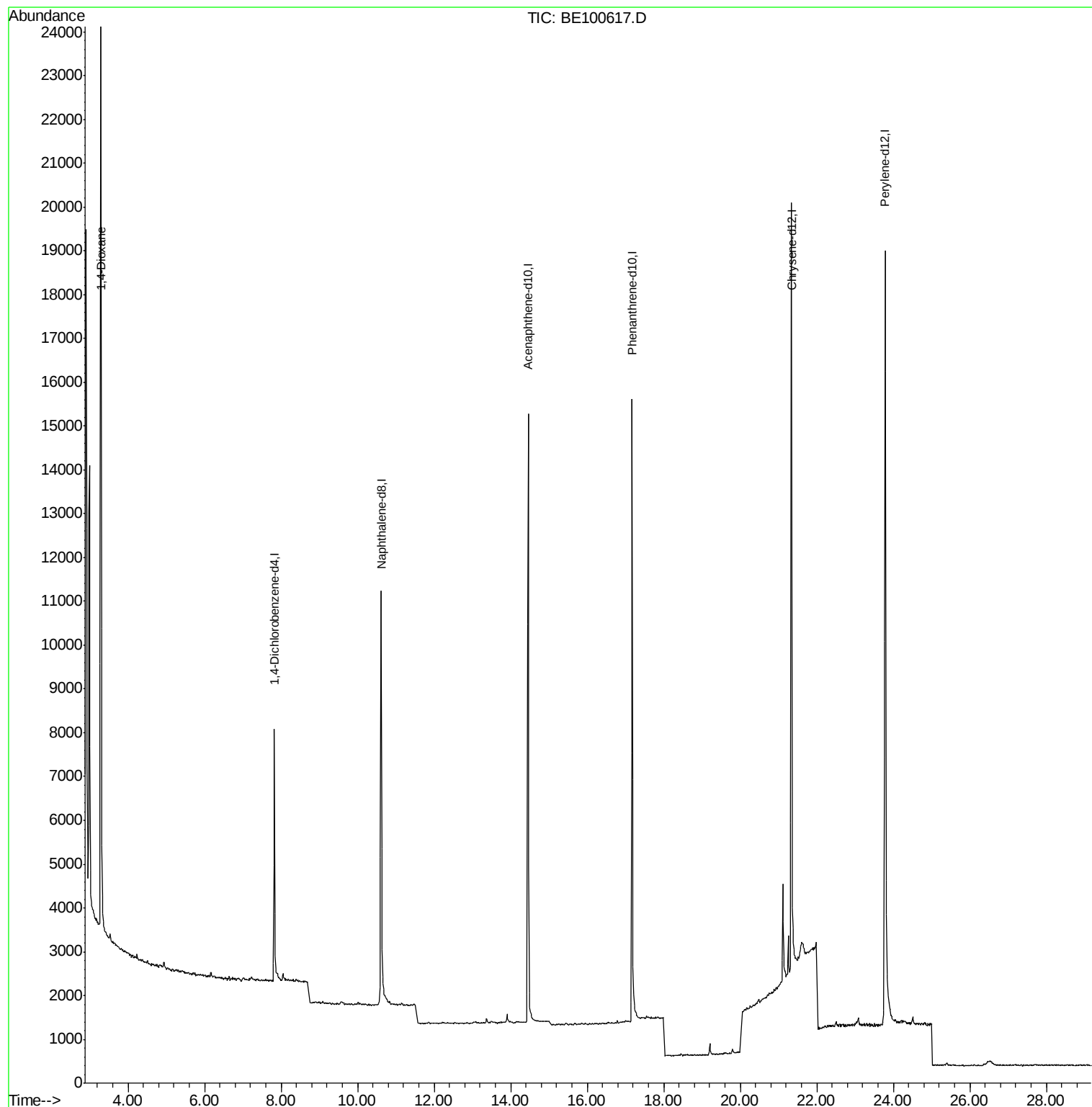
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100819\
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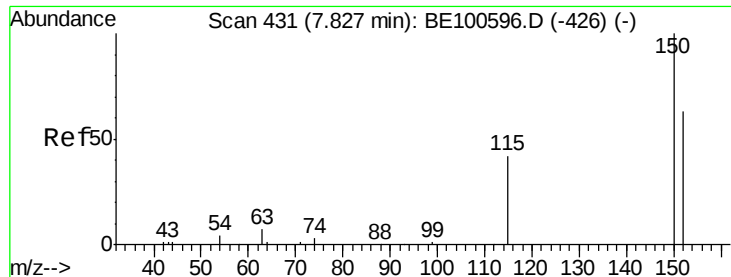
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QLast Update : Wed Oct 09 01:42:20 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. 0.00 min

Lab File: BE100617.D

Acq: 8 Oct 2019 20:18

Instrument :

BNA_E

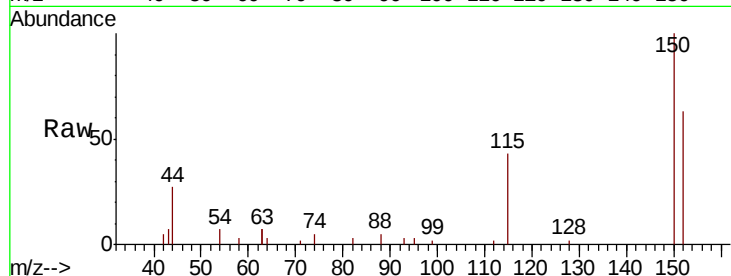
ClientSampleId :

MW-1DL

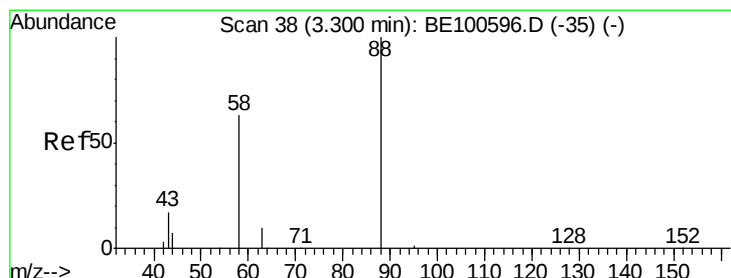
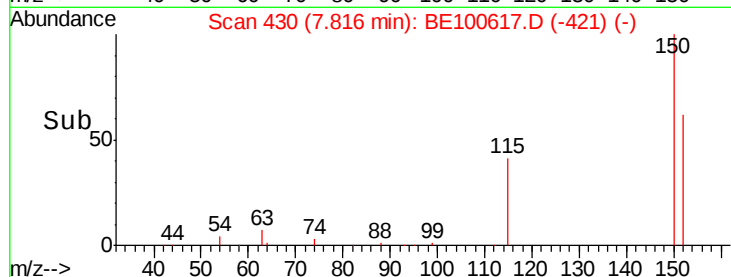
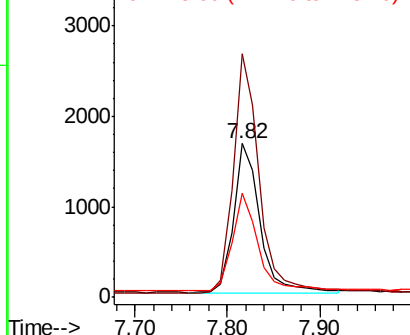
Tot Ion:	152	Resp:	3249
Ion	Ratio	Lower	Upper
152	100		
150	158.7	126.5	189.7
115	68.1	54.6	81.8

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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



#2

1,4-Dioxane

Concen: 4.384 ng

RT: 3.29 min Scan# 37

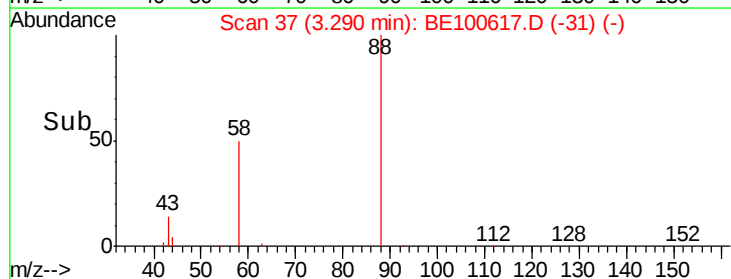
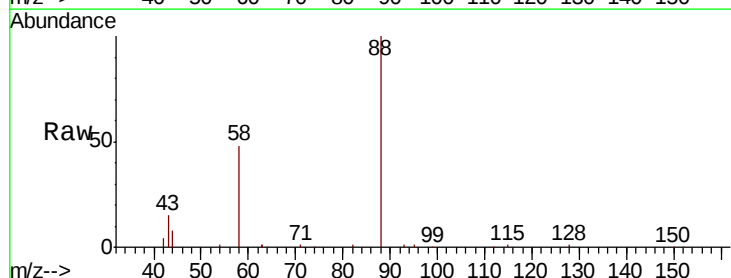
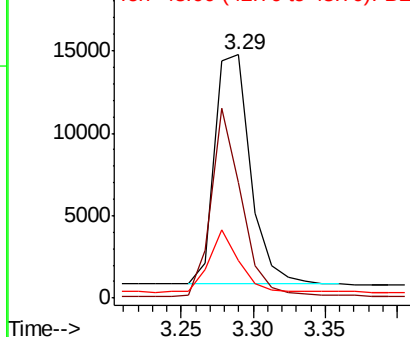
Delta R.T. 0.00 min

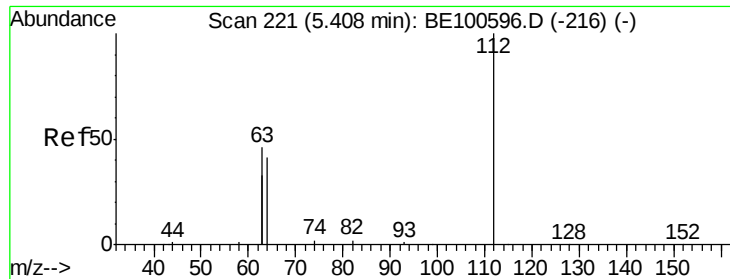
Lab File: BE100617.D

Acq: 8 Oct 2019 20:18

Tgt Ion:	88	Resp:	23992
Ion	Ratio	Lower	Upper
88	100		
58	69.0	48.1	72.1
43	22.3	14.4	21.6

Abundance Ion 88.00 (87.70 to 88.70): BE1
Ion 58.00 (57.70 to 58.70): BE1
Ion 43.00 (42.70 to 43.70): BE1





#4

2-Fluorophenol

Concen: 0.002 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.00 min

Lab File: BE100617.D

Acq: 8 Oct 2019 20:18

Instrument :

BNA_E

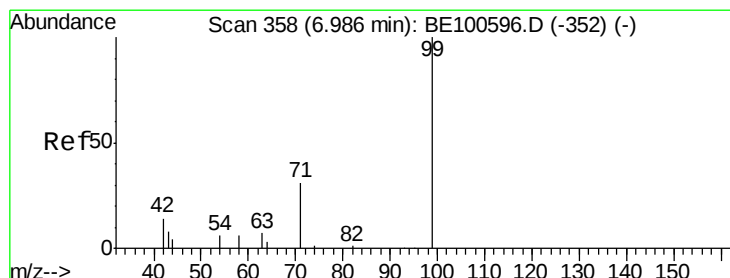
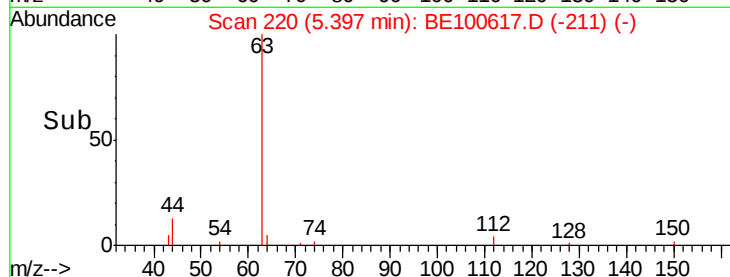
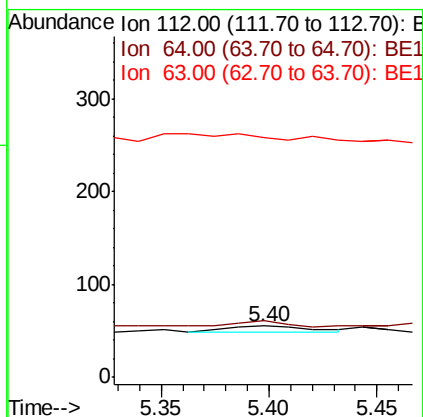
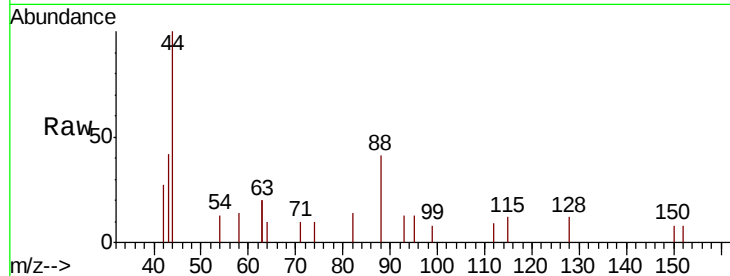
ClientSampleId :

MW-1DL

Tot Ion:	112	Resp:	19
Ion	Ratio	Lower	Upper
112	100		
64	57.9	43.7	65.5
63	0.0	84.5	126.7#

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#5

Phenol-d6

Concen: 0.001 ng

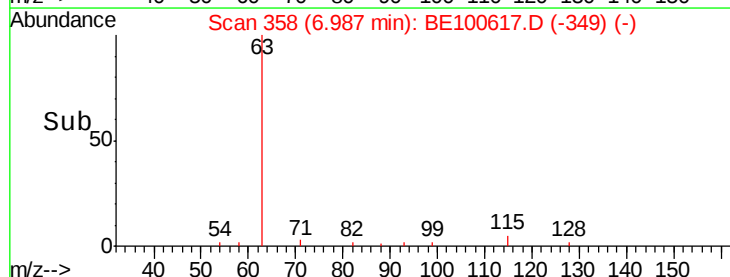
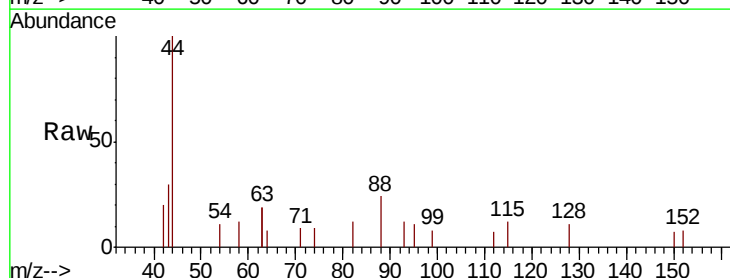
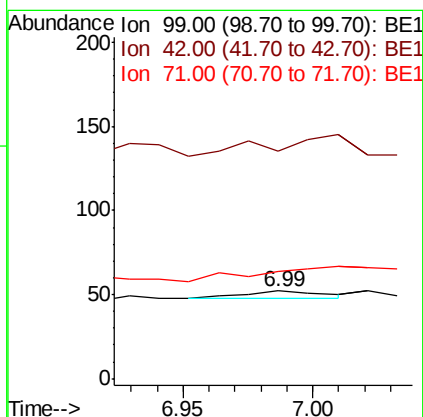
RT: 6.99 min Scan# 358

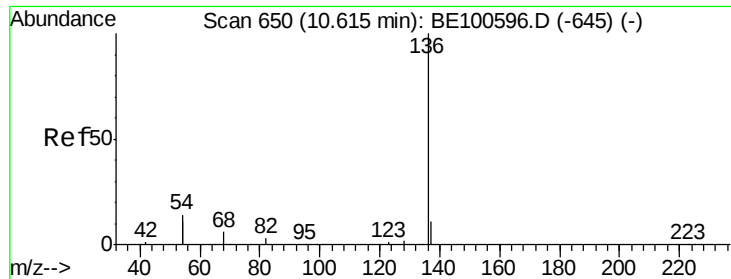
Delta R.T. 0.00 min

Lab File: BE100617.D

Acq: 8 Oct 2019 20:18

Tgt Ion:	99	Resp:	8
Ion	Ratio	Lower	Upper
99	100		
42	0.0	11.7	17.5#
71	0.0	23.0	34.4#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.01 min

Lab File: BE100617.D

Acq: 8 Oct 2019 20:18

Instrument :

BNA_E

ClientSampleId :

MW-1DL

Tot Ion: 136 Resp: 15348

Ion Ratio Lower Upper

136 100

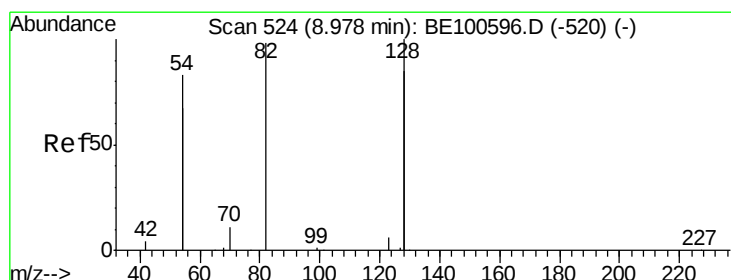
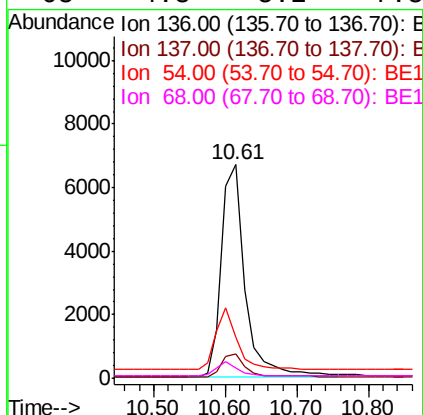
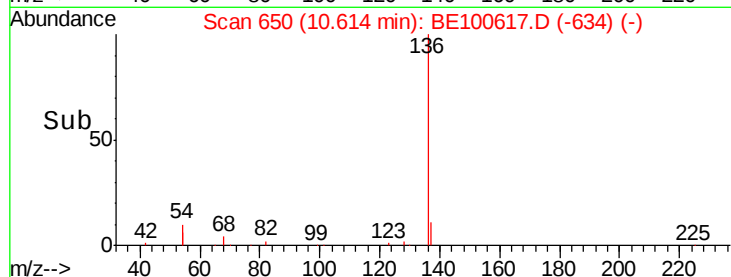
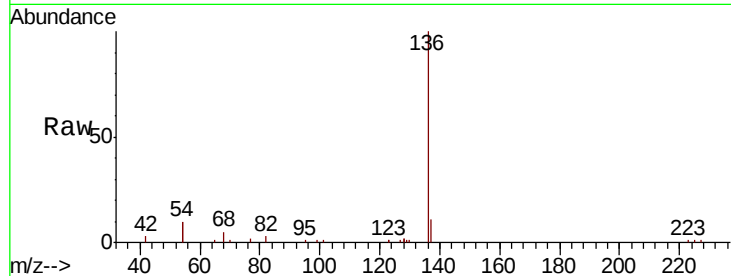
137 11.4 9.1 13.7

54 19.4 22.4 33.6#

68 4.8 5.2 7.8#

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#8

Nitrobenzene-d5

Concen: 0.001 ng m

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE100617.D

Acq: 8 Oct 2019 20:18

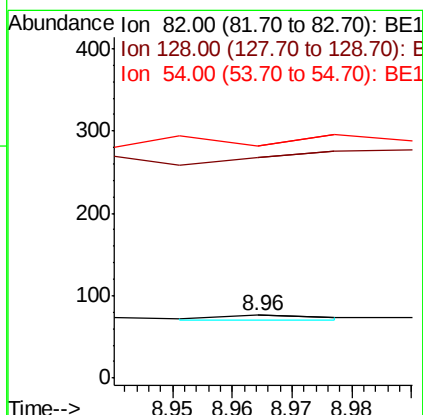
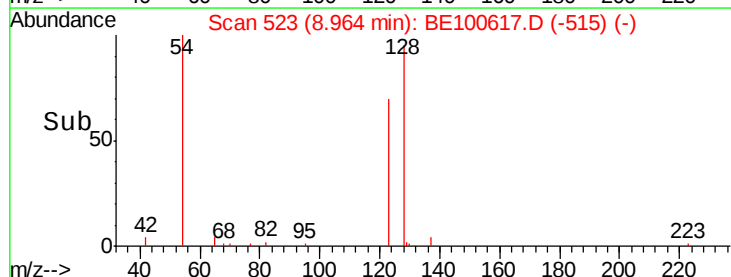
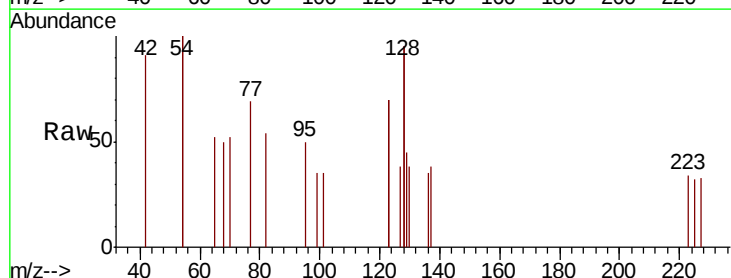
Tgt Ion: 82 Resp: 5

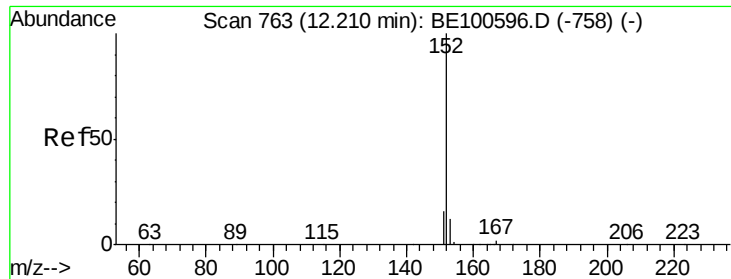
Ion Ratio Lower Upper

82 100

128 176.3 154.7 232.1

54 185.5 128.5 192.7





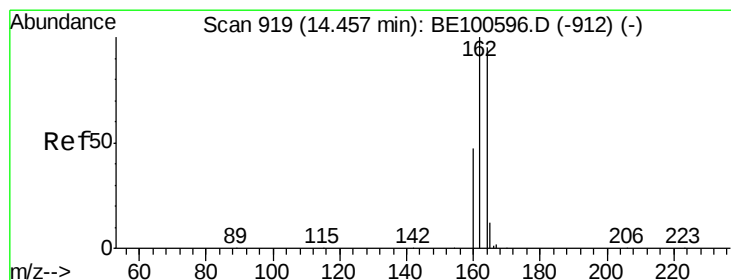
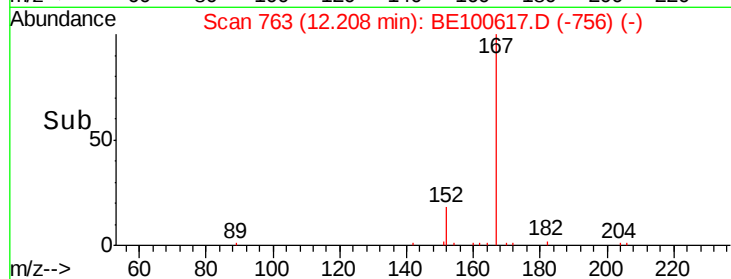
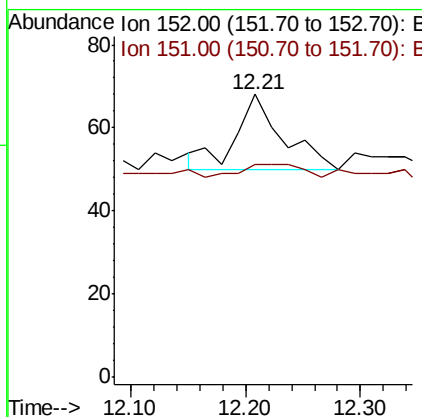
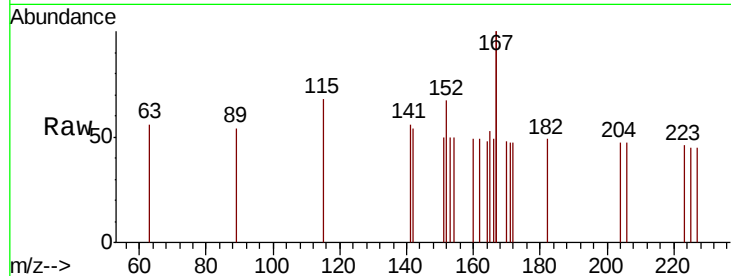
#11
 2-Methylnaphthalene-d10
 Concen: 0.002 ng
 RT: 12.21 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: BE100617.D
 Acq: 8 Oct 2019 20:18

Instrument :
 BNA_E
 ClientSampleId :
 MW-1DL

Tot Ion:152 Resp: 50
 Ion Ratio Lower Upper
 152 100
 151 22.0 15.2 22.8

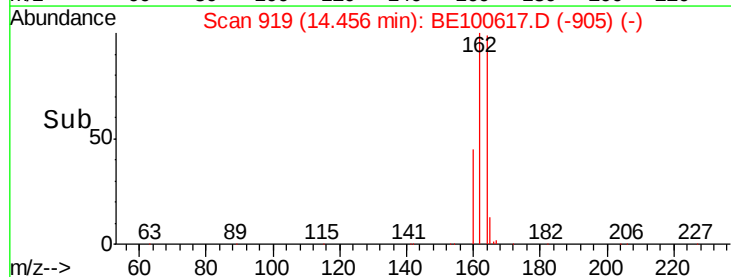
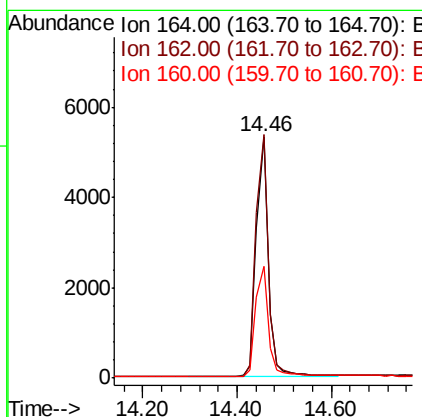
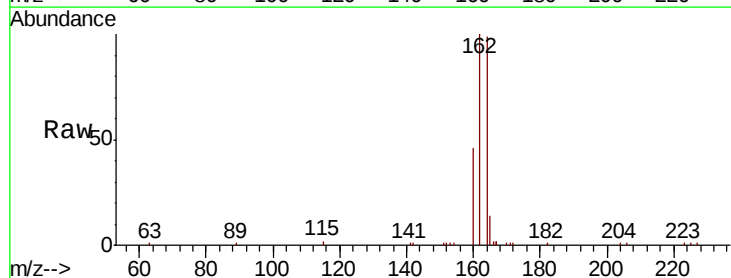
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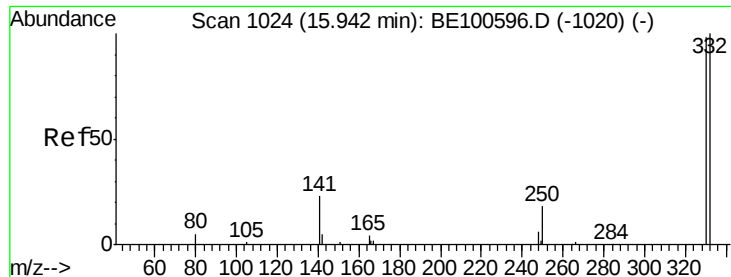
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#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: BE100617.D
 Acq: 8 Oct 2019 20:18

Tgt Ion:164 Resp: 9322
 Ion Ratio Lower Upper
 164 100
 162 100.8 84.2 126.4
 160 46.0 40.2 60.4





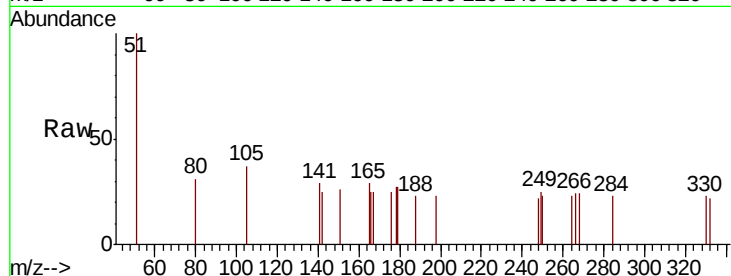
#14
 2,4,6-Tribromophenol
 Concen: 0.003 ng
 RT: 15.92 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BE100617.D
 Acq: 8 Oct 2019 20:18

Instrument :
 BNA_E
 ClientSampleId :
 MW-1DL

Tot Ion	Ratio	Lower	Upper
330	100		
332	0.0	78.5	117.7#
141	328.6	39.4	59.0#

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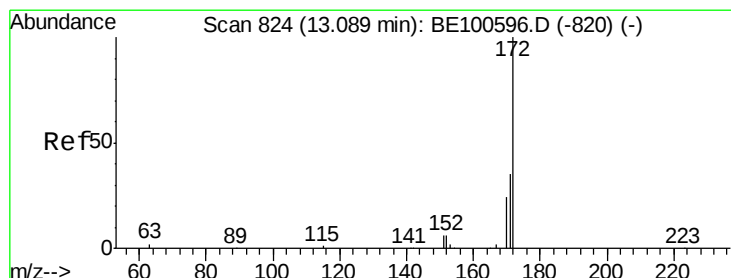
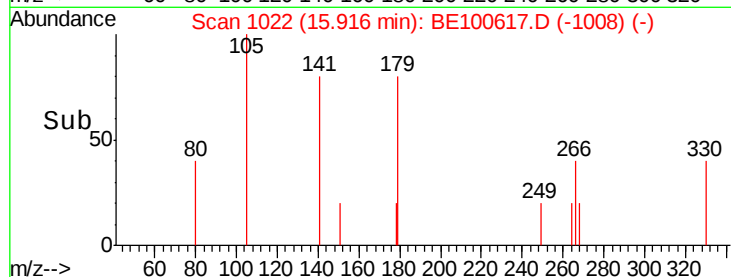
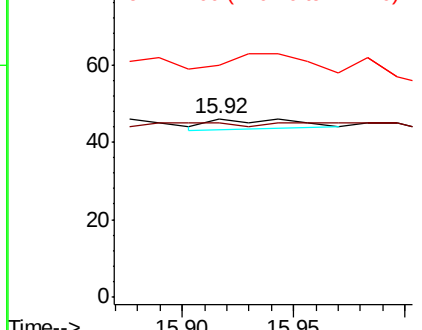


Abundance

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: 0.002 ng
 RT: 13.09 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BE100617.D
 Acq: 8 Oct 2019 20:18

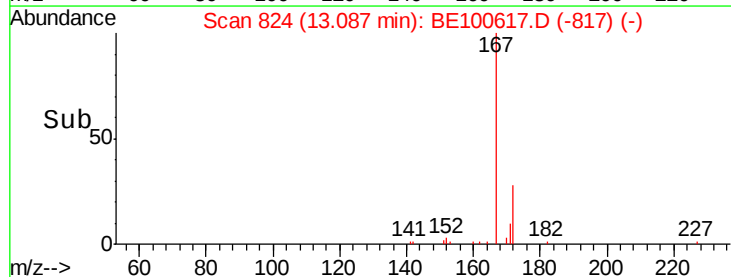
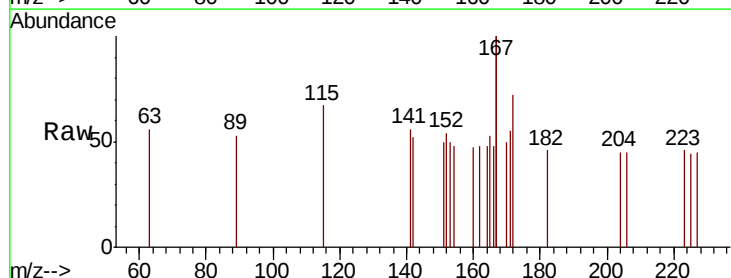
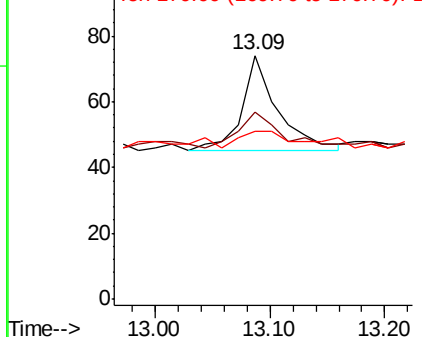
Tgt Ion	Ratio	Lower	Upper
172	100		
171	77.0	28.7	43.1#
170	68.9	19.8	29.8#

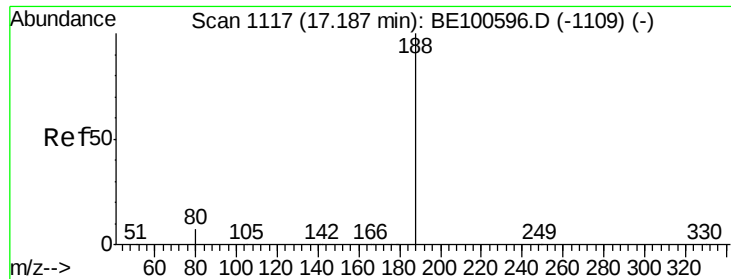
Abundance

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





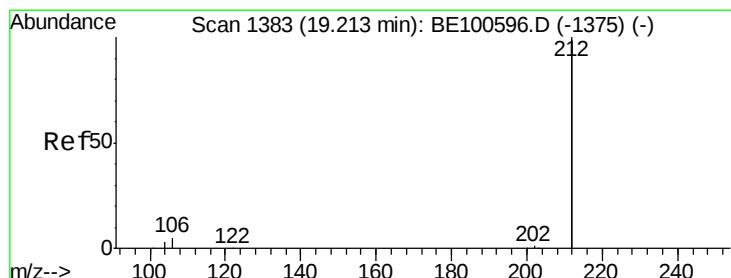
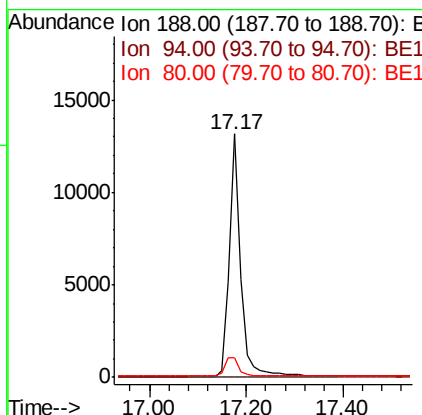
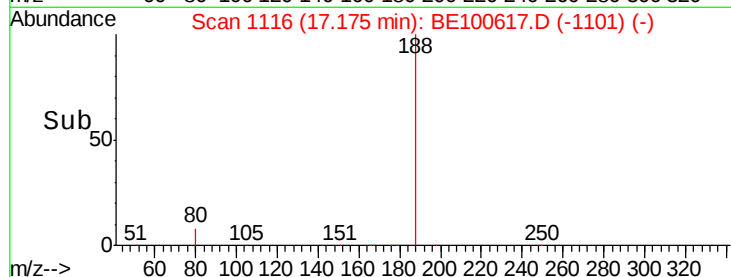
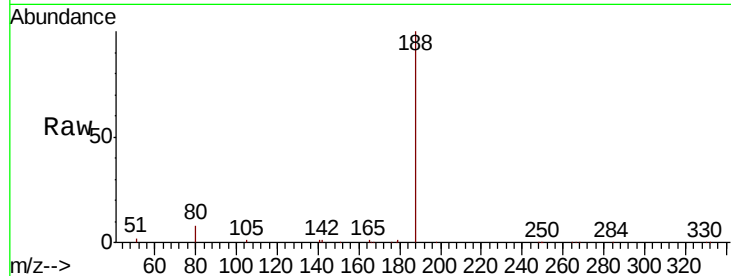
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.17 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE100617.D
Acq: 8 Oct 2019 20:18

Instrument :
BNA_E
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MW-1DL

Tot Ion:	188	Resp:	21613
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	8.3	6.2	9.2

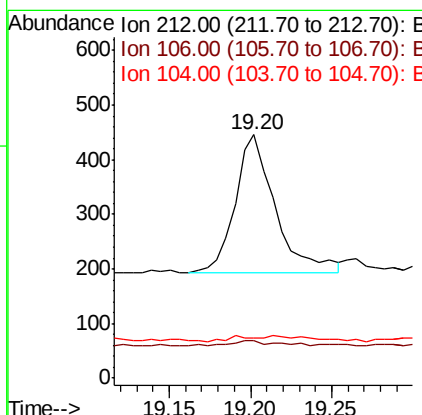
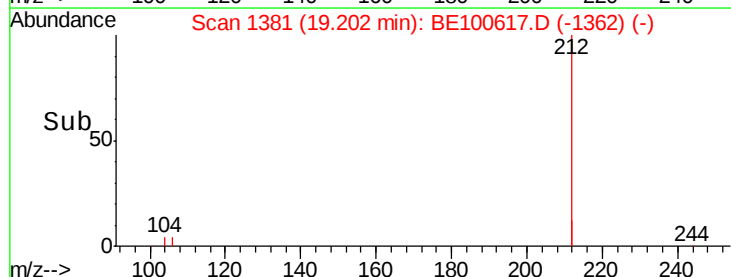
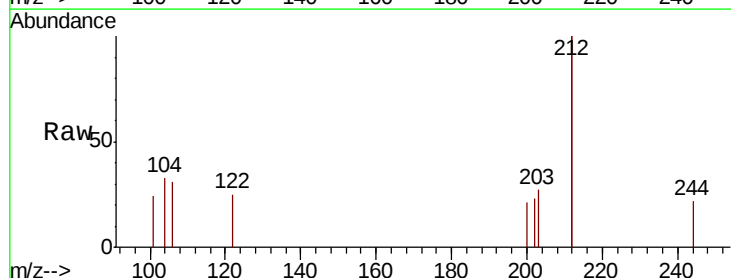
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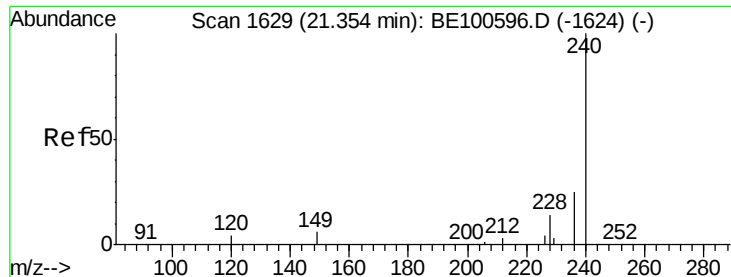
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#25
Fluoranthene-d10
Concen: 0.002 ng
RT: 19.20 min Scan# 1381
Delta R.T. 0.01 min
Lab File: BE100617.D
Acq: 8 Oct 2019 20:18

Tgt Ion:	212	Resp:	441
Ion Ratio	Lower	Upper	
212	100		
106	3.4	2.3	3.5
104	5.0	1.3	1.9#





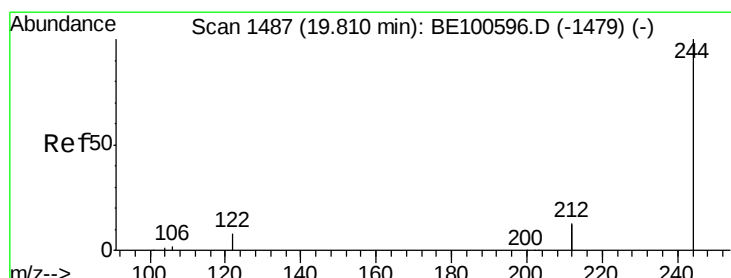
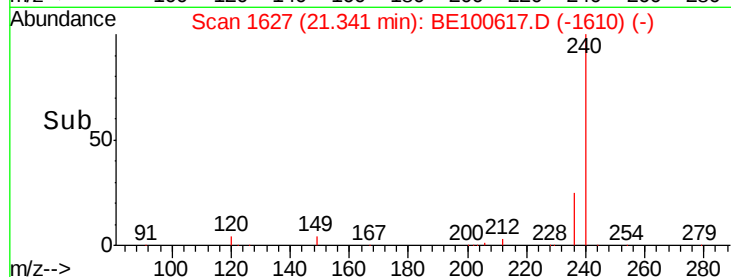
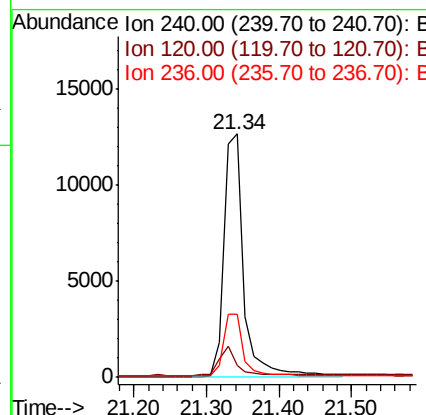
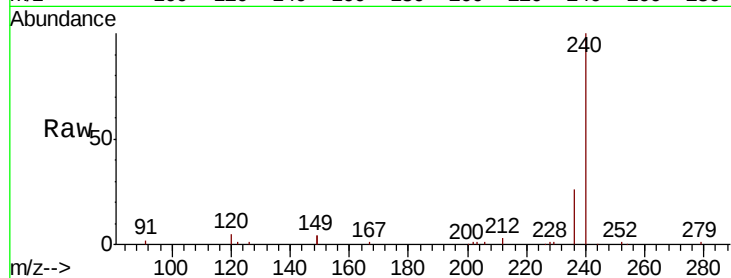
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.34 min Scan# 1627
Delta R.T. 0.01 min
Lab File: BE100617.D
Acq: 8 Oct 2019 20:18

Instrument :
BNA_E
ClientSampleId :
MW-1DL

Tot Ion	Ratio	Lower	Upper
240	100		
120	4.8	3.6	5.4
236	25.9	20.5	30.7

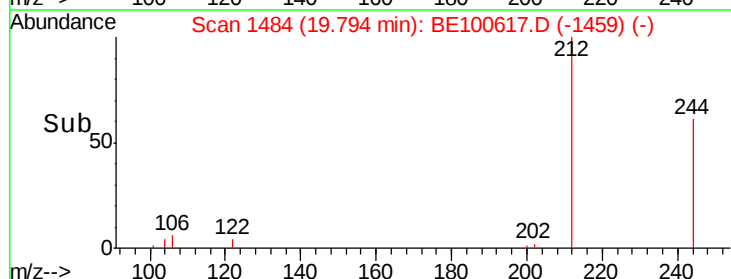
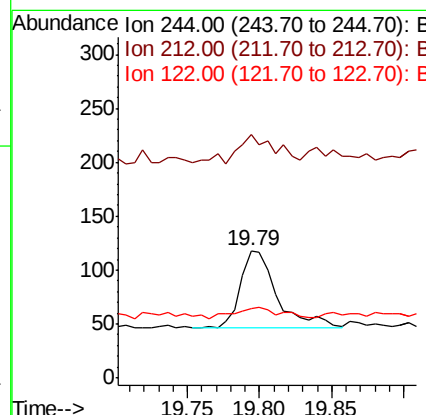
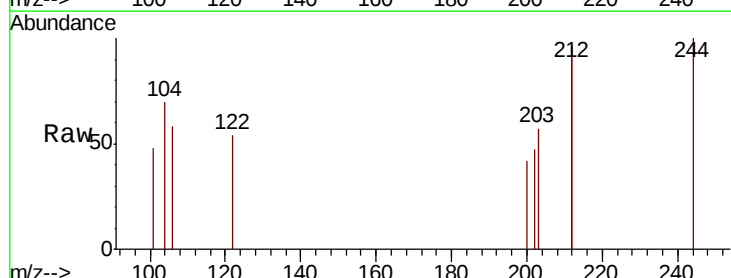
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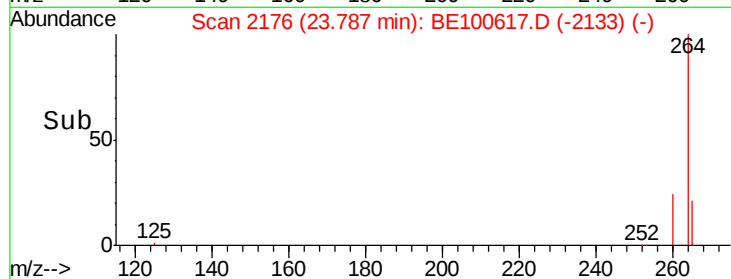
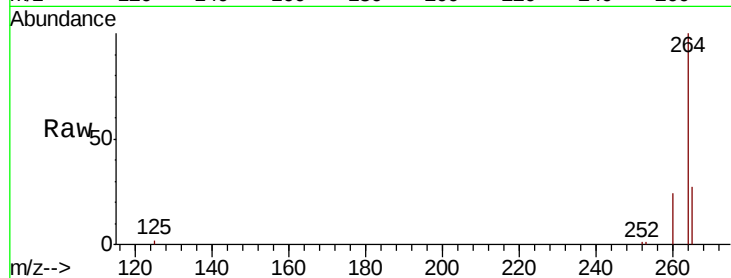
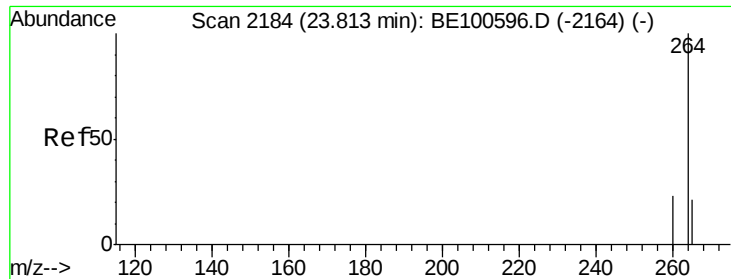
mohammad
10/12/2019 7:35:31 AM



#29
Terphenyl-d14
Concen: 0.002 ng
RT: 19.79 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BE100617.D
Acq: 8 Oct 2019 20:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	191.5	20.6	31.0#
122	54.2	6.5	9.7#





#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.79 min Scan# 2176
Delta R.T. 0.00 min
Lab File: BE100617.D
Acq: 8 Oct 2019 20:18

Instrument :
BNA_E
ClientSampleId :
MW-1DL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.0	28.4
265	27.2	20.9	31.3

Manual Integrations
APPROVED

mohammad
10/12/2019 7:35:31 AM

