

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080517\
 Data File : BE093673.D
 Acq On : 5 Aug 2017 11:10
 Operator : SJ/JU
 Sample : SP4037
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SP4037

Manual Integrations
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Quant Time: Aug 07 18:09:27 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 10:58:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	3019	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	12457	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	5768	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	11202	0.40	ng	0.00
27) Chrysene-d12	21.42	240	19398	0.40	ng	0.00
34) Perylene-d12	23.92	264	19775	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.51	112	3505	0.39	ng	0.00
5) Phenol-d6	7.10	99	4655	0.34	ng	0.00
8) Nitrobenzene-d5	9.06	82	3857	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	6563	0.33	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	467m	0.38	ng	0.03
15) 2-Fluorobiphenyl	13.16	172	8227	0.36	ng	0.00
25) Fluoranthene-d10	19.27	212	62525	0.49	ng	0.00
29) Terphenyl-d14	19.86	244	12069	0.35	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) 4-Bromophenyl-phenylether	16.36	248	6	Below Cal	#	35

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

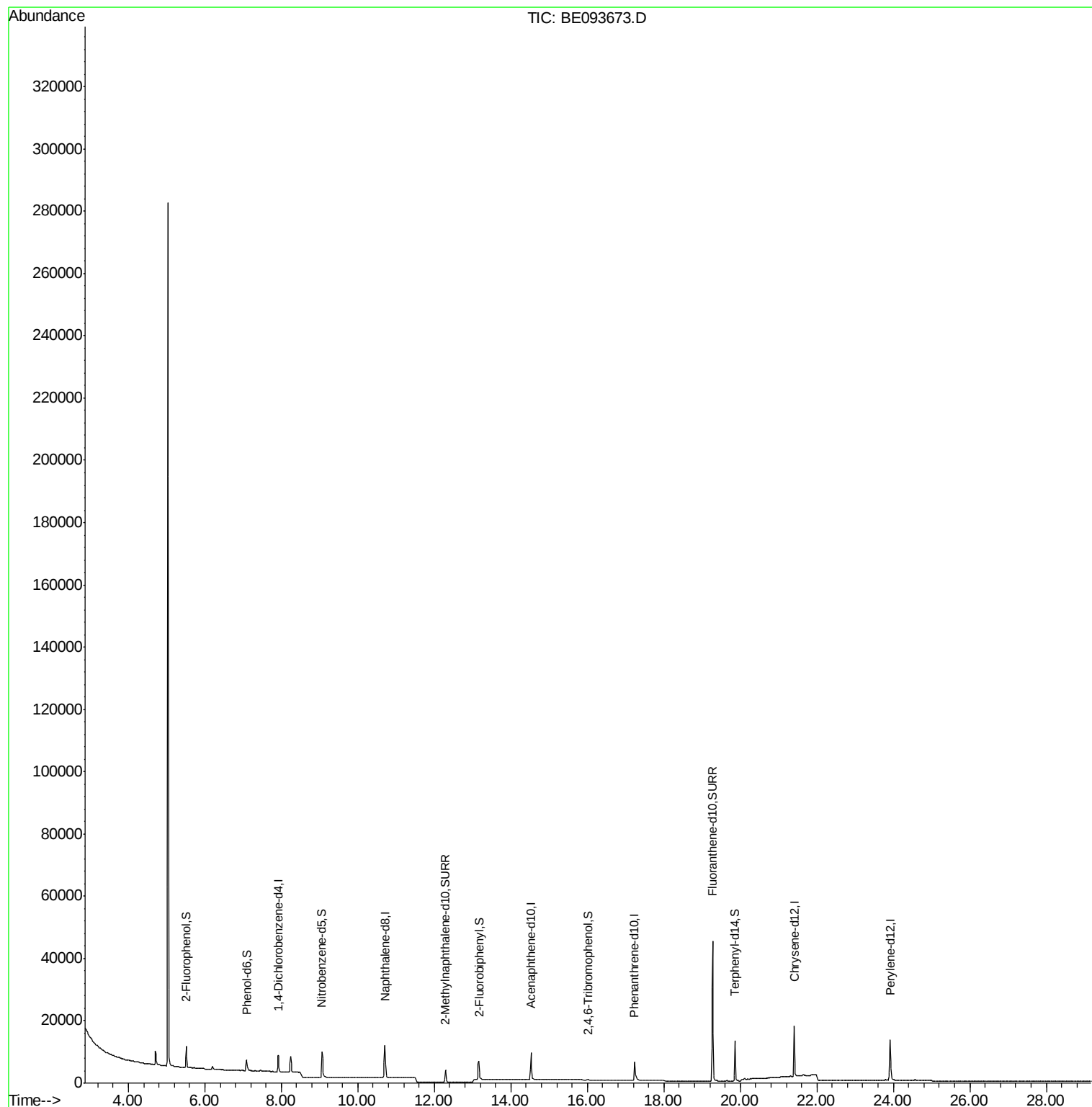
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080517\
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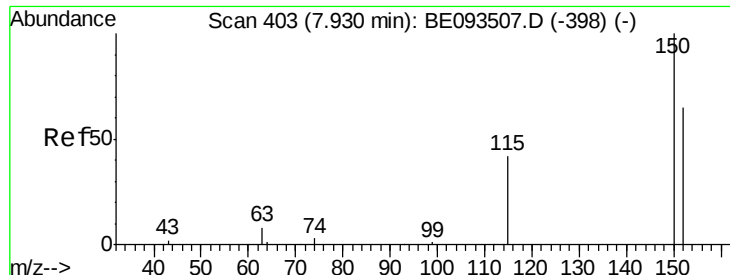
Instrument :
BNA_E
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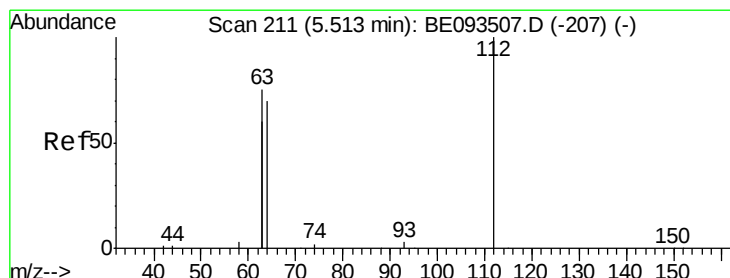
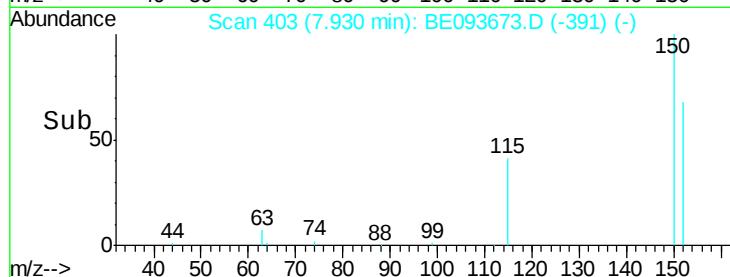
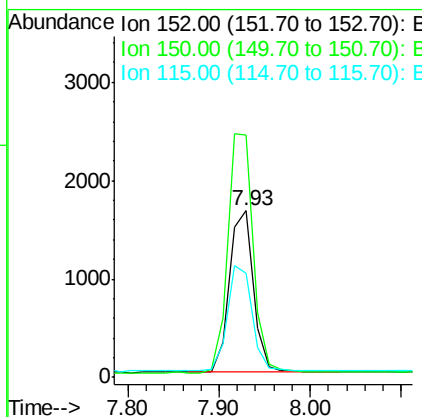
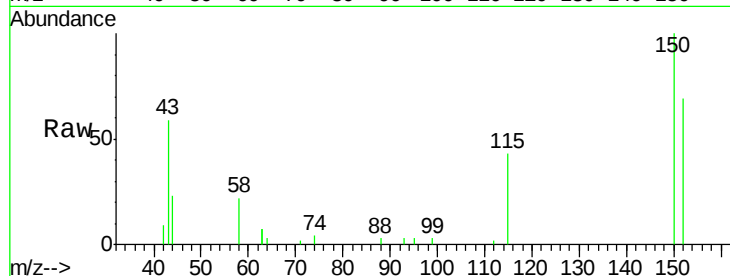
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.93 min Scan# 403
 Delta R.T. -0.00 min
 Lab File: BE093673.D
 Acq: 5 Aug 2017 11:10

Instrument :
 BNA_E
 ClientSampleId :
 SP4037

Tgt Ion:	152	Resp:	3019
Ion Ratio	Lower	Upper	
152	100		
150	145.3	125.1	187.7
115	62.5	55.7	83.5

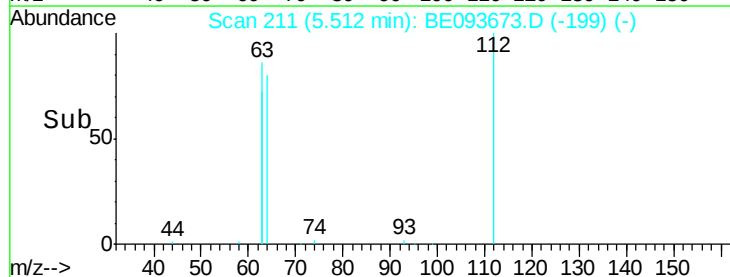
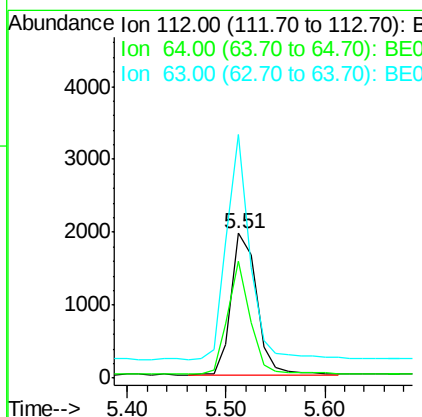
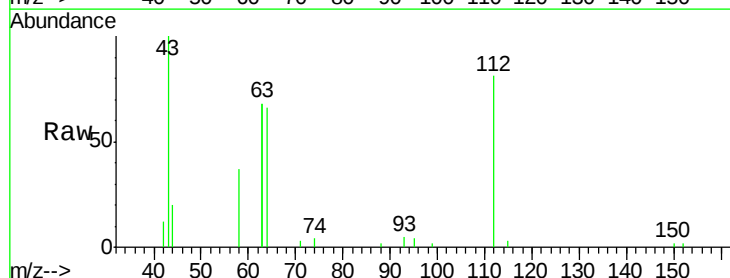
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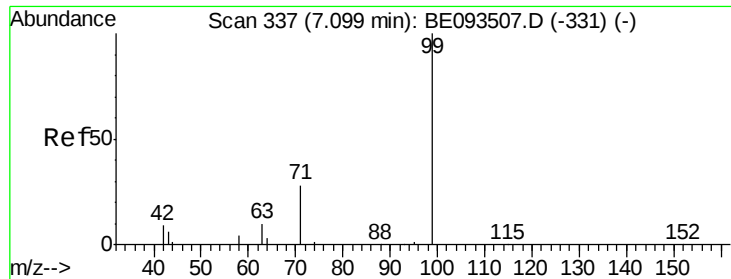
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#4
 2-Fluorophenol
 Concen: 0.390 ng
 RT: 5.51 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: BE093673.D
 Acq: 5 Aug 2017 11:10

Tgt Ion:	112	Resp:	3505
Ion Ratio	Lower	Upper	
112	100		
64	70.5	56.4	84.6
63	145.6	29.3	43.9#





#5

Phenol-d6

Concen: 0.344 ng

RT: 7.10 min Scan# 337

Delta R.T. -0.00 min

Lab File: BE093673.D

Acq: 5 Aug 2017 11:10

Instrument :

BNA_E

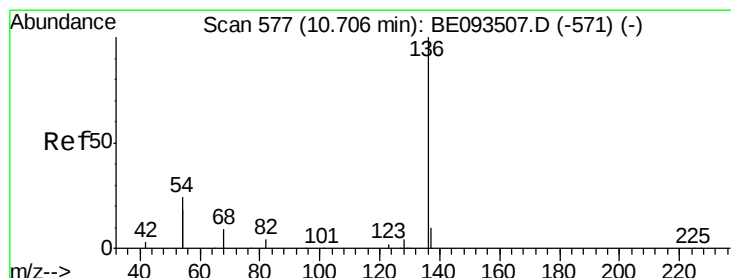
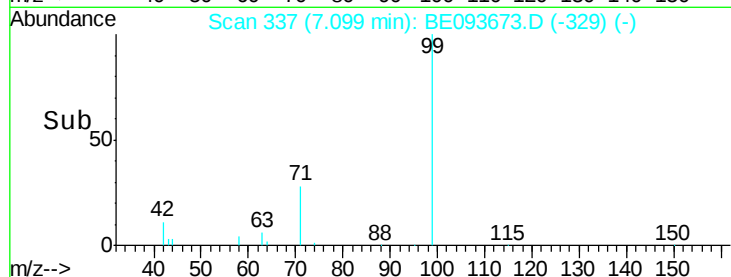
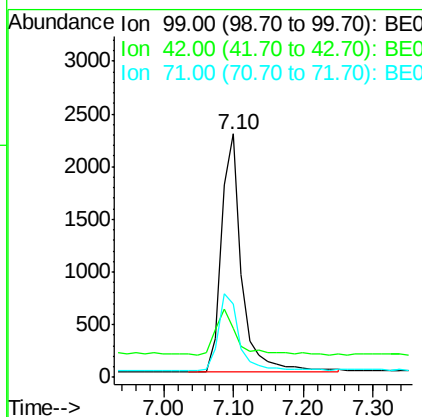
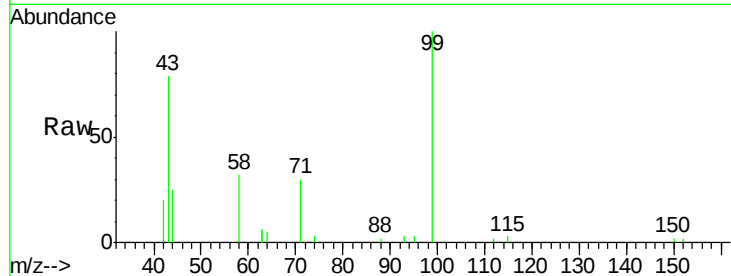
ClientSampled :

SP4037

Tgt Ion:	99	Resp:	4655
Ion Ratio	Lower	Upper	
99	100		
42	20.5	0.0	0.0#
71	33.7	0.0	0.0#

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#7

Naphthalene-d8

Concen: 0.400 ng

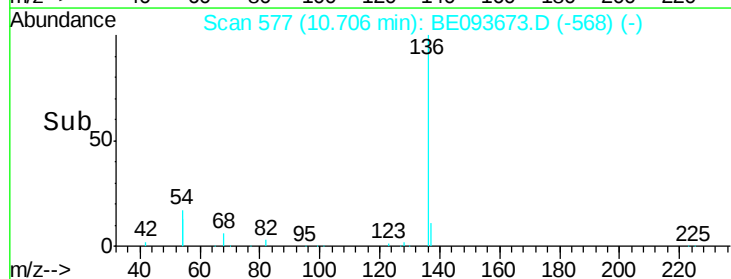
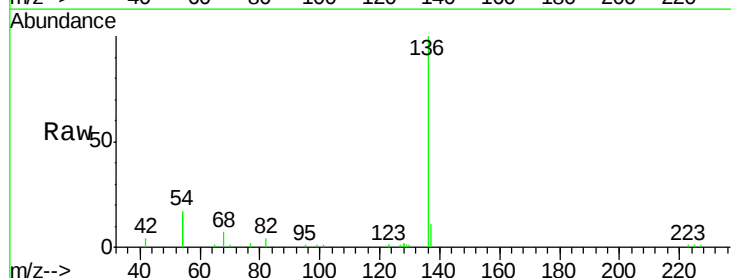
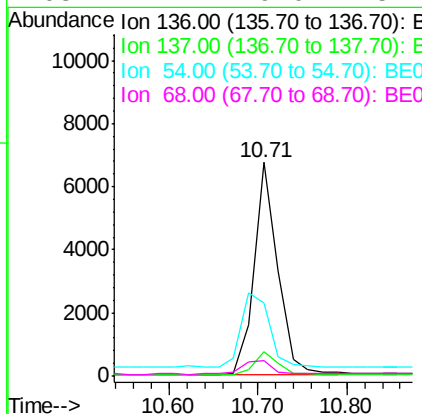
RT: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE093673.D

Acq: 5 Aug 2017 11:10

Tgt Ion:	136	Resp:	12457
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.8	14.8
54	34.2	10.3	15.5#
68	7.1	9.0	13.4#





#8

Nitrobenzene-d5

Concen: 0.406 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE093673.D

Acq: 5 Aug 2017 11:10

Instrument :

BNA_E

ClientSampleId :

SP4037

Tgt Ion: 82 Resp: 3857

Ion Ratio Lower Upper

82 100

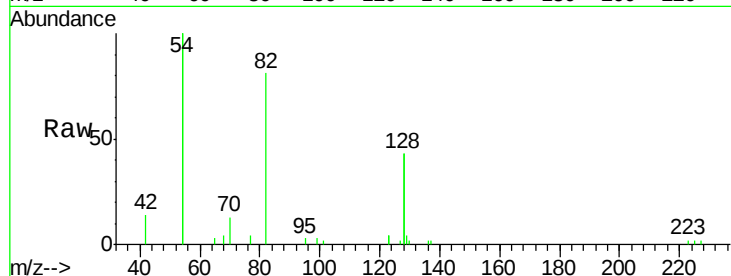
128 107.7 17.0 25.4#

54 247.9 53.8 80.6#

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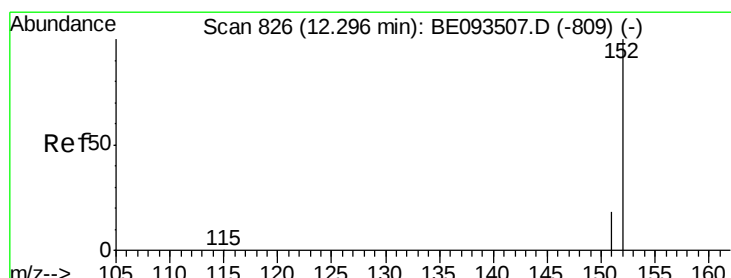
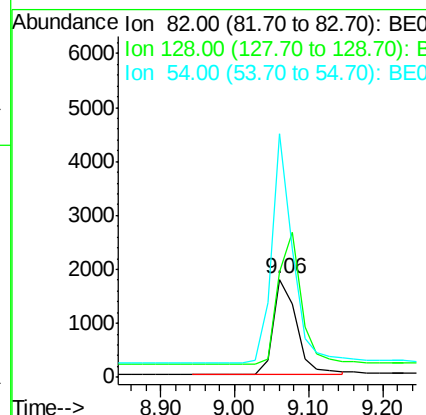
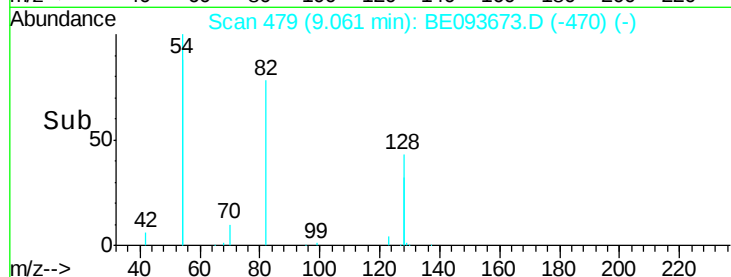
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Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.333 ng

RT: 12.29 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE093673.D

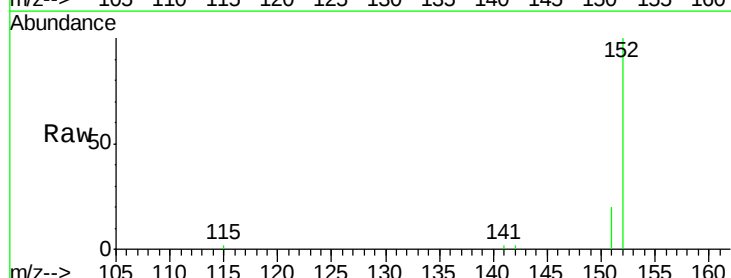
Acq: 5 Aug 2017 11:10

Tgt Ion: 152 Resp: 6563

Ion Ratio Lower Upper

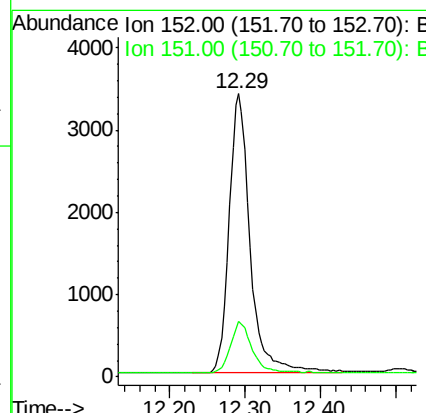
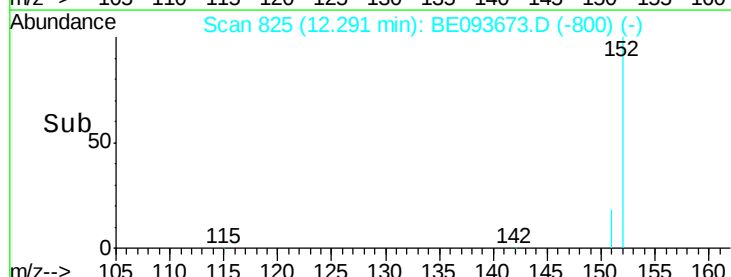
152 100

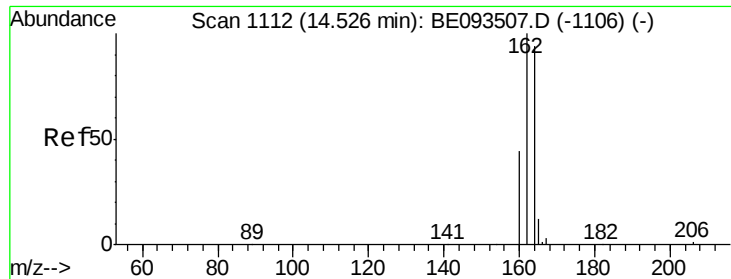
151 19.1 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





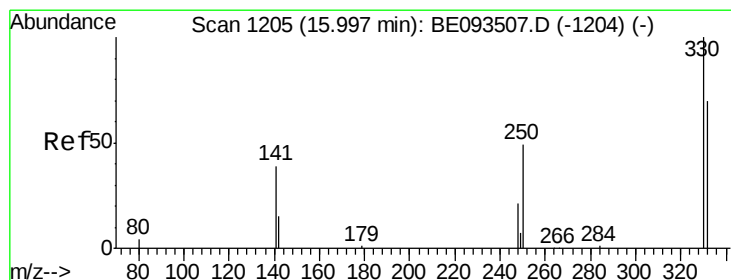
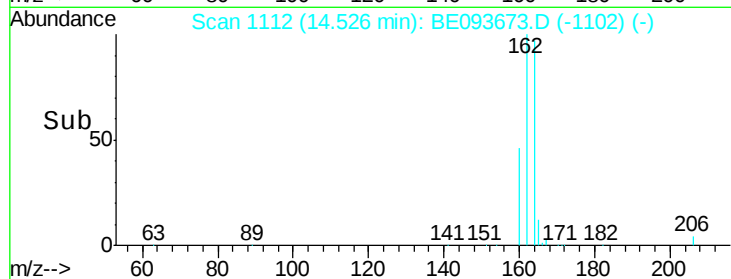
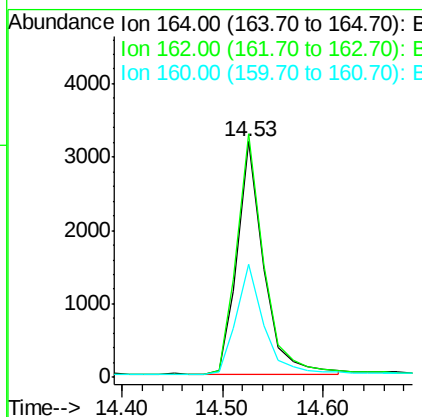
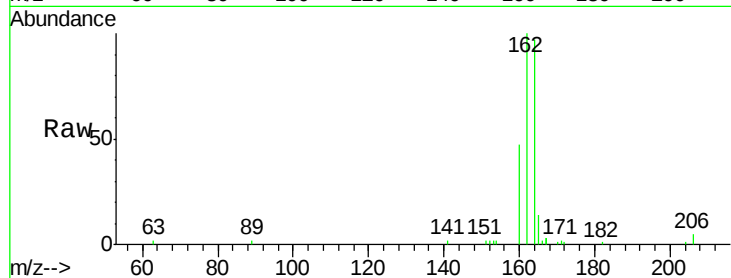
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BE093673.D
Acq: 5 Aug 2017 11:10

Instrument :
BNA_E
ClientSampleId :
SP4037

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	84.6	127.0
160	48.2	41.8	62.6

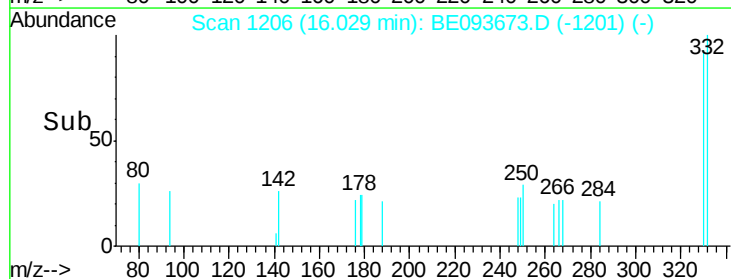
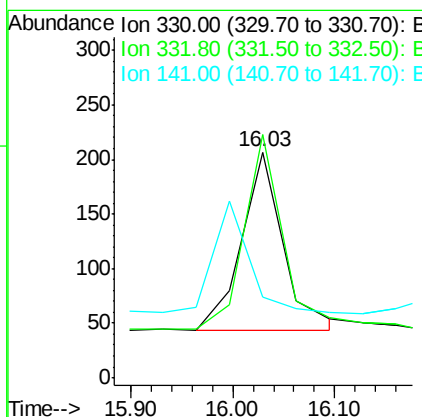
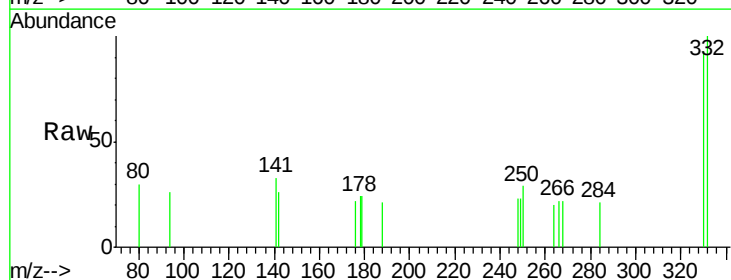
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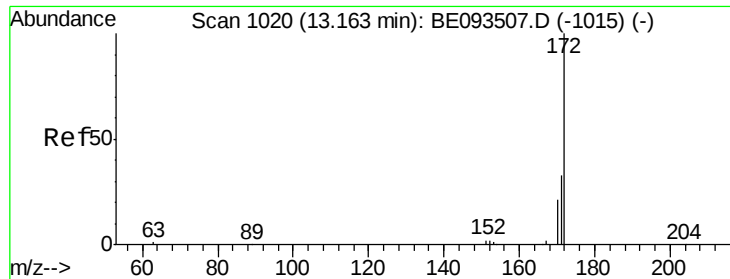
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#14
2,4,6-Tribromophenol
Concen: 0.377 ng m
RT: 16.03 min Scan# 1206
Delta R.T. 0.03 min
Lab File: BE093673.D
Acq: 5 Aug 2017 11:10

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.7	116.5
141	0.0	56.2	84.4#





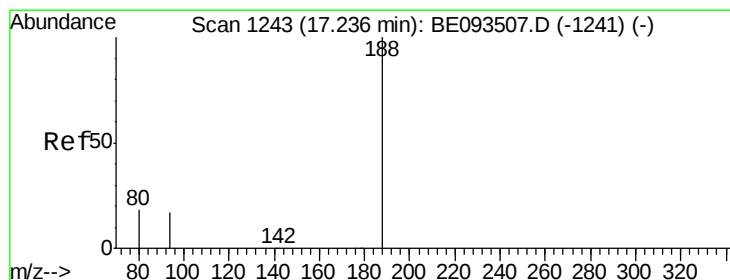
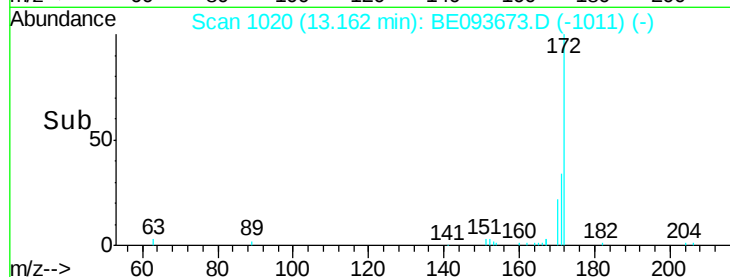
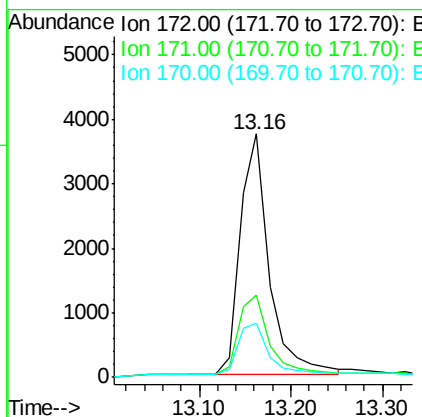
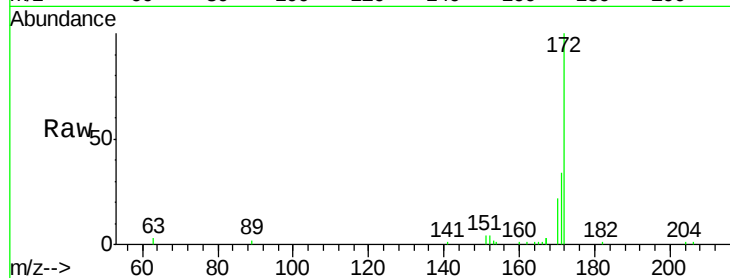
#15
2-Fluorobiphenyl
Concen: 0.356 ng
RT: 13.16 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BE093673.D
Acq: 5 Aug 2017 11:10

Instrument :
BNA_E
ClientSampleId :
SP4037

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.9	29.8	44.6
170	22.1	20.7	31.1

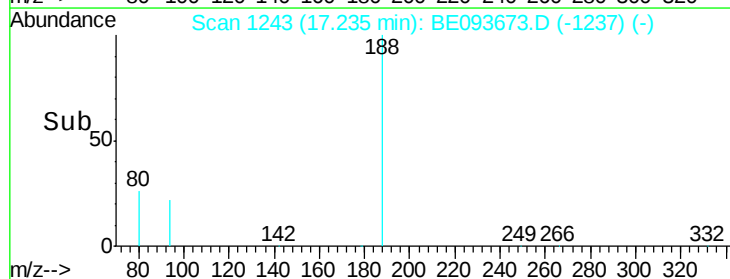
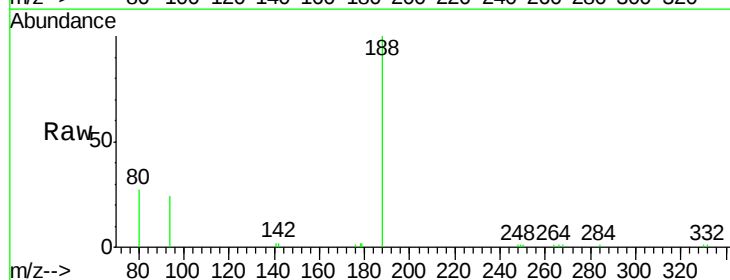
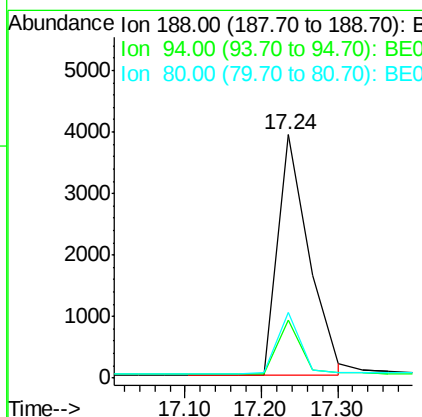
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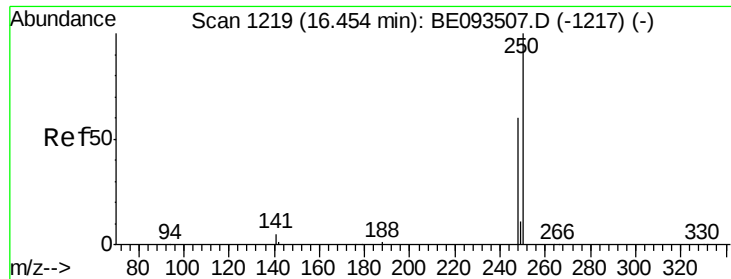
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BE093673.D
Acq: 5 Aug 2017 11:10

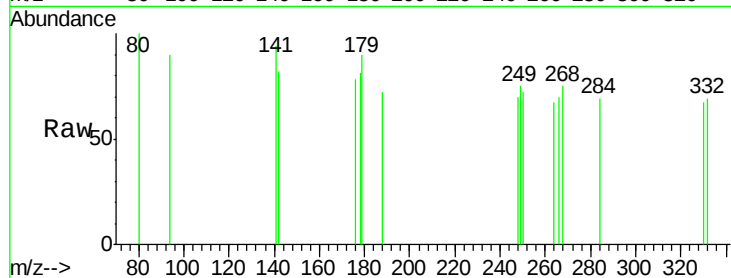
Tgt Ion	Ratio	Lower	Upper
188	100		
94	23.7	11.3	16.9#
80	27.2	11.7	17.5#





#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.36 min Scan# 1216
Delta R.T. -0.10 min
Lab File: BE093673.D
Acq: 5 Aug 2017 11:10

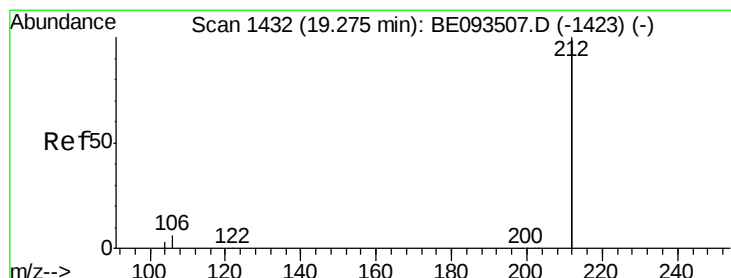
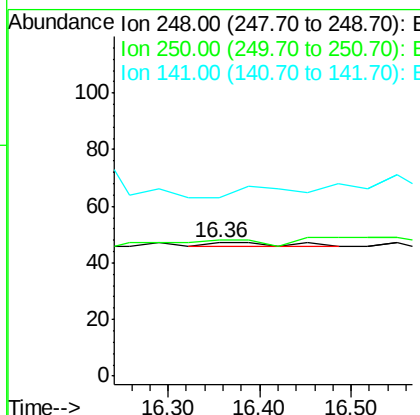
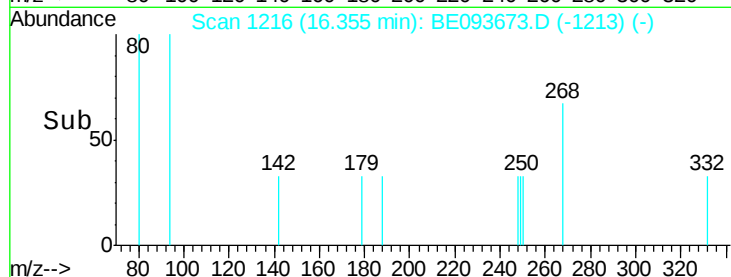
Instrument :
BNA_E
ClientSampleId :
SP4037



Tgt Ion: 248 Resp: 6
Ion Ratio Lower Upper
248 100
250 102.1 128.0 192.0#
141 134.0 12.0 18.0#

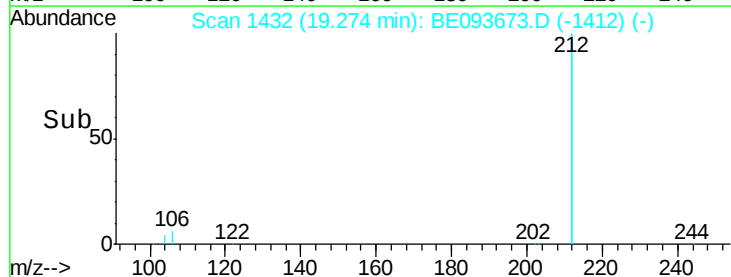
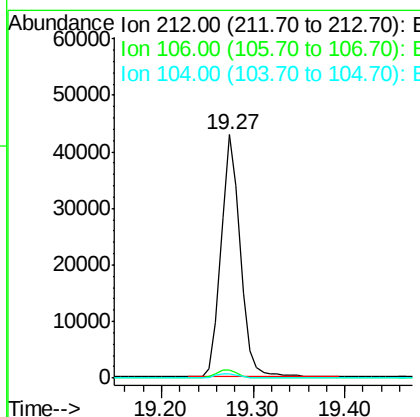
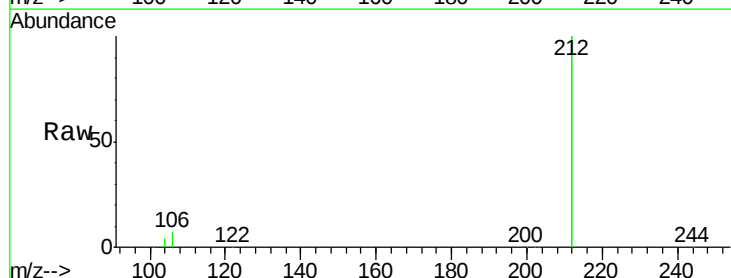
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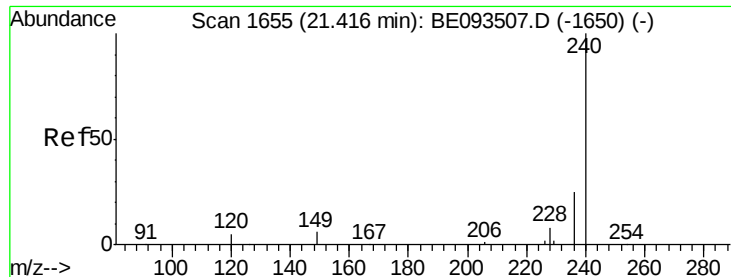
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#25
Fluoranthene-d10
Concen: 0.492 ng
RT: 19.27 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BE093673.D
Acq: 5 Aug 2017 11:10

Tgt Ion: 212 Resp: 62525
Ion Ratio Lower Upper
212 100
106 3.4 2.4 3.6
104 1.9 1.6 2.4





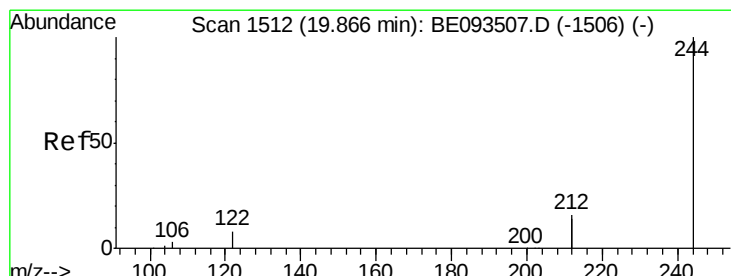
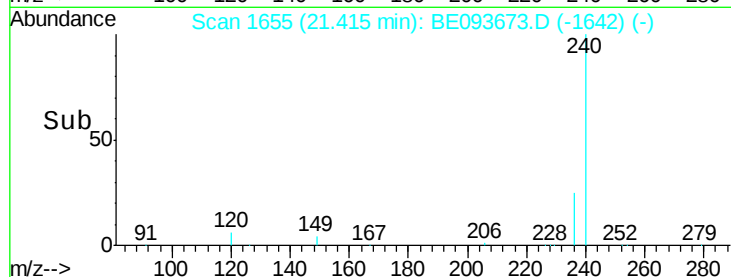
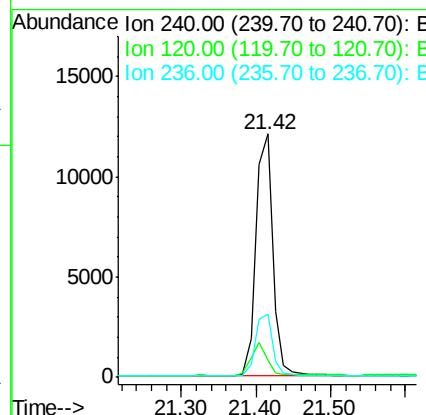
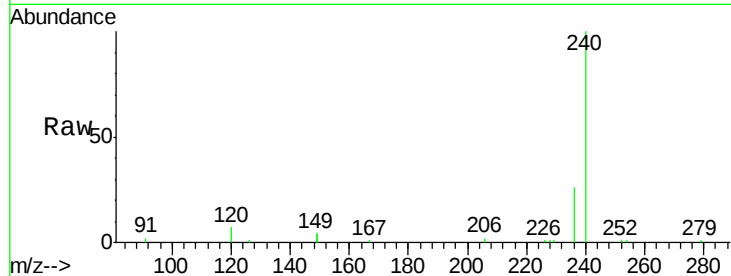
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.42 min Scan# 1655
 Delta R.T. -0.00 min
 Lab File: BE093673.D
 Acq: 5 Aug 2017 11:10

Instrument :
 BNA_E
 ClientSampleId :
 SP4037

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.9	4.6	7.0
236	25.9	20.8	31.2

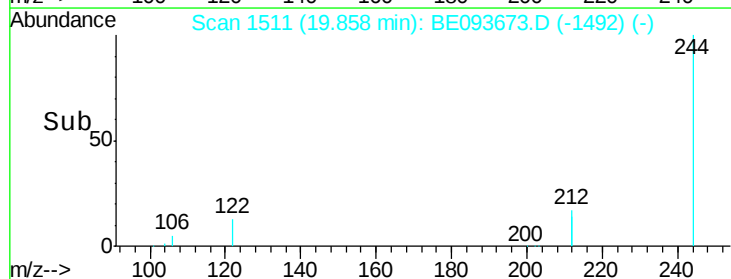
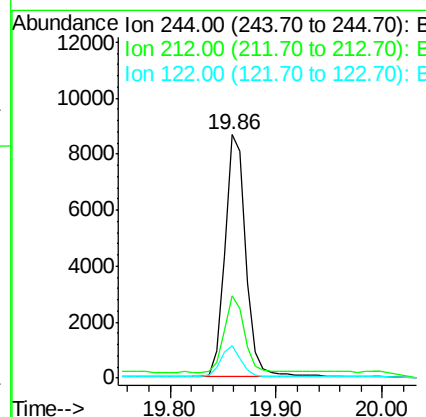
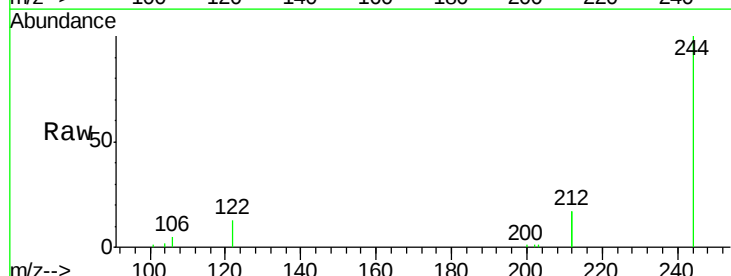
Manual Integrations
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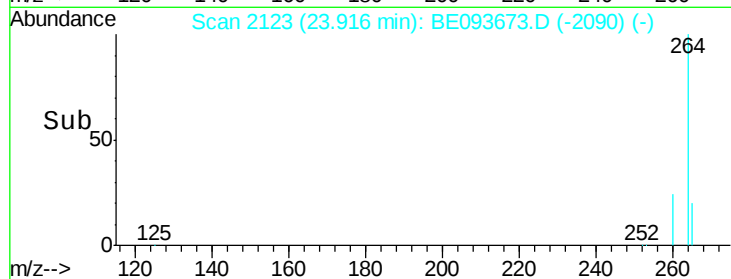
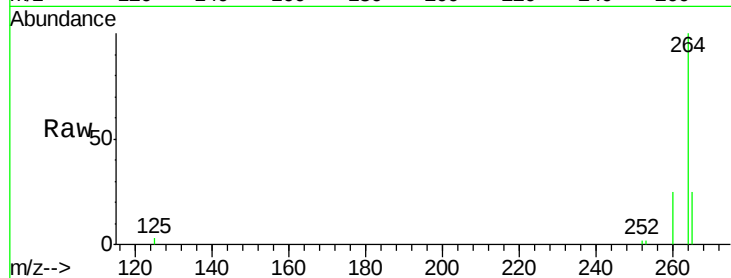
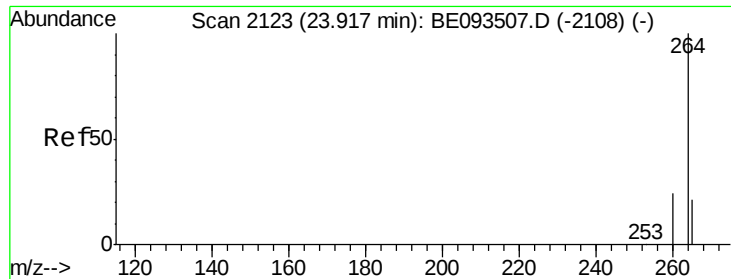
Sohil
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#29
 Terphenyl-d14
 Concen: 0.346 ng
 RT: 19.86 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BE093673.D
 Acq: 5 Aug 2017 11:10

Tgt Ion	Ratio	Lower	Upper
244	100		
212	33.7	10.6	16.0#
122	13.3	15.4	23.0#





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.92 min Scan# 2123

Delta R.T. -0.00 min

Lab File: BE093673.D

Acq: 5 Aug 2017 11:10

Instrument :

BNA_E

ClientSampleId :

SP4037

Tgt Ion: 264 Resp: 19775

Ion Ratio Lower Upper

264 100

260 24.8 21.0 31.4

265 24.7 24.6 36.8

Manual Integrations
APPROVED

Sohil
8/7/2017 6:10:44 PM

