

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE071417\
 Data File : BE093470.D
 Acq On : 14 Jul 2017 14:09
 Operator : SJ/JU
 Sample : I4153-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LF-MW-54BR-20170710

Manual Integrations
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Quant Time: Jul 17 02:02:06 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 06:40:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	4383	0.40	ng	-0.01
7) Naphthalene-d8	10.72	136	22704	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	15400	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	25660	0.40	ng	0.00
27) Chrysene-d12	21.42	240	40615	0.40	ng	-0.01
34) Perylene-d12	23.93	264	34272	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	2227	0.17	ng	0.00
5) Phenol-d6	7.09	99	2240	0.11	ng	-0.01
8) Nitrobenzene-d5	9.08	82	5679	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	13530	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	1254	0.26	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	25351	0.42	ng	-0.01
25) Fluoranthene-d10	19.28	212	168615	0.55	ng	0.00
29) Terphenyl-d14	19.87	244	37013	0.51	ng	0.00
Target Compounds						
9) Naphthalene	10.77	128	4810	0.020	ng	Qvalue # 78
22) Pentachlorophenol	16.91	266	211	0.059	ng	# 89
26) Fluoranthene	19.31	202	2332	0.027	ng	# 85
28) Pyrene	19.67	202	2345	0.021	ng	# 96
32) Bis(2-ethylhexyl)phthalate	21.33	149	32391	0.205	ng	# 66

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

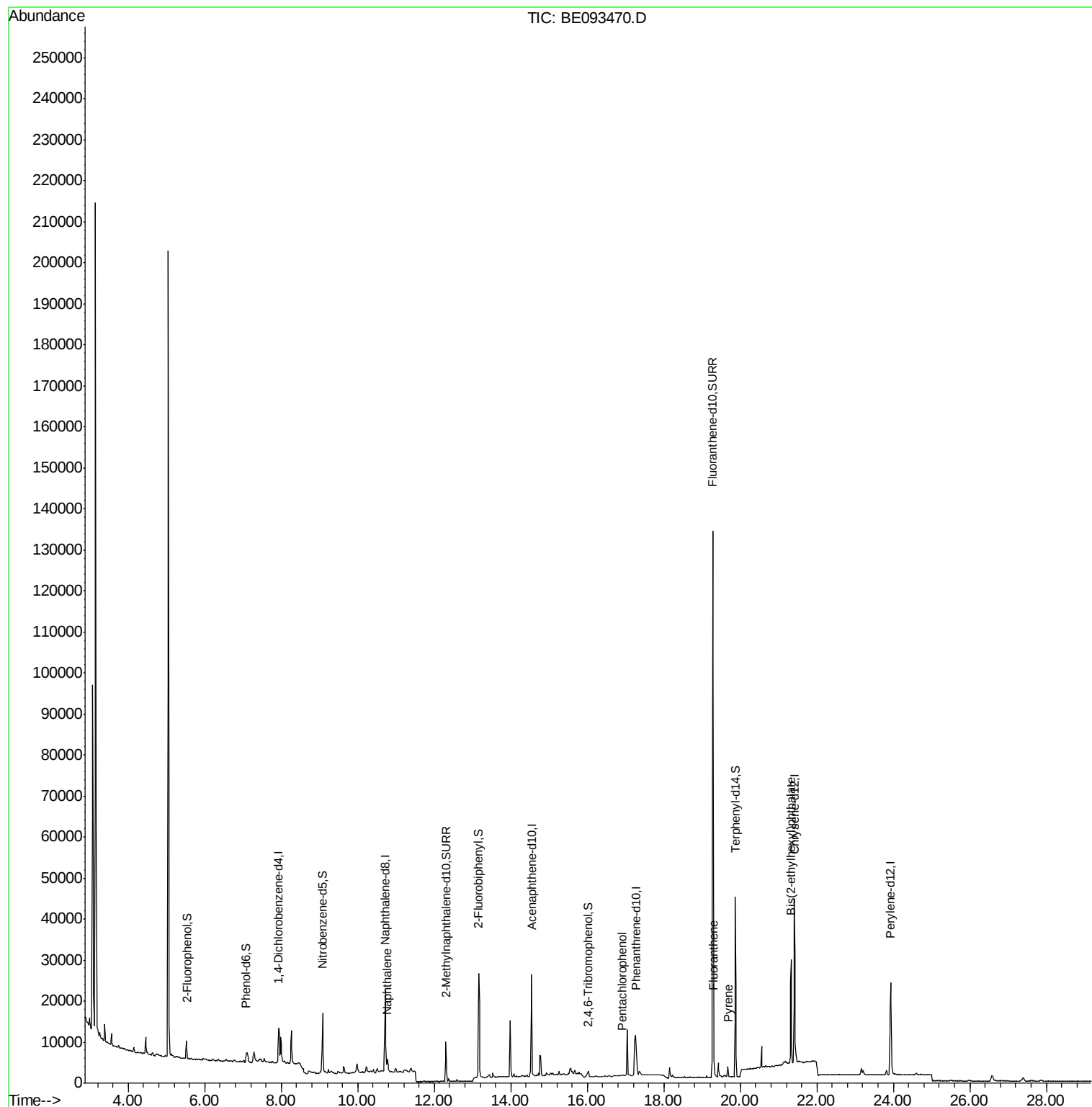
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE071417\
Data File : BE093470.D
Acq On : 14 Jul 2017 14:09
Operator : SJ/JU
Sample : I4153-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

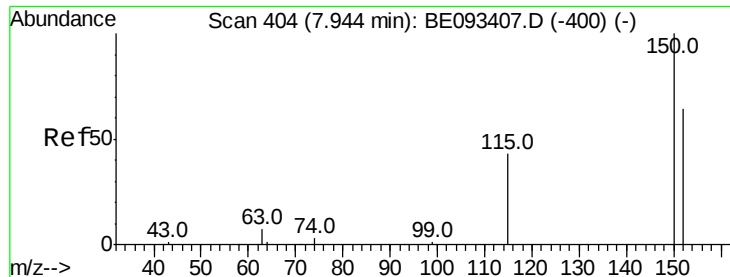
Instrument :
BNA_E
ClientSampleId :
LF-MW-54BR-20170710

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Quant Time: Jul 17 02:02:06 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 06:40:23 2017
Response via : Initial Calibration





#1

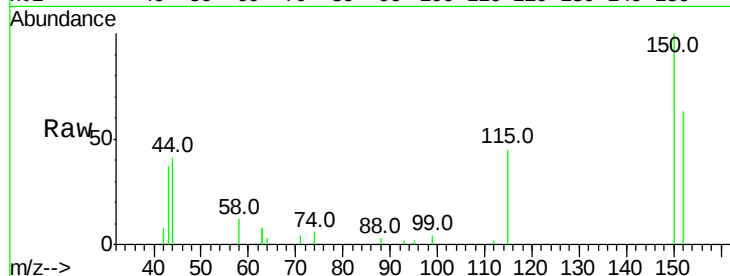
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.93 min Scan# 403
Delta R.T. -0.01 min
Lab File: BE093470.D
Acq: 14 Jul 2017 14:09

Instrument :
BNA_E
ClientSampleId :
LF-MW-54BR-20170710

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	125.1	187.7
115	71.2	55.7	83.5

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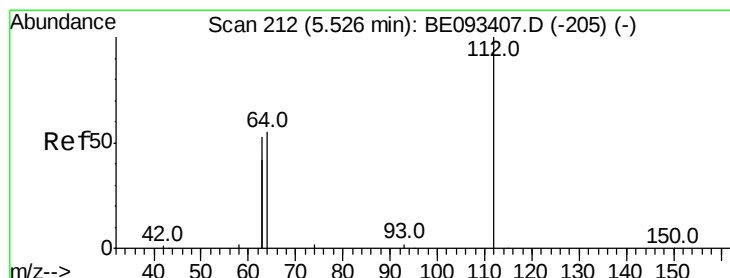
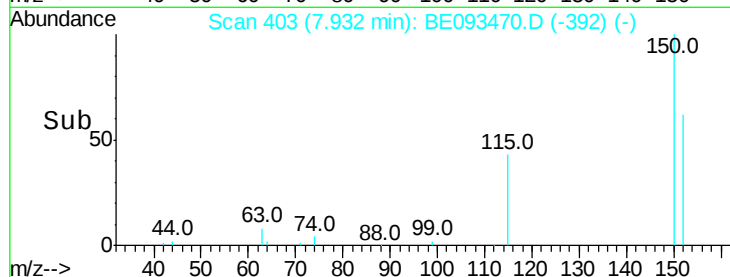
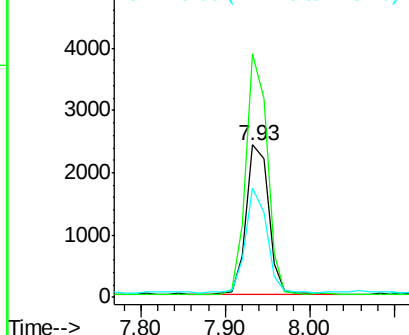


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

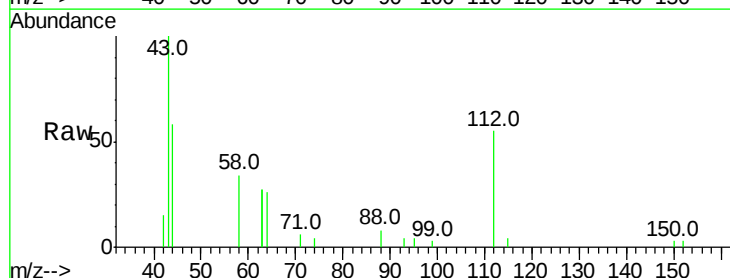
Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol
Concen: 0.168 ng
RT: 5.53 min Scan# 212
Delta R.T. 0.00 min
Lab File: BE093470.D
Acq: 14 Jul 2017 14:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.1	56.4	84.6
63	142.1	29.3	43.9#

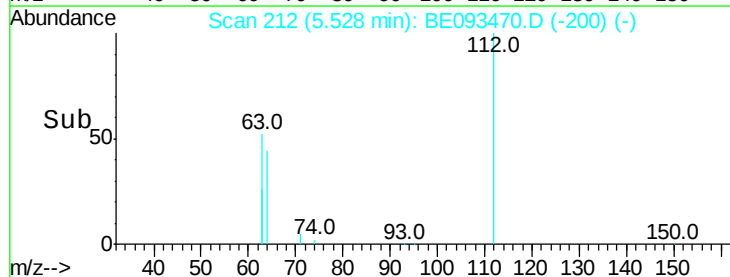
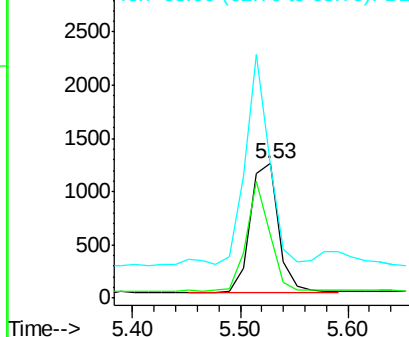


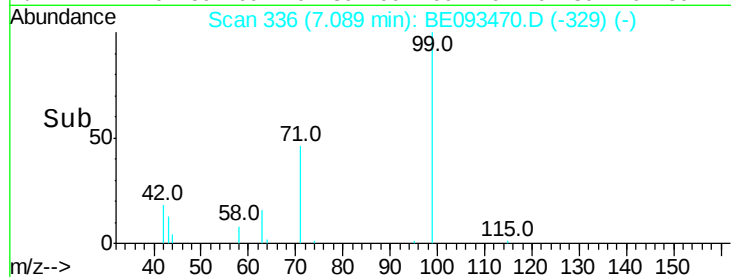
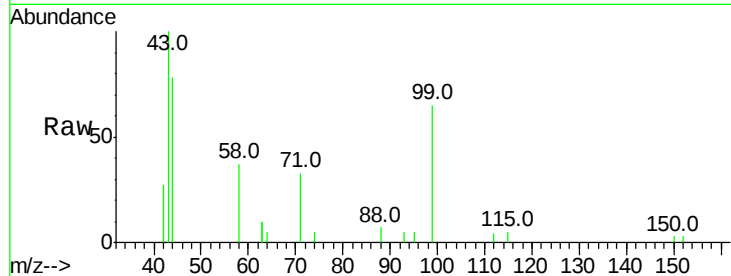
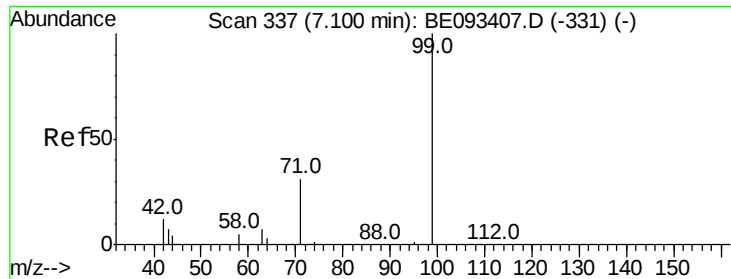
Abundance

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: 0.115 ng

RT: 7.09 min Scan# 336

Delta R.T. -0.01 min

Lab File: BE093470.D

Acq: 14 Jul 2017 14:09

Tot Ion:	99	Resp:	2240
Ion Ratio	Lower	Upper	
99	100		
42	23.2	0.0	0.0#
71	41.3	0.0	0.0#

Instrument :

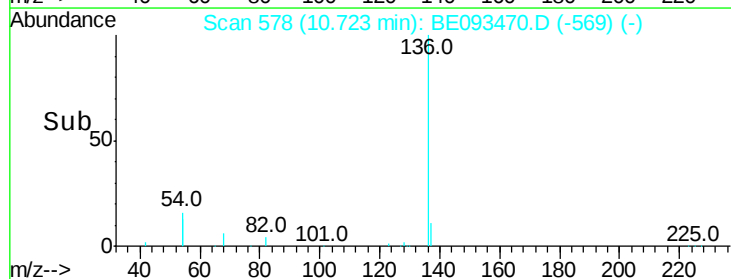
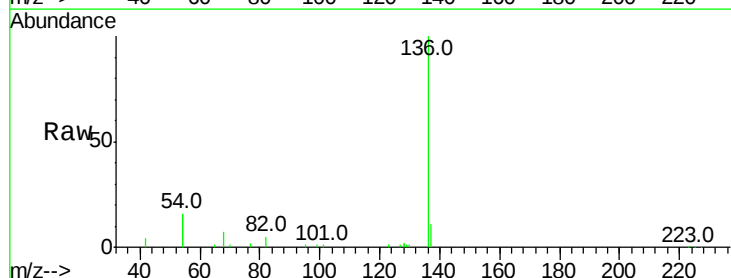
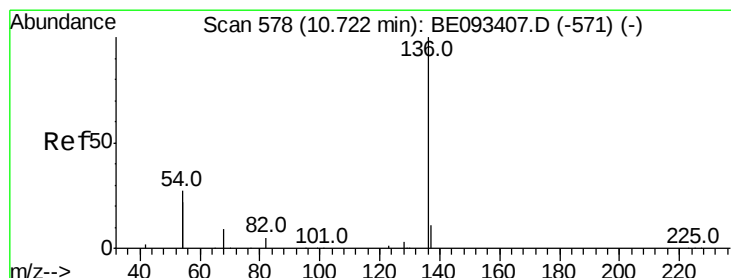
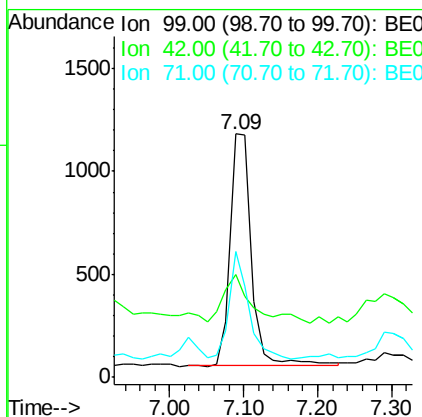
BNA_E

ClientSampleId :

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#7

Naphthalene-d8

Concen: 0.400 ng

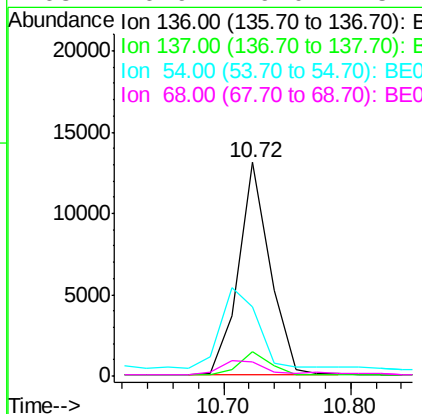
RT: 10.72 min Scan# 578

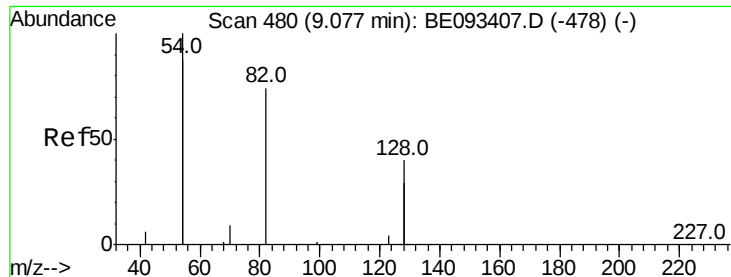
Delta R.T. 0.00 min

Lab File: BE093470.D

Acq: 14 Jul 2017 14:09

Tgt Ion:	136	Resp:	22704
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.8	14.8
54	32.1	10.3	15.5#
68	6.9	9.0	13.4#





#8

Nitrobenzene-d5

Concen: 0.392 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093470.D

Acq: 14 Jul 2017 14:09

Instrument :

BNA_E

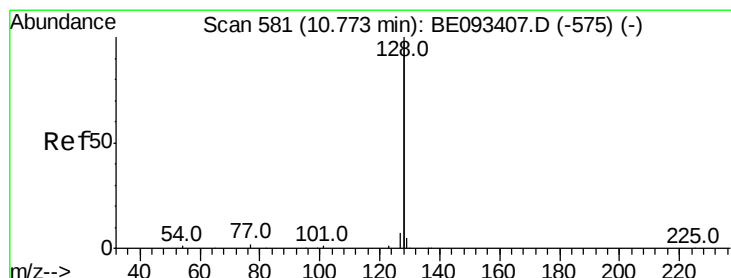
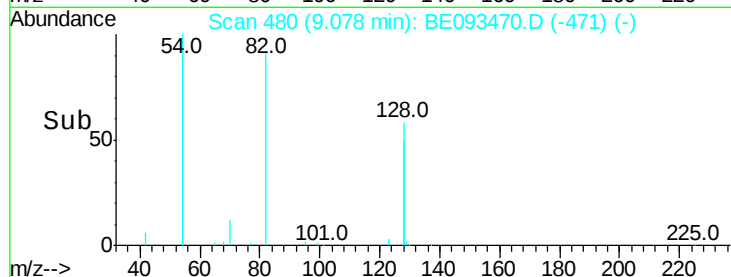
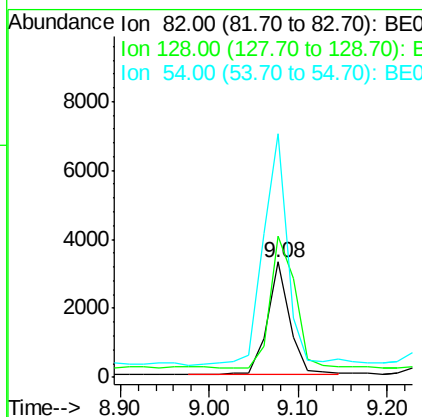
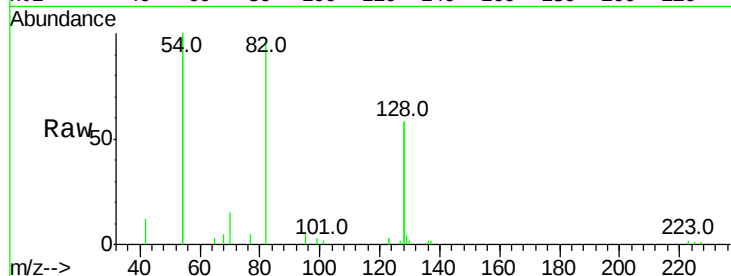
ClientSampleId :

LF-MW-54BR-20170710

Tot Ion:	82	Resp:	5679
Ion Ratio	Lower	Upper	
82	100		
128	122.7	17.0	25.4#
54	210.8	53.8	80.6#

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#9

Naphthalene

Concen: 0.020 ng

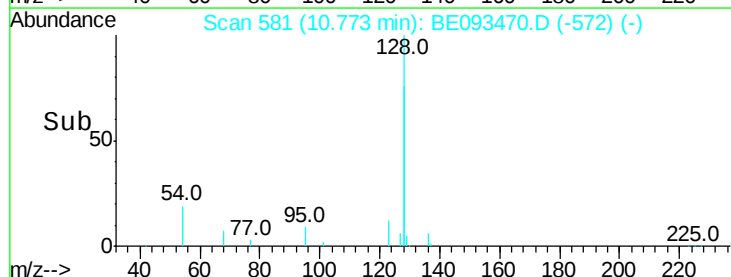
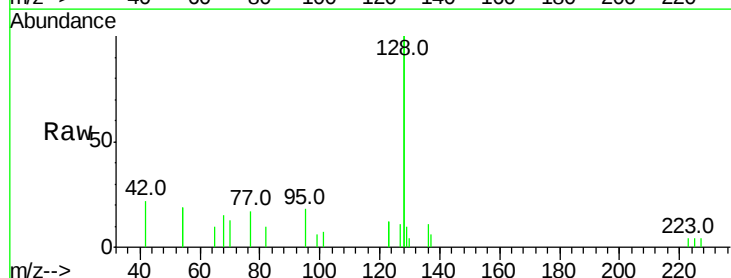
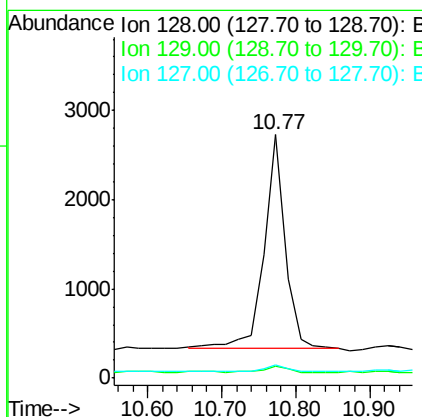
RT: 10.77 min Scan# 581

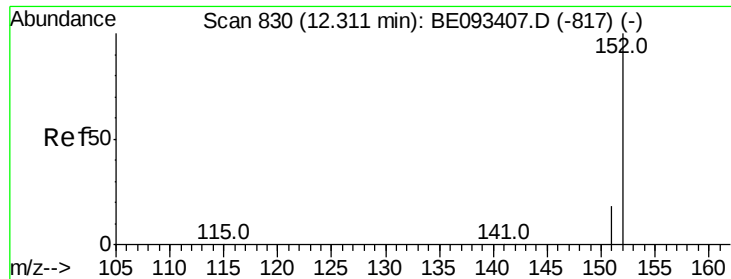
Delta R.T. 0.00 min

Lab File: BE093470.D

Acq: 14 Jul 2017 14:09

Tgt Ion:	128	Resp:	4810
Ion Ratio	Lower	Upper	
128	100		
129	4.8	11.4	17.0#
127	5.5	11.2	16.8#





#11

2-Methylnaphthalene-d10

Concen: 0.374 ng

RT: 12.30 min Scan# 828

Delta R.T. -0.01 min

Lab File: BE093470.D

Acq: 14 Jul 2017 14:09

Instrument :

BNA_E

ClientSampleId :

LF-MW-54BR-20170710

Tot Ion:152 Resp: 13530

Ion Ratio Lower Upper

152 100

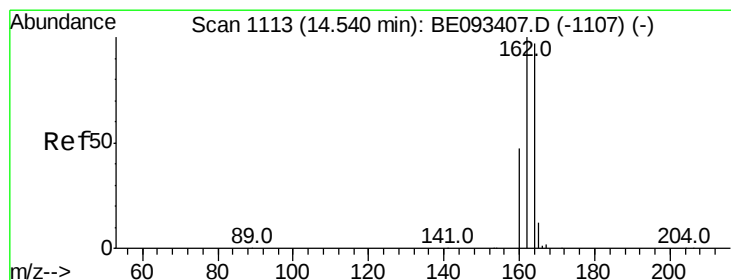
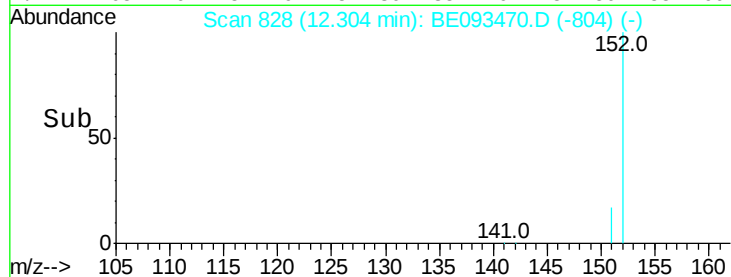
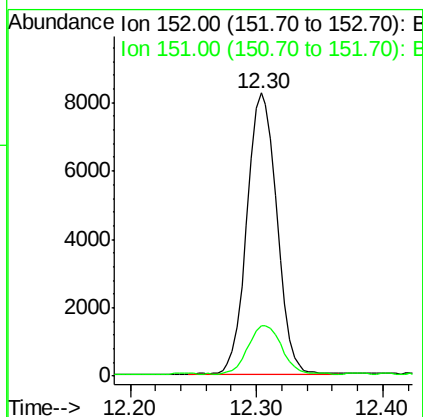
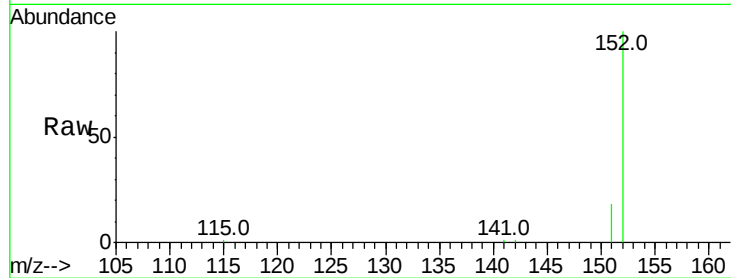
151 19.1 15.1 22.7

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#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.54 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BE093470.D

Acq: 14 Jul 2017 14:09

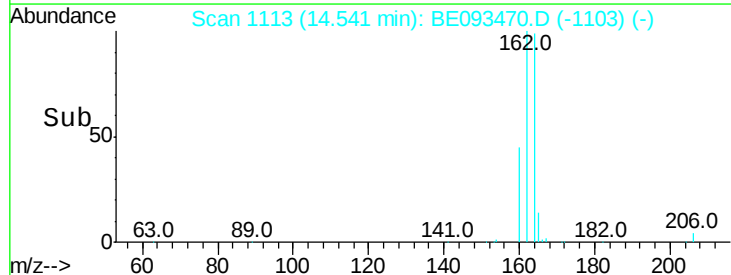
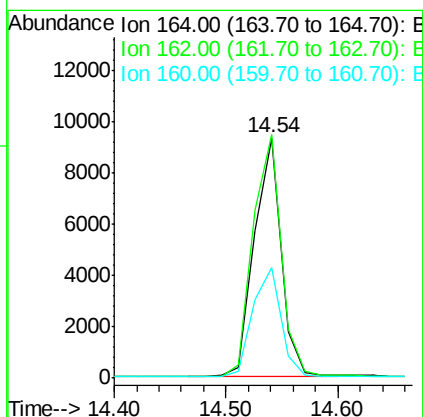
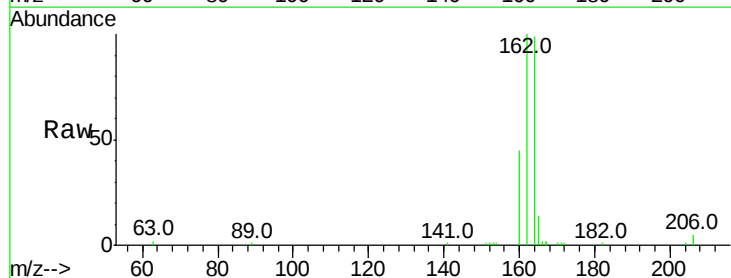
Tgt Ion:164 Resp: 15400

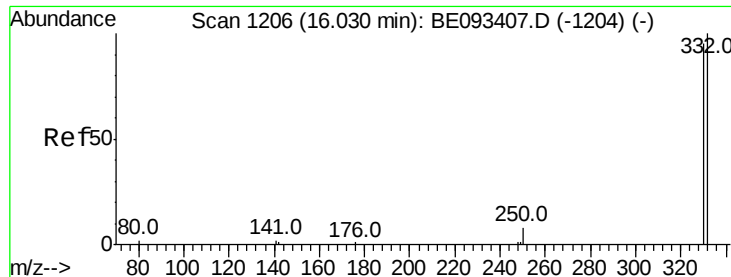
Ion Ratio Lower Upper

164 100

162 101.3 84.6 127.0

160 45.8 41.8 62.6





#14

2,4,6-Tribromophenol

Concen: 0.259 ng

RT: 16.03 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BE093470.D

Acq: 14 Jul 2017 14:09

Instrument :

BNA_E

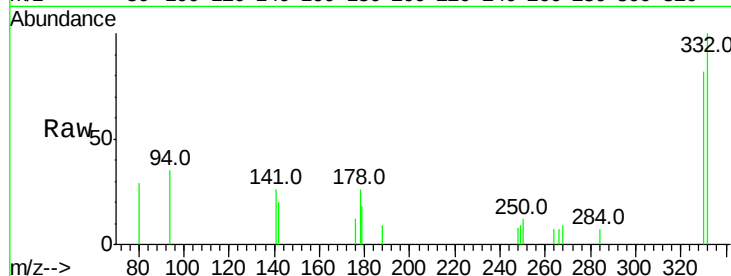
ClientSampleId :

LF-MW-54BR-20170710

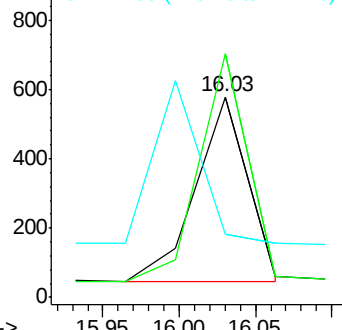
Tot Ion	Ratio	Lower	Upper
330	100		
332	113.6	77.7	116.5
141	0.0	56.2	84.4

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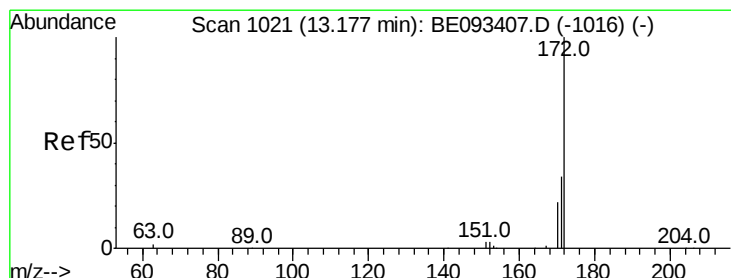
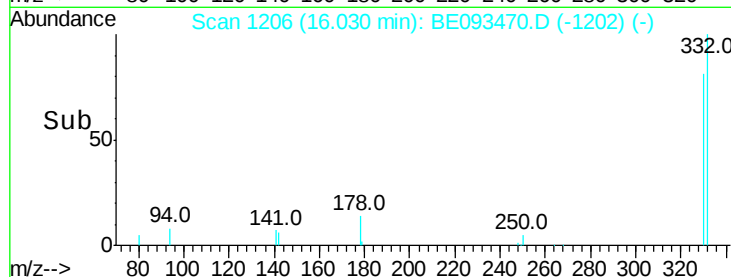
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Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



Time-->



#15

2-Fluorobiphenyl

Concen: 0.424 ng

RT: 13.16 min Scan# 1020

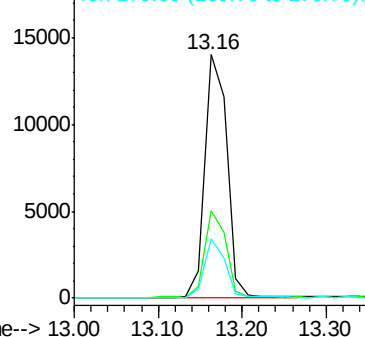
Delta R.T. -0.01 min

Lab File: BE093470.D

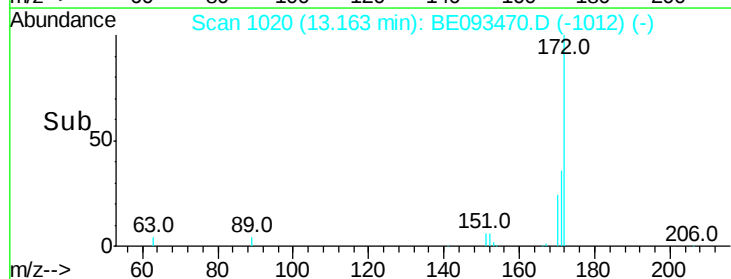
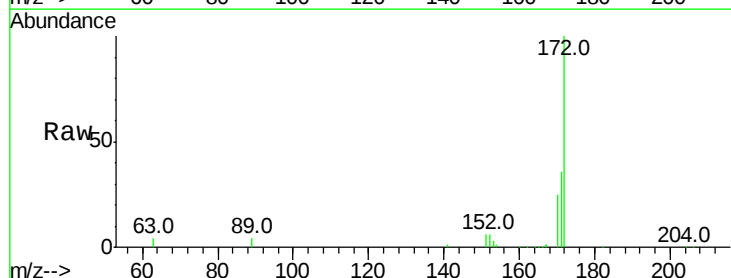
Acq: 14 Jul 2017 14:09

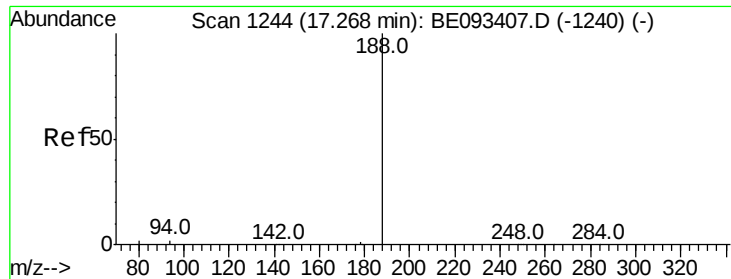
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.8	44.6
170	24.6	20.7	31.1

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



Time-->





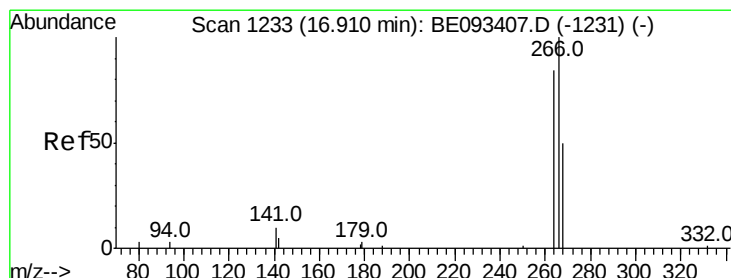
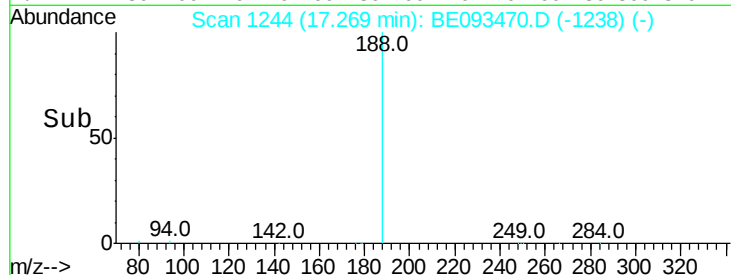
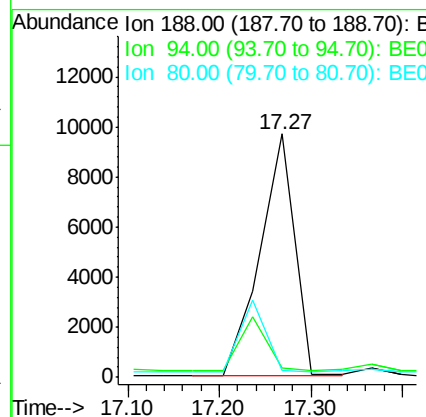
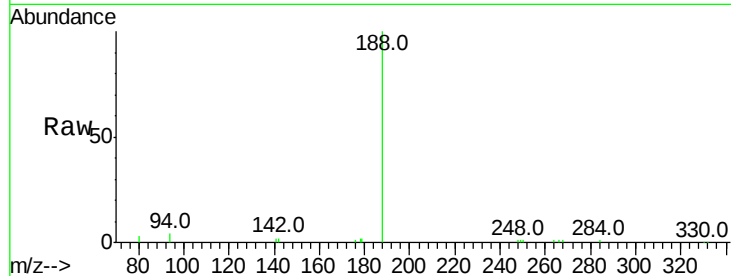
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE093470.D
Acq: 14 Jul 2017 14:09

Instrument :
BNA_E
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	3.8	11.3	16.9#	
80	3.0	11.7	17.5#	

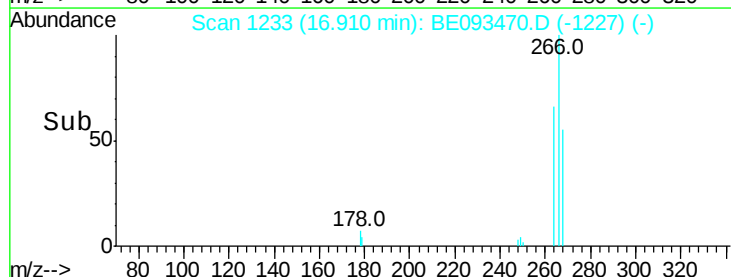
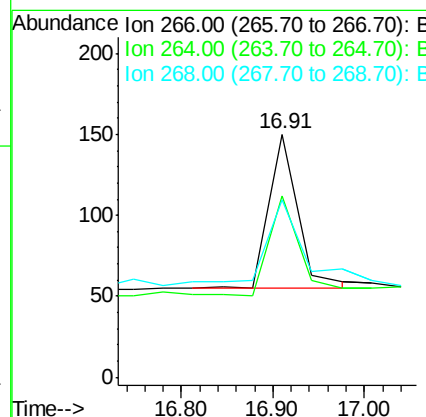
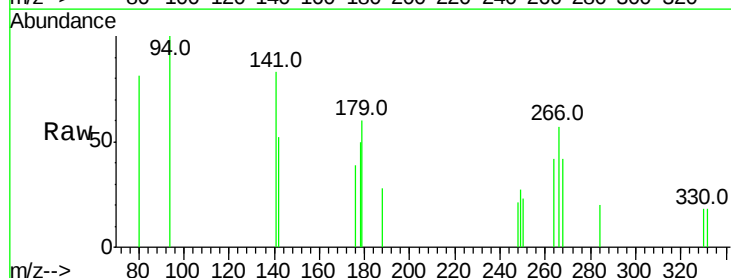
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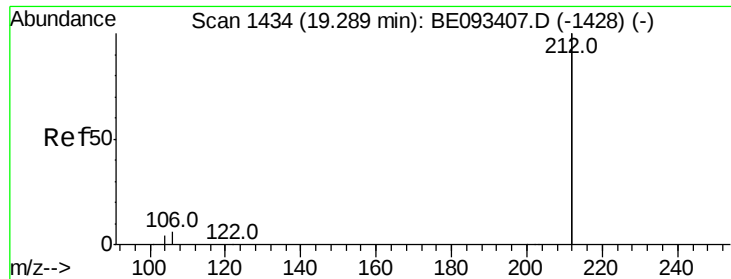
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#22
Pentachlorophenol
Concen: 0.059 ng
RT: 16.91 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE093470.D
Acq: 14 Jul 2017 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
264	74.7	58.2	87.2	
268	73.3	71.9	107.9	





#25

Fluoranthene-d10

Concen: 0.545 ng

RT: 19.28 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BE093470.D

Acq: 14 Jul 2017 14:09

Instrument :

BNA_E

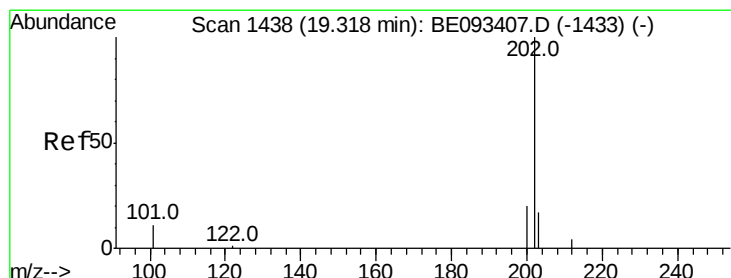
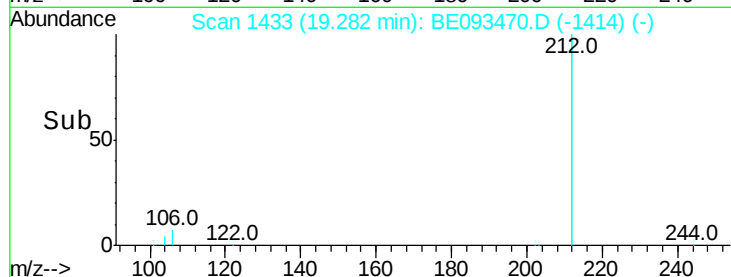
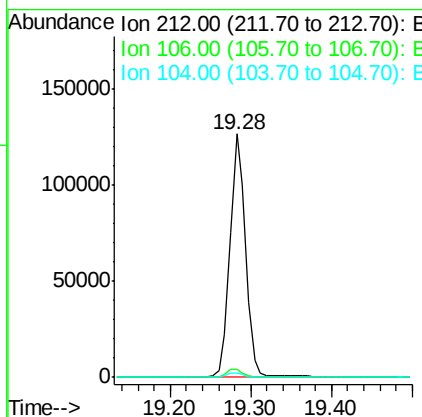
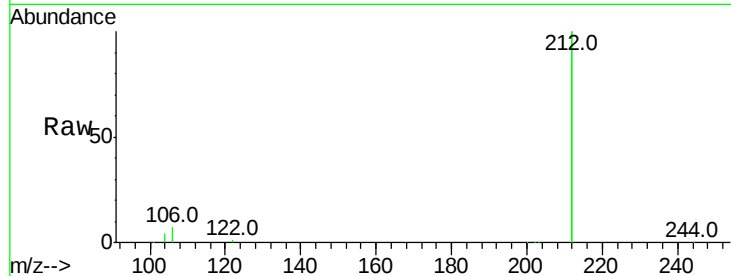
ClientSampleId :

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Tot Ion:	212	Resp:	168615
Ion Ratio	Lower	Upper	
212	100		
106	3.5	2.4	3.6
104	1.9	1.6	2.4

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#26

Fluoranthene

Concen: 0.027 ng

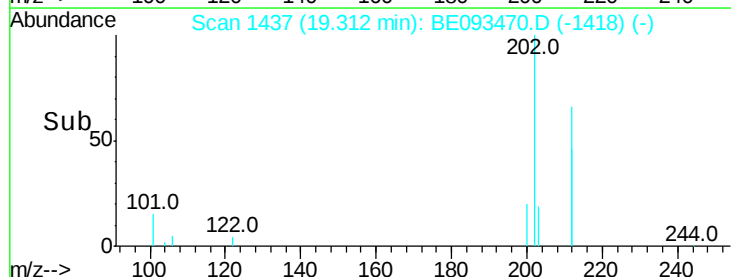
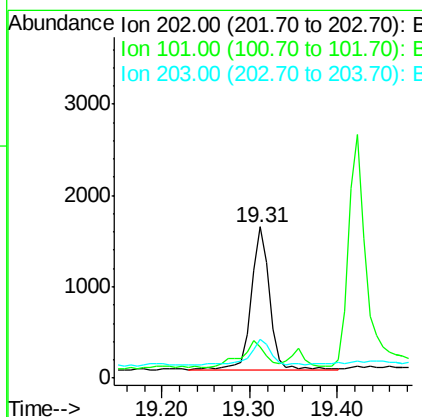
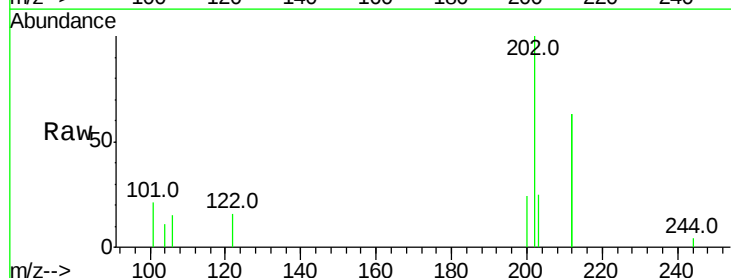
RT: 19.31 min Scan# 1437

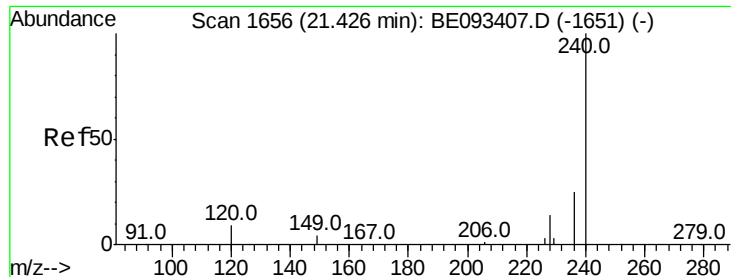
Delta R.T. -0.01 min

Lab File: BE093470.D

Acq: 14 Jul 2017 14:09

Tgt Ion:	202	Resp:	2332
Ion Ratio	Lower	Upper	
202	100		
101	25.0	9.6	14.4#
203	16.5	14.4	21.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.42 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BE093470.D

Acq: 14 Jul 2017 14:09

Instrument :

BNA_E

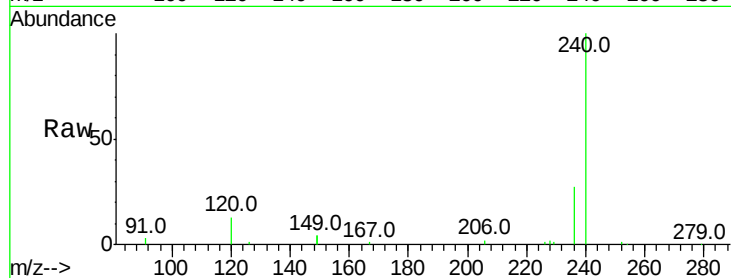
ClientSampleId :

LF-MW-54BR-20170710

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.8	4.6	7.0#
236	26.9	20.8	31.2

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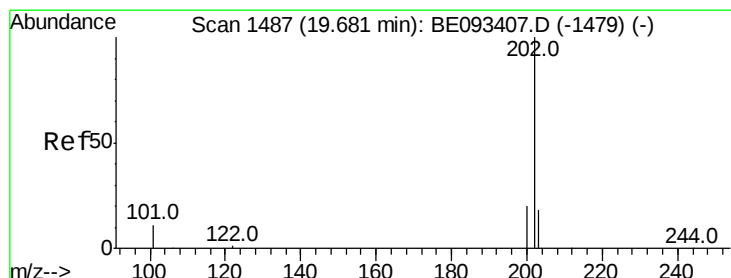
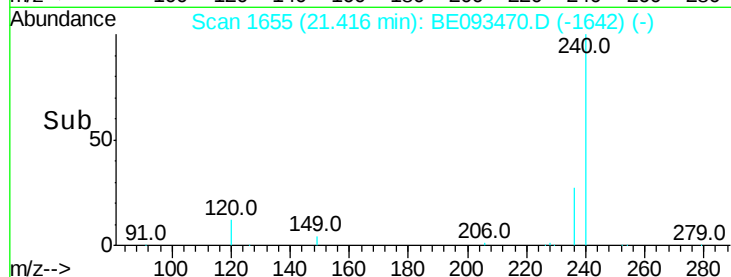
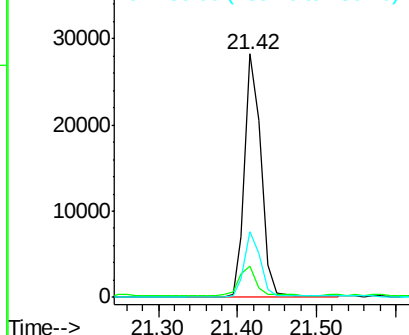
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.021 ng

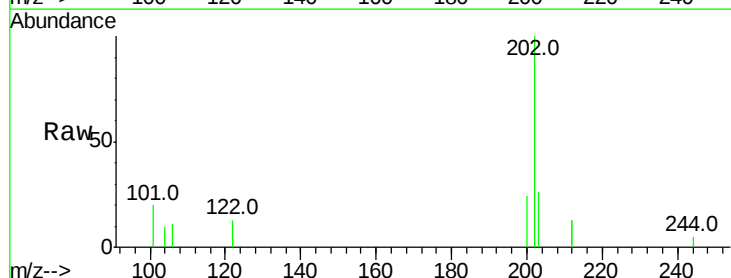
RT: 19.67 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BE093470.D

Acq: 14 Jul 2017 14:09

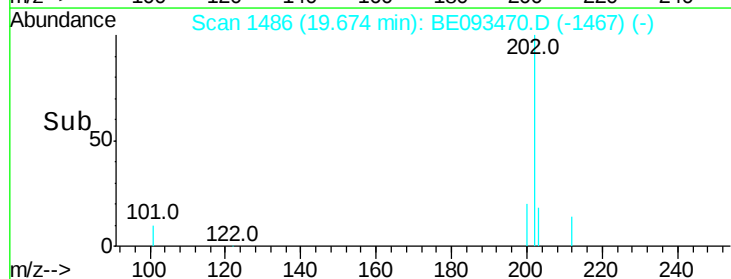
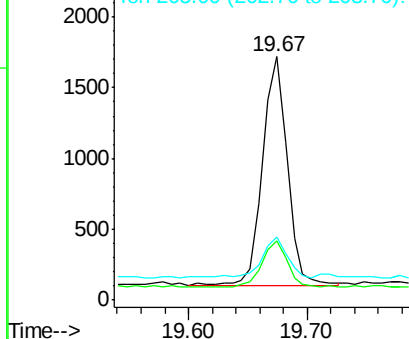
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	0.0	0.0#
203	18.9	13.7	20.5

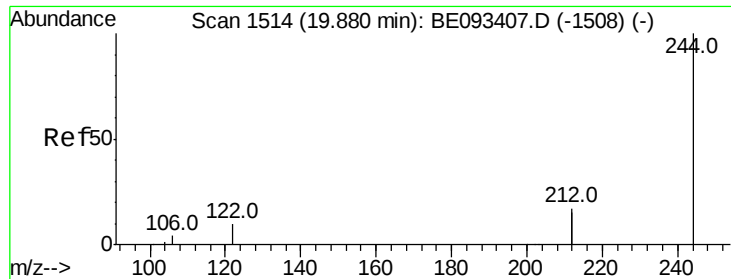


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





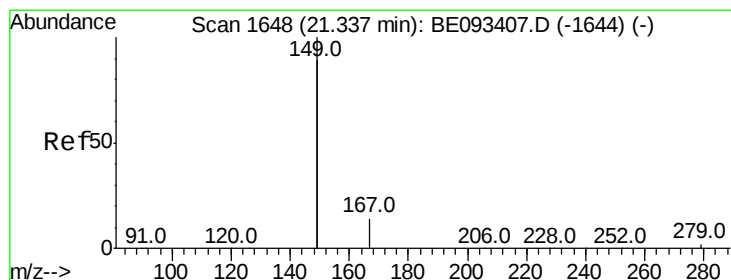
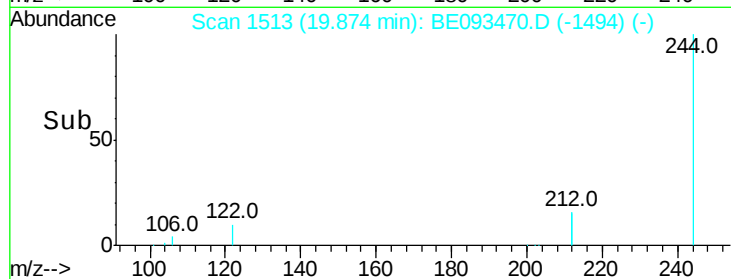
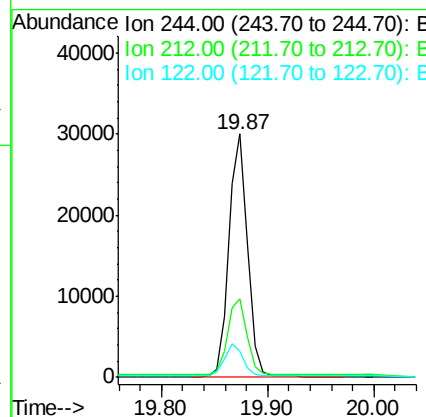
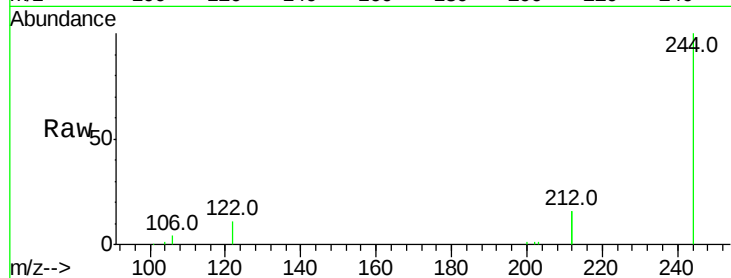
#29
 Terphenyl-d14
 Concen: 0.510 ng
 RT: 19.87 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BE093470.D
 Acq: 14 Jul 2017 14:09

Instrument :
 BNA_E
 ClientSampleId :
 LF-MW-54BR-20170710

Tot Ion	Ratio	Lower	Upper
244	100		
212	32.3	10.6	16.0#
122	10.7	15.4	23.0#

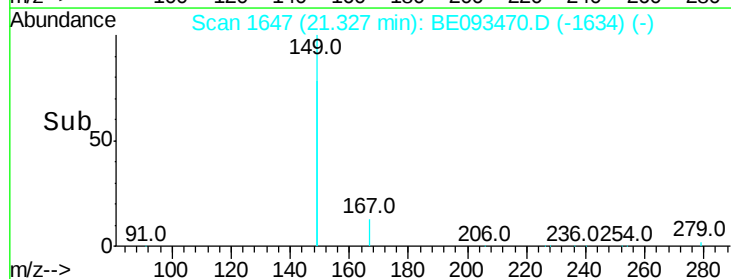
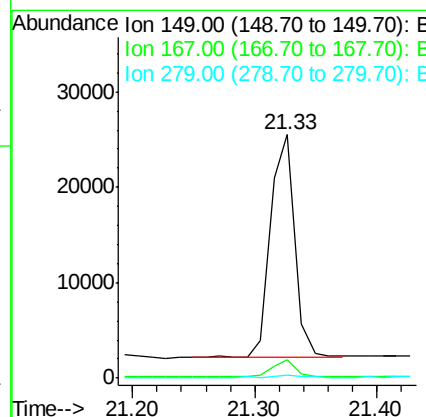
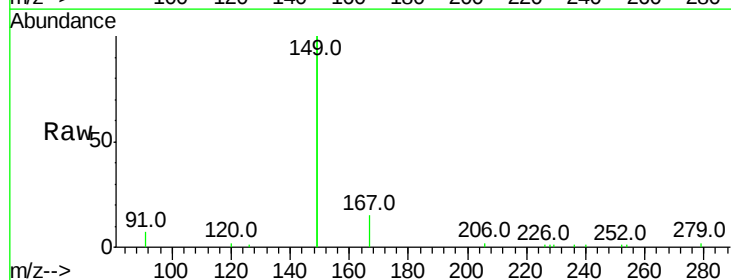
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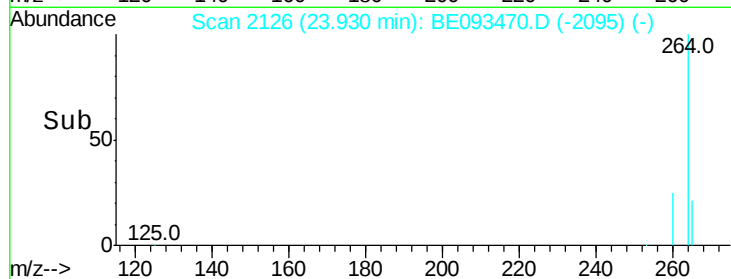
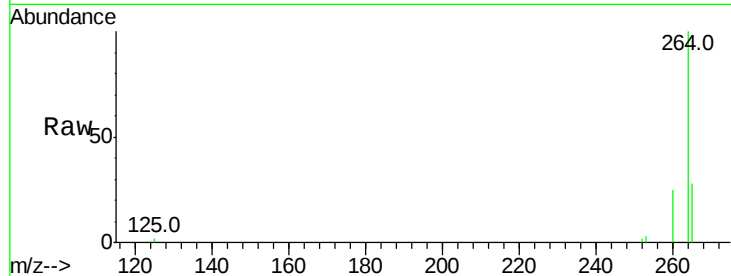
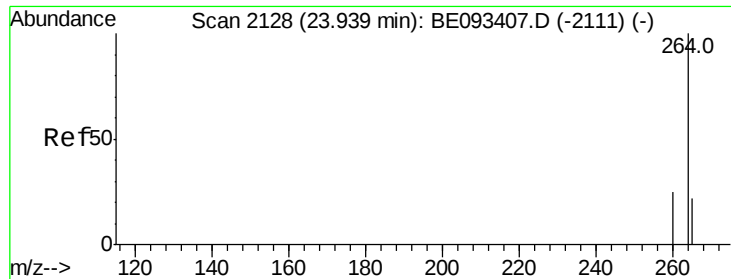
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#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.205 ng
 RT: 21.33 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BE093470.D
 Acq: 14 Jul 2017 14:09

Tgt Ion	Ratio	Lower	Upper
149	100		
167	6.7	20.1	30.1#
279	1.0	2.2	3.4#





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.93 min Scan# 2126

Delta R.T. -0.01 min

Lab File: BE093470.D

Acq: 14 Jul 2017 14:09

Instrument :

BNA_E

ClientSampleId :

LF-MW-54BR-20170710

Tot Ion: 264 Resp: 34272

Ion Ratio Lower Upper

264 100

260 24.9 21.0 31.4

265 27.6 24.6 36.8

Manual Integrations

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