

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032618\
 Data File : BE095840.D
 Acq On : 26 Mar 2018 15:02
 Operator : SJ/JU
 Sample : J1985-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-180319

Manual Integrations
 APPROVED

Quant Time: Mar 27 06:32:20 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	1135	0.40	ng	0.00
7) Naphthalene-d8	11.26	136	4424	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	2560	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	6066	0.40	ng	0.00
27) Chrysene-d12	21.79	240	7078	0.40	ng	-0.01
34) Perylene-d12	24.42	264	6978	0.40	ng	-0.02

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System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.91	112	574	0.15	ng	0.00
5) Phenol-d6	7.56	99	458	0.09	ng	0.00
8) Nitrobenzene-d5	9.59	82	2358	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.79	152	2707	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.46	330	626	0.42	ng	-0.01
15) 2-Fluorobiphenyl	13.63	172	5335	0.49	ng	-0.01
25) Fluoranthene-d10	19.68	212	33991	0.38	ng	0.00
29) Terphenyl-d14	20.24	244	8273	0.55	ng	0.00

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Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Naphthalene	11.31	128	1576	0.031	ng	# 87
32) Bis(2-ethylhexyl)phthalate	21.64	149	7374	0.098	ng	100

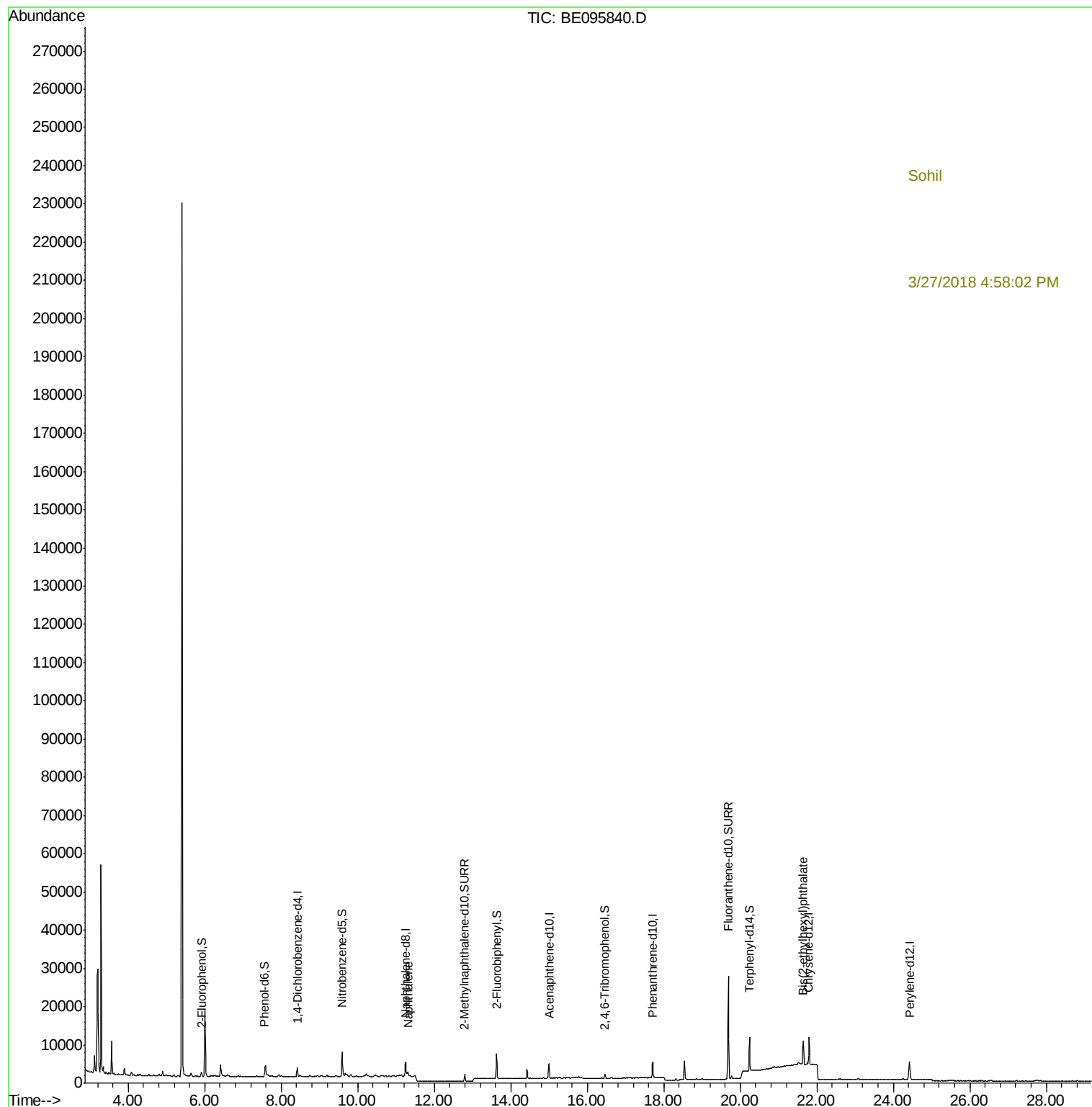
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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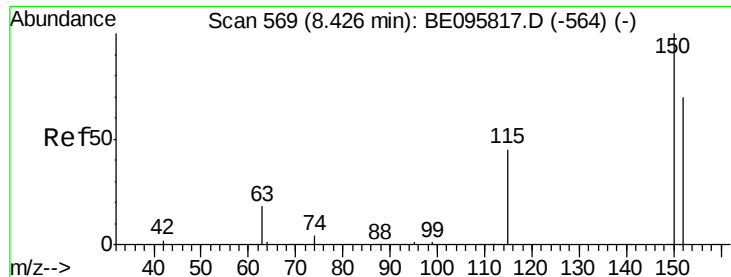
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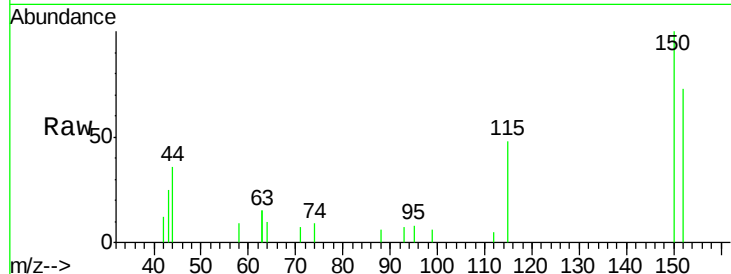
#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.42 min Scan# 568
Delta R.T. -0.01 min
Lab File: BE095840.D
Acq: 26 Mar 2018 15:02

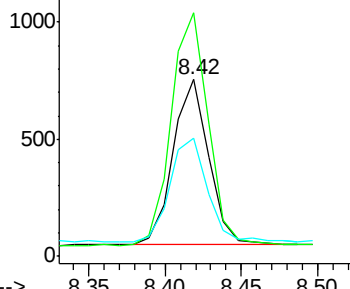
Instrument :
BNA_E
ClientSampleId :
KY038PS027-180319

Tot Ion	Ratio	Lower	Upper
152	100		
150	137.7	117.2	175.8
115	66.8	57.0	85.6

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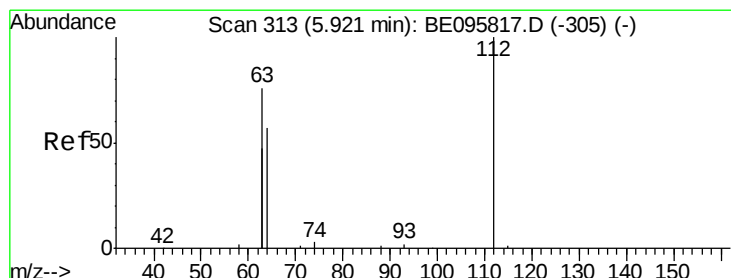
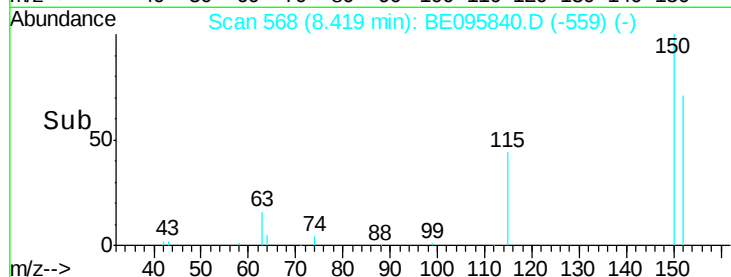


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



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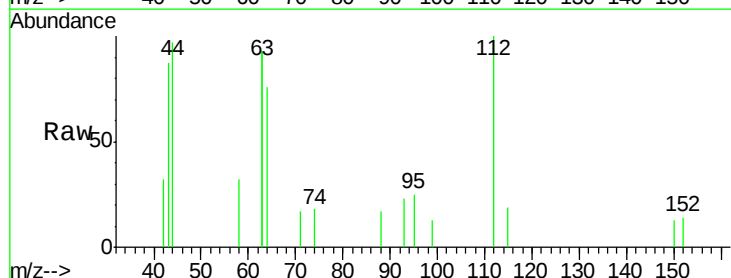
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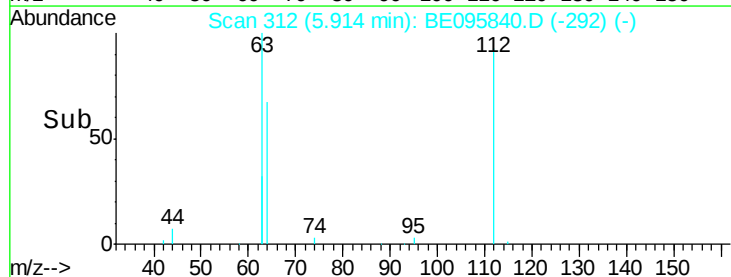
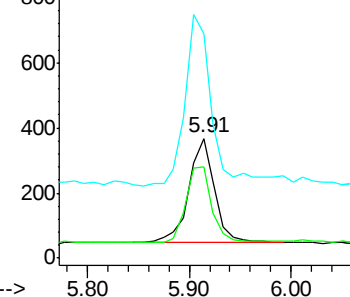
#4

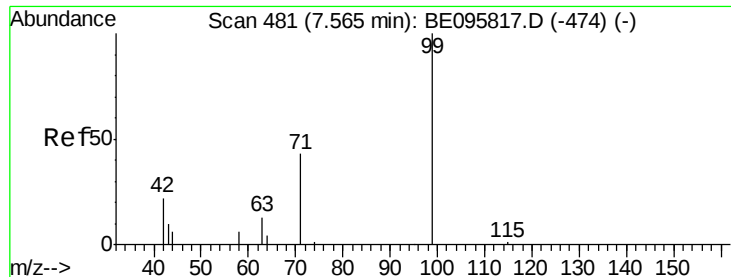
2-Fluorophenol
Concen: 0.153 ng
RT: 5.91 min Scan# 312
Delta R.T. -0.01 min
Lab File: BE095840.D
Acq: 26 Mar 2018 15:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.8	60.1	90.1
63	173.7	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: 0.089 ng

RT: 7.56 min Scan# 480

Delta R.T. -0.01 min

Lab File: BE095840.D

Acq: 26 Mar 2018 15:02

Instrument :

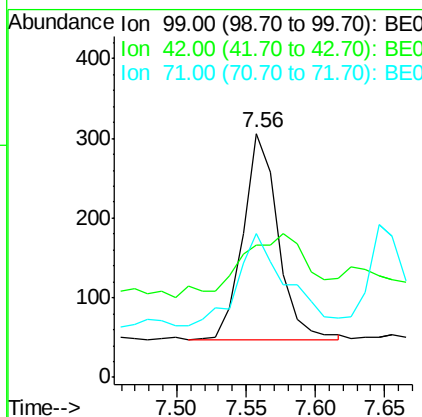
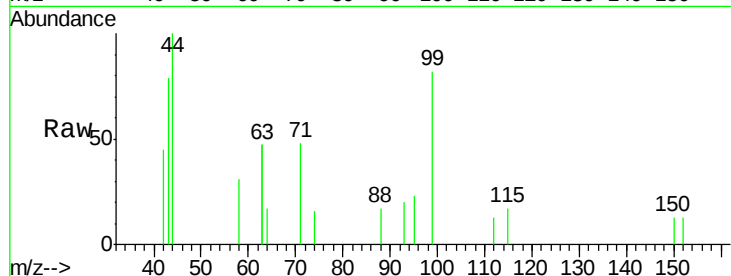
BNA_E

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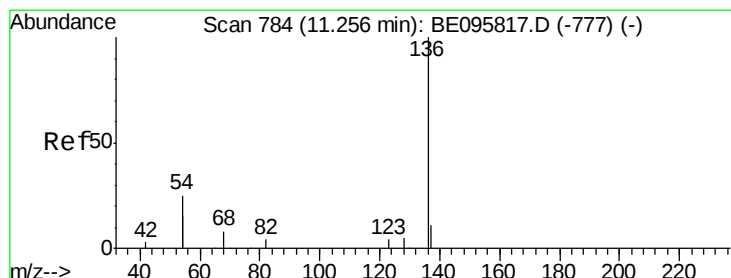
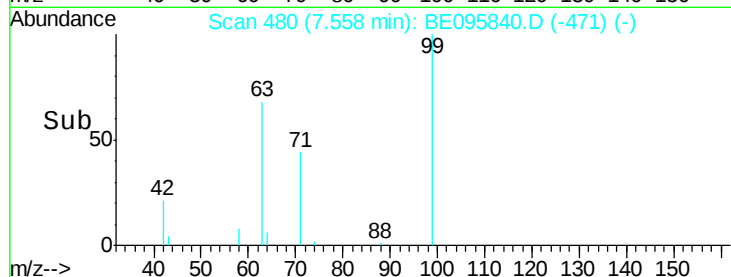
Tot Ion:	99	Resp:	458
Ion	Ratio	Lower	Upper
99	100		
42	57.6	20.2	30.2#
71	61.6	28.4	42.6#

Manual Integrations
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#7

Naphthalene-d8

Concen: 0.400 ng

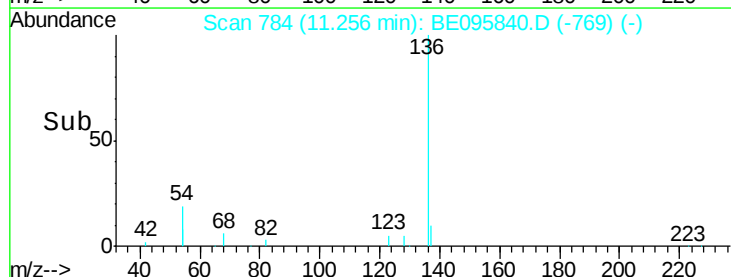
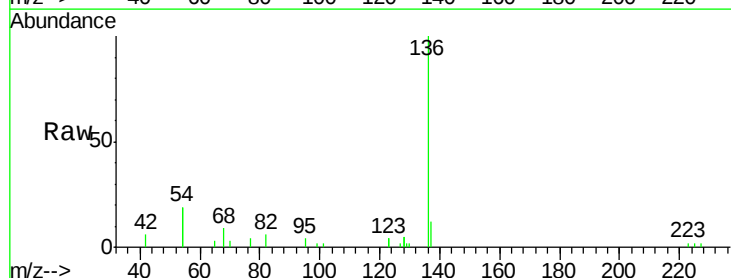
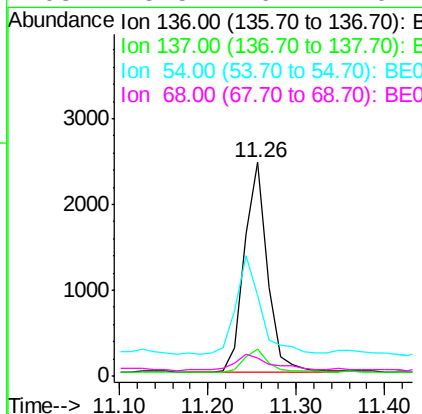
RT: 11.26 min Scan# 784

Delta R.T. 0.00 min

Lab File: BE095840.D

Acq: 26 Mar 2018 15:02

Tgt Ion:	136	Resp:	4424
Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.5	14.3
54	37.5	29.1	43.7
68	8.5	6.2	9.2





#8

Nitrobenzene-d5

Concen: 0.451 ng

RT: 9.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE095840.D

Acq: 26 Mar 2018 15:02

Instrument :

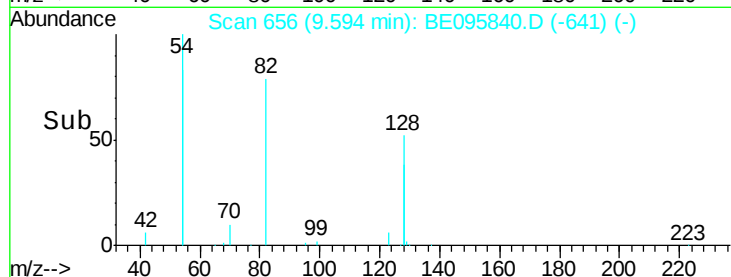
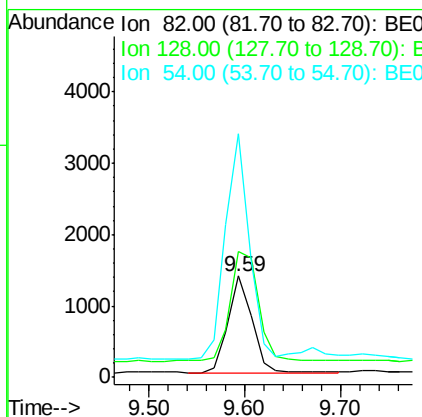
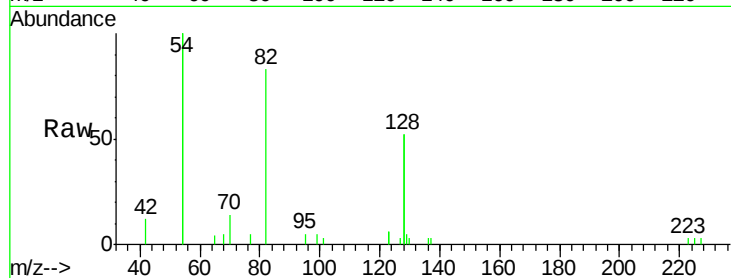
BNA_E

ClientSampleId :

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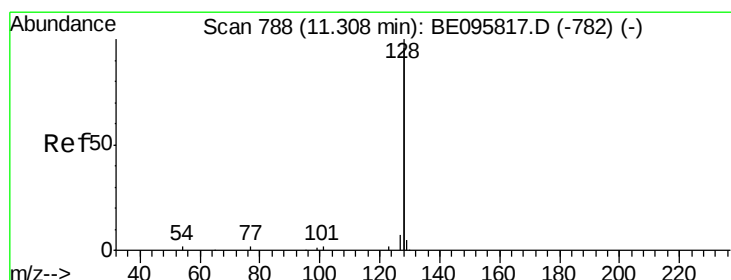
Tot Ion	82	Resp	2358
Ion	Ratio	Lower	Upper
82	100		
128	124.2	150.0	225.0#
54	241.0	154.2	231.4#

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#9

Naphthalene

Concen: 0.031 ng

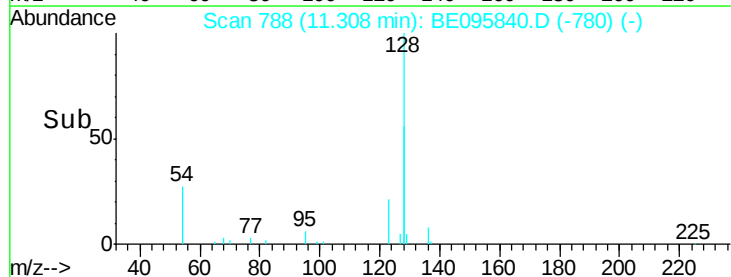
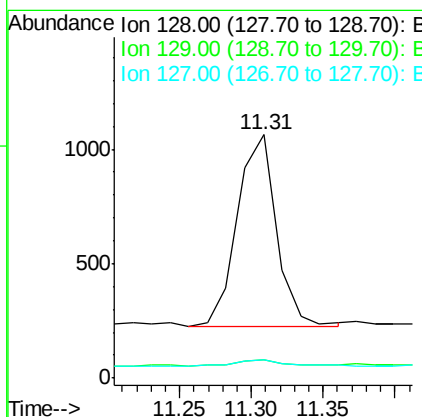
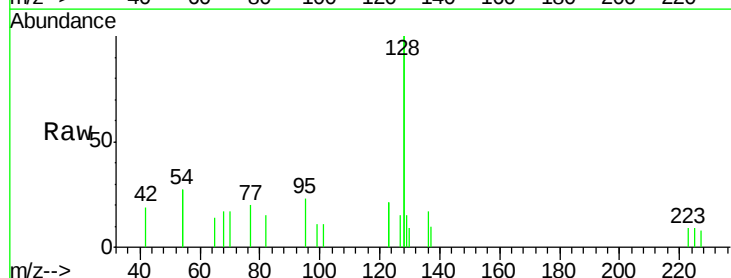
RT: 11.31 min Scan# 788

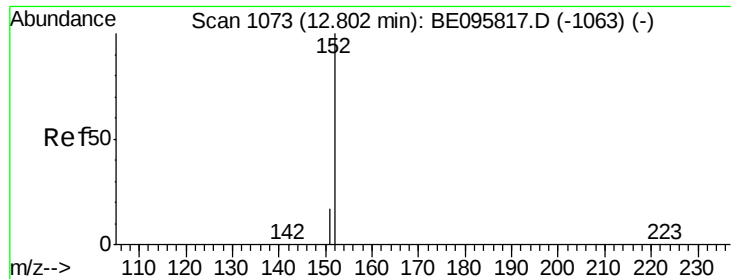
Delta R.T. 0.00 min

Lab File: BE095840.D

Acq: 26 Mar 2018 15:02

Tgt Ion	128	Resp	1576
Ion	Ratio	Lower	Upper
128	100		
129	7.7	2.6	3.8#
127	7.5	2.8	4.2#





#11

2-Methylnaphthalene-d10

Concen: 0.367 ng

RT: 12.79 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BE095840.D

Acq: 26 Mar 2018 15:02

Instrument :

BNA_E

ClientSampleId :

KY038PS027-180319

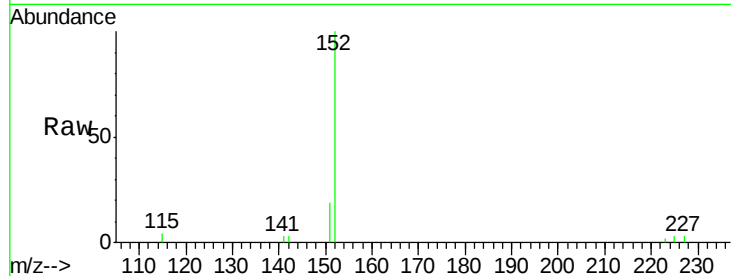
Tot Ion:152 Resp: 2707

Ion Ratio Lower Upper

152 100

151 19.5 15.4 23.0

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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.79

2000

1500

1000

500

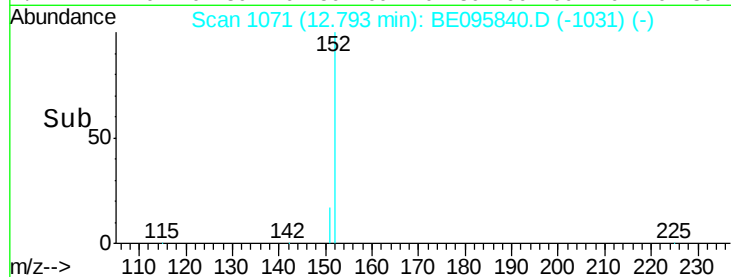
0

Time-->

12.70

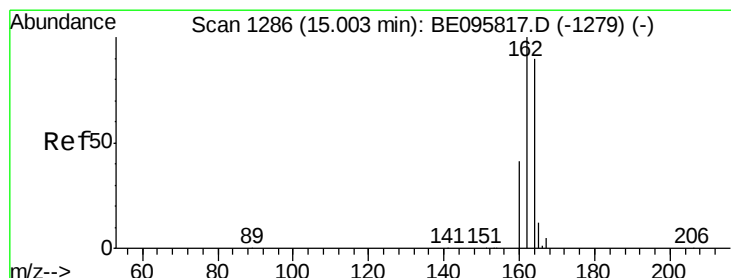
12.80

12.90



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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: BE095840.D

Acq: 26 Mar 2018 15:02

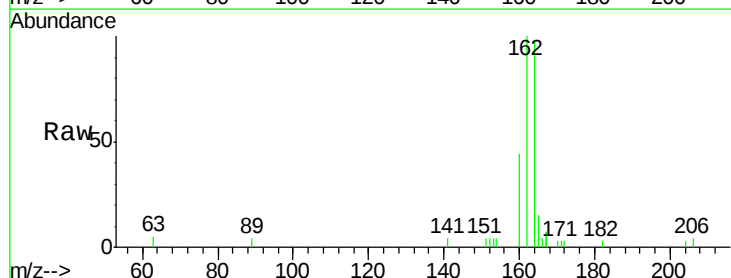
Tgt Ion:164 Resp: 2560

Ion Ratio Lower Upper

164 100

162 102.0 83.1 124.7

160 44.4 37.1 55.7



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

15.00

2000

1500

1000

500

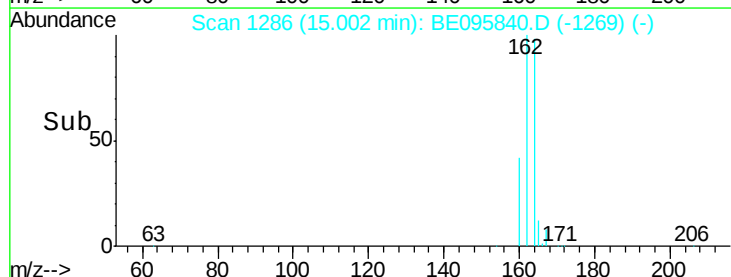
0

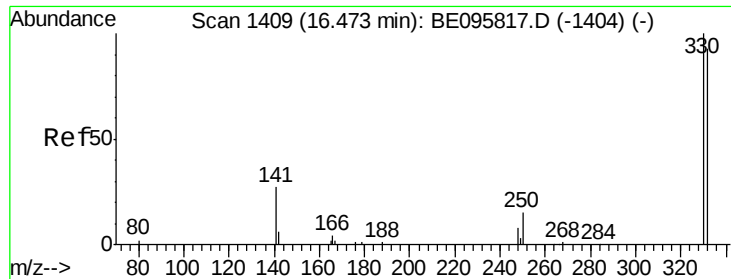
Time-->

14.90

15.00

15.10



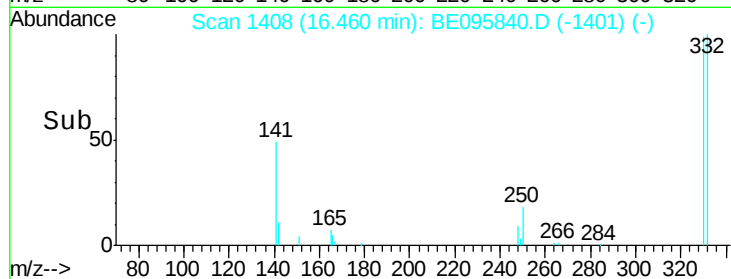
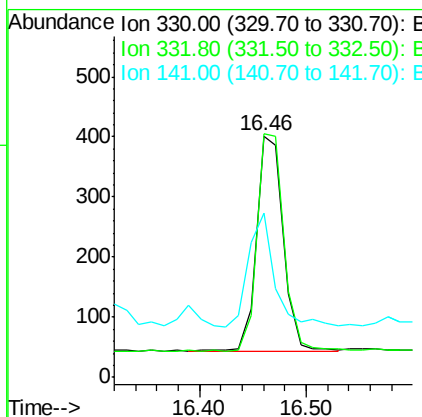
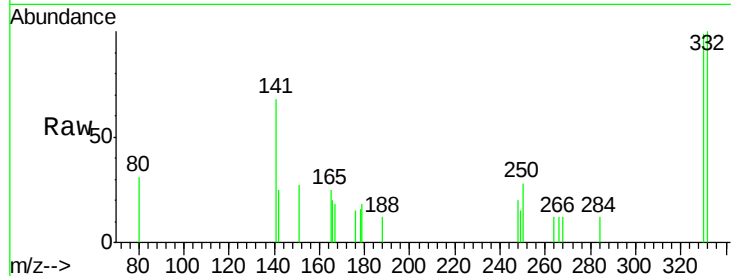


#14
 2,4,6-Tribromophenol
 Concen: 0.424 ng
 RT: 16.46 min Scan# 1408
 Delta R.T. -0.01 min
 Lab File: BE095840.D
 Acq: 26 Mar 2018 15:02

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-180319

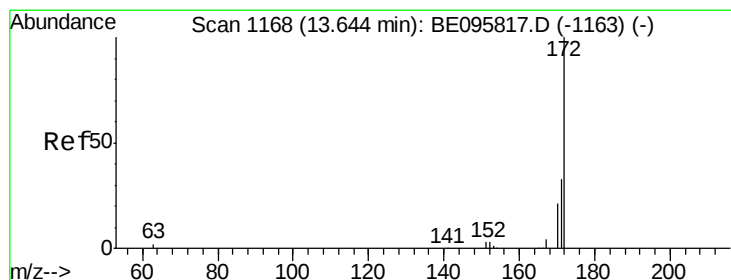
Tot Ion	Ratio	Lower	Upper
330	100		
332	101.3	152.7	229.1#
141	51.9	33.7	50.5#

Manual Integrations
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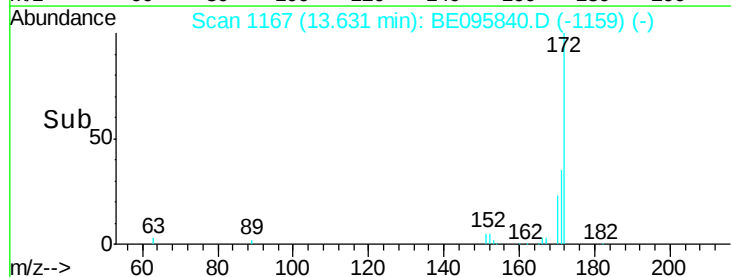
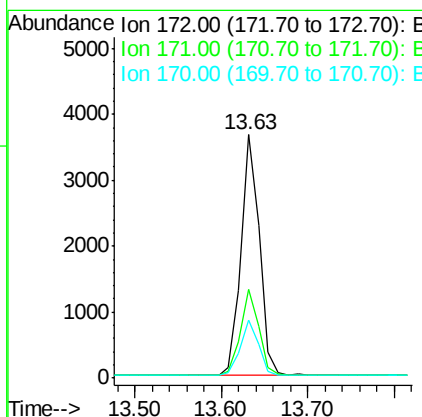
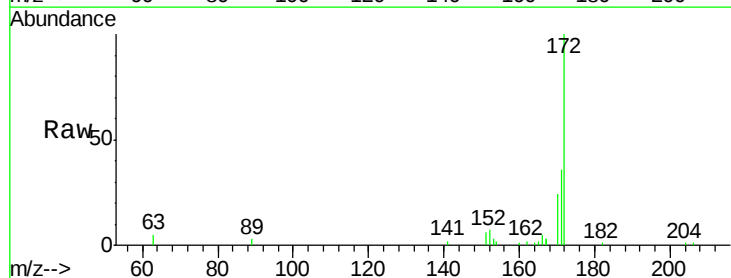
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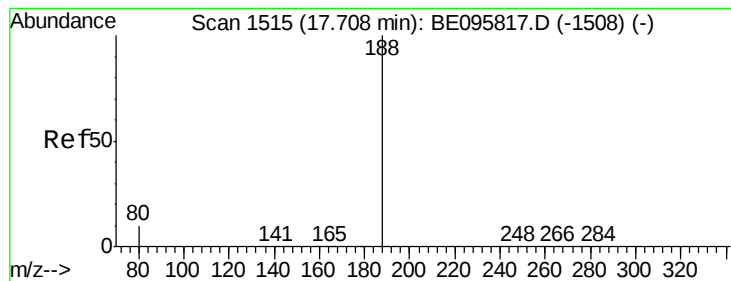
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#15
 2-Fluorobiphenyl
 Concen: 0.494 ng
 RT: 13.63 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BE095840.D
 Acq: 26 Mar 2018 15:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.9	44.9
170	23.8	21.8	32.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.71 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BE095840.D

Acq: 26 Mar 2018 15:02

Instrument :

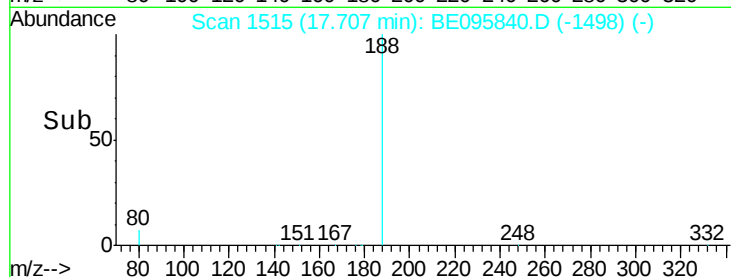
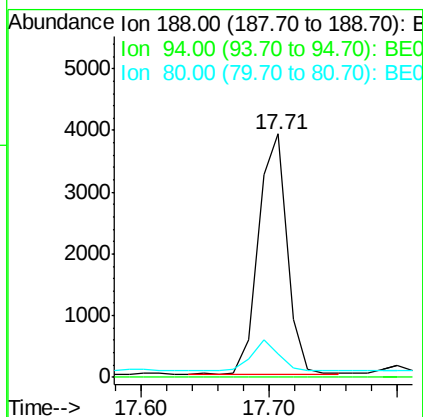
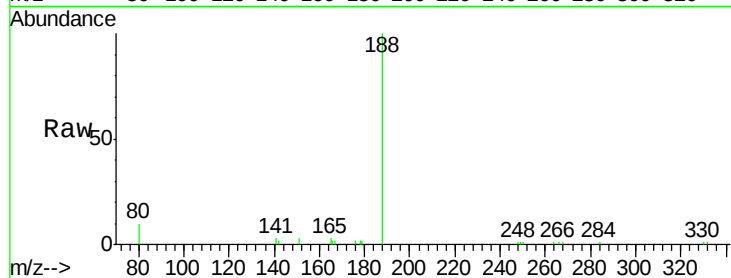
BNA_E

ClientSampleId :

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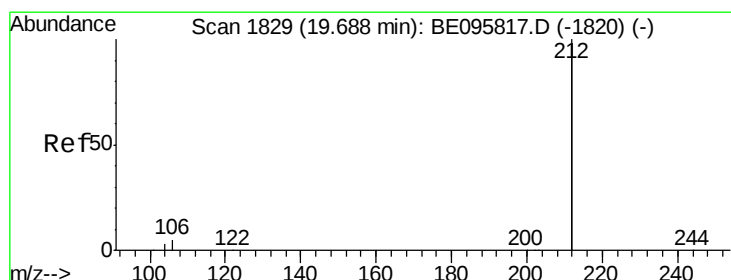
Tot Ion:	188	Resp:	6066
Ion Ratio	Lower	Upper	
188	100		
94	0.0	3.9	5.9#
80	9.6	3.6	5.4#

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#25

Fluoranthene-d10

Concen: 0.377 ng

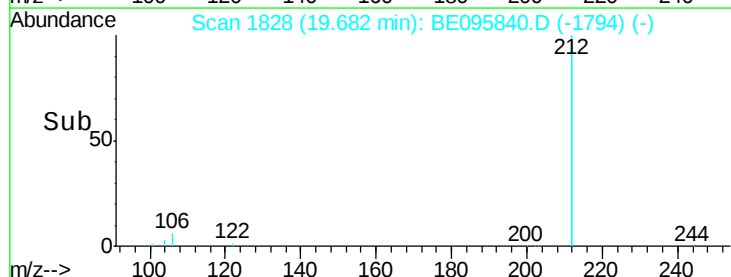
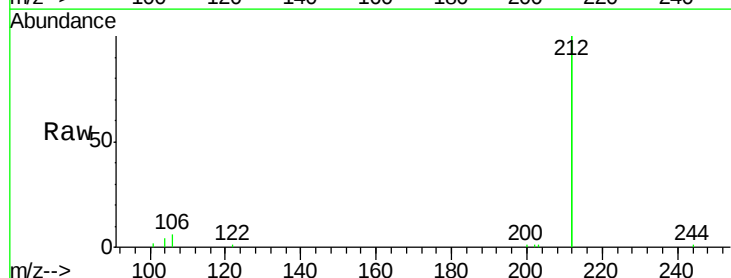
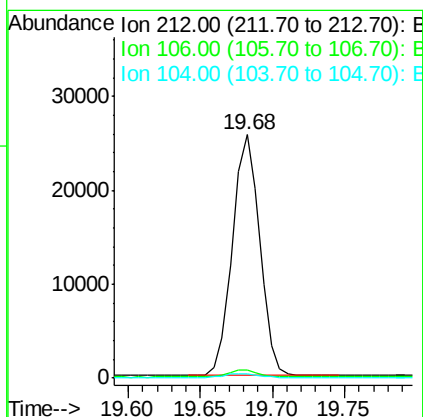
RT: 19.68 min Scan# 1828

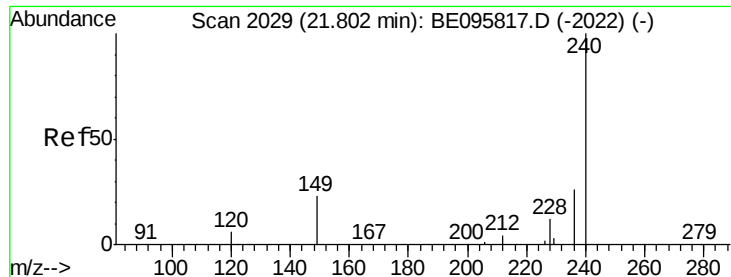
Delta R.T. -0.01 min

Lab File: BE095840.D

Acq: 26 Mar 2018 15:02

Tgt Ion:	212	Resp:	33991
Ion Ratio	Lower	Upper	
212	100		
106	3.3	2.8	4.2
104	1.8	1.6	2.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.79 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BE095840.D

Acq: 26 Mar 2018 15:02

Instrument :

BNA_E

ClientSampleId :

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Tot Ion:240 Resp: 7078

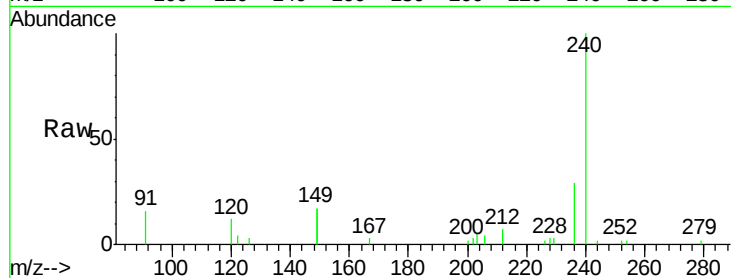
Ion Ratio Lower Upper

240 100

120 11.7 5.5 8.3#

236 28.8 20.7 31.1

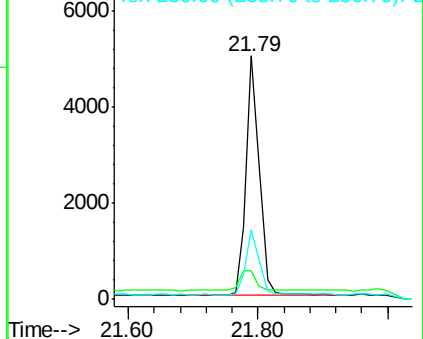
Manual Integrations
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Abundance Ion 240.00 (239.70 to 240.70): E

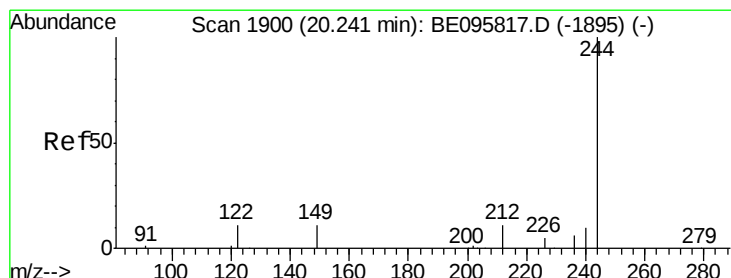
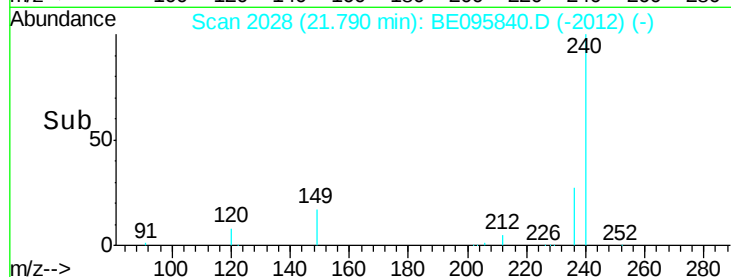
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



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#29

Terphenyl-d14

Concen: 0.550 ng

RT: 20.24 min Scan# 1900

Delta R.T. 0.00 min

Lab File: BE095840.D

Acq: 26 Mar 2018 15:02

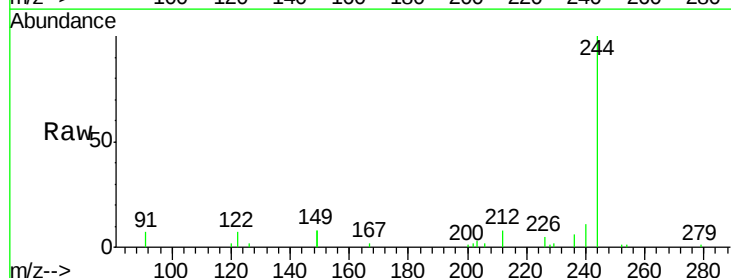
Tgt Ion:244 Resp: 8273

Ion Ratio Lower Upper

244 100

212 8.2 25.4 38.0#

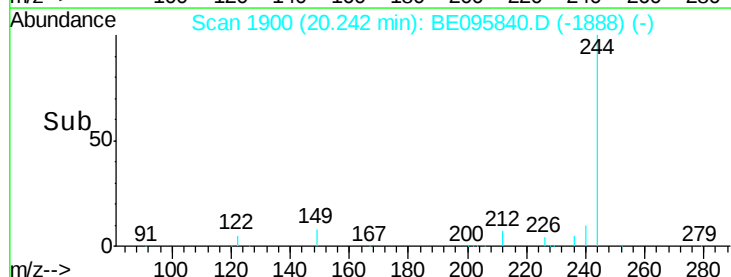
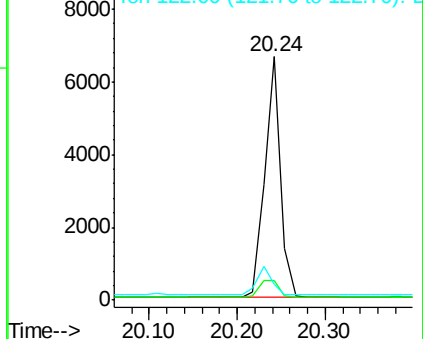
122 6.6 8.1 12.1#

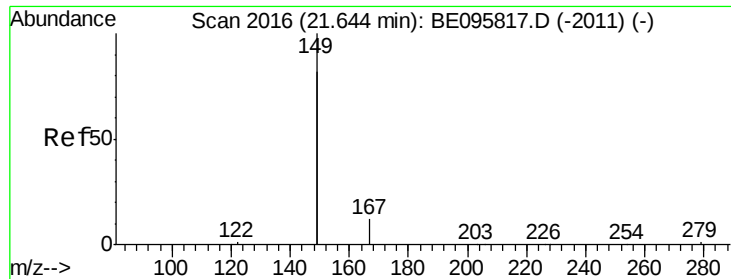


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



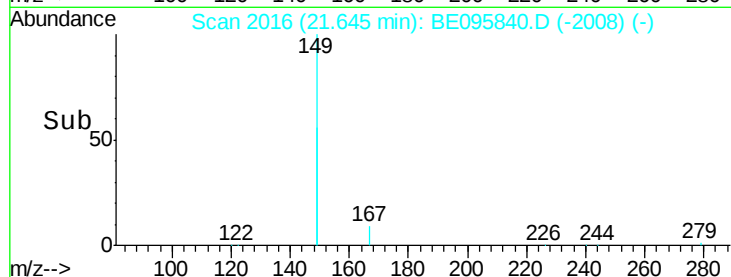
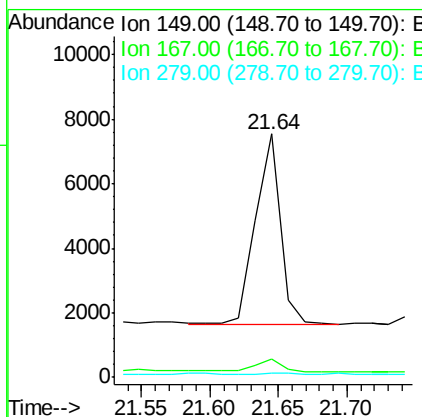
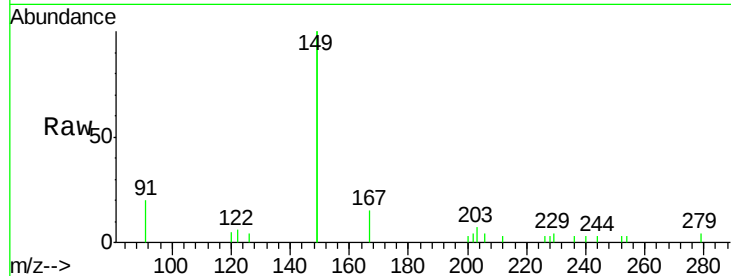


#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.098 ng
 RT: 21.64 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BE095840.D
 Acq: 26 Mar 2018 15:02

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-180319

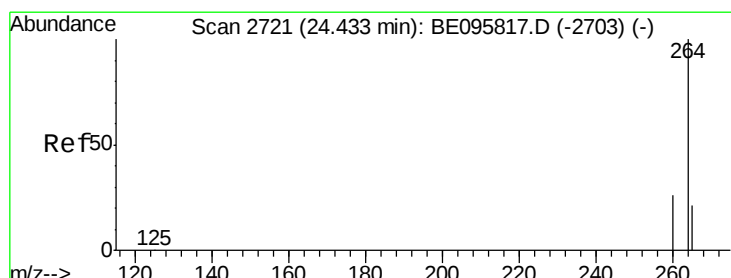
Tot Ion:	149	Resp:	7374
Ion Ratio	Lower	Upper	
149	100		
167	6.7	5.4	8.0
279	0.8	0.7	1.1

Manual Integrations
 APPROVED



Sohil

3/27/2018 4:58:02 PM



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.42 min Scan# 2717
 Delta R.T. -0.02 min
 Lab File: BE095840.D
 Acq: 26 Mar 2018 15:02

Tgt Ion:	264	Resp:	6978
Ion Ratio	Lower	Upper	
264	100		
260	27.2	20.5	30.7
265	30.1	22.8	34.2

