

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062019\
 Data File : BE100125.D
 Acq On : 21 Jun 2019 2:05
 Operator : JU/SJ
 Sample : K3309-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY032MW006-190610

Manual Integrations
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mohammad
 6/21/2019 10:01:12 PM

Quant Time: Jun 21 14:40:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 19 15:07:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	1438	0.40	ng	-0.01
7) Naphthalene-d8	10.51	136	18235	0.40	ng	-0.03
13) Acenaphthene-d10	14.43	164	2662	0.40	ng	0.01
19) Phenanthrene-d10	17.16	188	10199	0.40	ng	0.00
27) Chrysene-d12	21.35	240	12238	0.40	ng	0.01
34) Perylene-d12	23.84	264	13935	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	586	0.20	ng	0.00
5) Phenol-d6	6.93	99	569	0.14	ng	0.00
8) Nitrobenzene-d5	8.90	82	2148m	0.12	ng	-0.01
11) 2-Methylnaphthalene-d10	12.15	152	3259	0.09	ng	0.00
14) 2,4,6-Tribromophenol	15.92	330	986	0.67	ng	0.00
15) 2-Fluorobiphenyl	13.04	172	7285m	0.70	ng	0.00
25) Fluoranthene-d10	19.20	212	41205	0.28	ng	0.00
29) Terphenyl-d14	19.80	244	10813	0.44	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.21	88	4415555	1913.780	ng	Qvalue # 89
6) bis(2-Chloroethyl)ether	7.17	93	1090039	257.815	ng	# 90
9) Naphthalene	10.59	128	1604877	8.099	ng	# 98
12) 2-Methylnaphthalene	12.22	142	33935	1.041	ng	# 86
18) Fluorene	15.46	166	1016	0.097	ng	# 91
24) Anthracene	17.28	178	950	0.046	ng	# 62
26) Fluoranthene	19.22	202	1749	0.045	ng	# 66
32) Bis(2-ethylhexyl)phthalate	21.26	149	92526	2.693	ng	100

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

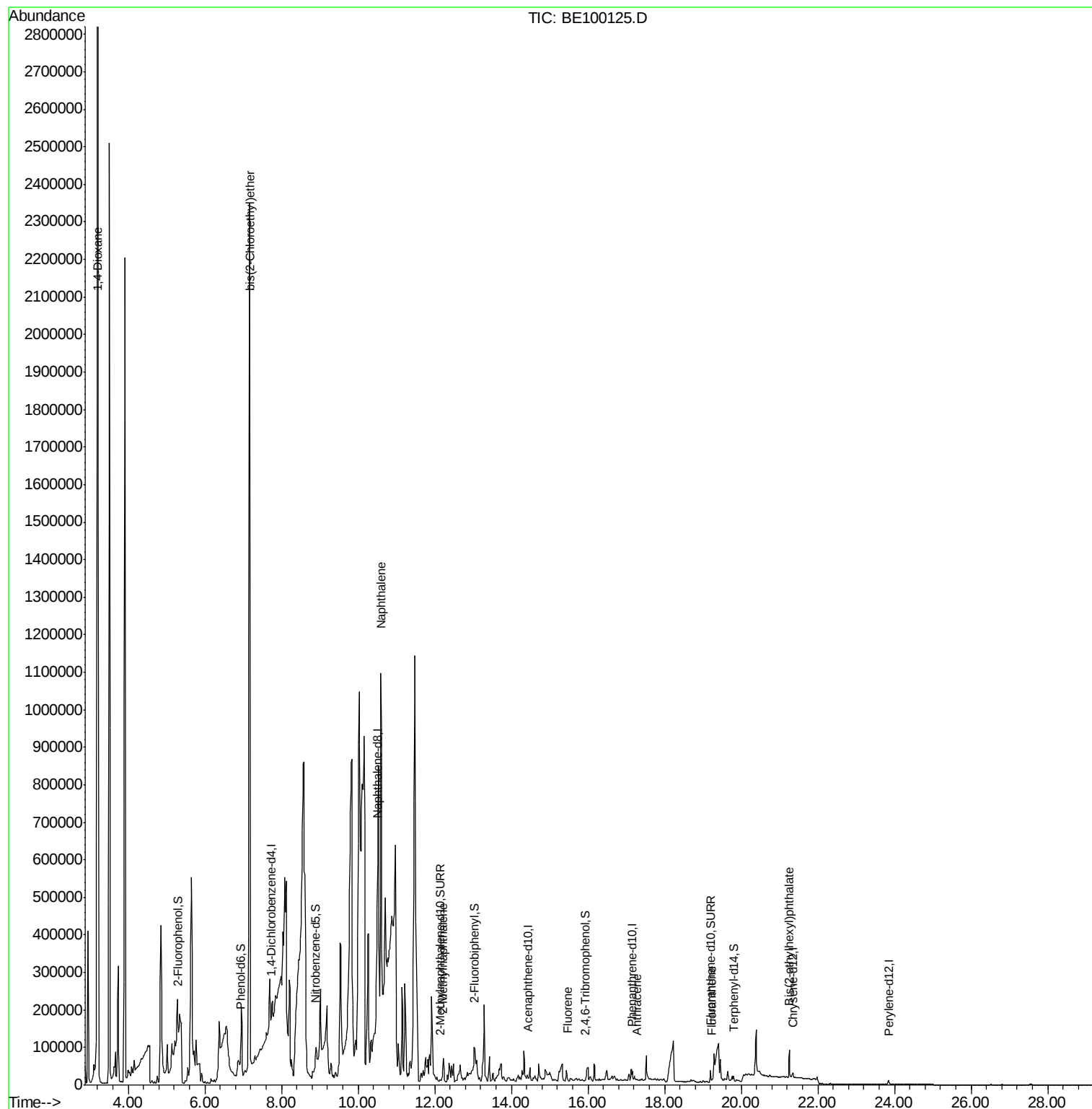
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062019\
Data File : BE100125.D
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Operator : JU/SJ
Sample : K3309-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

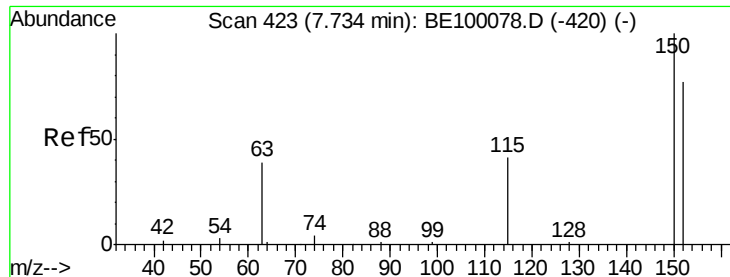
Instrument :
BNA_E
ClientSampleId :
KY032MW006-190610

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

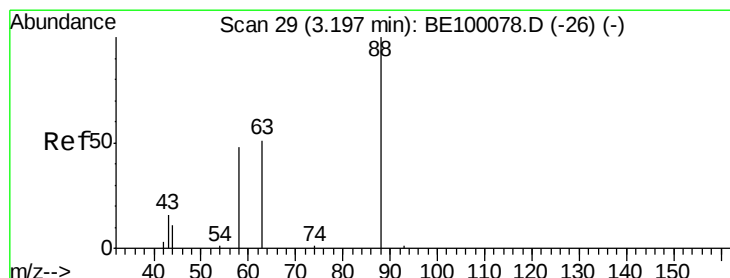
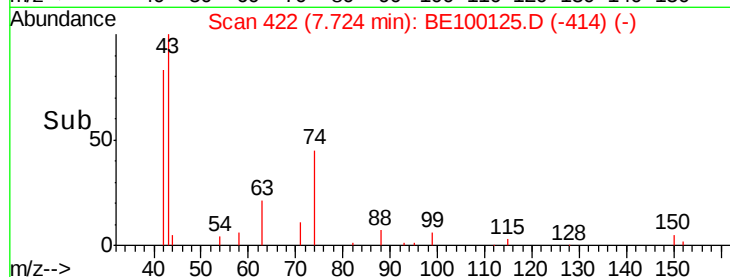
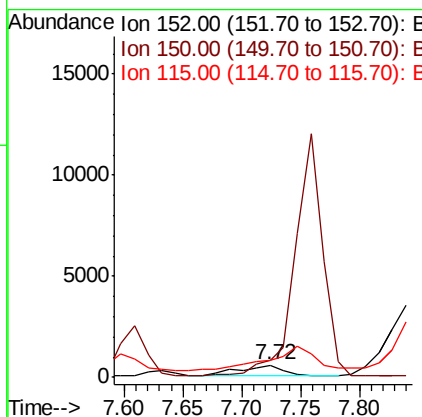
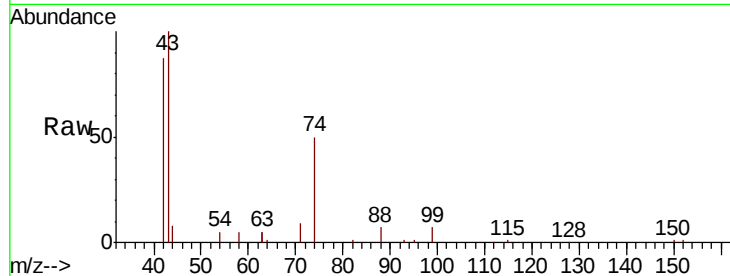
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE100125.D
Acq: 21 Jun 2019 2:05

Instrument :
BNA_E
ClientSampleId :
KY032MW006-190610

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.4	99.8	149.8
115	137.5	51.3	76.9

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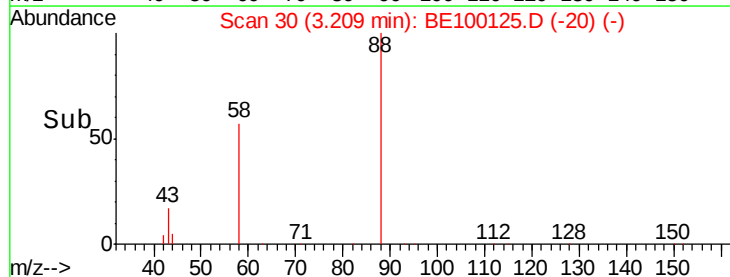
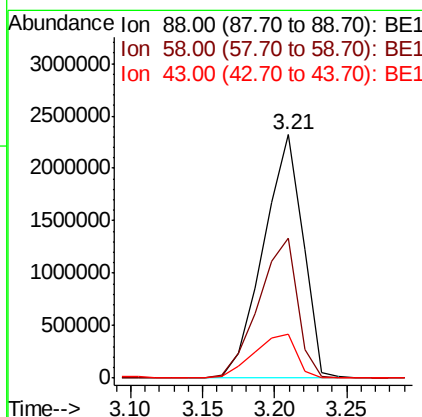
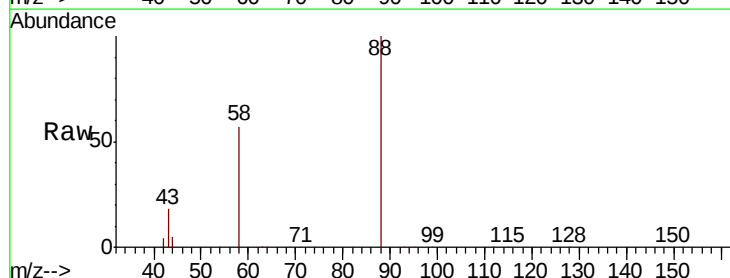
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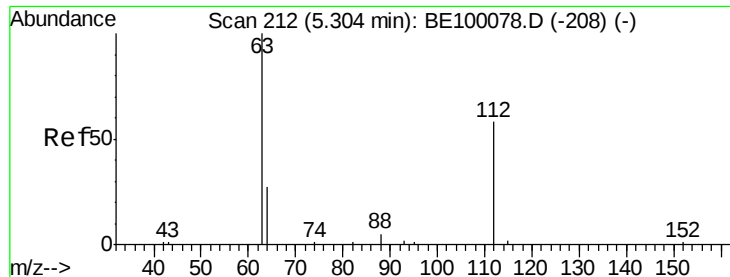


#2

1,4-Dioxane
Concen: 1913.780 ng
RT: 3.21 min Scan# 30
Delta R.T. 0.01 min
Lab File: BE100125.D
Acq: 21 Jun 2019 2:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.6	51.1	76.7
43	19.6	21.7	32.5





#4

2-Fluorophenol

Concen: 0.196 ng

RT: 5.31 min Scan# 212

Delta R.T. 0.00 min

Lab File: BE100125.D

Acq: 21 Jun 2019 2:05

Instrument :

BNA_E

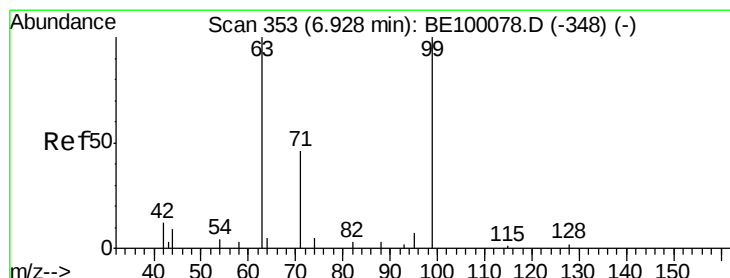
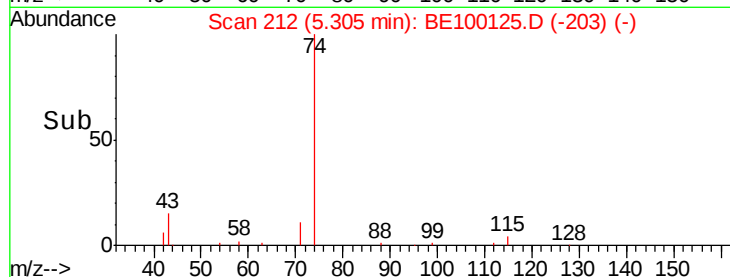
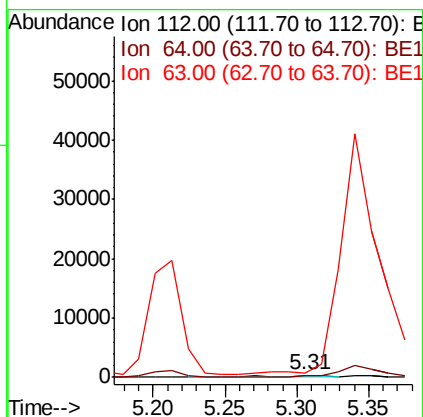
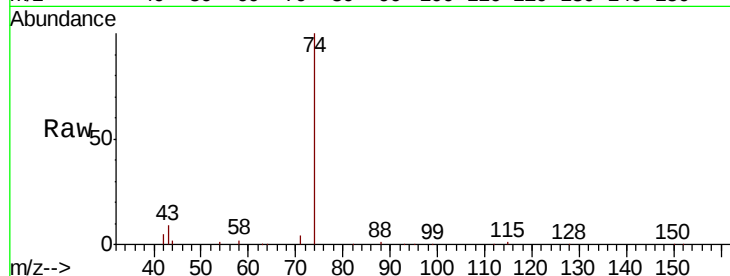
ClientSampleId :

KY032MW006-190610

Tot Ion:	112	Resp:	586
Ion Ratio	Lower	Upper	
112	100		
64	0.0	22.0	33.0#
63	0.0	121.8	182.6#

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#5

Phenol-d6

Concen: 0.139 ng

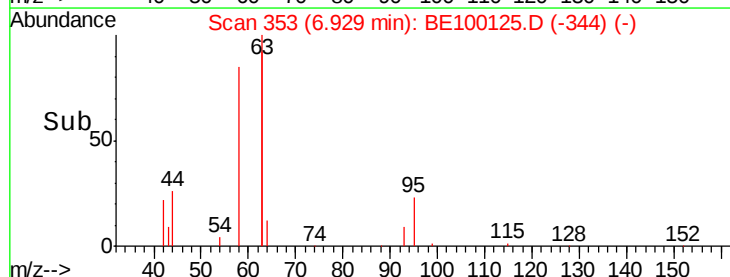
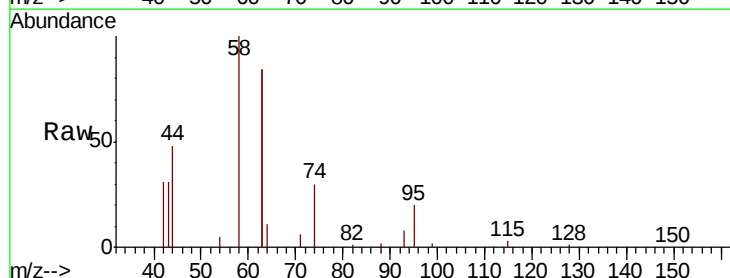
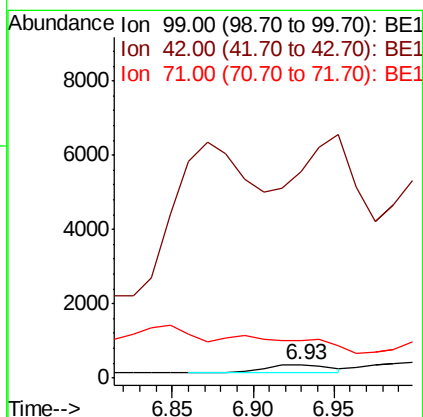
RT: 6.93 min Scan# 353

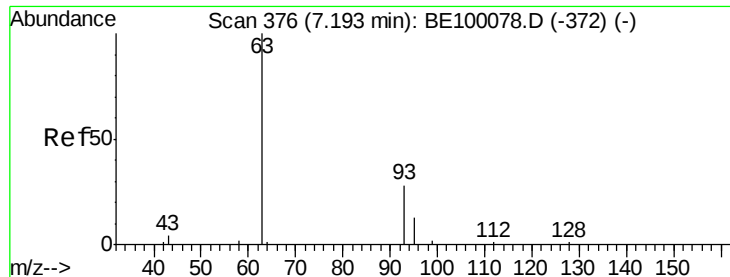
Delta R.T. 0.00 min

Lab File: BE100125.D

Acq: 21 Jun 2019 2:05

Tgt Ion:	99	Resp:	569
Ion Ratio	Lower	Upper	
99	100		
42	0.0	0.0	0.0
71	0.0	37.6	56.4#





#6

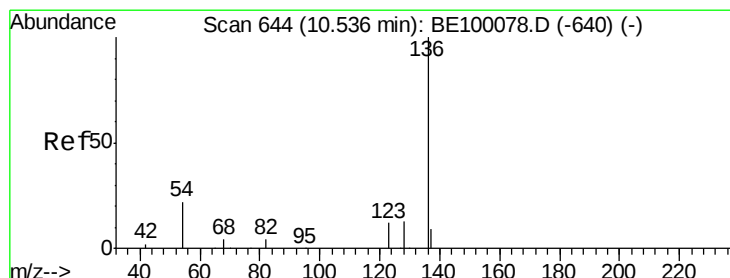
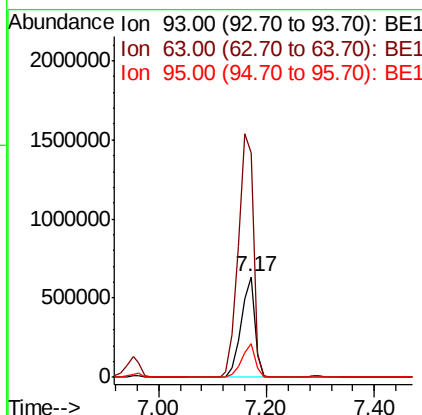
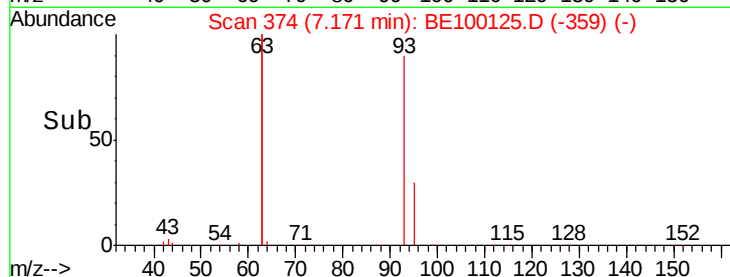
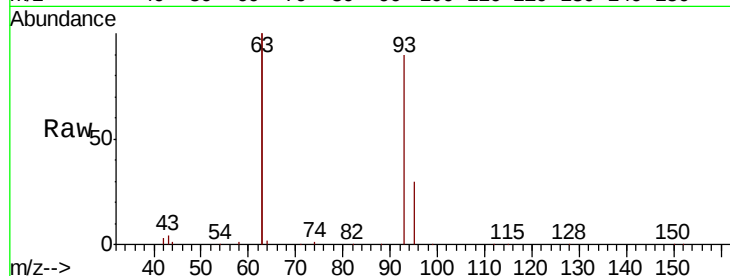
bis(2-Chloroethyl)ether
Concen: 257.815 ng
RT: 7.17 min Scan# 374
Delta R.T. -0.02 min
Lab File: BE100125.D
Acq: 21 Jun 2019 2:05

Instrument :
BNA_E
ClientSampleId :
KY032MW006-190610

Tot Ion	Ratio	Lower	Upper
93	100		
63	268.9	200.0	300.0
95	32.7	24.0	36.0

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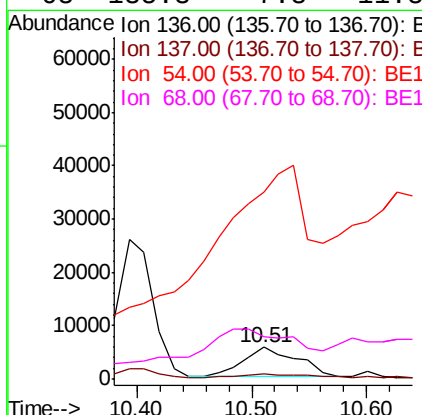
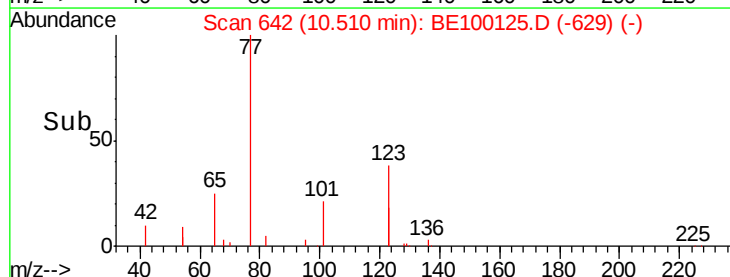
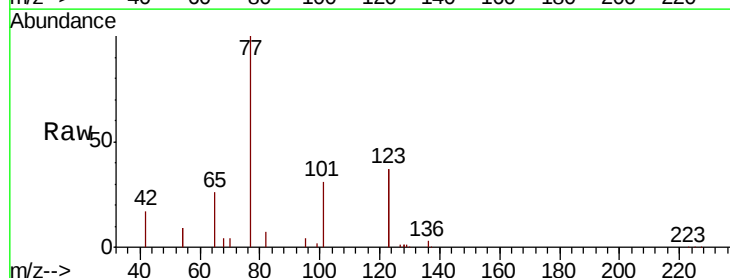
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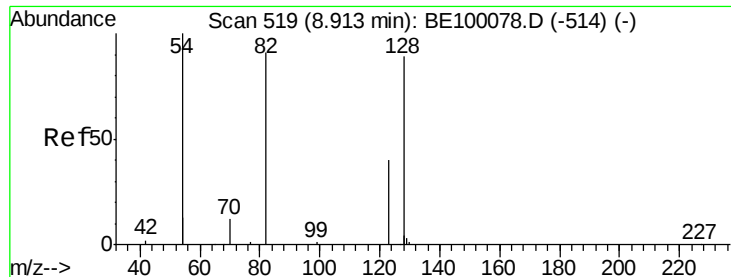


#7

Naphthalene-d8
Concen: 0.400 ng
RT: 10.51 min Scan# 642
Delta R.T. -0.03 min
Lab File: BE100125.D
Acq: 21 Jun 2019 2:05

Tgt Ion	Ratio	Lower	Upper
136	100		
137	14.8	11.6	17.4
54	590.0	33.9	50.9#
68	135.3	7.8	11.8#





#8

Nitrobenzene-d5

Concen: 0.121 ng/ml

RT: 8.90 min Scan# 518

Delta R.T. -0.01 min

Lab File: BE100125.D

Acq: 21 Jun 2019 2:05

Instrument :

BNA_E

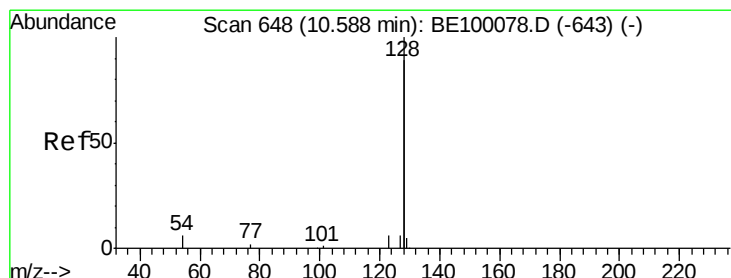
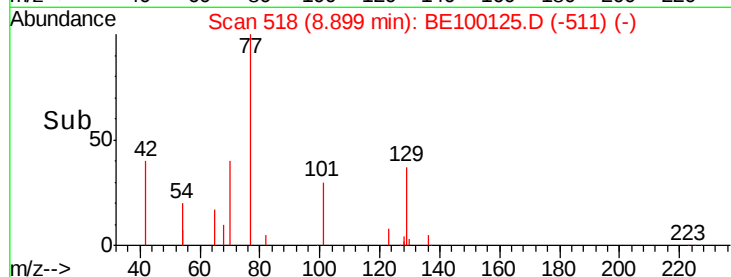
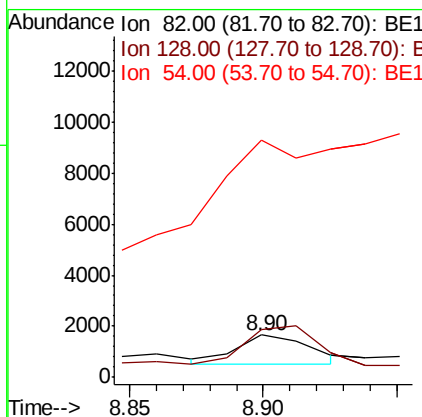
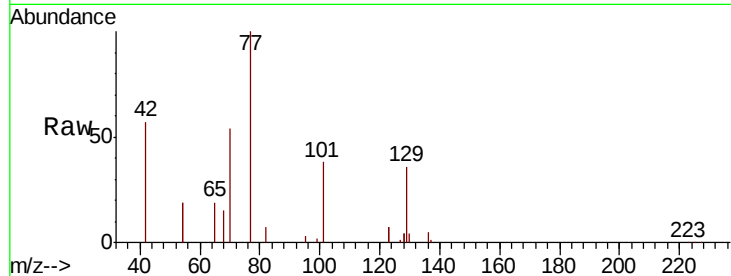
ClientSampleId :

KY032MW006-190610

Tot Ion	Ratio	Lower	Upper
82	100		
128	57.2	128.0	192.0#
54	282.7	143.4	215.0#

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#9

Naphthalene

Concen: 8.099 ng

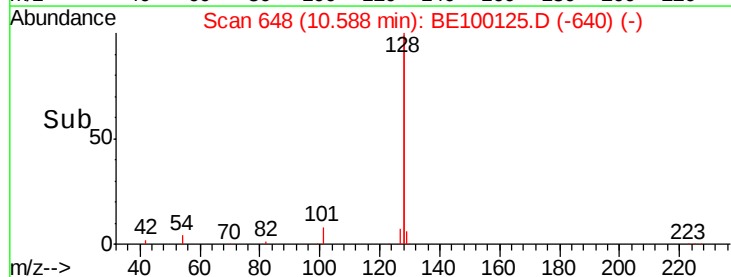
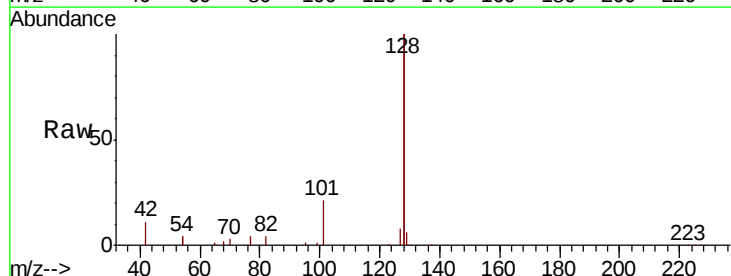
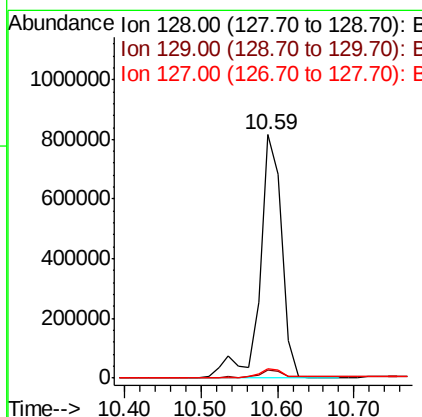
RT: 10.59 min Scan# 648

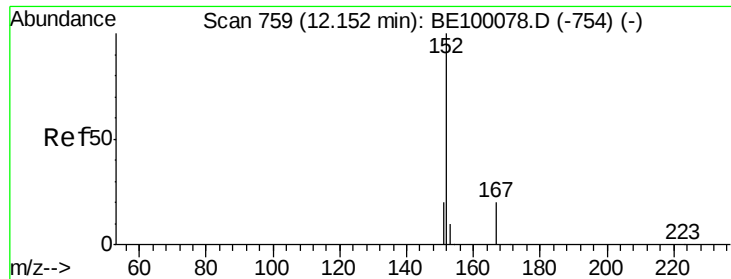
Delta R.T. -0.00 min

Lab File: BE100125.D

Acq: 21 Jun 2019 2:05

Tgt Ion	Ratio	Lower	Upper
128	100		
129	3.1	3.1	4.7#
127	3.8	3.4	5.2





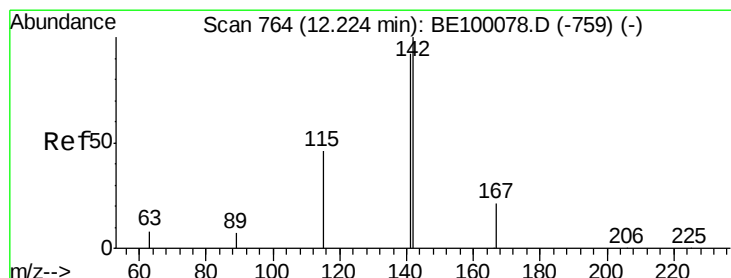
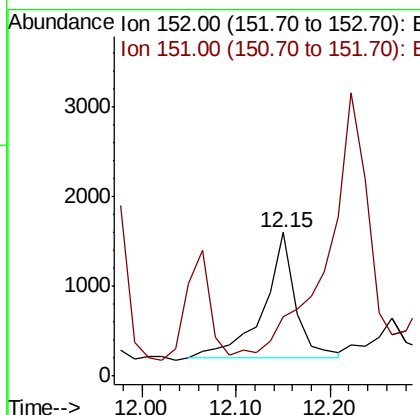
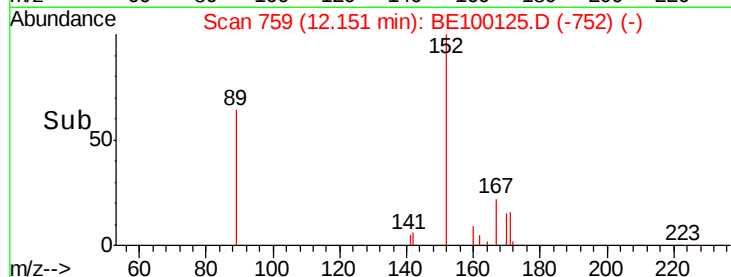
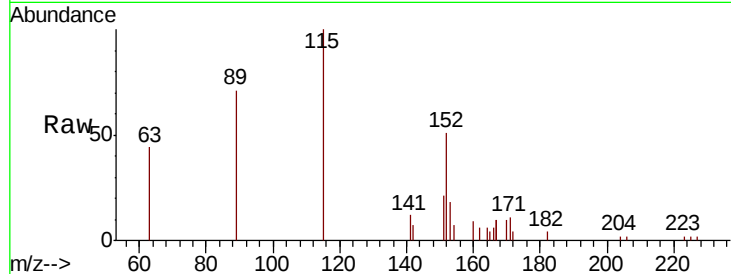
#11
2-Methylnaphthalene-d10
Concen: 0.094 ng
RT: 12.15 min Scan# 759
Delta R.T. -0.00 min
Lab File: BE100125.D
Acq: 21 Jun 2019 2:05

Instrument :
BNA_E
ClientSampleId :
KY032MW006-190610

Tot Ion:152 Resp: 3259
Ion Ratio Lower Upper
152 100
151 0.0 16.3 24.5#

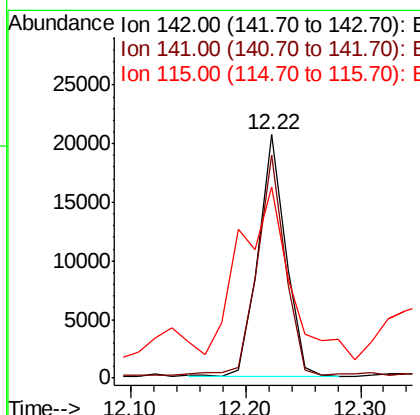
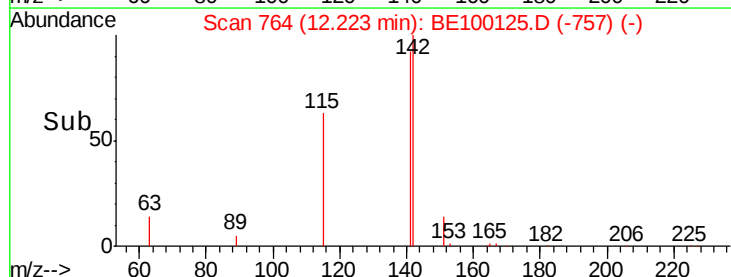
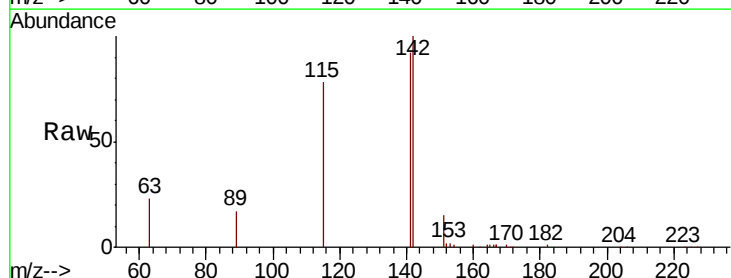
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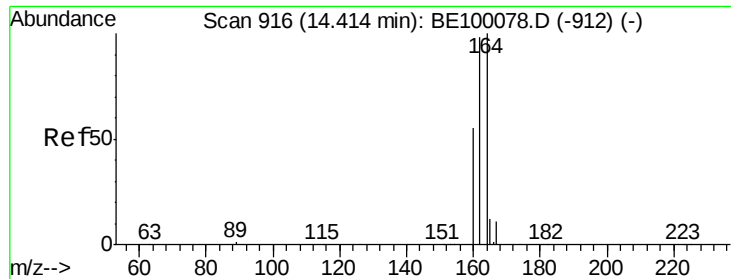
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#12
2-Methylnaphthalene
Concen: 1.041 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE100125.D
Acq: 21 Jun 2019 2:05

Tgt Ion:142 Resp: 33935
Ion Ratio Lower Upper
142 100
141 91.8 74.1 111.1
115 78.3 40.9 61.3#





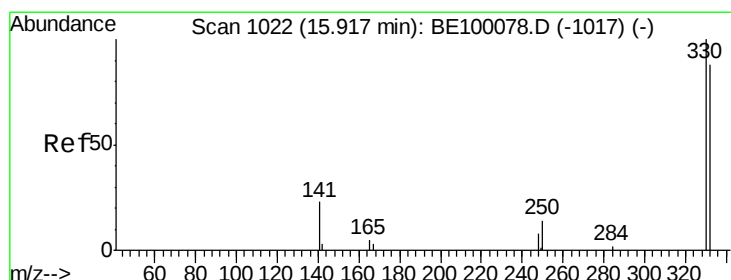
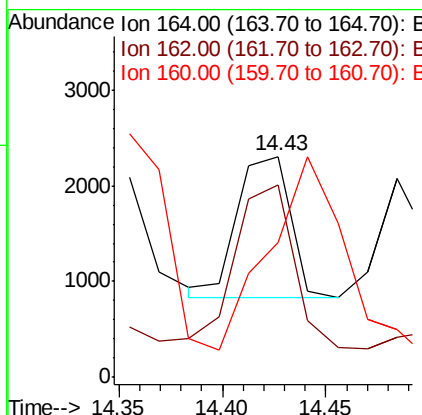
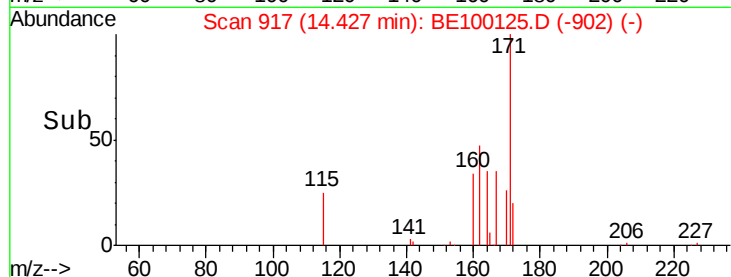
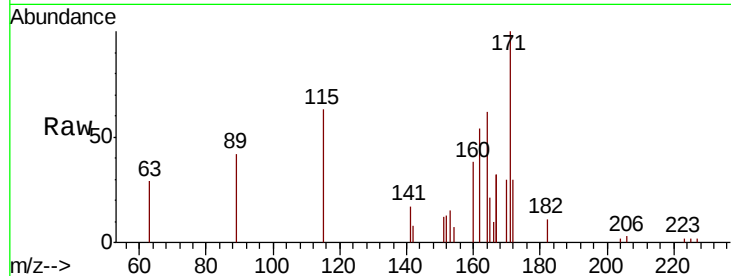
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.43 min Scan# 917
 Delta R.T. 0.01 min
 Lab File: BE100125.D
 Acq: 21 Jun 2019 2:05

Instrument :
 BNA_E
 ClientSampleId :
 KY032MW006-190610

Tot Ion	Ratio	Lower	Upper
164	100		
162	87.3	78.2	117.2
160	60.9	45.6	68.4

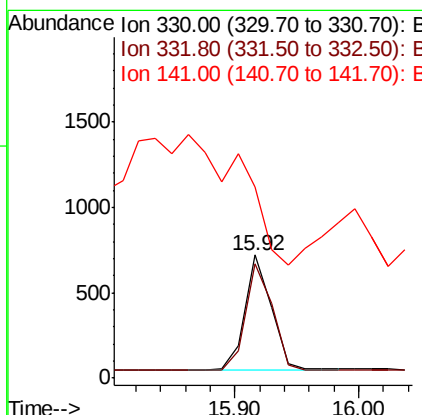
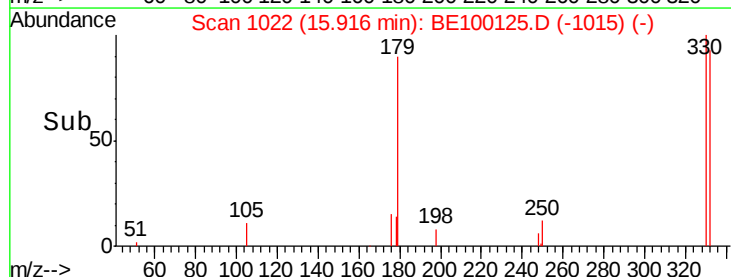
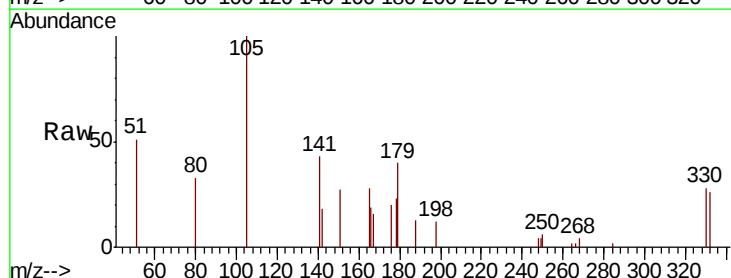
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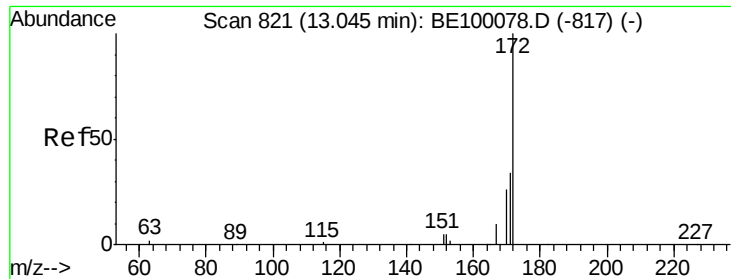
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#14
 2,4,6-Tribromophenol
 Concen: 0.671 ng
 RT: 15.92 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BE100125.D
 Acq: 21 Jun 2019 2:05

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	73.3	109.9
141	0.0	22.2	33.2#





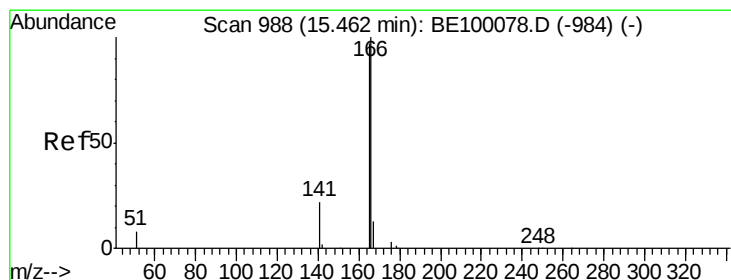
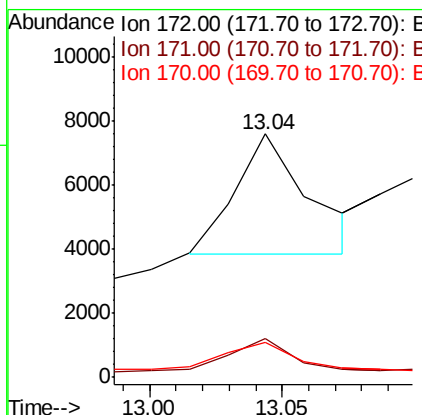
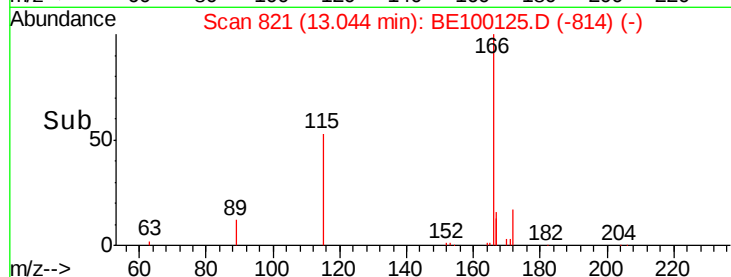
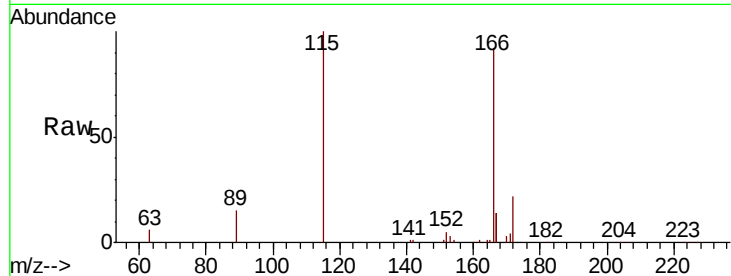
#15
2-Fluorobiphenyl
Concen: 0.696 ng/mL
RT: 13.04 min Scan# 821
Delta R.T. -0.00 min
Lab File: BE100125.D
Acq: 21 Jun 2019 2:05

Instrument :
BNA_E
ClientSampleID :
KY032MW006-190610

Tot Ion	Ratio	Lower	Upper
172	100		
171	16.1	29.8	44.8#
170	14.4	23.2	34.8#

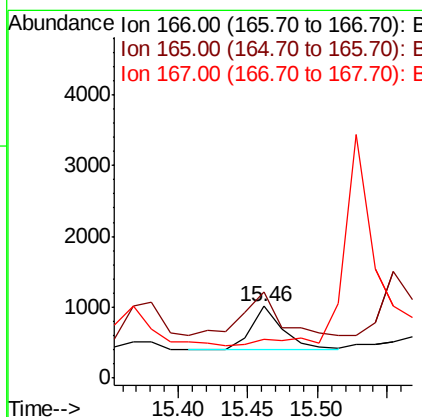
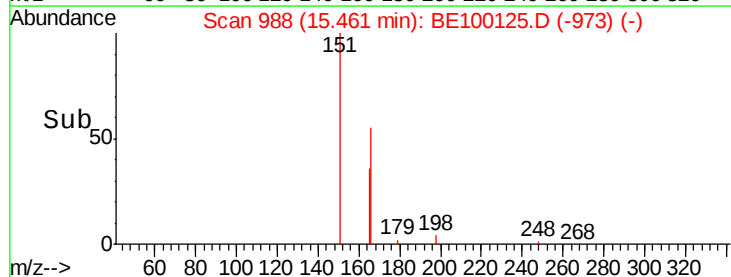
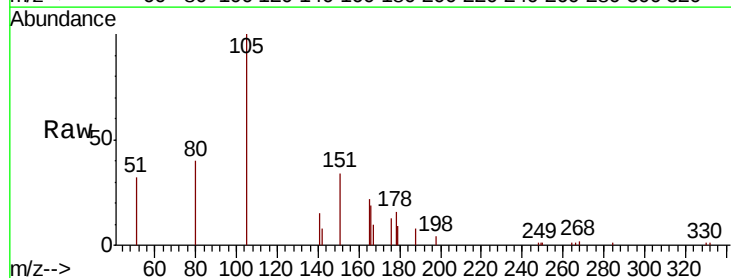
Manual Integrations
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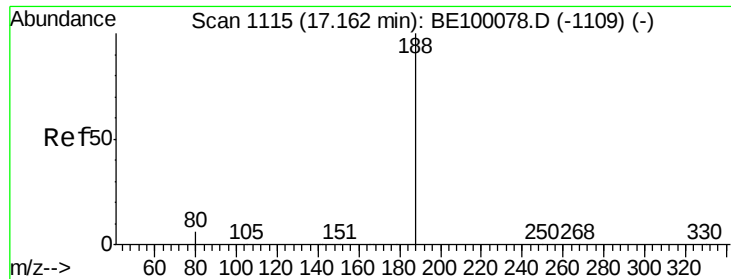
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#18
Fluorene
Concen: 0.097 ng/mL
RT: 15.46 min Scan# 988
Delta R.T. -0.00 min
Lab File: BE100125.D
Acq: 21 Jun 2019 2:05

Tgt Ion	Ratio	Lower	Upper
166	100		
165	105.8	79.8	119.8
167	0.0	10.2	15.4#





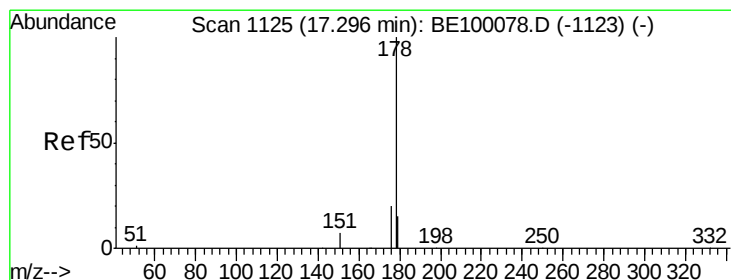
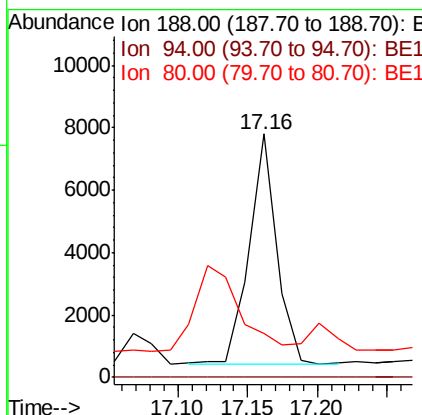
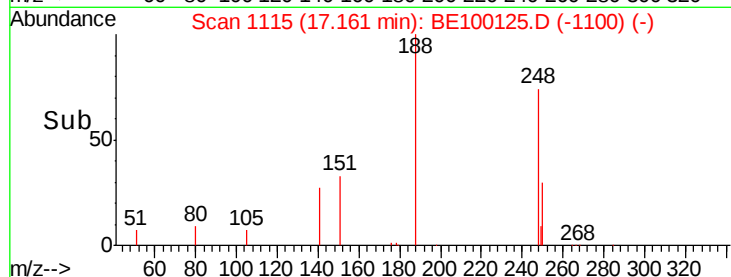
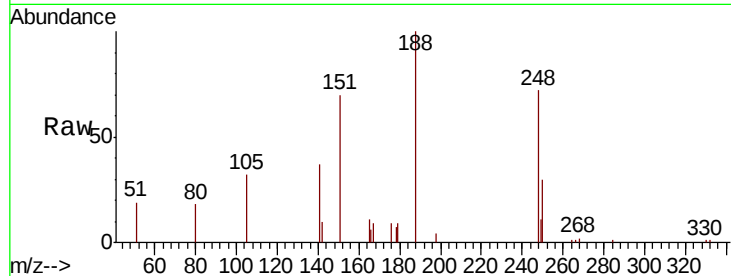
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.16 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE100125.D
Acq: 21 Jun 2019 2:05

Instrument :
BNA_E
ClientSampleId :
KY032MW006-190610

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	0.0	0.0	0.0
80	18.3	6.3	9.5#

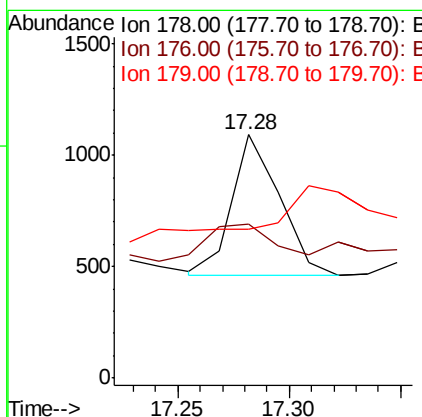
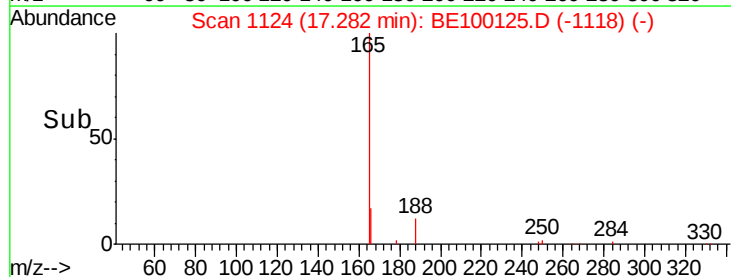
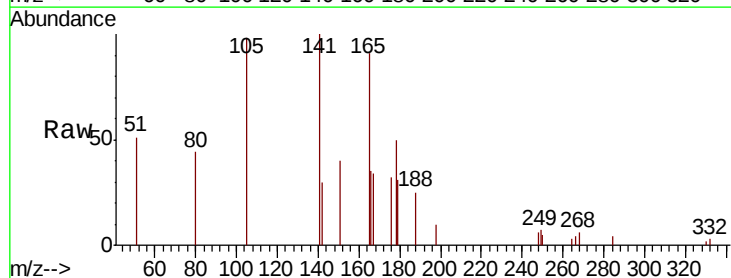
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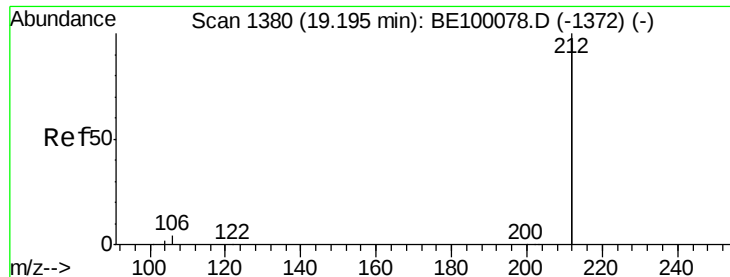
mohammad
6/21/2019 10:01:12 PM



#24
Anthracene
Concen: 0.046 ng
RT: 17.28 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BE100125.D
Acq: 21 Jun 2019 2:05

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	37.5	15.8	23.6#
179	0.0	12.0	18.0#





#25

Fluoranthene-d10

Concen: 0.283 ng

RT: 19.20 min Scan# 1380

Delta R.T. 0.00 min

Lab File: BE100125.D

Acq: 21 Jun 2019 2:05

Instrument :

BNA_E

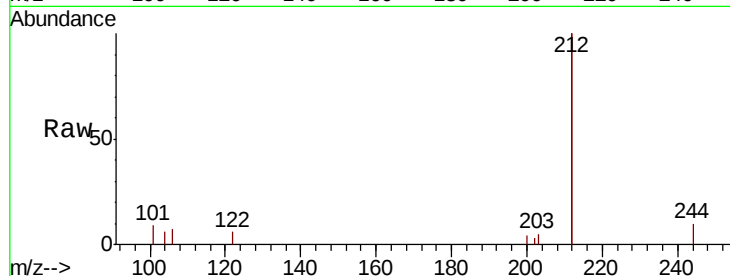
ClientSampleId :

KY032MW006-190610

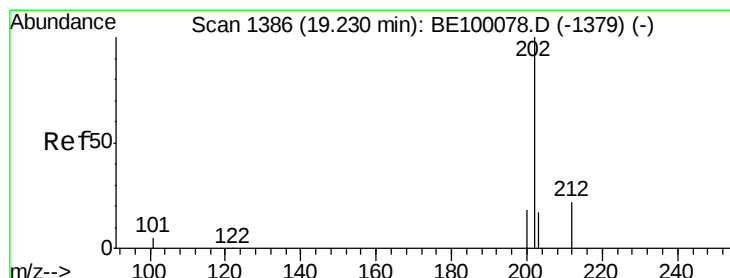
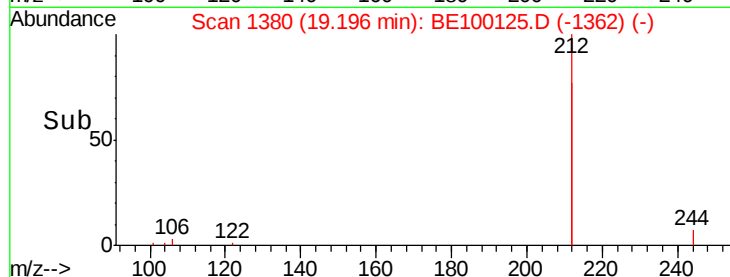
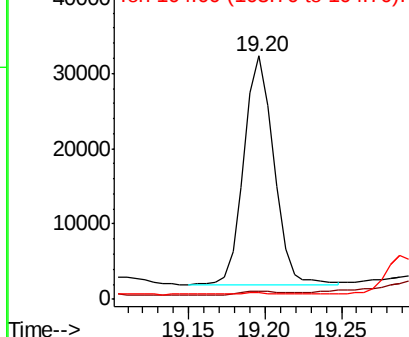
Tot Ion	Ratio	Lower	Upper
212	100		
106	2.4	1.4	2.0#
104	0.8	0.8	1.2#

Manual Integrations
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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



#26

Fluoranthene

Concen: 0.045 ng

RT: 19.22 min Scan# 1385

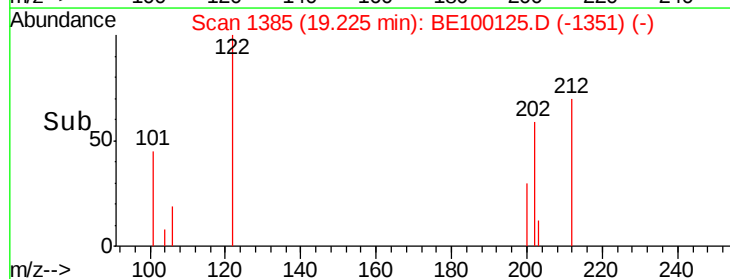
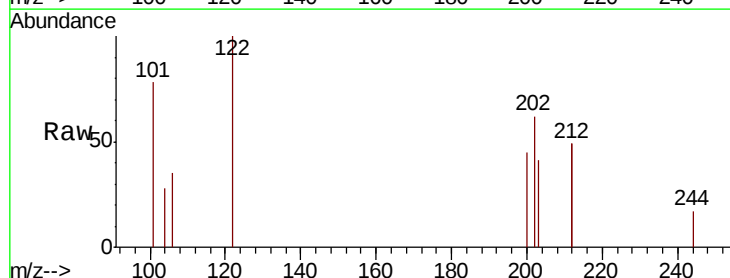
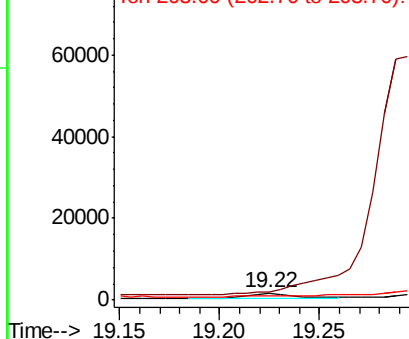
Delta R.T. -0.01 min

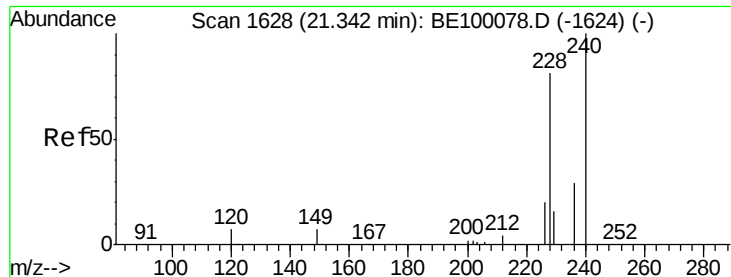
Lab File: BE100125.D

Acq: 21 Jun 2019 2:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	0.0	5.0	7.4#
203	0.0	13.7	20.5#

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





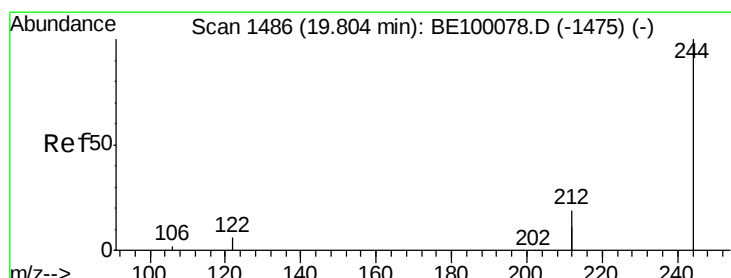
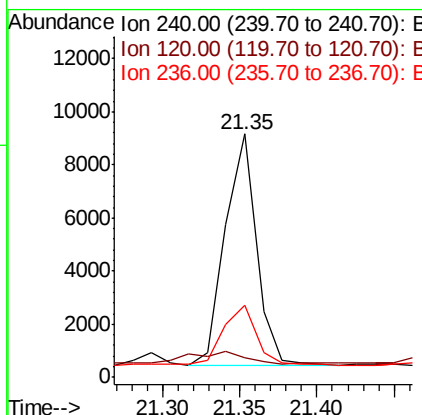
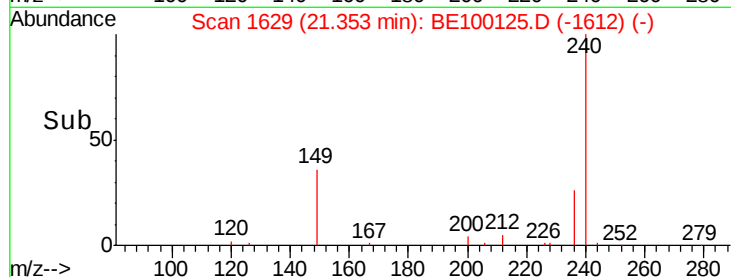
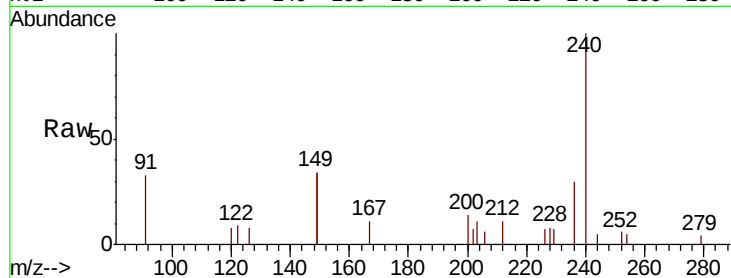
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.35 min Scan# 1629
 Delta R.T. 0.01 min
 Lab File: BE100125.D
 Acq: 21 Jun 2019 2:05

Instrument :
 BNA_E
 ClientSampleId :
 KY032MW006-190610

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.9	6.6	10.0
236	29.8	23.8	35.6

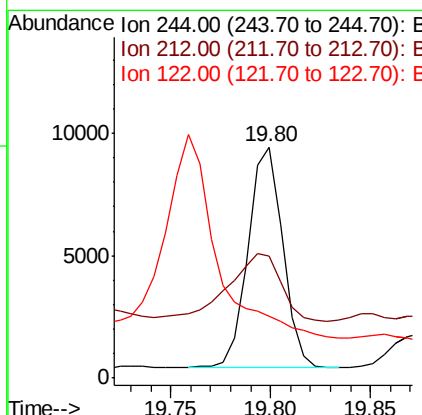
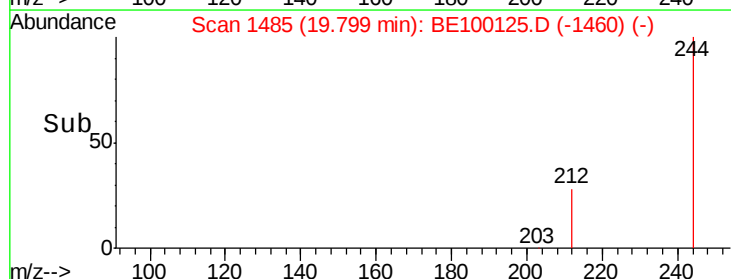
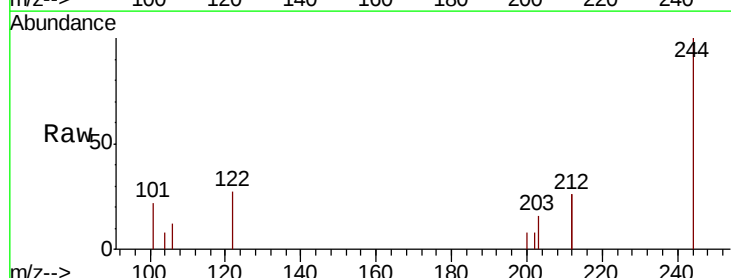
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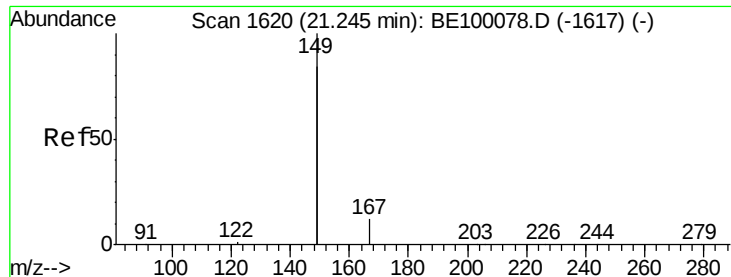
mohammad
 6/21/2019 10:01:12 PM



#29
 Terphenyl-d14
 Concen: 0.442 ng
 RT: 19.80 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: BE100125.D
 Acq: 21 Jun 2019 2:05

Tgt Ion	Ratio	Lower	Upper
244	100		
212	52.7	29.8	44.8#
122	26.8	6.1	9.1#





#32

Bis(2-ethylhexyl)phthalate

Concen: 2.693 ng

RT: 21.26 min Scan# 1621

Delta R.T. 0.01 min

Lab File: BE100125.D

Acq: 21 Jun 2019 2:05

Instrument :

BNA_E

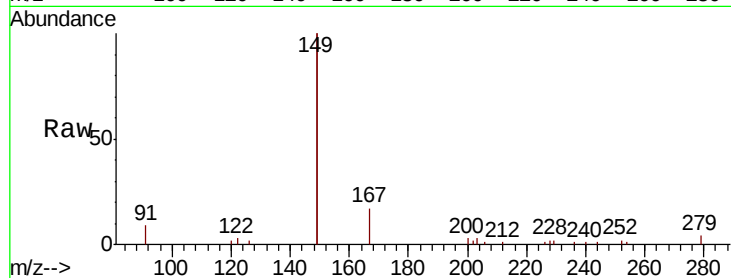
ClientSampleId :

KY032MW006-190610

Tot Ion:	149	Resp:	92526
Ion Ratio	Lower	Upper	
149	100		
167	7.2	5.8	8.6
279	1.4	1.1	1.7

Manual Integrations
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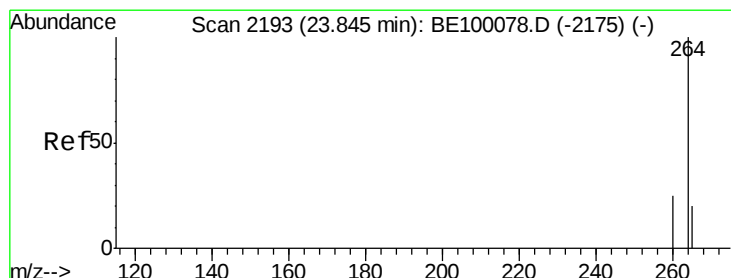
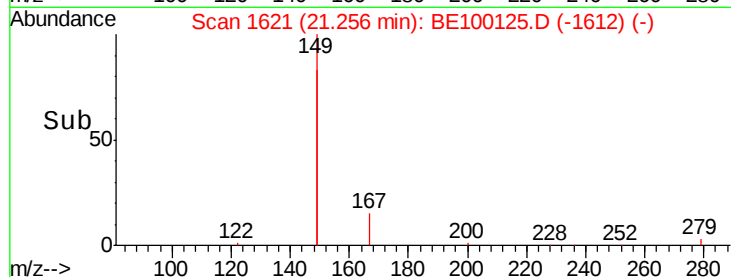
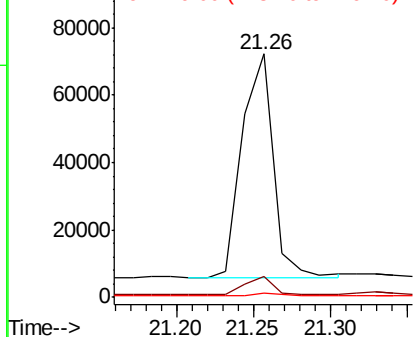


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.84 min Scan# 2193

Delta R.T. -0.00 min

Lab File: BE100125.D

Acq: 21 Jun 2019 2:05

Tgt Ion:	264	Resp:	13935
Ion Ratio	Lower	Upper	
264	100		
260	25.6	20.8	31.2
265	32.1	23.2	34.8

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

