

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051916\
 Data File : BE091826.D
 Acq On : 20 May 2016 1:05
 Operator : UM/SJ
 Sample : H3084-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LF001MW003-160512

Manual Integrations
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Quant Time: May 20 06:04:40 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 19 15:36:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	22790	5.00	ng	-0.02
7) Naphthalene-d8	10.57	136	120314	5.00	ng	0.00
13) Acenaphthene-d10	14.40	164	82964	5.00	ng	-0.01
19) Phenanthrene-d10	17.14	188	251095	5.00	ng	-0.01
26) Chrysene-d12	21.29	240	268538	5.00	ng	-0.02
35) Perylene-d12	23.73	264	238410	5.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	18591	3.12	ng	0.00
5) Phenol-d6	6.97	99	20702	2.47	ng	0.02
8) Nitrobenzene-d5	8.95	82	29650	3.72	ng	0.00
14) 2,4,6-Tribromophenol	15.89	330	31370	9.74	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	90531	3.86	ng	-0.01
29) Terphenyl-d14	19.74	244	178850	4.70	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.33	88	46584	18.83	ng	# 91
6) bis(2-Chloroethyl)ether	7.21	93	1588	0.24	ng	# 89
25) Fluoranthene	19.19	202	3130	0.05	ng	# 76
28) Pyrene	19.55	202	2793	0.05	ng	# 86
33) Bis(2-ethylhexyl)phthalate	21.20	149	15954	0.66	ng	# 83

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

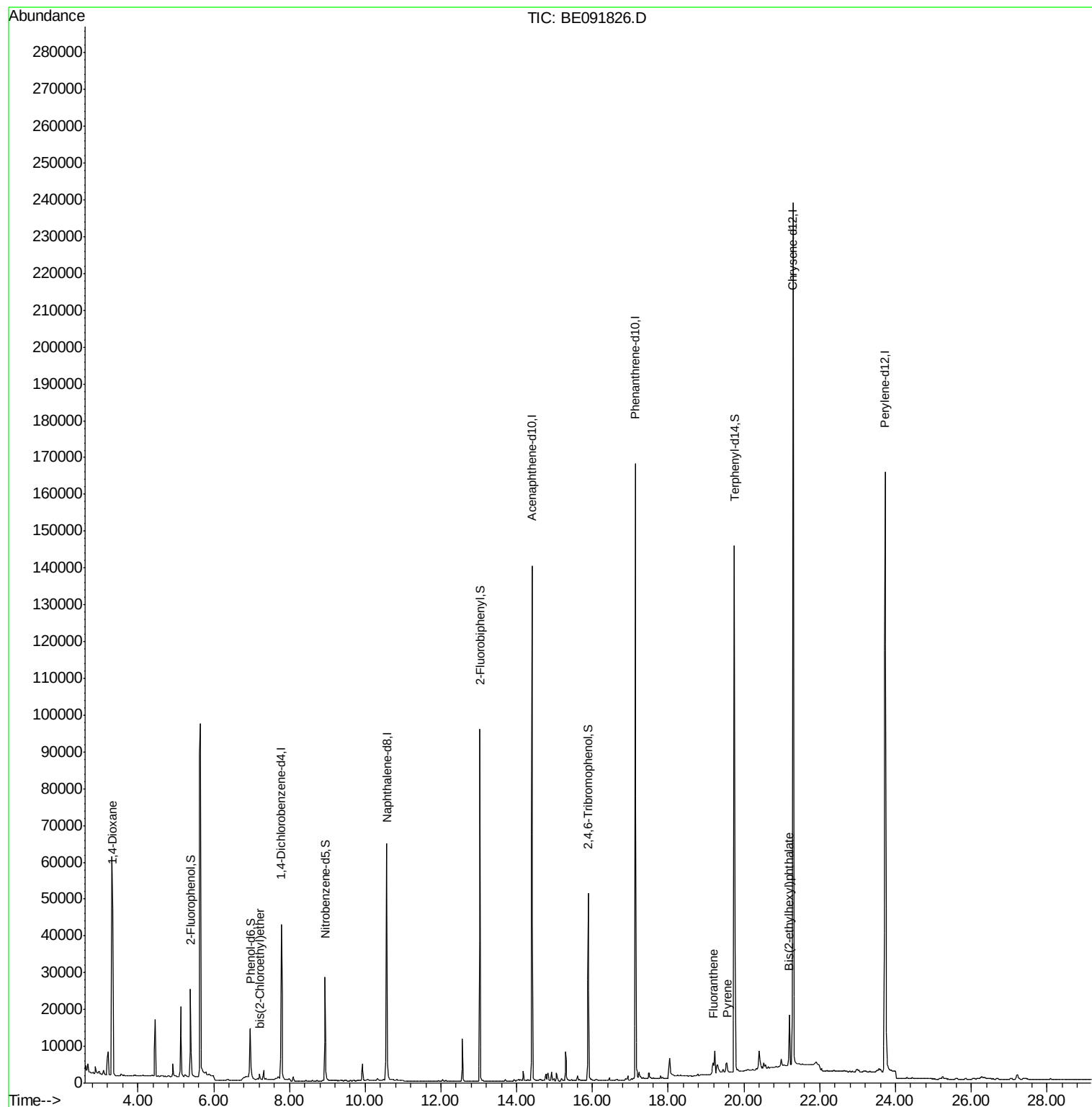
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051916\
Data File : BE091826.D
Acq On : 20 May 2016 1:05
Operator : UM/SJ
Sample : H3084-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

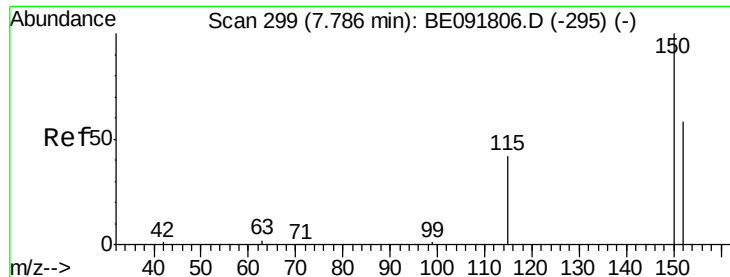
Instrument :
BNA_E
ClientSampleId :
LF001MW003-160512

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Quant Time: May 20 06:04:40 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 19 15:36:49 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.78 min Scan# 299

Delta R.T. -0.02 min

Lab File: BE091826.D

Acq: 20 May 2016 1:05

Instrument :

BNA_E

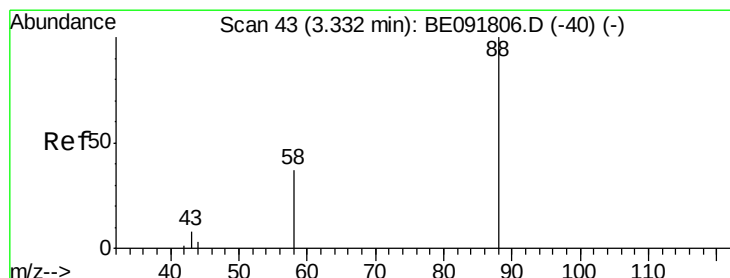
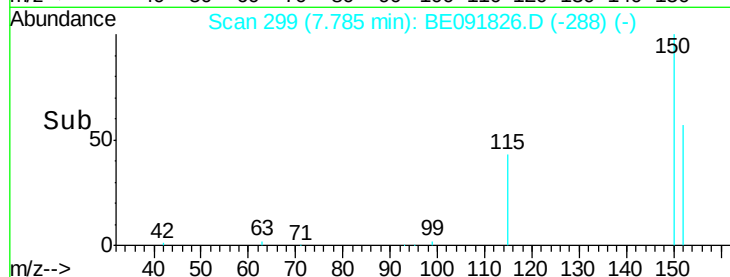
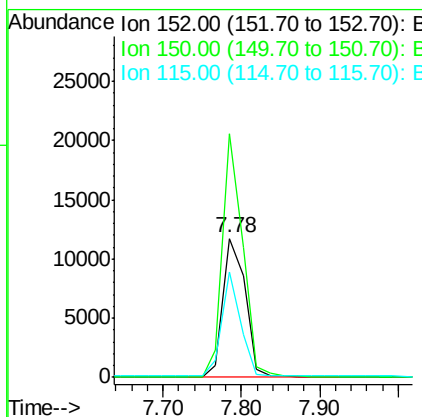
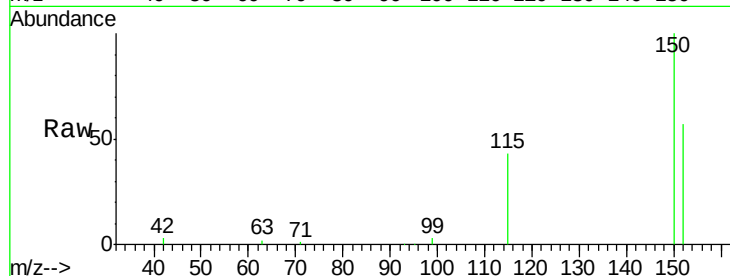
ClientSampleId :

LF001MW003-160512

Tgt Ion	Ratio	Lower	Upper
152	100		
150	175.3	122.6	183.8
115	76.1	52.8	79.2

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#2

1,4-Dioxane

Concen: 18.83 ng

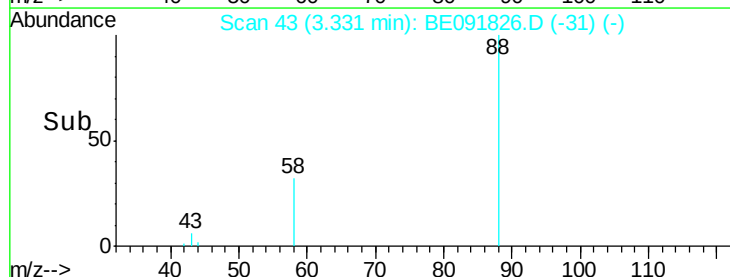
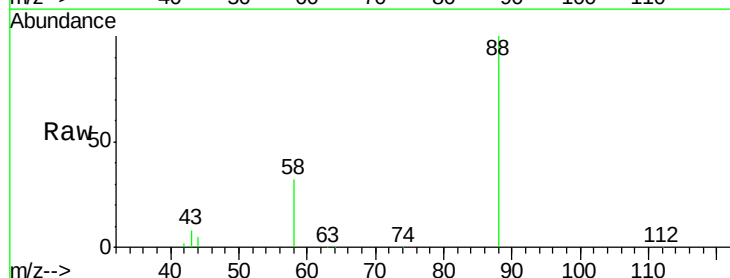
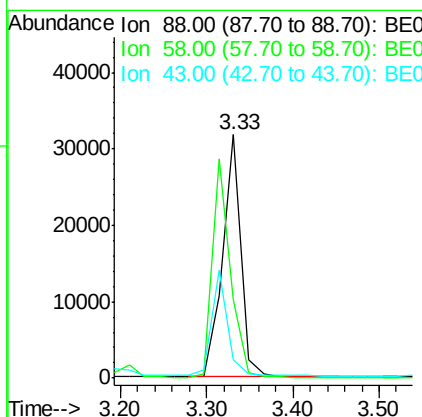
RT: 3.33 min Scan# 43

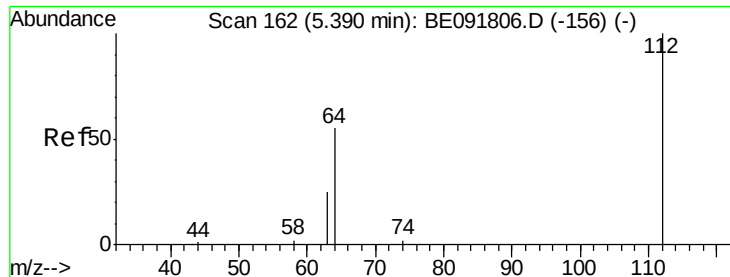
Delta R.T. 0.00 min

Lab File: BE091826.D

Acq: 20 May 2016 1:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.5	65.8	98.6
43	38.1	25.3	37.9





#4

2-Fluorophenol

Concen: 3.12 ng

RT: 5.39 min Scan# 162

Delta R.T. -0.00 min

Lab File: BE091826.D

Acq: 20 May 2016 1:05

Instrument :

BNA_E

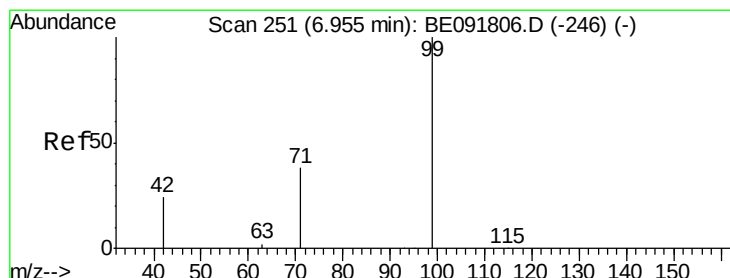
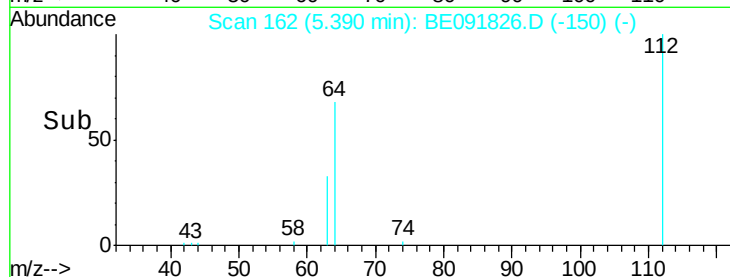
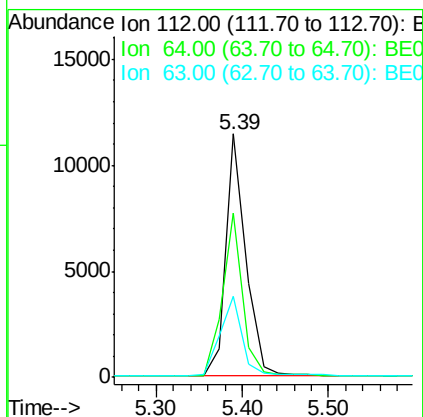
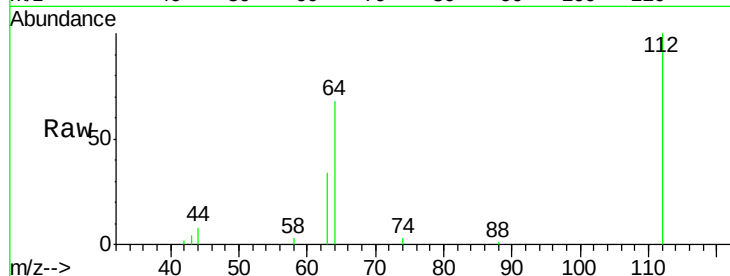
ClientSampleId :

LF001MW003-160512

Tgt Ion:	112	Resp:	18591
Ion Ratio		Lower	Upper
112	100		
64	67.9	30.9	46.3#
63	36.1	16.7	25.1#

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#5

Phenol-d6

Concen: 2.47 ng

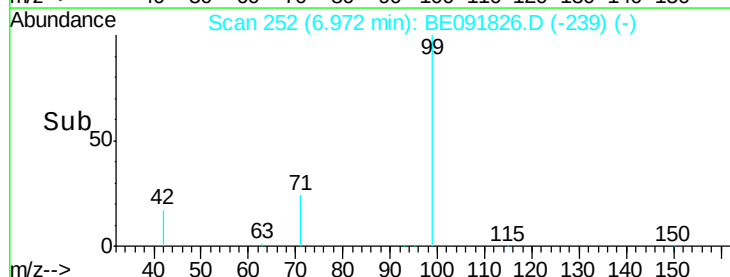
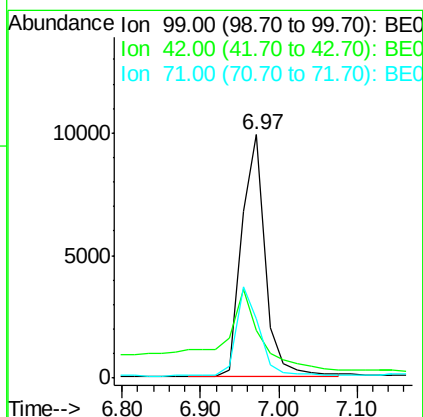
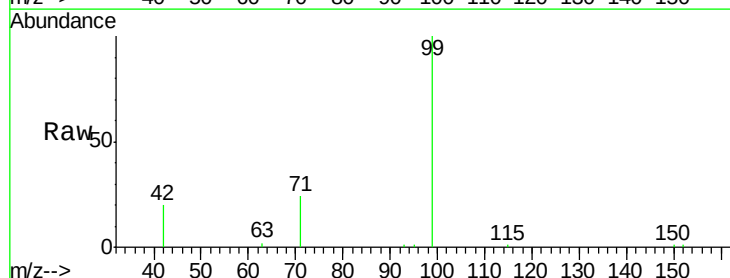
RT: 6.97 min Scan# 252

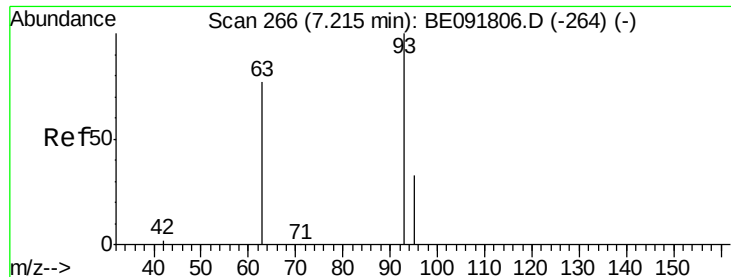
Delta R.T. 0.02 min

Lab File: BE091826.D

Acq: 20 May 2016 1:05

Tgt Ion:	99	Resp:	20702
Ion Ratio		Lower	Upper
99	100		
42	66.7	16.2	24.2#
71	36.2	29.0	43.4





#6

bis(2-Chloroethyl)ether

Concen: 0.24 ng

RT: 7.21 min Scan# 266

Delta R.T. -0.00 min

Lab File: BE091826.D

Acq: 20 May 2016 1:05

Instrument :

BNA_E

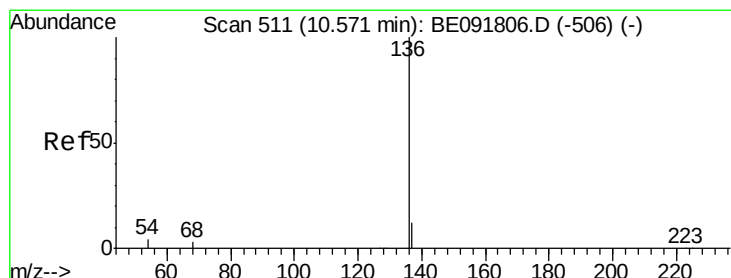
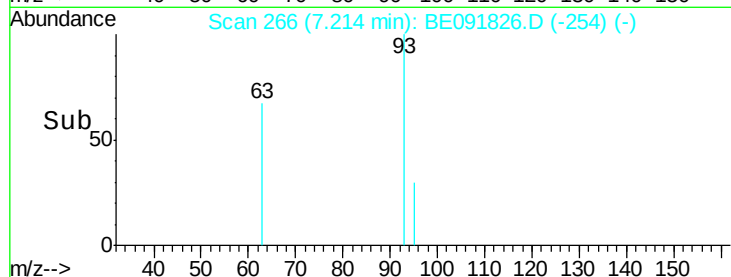
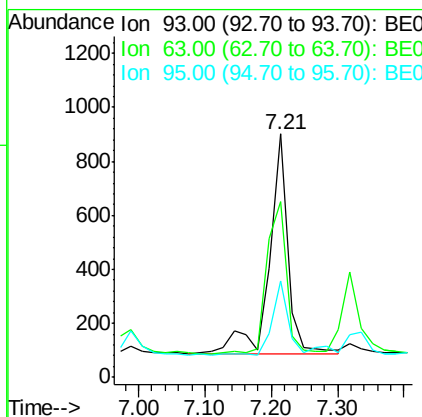
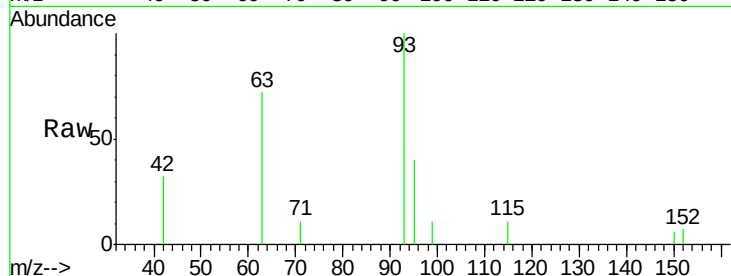
ClientSampleId :

LF001MW003-160512

Tgt Ion:	93	Resp:	1588
Ion	Ratio	Lower	Upper
93	100		
63	73.2	49.5	74.3
95	29.7	22.2	33.4

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#7

Naphthalene-d8

Concen: 5.00 ng

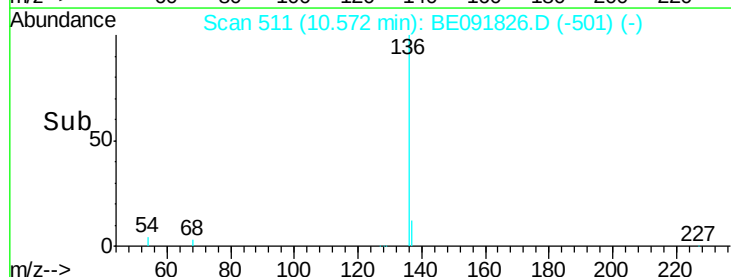
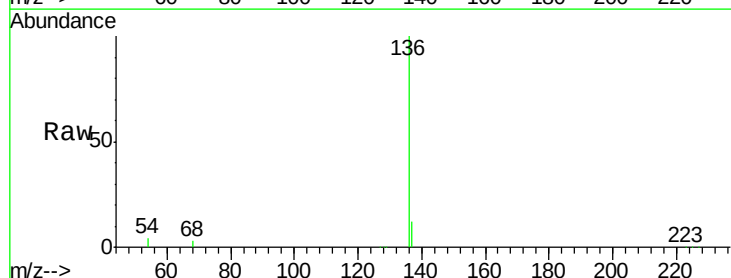
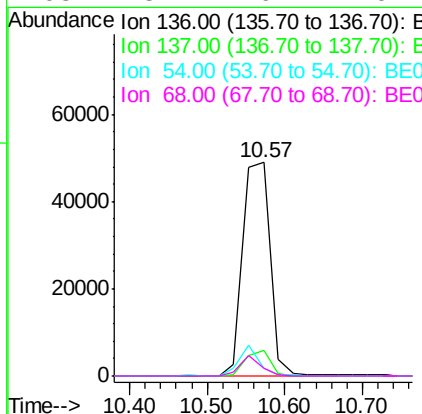
RT: 10.57 min Scan# 511

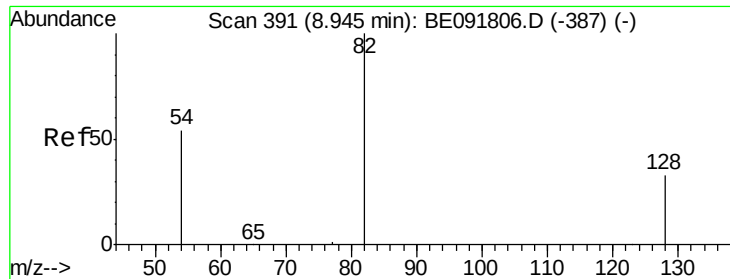
Delta R.T. 0.00 min

Lab File: BE091826.D

Acq: 20 May 2016 1:05

Tgt Ion:	136	Resp:	120314
Ion	Ratio	Lower	Upper
136	100		
137	12.2	8.9	13.3
54	3.8	8.2	12.4#
68	3.4	6.2	9.4#





#8

Nitrobenzene-d5

Concen: 3.72 ng

RT: 8.95 min Scan# 391

Delta R.T. -0.00 min

Lab File: BE091826.D

Acq: 20 May 2016 1:05

Instrument :

BNA_E

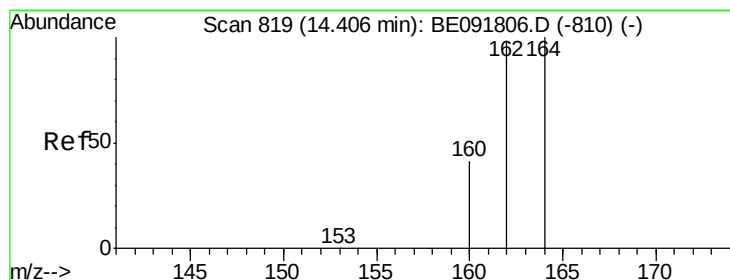
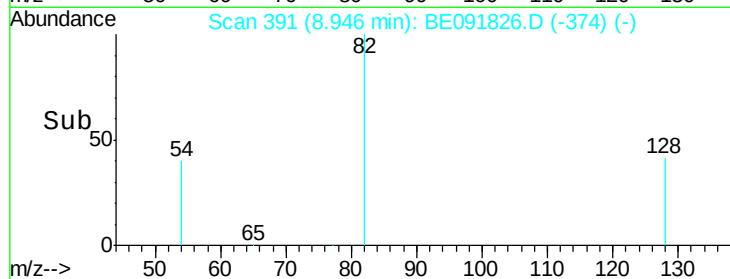
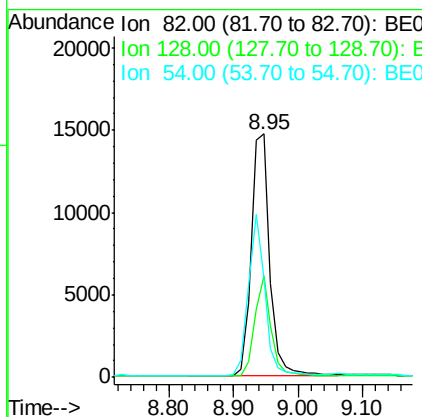
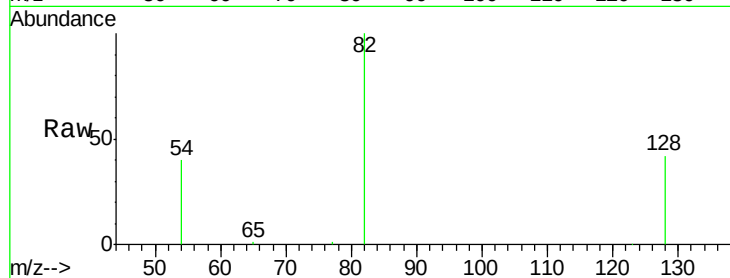
ClientSampleId :

LF001MW003-160512

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.5	25.4	38.0#
54	40.4	48.4	72.6#

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#13

Acenaphthene-d10

Concen: 5.00 ng

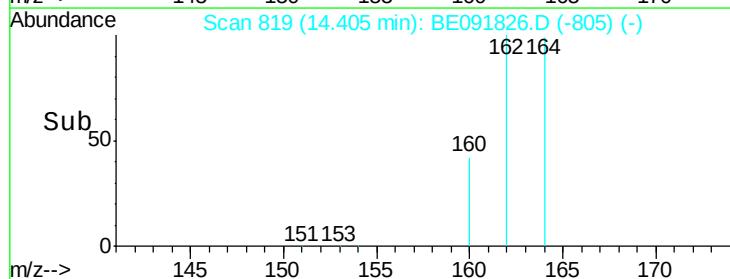
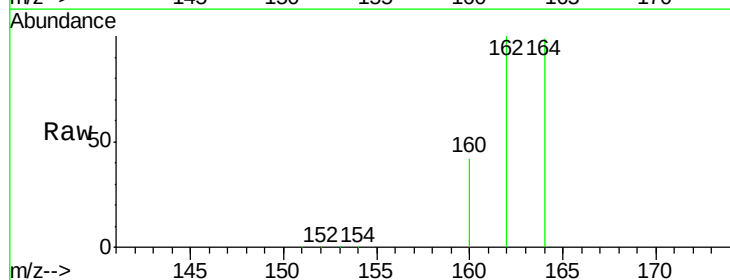
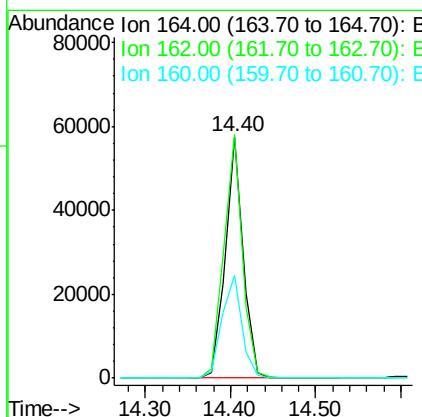
RT: 14.40 min Scan# 819

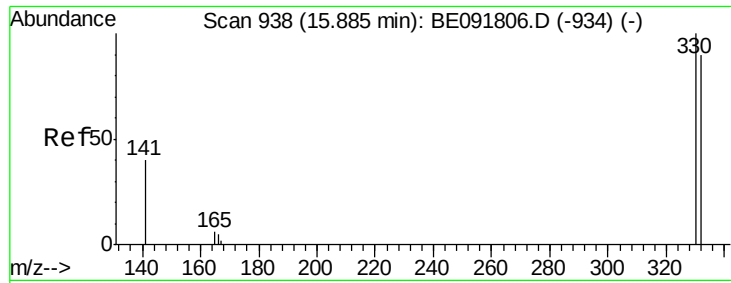
Delta R.T. -0.01 min

Lab File: BE091826.D

Acq: 20 May 2016 1:05

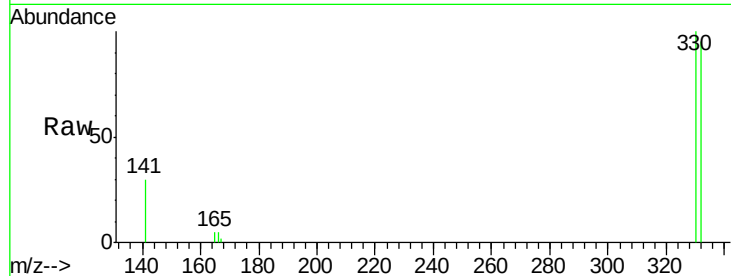
Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	85.3	127.9
160	42.5	46.2	69.2#





#14
 2,4,6-Tribromophenol
 Concen: 9.74 ng
 RT: 15.89 min Scan# 938
 Delta R.T. -0.01 min
 Lab File: BE091826.D
 Acq: 20 May 2016 1:05

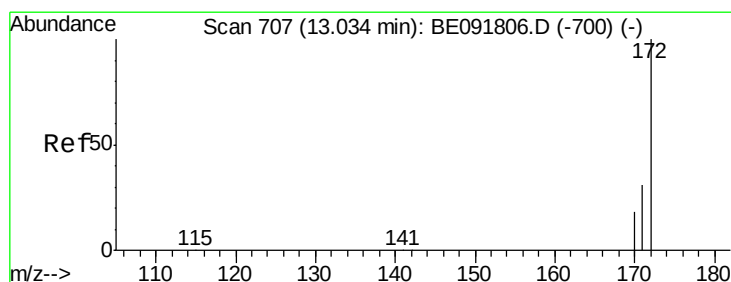
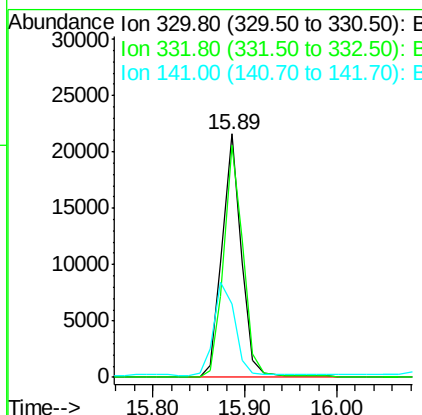
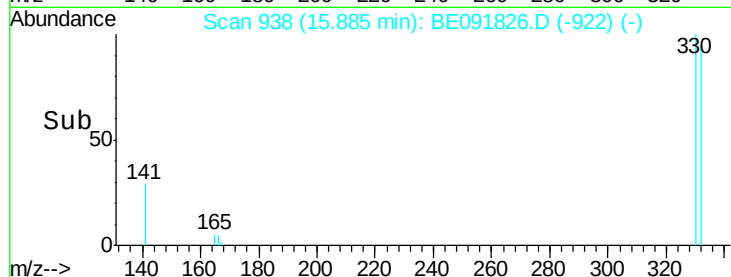
Instrument :
 BNA_E
 ClientSampleId :
 LF001MW003-160512



Tgt Ion:330 Resp: 31370
 Ion Ratio Lower Upper
 330 100
 332 96.3 79.1 118.7
 141 42.3 125.4 188.0#

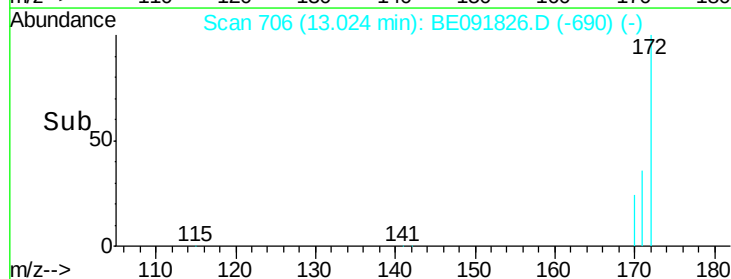
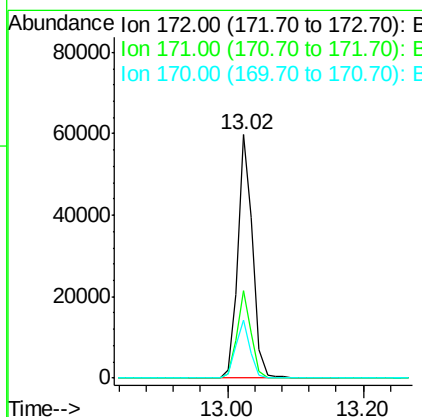
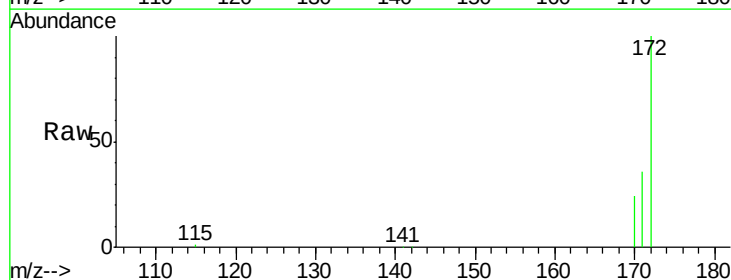
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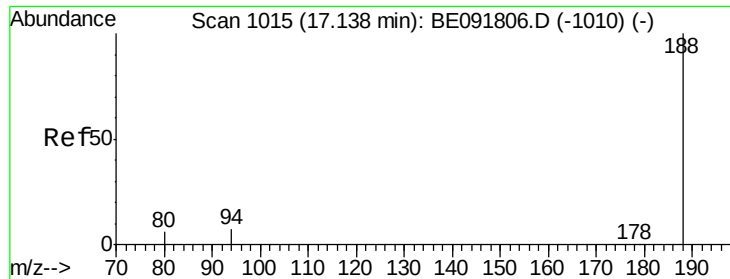
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#15
 2-Fluorobiphenyl
 Concen: 3.86 ng
 RT: 13.02 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: BE091826.D
 Acq: 20 May 2016 1:05

Tgt Ion:172 Resp: 90531
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.8 43.2
 170 24.0 19.3 28.9





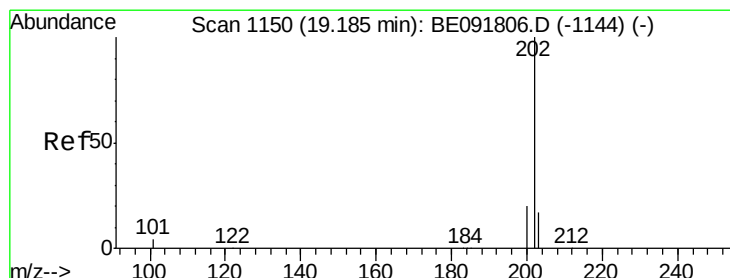
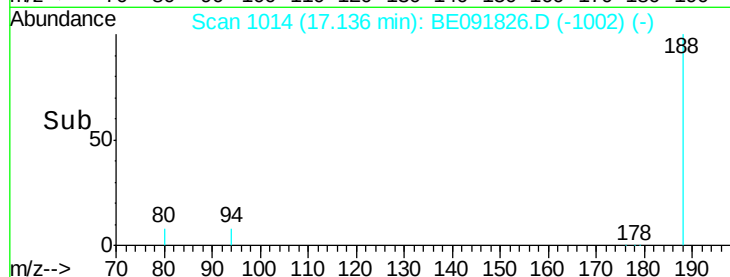
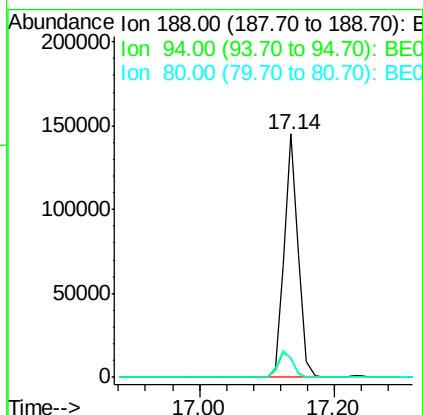
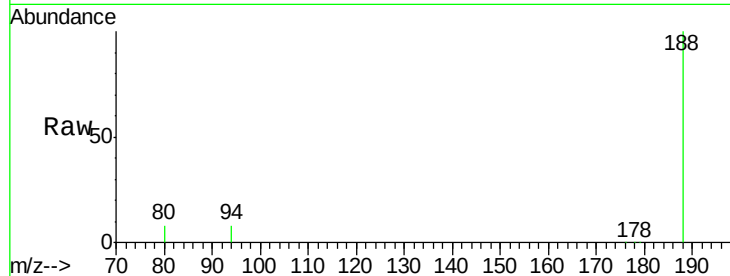
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.14 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BE091826.D
Acq: 20 May 2016 1:05

Instrument :
BNA_E
ClientSampleId :
LF001MW003-160512

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.0	8.7	13.1#
80	7.5	9.4	14.0#

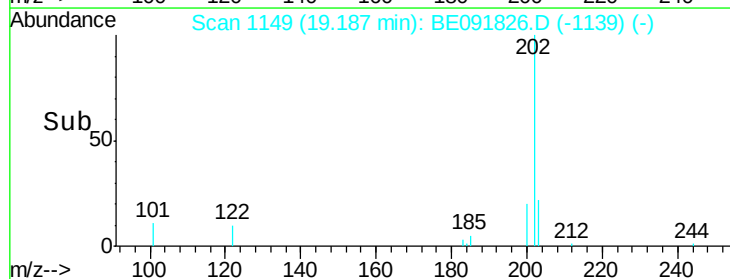
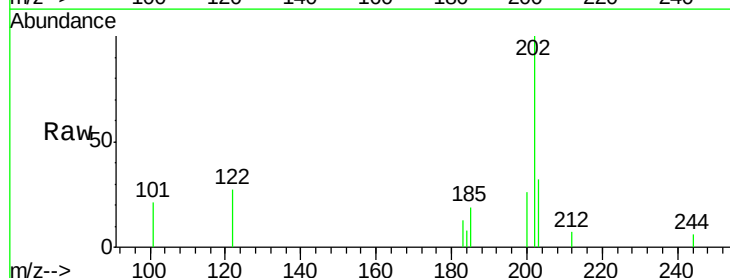
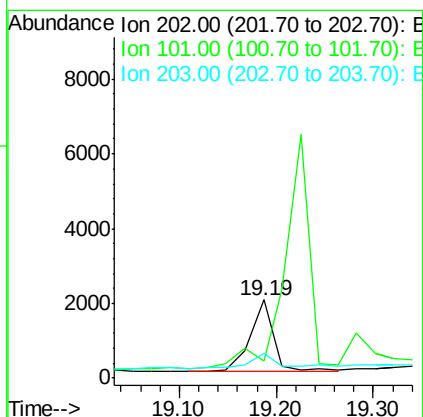
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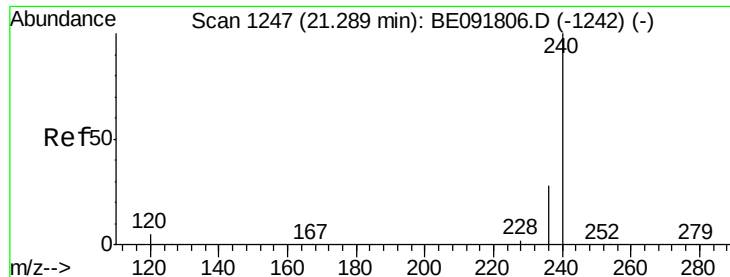
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#25
Fluoranthene
Concen: 0.05 ng
RT: 19.19 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE091826.D
Acq: 20 May 2016 1:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	0.0	11.0	16.6#
203	24.7	13.9	20.9#





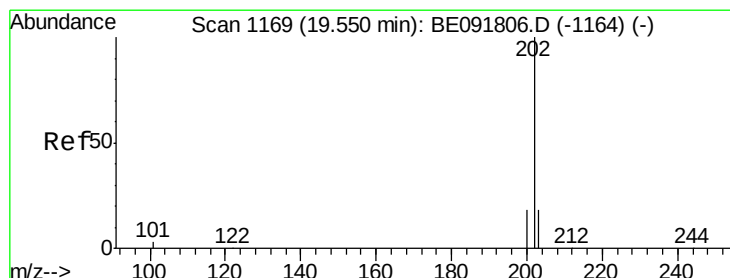
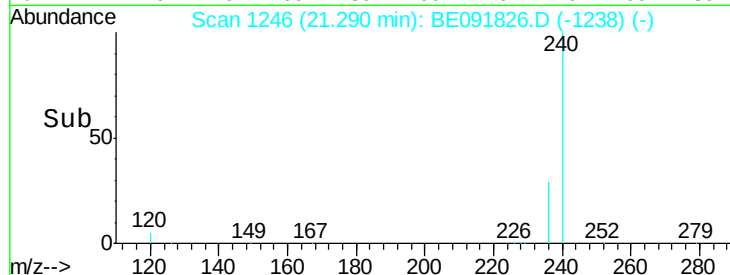
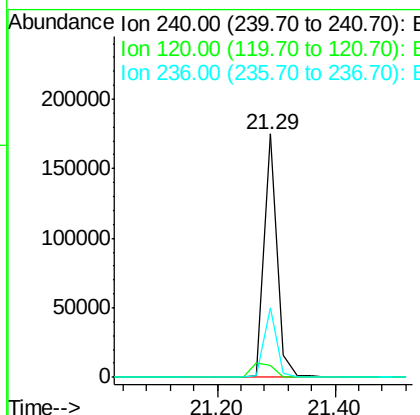
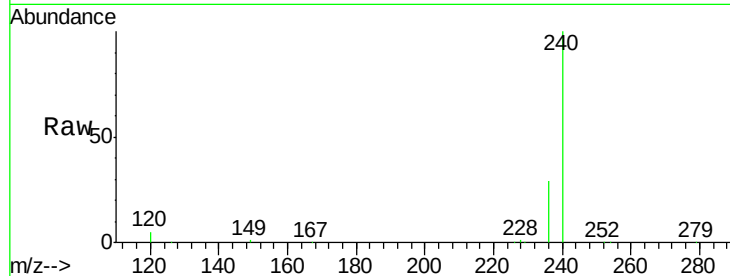
#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.29 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BE091826.D
Acq: 20 May 2016 1:05

Instrument :
BNA_E
ClientSampleId :
LF001MW003-160512

Tgt Ion: 240 Resp: 268538
Ion Ratio Lower Upper
240 100
120 5.1 11.0 16.4#
236 28.7 21.7 32.5

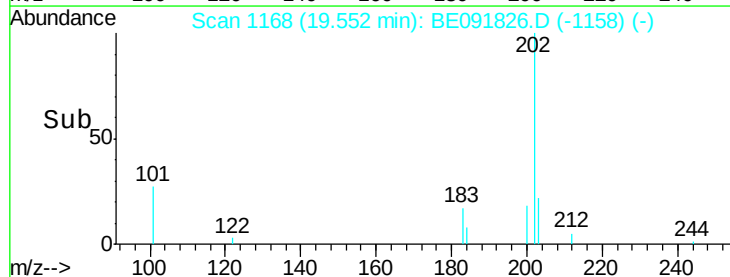
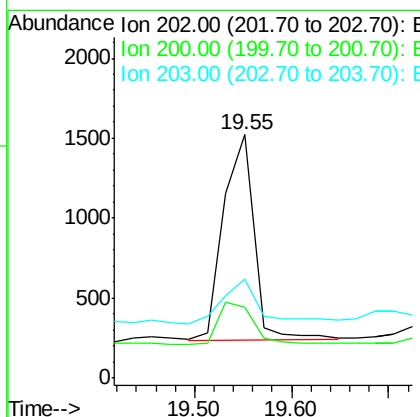
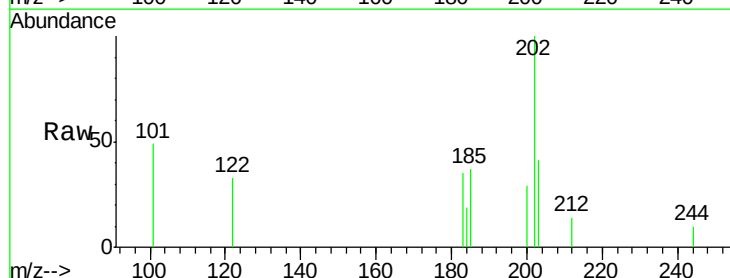
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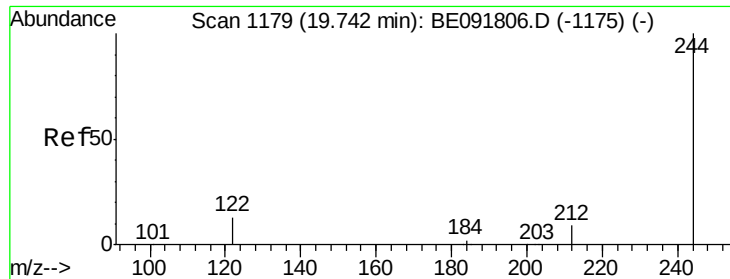
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#28
Pyrene
Concen: 0.05 ng
RT: 19.55 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BE091826.D
Acq: 20 May 2016 1:05

Tgt Ion: 202 Resp: 2793
Ion Ratio Lower Upper
202 100
200 25.2 16.8 25.2#
203 26.2 14.0 21.0#





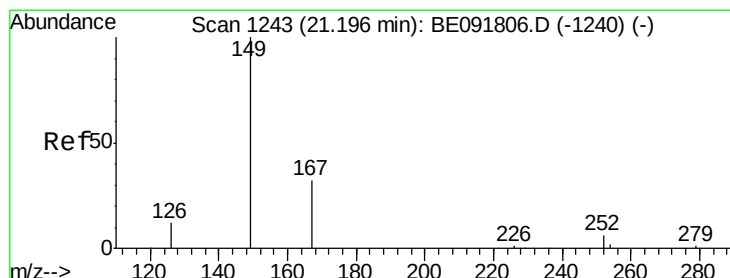
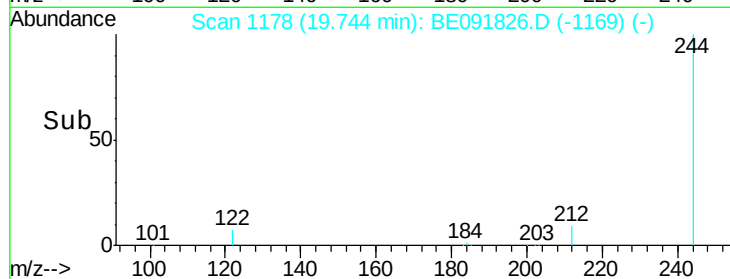
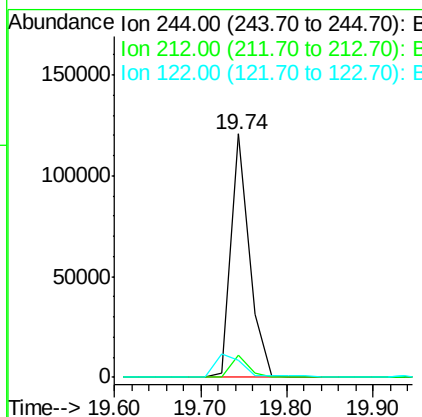
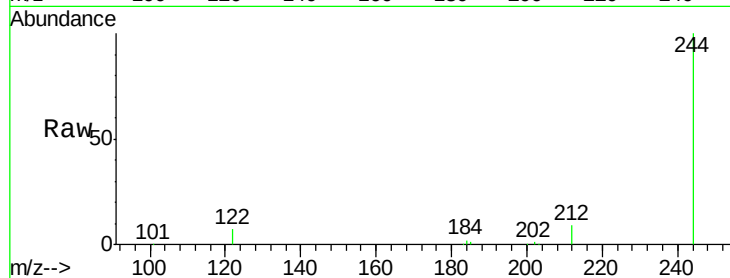
#29
 Terphenyl-d14
 Concen: 4.70 ng
 RT: 19.74 min Scan# 1178
 Delta R.T. -0.02 min
 Lab File: BE091826.D
 Acq: 20 May 2016 1:05

Instrument :
 BNA_E
 ClientSampleId :
 LF001MW003-160512

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	9.1	6.9	10.3
122	7.0	11.0	16.4#

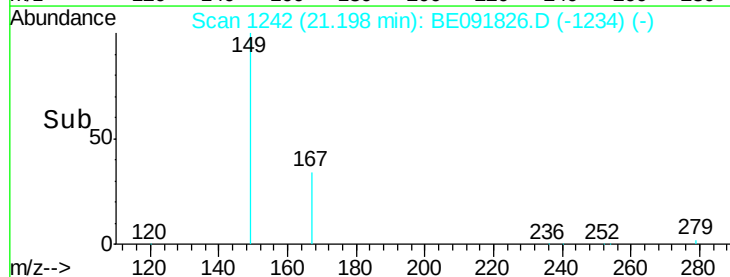
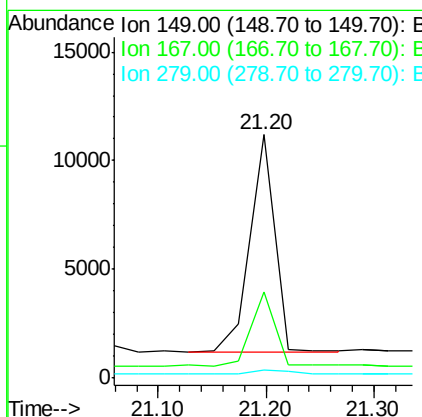
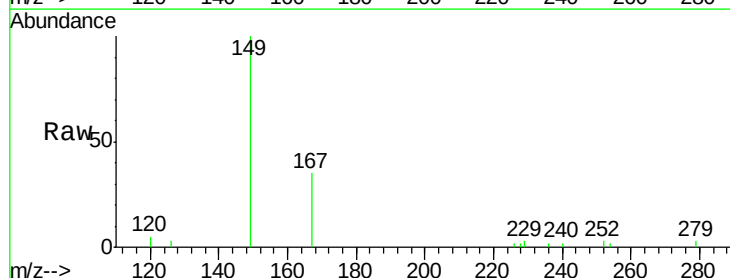
Manual Integrations
 APPROVED

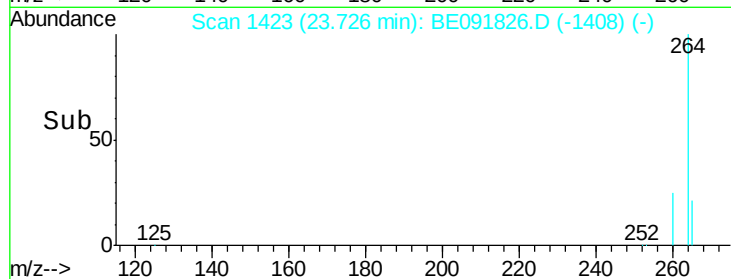
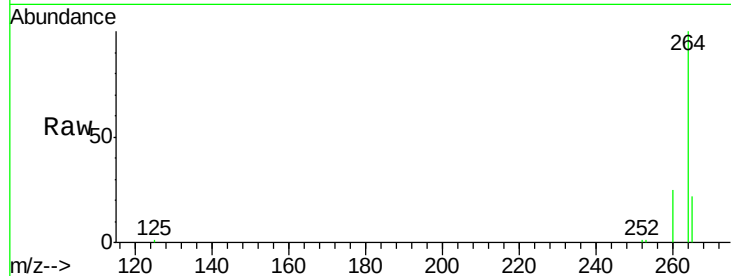
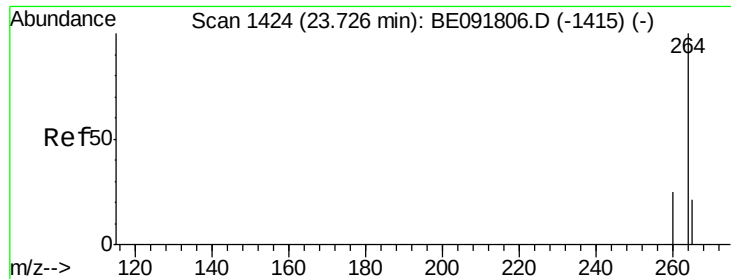
umangi
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#33
 Bis(2-ethylhexyl)phthalate
 Concen: 0.66 ng
 RT: 21.20 min Scan# 1242
 Delta R.T. -0.02 min
 Lab File: BE091826.D
 Acq: 20 May 2016 1:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	31.5	19.5	29.3#
279	4.0	10.0	15.0#





#35
Perylene-d12
Concen: 5.00 ng
RT: 23.73 min Scan# 1423
Delta R.T. -0.02 min
Lab File: BE091826.D
Acq: 20 May 2016 1:05

Instrument :
BNA_E
ClientSampleId :
LF001MW003-160512

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	25.4	20.0	30.0
265	22.0	17.5	26.3

Manual Integrations
APPROVED

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