

Data Path : Z:\HPCHEM1\BNA_E\Data\BE121517\
 Data File : BE095000.D
 Acq On : 15 Dec 2017 14:04
 Operator : SJ/JU
 Sample : I6876-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS033-171211

Manual Integrations
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 12/15/2017 7:52:20 PM

Quant Time: Dec 26 06:09:55 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 18:42:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.47	152	7041	0.40	ng	0.00
7) Naphthalene-d8	11.31	136	14882	0.40	ng	-0.02
13) Acenaphthene-d10	15.06	164	8329	0.40	ng	0.00
19) Phenanthrene-d10	17.76	188	19189	0.40	ng	-0.02
27) Chrysene-d12	21.85	240	23241	0.40	ng	-0.02
34) Perylene-d12	24.53	264	17781	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.95	112	1922	0.18	ng	0.00
5) Phenol-d6	7.59	99	1703	0.10	ng	0.00
8) Nitrobenzene-d5	9.65	82	6166	0.50	ng	0.00
11) 2-Methylnaphthalene-d10	12.85	152	9772	0.40	ng	-0.01
14) 2,4,6-Tribromophenol	16.52	330	924	0.48	ng	-0.02
15) 2-Fluorobiphenyl	13.70	172	16145	0.44	ng	0.00
25) Fluoranthene-d10	19.74	212	107015	0.43	ng	-0.01
29) Terphenyl-d14	20.30	244	21972	0.50	ng	-0.02
Target Compounds						
26) Fluoranthene	19.77	202	1563	0.02	ng	Qvalue # 90
30) Benzo(a)anthracene	21.84	228	2739	0.04	ng	# 66
31) Chrysene	21.90	228	2897m	0.04	ng	
32) Bis(2-ethylhexyl)phthalate	21.73	149	3507	0.04	ng	# 95
33) Indeno(1,2,3-cd)pyrene	27.37	276	2552	0.04	ng	98
35) Benzo(b)fluoranthene	23.70	252	2744	0.04	ng	# 82
36) Benzo(k)fluoranthene	23.75	252	2560	0.04	ng	# 67
37) Benzo(a)pyrene	24.41	252	1680	0.03	ng	# 46
38) Dibenzo(a,h)anthracene	27.40	278	2089	0.04	ng	# 78
39) Benzo(g,h,i)perylene	28.26	276	2217	0.04	ng	# 82

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

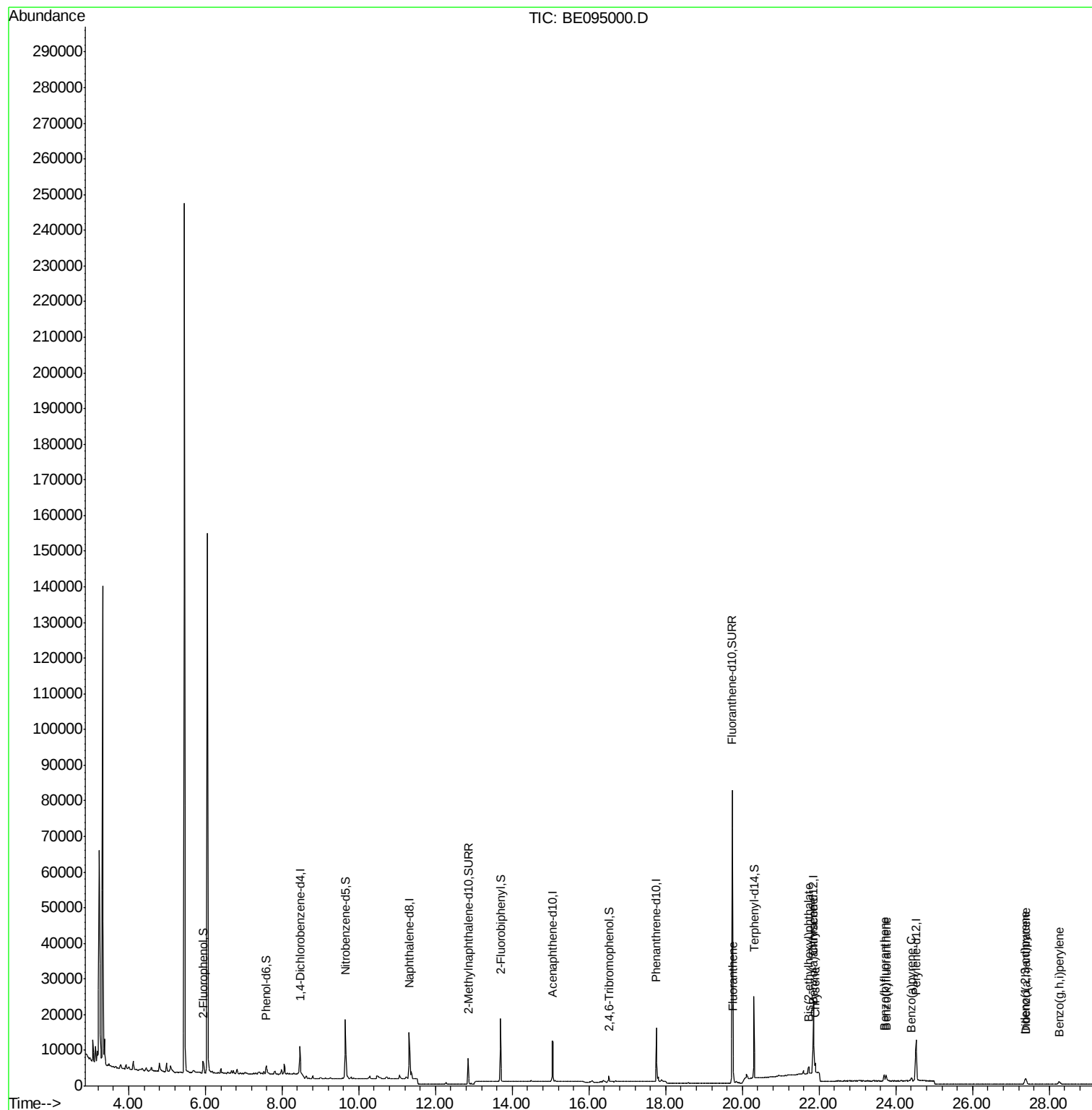
Data Path : Z:\HPCHEM1\BNA_E\Data\BE121517\
Data File : BE095000.D
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ALS Vial : 7 Sample Multiplier: 1

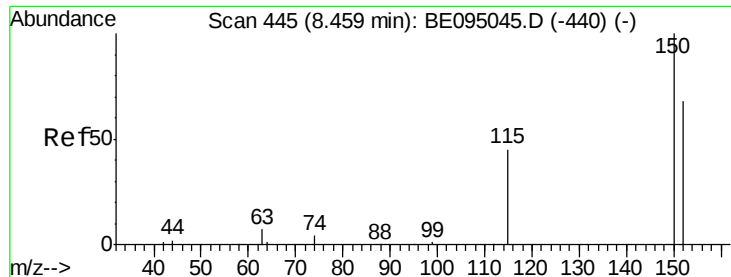
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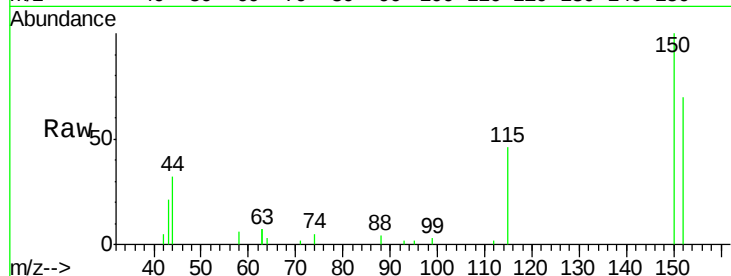




#1

1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 8.47 min Scan# 446
Delta R.T. 0.00 min
Lab File: BE095000.D
Acq: 15 Dec 2017 14:04

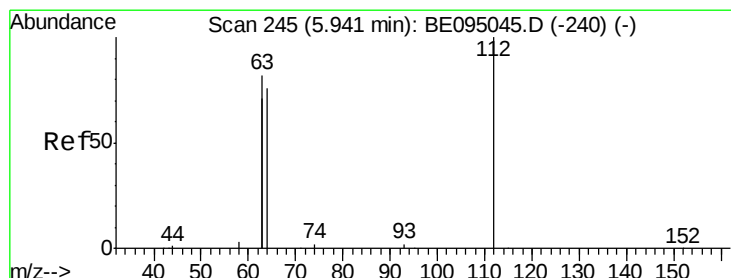
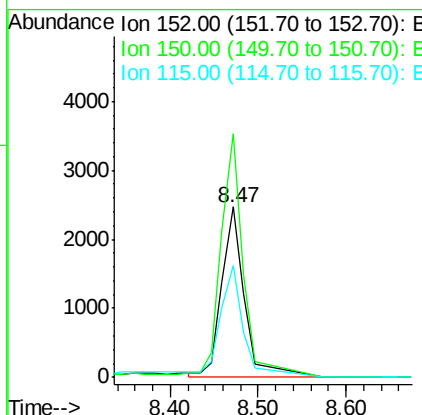
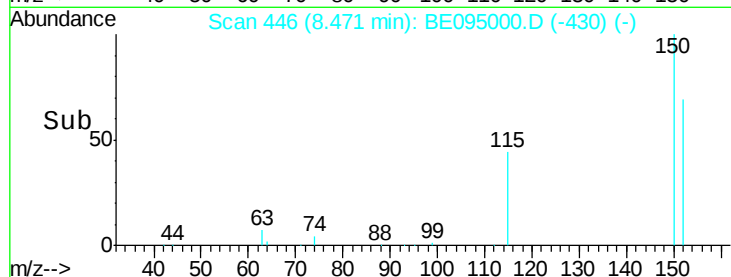
Instrument :
BNA_E
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
152	100		
150	143.0	117.2	175.8
115	65.4	57.0	85.6

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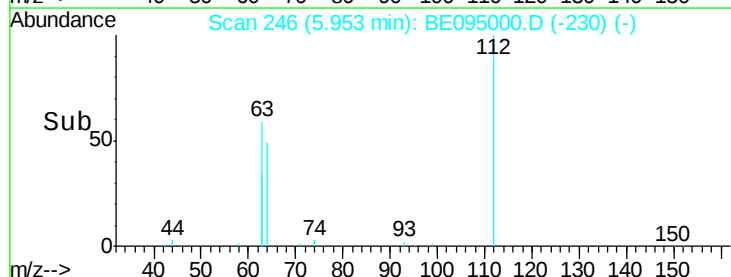
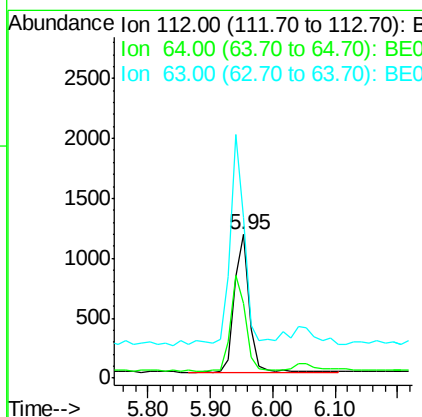
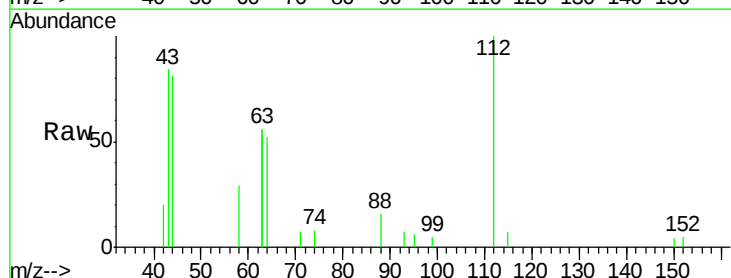
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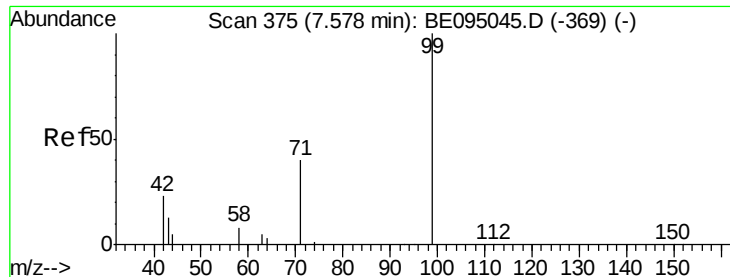


#4

2-Fluorophenol
Concen: 0.18 ng
RT: 5.95 min Scan# 246
Delta R.T. 0.00 min
Lab File: BE095000.D
Acq: 15 Dec 2017 14:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.5	60.1	90.1
63	152.5	116.8	175.2





#5

Phenol-d6

Concen: 0.10 ng

RT: 7.59 min Scan# 376

Delta R.T. 0.00 min

Lab File: BE095000.D

Acq: 15 Dec 2017 14:04

Instrument :

BNA_E

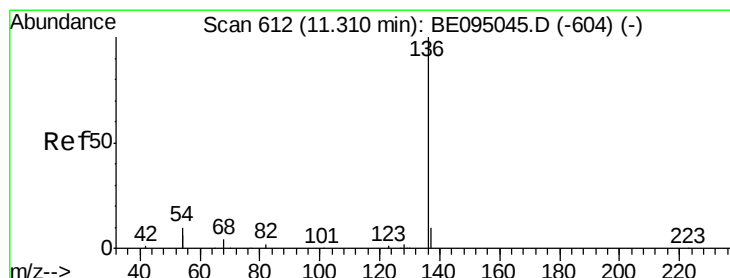
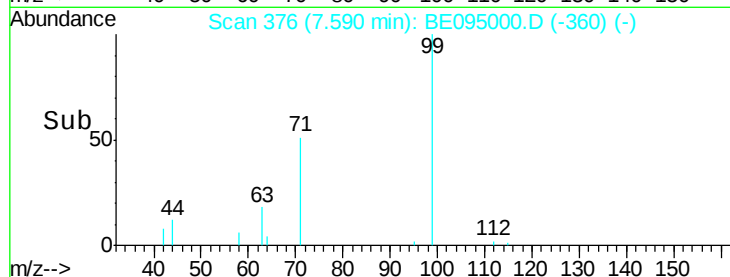
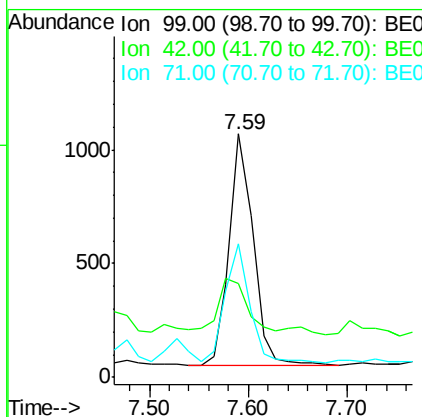
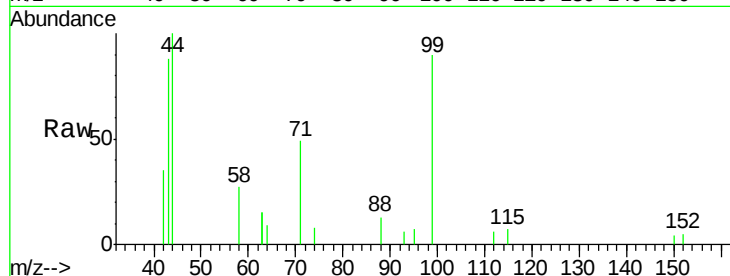
ClientSampleId :

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Tgt Ion:	99	Resp:	1703
Ion Ratio	Lower	Upper	
99	100		
42	27.2	20.2	30.2
71	52.7	28.4	42.6#

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#7

Naphthalene-d8

Concen: 0.40 ng

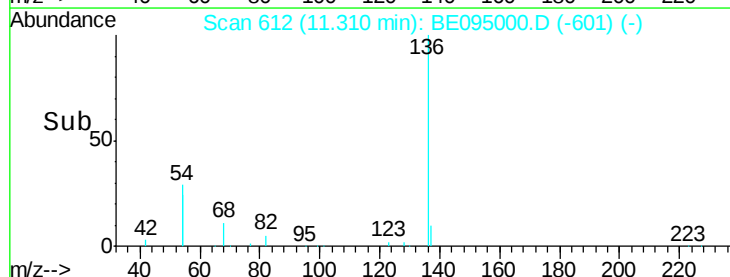
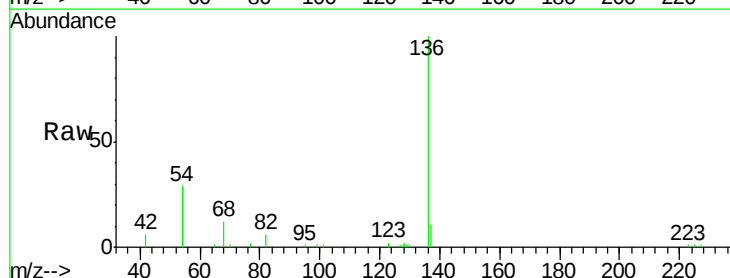
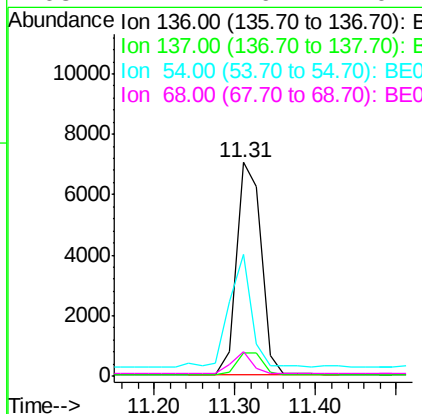
RT: 11.31 min Scan# 612

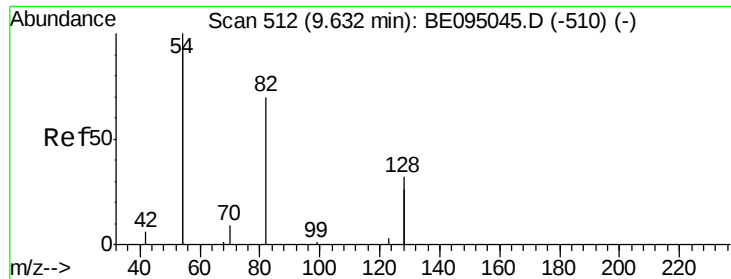
Delta R.T. -0.02 min

Lab File: BE095000.D

Acq: 15 Dec 2017 14:04

Tgt Ion:	136	Resp:	14882
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.5	14.3
54	57.0	29.1	43.7#
68	11.7	6.2	9.2#





#8

Nitrobenzene-d5

Concen: 0.50 ng

RT: 9.65 min Scan# 513

Delta R.T. 0.00 min

Lab File: BE095000.D

Acq: 15 Dec 2017 14:04

Instrument :

BNA_E

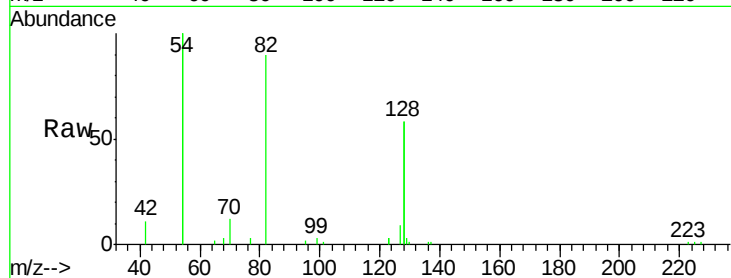
ClientSampleId :

KY038PS033-171211

Tgt Ion	Ratio	Lower	Upper
82	100		
128	129.4	150.0	225.0#
54	223.2	154.2	231.4

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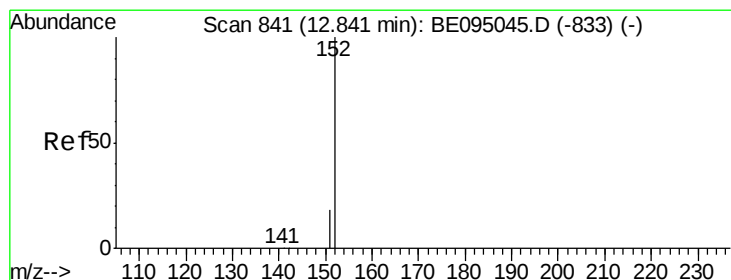
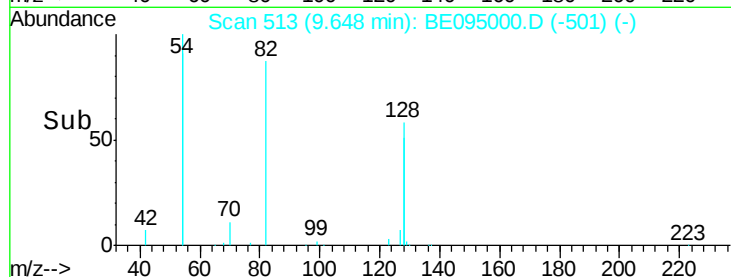
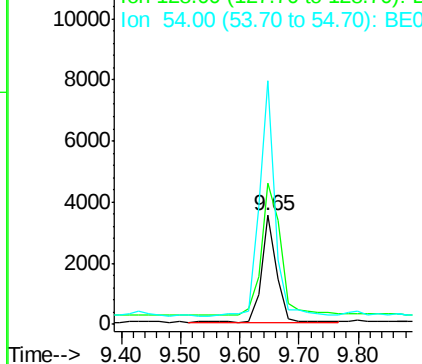
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Abundance Ion 82.00 (81.70 to 82.70): BE095045.D (-510) (-)

Ion 128.00 (127.70 to 128.70): BE095045.D (-510) (-)

Ion 54.00 (53.70 to 54.70): BE095045.D (-510) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.40 ng

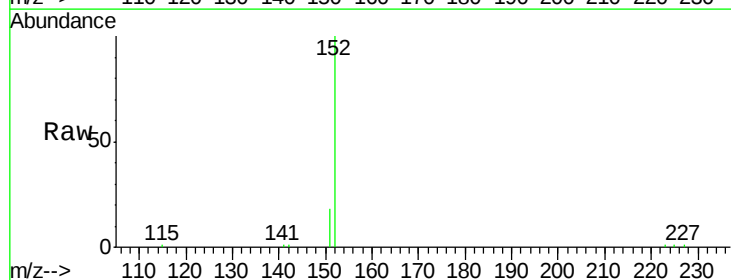
RT: 12.85 min Scan# 843

Delta R.T. -0.01 min

Lab File: BE095000.D

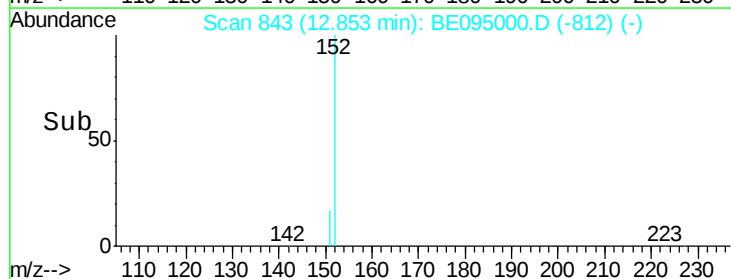
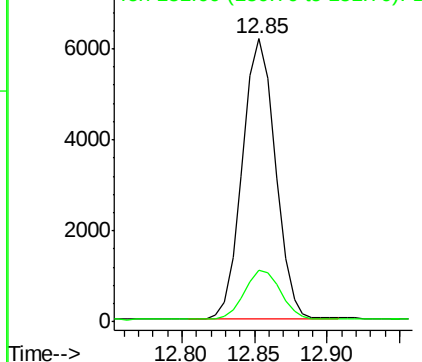
Acq: 15 Dec 2017 14:04

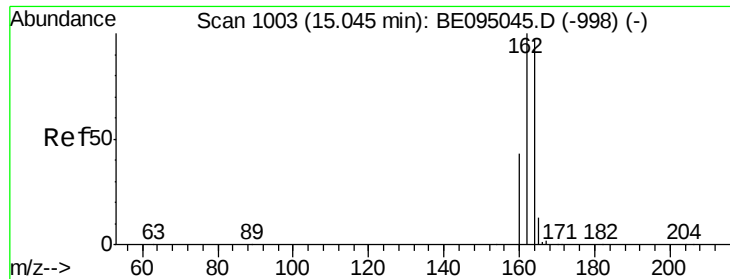
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.0



Abundance Ion 152.00 (151.70 to 152.70): BE095045.D (-833) (-)

Ion 151.00 (150.70 to 151.70): BE095045.D (-833) (-)





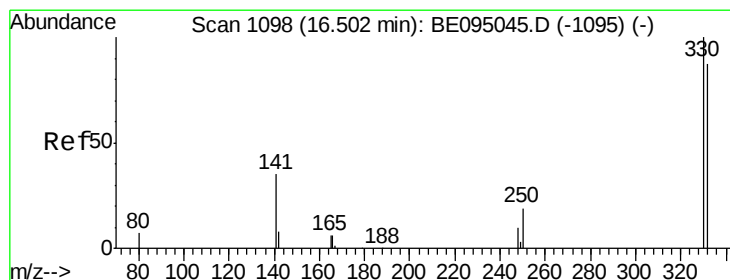
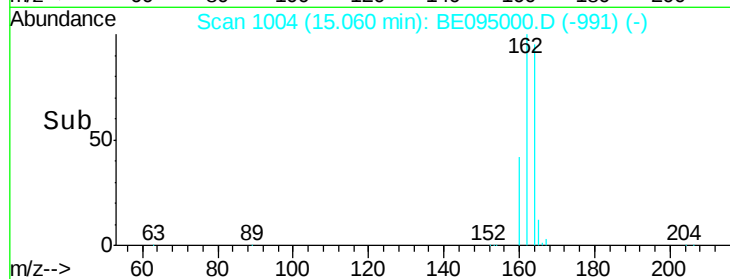
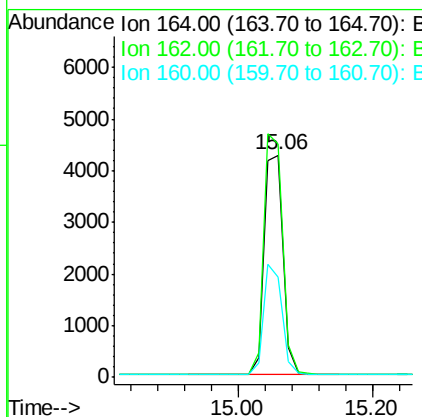
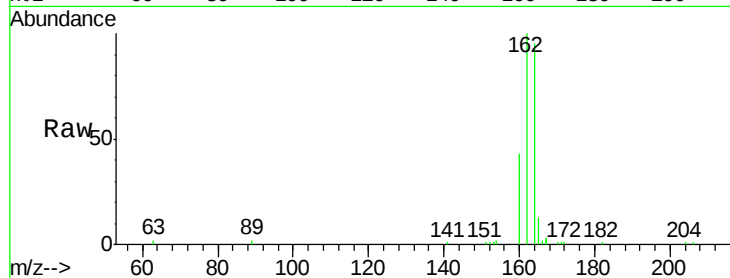
#13
 Acenaphthene-d10
 Concen: 0.40 ng
 RT: 15.06 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BE095000.D
 Acq: 15 Dec 2017 14:04

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS033-171211

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	83.1	124.7
160	45.1	37.1	55.7

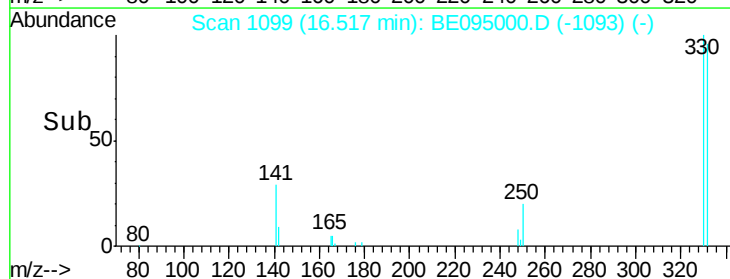
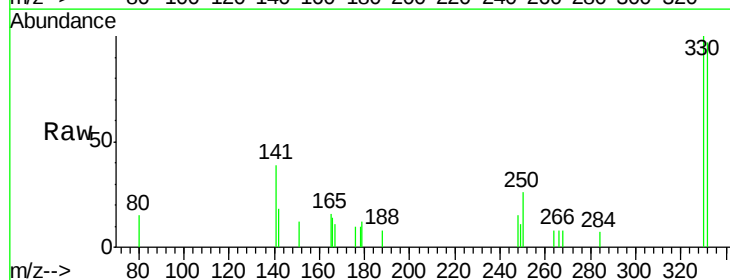
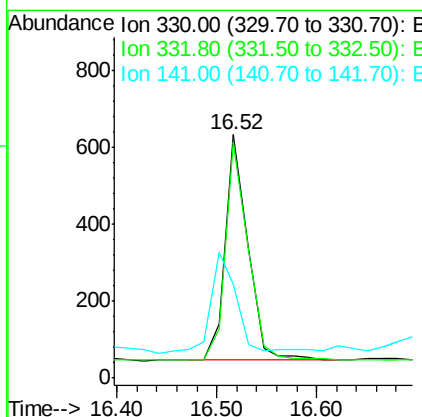
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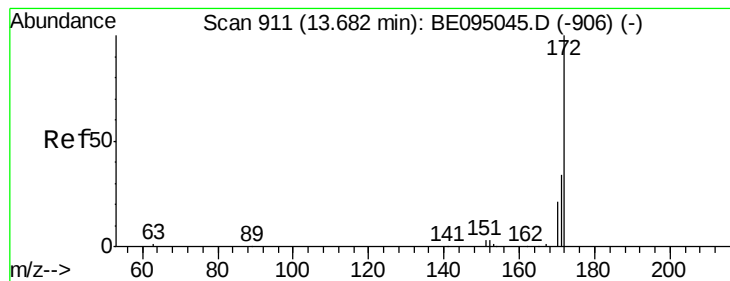
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#14
 2,4,6-Tribromophenol
 Concen: 0.48 ng
 RT: 16.52 min Scan# 1099
 Delta R.T. -0.02 min
 Lab File: BE095000.D
 Acq: 15 Dec 2017 14:04

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.9	152.7	229.1#
141	46.5	33.7	50.5





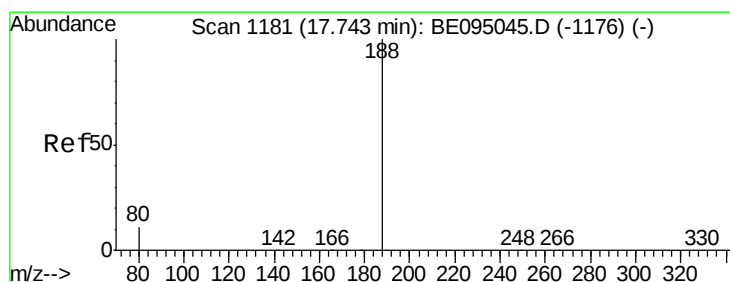
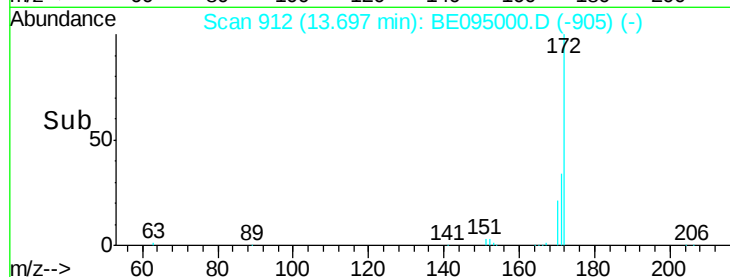
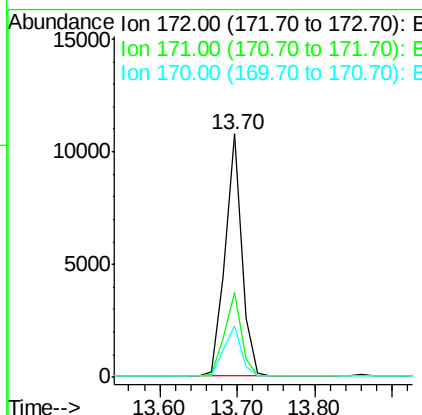
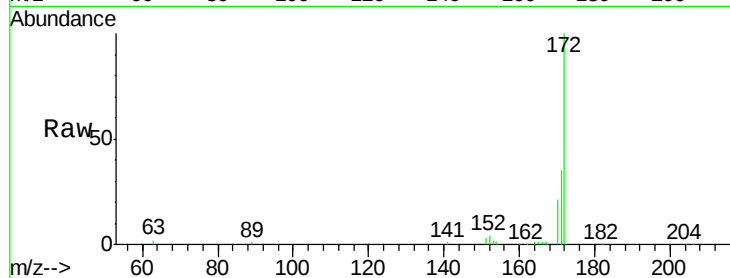
#15
 2-Fluorobiphenyl
 Concen: 0.44 ng
 RT: 13.70 min Scan# 912
 Delta R.T. -0.00 min
 Lab File: BE095000.D
 Acq: 15 Dec 2017 14:04

Instrument :
 BNA_E
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 KY038PS033-171211

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.9	44.9
170	21.0	21.8	32.8

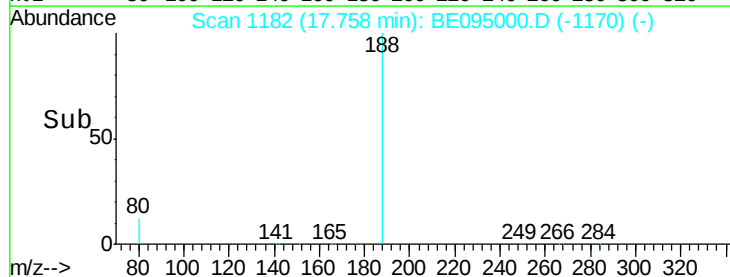
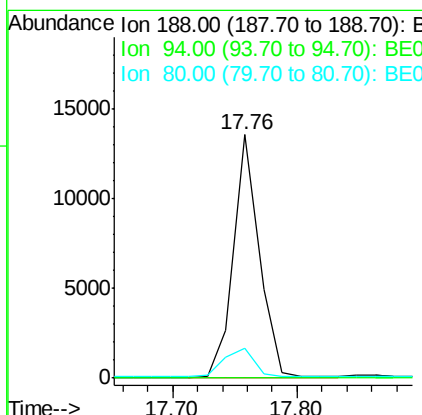
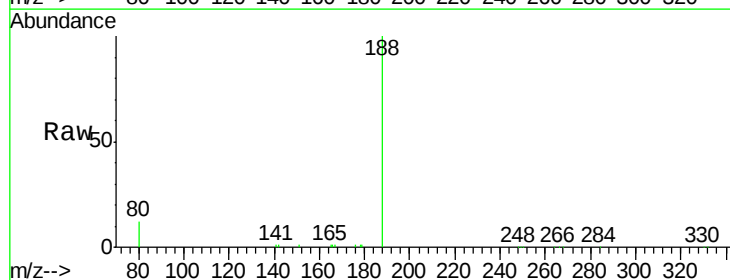
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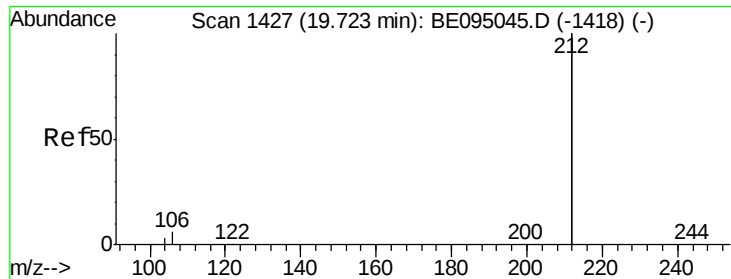
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#19
 Phenanthrene-d10
 Concen: 0.40 ng
 RT: 17.76 min Scan# 1182
 Delta R.T. -0.02 min
 Lab File: BE095000.D
 Acq: 15 Dec 2017 14:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9
80	12.4	3.6	5.4





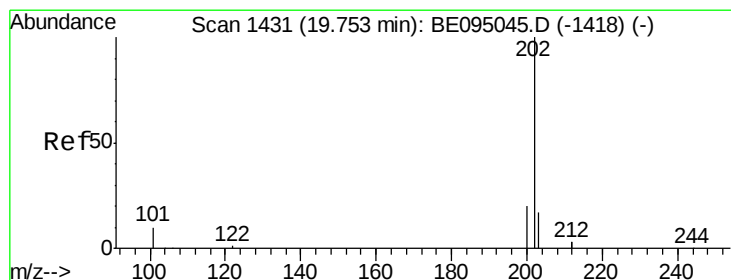
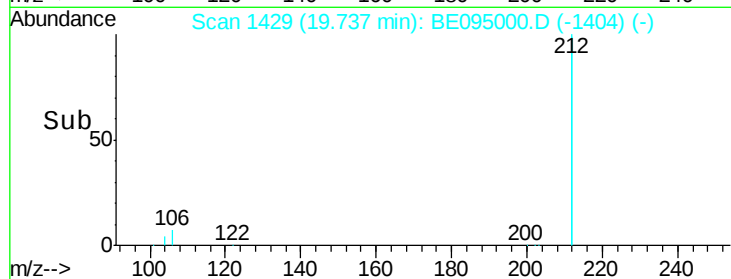
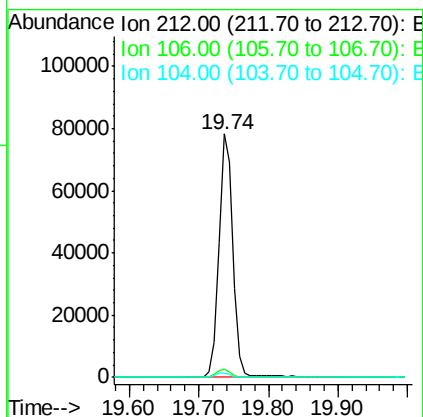
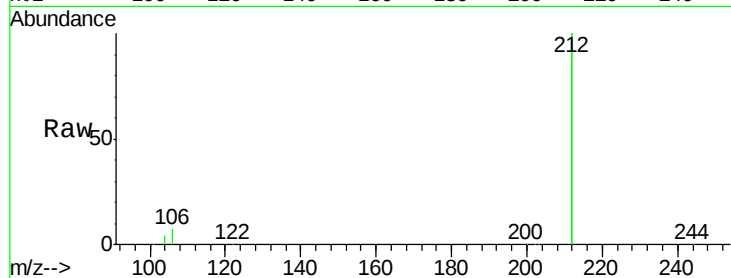
#25
Fluoranthene-d10
Concen: 0.43 ng
RT: 19.74 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BE095000.D
Acq: 15 Dec 2017 14:04

Instrument :
BNA_E
ClientSampleId :
KY038PS033-171211

Tgt Ion	Ratio	Resp Lower	Resp Upper
212	100		
106	3.3	2.8	4.2
104	1.9	1.6	2.4

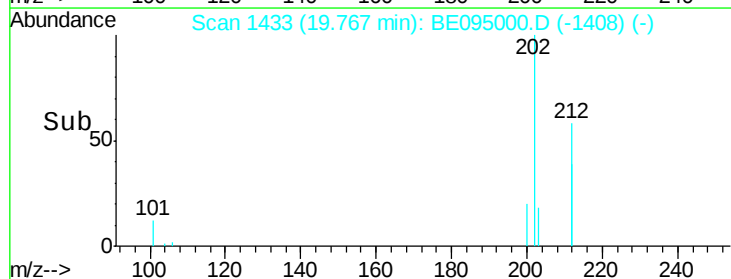
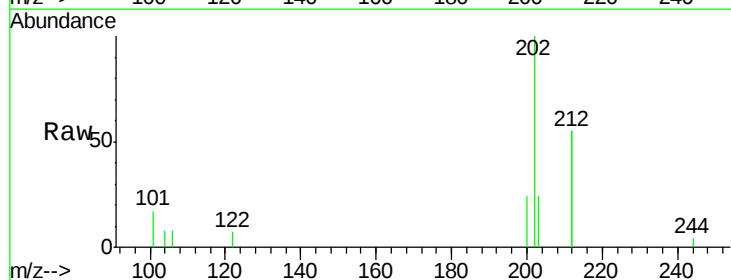
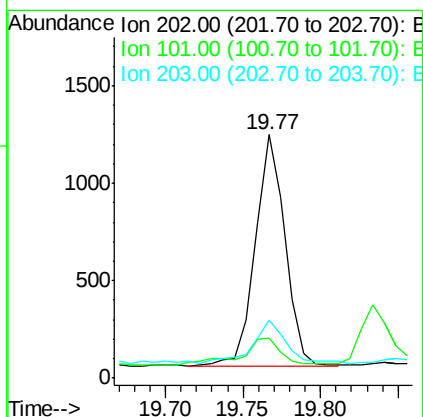
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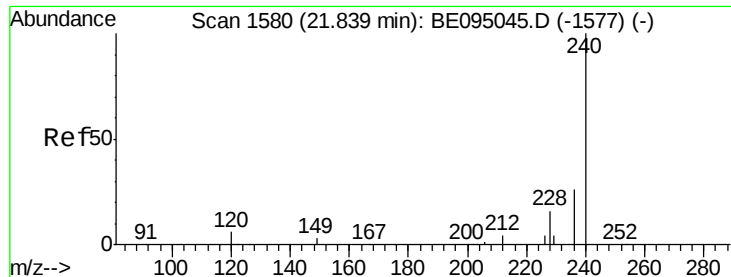
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#26
Fluoranthene
Concen: 0.02 ng
RT: 19.77 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BE095000.D
Acq: 15 Dec 2017 14:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	16.1	9.8	14.8#
203	21.8	13.7	20.5#





#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.85 min Scan# 1581

Delta R.T. -0.02 min

Lab File: BE095000.D

Acq: 15 Dec 2017 14:04

Instrument :

BNA_E

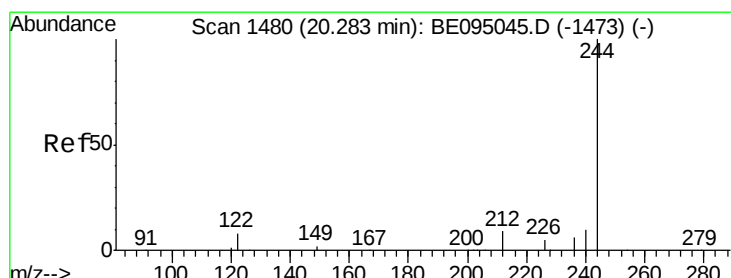
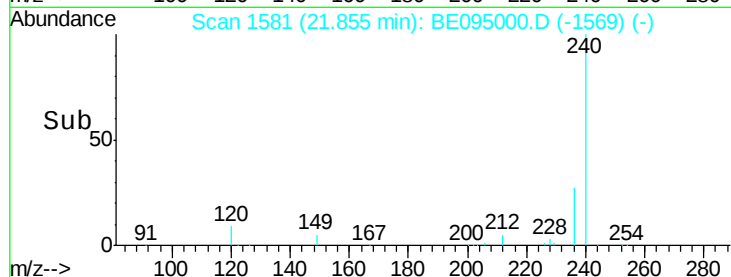
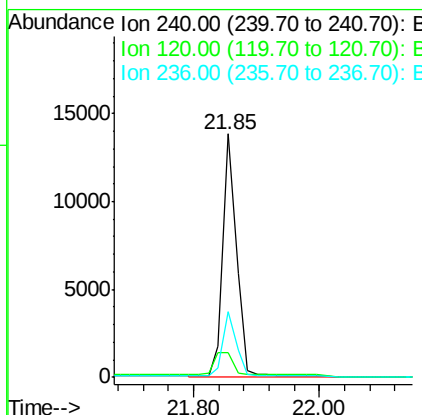
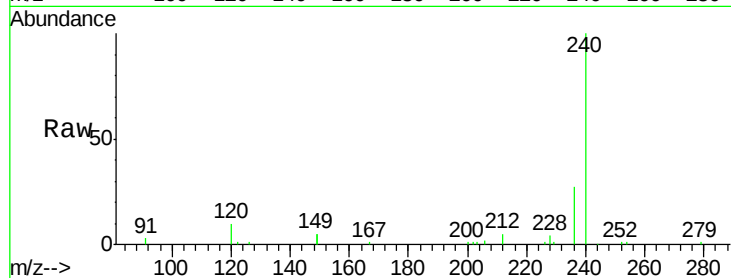
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.0	5.5	8.3#
236	27.2	20.7	31.1

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#29

Terphenyl-d14

Concen: 0.50 ng

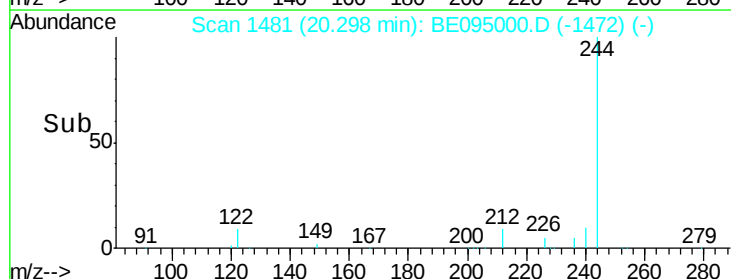
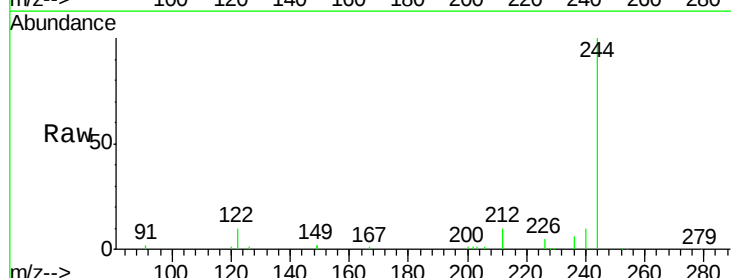
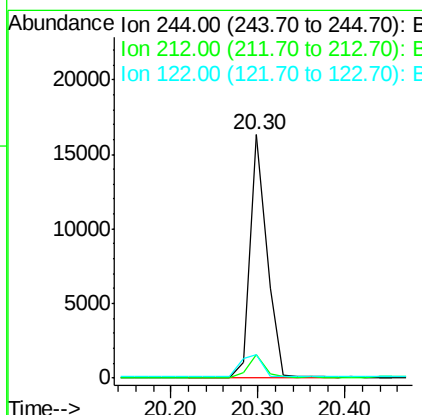
RT: 20.30 min Scan# 1481

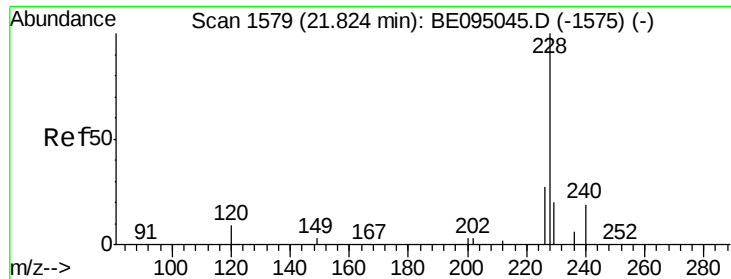
Delta R.T. -0.02 min

Lab File: BE095000.D

Acq: 15 Dec 2017 14:04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.8	25.4	38.0#
122	9.7	8.1	12.1





#30

Benzo(a)anthracene

Concen: 0.04 ng

RT: 21.84 min Scan# 1580

Delta R.T. -0.02 min

Lab File: BE095000.D

Acq: 15 Dec 2017 14:04

Instrument :

BNA_E

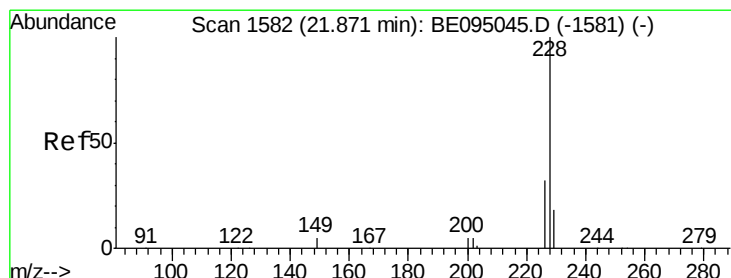
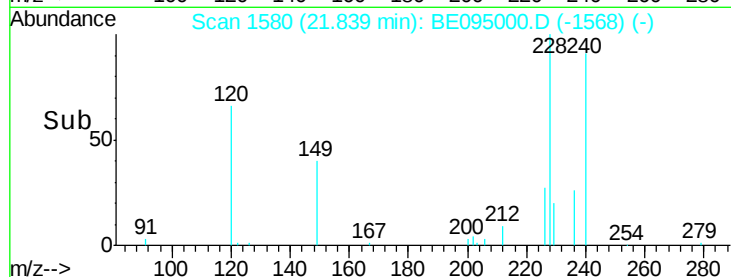
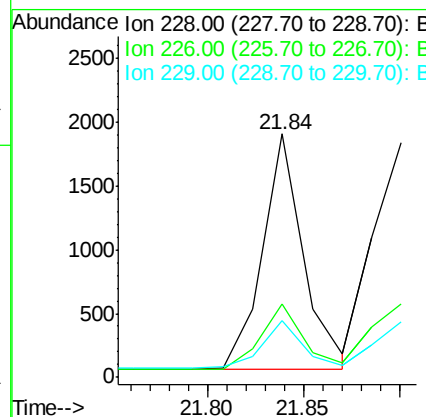
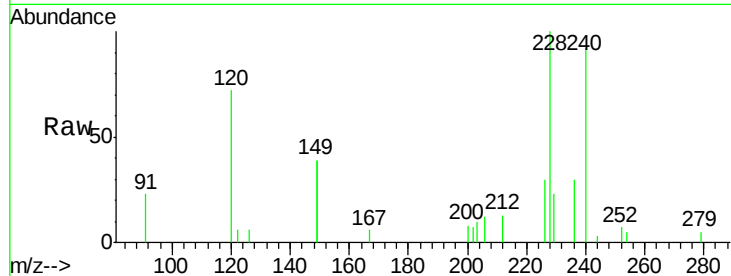
ClientSampleId :

KY038PS033-171211

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	40.0	60.0#
229	23.4	40.0	60.0#

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#31

Chrysene

Concen: 0.04 ng m

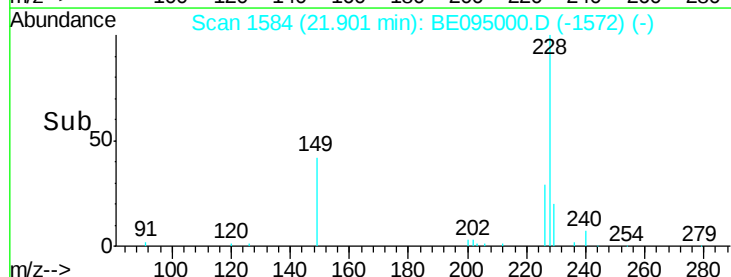
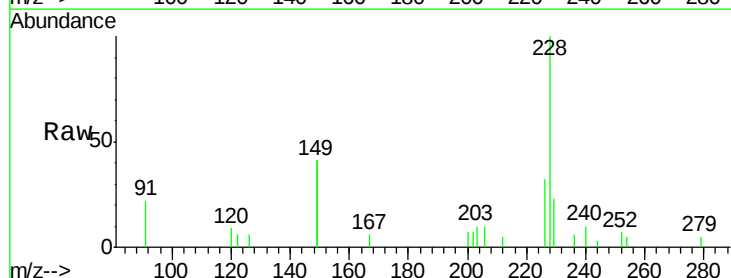
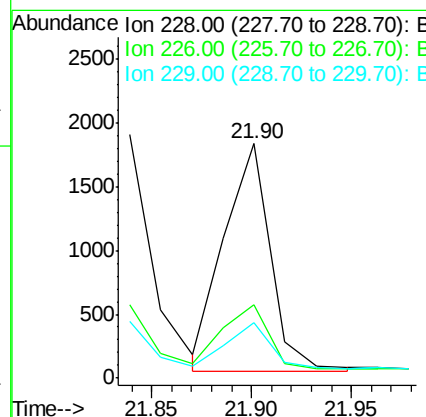
RT: 21.90 min Scan# 1584

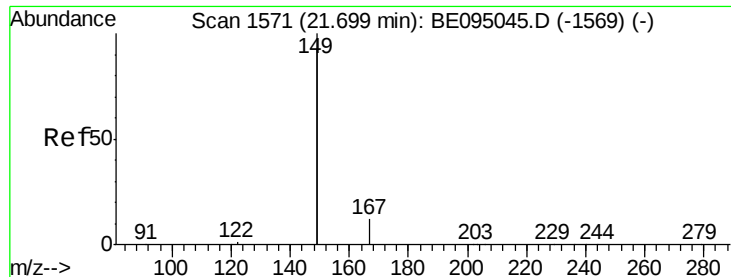
Delta R.T. -0.02 min

Lab File: BE095000.D

Acq: 15 Dec 2017 14:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	40.0	60.0#
229	23.5	40.0	60.0#





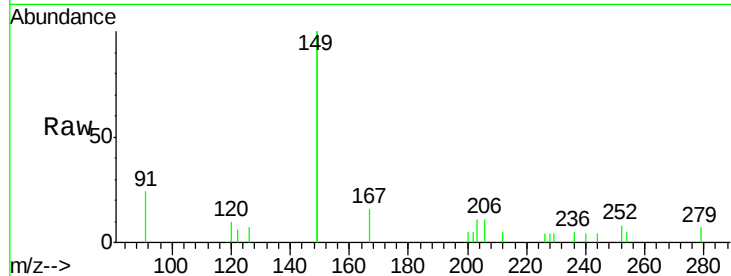
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.04 ng
 RT: 21.73 min Scan# 1573
 Delta R.T. -0.02 min
 Lab File: BE095000.D
 Acq: 15 Dec 2017 14:04

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS033-171211

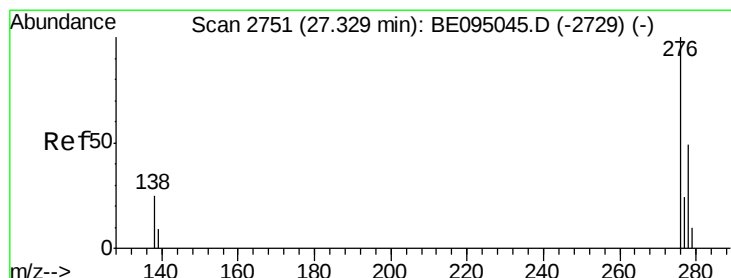
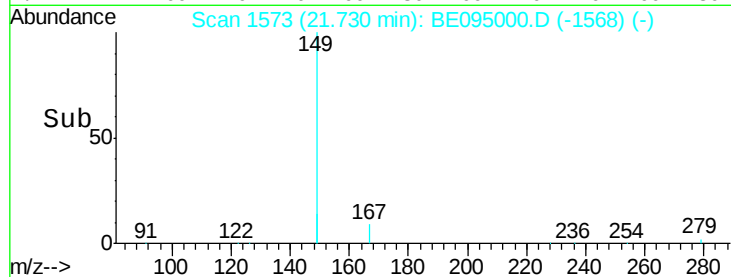
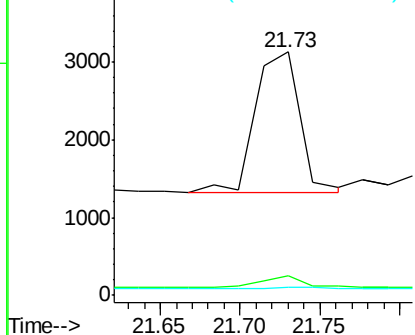
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	3507		
167	8.4	5.4	8.0#	
279	2.2	0.7	1.1#	

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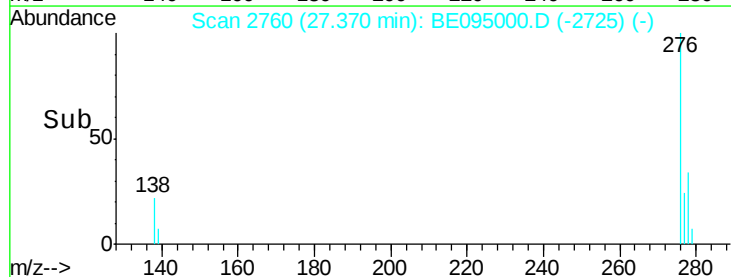
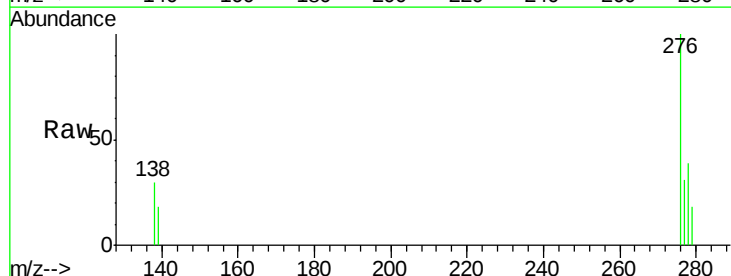
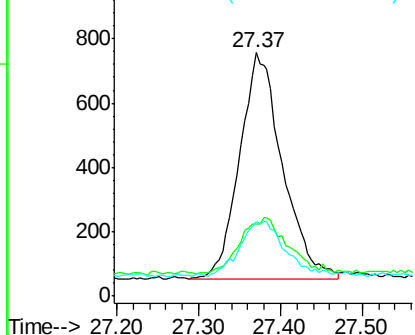
Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

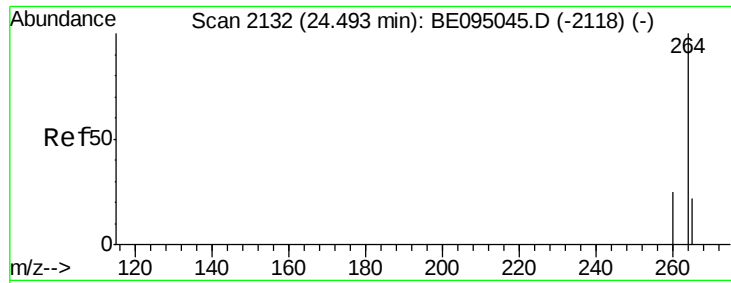


#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.04 ng
 RT: 27.37 min Scan# 2760
 Delta R.T. -0.04 min
 Lab File: BE095000.D
 Acq: 15 Dec 2017 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	2552		
138	27.6	22.5	33.7	
277	26.1	19.9	29.9	

Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E





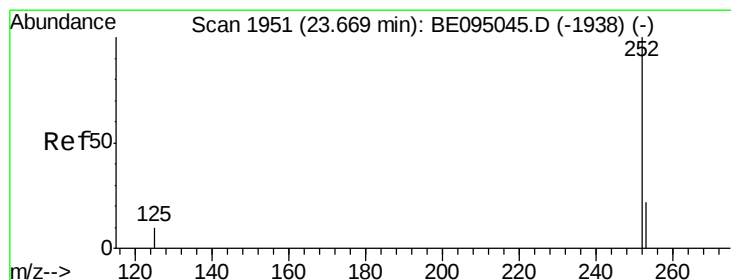
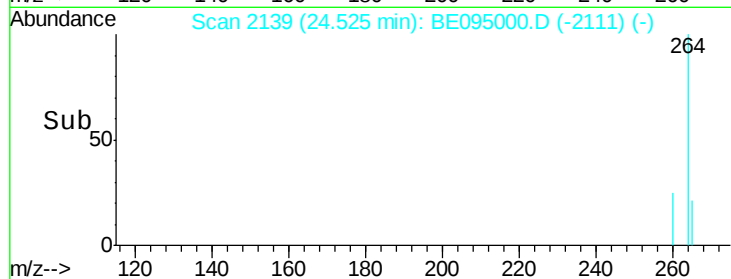
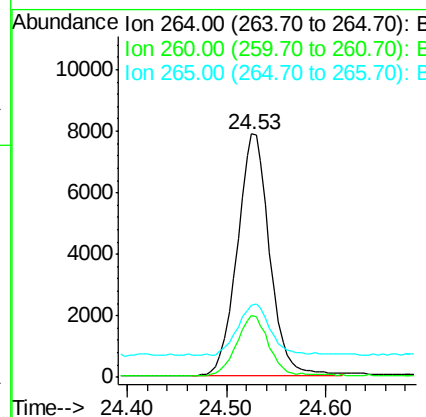
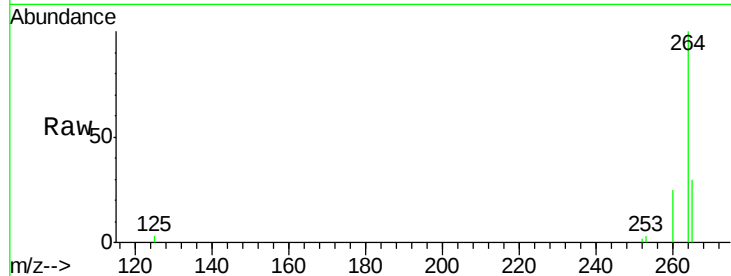
#34
 Perylene-d12
 Concen: 0.40 ng
 RT: 24.53 min Scan# 2139
 Delta R.T. -0.02 min
 Lab File: BE095000.D
 Acq: 15 Dec 2017 14:04

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS033-171211

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.5	30.7
265	29.7	22.8	34.2

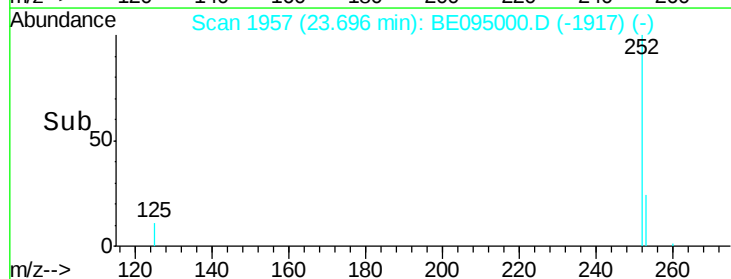
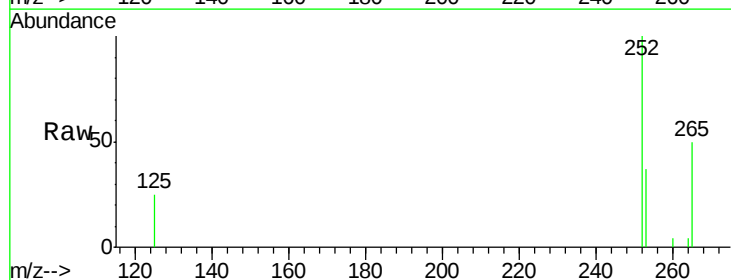
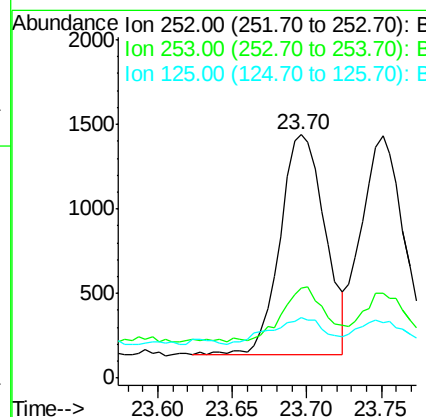
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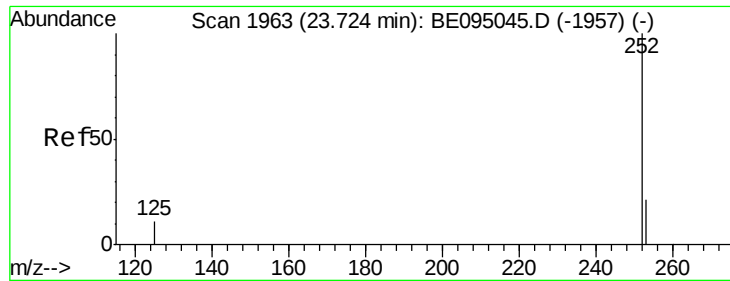
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#35
 Benzo(b)fluoranthene
 Concen: 0.04 ng
 RT: 23.70 min Scan# 1957
 Delta R.T. -0.02 min
 Lab File: BE095000.D
 Acq: 15 Dec 2017 14:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	36.9	20.0	30.0#
125	24.7	16.0	24.0#





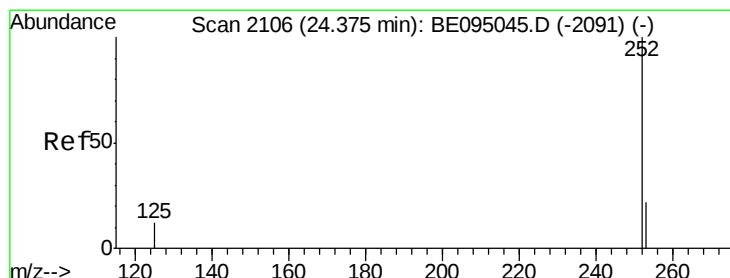
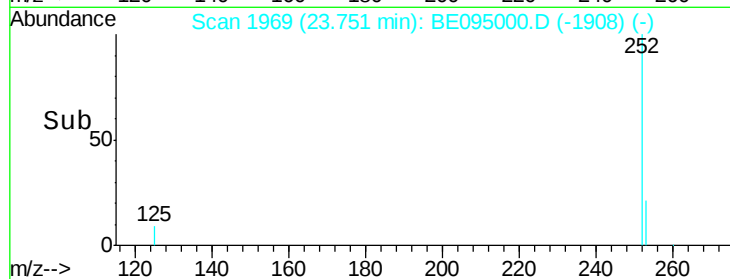
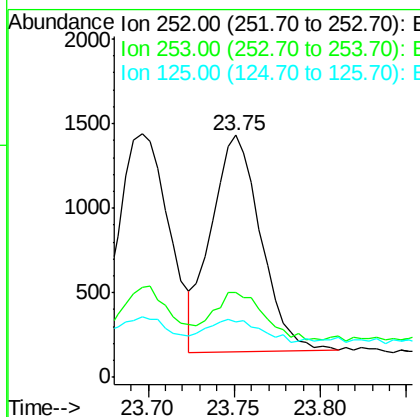
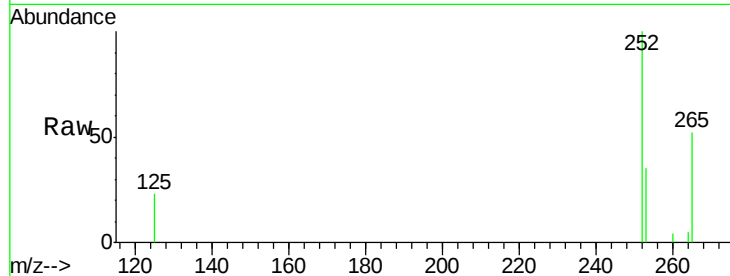
#36
Benzo(k)fluoranthene
Concen: 0.04 ng
RT: 23.75 min Scan# 1969
Delta R.T. -0.02 min
Lab File: BE095000.D
Acq: 15 Dec 2017 14:04

Instrument :
BNA_E
ClientSampleId :
KY038PS033-171211

Tgt Ion	Ratio	Lower	Upper
252	100		
253	35.0	16.0	24.0#
125	23.0	8.0	12.0#

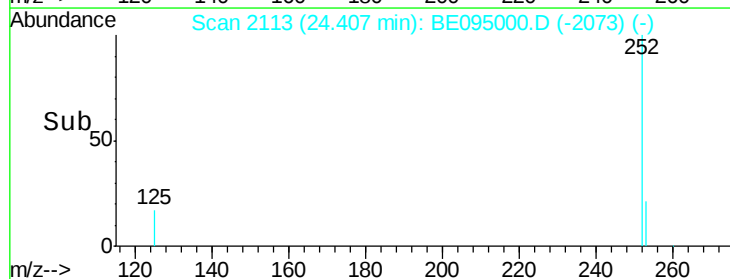
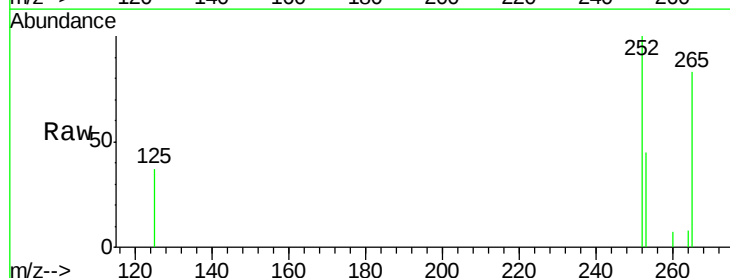
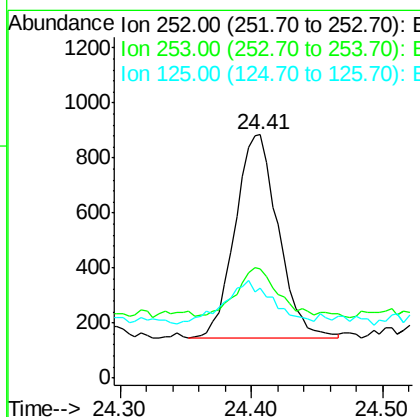
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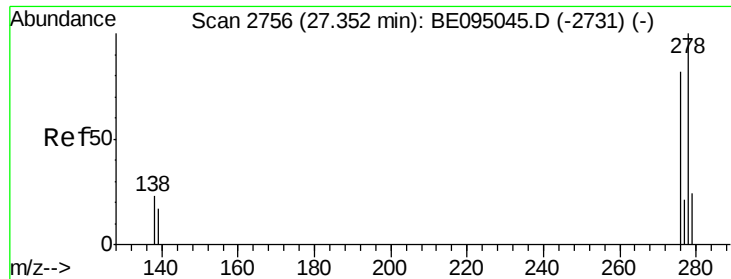
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#37
Benzo(a)pyrene
Concen: 0.03 ng
RT: 24.41 min Scan# 2113
Delta R.T. -0.02 min
Lab File: BE095000.D
Acq: 15 Dec 2017 14:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	45.0	16.0	24.0#
125	36.8	12.0	18.0#





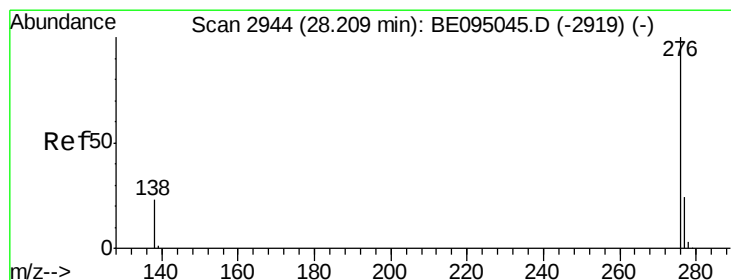
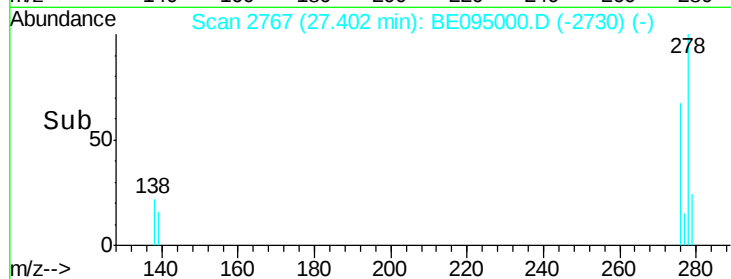
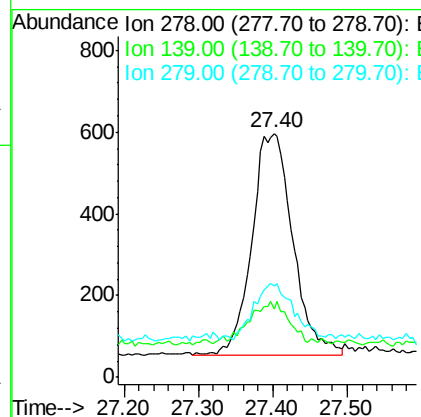
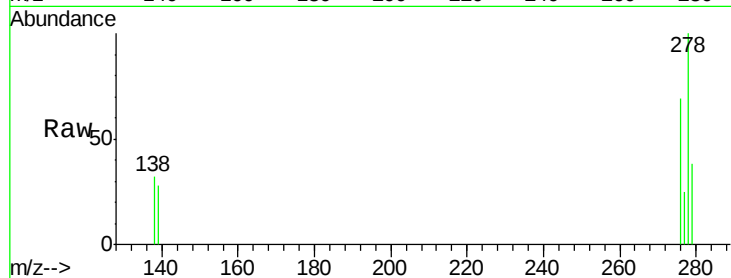
#38
Dibenzo(a,h)anthracene
Concen: 0.04 ng
RT: 27.40 min Scan# 2767
Delta R.T. -0.03 min
Lab File: BE095000.D
Acq: 15 Dec 2017 14:04

Instrument :
BNA_E
ClientSampleId :
KY038PS033-171211

Tgt Ion	Ratio	Lower	Upper
278	100		
139	27.9	16.0	24.0#
279	37.6	20.0	30.0#

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#39
Benzo(g,h,i)perylene
Concen: 0.04 ng
RT: 28.26 min Scan# 2956
Delta R.T. -0.03 min
Lab File: BE095000.D
Acq: 15 Dec 2017 14:04

Tgt Ion	Ratio	Lower	Upper
276	100		
277	31.6	16.0	24.0#
138	31.3	20.0	30.0#

