

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013117\
 Data File : BE092700.D
 Acq On : 31 Jan 2017 23:22
 Operator : SJ/MA
 Sample : I1505-02 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SB-01A

Manual Integrations
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Quant Time: Feb 01 03:14:09 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	10827	5.00	ng	0.00
7) Naphthalene-d8	10.91	136	55041	5.00	ng	0.00
12) Acenaphthene-d10	14.78	164	37757	5.00	ng	0.00
18) Phenanthrene-d10	17.53	188	78840	5.00	ng	0.00
24) Chrysene-d12	21.72	240	76783	5.00	ng	0.00
31) Perylene-d12	24.06	264	80509	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.65	112	1957	0.81	ng	0.00
5) Phenol-d6	7.34	99	2410	0.81	ng	0.00
8) Nitrobenzene-d5	9.36	82	1110m	0.31	ng	0.02
13) 2,4,6-Tribromophenol	16.33	330	583	0.64	ng	0.04
14) 2-Fluorobiphenyl	13.42	172	3455	0.37	ng	0.00
26) Terphenyl-d14	20.16	244	4858	0.45	ng	0.00
Target Compounds						
21) Phenanthrene	17.58	178	567	0.03	ng	Qvalue # 93
23) Fluoranthene	19.58	202	3085	0.04	ng	95
25) Pyrene	19.95	202	3145	0.04	ng	95
27) Benzo(a)anthracene	21.70	228	2977m	0.04	ng	
28) Chrysene	21.75	228	2275m	0.03	ng	
29) Bis(2-ethylhexyl)phthalate	21.61	149	721	0.25	ng	# 73

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

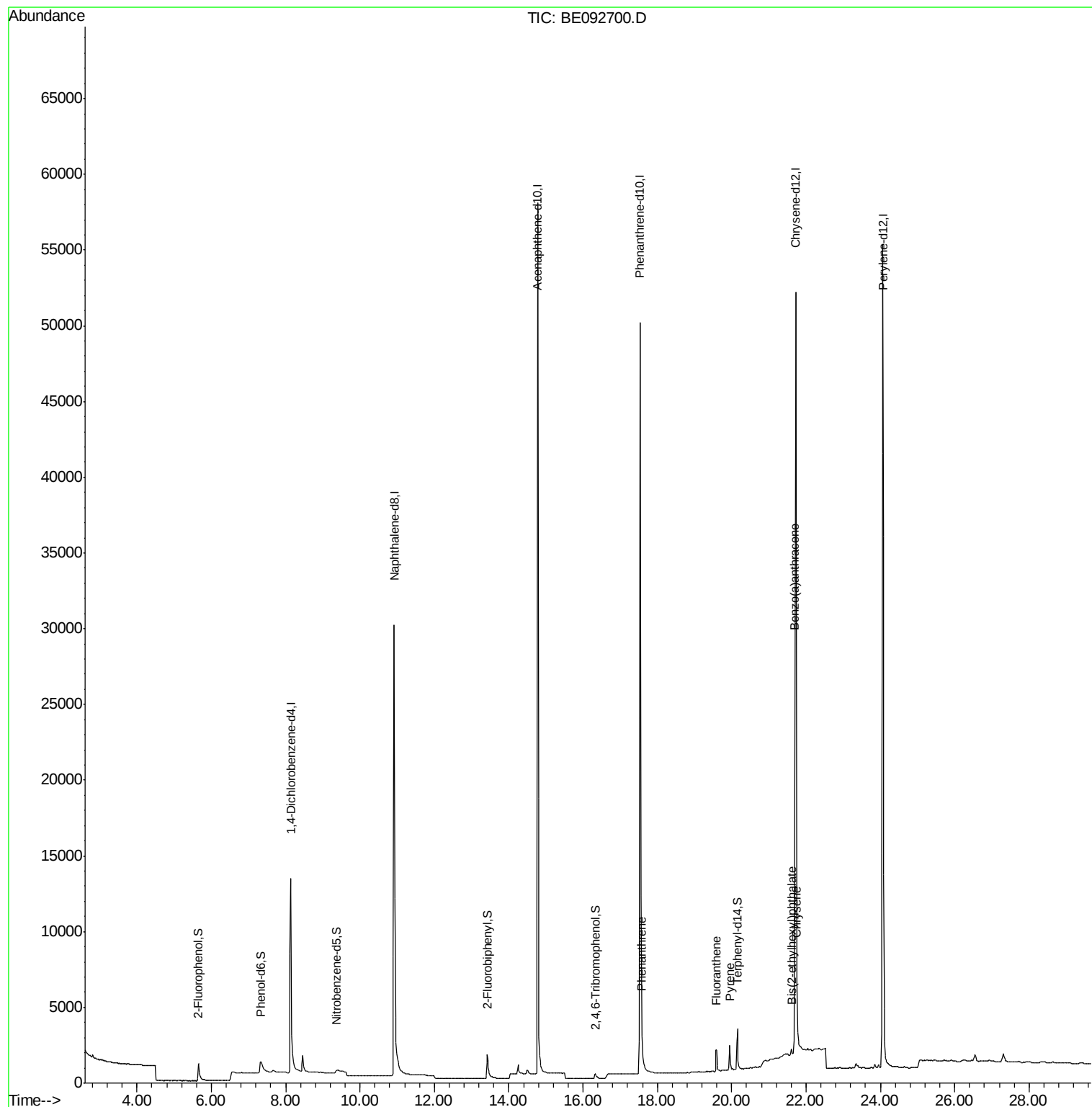
Data Path : Z:\HPCHEM1\BNA E\DATA\BE013117\
Data File : BE092700.D
Acq On : 31 Jan 2017 23:22
Operator : SJ/MA
Sample : I1505-02 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

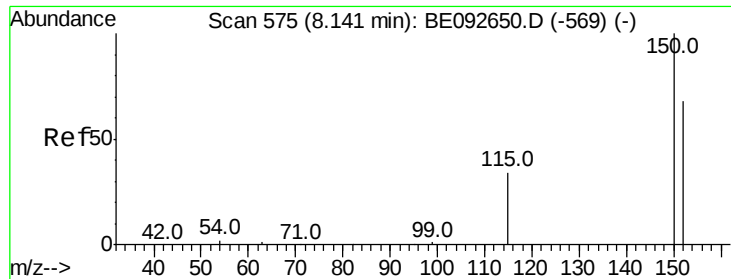
Instrument :
BNA_E
ClientSampleId :
SB-01A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

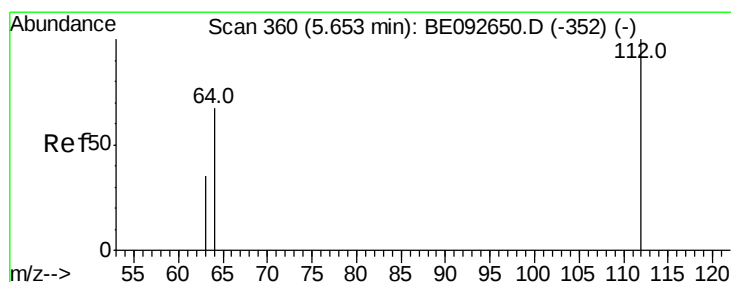
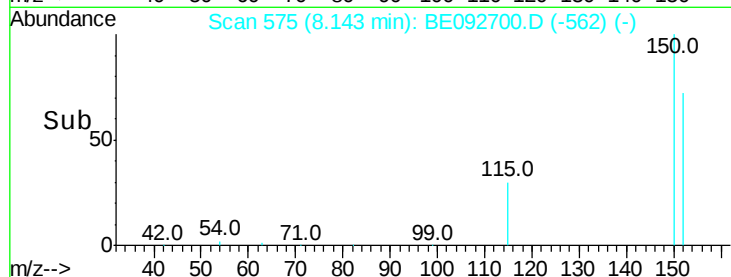
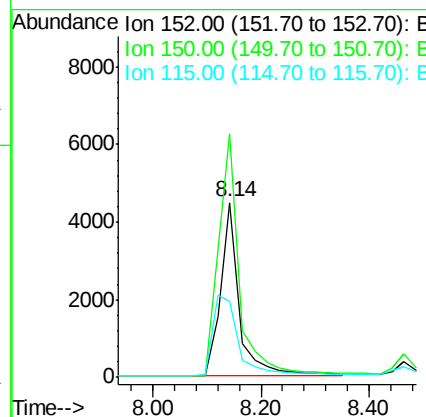
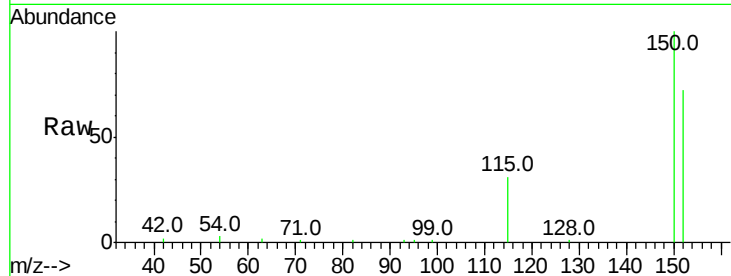
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.14 min Scan# 575
Delta R.T. 0.00 min
Lab File: BE092700.D
Acq: 31 Jan 2017 23:22

Instrument :
BNA_E
ClientSampleId :
SB-01A

Tot Ion	Ratio	Lower	Upper
152	100		
150	139.3	106.0	159.0
115	43.3	31.2	46.8

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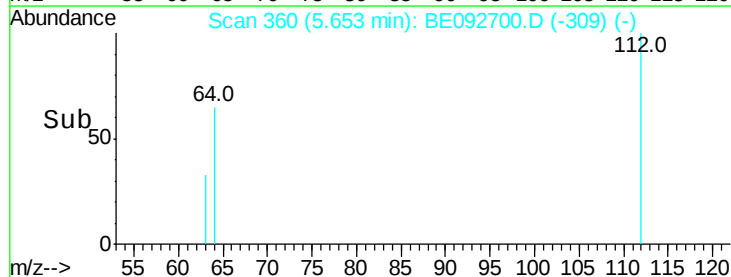
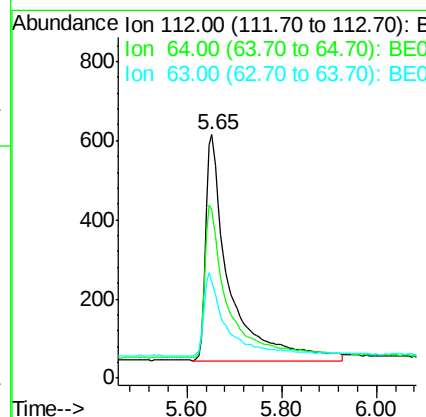
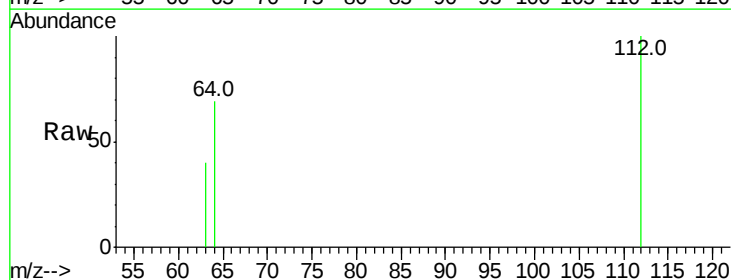
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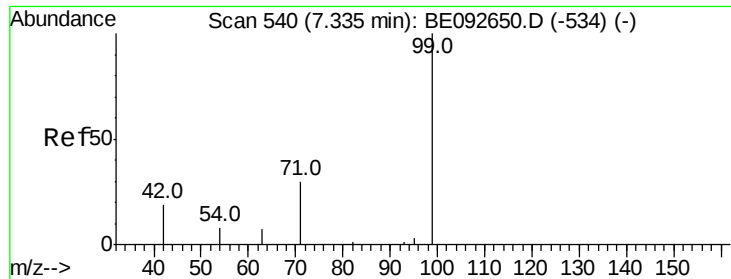


#4

2-Fluorophenol
Concen: 0.81 ng
RT: 5.65 min Scan# 360
Delta R.T. -0.00 min
Lab File: BE092700.D
Acq: 31 Jan 2017 23:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.3	53.5	80.3
63	33.9	27.9	41.9





#5

Phenol-d6

Concen: 0.81 ng

RT: 7.34 min Scan# 540

Delta R.T. 0.00 min

Lab File: BE092700.D

Acq: 31 Jan 2017 23:22

Instrument :

BNA_E

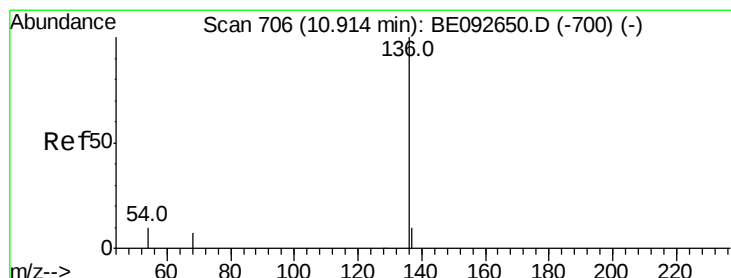
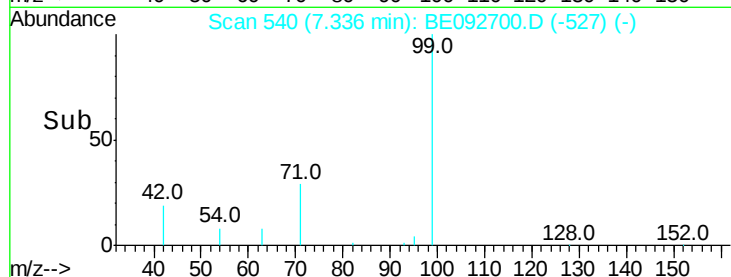
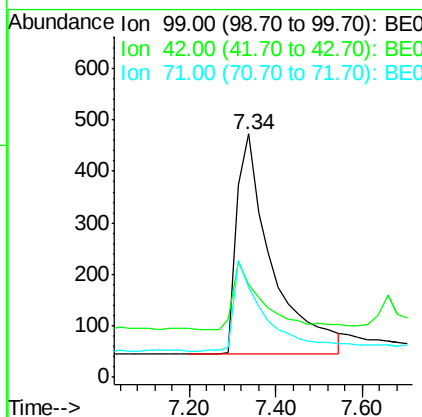
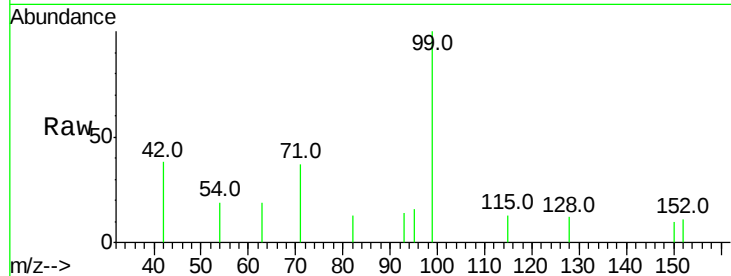
ClientSampleId :

SB-01A

Tot Ion:	99	Resp:	2410
Ion Ratio	Lower	Upper	
99	100		
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

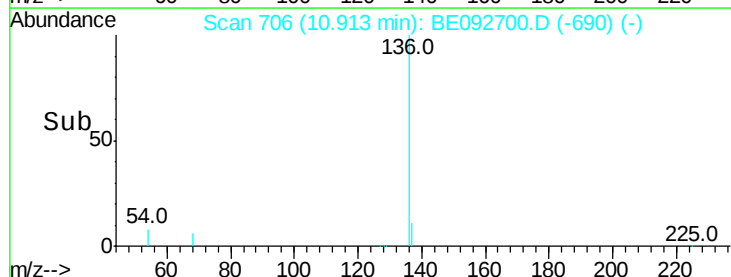
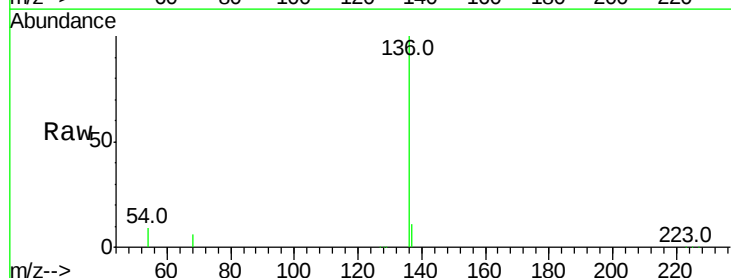
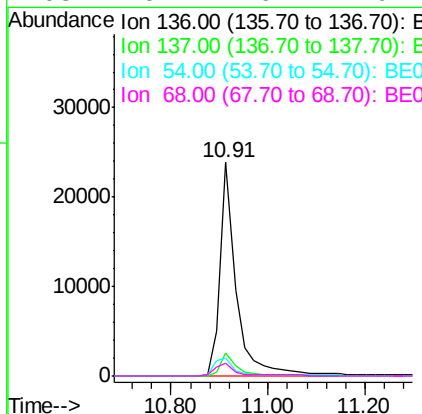
RT: 10.91 min Scan# 706

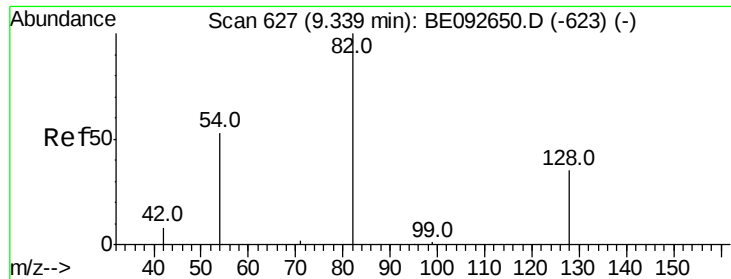
Delta R.T. -0.00 min

Lab File: BE092700.D

Acq: 31 Jan 2017 23:22

Tgt Ion:	136	Resp:	55041
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.2	12.4
54	8.5	9.6	14.4#
68	6.1	6.7	10.1#





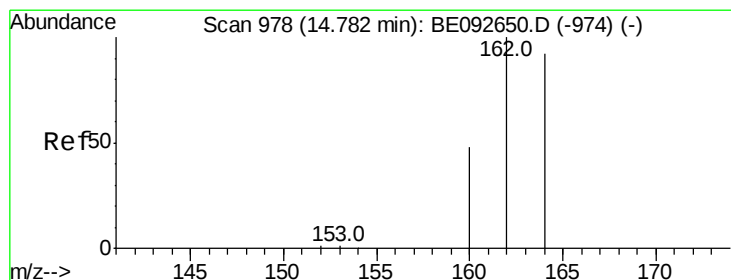
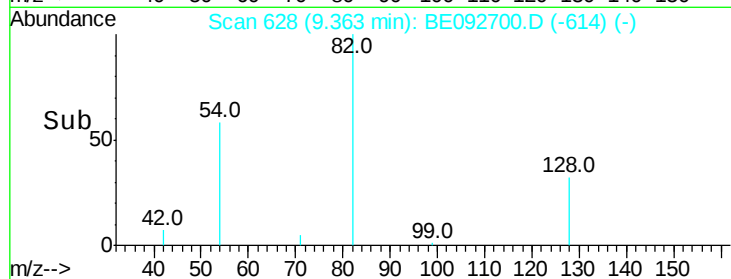
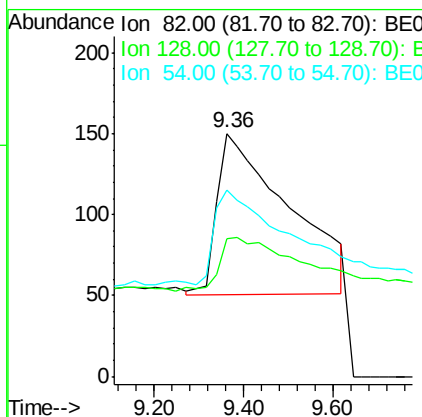
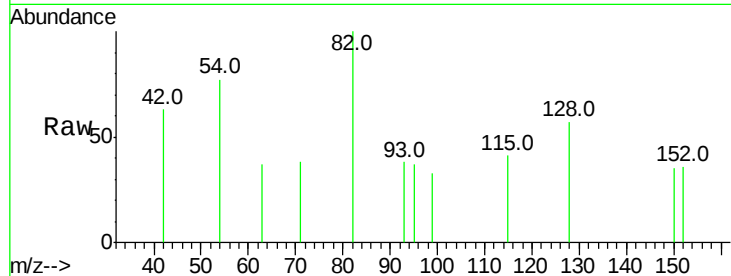
#8
 Nitrobenzene-d5
 Concen: 0.31 ng/ml
 RT: 9.36 min Scan# 628
 Delta R.T. 0.02 min
 Lab File: BE092700.D
 Acq: 31 Jan 2017 23:22

Instrument :
 BNA_E
 ClientSampleID :
 SB-01A

Tot Ion:	82	Resp:	1110
Ion	Ratio	Lower	Upper
82	100		
128	56.7	39.0	58.4
54	76.7	44.8	67.2

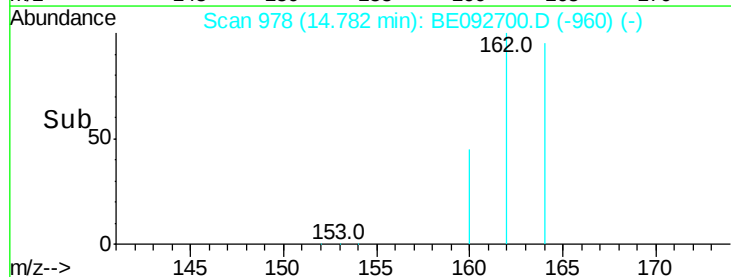
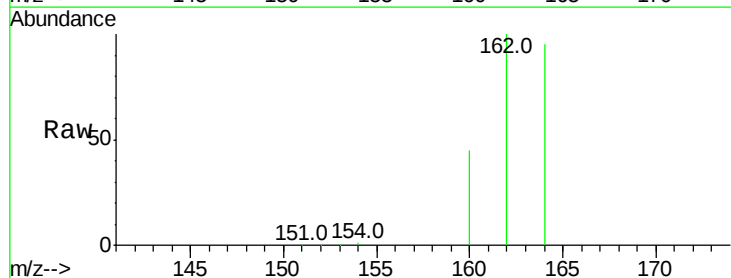
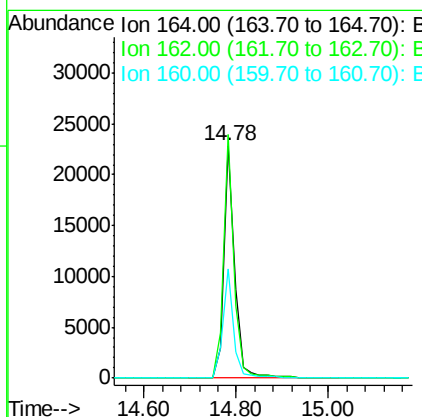
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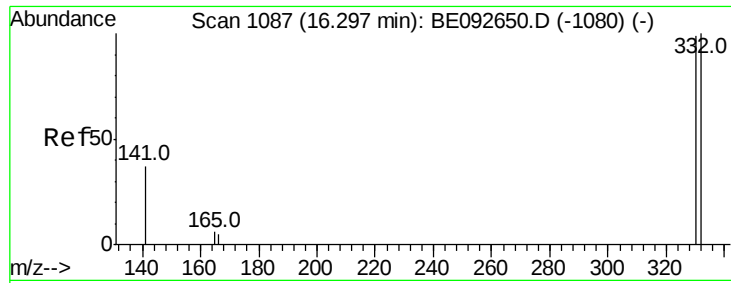
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#12
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.78 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BE092700.D
 Acq: 31 Jan 2017 23:22

Tgt Ion:	164	Resp:	37757
Ion	Ratio	Lower	Upper
164	100		
162	104.8	71.4	107.0
160	47.0	27.4	41.2





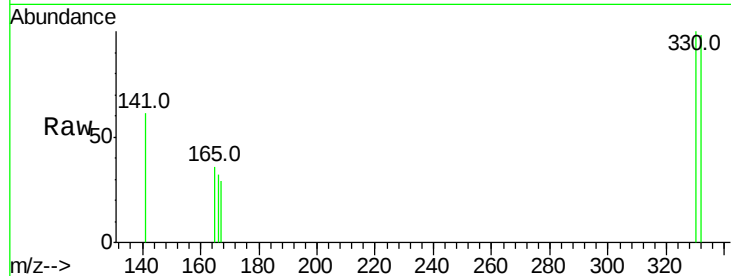
#13
 2,4,6-Tribromophenol
 Concen: 0.64 ng
 RT: 16.33 min Scan# 1090
 Delta R.T. 0.04 min
 Lab File: BE092700.D
 Acq: 31 Jan 2017 23:22

Instrument :
 BNA_E
 ClientSampleId :
 SB-01A

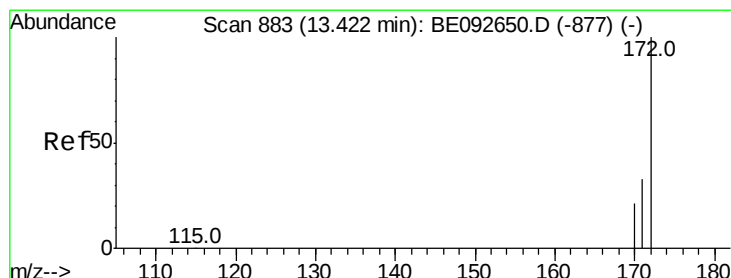
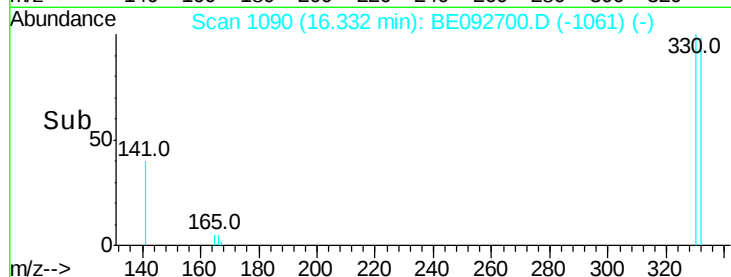
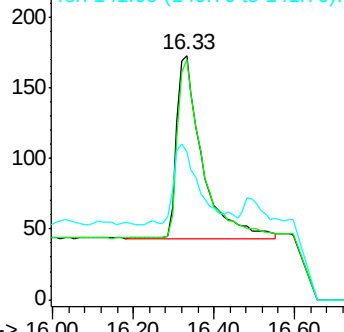
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	75.4	113.0
141	41.9	31.0	46.6

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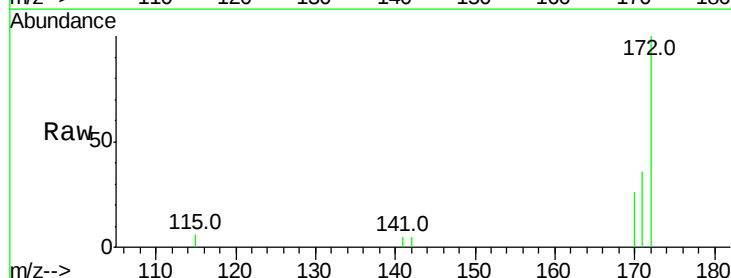


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

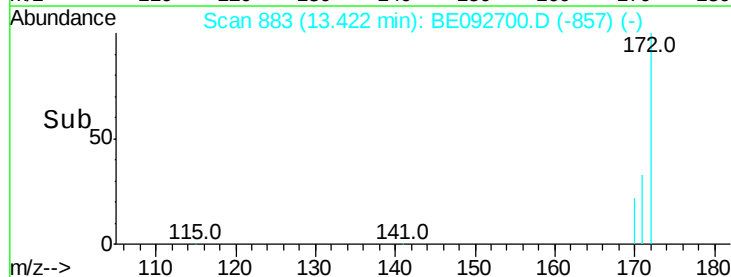
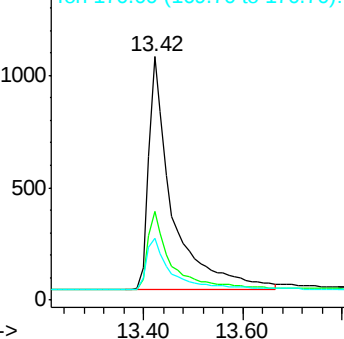


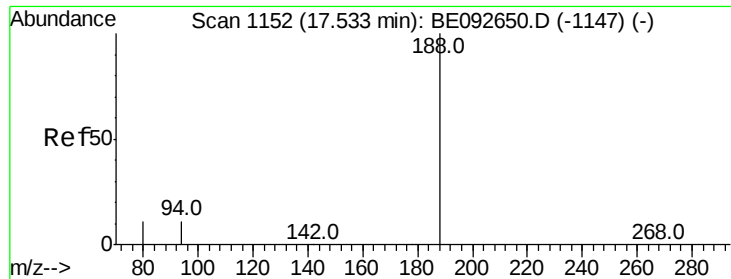
#14
 2-Fluorobiphenyl
 Concen: 0.37 ng
 RT: 13.42 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BE092700.D
 Acq: 31 Jan 2017 23:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.1	45.1
170	25.6	21.8	32.6



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





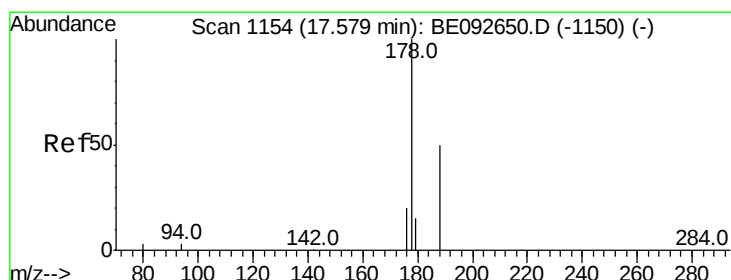
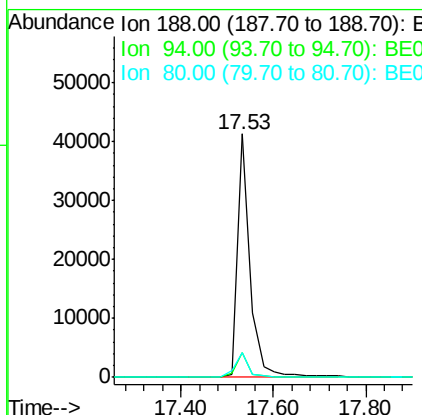
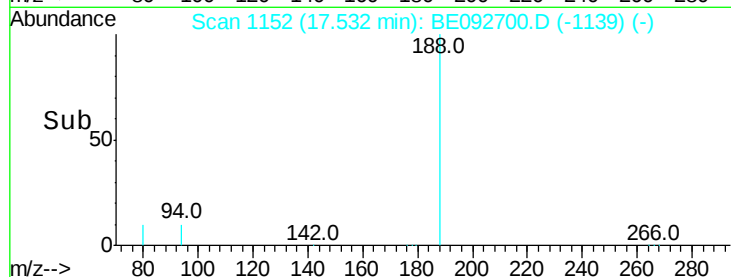
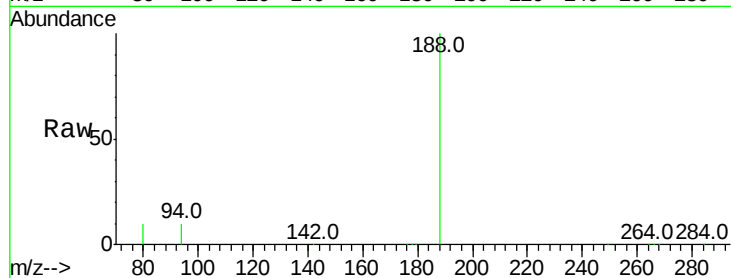
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.53 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE092700.D
Acq: 31 Jan 2017 23:22

Instrument :
BNA_E
ClientSampled :
SB-01A

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.0	3.2	4.8#
80	10.0	2.6	3.8#

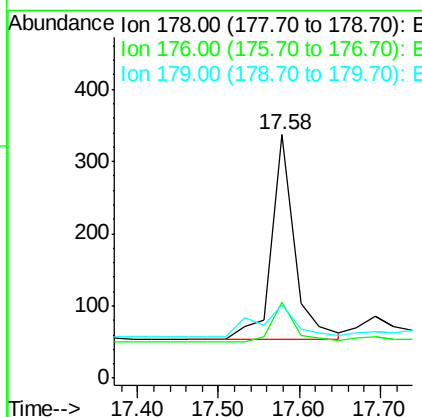
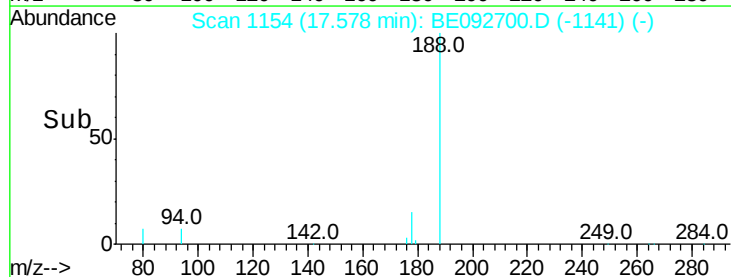
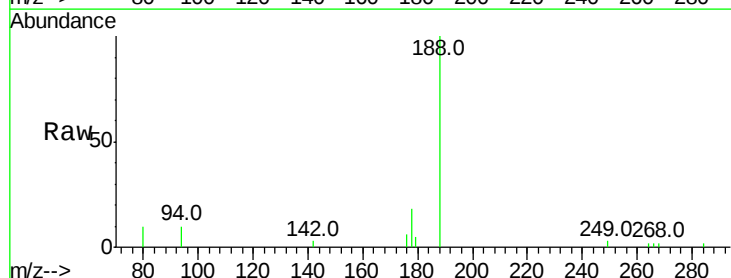
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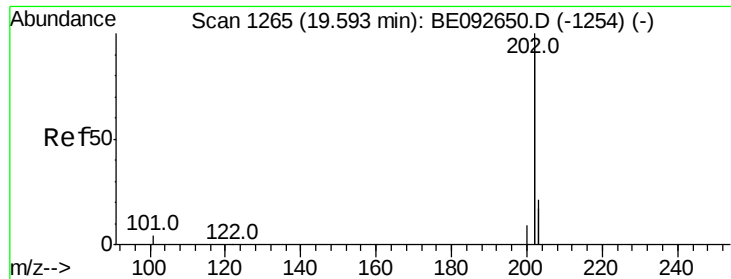
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#21
Phenanthrene
Concen: 0.03 ng
RT: 17.58 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE092700.D
Acq: 31 Jan 2017 23:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.8
179	26.3	16.0	24.0#





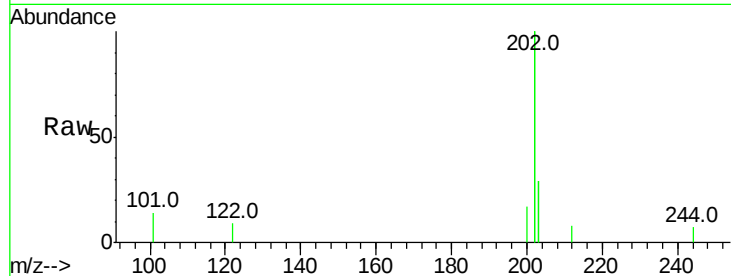
#23
 Fluoranthene
 Concen: 0.04 ng
 RT: 19.58 min Scan# 1264
 Delta R.T. -0.02 min
 Lab File: BE092700.D
 Acq: 31 Jan 2017 23:22

Instrument :
 BNA_E
 ClientSampleId :
 SB-01A

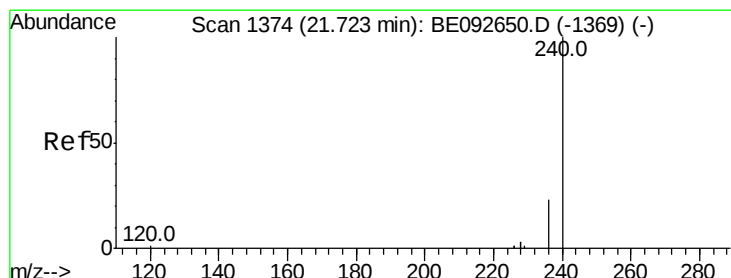
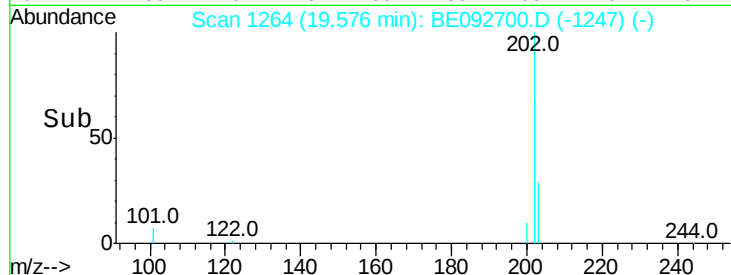
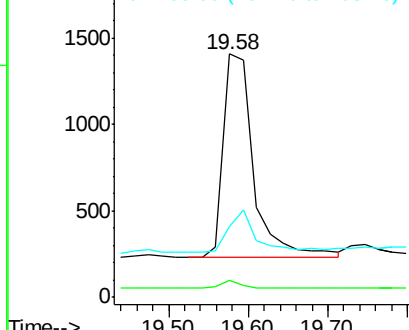
Tot Ion	Ratio	Lower	Upper
202	100		
101	2.9	2.2	3.4
203	19.4	13.7	20.5

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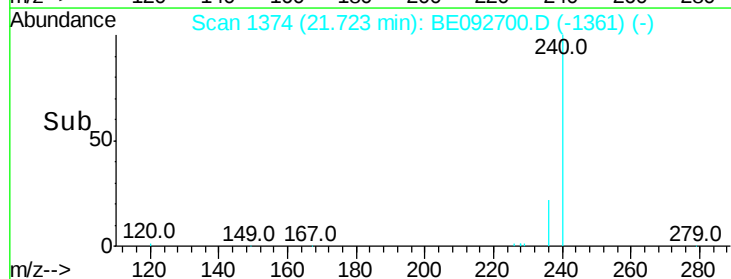
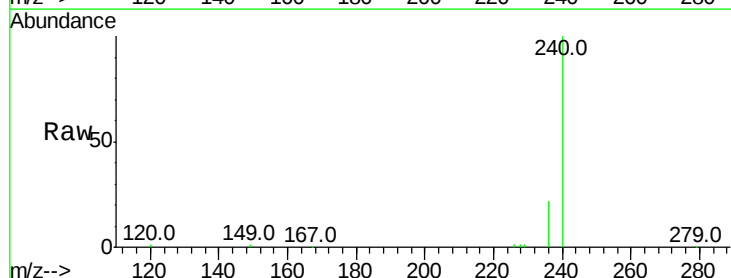
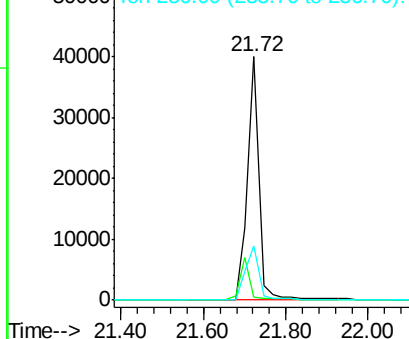
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

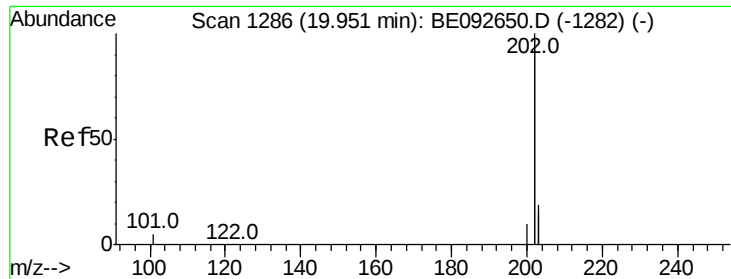


#24
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.72 min Scan# 1374
 Delta R.T. -0.00 min
 Lab File: BE092700.D
 Acq: 31 Jan 2017 23:22

Tgt Ion	Ratio	Lower	Upper
240	100		
120	1.3	2.6	4.0#
236	22.2	24.6	37.0#

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





#25

Pvrene

Concen: 0.04 ng

RT: 19.95 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BE092700.D

Acq: 31 Jan 2017 23:22

Instrument :

BNA_E

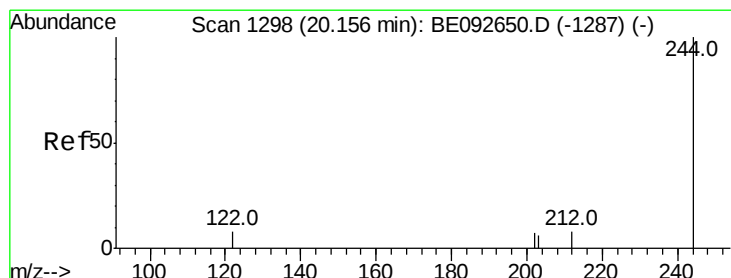
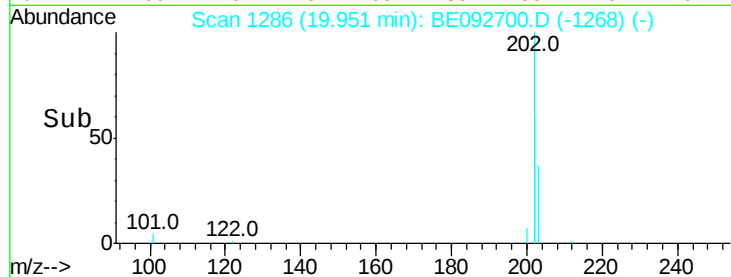
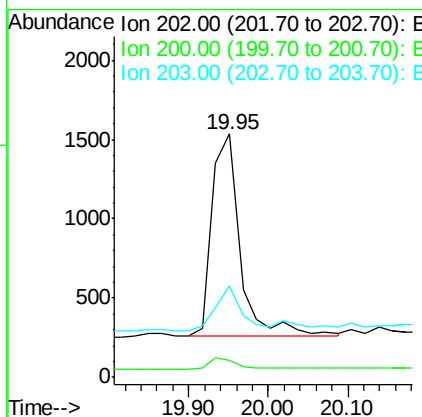
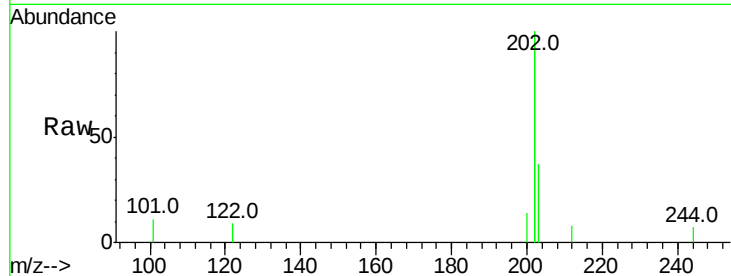
ClientSampleId :

SB-01A

Tot Ion:	202	Resp:	3145
Ion Ratio	Lower	Upper	
202	100		
200	5.2	4.2	6.4
203	20.3	13.9	20.9

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#26

Terphenyl-d14

Concen: 0.45 ng

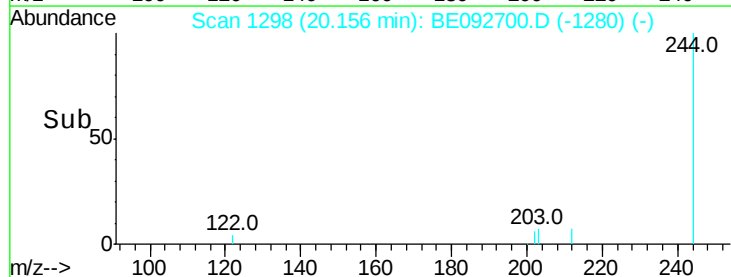
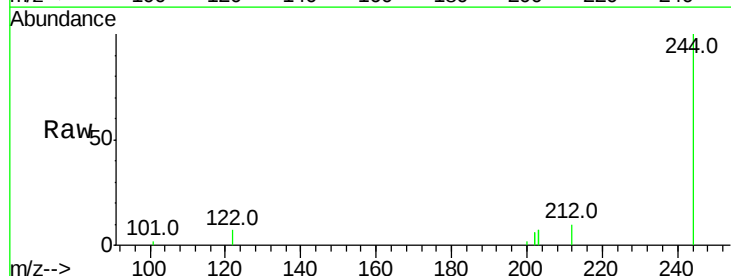
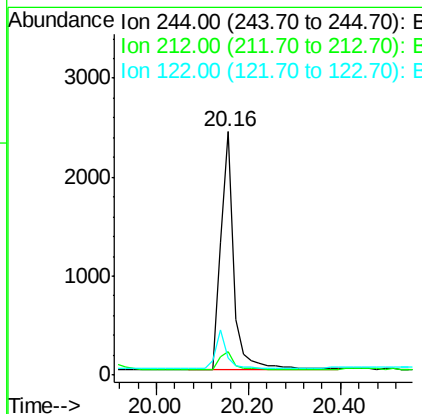
RT: 20.16 min Scan# 1298

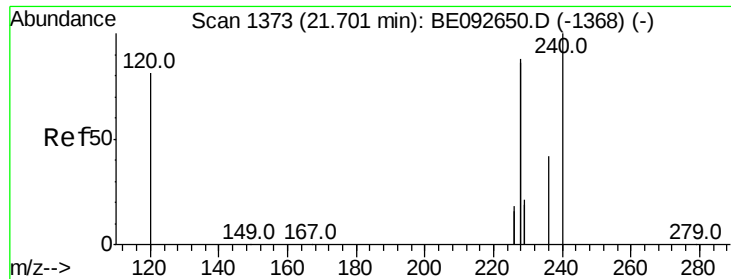
Delta R.T. -0.00 min

Lab File: BE092700.D

Acq: 31 Jan 2017 23:22

Tgt Ion:	244	Resp:	4858
Ion Ratio	Lower	Upper	
244	100		
212	9.5	6.7	10.1
122	6.8	3.6	5.4#





#27

Benzo(a)anthracene

Concen: 0.04 ng m

RT: 21.70 min Scan# 1373

Delta R.T. -0.00 min

Lab File: BE092700.D

Acq: 31 Jan 2017 23:22

Instrument :

BNA_E

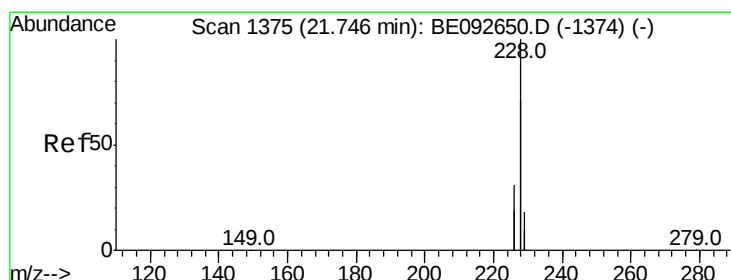
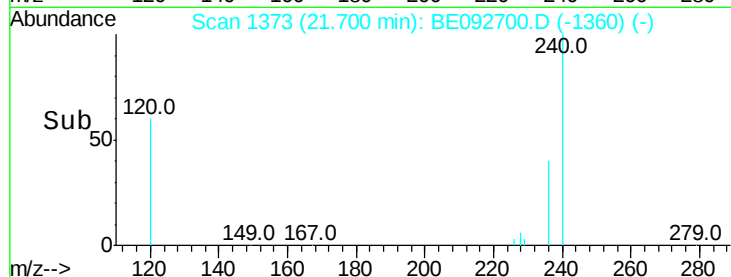
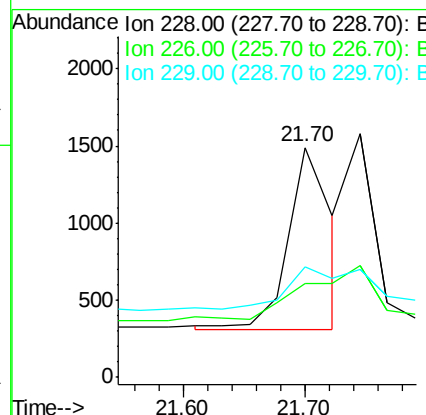
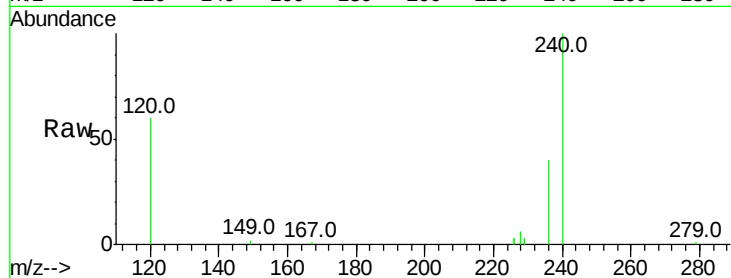
ClientSampleId :

SB-01A

Tot Ion:	228	Resp:	2977
Ion	Ratio	Lower	Upper
228	100		
226	41.0	23.6	35.4#
229	48.1	13.3	19.9#

Manual Integrations
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2/1/2017 2:29:11 PM



#28

Chrysene

Concen: 0.03 ng m

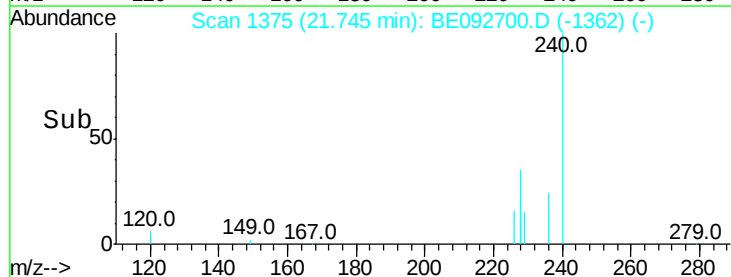
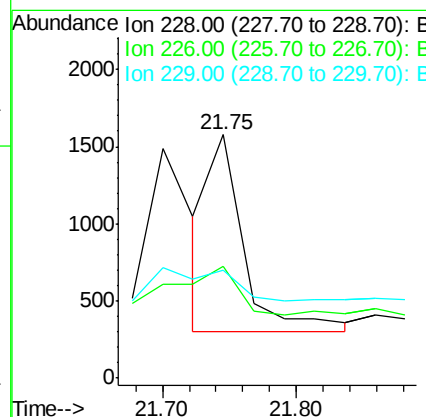
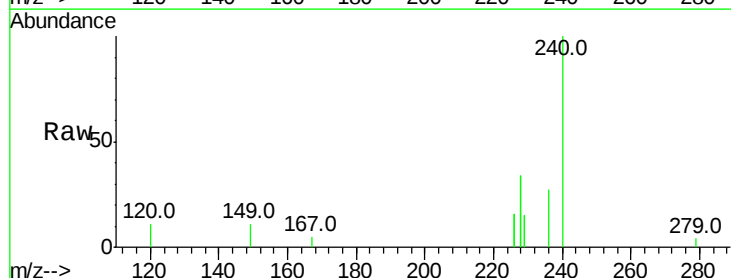
RT: 21.75 min Scan# 1375

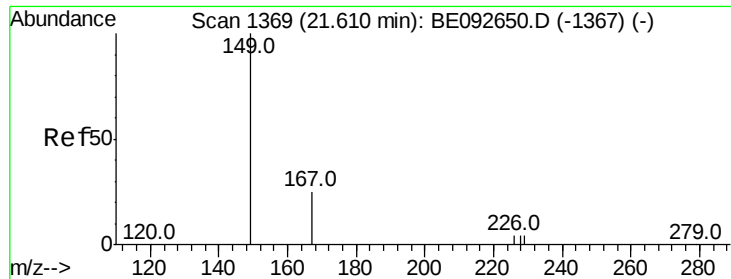
Delta R.T. -0.00 min

Lab File: BE092700.D

Acq: 31 Jan 2017 23:22

Tgt Ion:	228	Resp:	2275
Ion	Ratio	Lower	Upper
228	100		
226	46.1	36.3	54.5
229	44.1	10.6	16.0#





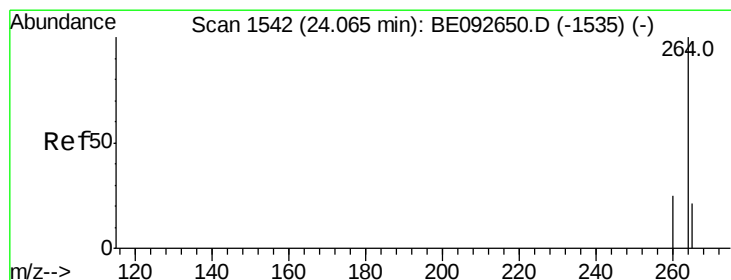
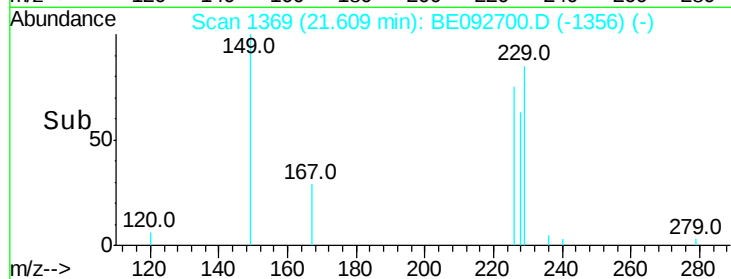
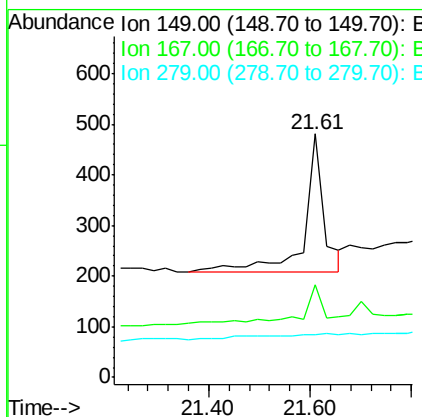
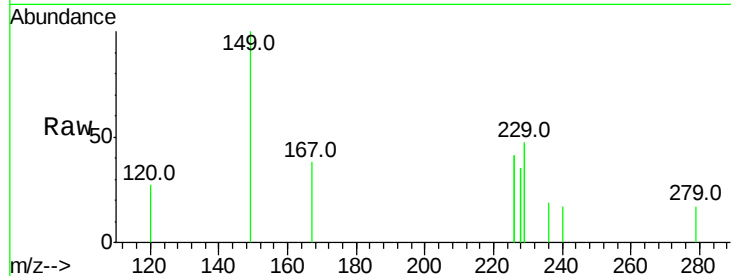
#29
 Bis(2-ethylhexyl)phthalate
 Concen: 0.25 ng
 RT: 21.61 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: BE092700.D
 Acq: 31 Jan 2017 23:22

Instrument :
 BNA_E
 ClientSampled :
 SB-01A

Tot Ion	Ratio	Lower	Upper
149	100		
167	24.8	16.0	24.0#
279	0.0	16.0	24.0#

Manual Integrations
 APPROVED

mohammad
 2/1/2017 2:29:11 PM



#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.06 min Scan# 1542
 Delta R.T. -0.00 min
 Lab File: BE092700.D
 Acq: 31 Jan 2017 23:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.1	30.1
265	21.9	17.9	26.9

