

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032618\
 Data File : BE095857.D
 Acq On : 27 Mar 2018 2:20
 Operator : SJ/JU
 Sample : J1994-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C-MW-06-032018

Manual Integrations
 APPROVED

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Quant Time: Mar 27 14:48:34 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 12:41:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1222	0.40	ng	0.00
7) Naphthalene-d8	11.26	136	4663	0.40	ng	0.00
13) Acenaphthene-d10	14.99	164	2775	0.40	ng	-0.01
19) Phenanthrene-d10	17.70	188	6429	0.40	ng	-0.01
27) Chrysene-d12	21.79	240	8594	0.40	ng	-0.01
34) Perylene-d12	24.42	264	7023	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.91	112	644	0.16	ng	0.00
5) Phenol-d6	7.56	99	596	0.11	ng	0.00
8) Nitrobenzene-d5	9.59	82	2377	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	12.79	152	2806	0.36	ng	-0.01
14) 2,4,6-Tribromophenol	16.46	330	588	0.37	ng	-0.01
15) 2-Fluorobiphenyl	13.63	172	6121	0.52	ng	-0.01
25) Fluoranthene-d10	19.68	212	33606	0.35	ng	-0.01
29) Terphenyl-d14	20.24	244	7801	0.43	ng	0.00
Target Compounds						Qvalue
23) Phenanthrene	17.74	178	637	0.033	ng	99
26) Fluoranthene	19.71	202	817	0.031	ng	94
28) Pyrene	20.06	202	1132m	0.032	ng	
32) Bis(2-ethylhexyl)phthalate	21.64	149	24973	0.274	ng	100

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

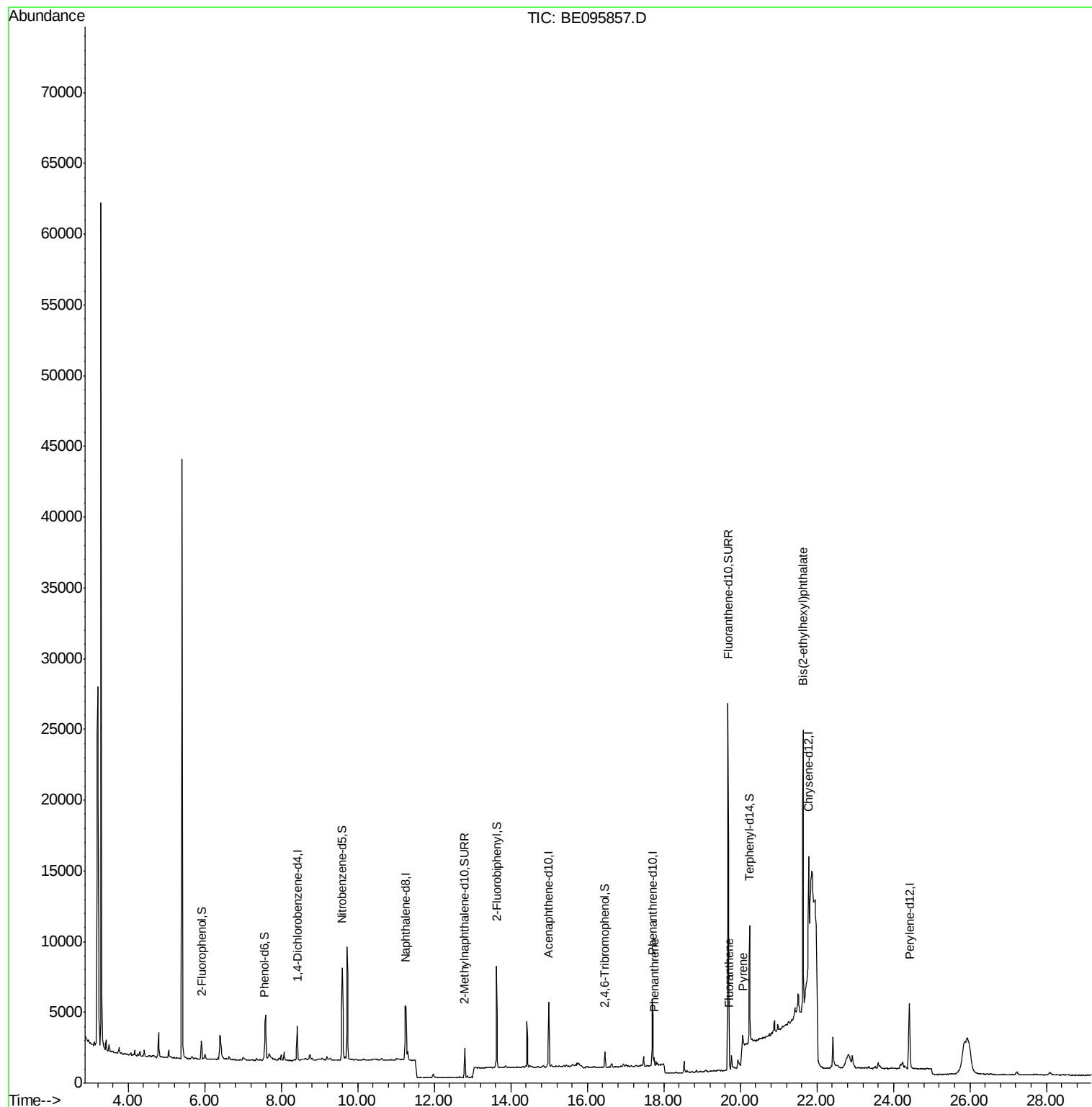
Data Path : Z:\HPCHEM1\BNA E\DATA\BE032618\
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#1

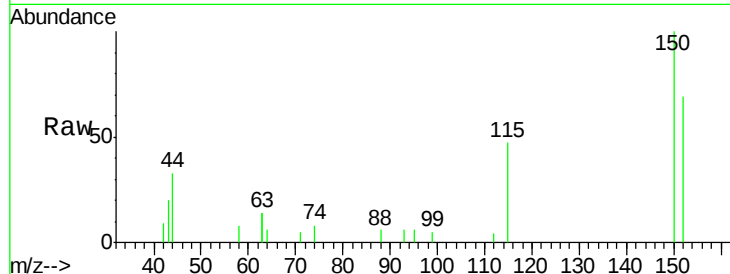
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.42 min Scan# 568
Delta R.T. -0.01 min
Lab File: BE095857.D
Acq: 27 Mar 2018 2:20

Instrument :
BNA_E
ClientSampleId :
C-MW-06-032018

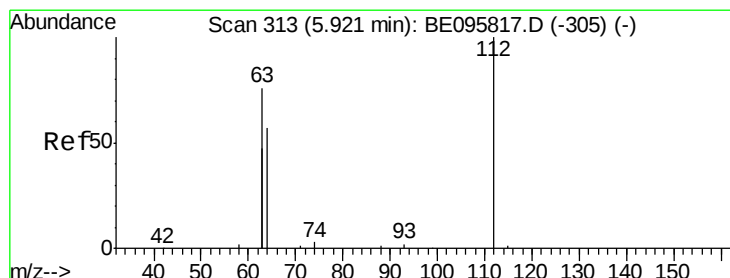
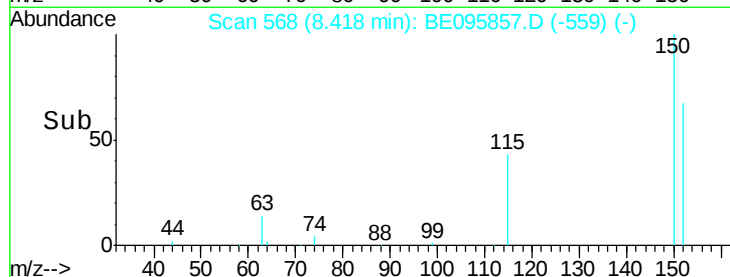
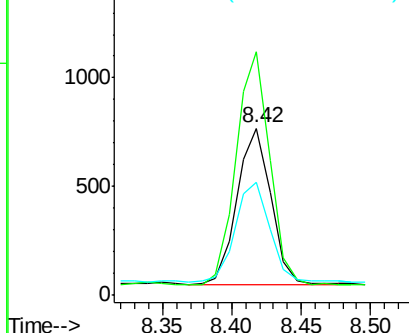
Tot Ion	Ratio	Lower	Upper
152	100		
150	145.5	117.2	175.8
115	67.7	57.0	85.6

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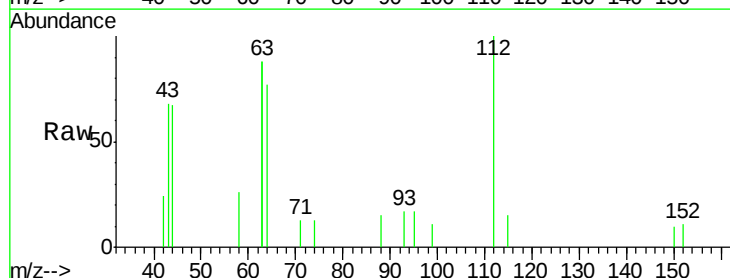
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



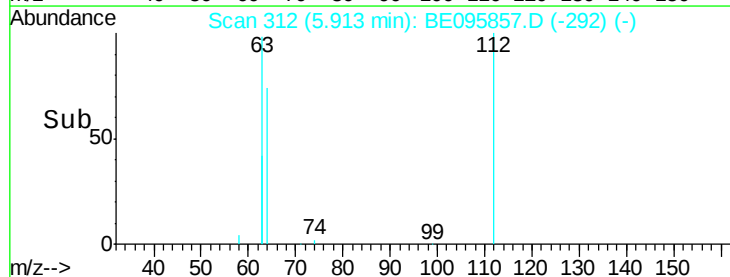
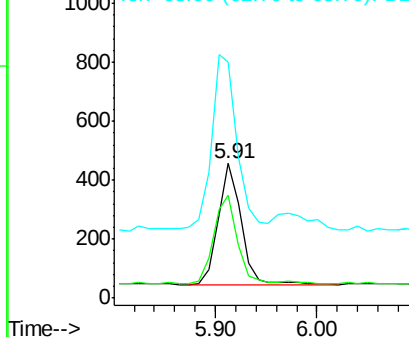
#4

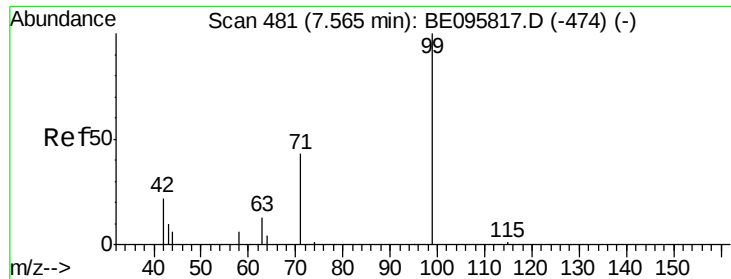
2-Fluorophenol
Concen: 0.160 ng
RT: 5.91 min Scan# 312
Delta R.T. -0.01 min
Lab File: BE095857.D
Acq: 27 Mar 2018 2:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.4	60.1	90.1
63	162.0	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: 0.108 ng

RT: 7.56 min Scan# 480

Delta R.T. -0.01 min

Lab File: BE095857.D

Acq: 27 Mar 2018 2:20

Instrument :

BNA_E

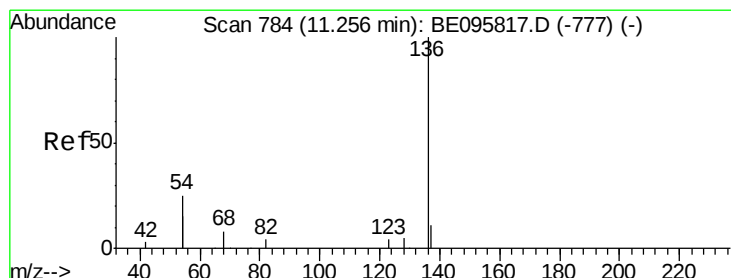
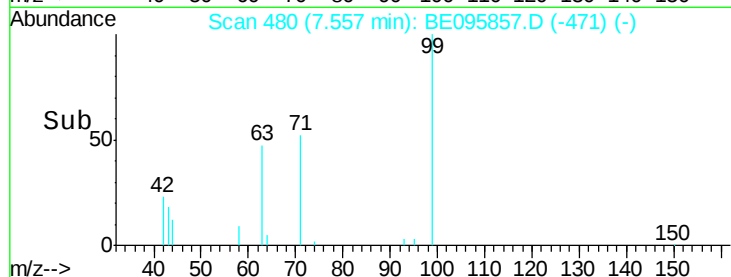
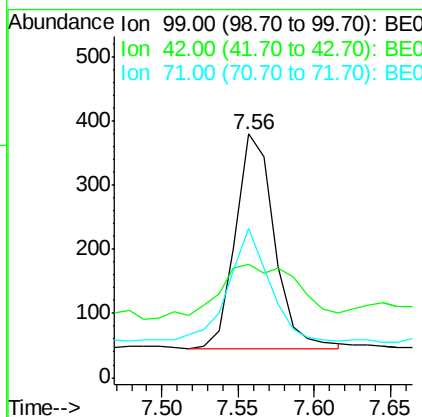
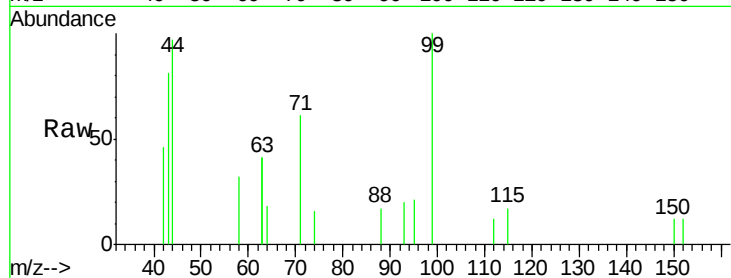
ClientSampleId :

C-MW-06-032018

Tot Ion:	99	Resp:	596
Ion	Ratio	Lower	Upper
99	100		
42	51.7	20.2	30.2#
71	54.5	28.4	42.6#

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#7

Naphthalene-d8

Concen: 0.400 ng

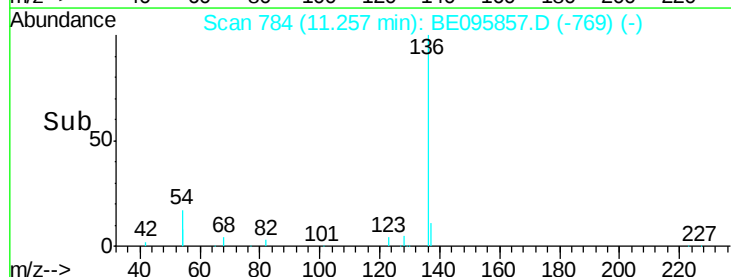
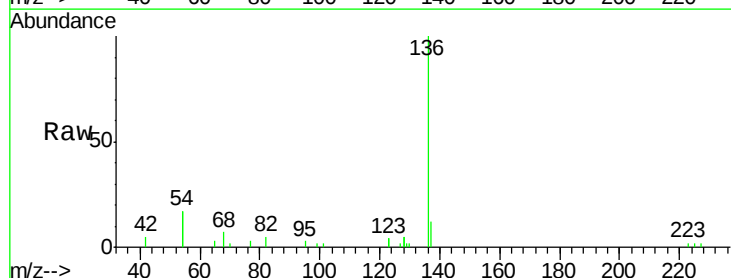
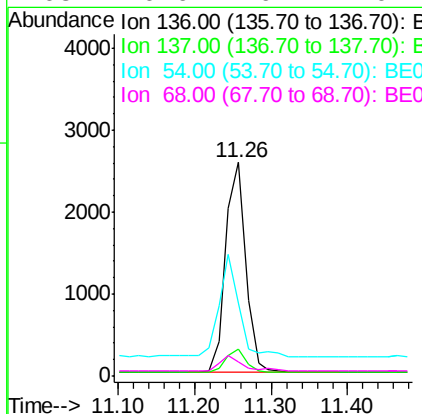
RT: 11.26 min Scan# 784

Delta R.T. 0.00 min

Lab File: BE095857.D

Acq: 27 Mar 2018 2:20

Tgt Ion:	136	Resp:	4663
Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.5	14.3
54	34.0	29.1	43.7
68	6.6	6.2	9.2





#8

Nitrobenzene-d5

Concen: 0.431 ng

RT: 9.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE095857.D

Acq: 27 Mar 2018 2:20

Instrument :

BNA_E

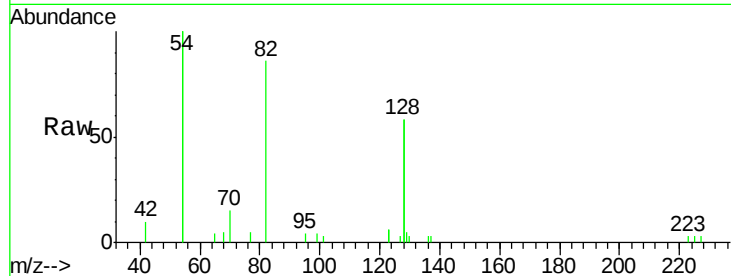
ClientSampleId :

C-MW-06-032018

Tot Ion:	82	Resp:	2377
Ion Ratio	Lower	Upper	
82	100		
128	135.4	150.0	225.0#
54	231.7	154.2	231.4#

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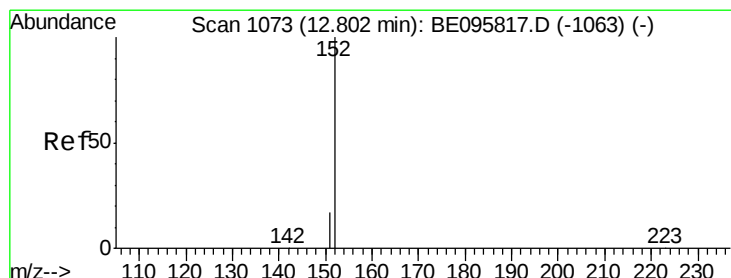
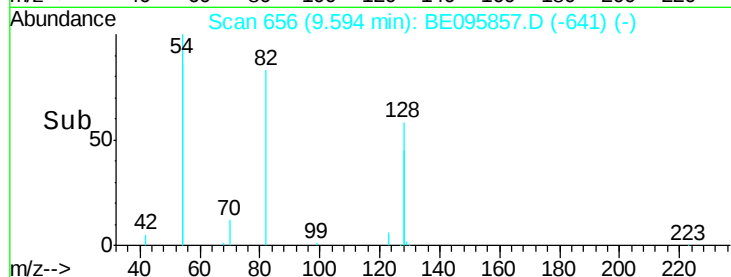
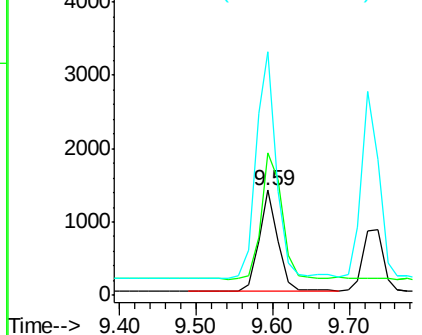
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Abundance Ion 82.00 (81.70 to 82.70): BE095817.D (-653) (-)

Ion 128.00 (127.70 to 128.70): BE095817.D (-653) (-)

Ion 54.00 (53.70 to 54.70): BE095817.D (-653) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.361 ng

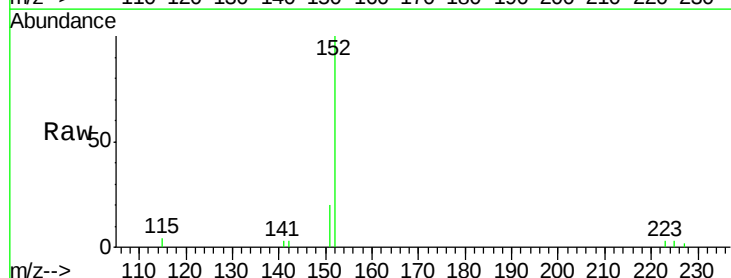
RT: 12.79 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BE095857.D

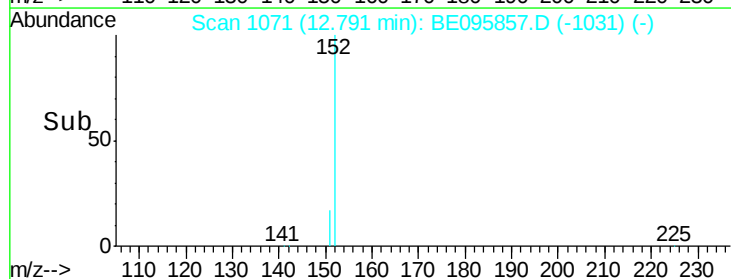
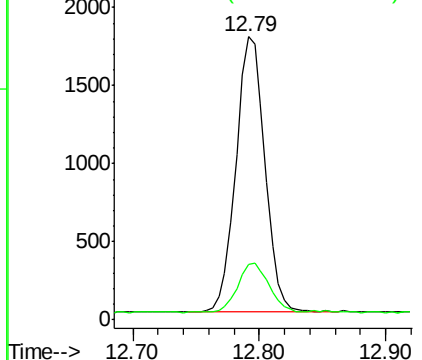
Acq: 27 Mar 2018 2:20

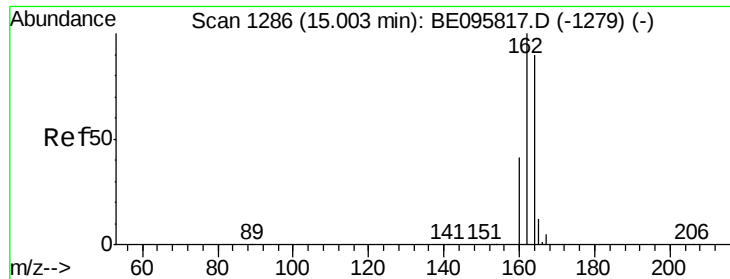
Tgt Ion:	152	Resp:	2806
Ion Ratio	Lower	Upper	
152	100		
151	19.5	15.4	23.0



Abundance Ion 152.00 (151.70 to 152.70): BE095817.D (-1063) (-)

Ion 151.00 (150.70 to 151.70): BE095817.D (-1063) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.99 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BE095857.D

Acq: 27 Mar 2018 2:20

Instrument :

BNA_E

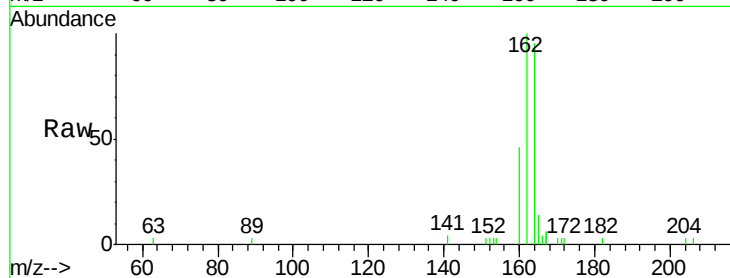
ClientSampleId :

C-MW-06-032018

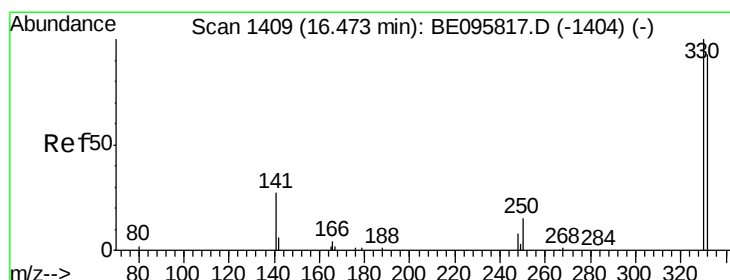
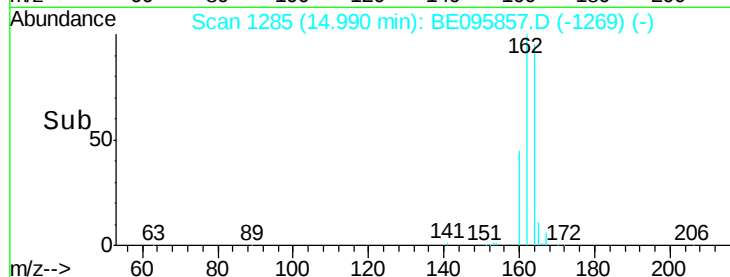
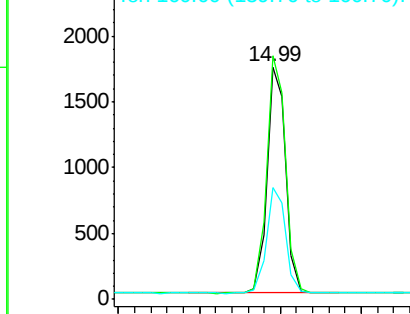
Tot Ion:	164	Resp:	2775
Ion Ratio	Lower	Upper	
164	100		
162	104.9	83.1	124.7
160	48.3	37.1	55.7

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.367 ng

RT: 16.46 min Scan# 1408

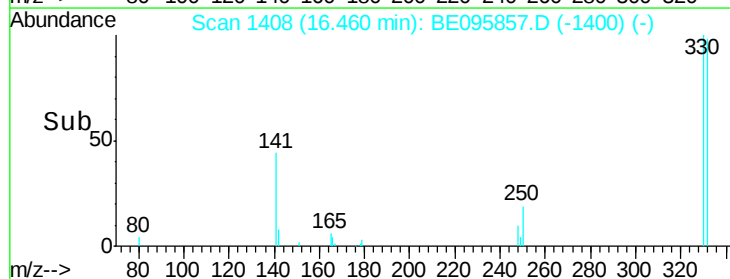
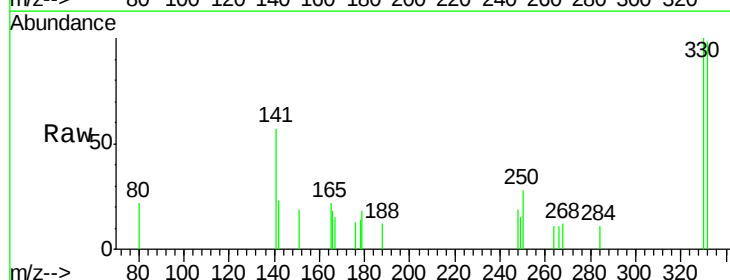
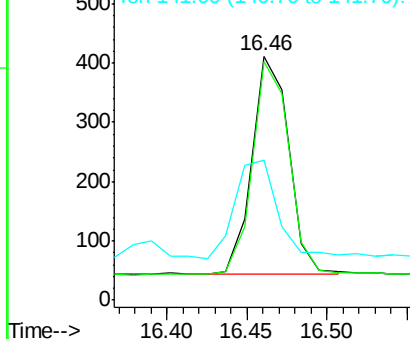
Delta R.T. -0.01 min

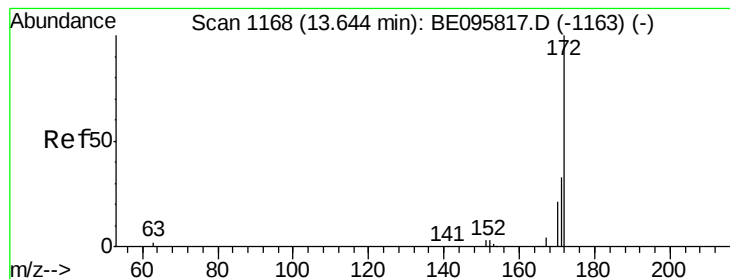
Lab File: BE095857.D

Acq: 27 Mar 2018 2:20

Tgt Ion:	330	Resp:	588
Ion Ratio	Lower	Upper	
330	100		
332	98.0	152.7	229.1#
141	51.9	33.7	50.5#

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





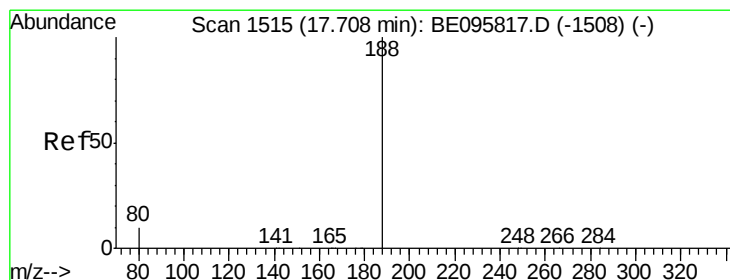
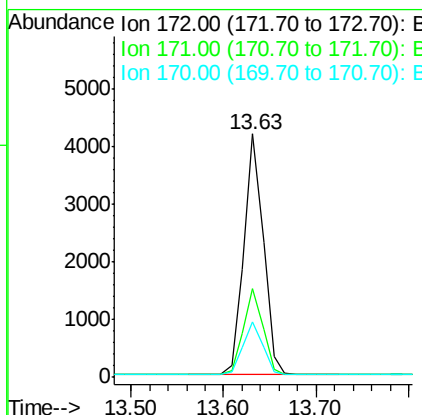
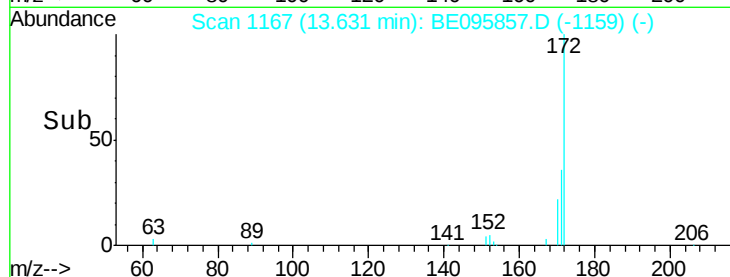
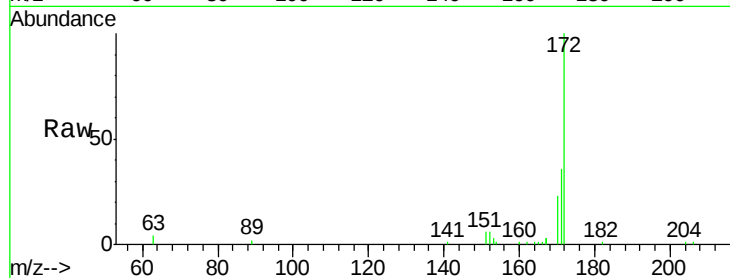
#15
2-Fluorobiphenyl
Concen: 0.523 ng
RT: 13.63 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BE095857.D
Acq: 27 Mar 2018 2:20

Instrument :
BNA_E
ClientSampleId :
C-MW-06-032018

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.9	44.9
170	22.5	21.8	32.8

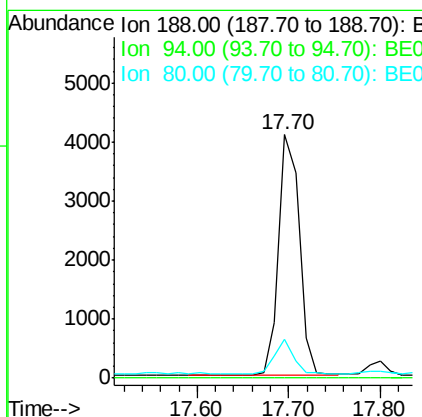
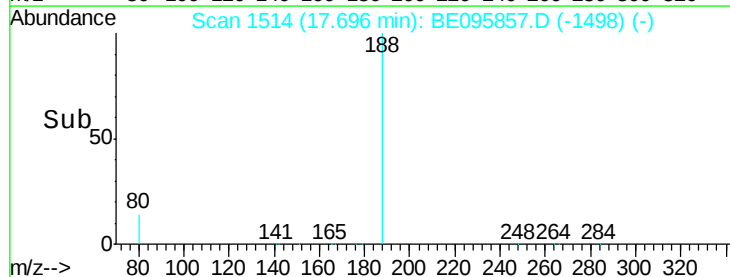
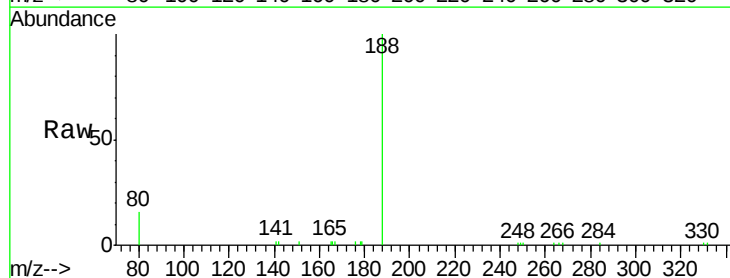
Manual Integrations
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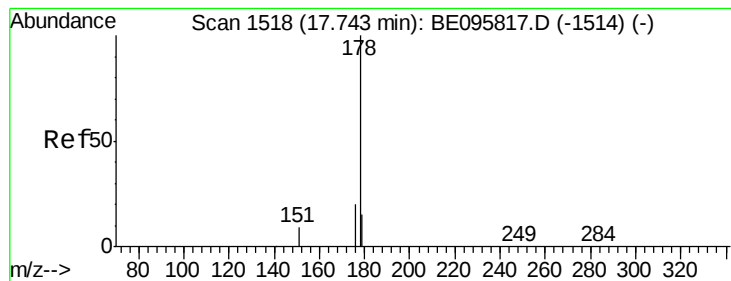
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.70 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BE095857.D
Acq: 27 Mar 2018 2:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	16.0	3.6	5.4#





#23

Phenanthrene

Concen: 0.033 ng

RT: 17.74 min Scan# 1518

Delta R.T. -0.00 min

Lab File: BE095857.D

Acq: 27 Mar 2018 2:20

Instrument :

BNA_E

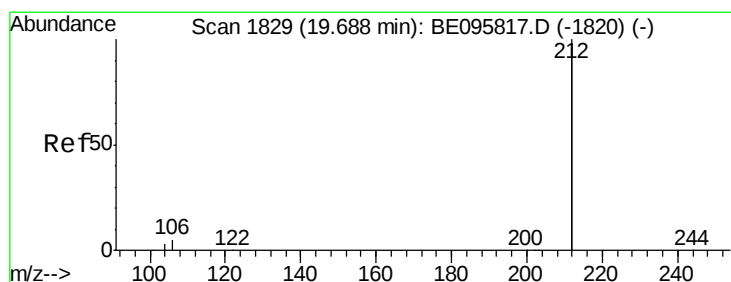
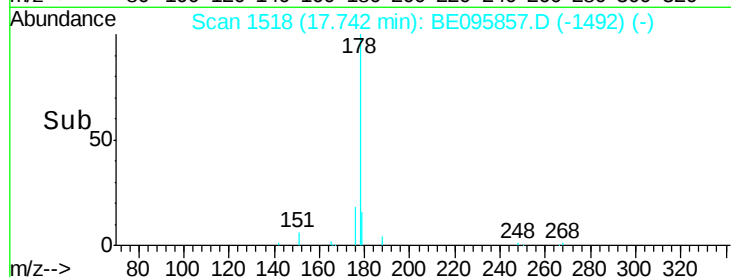
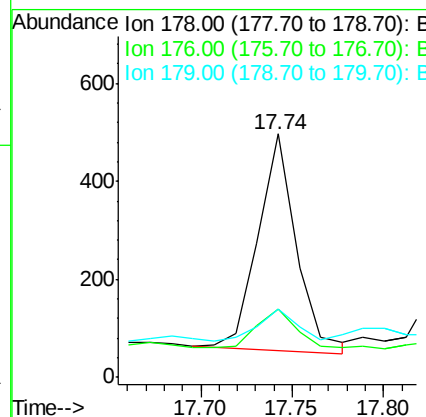
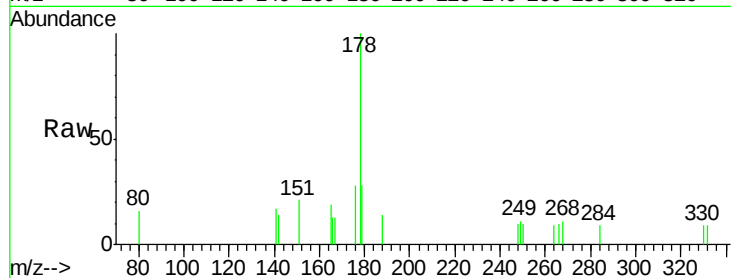
ClientSampleId :

C-MW-06-032018

Tot Ion:	178	Resp:	637
Ion Ratio	Lower	Upper	
178	100		
176	19.2	15.1	22.7
179	14.4	11.8	17.6

Manual Integrations
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#25

Fluoranthene-d10

Concen: 0.352 ng

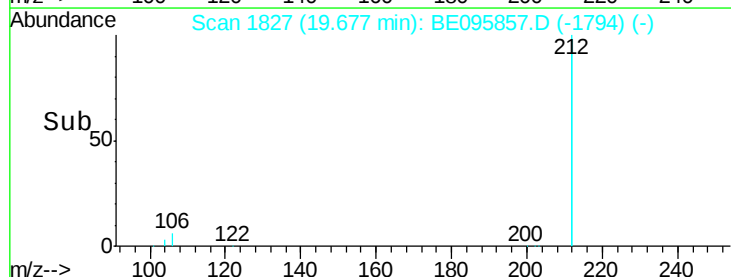
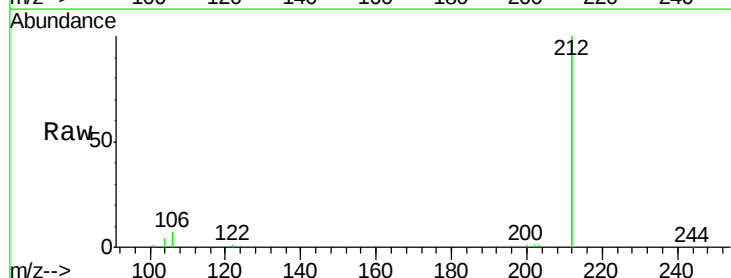
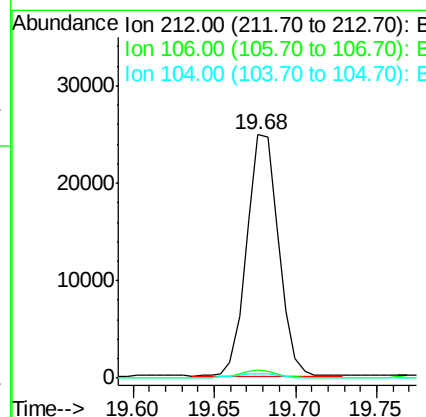
RT: 19.68 min Scan# 1827

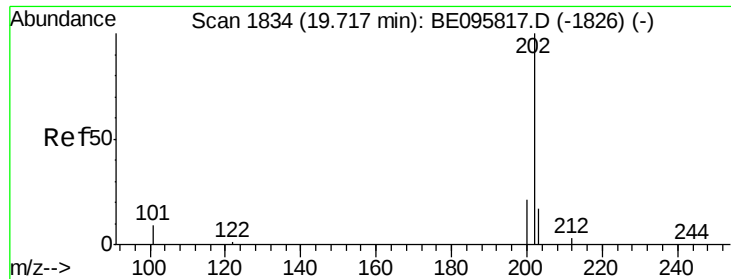
Delta R.T. -0.01 min

Lab File: BE095857.D

Acq: 27 Mar 2018 2:20

Tgt Ion:	212	Resp:	33606
Ion Ratio	Lower	Upper	
212	100		
106	2.9	2.8	4.2
104	1.8	1.6	2.4





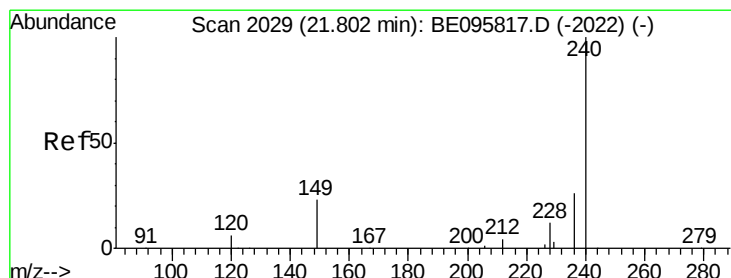
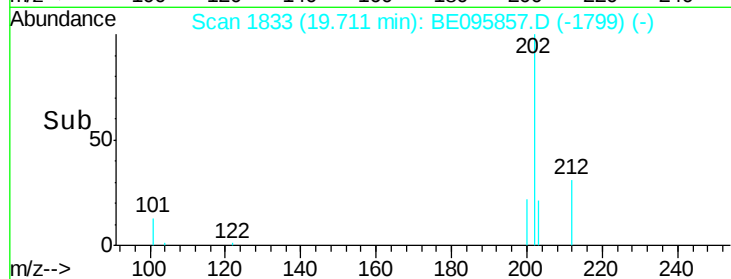
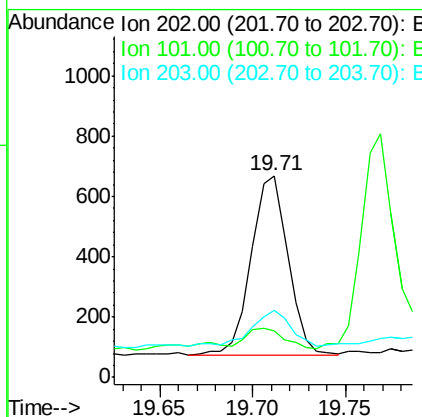
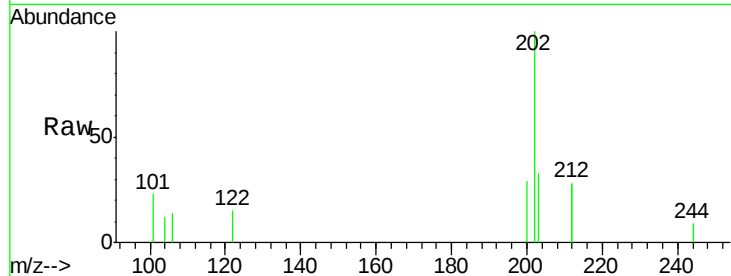
#26
 Fluoranthene
 Concen: 0.031 ng
 RT: 19.71 min Scan# 1833
 Delta R.T. -0.01 min
 Lab File: BE095857.D
 Acq: 27 Mar 2018 2:20

Instrument :
 BNA_E
 ClientSampleId :
 C-MW-06-032018

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.8	9.8	14.8
203	20.4	13.7	20.5

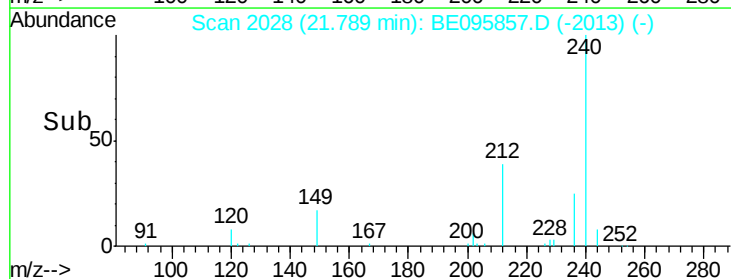
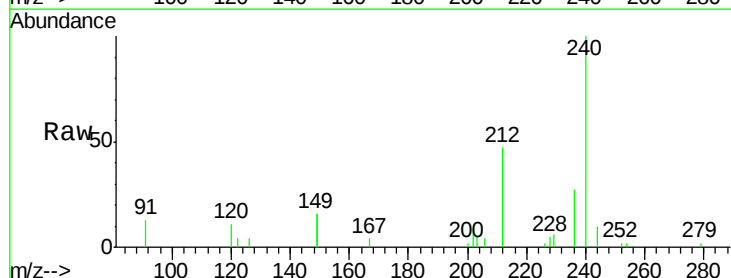
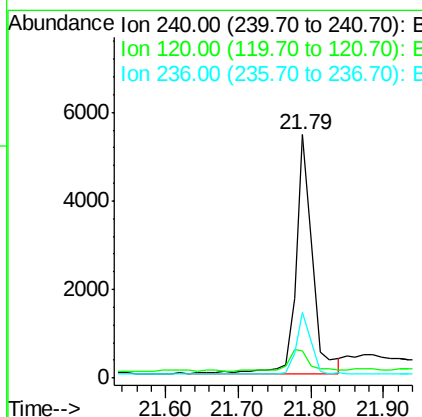
Manual Integrations
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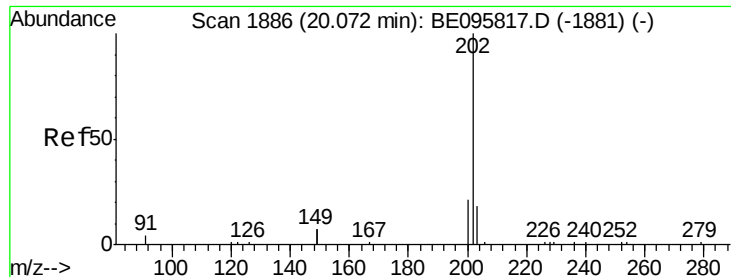
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#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.79 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BE095857.D
 Acq: 27 Mar 2018 2:20

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	5.5	8.3#
236	26.8	20.7	31.1





#28

Pvrene

Concen: 0.032 ng/ml

RT: 20.06 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BE095857.D

Acq: 27 Mar 2018 2:20

Instrument :

BNA_E

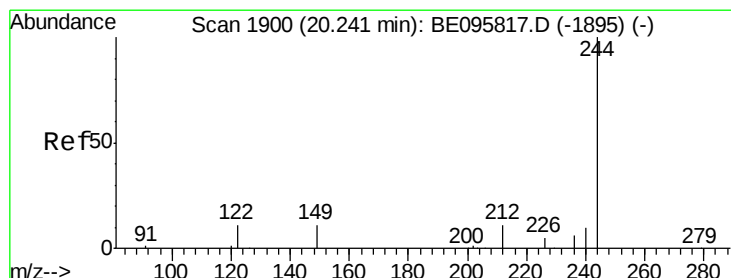
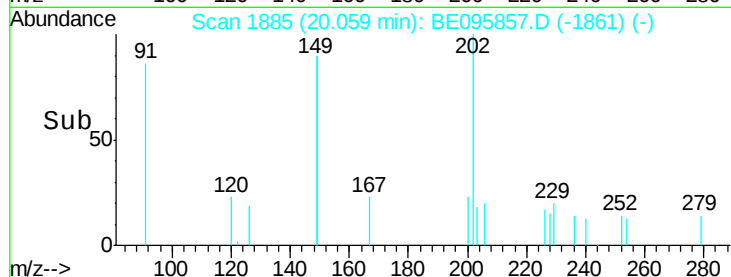
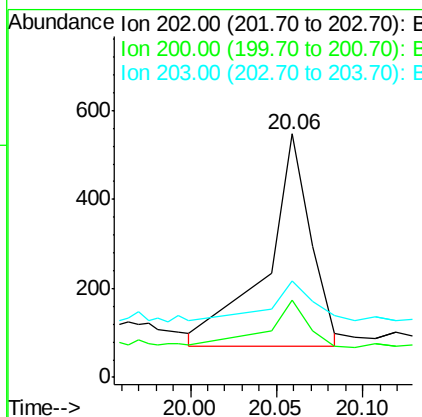
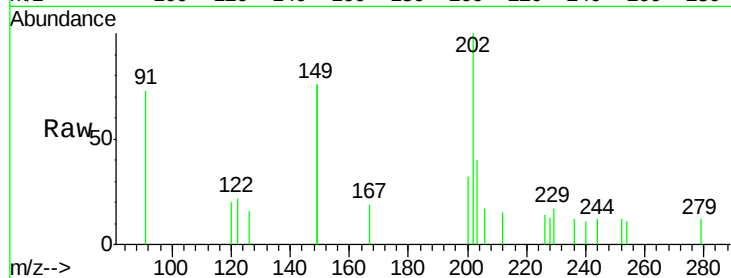
ClientSampleId :

C-MW-06-032018

Tot Ion:	202	Resp:	1132
Ion Ratio	Lower	Upper	
202	100		
200	0.0	16.6	25.0#
203	0.0	13.8	20.8#

Manual Integrations
APPROVED

Sohil
3/27/2018 4:58:18 PM



#29

Terphenyl-d14

Concen: 0.427 ng

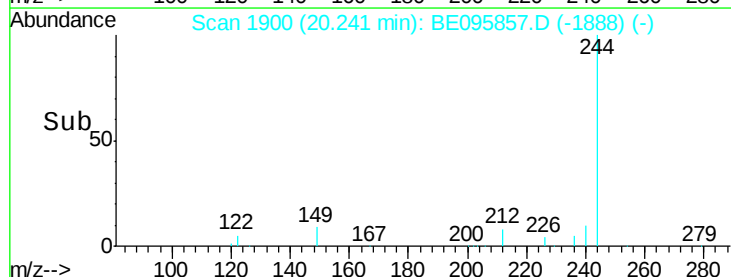
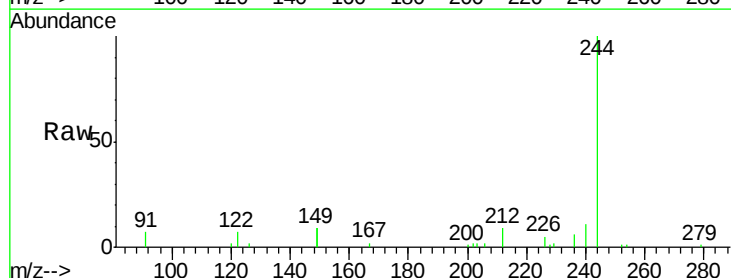
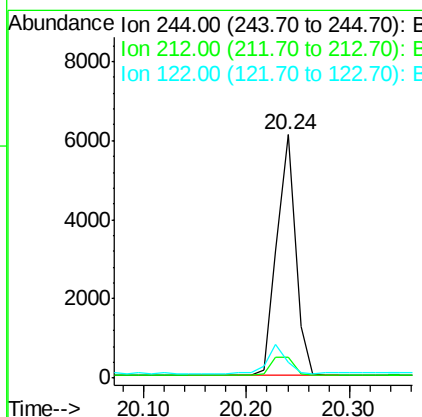
RT: 20.24 min Scan# 1900

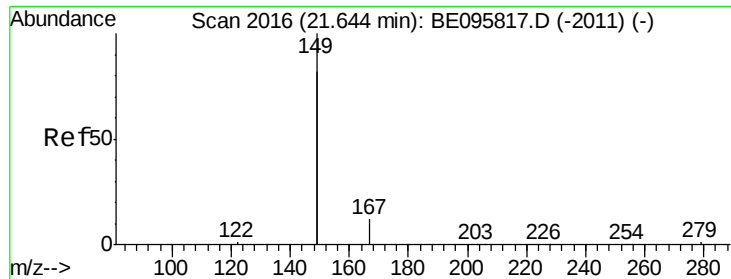
Delta R.T. -0.00 min

Lab File: BE095857.D

Acq: 27 Mar 2018 2:20

Tgt Ion:	244	Resp:	7801
Ion Ratio	Lower	Upper	
244	100		
212	8.6	25.4	38.0#
122	6.7	8.1	12.1#





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.274 ng

RT: 21.64 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BE095857.D

Acq: 27 Mar 2018 2:20

Instrument :

BNA_E

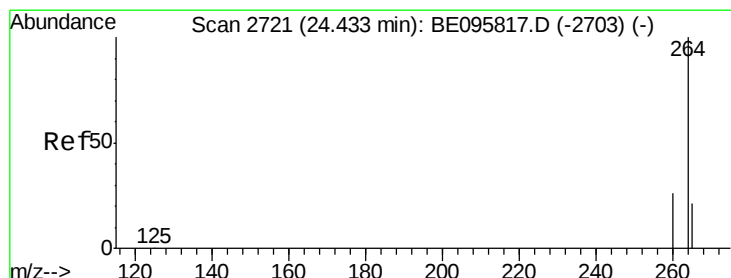
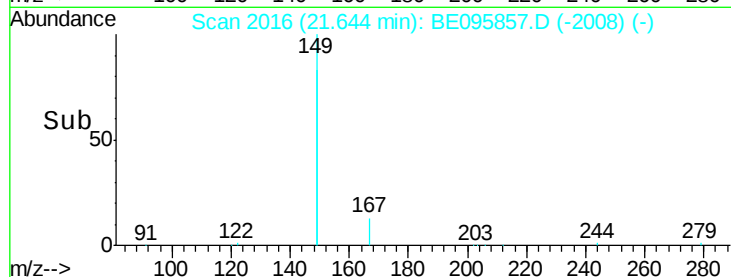
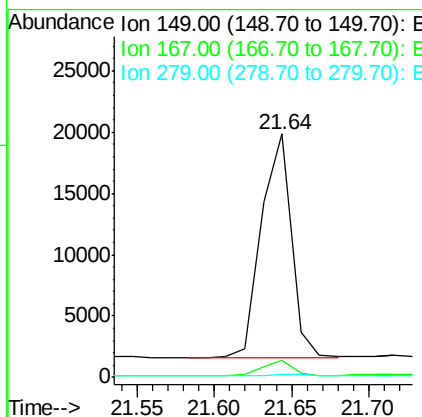
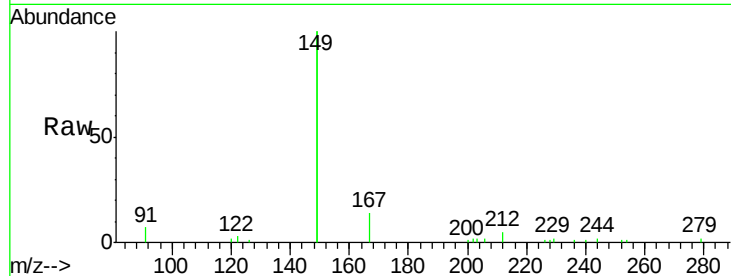
ClientSampleId :

C-MW-06-032018

Tot Ion:	149	Resp:	24973
Ion Ratio	Lower	Upper	
149	100		
167	6.7	5.4	8.0
279	0.8	0.7	1.1

Manual Integrations
APPROVED

Sohil
3/27/2018 4:58:18 PM



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.42 min Scan# 2717

Delta R.T. -0.01 min

Lab File: BE095857.D

Acq: 27 Mar 2018 2:20

Tgt Ion:	264	Resp:	7023
Ion Ratio	Lower	Upper	
264	100		
260	26.7	20.5	30.7
265	29.4	22.8	34.2

