

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013117\
 Data File : BE092695.D
 Acq On : 31 Jan 2017 20:14
 Operator : SJ/MA
 Sample : I1505-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SB-01

Manual Integrations
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mohammad
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Quant Time: Feb 01 02:57:10 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE011617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 17 10:14:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	10865	5.00	ng	0.00
7) Naphthalene-d8	10.91	136	48592	5.00	ng	0.00
12) Acenaphthene-d10	14.78	164	27142	5.00	ng	0.00
18) Phenanthrene-d10	17.53	188	60107	5.00	ng	0.00
24) Chrysene-d12	21.72	240	63314	5.00	ng	0.00
31) Perylene-d12	24.07	264	30063	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.64	112	16594	6.84	ng	-0.01
5) Phenol-d6	7.31	99	14265	4.80	ng	-0.02
8) Nitrobenzene-d5	9.32	82	15246	4.83	ng	-0.02
13) 2,4,6-Tribromophenol	16.28	330	7197	8.96	ng	-0.01
14) 2-Fluorobiphenyl	13.40	172	37657	5.64	ng	-0.02
26) Terphenyl-d14	20.14	244	49041	5.48	ng	-0.02
Target Compounds						
9) Naphthalene	10.95	128	83617	8.24	ng	Qvalue # 95
11) 2-Methylnaphthalene	12.59	142	6369	1.01	ng	99
15) Acenaphthylene	14.49	152	2494	0.07	ng	# 89
16) Acenaphthene	14.85	154	2856	0.48	ng	89
17) Fluorene	15.84	166	2142	0.28	ng	100
21) Phenanthrene	17.58	178	5134	0.39	ng	96
22) Anthracene	17.69	178	517m	0.04	ng	
23) Fluoranthene	19.58	202	2798	0.05	ng	98
25) Pyrene	19.95	202	1887	0.03	ng	# 90
29) Bis(2-ethylhexyl)phthalate	21.61	149	932	0.28	ng	# 71

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

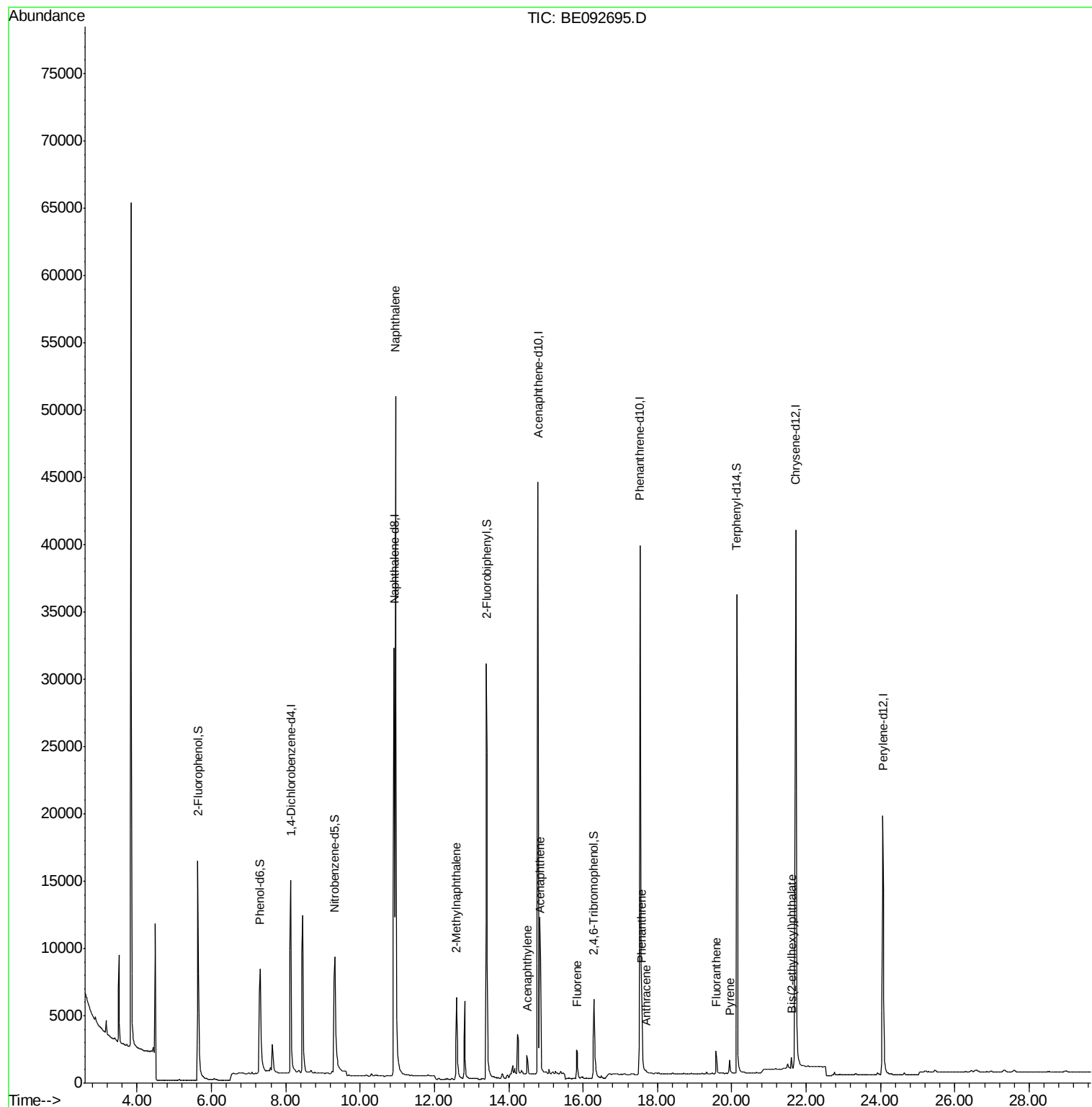
Data Path : Z:\HPCHEM1\BNA E\DATA\BE013117\
Data File : BE092695.D
Acq On : 31 Jan 2017 20:14
Operator : SJ/MA
Sample : I1505-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

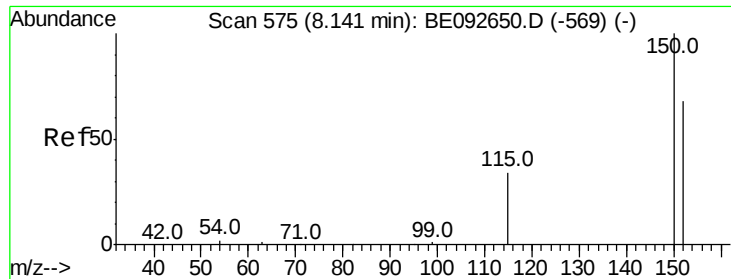
Instrument :
BNA_E
ClientSampleId :
SB-01

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Quant Time: Feb 01 02:57:10 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE011617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 10:14:01 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.14 min Scan# 575

Delta R.T. 0.00 min

Lab File: BE092695.D

Acq: 31 Jan 2017 20:14

Instrument :

BNA_E

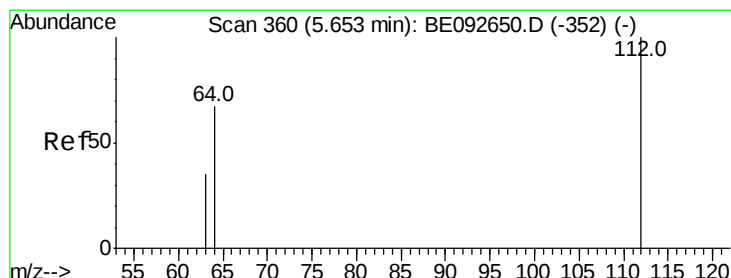
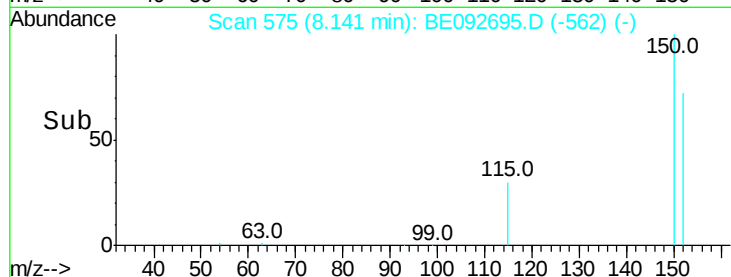
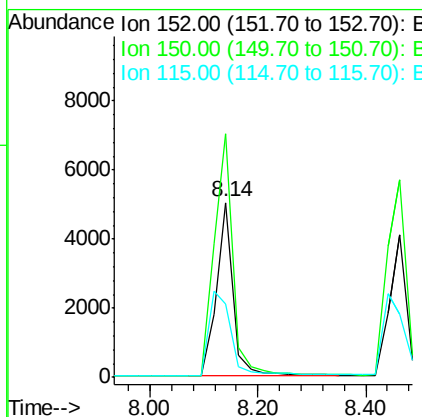
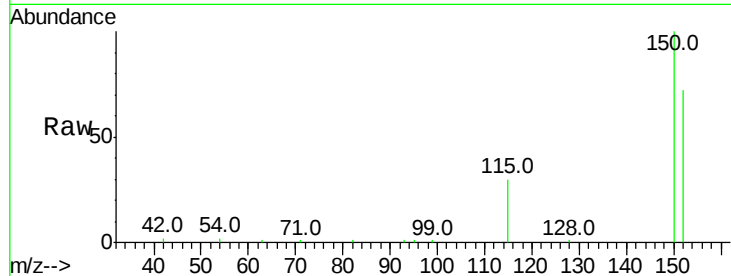
ClientSampleId :

SB-01

Tot Ion:	152	Resp:	10865
Ion	Ratio	Lower	Upper
152	100		
150	139.1	106.0	159.0
115	42.2	31.2	46.8

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#4

2-Fluorophenol

Concen: 6.84 ng

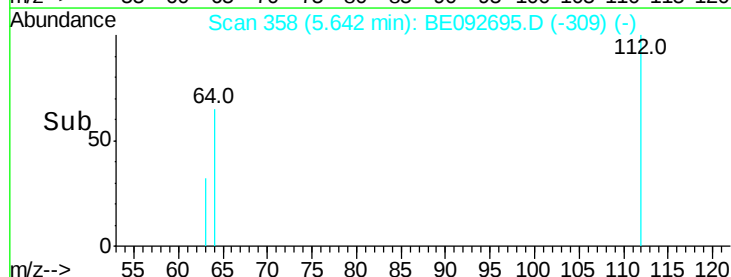
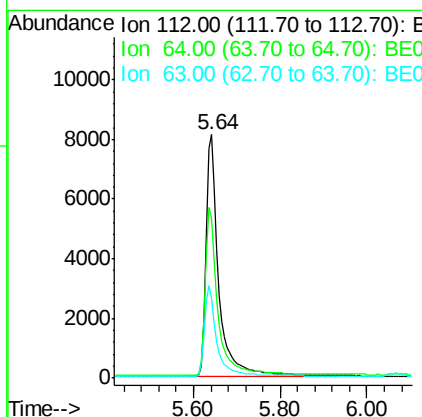
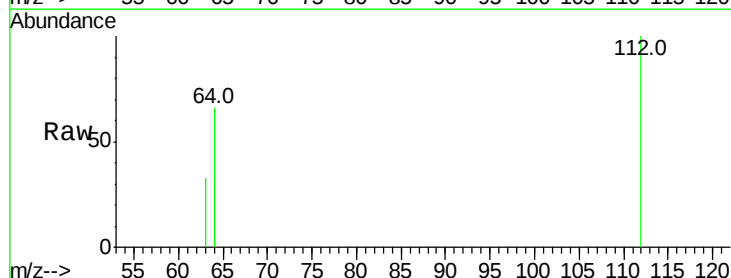
RT: 5.64 min Scan# 358

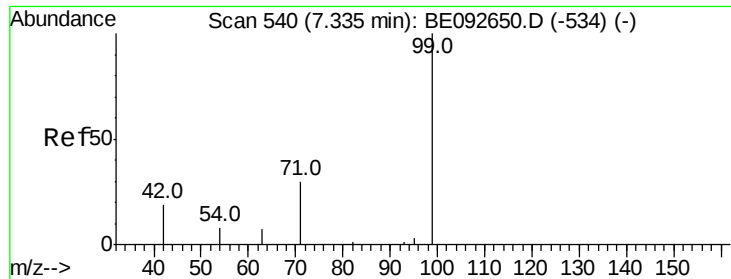
Delta R.T. -0.01 min

Lab File: BE092695.D

Acq: 31 Jan 2017 20:14

Tgt Ion:	112	Resp:	16594
Ion	Ratio	Lower	Upper
112	100		
64	68.1	53.5	80.3
63	36.5	27.9	41.9





#5

Phenol-d6

Concen: 4.80 ng

RT: 7.31 min Scan# 539

Delta R.T. -0.02 min

Lab File: BE092695.D

Acq: 31 Jan 2017 20:14

Instrument :

BNA_E

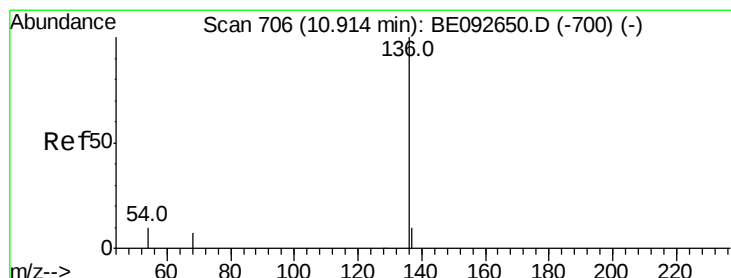
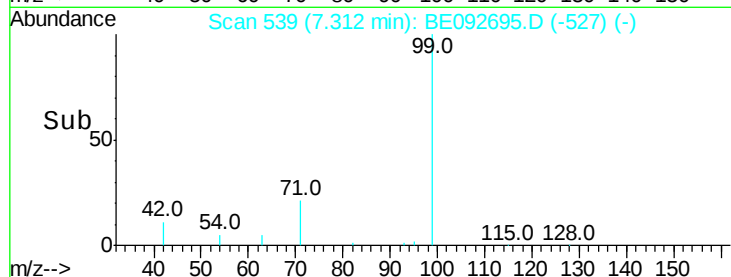
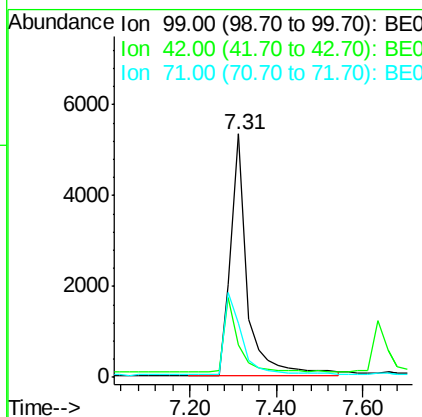
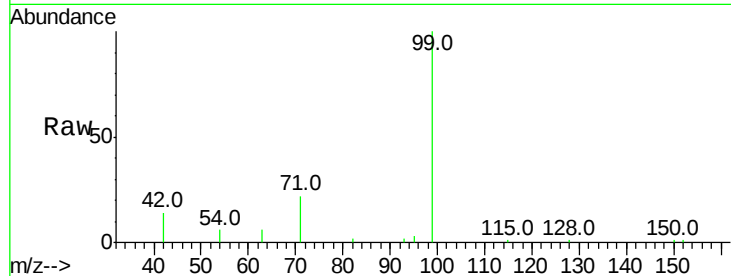
ClientSampleId :

SB-01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		14265		
42	0.0	16.0	24.0#		
71	0.0	30.6	45.8#		

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#7

Naphthalene-d8

Concen: 5.00 ng

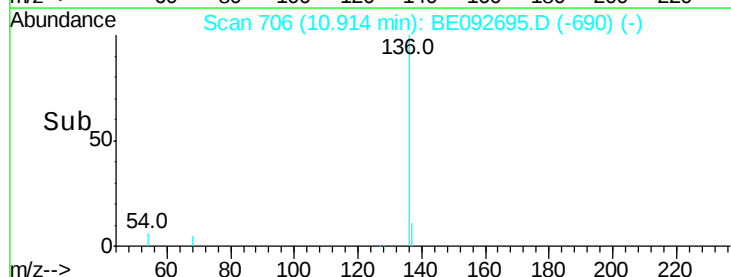
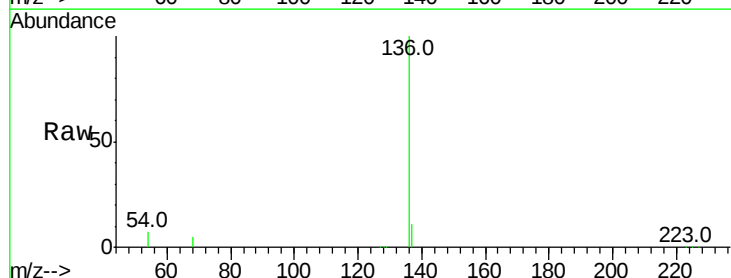
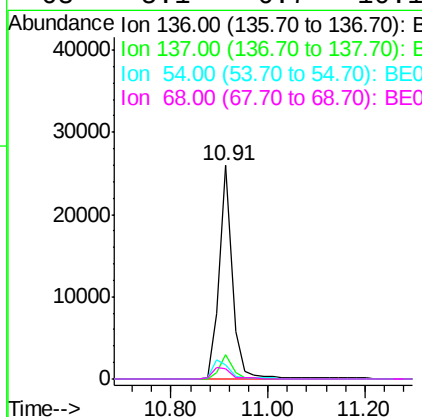
RT: 10.91 min Scan# 706

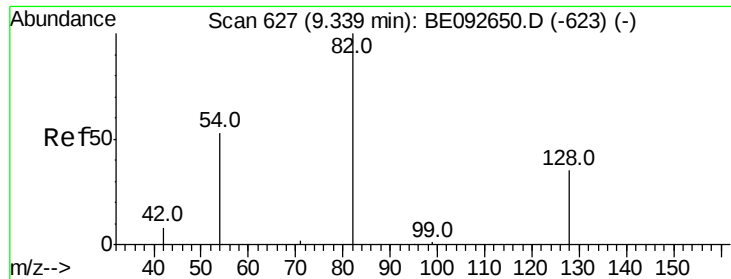
Delta R.T. -0.00 min

Lab File: BE092695.D

Acq: 31 Jan 2017 20:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		48592		
137	11.3	8.2	12.4		
54	6.7	9.6	14.4#		
68	5.1	6.7	10.1#		





#8

Nitrobenzene-d5

Concen: 4.83 ng

RT: 9.32 min Scan# 626

Delta R.T. -0.02 min

Lab File: BE092695.D

Acq: 31 Jan 2017 20:14

Instrument :

BNA_E

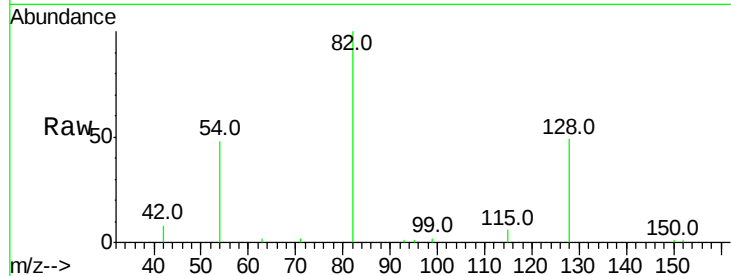
ClientSampled :

SB-01

Tot Ion:	82	Resp:	15246
Ion Ratio	Lower	Upper	
82	100		
128	48.6	39.0	58.4
54	47.6	44.8	67.2

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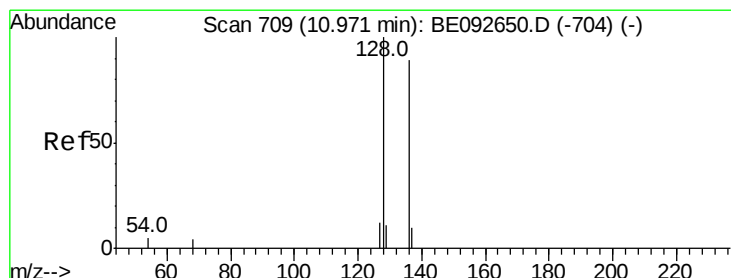
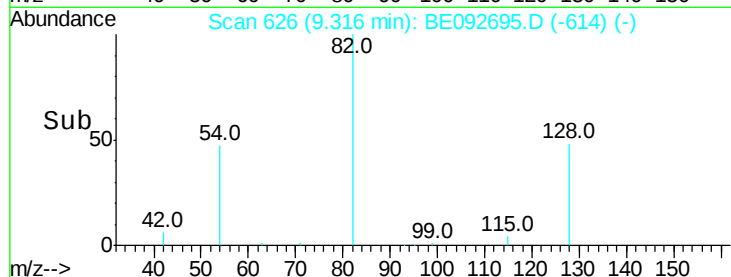


Abundance Ion 82.00 (81.70 to 82.70): BE092650.D (-623) (-)

Ion 128.00 (127.70 to 128.70): BE092650.D (-623) (-)

Ion 54.00 (53.70 to 54.70): BE092650.D (-623) (-)

Time-->



#9

Naphthalene

Concen: 8.24 ng

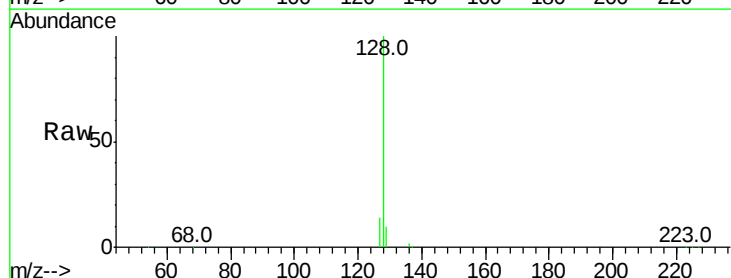
RT: 10.95 min Scan# 708

Delta R.T. -0.02 min

Lab File: BE092695.D

Acq: 31 Jan 2017 20:14

Tgt Ion:	128	Resp:	83617
Ion Ratio	Lower	Upper	
128	100		
129	10.5	11.2	16.8#
127	14.0	11.6	17.4

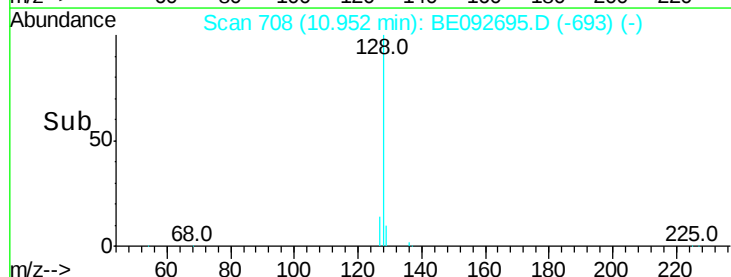


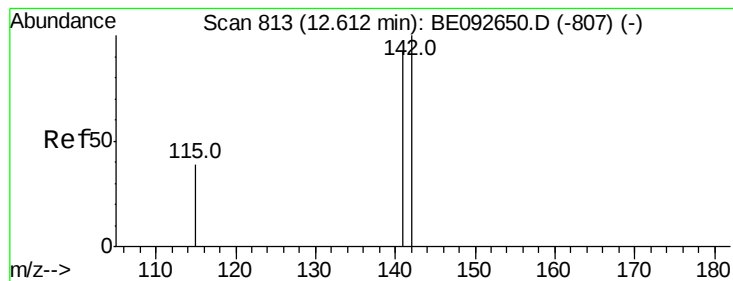
Abundance Ion 128.00 (127.70 to 128.70): BE092650.D (-704) (-)

Ion 129.00 (128.70 to 129.70): BE092650.D (-704) (-)

Ion 127.00 (126.70 to 127.70): BE092650.D (-704) (-)

Time-->





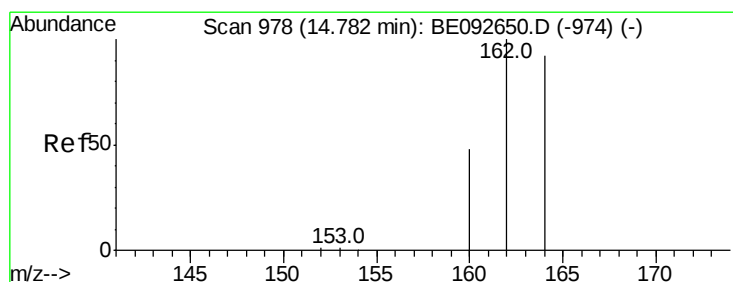
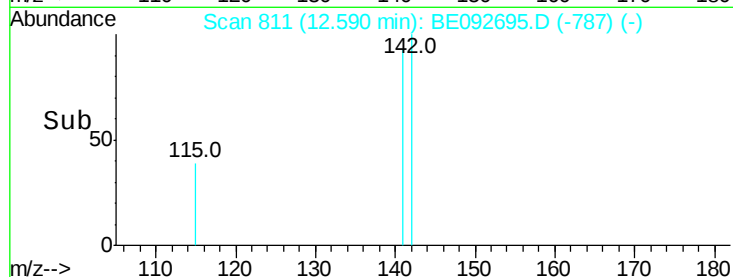
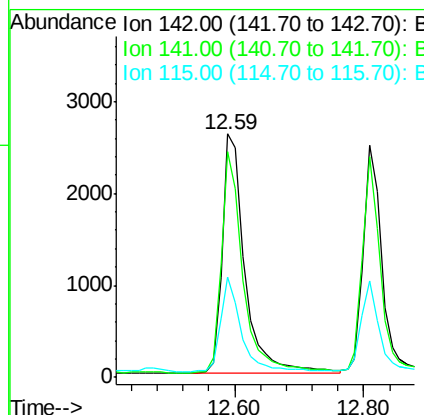
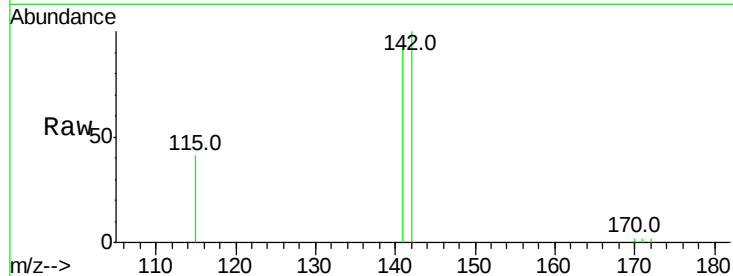
#11
2-Methylnaphthalene
Concen: 1.01 ng
RT: 12.59 min Scan# 811
Delta R.T. -0.02 min
Lab File: BE092695.D
Acq: 31 Jan 2017 20:14

Instrument :
BNA_E
ClientSampleId :
SB-01

Tot Ion:142 Resp: 6369
Ion Ratio Lower Upper
142 100
141 92.9 73.7 110.5
115 41.2 34.0 51.0

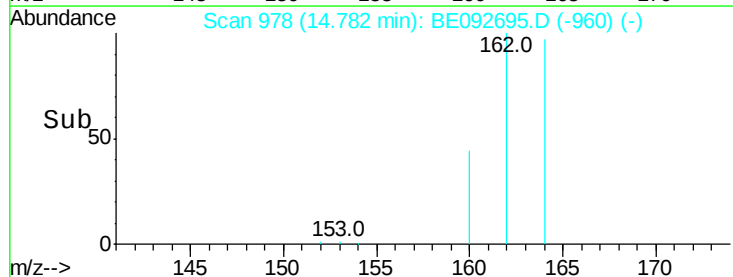
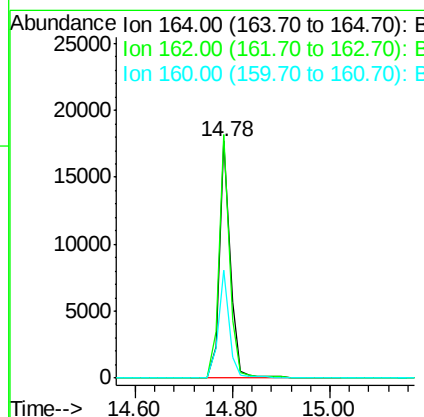
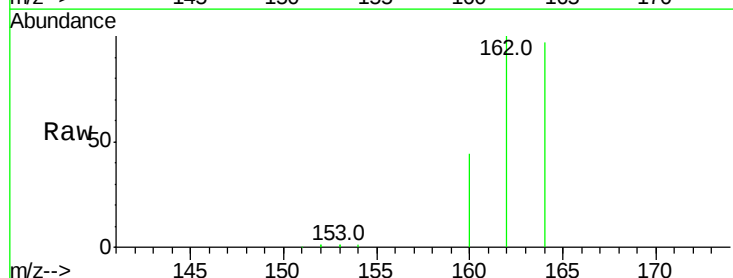
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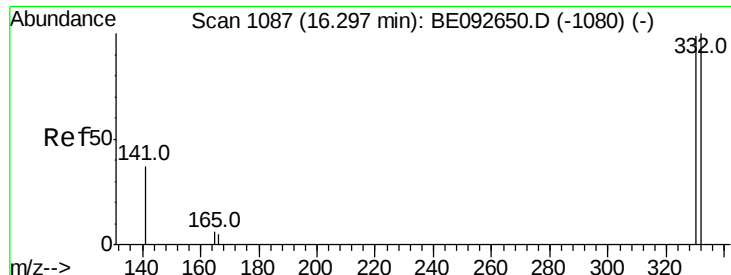
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#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.78 min Scan# 978
Delta R.T. 0.00 min
Lab File: BE092695.D
Acq: 31 Jan 2017 20:14

Tgt Ion:164 Resp: 27142
Ion Ratio Lower Upper
164 100
162 102.8 71.4 107.0
160 45.6 27.4 41.2#





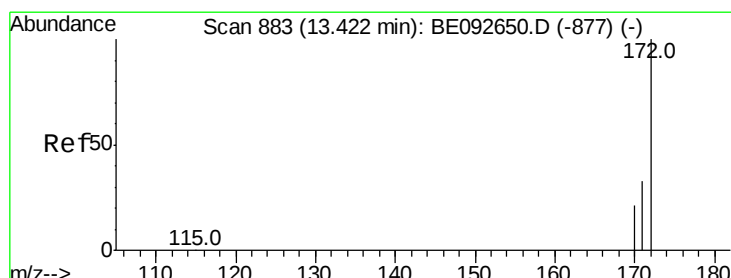
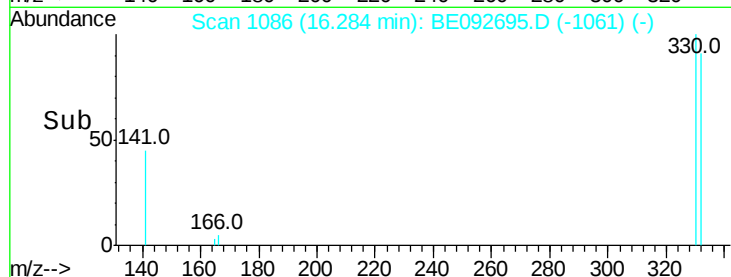
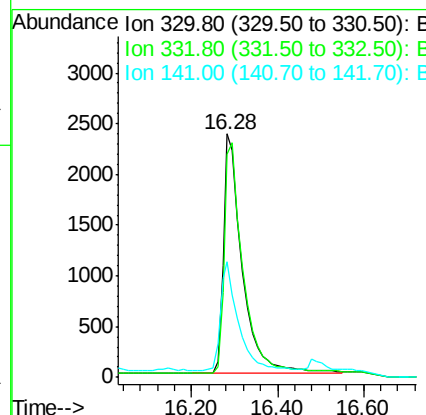
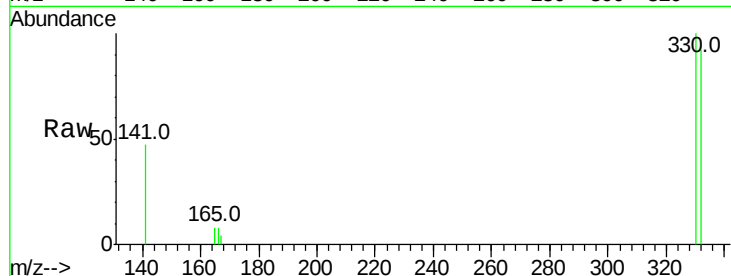
#13
 2,4,6-Tribromophenol
 Concen: 8.96 ng
 RT: 16.28 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BE092695.D
 Acq: 31 Jan 2017 20:14

Instrument :
 BNA_E
 ClientSampleId :
 SB-01

Tot Ion:330 Resp: 7197
 Ion Ratio Lower Upper
 330 100
 332 96.8 75.4 113.0
 141 44.2 31.0 46.6

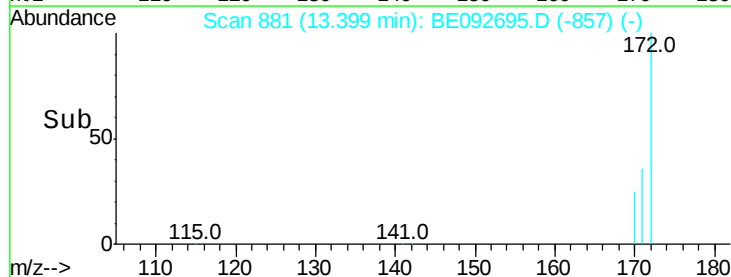
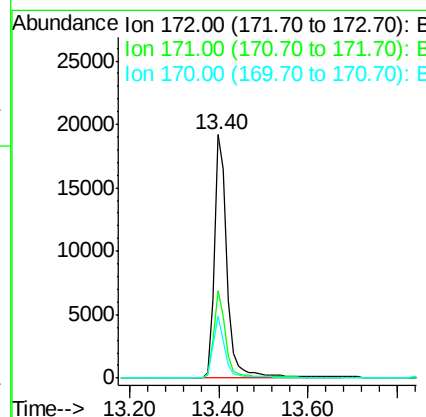
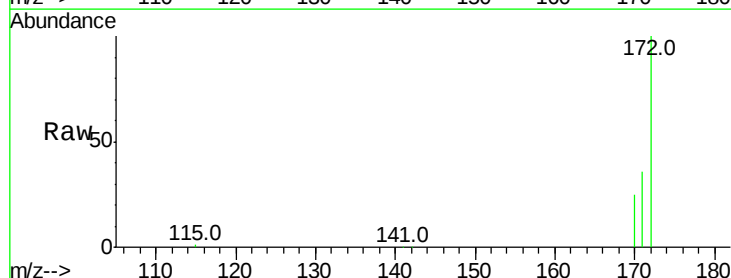
Manual Integrations
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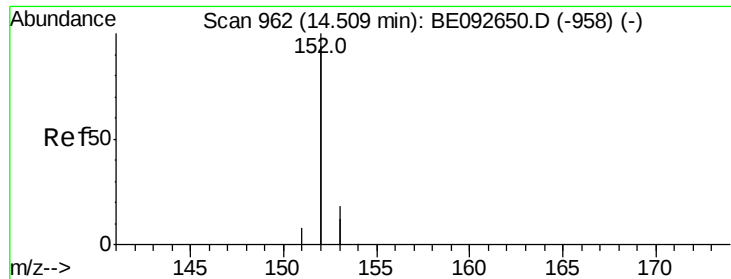
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#14
 2-Fluorobiphenyl
 Concen: 5.64 ng
 RT: 13.40 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BE092695.D
 Acq: 31 Jan 2017 20:14

Tgt Ion:172 Resp: 37657
 Ion Ratio Lower Upper
 172 100
 171 35.9 30.1 45.1
 170 25.2 21.8 32.6





#15

Acenaphthylene

Concen: 0.07 ng

RT: 14.49 min Scan# 961

Delta R.T. -0.02 min

Lab File: BE092695.D

Acq: 31 Jan 2017 20:14

Instrument :

BNA_E

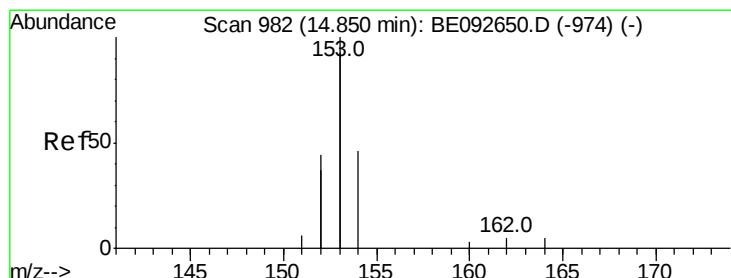
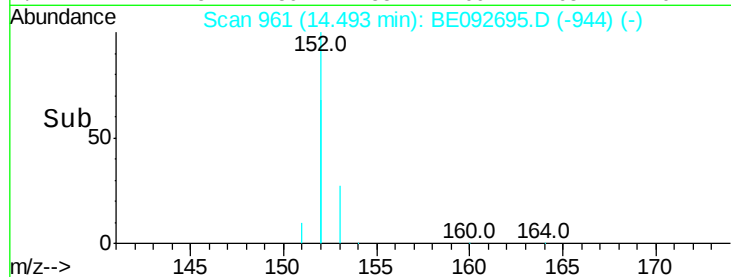
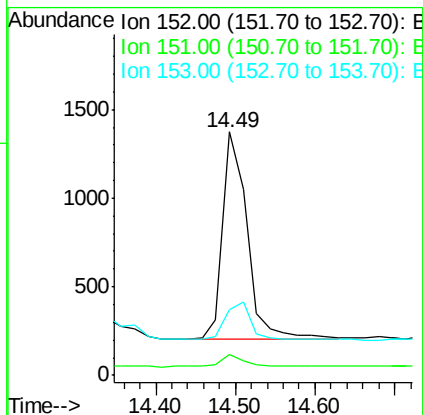
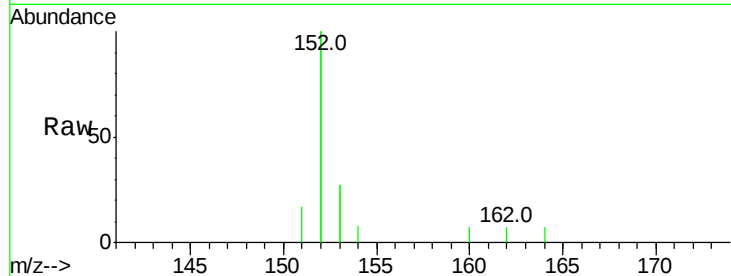
ClientSampleId :

SB-01

Tot Ion	Ratio	Lower	Upper
152	100		
151	5.7	3.9	5.9
153	18.8	10.4	15.6

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#16

Acenaphthene

Concen: 0.48 ng

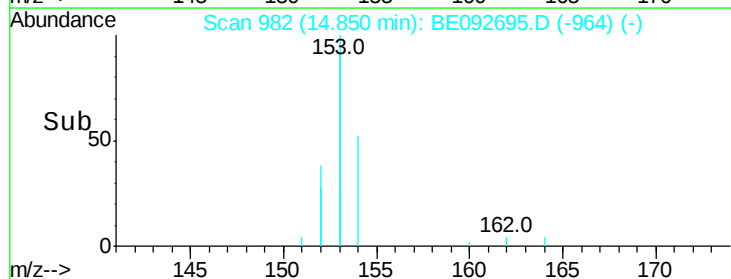
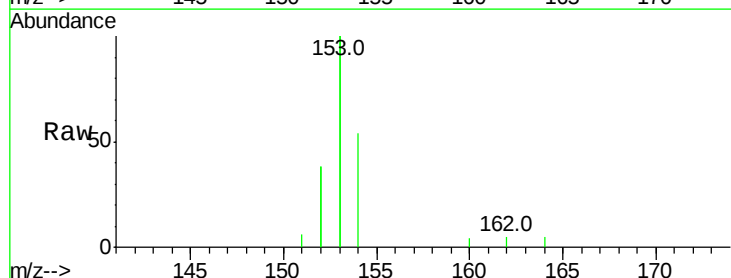
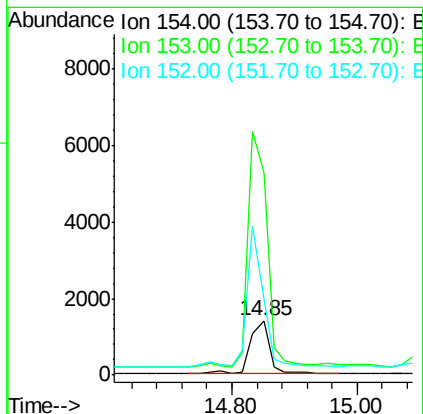
RT: 14.85 min Scan# 982

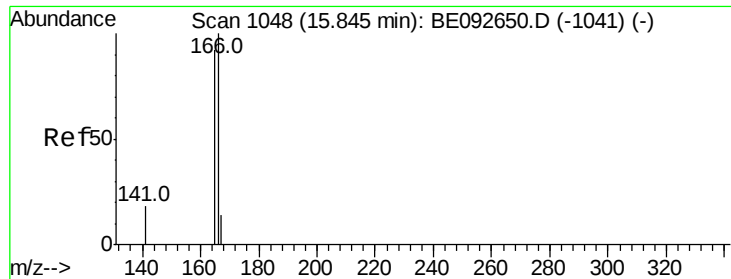
Delta R.T. 0.00 min

Lab File: BE092695.D

Acq: 31 Jan 2017 20:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	458.3	350.8	526.2
152	241.2	171.1	256.7





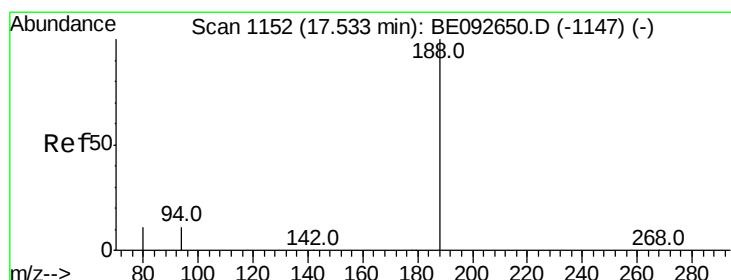
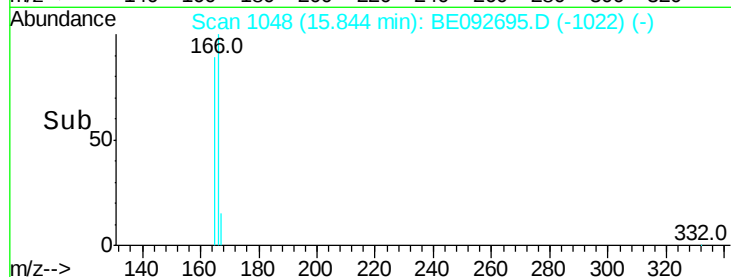
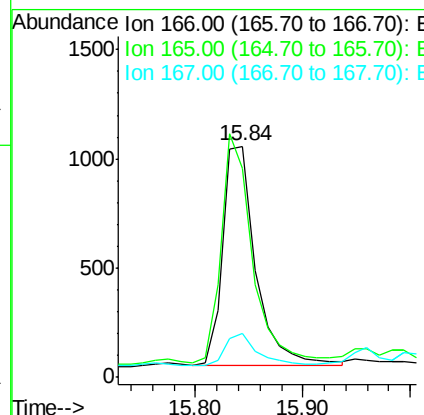
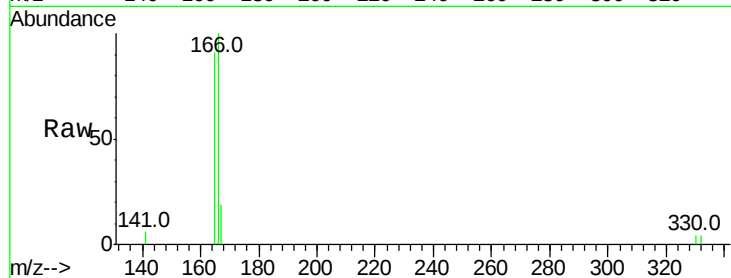
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Fluorene
 Concen: 0.28 ng
 RT: 15.84 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BE092695.D
 Acq: 31 Jan 2017 20:14

Instrument :
 BNA_E
 ClientSampleId :
 SB-01

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.2	117.4
167	14.1	11.0	16.4

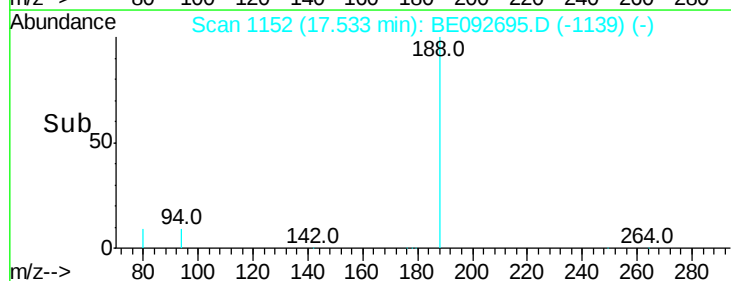
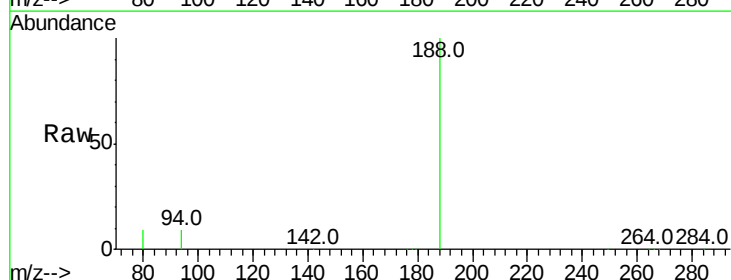
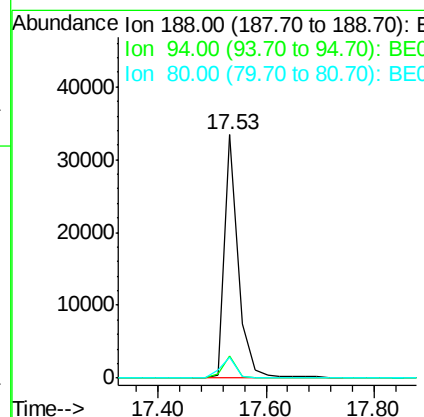
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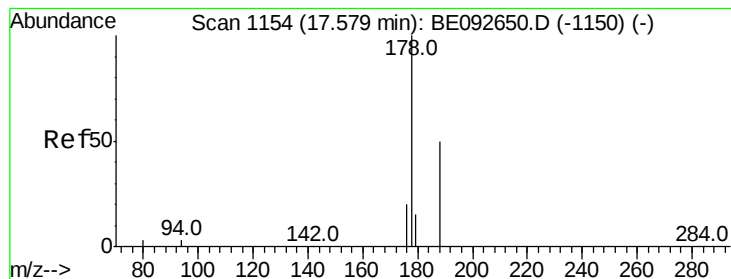
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#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.53 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BE092695.D
 Acq: 31 Jan 2017 20:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	3.2	4.8#
80	8.7	2.6	3.8#





#21

Phenanthrene

Concen: 0.39 ng

RT: 17.58 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE092695.D

Acq: 31 Jan 2017 20:14

Instrument :

BNA_E

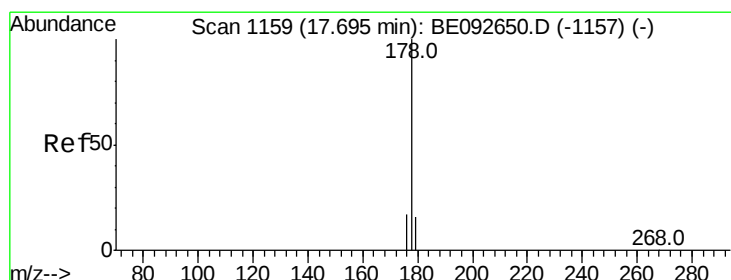
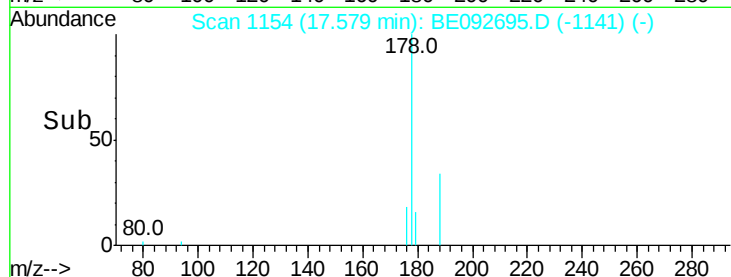
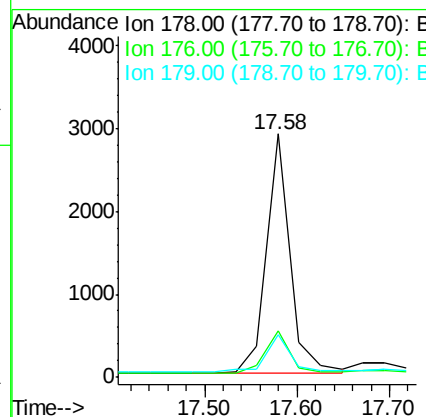
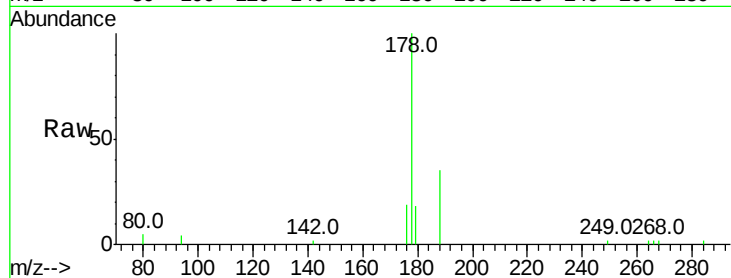
ClientSampleId :

SB-01

Tot Ion:	178	Resp:	5134
Ion Ratio	Lower	Upper	
178	100		
176	18.6	15.8	23.8
179	17.4	16.0	24.0

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#22

Anthracene

Concen: 0.04 ng m

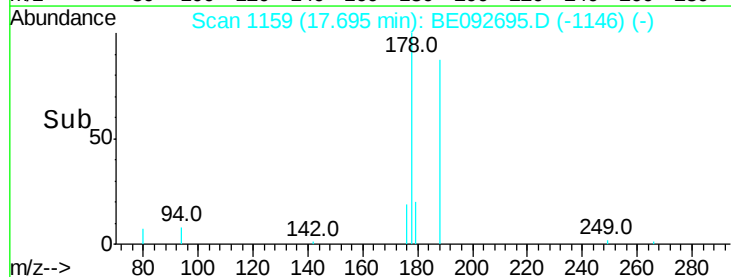
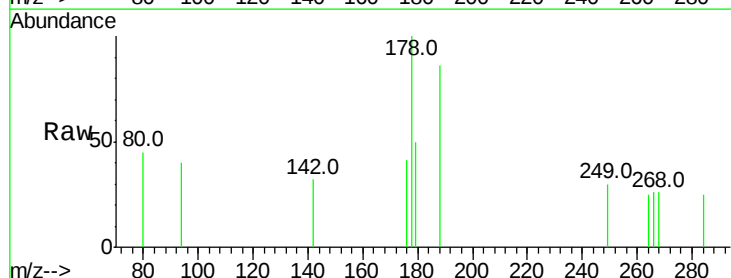
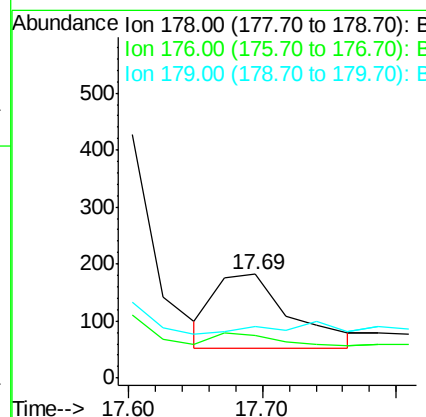
RT: 17.69 min Scan# 1159

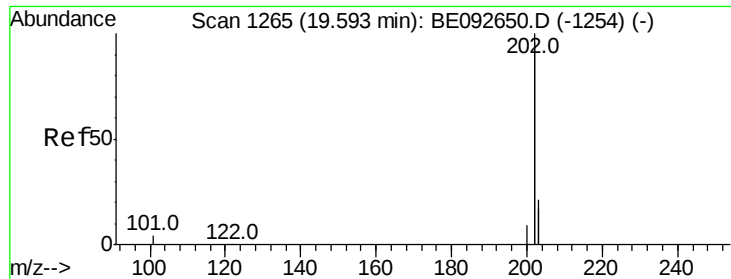
Delta R.T. -0.00 min

Lab File: BE092695.D

Acq: 31 Jan 2017 20:14

Tgt Ion:	178	Resp:	517
Ion Ratio	Lower	Upper	
178	100		
176	184.1	15.0	22.4#
179	172.5	12.2	18.2#





#23

Fluoranthene

Concen: 0.05 ng

RT: 19.58 min Scan# 1264

Delta R.T. -0.02 min

Lab File: BE092695.D

Acq: 31 Jan 2017 20:14

Instrument :

BNA_E

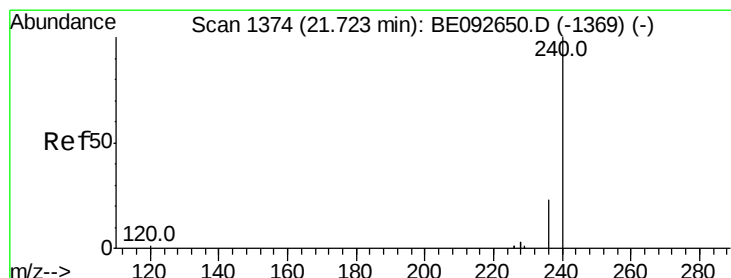
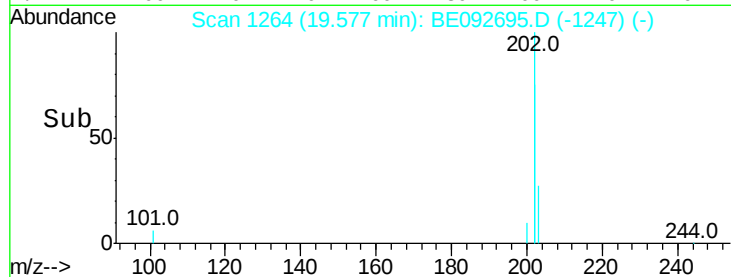
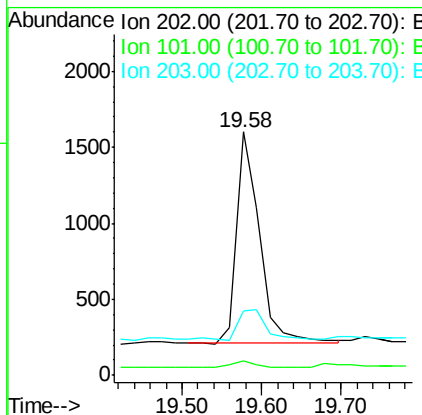
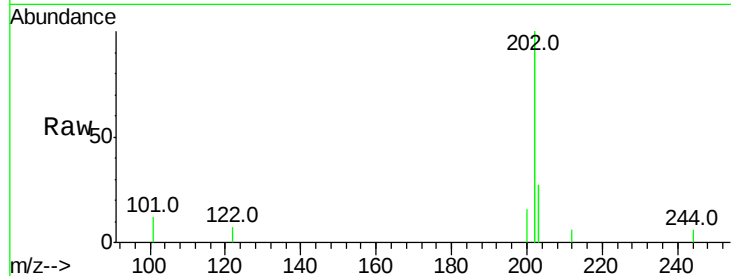
ClientSampleId :

SB-01

Tot Ion:	202	Resp:	2798
Ion Ratio	Lower	Upper	
202	100		
101	2.8	2.2	3.4
203	16.3	13.7	20.5

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#24

Chrysene-d12

Concen: 5.00 ng

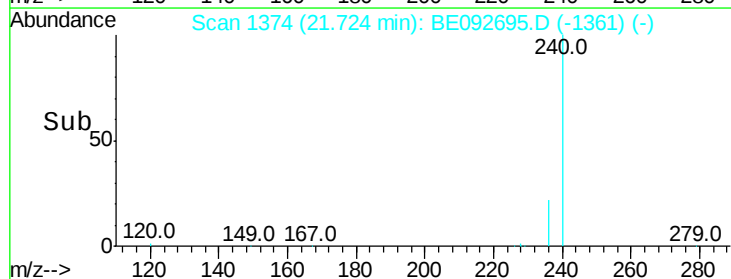
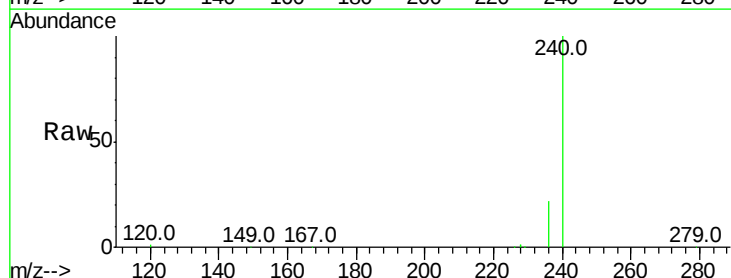
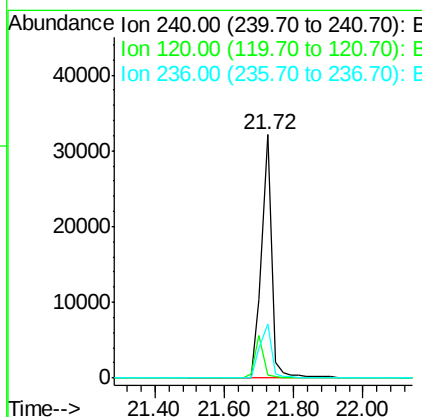
RT: 21.72 min Scan# 1374

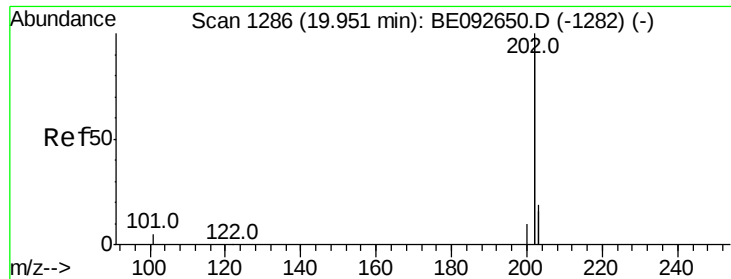
Delta R.T. 0.00 min

Lab File: BE092695.D

Acq: 31 Jan 2017 20:14

Tgt Ion:	240	Resp:	63314
Ion Ratio	Lower	Upper	
240	100		
120	1.3	2.6	4.0#
236	22.5	24.6	37.0#





#25

Pvrene

Concen: 0.03 ng

RT: 19.95 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BE092695.D

Acq: 31 Jan 2017 20:14

Instrument :

BNA_E

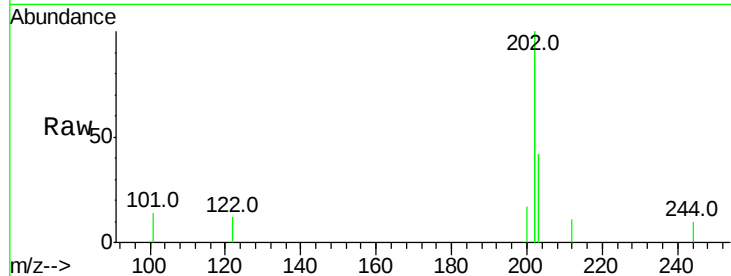
ClientSampled :

SB-01

Tot Ion	Ratio	Lower	Upper
202	100		
200	5.4	4.2	6.4
203	22.8	13.9	20.9#

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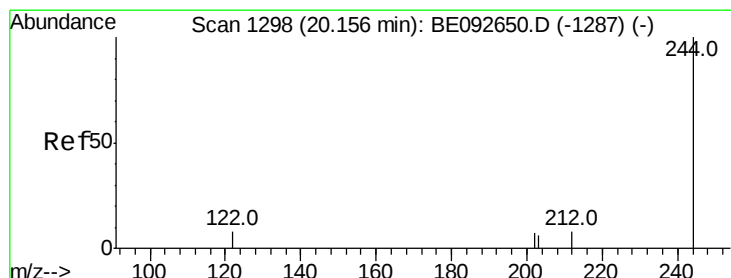
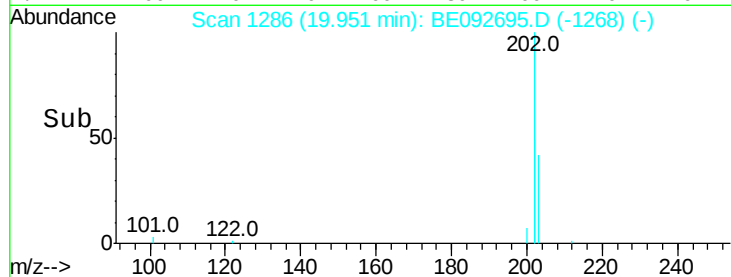
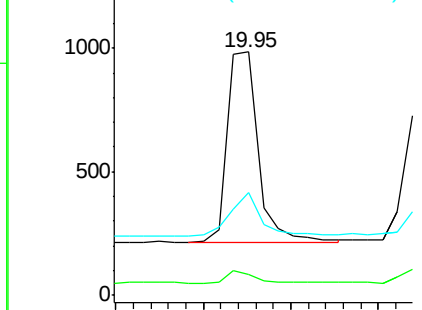
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#26

Terphenyl-d14

Concen: 5.48 ng

RT: 20.14 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BE092695.D

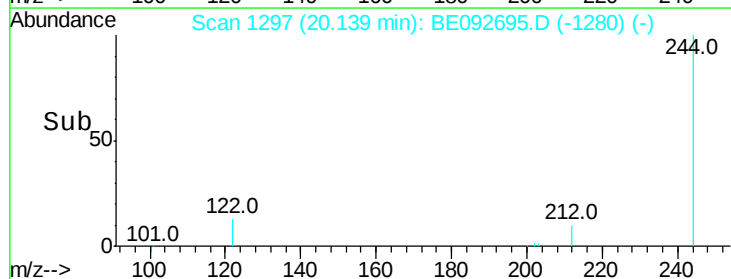
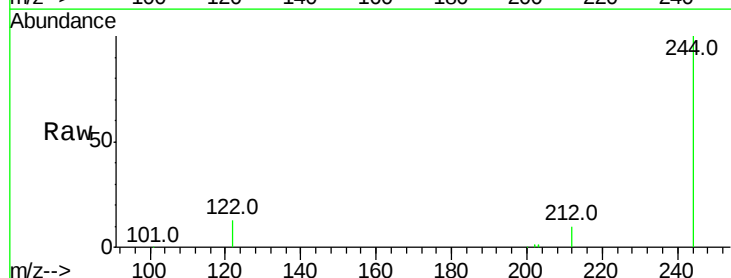
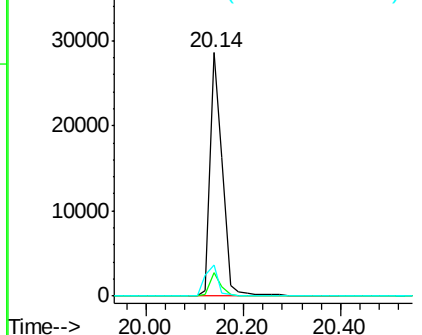
Acq: 31 Jan 2017 20:14

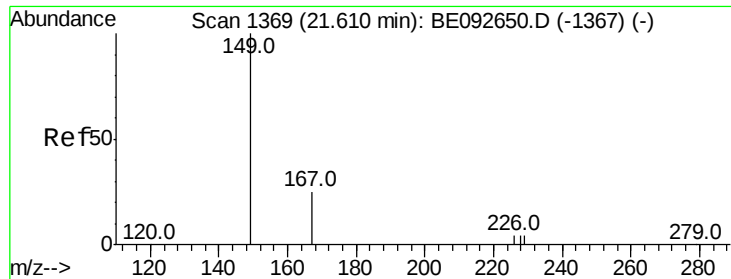
Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.7	6.7	10.1
122	12.8	3.6	5.4#

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





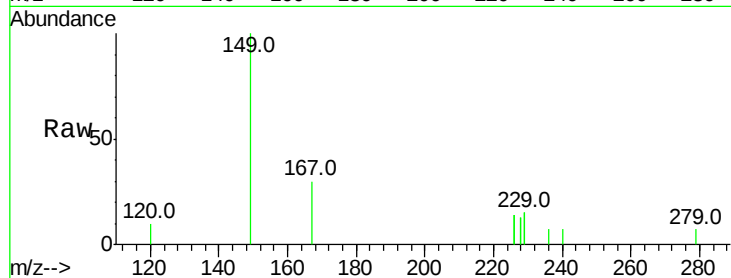
#29
 Bis(2-ethylhexyl)phthalate
 Concen: 0.28 ng
 RT: 21.61 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: BE092695.D
 Acq: 31 Jan 2017 20:14

Instrument :
 BNA_E
 ClientSampled :
 SB-01

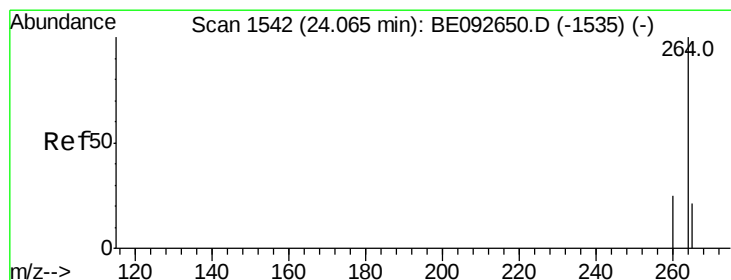
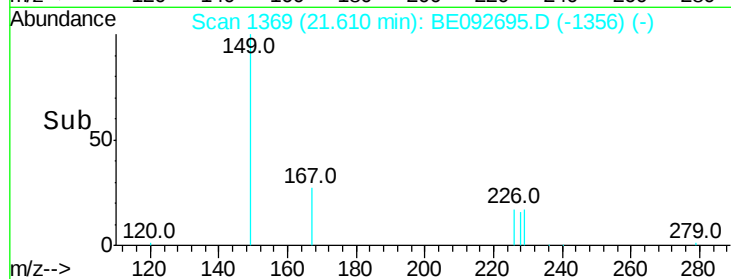
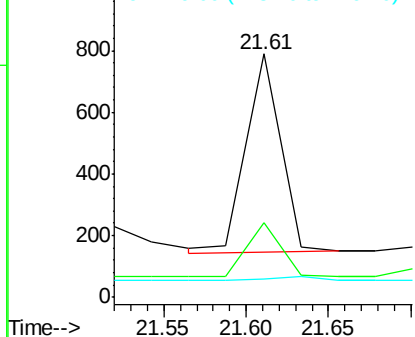
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.8	16.0	24.0#
279	0.0	16.0	24.0#

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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



#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.07 min Scan# 1542
 Delta R.T. 0.00 min
 Lab File: BE092695.D
 Acq: 31 Jan 2017 20:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.5	20.1	30.1
265	22.3	17.9	26.9

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

