

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE030618\
 Data File : BE095714.D
 Acq On : 7 Mar 2018 1:09
 Operator : SJ/JU
 Sample : J1811-10 20X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 T-10_030518

Manual Integrations
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Sohil
 3/7/2018 12:20:30 PM

Quant Time: Mar 07 03:09:42 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	1404	0.40	ng	0.00
7) Naphthalene-d8	11.27	136	5667	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	3387	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	7532	0.40	ng	0.00
27) Chrysene-d12	21.80	240	7714	0.40	ng	0.00
34) Perylene-d12	24.43	264	7281	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.92	112	52m	0.01	ng	0.00
5) Phenol-d6	7.57	99	61	0.01	ng	0.01
8) Nitrobenzene-d5	9.61	82	87	0.01	ng	0.00
11) 2-Methylnaphthalene-d10	12.81	152	120	0.01	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	16	0.13	ng	0.00
15) 2-Fluorobiphenyl	13.64	172	171	0.01	ng	0.00
25) Fluoranthene-d10	19.69	212	962	0.01	ng	0.00
29) Terphenyl-d14	20.25	244	166	0.01	ng	0.00
Target Compounds						
23) Phenanthrene	17.75	178	2026	0.086	ng	99
26) Fluoranthene	19.72	202	3491	0.121	ng	# 97
28) Pyrene	20.07	202	3374	0.107	ng	96
30) Benzo(a)anthracene	21.78	228	1329	0.053	ng	# 87
31) Chrysene	21.84	228	1248	0.050	ng	# 90
35) Benzo(b)fluoranthene	23.61	252	1192	0.046	ng	# 79
37) Benzo(a)pyrene	24.30	252	821	0.035	ng	# 56

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

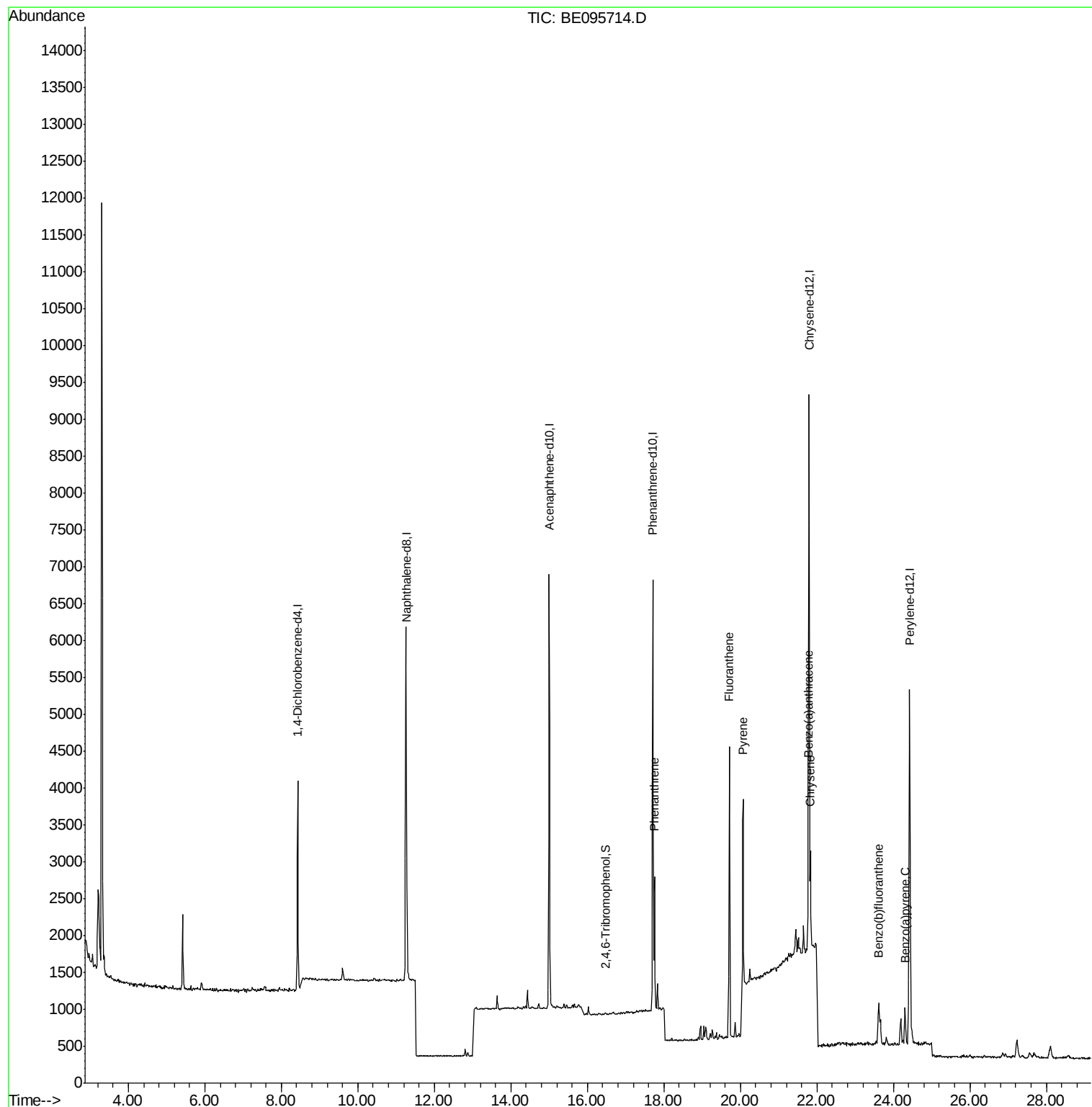
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE030618\
Data File : BE095714.D
Acq On : 7 Mar 2018 1:09
Operator : SJ/JU
Sample : J1811-10 20X
Misc :
ALS Vial : 16 Sample Multiplier: 1

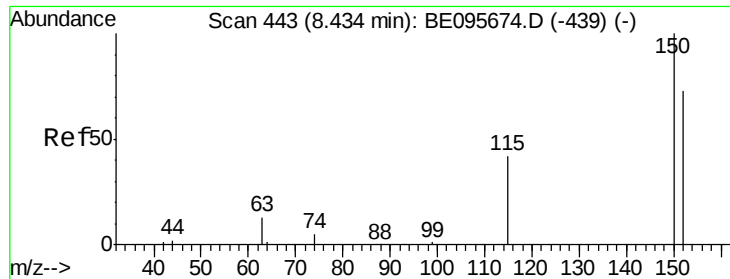
Instrument :
BNA_E
ClientSampleId :
T-10_030518

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3/7/2018 12:20:30 PM

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#1

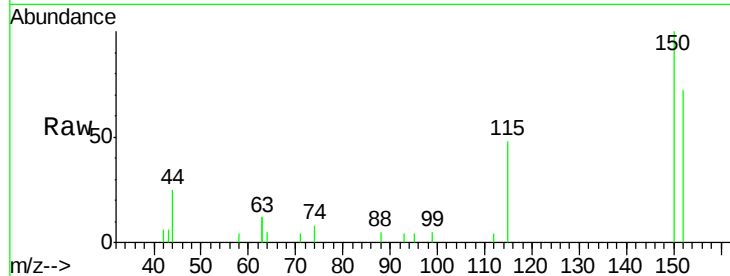
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BE095714.D
Acq: 7 Mar 2018 1:09

Instrument :
BNA_E
ClientSampleId :
T-10_030518

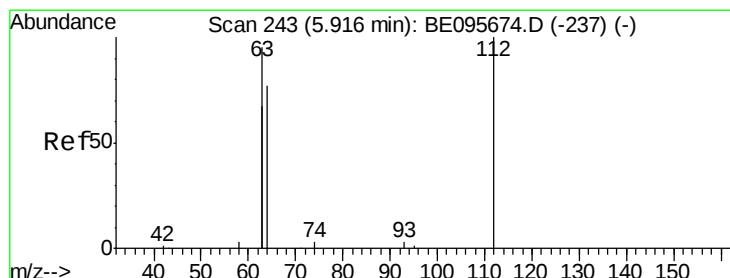
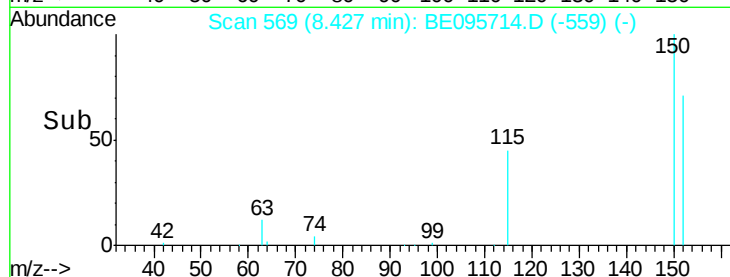
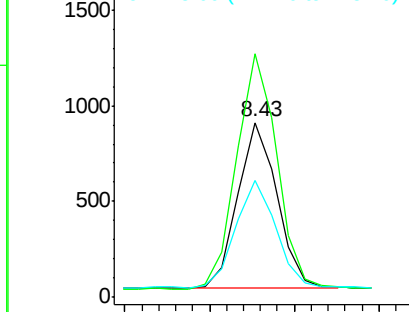
Tot Ion	Ratio	Lower	Upper
152	100		
150	139.1	117.2	175.8
115	66.5	57.0	85.6

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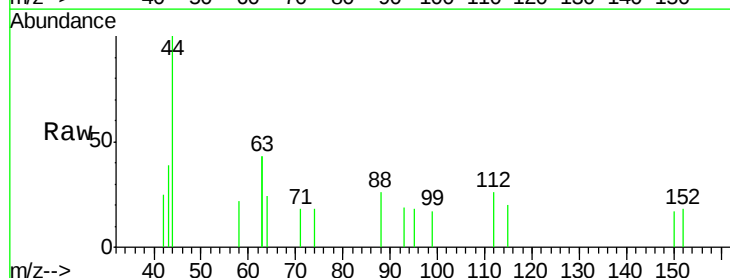
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



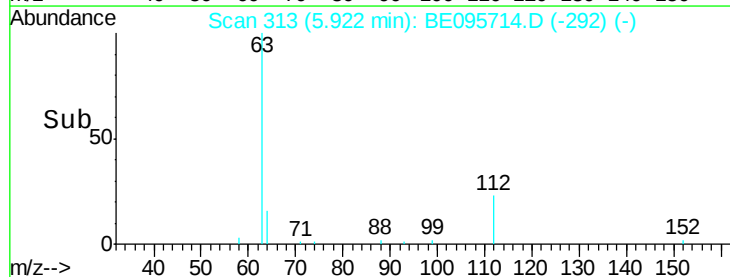
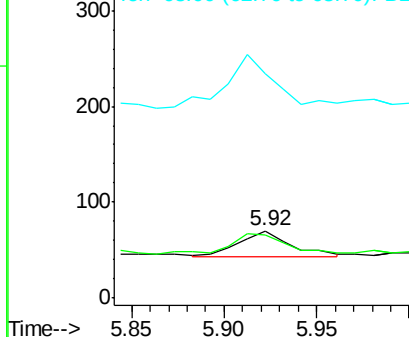
#4

2-Fluorophenol
Concen: 0.014 ng m
RT: 5.92 min Scan# 313
Delta R.T. 0.01 min
Lab File: BE095714.D
Acq: 7 Mar 2018 1:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	7.7	60.1	90.1#
63	13.5	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: 0.012 ng

RT: 7.57 min Scan# 481

Delta R.T. 0.01 min

Lab File: BE095714.D

Acq: 7 Mar 2018 1:09

Instrument :

BNA_E

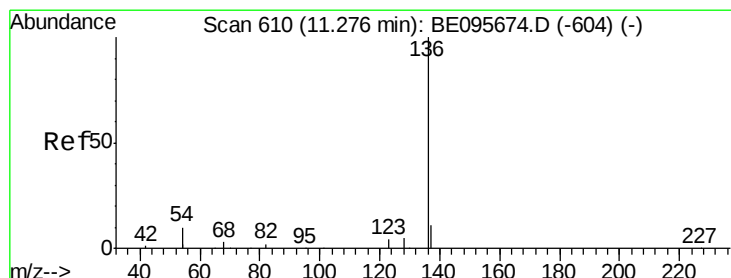
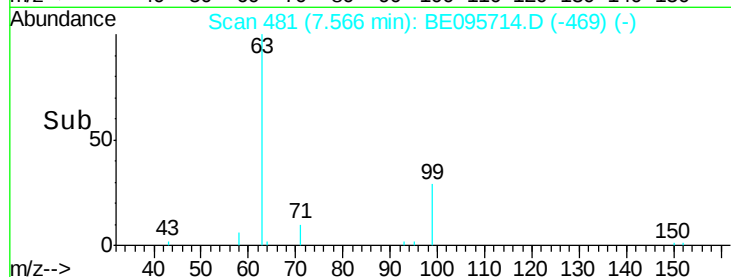
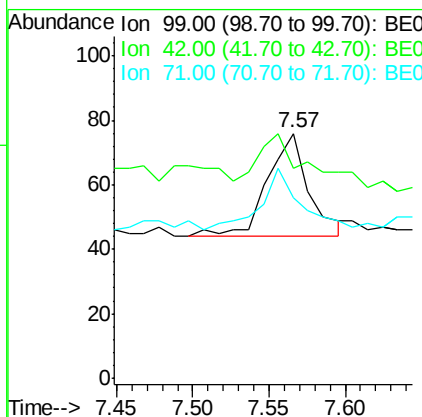
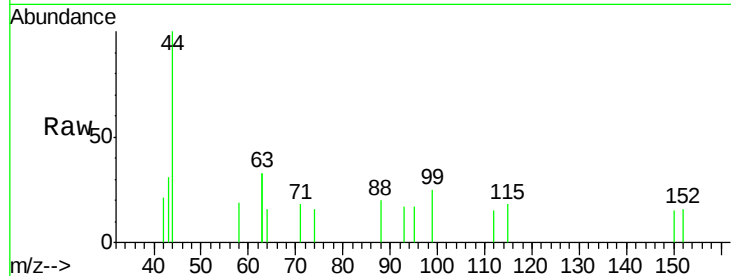
ClientSampled :

T-10_030518

Tot Ion:	99	Resp:	61
Ion	Ratio	Lower	Upper
99	100		
42	42.6	20.2	30.2#
71	57.4	28.4	42.6#

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#7

Naphthalene-d8

Concen: 0.400 ng

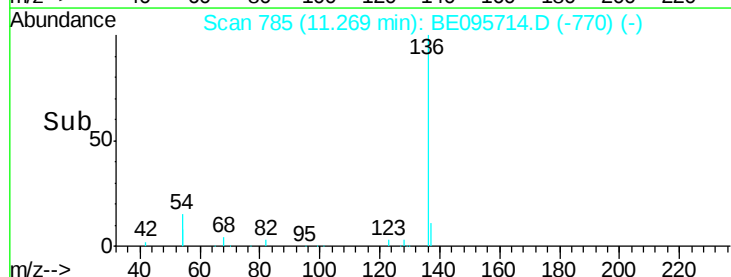
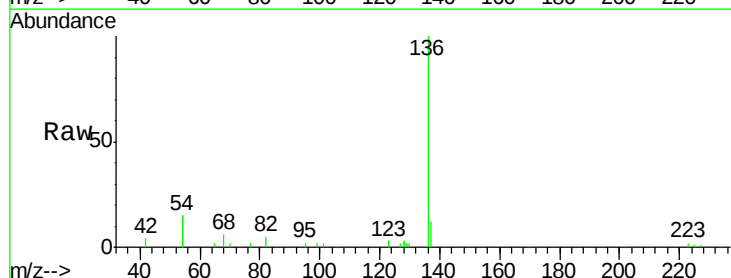
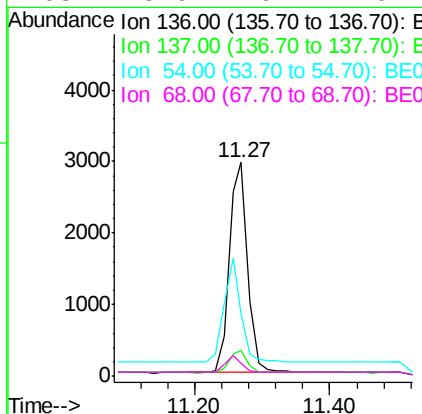
RT: 11.27 min Scan# 785

Delta R.T. -0.01 min

Lab File: BE095714.D

Acq: 7 Mar 2018 1:09

Tgt Ion:	136	Resp:	5667
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.5	14.3
54	29.3	29.1	43.7
68	5.9	6.2	9.2#





#8

Nitrobenzene-d5

Concen: 0.015 ng

RT: 9.61 min Scan# 657

Delta R.T. -0.01 min

Lab File: BE095714.D

Acq: 7 Mar 2018 1:09

Instrument :

BNA_E

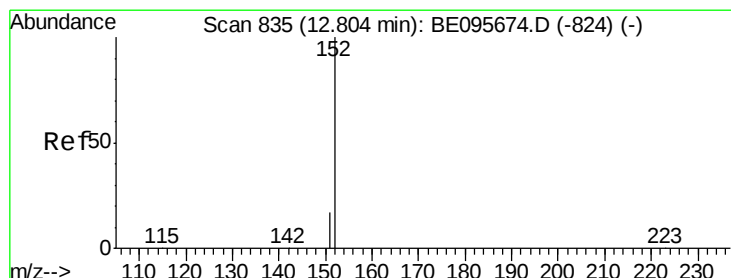
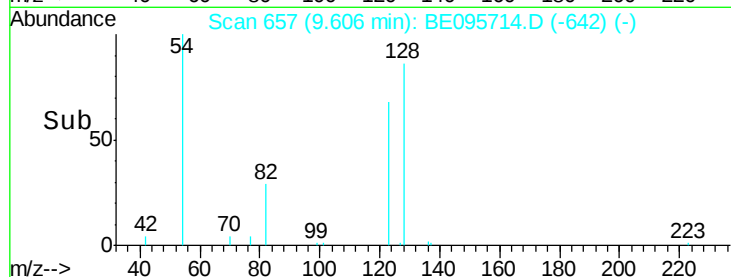
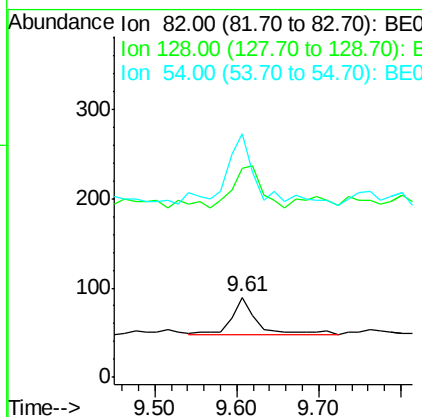
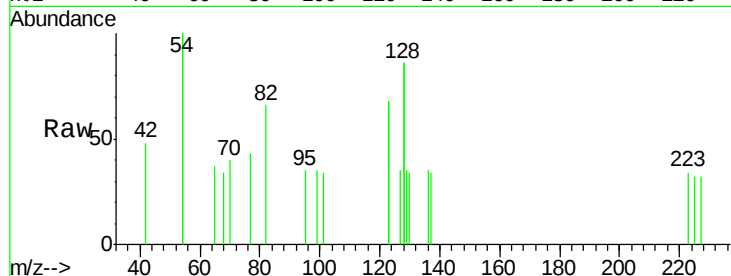
ClientSampleId :

T-10_030518

Tot Ion:	82	Resp:	87
Ion	Ratio	Lower	Upper
82	100		
128	260.0	150.0	225.0#
54	302.2	154.2	231.4#

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#11

2-Methylnaphthalene-d10

Concen: 0.013 ng

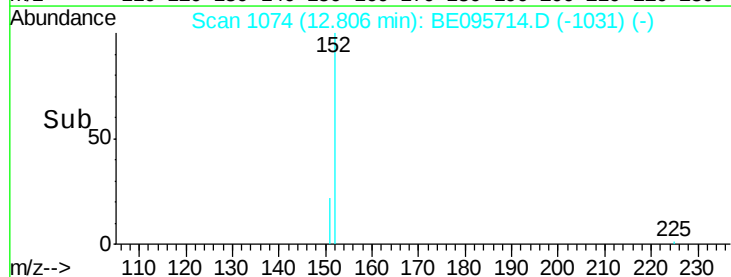
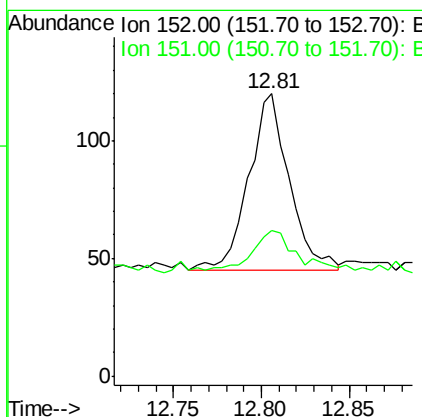
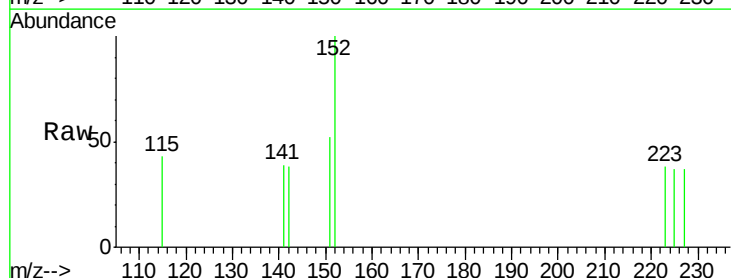
RT: 12.81 min Scan# 1074

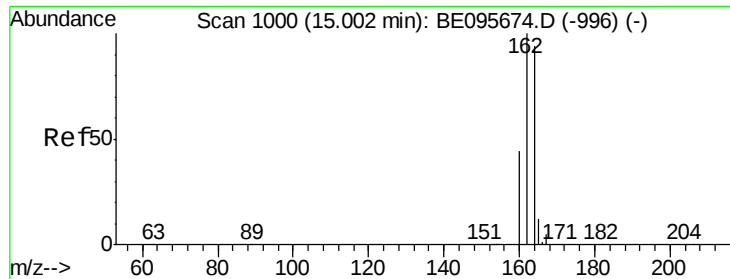
Delta R.T. 0.00 min

Lab File: BE095714.D

Acq: 7 Mar 2018 1:09

Tgt Ion:	152	Resp:	120
Ion	Ratio	Lower	Upper
152	100		
151	25.0	15.4	23.0#





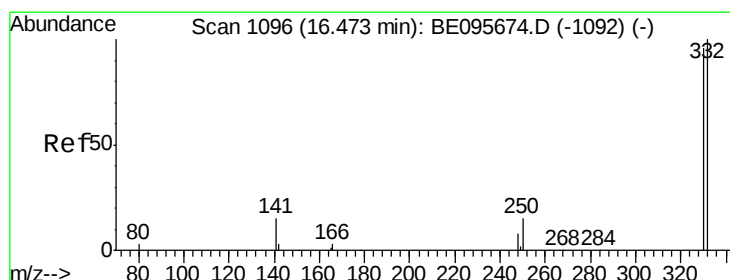
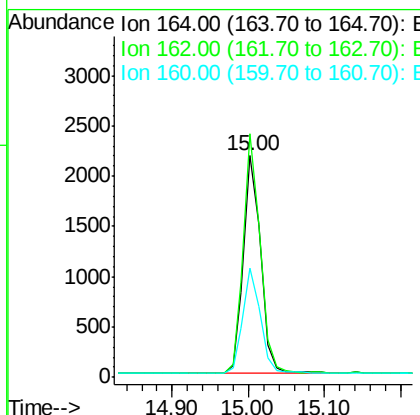
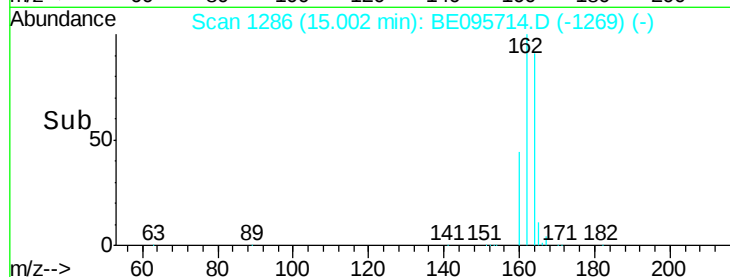
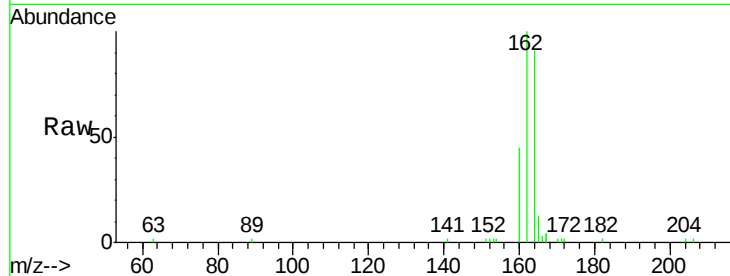
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 15.00 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: BE095714.D
 Acq: 7 Mar 2018 1:09

Instrument :
 BNA_E
 ClientSampleId :
 T-10_030518

Tot Ion	Ratio	Lower	Upper
164	100		
162	109.8	83.1	124.7
160	49.2	37.1	55.7

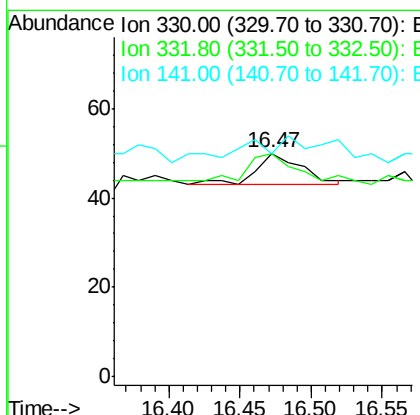
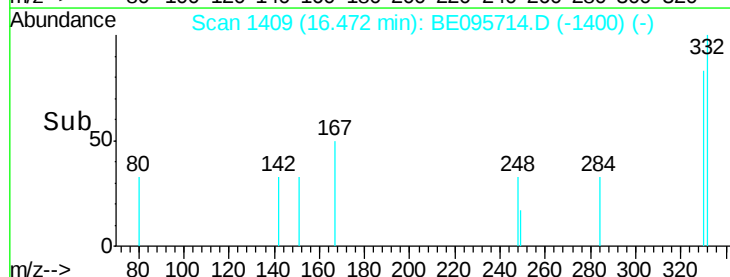
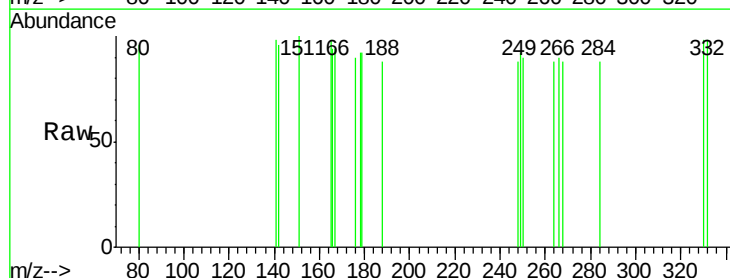
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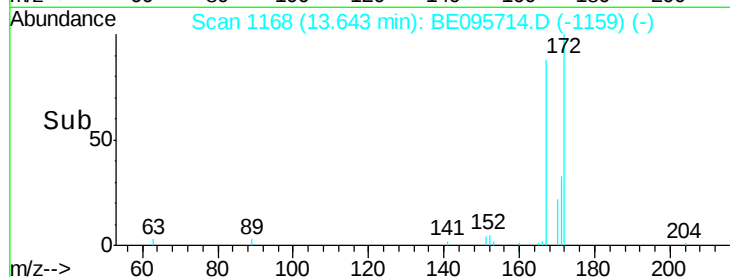
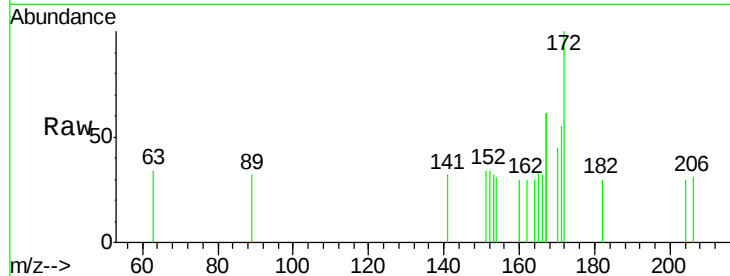
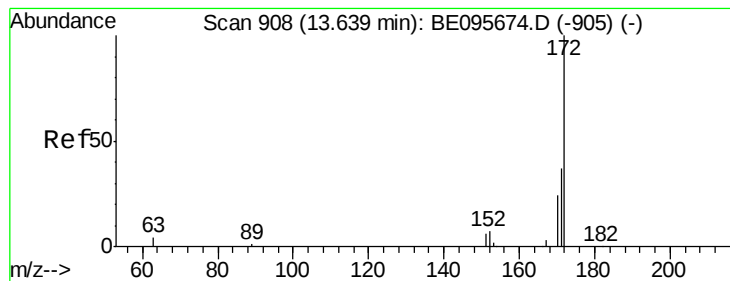
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#14
 2,4,6-Tribromophenol
 Concen: 0.125 ng
 RT: 16.47 min Scan# 1409
 Delta R.T. -0.00 min
 Lab File: BE095714.D
 Acq: 7 Mar 2018 1:09

Tgt Ion	Ratio	Lower	Upper
330	100		
332	125.0	152.7	229.1#
141	93.8	33.7	50.5#





#15

2-Fluorobiphenyl

Concen: 0.011 ng

RT: 13.64 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BE095714.D

Acq: 7 Mar 2018 1:09

Instrument :

BNA_E

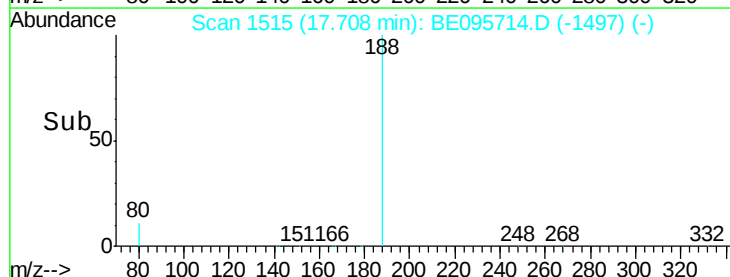
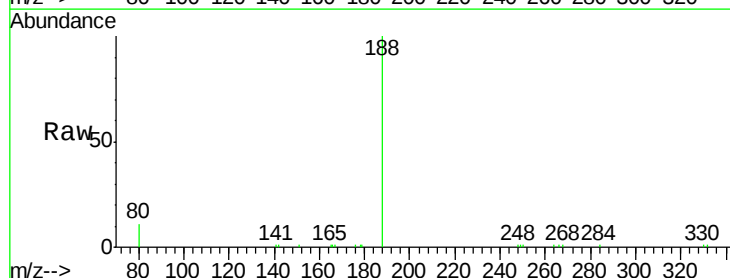
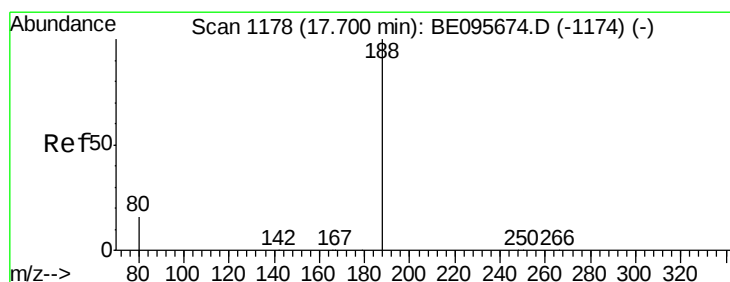
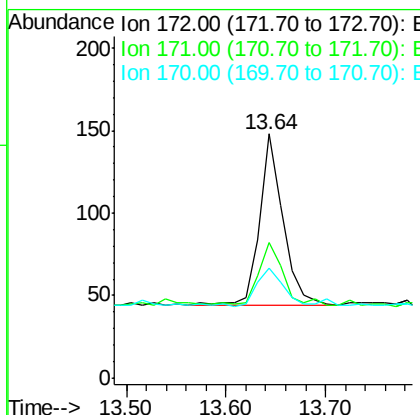
ClientSampleId :

T-10_030518

Tot Ion:	172	Resp:	171
Ion Ratio	Lower	Upper	
172	100		
171	55.4	29.9	44.9#
170	45.3	21.8	32.8#

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#19

Phenanthrene-d10

Concen: 0.400 ng

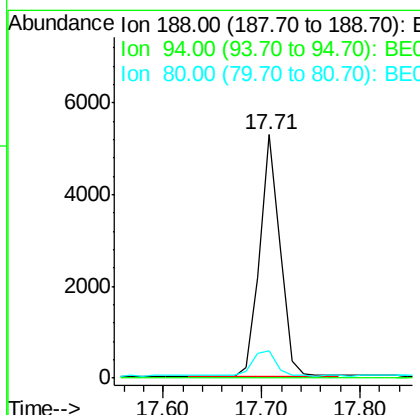
RT: 17.71 min Scan# 1515

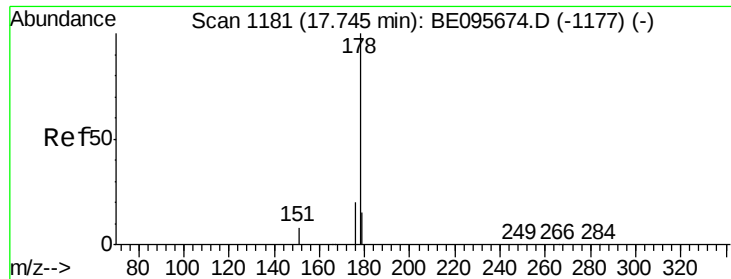
Delta R.T. 0.01 min

Lab File: BE095714.D

Acq: 7 Mar 2018 1:09

Tgt Ion:	188	Resp:	7532
Ion Ratio	Lower	Upper	
188	100		
94	0.0	3.9	5.9#
80	11.4	3.6	5.4#





#23

Phenanthrene

Concen: 0.086 ng

RT: 17.75 min Scan# 1519

Delta R.T. 0.01 min

Lab File: BE095714.D

Acq: 7 Mar 2018 1:09

Instrument :

BNA_E

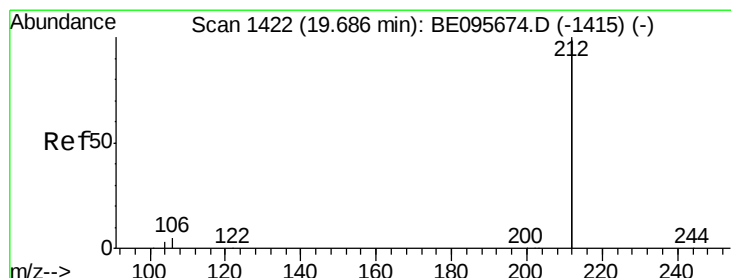
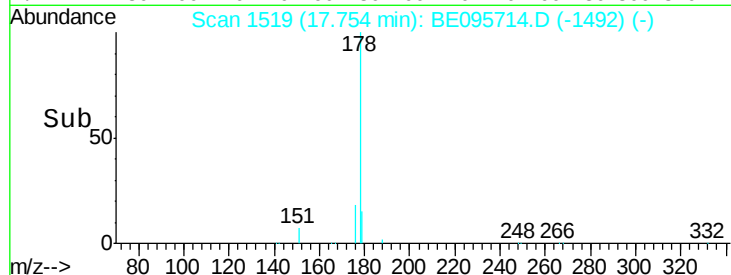
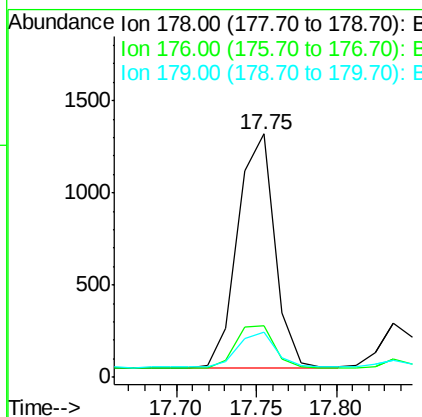
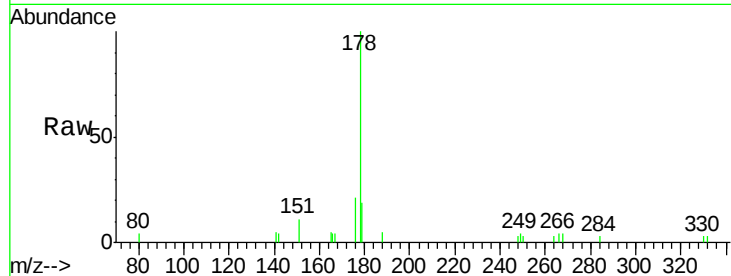
ClientSampleId :

T-10_030518

Tot Ion:	178	Resp:	2026
Ion Ratio	Lower	Upper	
178	100		
176	19.2	15.1	22.7
179	15.5	11.8	17.6

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#25

Fluoranthene-d10

Concen: 0.010 ng

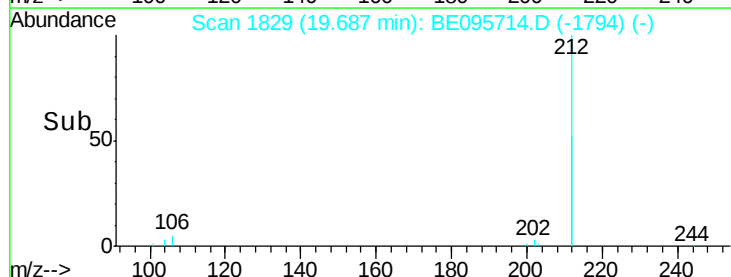
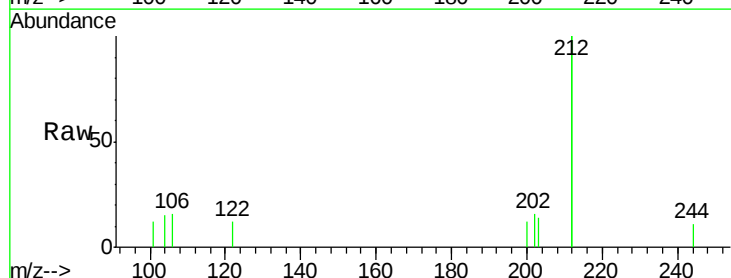
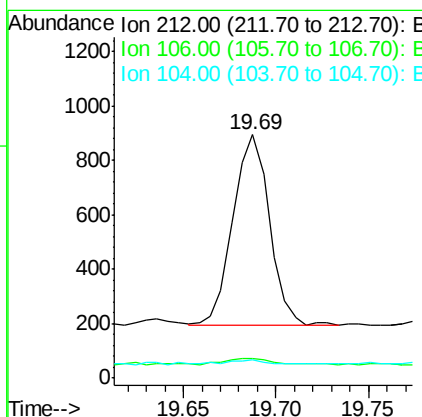
RT: 19.69 min Scan# 1829

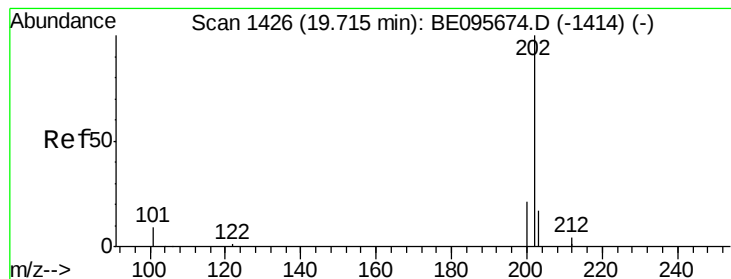
Delta R.T. 0.00 min

Lab File: BE095714.D

Acq: 7 Mar 2018 1:09

Tgt Ion:	212	Resp:	962
Ion Ratio	Lower	Upper	
212	100		
106	4.3	2.8	4.2#
104	1.8	1.6	2.4





#26

Fluoranthene

Concen: 0.121 ng

RT: 19.72 min Scan# 1834

Delta R.T. 0.00 min

Lab File: BE095714.D

Acq: 7 Mar 2018 1:09

Instrument :

BNA_E

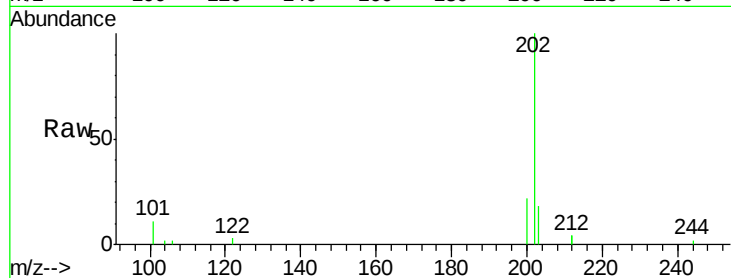
ClientSampleId :

T-10_030518

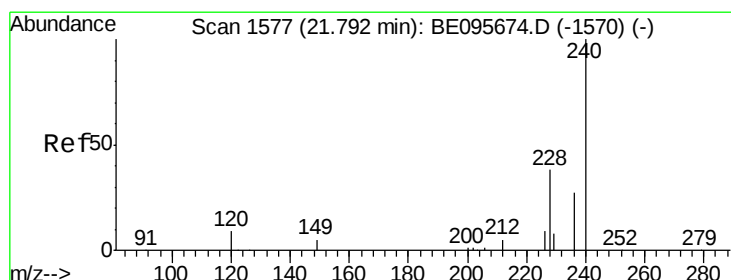
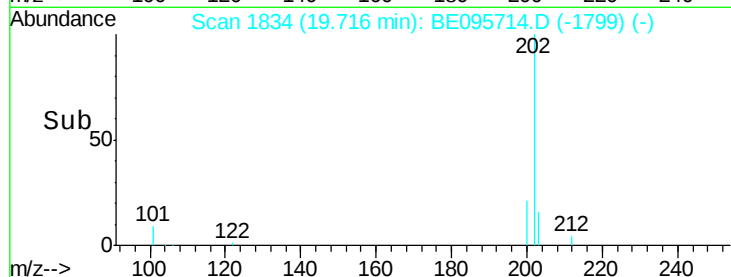
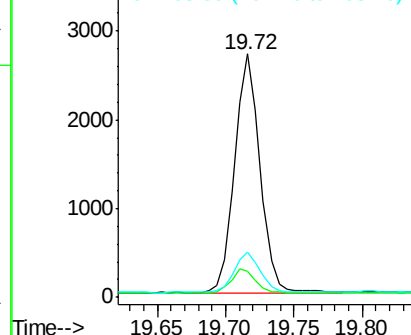
Tot Ion:	202	Resp:	3491
Ion Ratio	Lower	Upper	
202	100		
101	9.8	9.8	14.8#
203	17.1	13.7	20.5

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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



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.80 min Scan# 2029

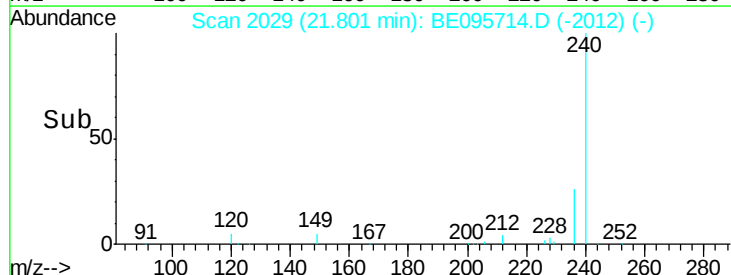
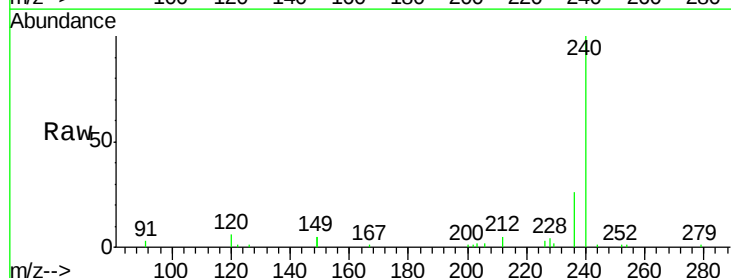
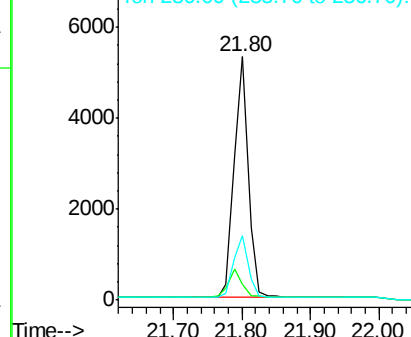
Delta R.T. 0.01 min

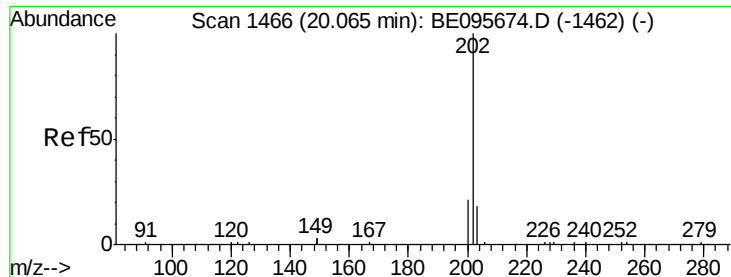
Lab File: BE095714.D

Acq: 7 Mar 2018 1:09

Tgt Ion:	240	Resp:	7714
Ion Ratio	Lower	Upper	
240	100		
120	6.4	5.5	8.3
236	26.5	20.7	31.1

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





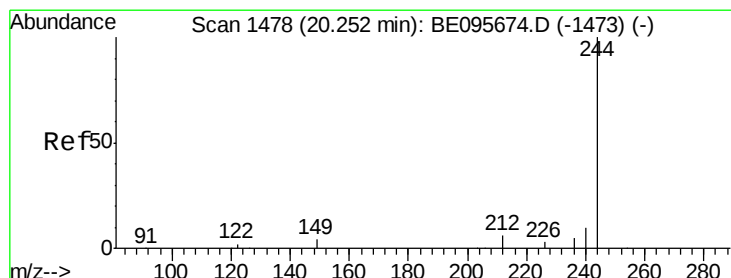
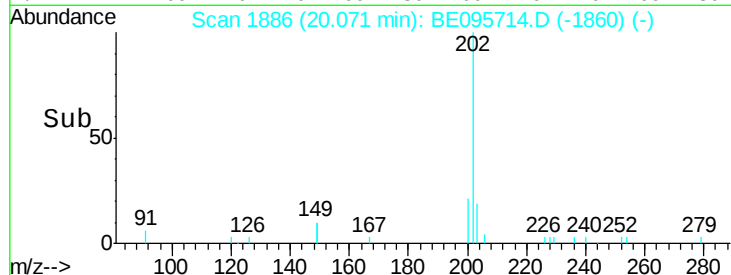
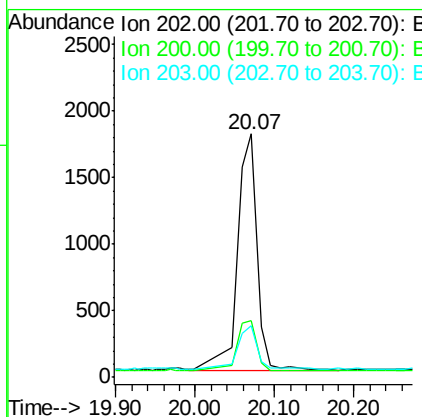
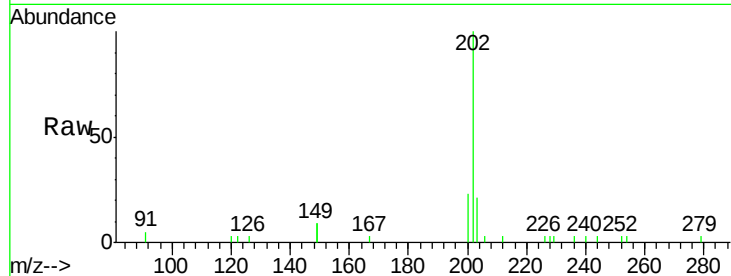
#28
Pvrene
Concen: 0.107 ng
RT: 20.07 min Scan# 1886
Delta R.T. 0.01 min
Lab File: BE095714.D
Acq: 7 Mar 2018 1:09

Instrument :
BNA_E
ClientSampleId :
T-10_030518

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.6	16.6	25.0
203	19.1	13.8	20.8

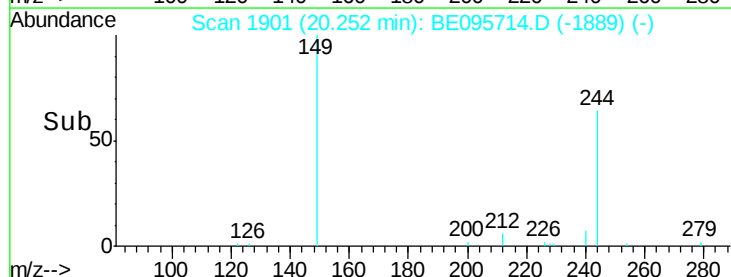
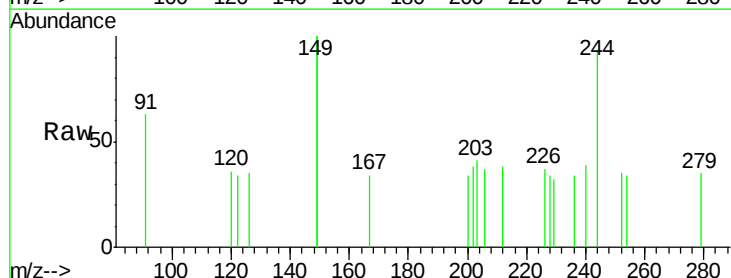
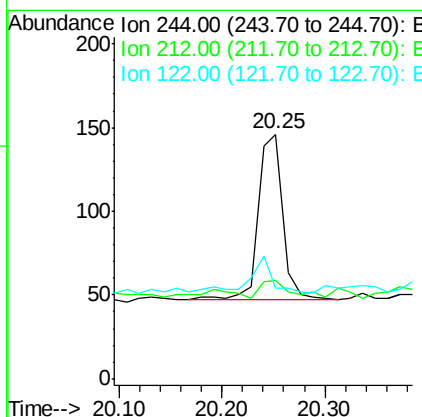
Manual Integrations
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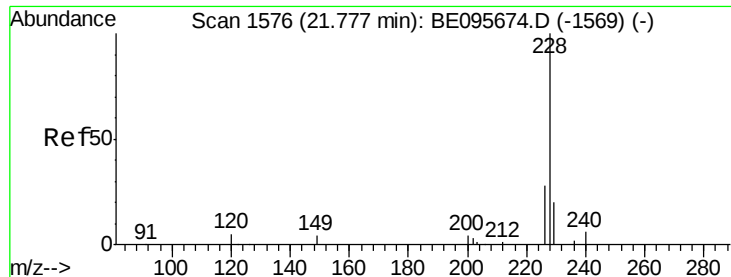
Sohil
3/7/2018 12:20:30 PM



#29
Terphenyl-d14
Concen: 0.011 ng
RT: 20.25 min Scan# 1901
Delta R.T. 0.00 min
Lab File: BE095714.D
Acq: 7 Mar 2018 1:09

Tgt Ion	Ratio	Lower	Upper
244	100		
212	40.4	25.4	38.0#
122	37.0	8.1	12.1#





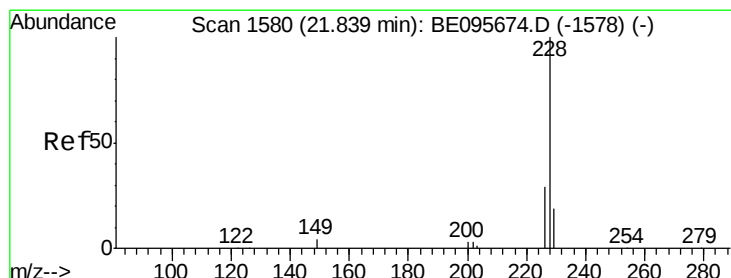
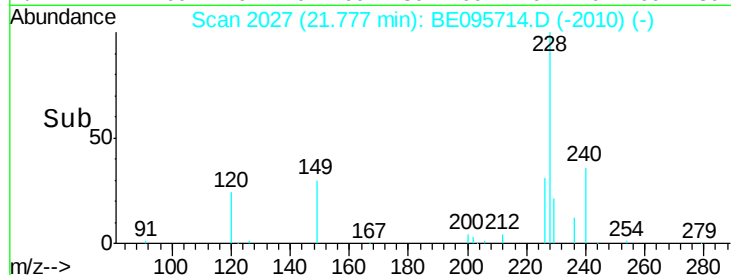
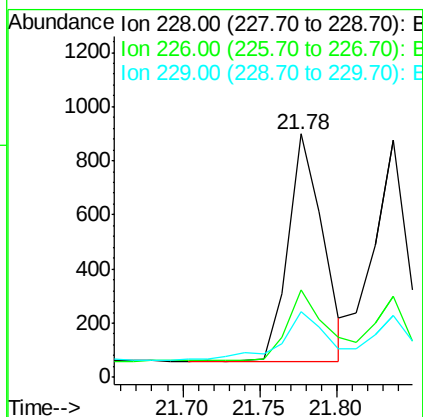
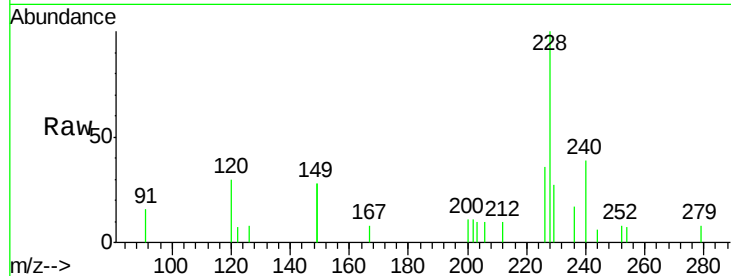
#30
Benzo(a)anthracene
Concen: 0.053 ng
RT: 21.78 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BE095714.D
Acq: 7 Mar 2018 1:09

Instrument :
BNA_E
ClientSampleId :
T-10_030518

Tot Ion	Ratio	Lower	Upper
228	100		
226	35.9	24.0	36.0
229	27.3	16.0	24.0

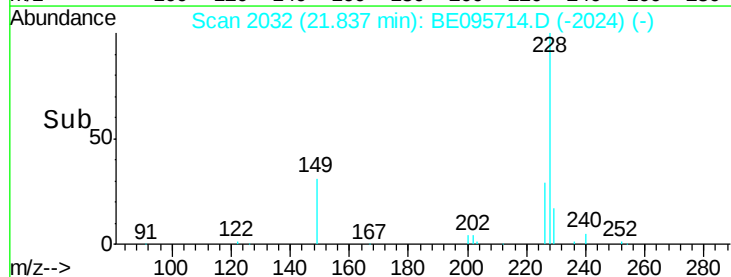
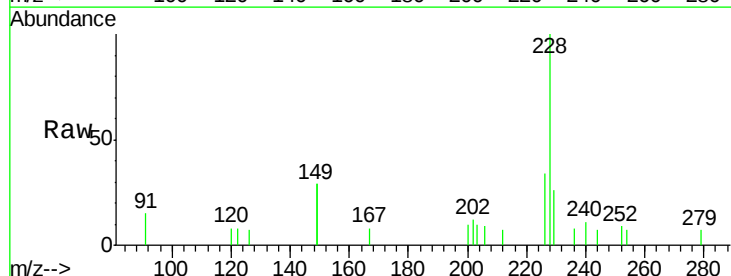
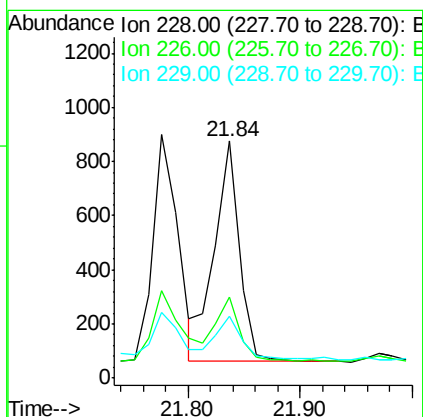
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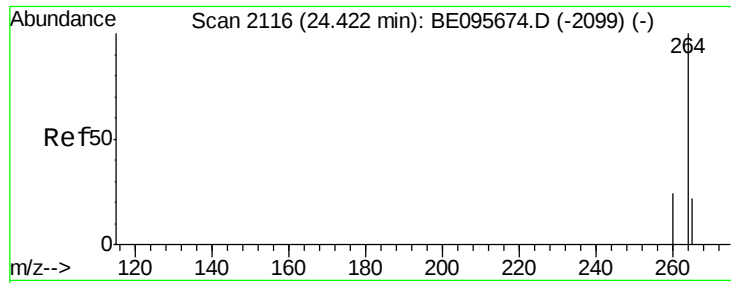
Sohil
3/7/2018 12:20:30 PM



#31
Chrysene
Concen: 0.050 ng
RT: 21.84 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BE095714.D
Acq: 7 Mar 2018 1:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.4	24.0	36.0
229	26.2	16.0	24.0





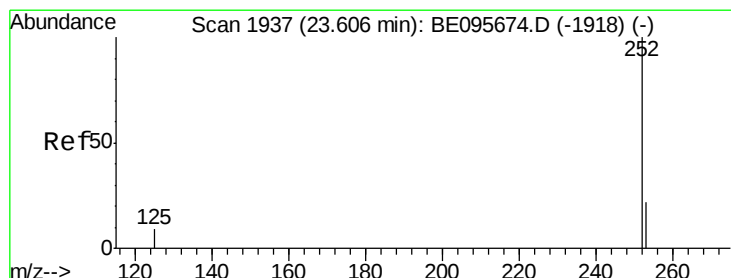
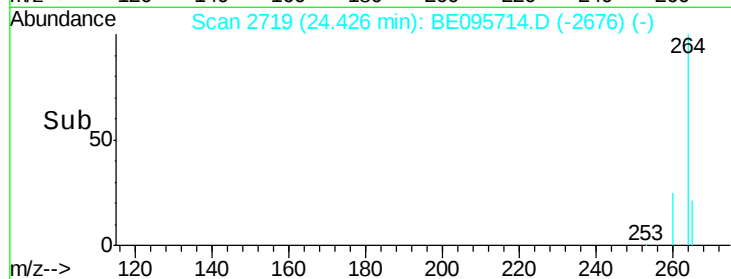
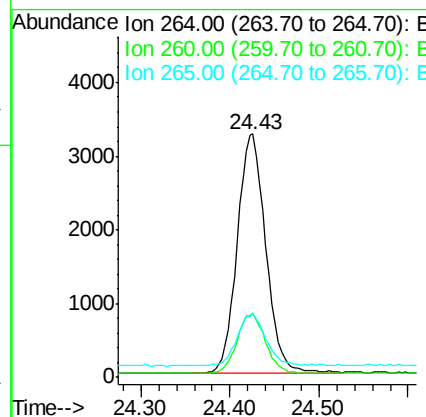
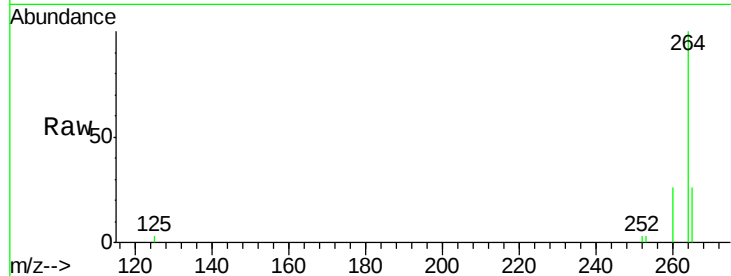
#34
Pervlene-d12
Concen: 0.400 ng
RT: 24.43 min Scan# 2719
Delta R.T. 0.00 min
Lab File: BE095714.D
Acq: 7 Mar 2018 1:09

Instrument :
BNA_E
ClientSampleId :
T-10_030518

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.5	20.5	30.7
265	26.3	22.8	34.2

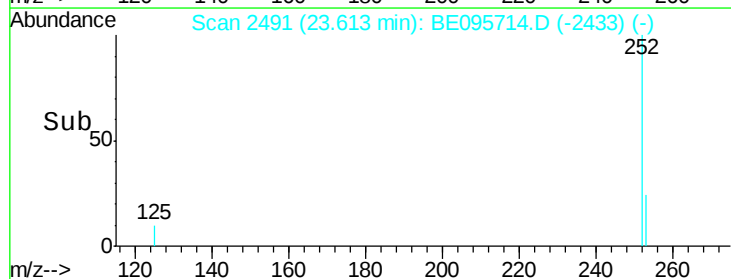
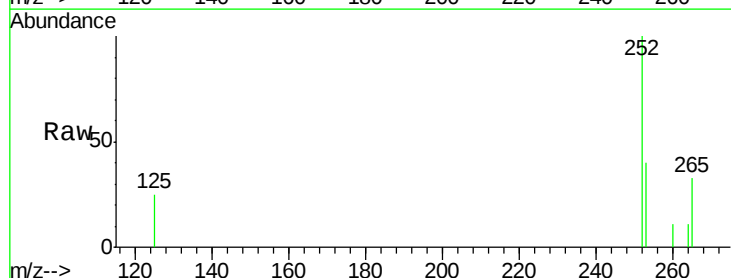
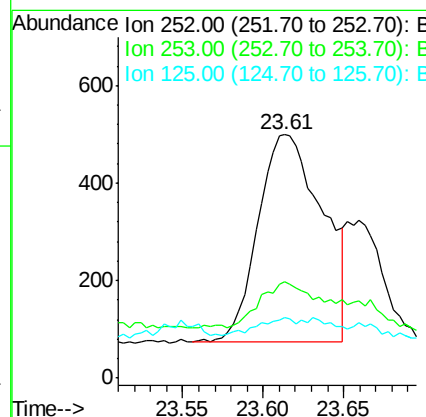
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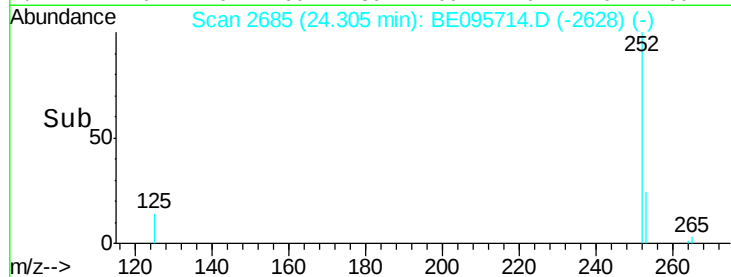
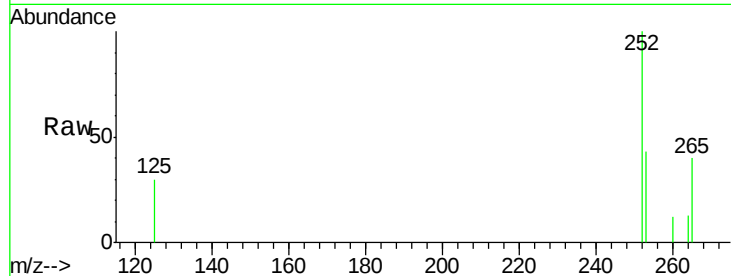
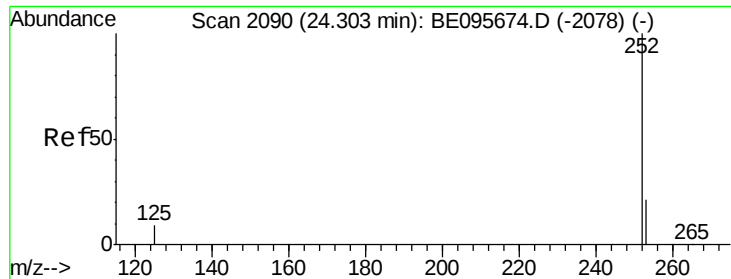
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3/7/2018 12:20:30 PM



#35
Benzo(b)fluoranthene
Concen: 0.046 ng
RT: 23.61 min Scan# 2491
Delta R.T. 0.01 min
Lab File: BE095714.D
Acq: 7 Mar 2018 1:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	39.9	20.0	30.0#
125	24.6	16.0	24.0#





#37

Benzo(a)pyrene

Concen: 0.035 ng

RT: 24.30 min Scan# 2685

Delta R.T. 0.00 min

Lab File: BE095714.D

Acq: 7 Mar 2018 1:09

Instrument :

BNA_E

ClientSampleId :

T-10_030518

Tot Ion:	252	Resp:	821
Ion Ratio	Lower	Upper	
252	100		
253	43.3	16.0	24.0#
125	29.8	12.0	18.0#

Manual Integrations
APPROVED

Sohil
3/7/2018 12:20:30 PM

