

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE030618\
 Data File : BE095711.D
 Acq On : 6 Mar 2018 23:22
 Operator : SJ/JU
 Sample : J1811-07DL 20X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 T-7_030518DL

Manual Integrations
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 3/8/2018 4:41:57 PM

Quant Time: Mar 07 02:47:47 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE022318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 12:12:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1422	0.40	ng	0.00
7) Naphthalene-d8	11.27	136	5715	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	3286	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	7753	0.40	ng	0.00
27) Chrysene-d12	21.80	240	7714	0.40	ng	0.00
34) Perylene-d12	24.42	264	7190	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.92	112	38	0.01	ng	0.00
5) Phenol-d6	7.57	99	42	0.01	ng	0.01
8) Nitrobenzene-d5	9.61	82	59	0.01	ng	0.00
11) 2-Methylnaphthalene-d10	12.81	152	109	0.01	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	14	0.12	ng	0.00
15) 2-Fluorobiphenyl	13.64	172	149	0.01	ng	0.00
25) Fluoranthene-d10	19.69	212	737	0.01	ng	0.00
29) Terphenyl-d14	20.24	244	134	0.01	ng	-0.01
Target Compounds						
12) 2-Methylnaphthalene	12.87	142	287	0.025	ng	Qvalue # 91
23) Phenanthrene	17.75	178	3578	0.148	ng	# 99
24) Anthracene	17.84	178	512	0.023	ng	# 90
26) Fluoranthene	19.72	202	2569	0.086	ng	# 97
28) Pyrene	20.07	202	6160	0.195	ng	# 95
30) Benzo(a)anthracene	21.78	228	1926	0.077	ng	# 93
31) Chrysene	21.84	228	2110	0.084	ng	# 92
33) Indeno(1,2,3-cd)pyrene	27.23	276	935	0.039	ng	# 79
35) Benzo(b)fluoranthene	23.61	252	1692	0.066	ng	# 89
36) Benzo(k)fluoranthene	23.66	252	644m	0.025	ng	
37) Benzo(a)pyrene	24.30	252	1523	0.066	ng	# 78
39) Benzo(a,h,i)perylene	28.11	276	1378	0.063	ng	# 85

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

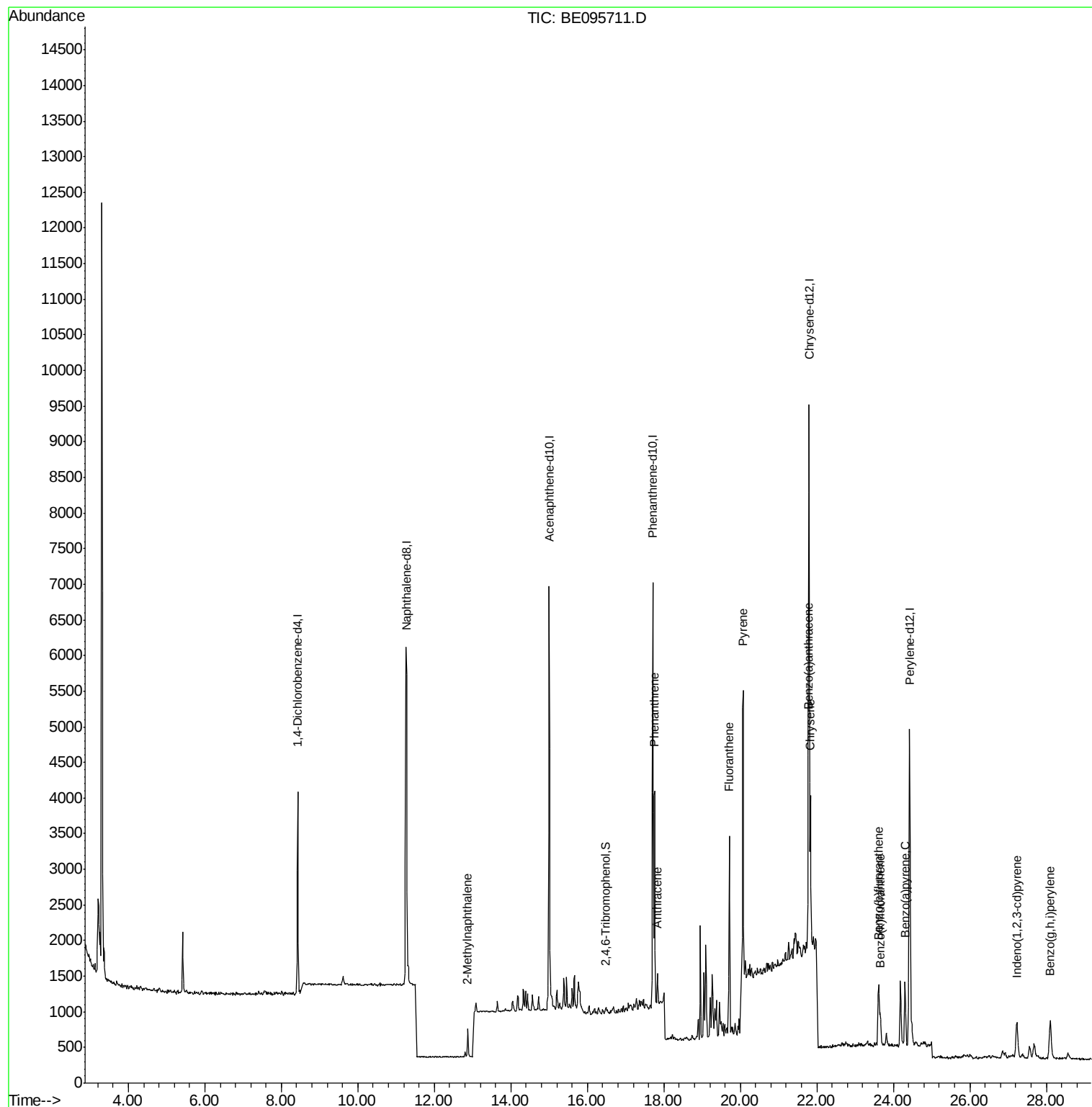
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE030618\
Data File : BE095711.D
Acq On : 6 Mar 2018 23:22
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Quant Time: Mar 07 02:47:47 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE022318.M
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#1

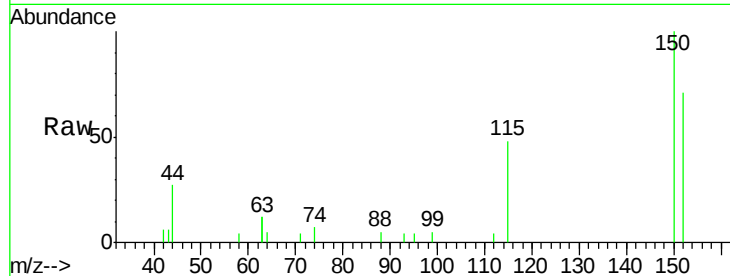
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BE095711.D
Acq: 6 Mar 2018 23:22

Instrument :
BNA_E
ClientSampleId :
T-7_030518DL

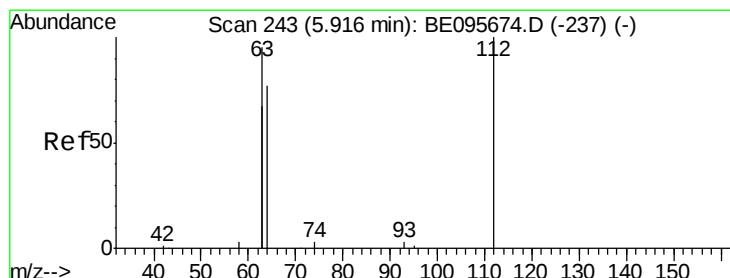
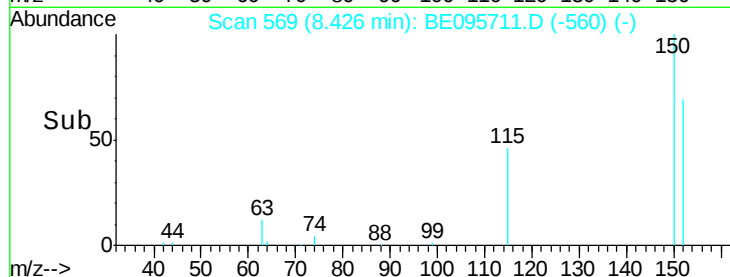
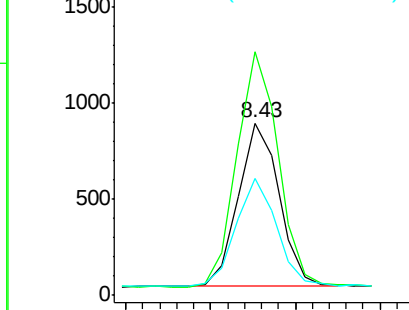
Tot Ion	Ratio	Lower	Upper
152	100		
150	141.6	117.2	175.8
115	68.3	57.0	85.6

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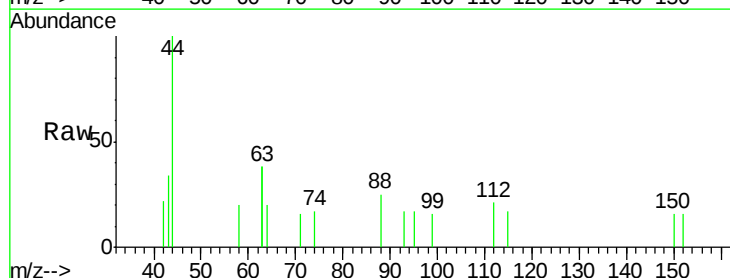
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



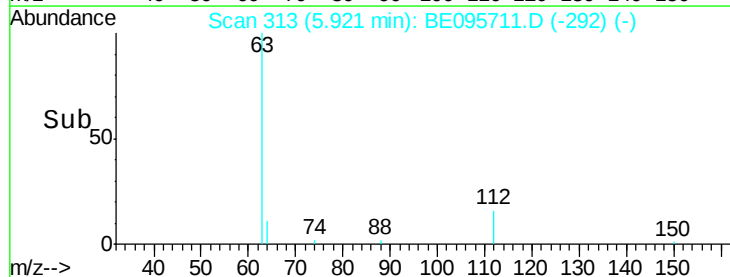
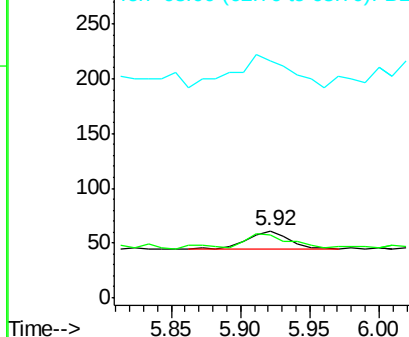
#4

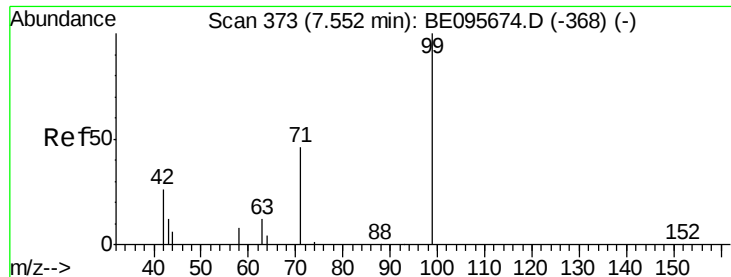
2-Fluorophenol
Concen: 0.010 ng
RT: 5.92 min Scan# 313
Delta R.T. 0.01 min
Lab File: BE095711.D
Acq: 6 Mar 2018 23:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.8	60.1	90.1
63	213.2	116.8	175.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.008 ng

RT: 7.57 min Scan# 481

Delta R.T. 0.01 min

Lab File: BE095711.D

Acq: 6 Mar 2018 23:22

Instrument :

BNA_E

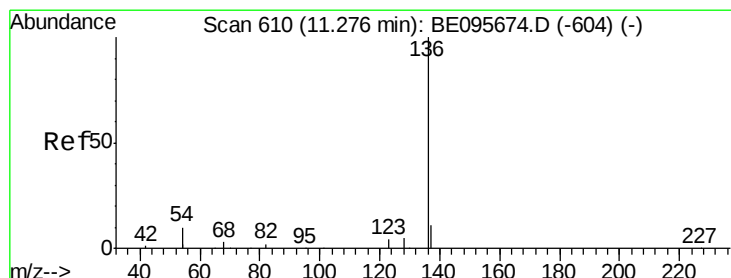
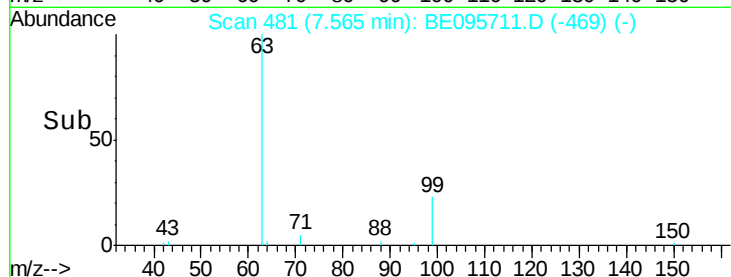
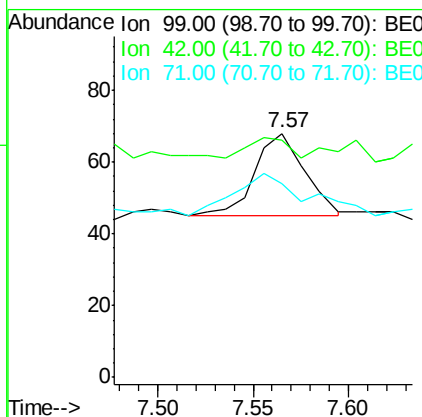
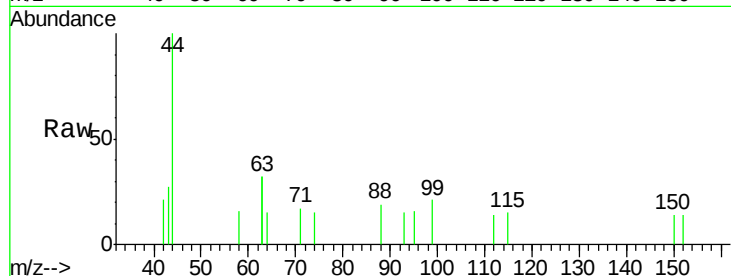
ClientSampleId :

T-7_030518DL

Tot Ion:	99	Resp:	42
Ion	Ratio	Lower	Upper
99	100		
42	21.4	20.2	30.2
71	61.9	28.4	42.6#

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#7

Naphthalene-d8

Concen: 0.400 ng

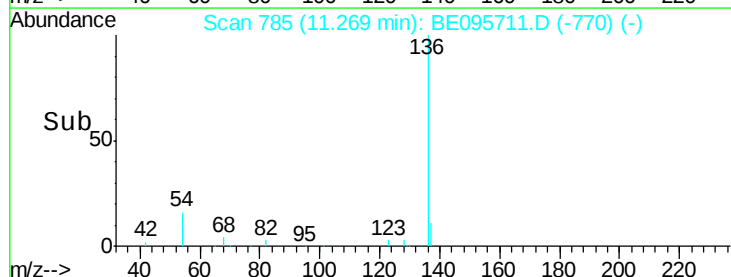
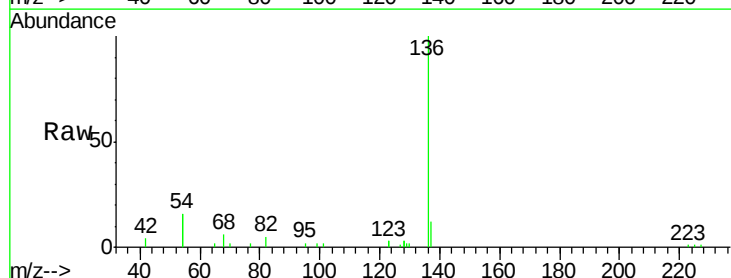
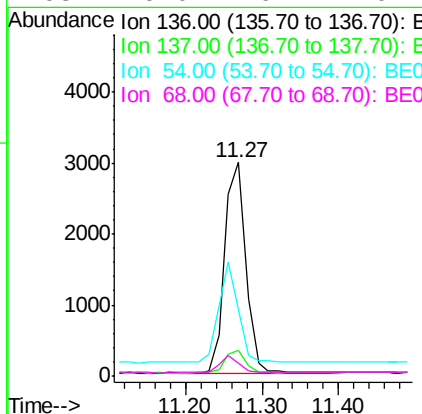
RT: 11.27 min Scan# 785

Delta R.T. -0.01 min

Lab File: BE095711.D

Acq: 6 Mar 2018 23:22

Tgt Ion:	136	Resp:	5715
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.5	14.3
54	31.1	29.1	43.7
68	6.0	6.2	9.2#





#8

Nitrobenzene-d5

Concen: 0.010 ng

RT: 9.61 min Scan# 657

Delta R.T. -0.01 min

Lab File: BE095711.D

Acq: 6 Mar 2018 23:22

Instrument :

BNA_E

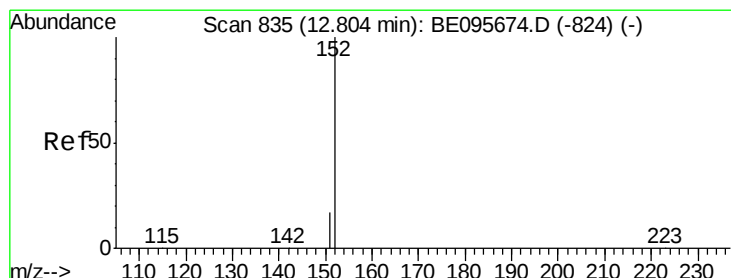
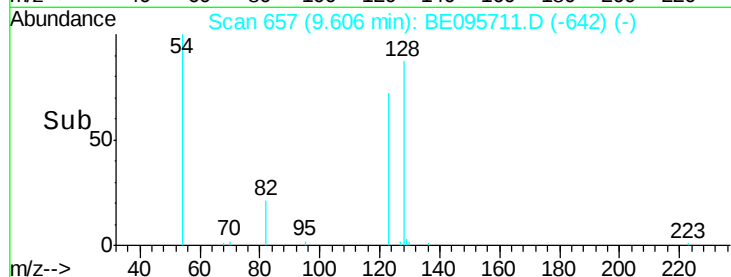
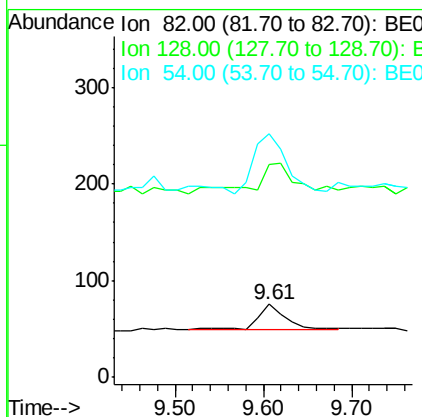
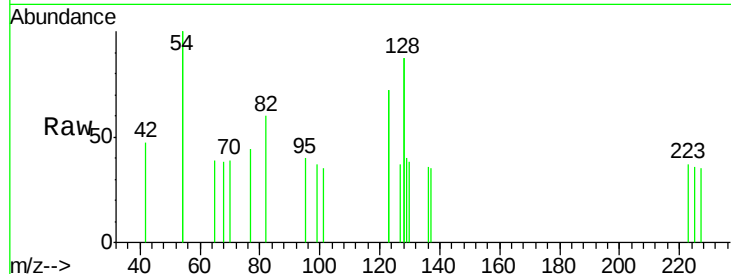
ClientSampleId :

T-7_030518DL

Tot Ion:	82.00	Resp:	59
Ion	Ratio	Lower	Upper
82	100		
128	293.3	150.0	225.0#
54	336.0	154.2	231.4#

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#11

2-Methylnaphthalene-d10

Concen: 0.011 ng

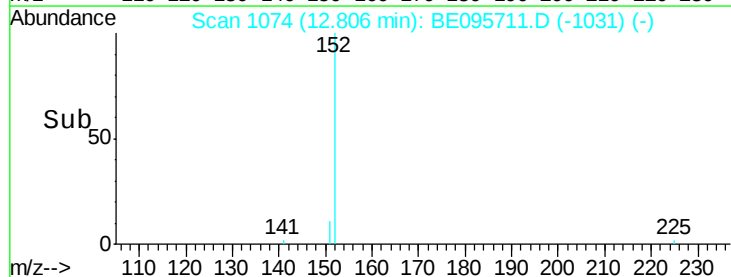
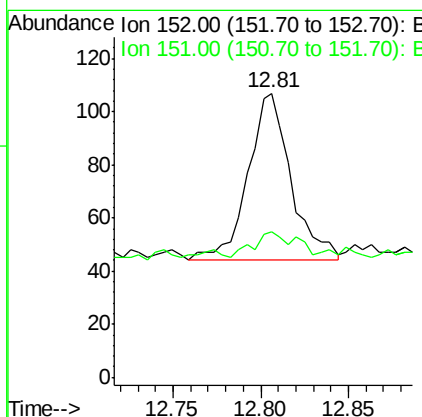
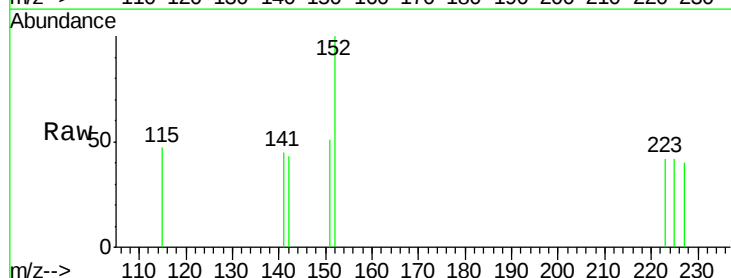
RT: 12.81 min Scan# 1074

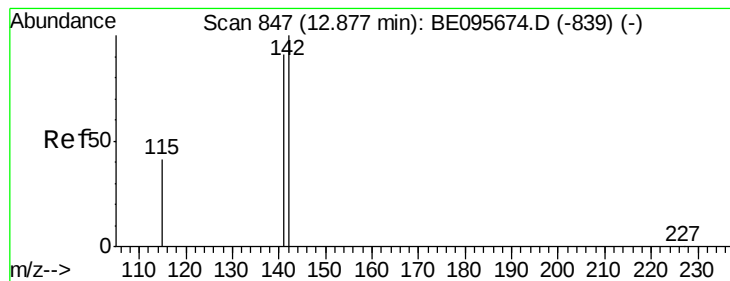
Delta R.T. 0.00 min

Lab File: BE095711.D

Acq: 6 Mar 2018 23:22

Tgt Ion:	152.00	Resp:	109
Ion	Ratio	Lower	Upper
152	100		
151	17.4	15.4	23.0





#12

2-Methylnaphthalene

Concen: 0.025 ng

RT: 12.87 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BE095711.D

Acq: 6 Mar 2018 23:22

Instrument :

BNA_E

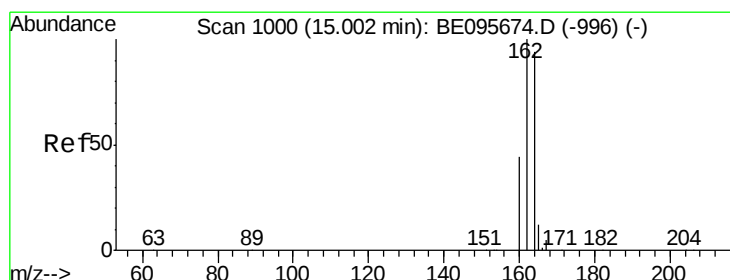
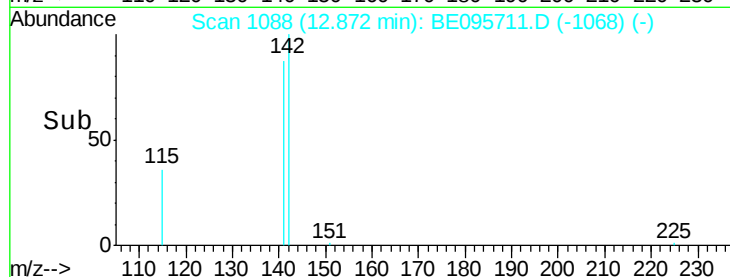
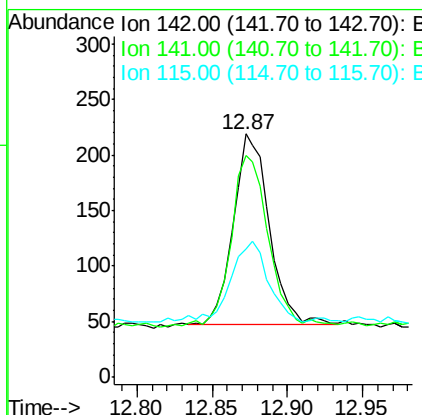
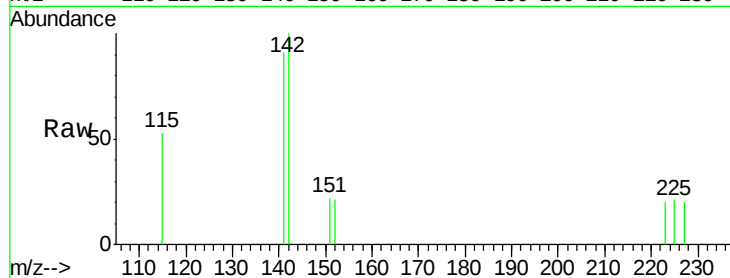
ClientSampleId :

T-7_030518DL

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.3	70.4	105.6
115	52.5	31.7	47.5

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#13

Acenaphthene-d10

Concen: 0.400 ng

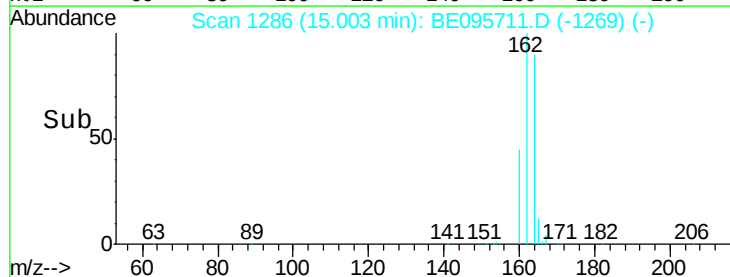
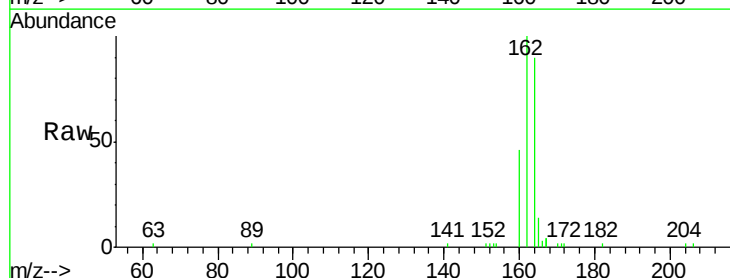
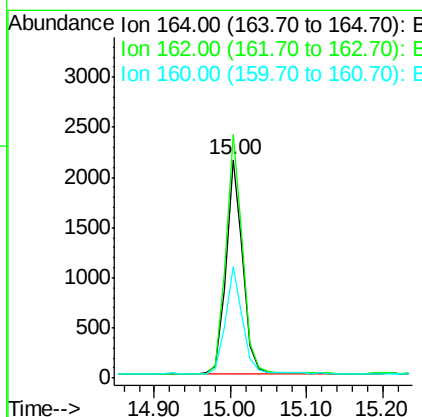
RT: 15.00 min Scan# 1286

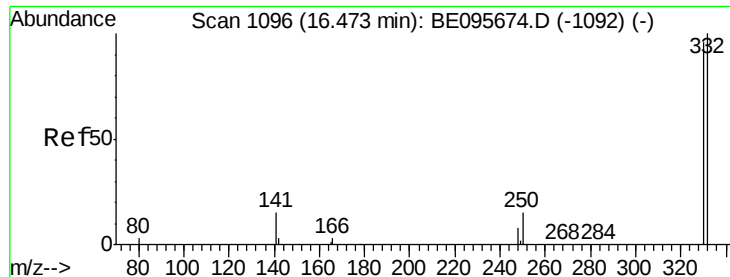
Delta R.T. 0.00 min

Lab File: BE095711.D

Acq: 6 Mar 2018 23:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	111.5	83.1	124.7
160	51.1	37.1	55.7





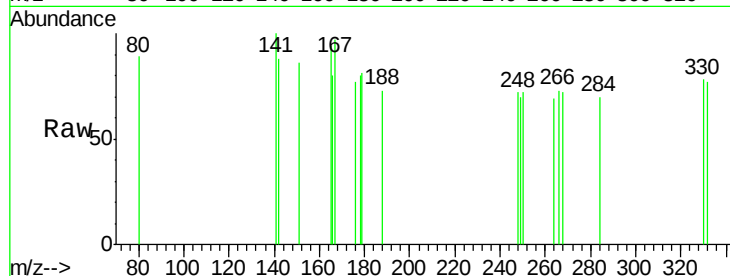
#14
 2,4,6-Tribromophenol
 Concen: 0.124 ng
 RT: 16.47 min Scan# 1409
 Delta R.T. -0.00 min
 Lab File: BE095711.D
 Acq: 6 Mar 2018 23:22

Instrument :
 BNA_E
 ClientSampleID :
 T-7_030518DL

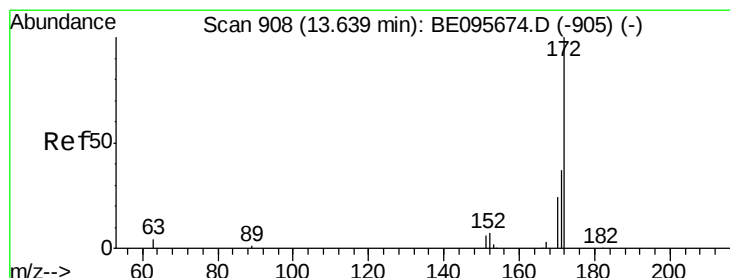
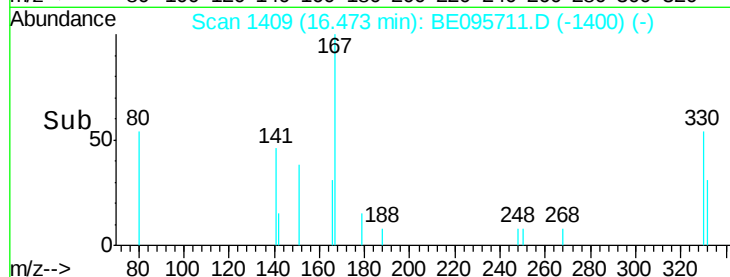
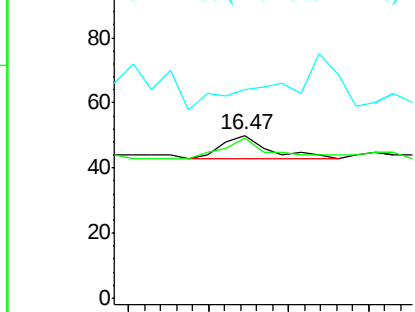
Tot Ion	Ratio	Lower	Upper
330	100		
332	85.7	152.7	229.1#
141	0.0	33.7	50.5#

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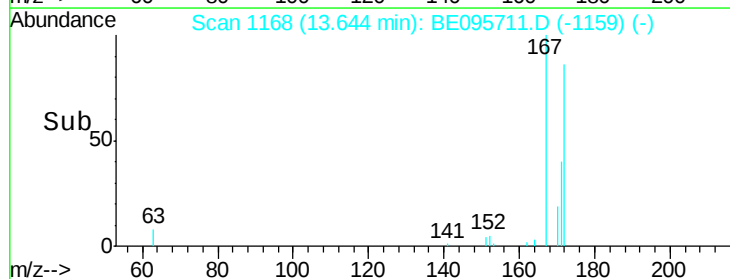
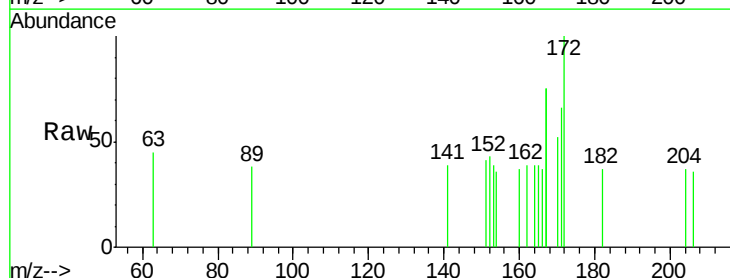
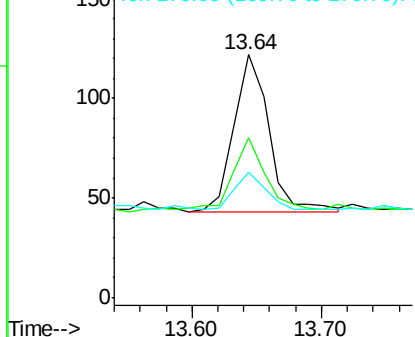
Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

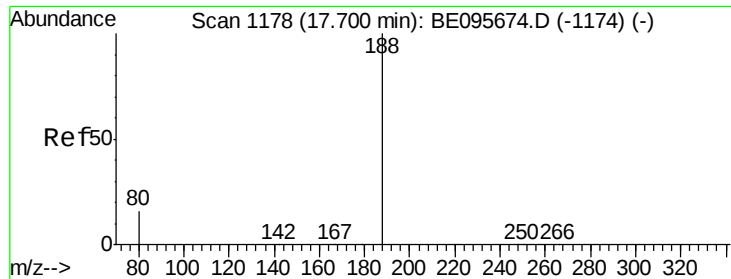


#15
 2-Fluorobiphenyl
 Concen: 0.010 ng
 RT: 13.64 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BE095711.D
 Acq: 6 Mar 2018 23:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	65.6	29.9	44.9#
170	51.6	21.8	32.8#

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





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.71 min Scan# 1515

Delta R.T. 0.01 min

Lab File: BE095711.D

Acq: 6 Mar 2018 23:22

Instrument :

BNA_E

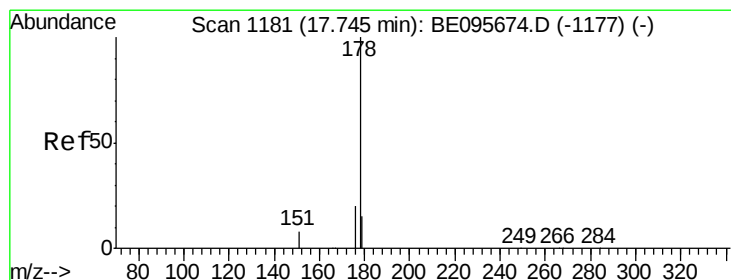
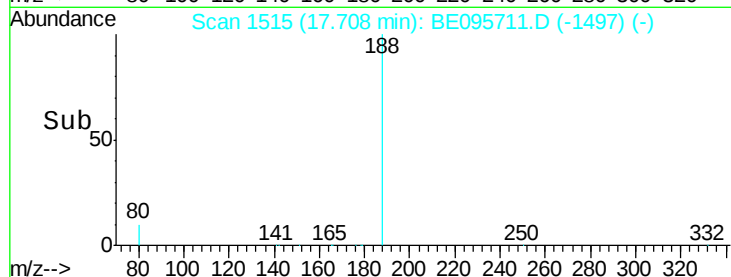
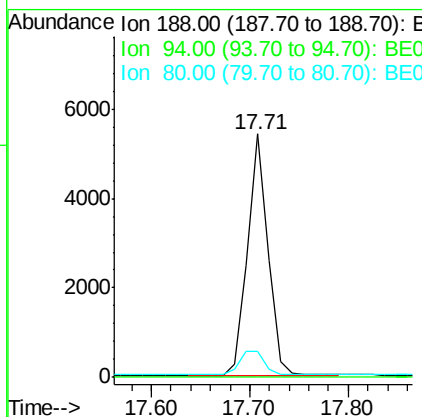
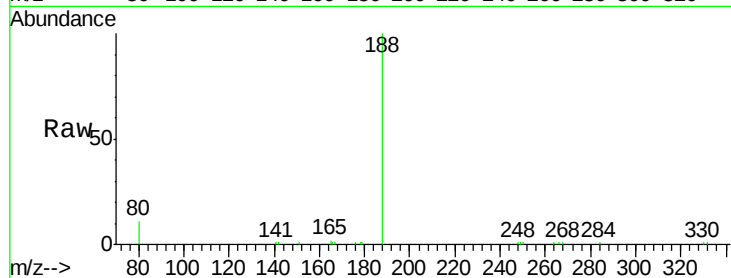
ClientSampleId :

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Tot Ion:	188	Resp:	7753
Ion Ratio	Lower	Upper	
188	100		
94	0.0	3.9	5.9#
80	10.8	3.6	5.4#

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#23

Phenanthrene

Concen: 0.148 ng

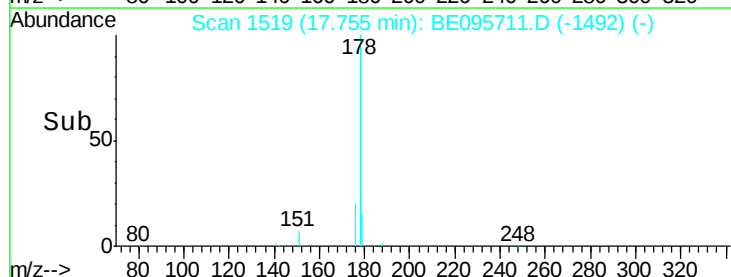
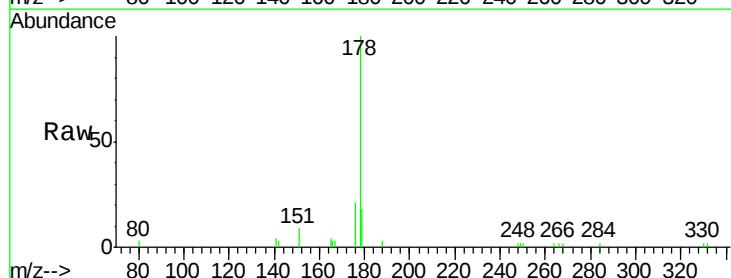
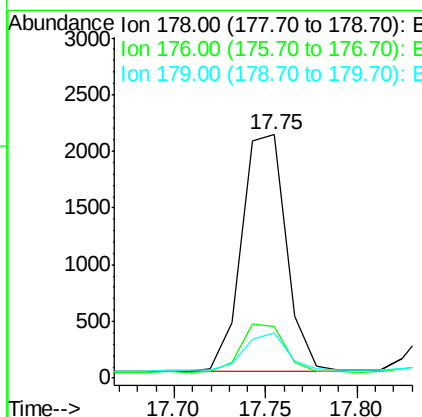
RT: 17.75 min Scan# 1519

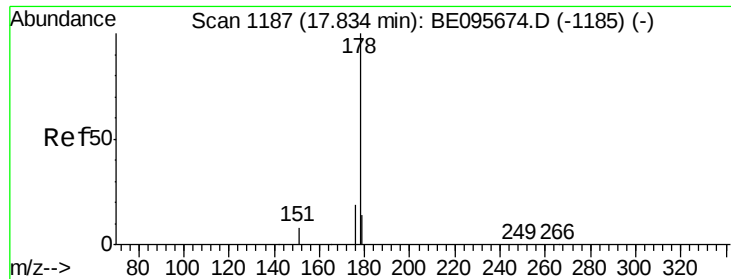
Delta R.T. 0.01 min

Lab File: BE095711.D

Acq: 6 Mar 2018 23:22

Tgt Ion:	178	Resp:	3578
Ion Ratio	Lower	Upper	
178	100		
176	19.9	15.1	22.7
179	14.7	11.8	17.6





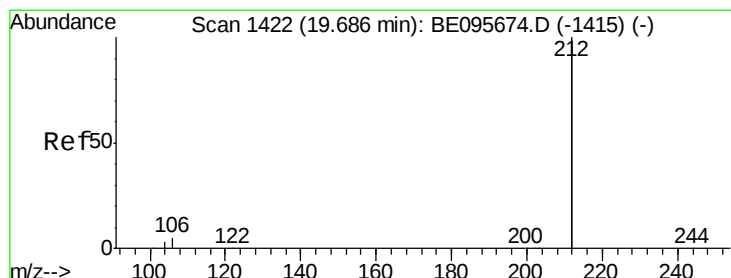
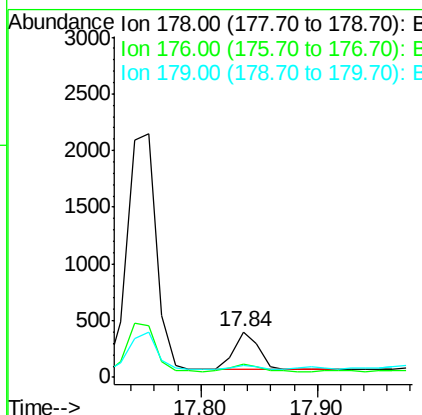
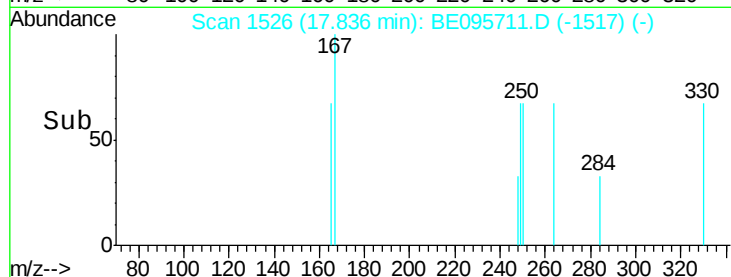
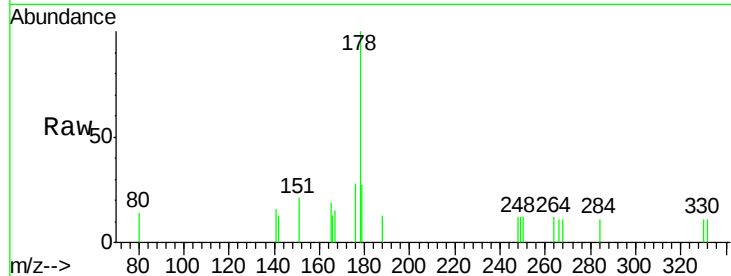
#24
 Anthracene
 Concen: 0.023 ng
 RT: 17.84 min Scan# 1526
 Delta R.T. 0.00 min
 Lab File: BE095711.D
 Acq: 6 Mar 2018 23:22

Instrument :
 BNA_E
 ClientSampleId :
 T-7_030518DL

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.0	12.8	19.2
179	9.8	13.0	19.6#

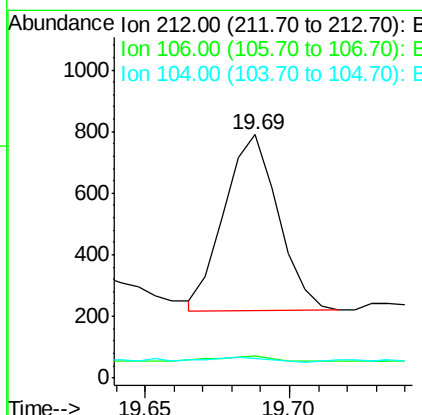
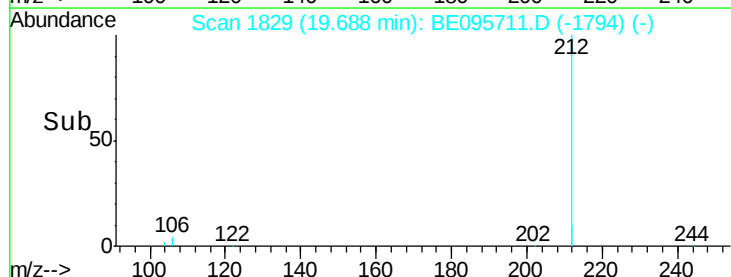
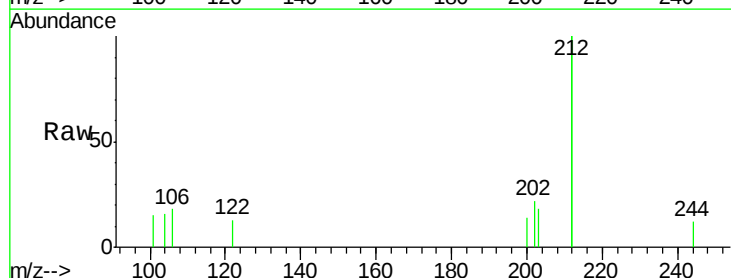
Manual Integrations
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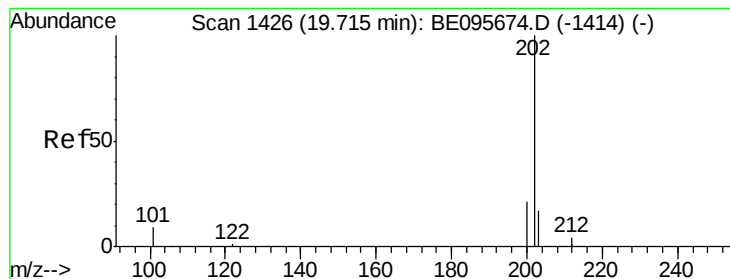
Sohil
 3/8/2018 4:41:57 PM



#25
 Fluoranthene-d10
 Concen: 0.007 ng
 RT: 19.69 min Scan# 1829
 Delta R.T. 0.00 min
 Lab File: BE095711.D
 Acq: 6 Mar 2018 23:22

Tgt Ion	Ratio	Lower	Upper
212	100		
106	3.9	2.8	4.2
104	2.4	1.6	2.4#





#26

Fluoranthene

Concen: 0.086 ng

RT: 19.72 min Scan# 1834

Delta R.T. 0.00 min

Lab File: BE095711.D

Acq: 6 Mar 2018 23:22

Instrument :

BNA_E

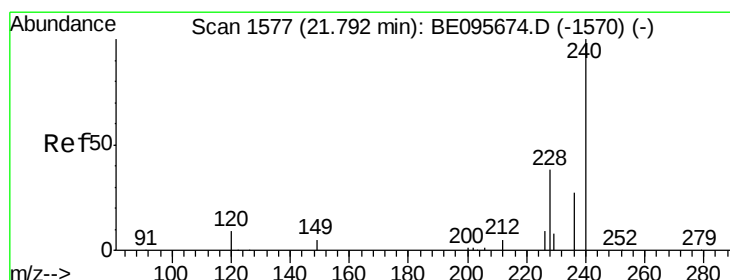
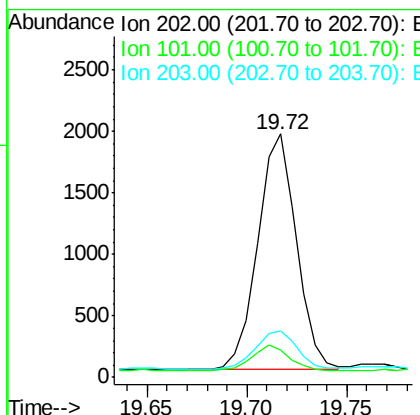
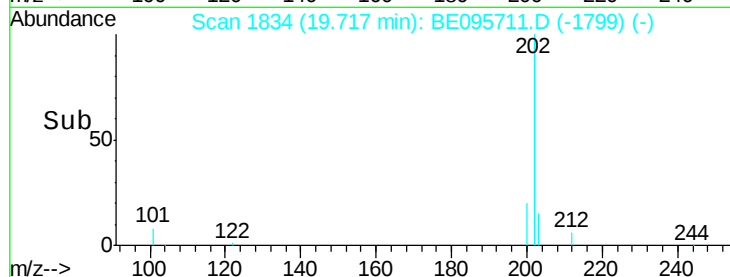
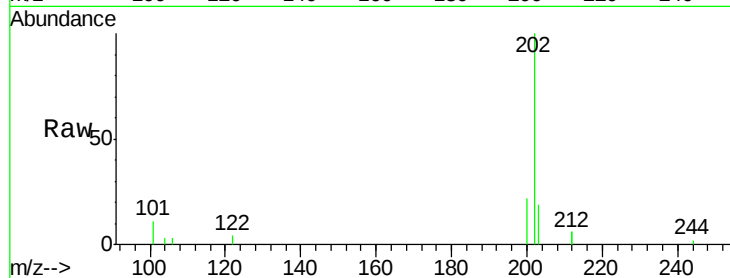
ClientSampled :

T-7_030518DL

Tot Ion:	202	Resp:	2569
Ion Ratio	Lower	Upper	
202	100		
101	10.6	9.8	14.8
203	17.9	13.7	20.5

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#27

Chrysene-d12

Concen: 0.400 ng

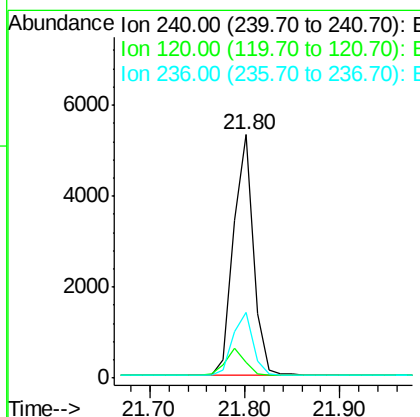
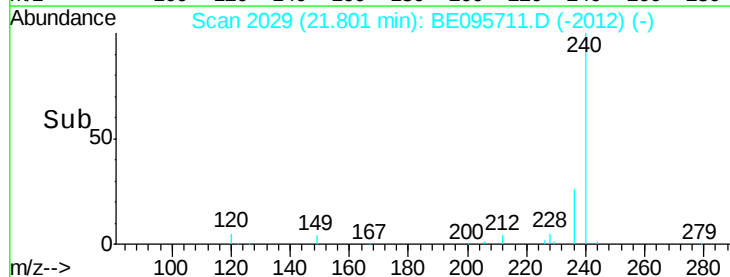
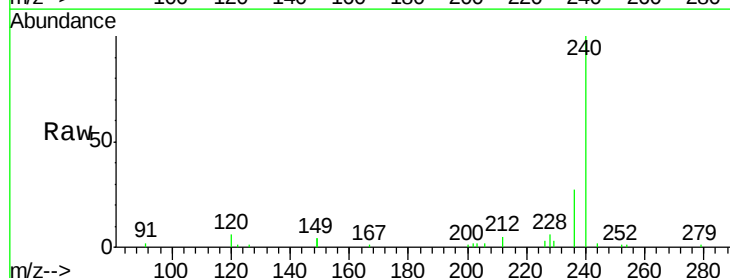
RT: 21.80 min Scan# 2029

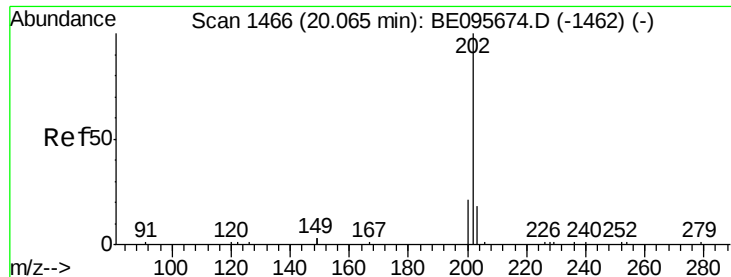
Delta R.T. 0.01 min

Lab File: BE095711.D

Acq: 6 Mar 2018 23:22

Tgt Ion:	240	Resp:	7714
Ion Ratio	Lower	Upper	
240	100		
120	6.3	5.5	8.3
236	27.1	20.7	31.1





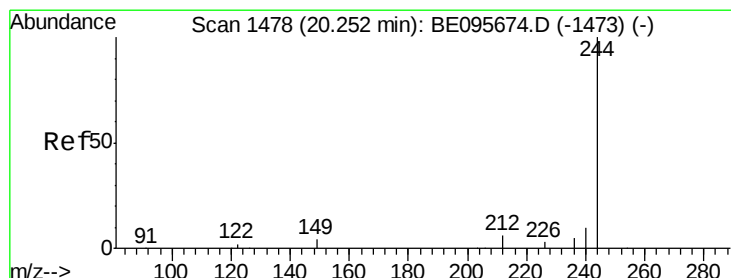
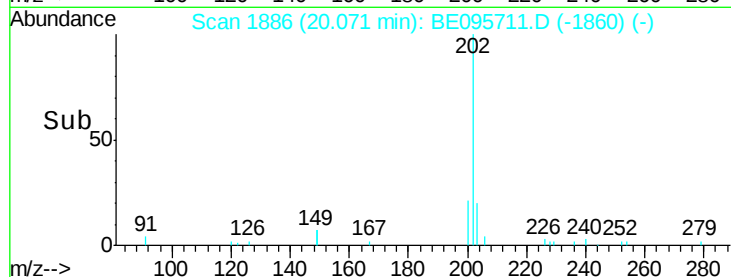
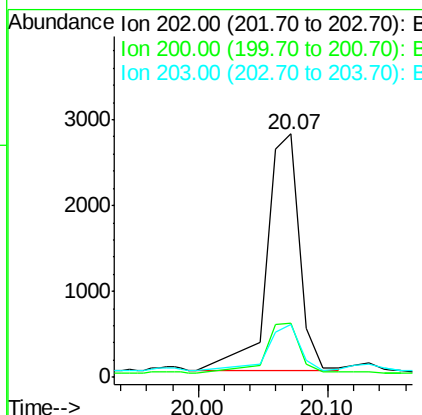
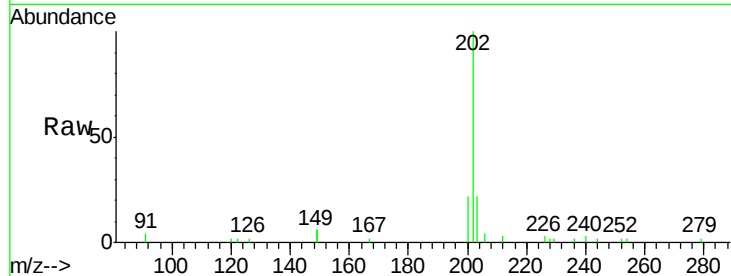
#28
Pvrene
Concen: 0.195 ng
RT: 20.07 min Scan# 1886
Delta R.T. 0.01 min
Lab File: BE095711.D
Acq: 6 Mar 2018 23:22

Instrument :
BNA_E
ClientSampleId :
T-7_030518DL

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	25.0
203	21.9	13.8	20.8

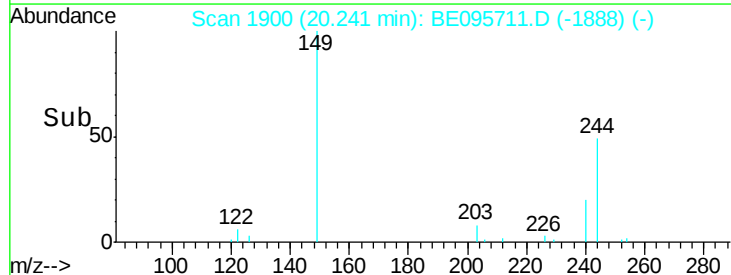
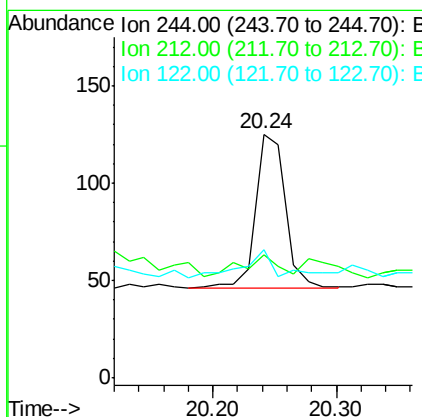
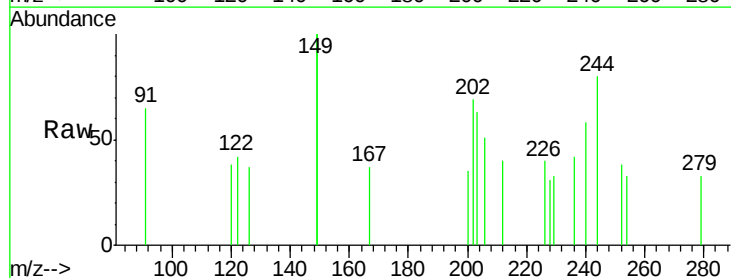
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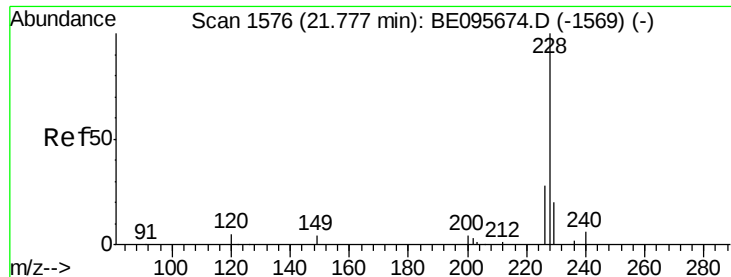
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#29
Terphenyl-d14
Concen: 0.009 ng
RT: 20.24 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BE095711.D
Acq: 6 Mar 2018 23:22

Tgt Ion	Ratio	Lower	Upper
244	100		
212	50.4	25.4	38.0
122	52.8	8.1	12.1





#30

Benzo(a)anthracene

Concen: 0.077 ng

RT: 21.78 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BE095711.D

Acq: 6 Mar 2018 23:22

Instrument :

BNA_E

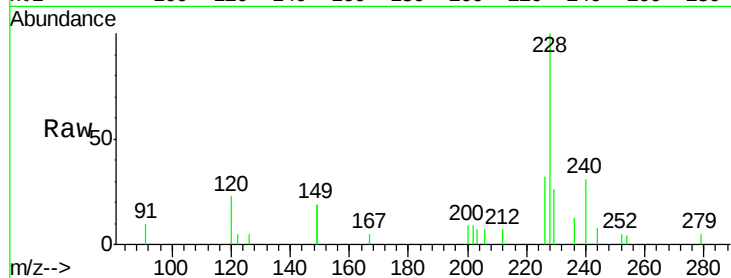
ClientSampleId :

T-7_030518DL

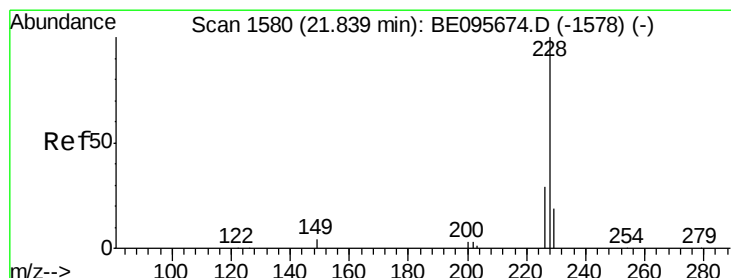
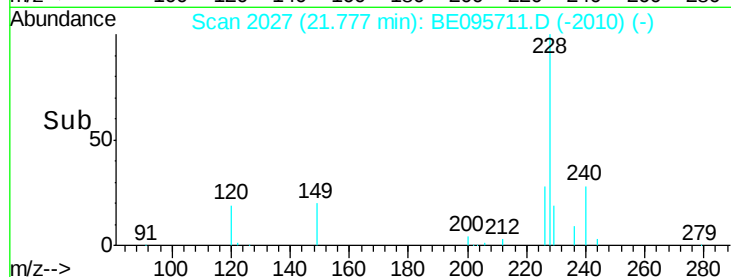
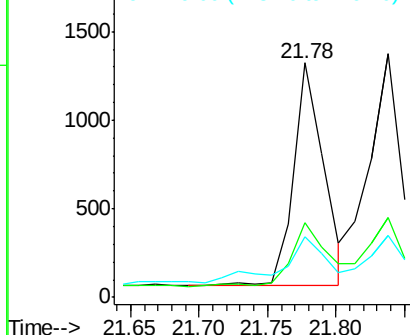
Tot Ion:	228	Resp:	1926
Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.0	36.0
229	25.7	16.0	24.0

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#31

Chrysene

Concen: 0.084 ng

RT: 21.84 min Scan# 2032

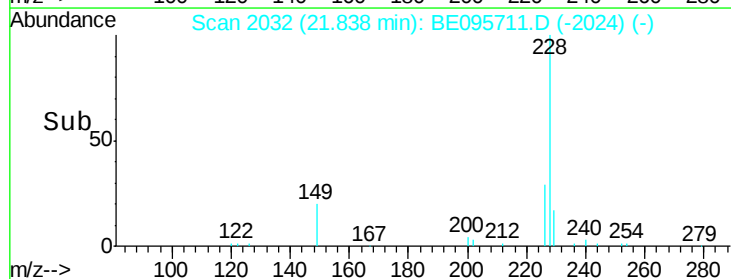
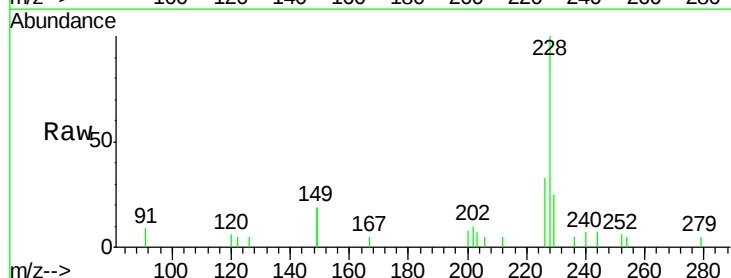
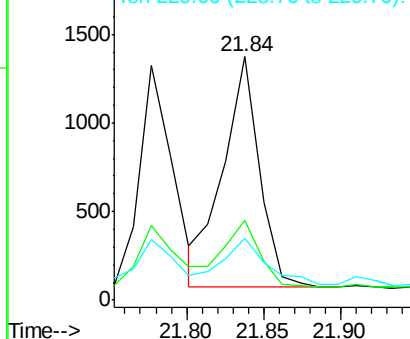
Delta R.T. -0.00 min

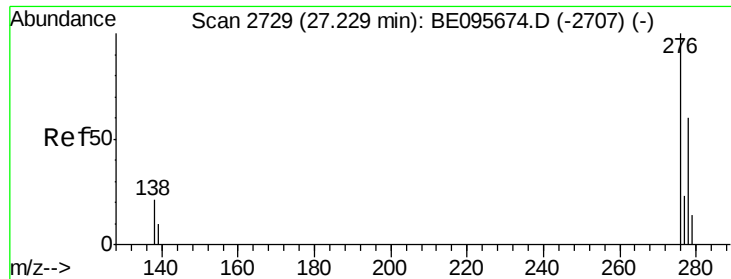
Lab File: BE095711.D

Acq: 6 Mar 2018 23:22

Tgt Ion:	228	Resp:	2110
Ion	Ratio	Lower	Upper
228	100		
226	32.9	24.0	36.0
229	25.4	16.0	24.0

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





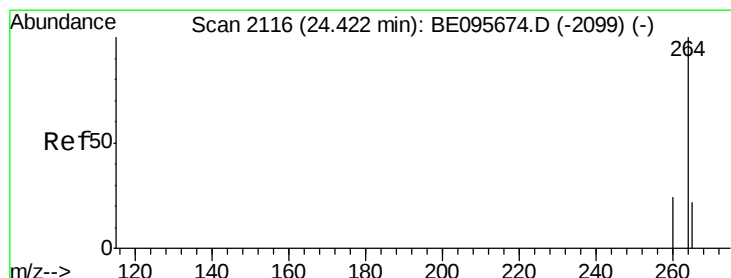
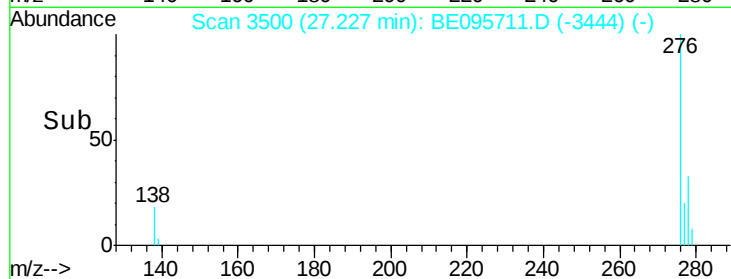
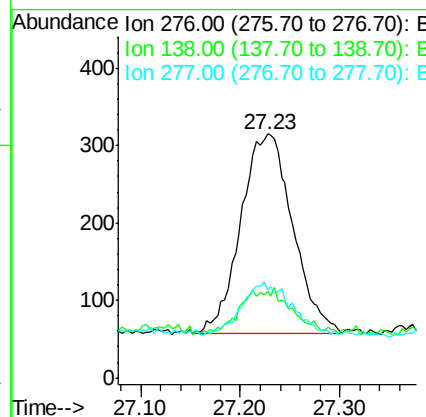
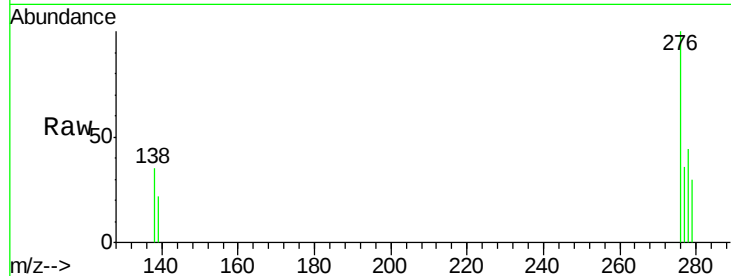
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.039 ng
RT: 27.23 min Scan# 3500
Delta R.T. -0.00 min
Lab File: BE095711.D
Acq: 6 Mar 2018 23:22

Instrument :
BNA_E
ClientSampleId :
T-7_030518DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	7.9	22.5	33.7#
277	25.1	19.9	29.9

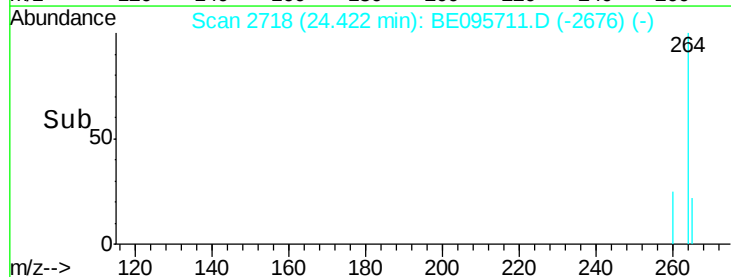
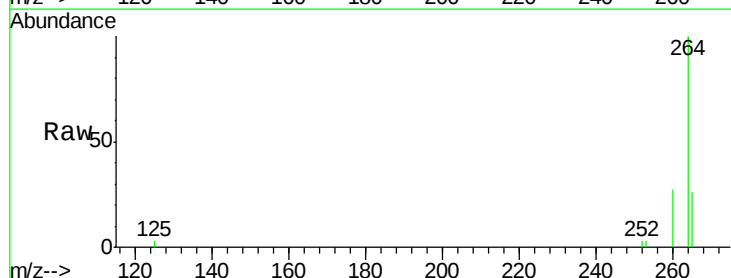
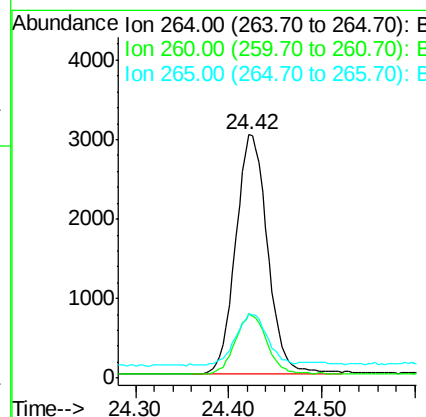
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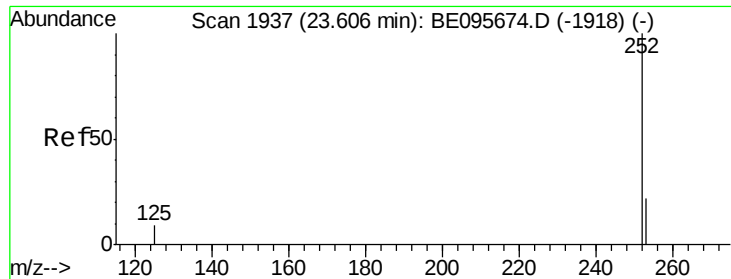
Sohil
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#34
Perylene-d12
Concen: 0.400 ng
RT: 24.42 min Scan# 2718
Delta R.T. 0.00 min
Lab File: BE095711.D
Acq: 6 Mar 2018 23:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.6	20.5	30.7
265	26.3	22.8	34.2





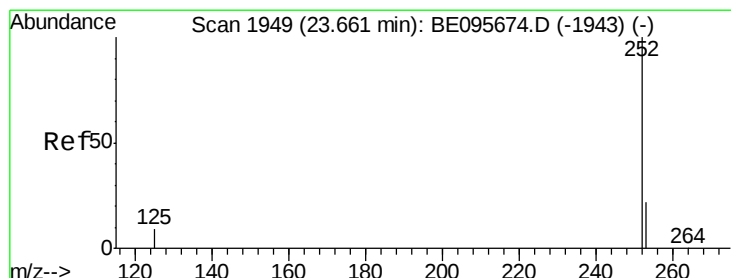
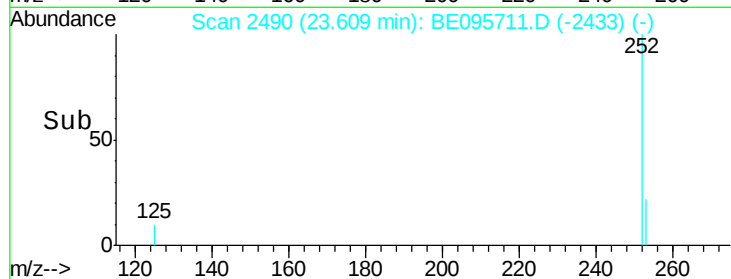
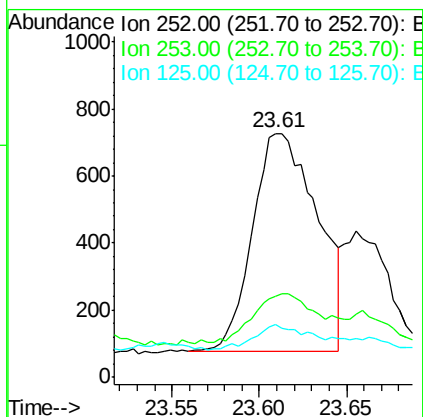
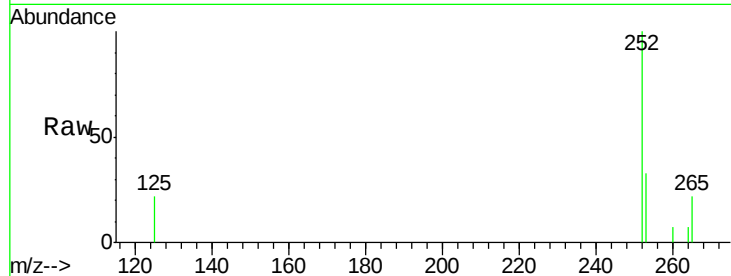
#35
Benzo(b)fluoranthene
Concen: 0.066 ng
RT: 23.61 min Scan# 2490
Delta R.T. 0.00 min
Lab File: BE095711.D
Acq: 6 Mar 2018 23:22

Instrument :
BNA_E
ClientSampleId :
T-7_030518DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	33.1	20.0	30.0#
125	21.8	16.0	24.0

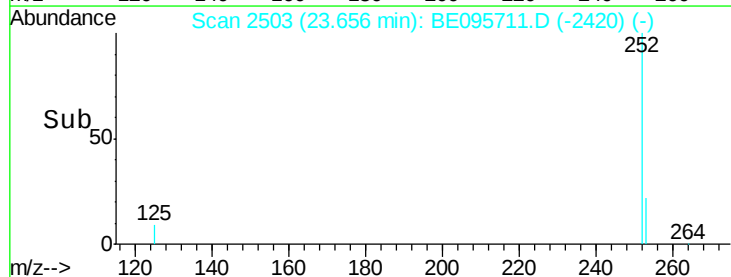
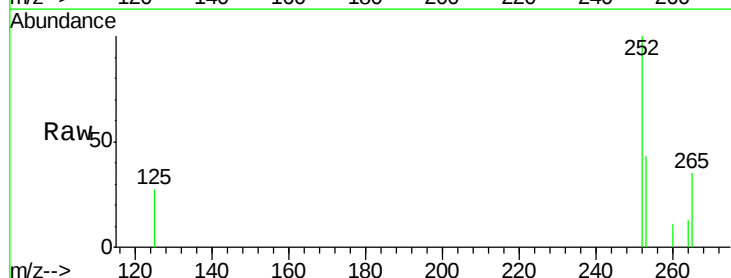
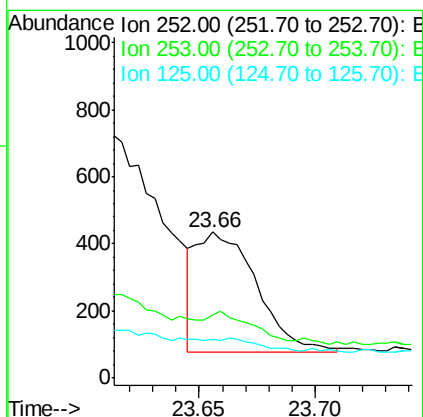
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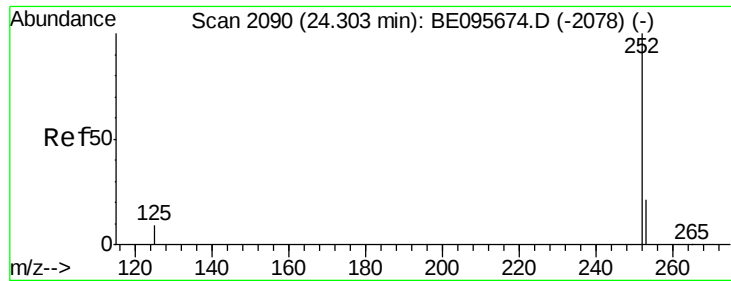
Sohil
3/8/2018 4:41:57 PM



#36
Benzo(k)fluoranthene
Concen: 0.025 ng m
RT: 23.66 min Scan# 2503
Delta R.T. -0.01 min
Lab File: BE095711.D
Acq: 6 Mar 2018 23:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	43.0	16.0	24.0#
125	26.7	8.0	12.0#





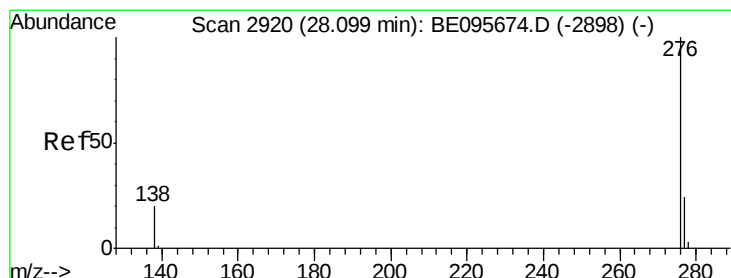
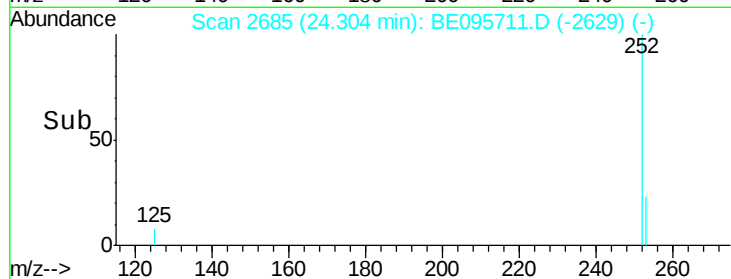
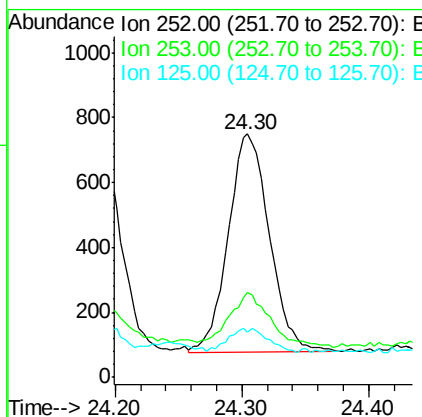
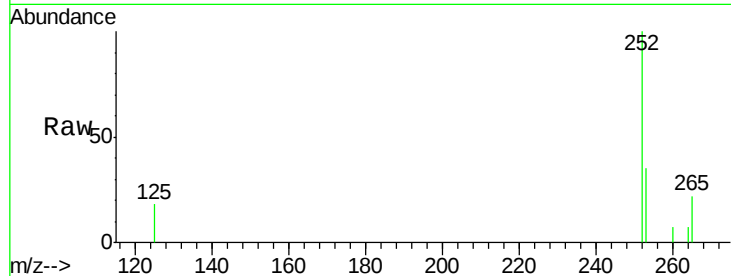
#37
Benzo(a)pyrene
Concen: 0.066 ng
RT: 24.30 min Scan# 2685
Delta R.T. 0.00 min
Lab File: BE095711.D
Acq: 6 Mar 2018 23:22

Instrument :
BNA_E
ClientSampleId :
T-7_030518DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	34.9	16.0	24.0#
125	18.4	12.0	18.0#

Manual Integrations
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#39
Benzo(g,h,i)perylene
Concen: 0.063 ng
RT: 28.11 min Scan# 3747
Delta R.T. 0.01 min
Lab File: BE095711.D
Acq: 6 Mar 2018 23:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	33.0	16.0	24.0#
138	27.1	20.0	30.0

