

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102317\
 Data File : BE094508.D
 Acq On : 23 Oct 2017 22:50
 Operator : SJ/JU
 Sample : I5950-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 20170725-PA-A-COMP1

Manual Integrations
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Quant Time: Oct 24 02:18:25 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 22:40:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1356	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	7785	0.40	ng	-0.02
13) Acenaphthene-d10	14.51	164	4801	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	12866	0.40	ng	0.00
27) Chrysene-d12	21.42	240	9902	0.40	ng	-0.01
34) Perylene-d12	23.93	264	9601	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	746	0.16	ng	0.00
5) Phenol-d6	7.11	99	629	0.09	ng	-0.03
8) Nitrobenzene-d5	9.06	82	2654	0.43	ng	-0.02
11) 2-Methylnaphthalene-d10	12.27	152	4684	0.37	ng	-0.02
14) 2,4,6-Tribromophenol	16.00	330	661m	0.50	ng	-0.03
15) 2-Fluorobiphenyl	13.13	172	6276	0.37	ng	-0.01
25) Fluoranthene-d10	19.27	212	46852	0.27	ng	-0.01
29) Terphenyl-d14	19.85	244	8724	0.47	ng	-0.02
Target Compounds						
9) Naphthalene	10.74	128	20055750	227.622	ng	99
12) 2-Methylnaphthalene	12.34	142	595830	39.858	ng	97
16) Acenaphthylene	14.23	152	28894	1.140	ng	# 94
17) Acenaphthene	14.57	154	344375	21.158	ng	98
18) Fluorene	15.55	166	286339	13.725	ng	97
23) Phenanthrene	17.27	178	732292	25.032	ng	# 90
24) Anthracene	17.37	178	66004	1.746	ng	# 81
26) Fluoranthene	19.30	202	56783	1.457	ng	99
28) Pyrene	19.66	202	33025	0.954	ng	# 95
30) Benzo(a)anthracene	21.39	228	1602m	0.050	ng	
31) Chrysene	21.45	228	1332	0.041	ng	90
32) Bis(2-ethylhexyl)phthalate	21.28	149	10002	0.127	ng	# 99

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

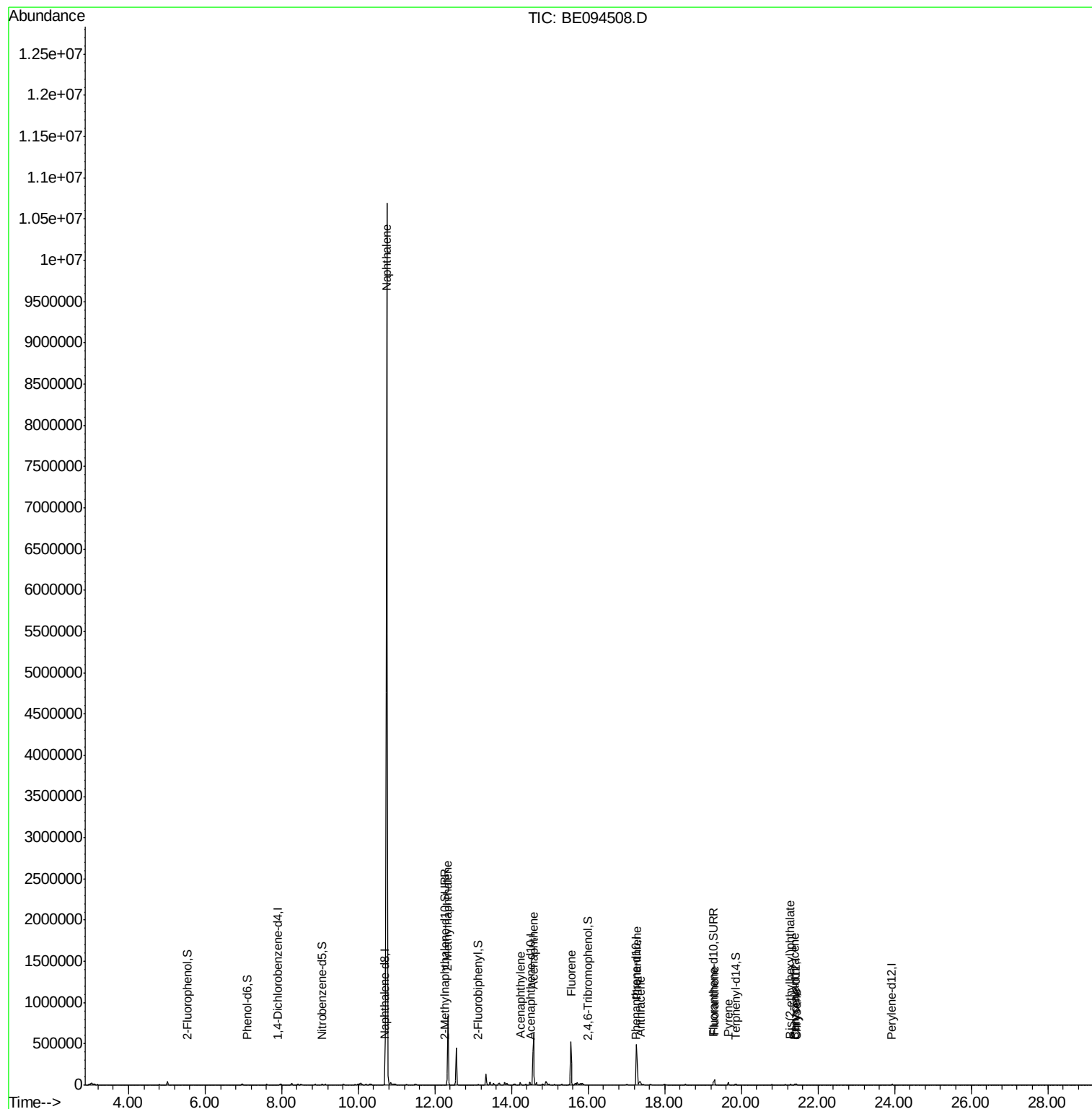
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102317\
Data File : BE094508.D
Acq On : 23 Oct 2017 22:50
Operator : SJ/JU
Sample : I5950-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

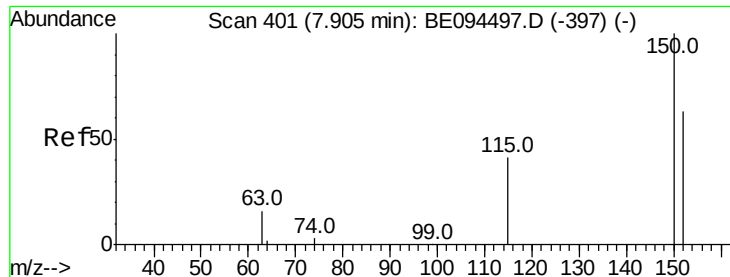
Instrument :
BNA_E
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20170725-PA-A-COMP1

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Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

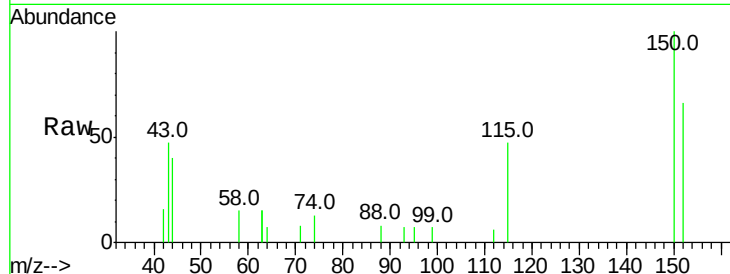
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 401
Delta R.T. -0.00 min
Lab File: BE094508.D
Acq: 23 Oct 2017 22:50

Instrument :
BNA_E
ClientSampleId :
20170725-PA-A-COMP1

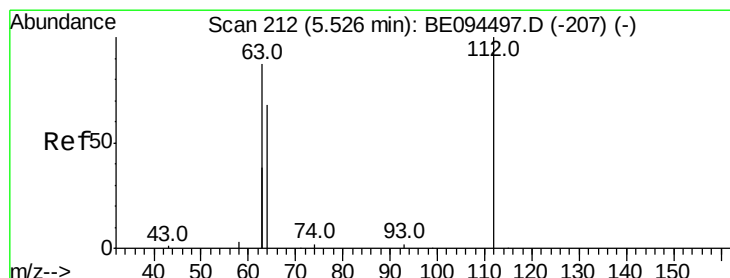
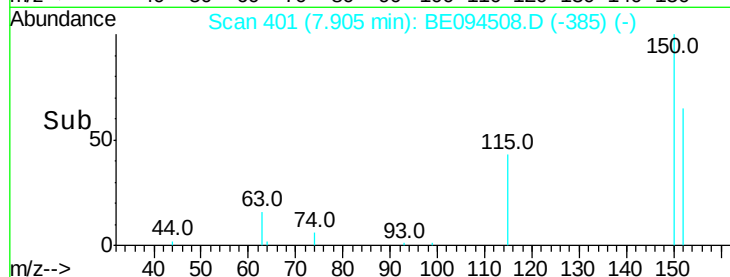
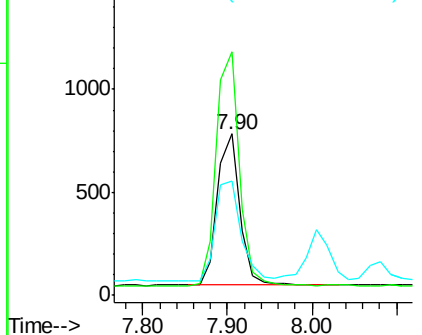
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.8	117.2	175.8
115	71.0	57.0	85.6

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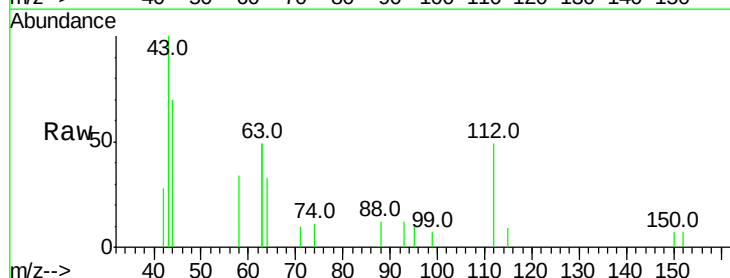
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



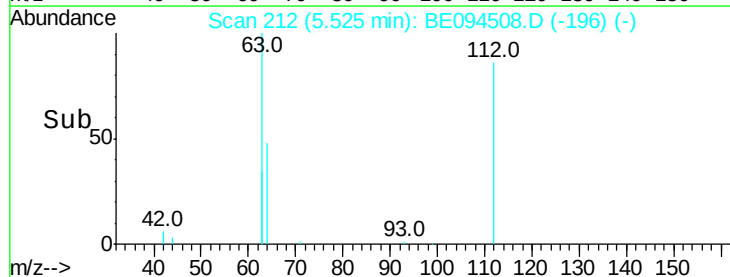
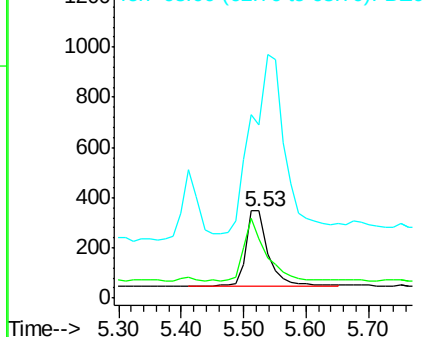
#4

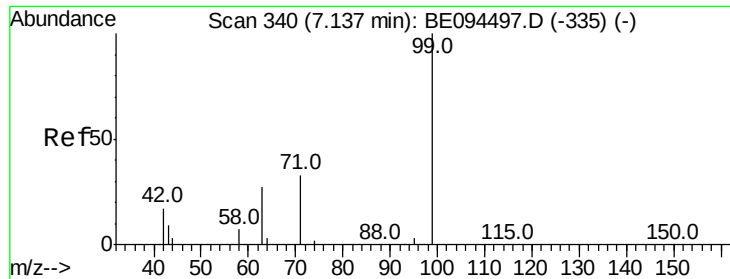
2-Fluorophenol
Concen: 0.161 ng
RT: 5.53 min Scan# 212
Delta R.T. -0.00 min
Lab File: BE094508.D
Acq: 23 Oct 2017 22:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	80.6	60.1	90.1
63	0.0	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: 0.090 ng

RT: 7.11 min Scan# 338

Delta R.T. -0.03 min

Lab File: BE094508.D

Acq: 23 Oct 2017 22:50

Instrument :

BNA_E

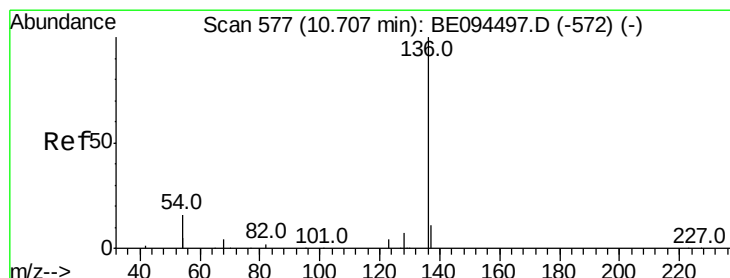
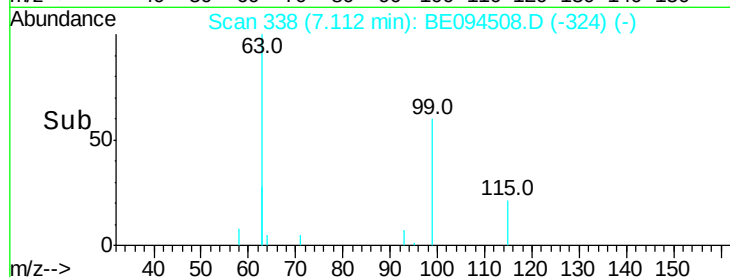
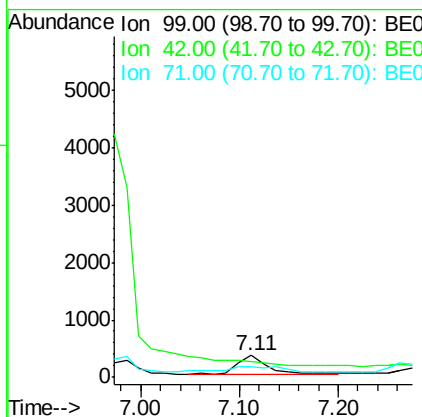
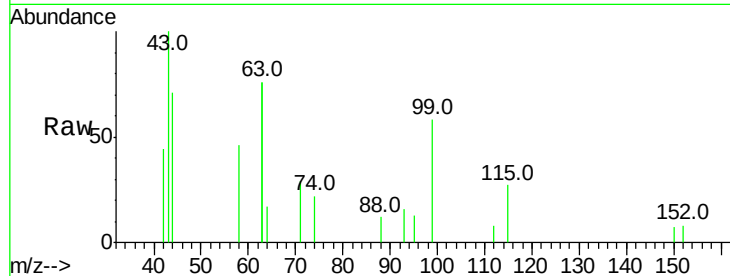
ClientSampleId :

20170725-PA-A-COMP1

Tot Ion:	99	Resp:	629
Ion	Ratio	Lower	Upper
99	100		
42	0.0	20.2	30.2#
71	68.7	28.4	42.6#

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#7

Naphthalene-d8

Concen: 0.400 ng

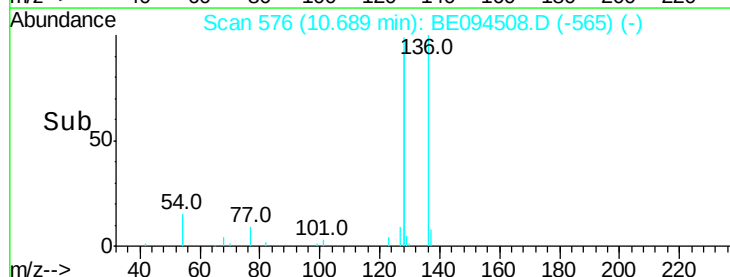
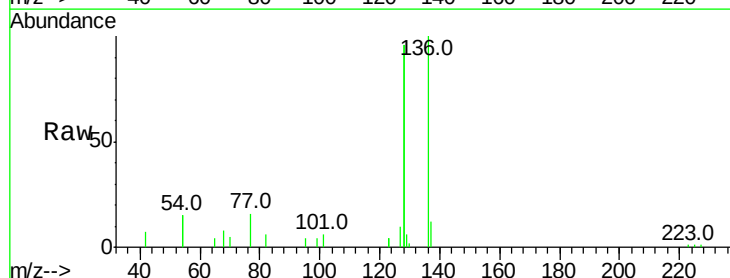
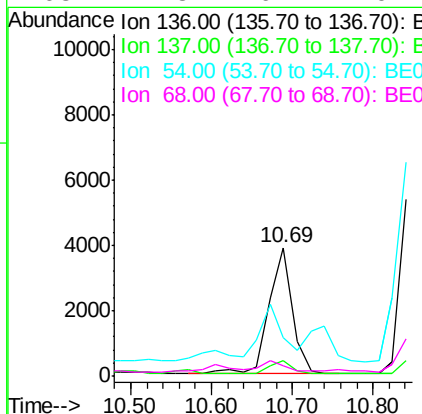
RT: 10.69 min Scan# 576

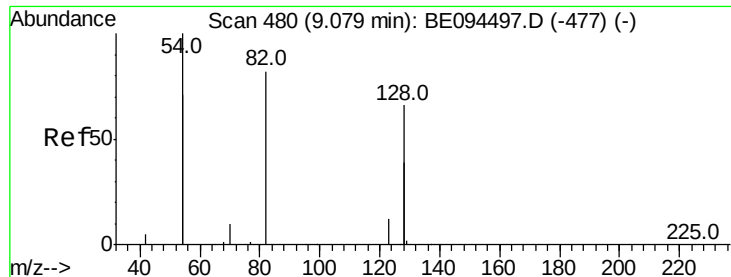
Delta R.T. -0.02 min

Lab File: BE094508.D

Acq: 23 Oct 2017 22:50

Tgt Ion:	136	Resp:	7785
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.5	14.3
54	29.7	29.1	43.7
68	7.8	6.2	9.2





#8

Nitrobenzene-d5

Concen: 0.427 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.02 min

Lab File: BE094508.D

Acq: 23 Oct 2017 22:50

Instrument :

BNA_E

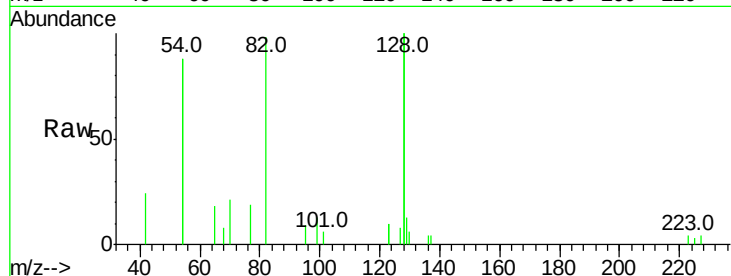
ClientSampleId :

20170725-PA-A-COMP1

Tot Ion:	82	Resp:	2654
Ion Ratio	Lower	Upper	
82	100		
128	203.1	150.0	225.0
54	179.4	154.2	231.4

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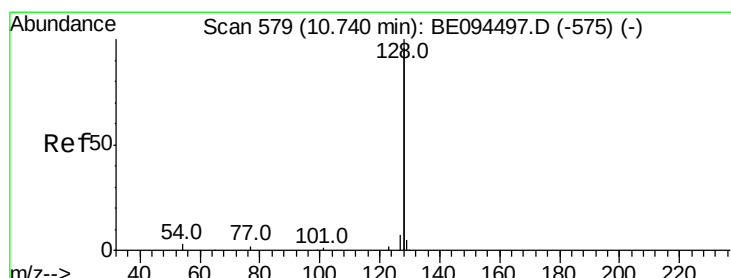
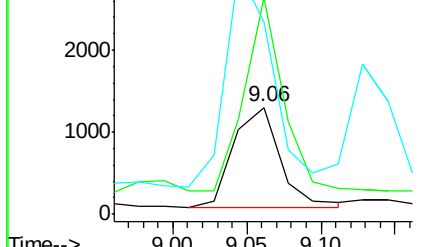
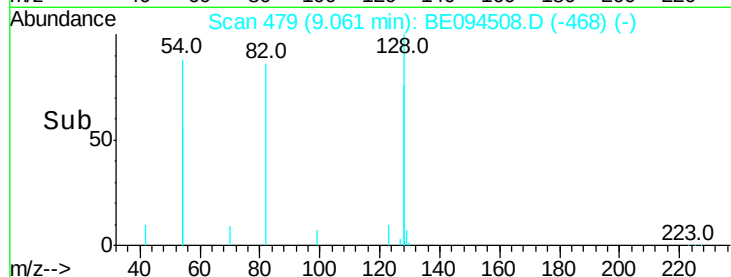


Abundance Ion 82.00 (81.70 to 82.70): BE094497.D (-477) (-)

Ion 128.00 (127.70 to 128.70): BE094497.D (-477) (-)

Ion 54.00 (53.70 to 54.70): BE094497.D (-477) (-)

Time-->



#9

Naphthalene

Concen: 227.622 ng

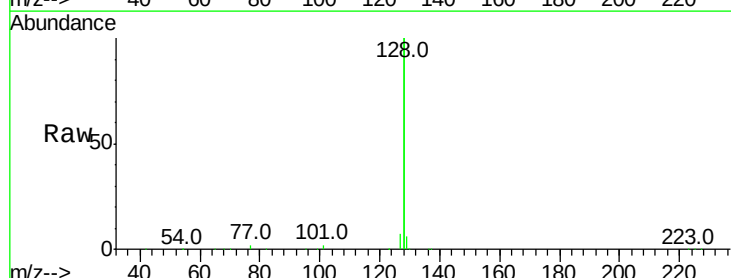
RT: 10.74 min Scan# 579

Delta R.T. -0.00 min

Lab File: BE094508.D

Acq: 23 Oct 2017 22:50

Tgt Ion:	128	Resp:	20055750
Ion Ratio	Lower	Upper	
128	100		
129	2.9	2.6	3.8
127	3.6	2.8	4.2

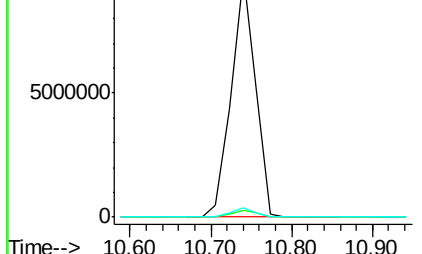
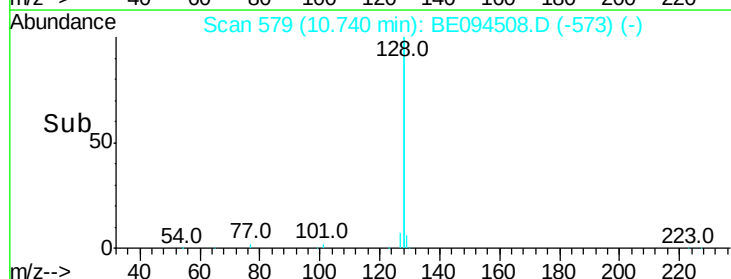


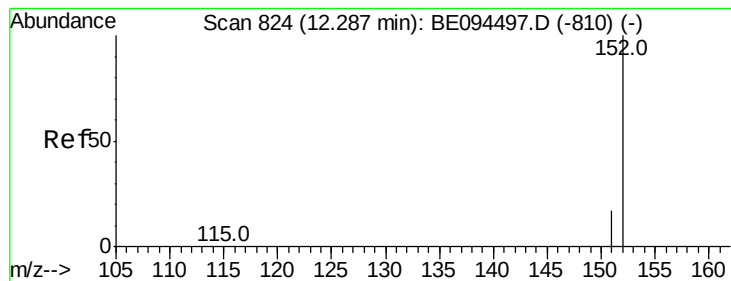
Abundance Ion 128.00 (127.70 to 128.70): BE094497.D (-575) (-)

Ion 129.00 (128.70 to 129.70): BE094497.D (-575) (-)

Ion 127.00 (126.70 to 127.70): BE094497.D (-575) (-)

Time-->





#11

2-Methylnaphthalene-d10

Concen: 0.375 ng

RT: 12.27 min Scan# 818

Delta R.T. -0.02 min

Lab File: BE094508.D

Acq: 23 Oct 2017 22:50

Instrument :

BNA_E

ClientSampleId :

20170725-PA-A-COMP1

Tot Ion:152 Resp: 4684

Ion Ratio Lower Upper

152 100

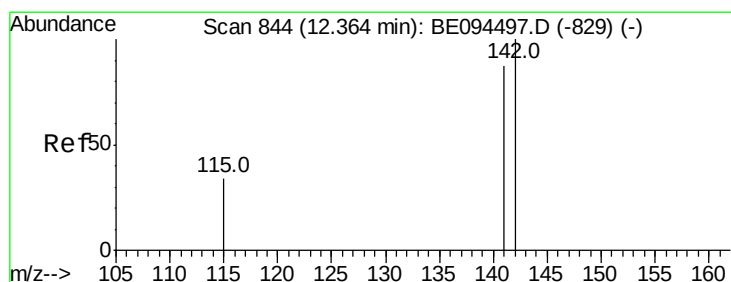
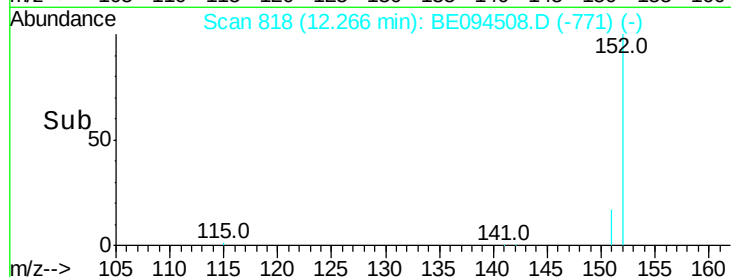
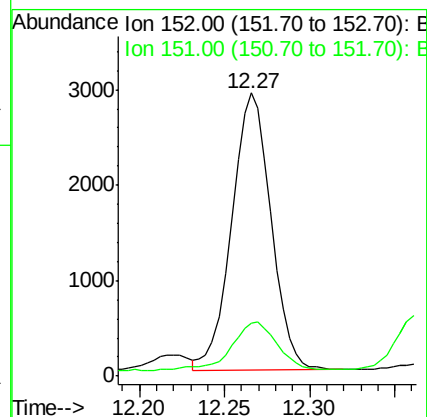
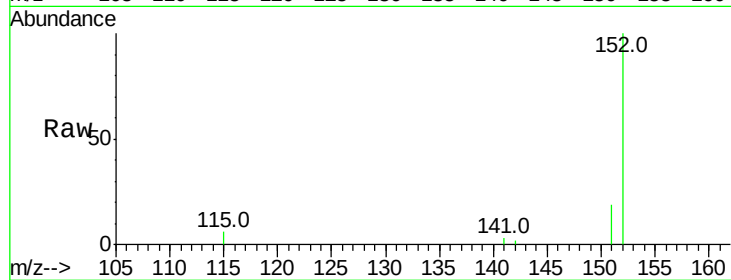
151 20.7 15.4 23.0

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#12

2-Methylnaphthalene

Concen: 39.858 ng

RT: 12.34 min Scan# 837

Delta R.T. -0.03 min

Lab File: BE094508.D

Acq: 23 Oct 2017 22:50

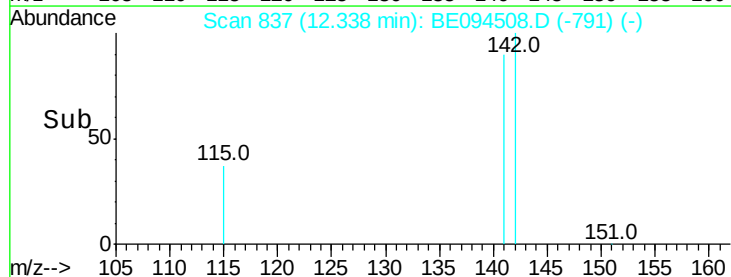
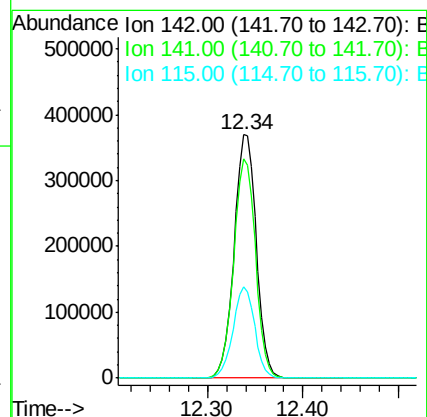
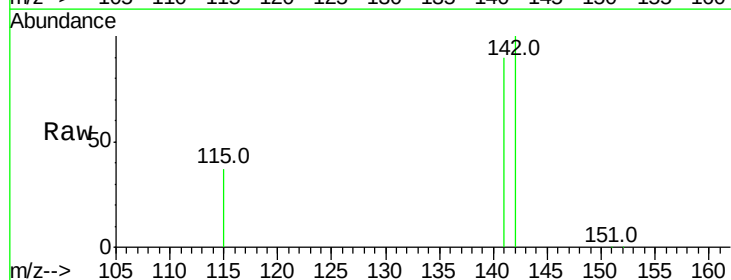
Tgt Ion:142 Resp: 595830

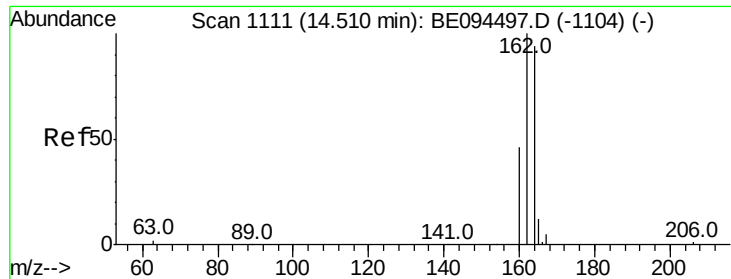
Ion Ratio Lower Upper

142 100

141 90.3 70.4 105.6

115 37.4 31.7 47.5





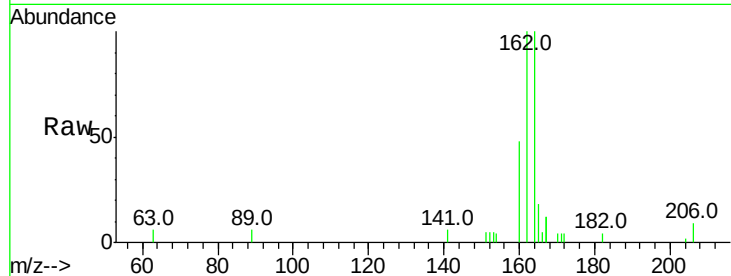
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.51 min Scan# 1111
 Delta R.T. 0.00 min
 Lab File: BE094508.D
 Acq: 23 Oct 2017 22:50

Instrument :
 BNA_E
 ClientSampleId :
 20170725-PA-A-COMP1

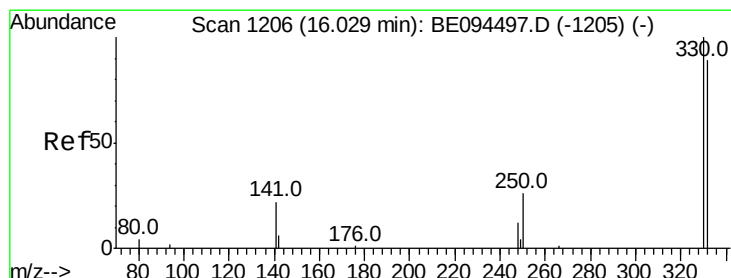
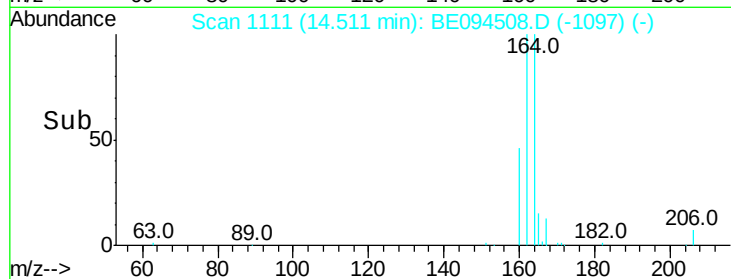
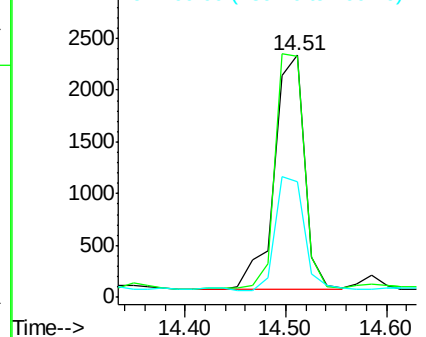
Tot Ion	Ratio	Lower	Upper
164	100		
162	99.7	83.1	124.7
160	47.6	37.1	55.7

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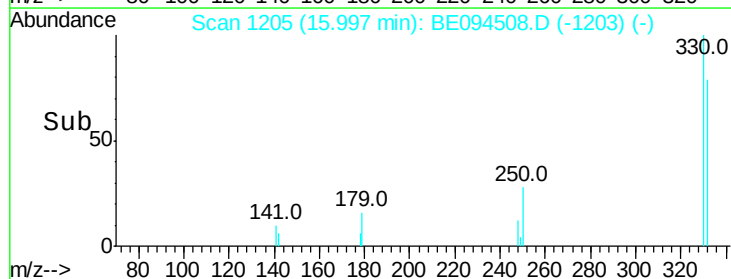
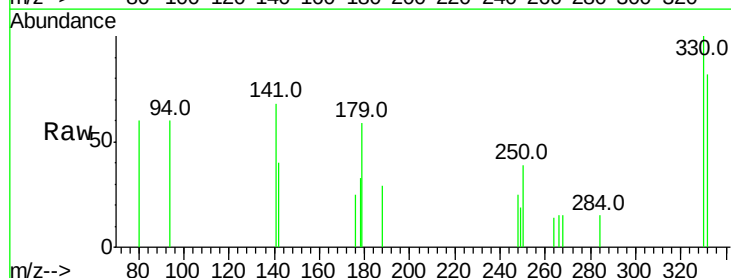
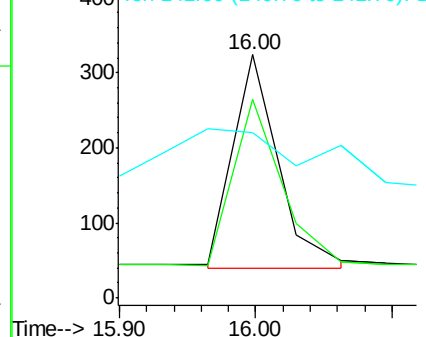
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

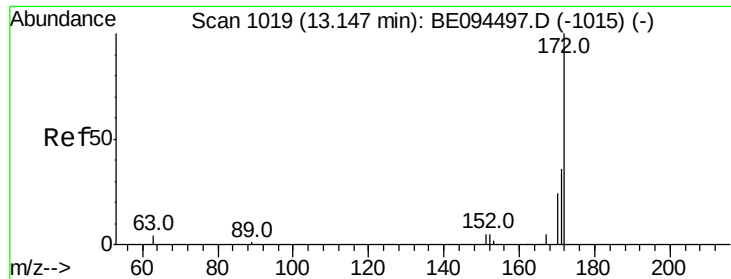


#14
 2,4,6-Tribromophenol
 Concen: 0.499 ng m
 RT: 16.00 min Scan# 1205
 Delta R.T. -0.03 min
 Lab File: BE094508.D
 Acq: 23 Oct 2017 22:50

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	152.7	229.1#
141	0.0	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





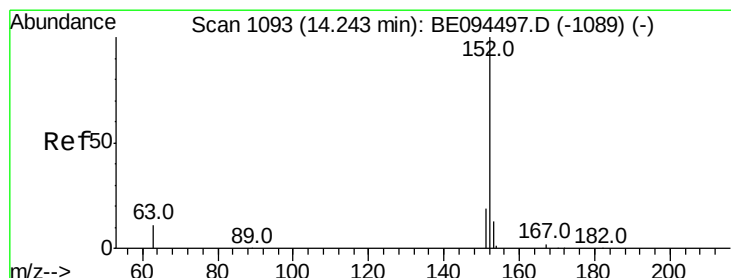
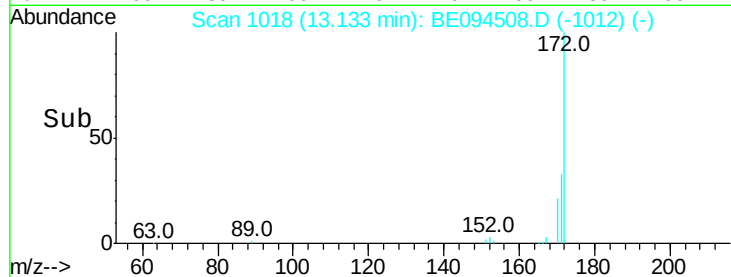
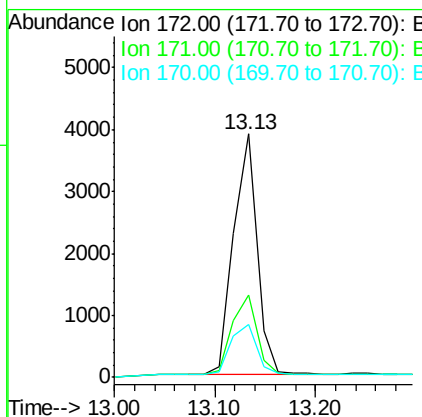
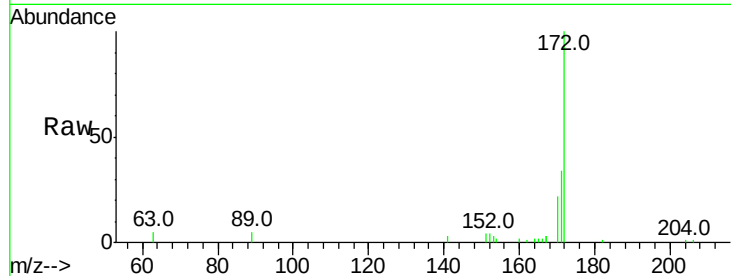
#15
2-Fluorobiphenyl
Concen: 0.371 ng
RT: 13.13 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE094508.D
Acq: 23 Oct 2017 22:50

Instrument :
BNA_E
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20170725-PA-A-COMP1

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.9	29.9	44.9
170	22.0	21.8	32.8

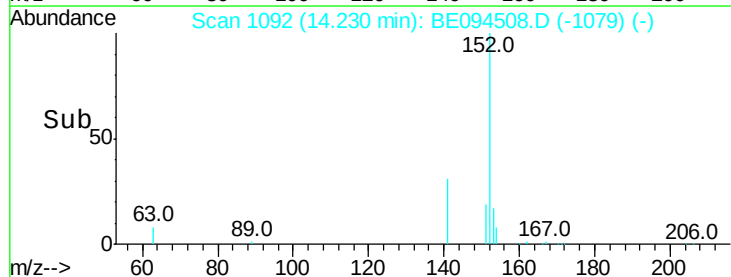
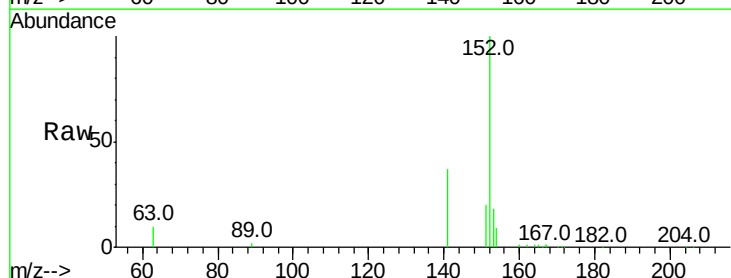
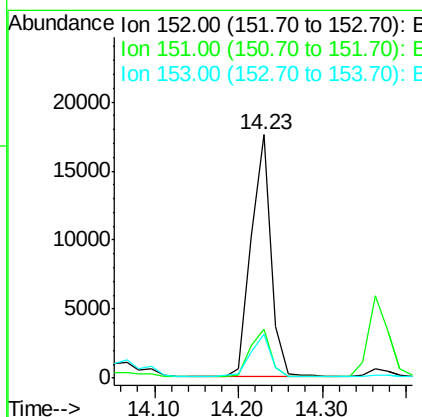
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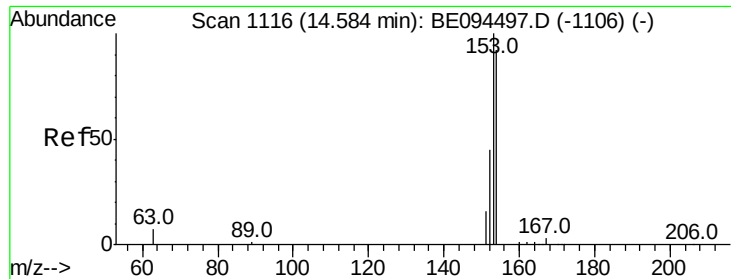
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#16
Acenaphthylene
Concen: 1.140 ng
RT: 14.23 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BE094508.D
Acq: 23 Oct 2017 22:50

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.7	23.5
153	18.0	10.5	15.7#





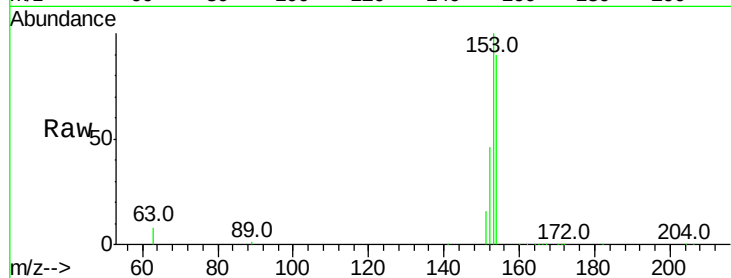
#17
Acenaphthene
Concen: 21.158 ng
RT: 14.57 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BE094508.D
Acq: 23 Oct 2017 22:50

Instrument :
BNA_E
ClientSampleId :
20170725-PA-A-COMP1

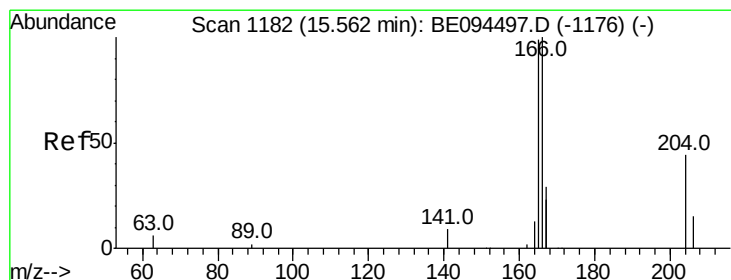
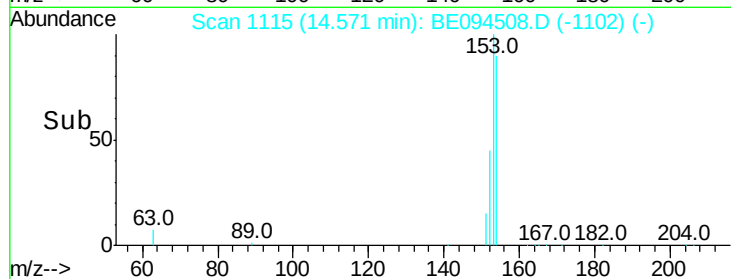
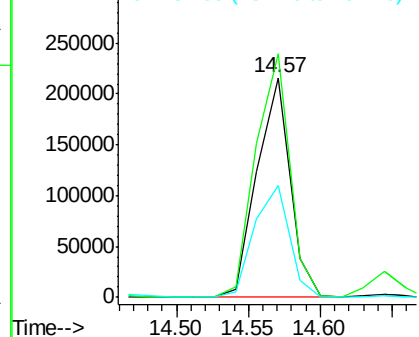
Tot Ion	Ratio	Lower	Upper
154	100		
153	114.1	89.2	133.8
152	54.0	42.0	63.0

Manual Integrations
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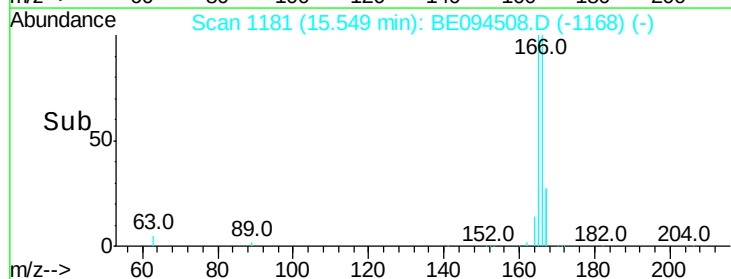
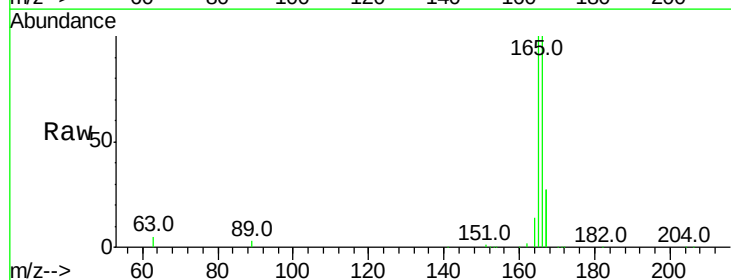
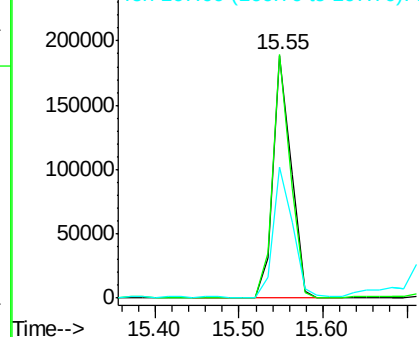
Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

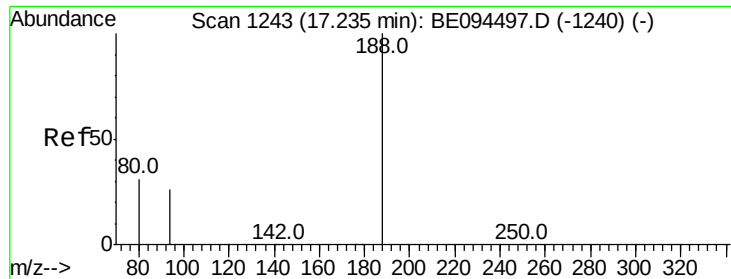


#18
Fluorene
Concen: 13.725 ng
RT: 15.55 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BE094508.D
Acq: 23 Oct 2017 22:50

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	77.8	116.6
167	57.1	42.4	63.6

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





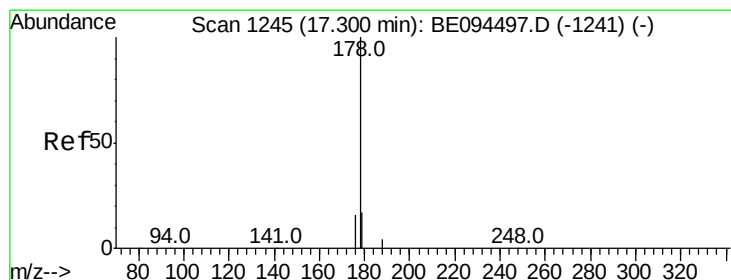
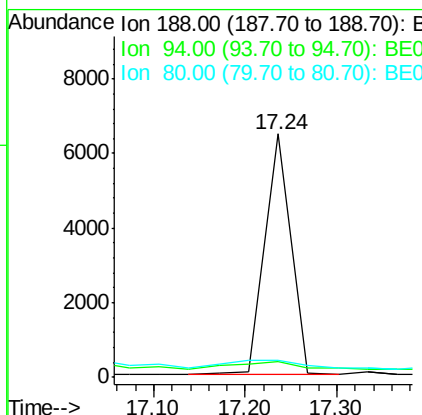
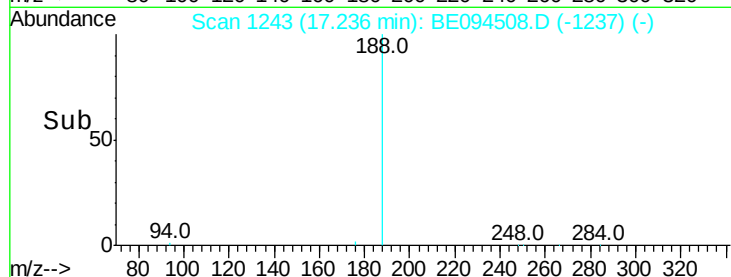
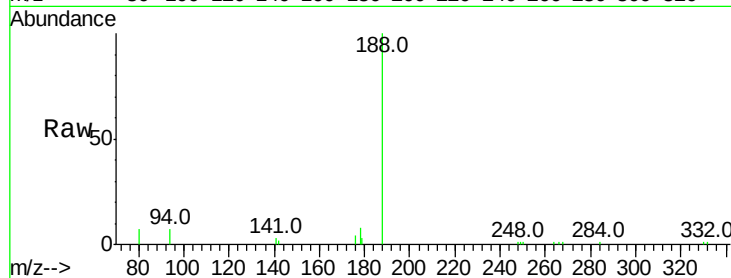
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE094508.D
Acq: 23 Oct 2017 22:50

Instrument :
BNA_E
ClientSampleId :
20170725-PA-A-COMP1

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	6.6	3.9	5.9#
80	6.8	3.6	5.4#

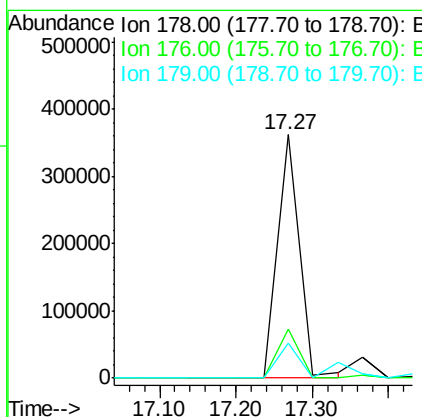
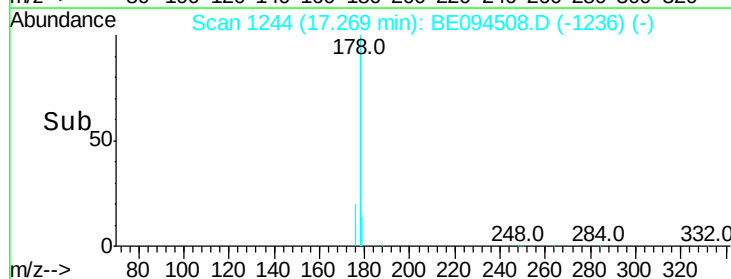
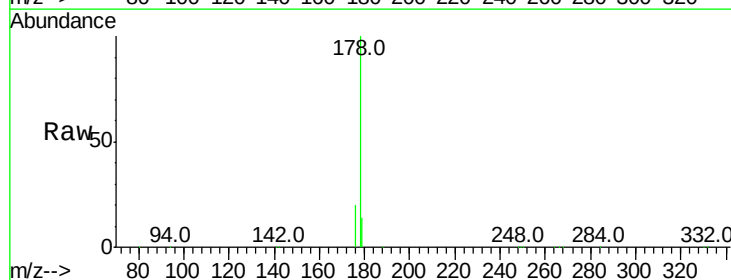
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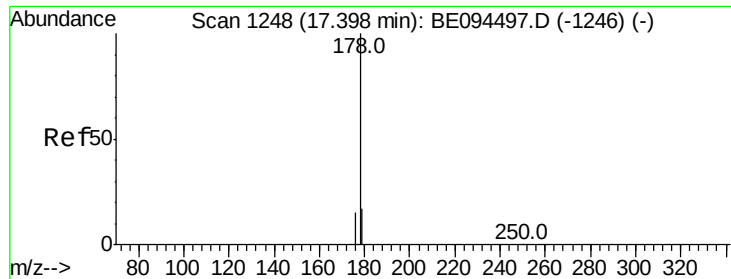
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#23
Phenanthrene
Concen: 25.032 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.03 min
Lab File: BE094508.D
Acq: 23 Oct 2017 22:50

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.8	15.1	22.7
179	23.2	11.8	17.6#





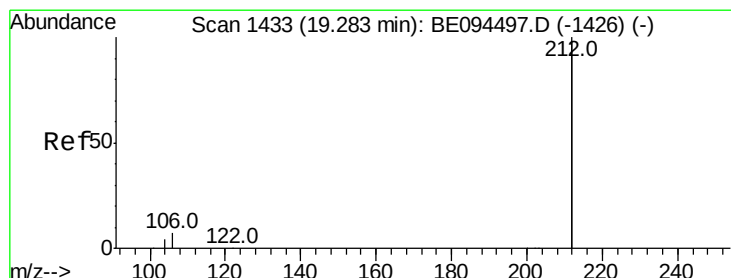
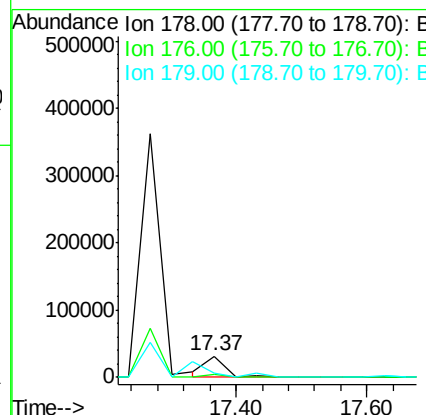
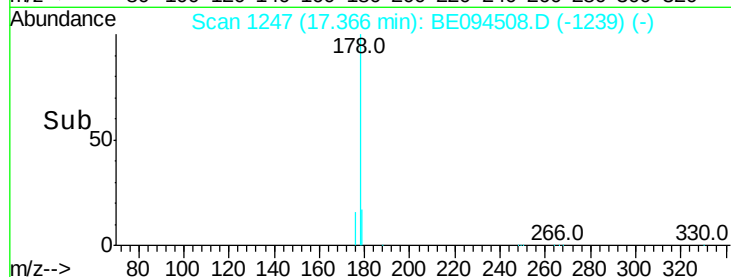
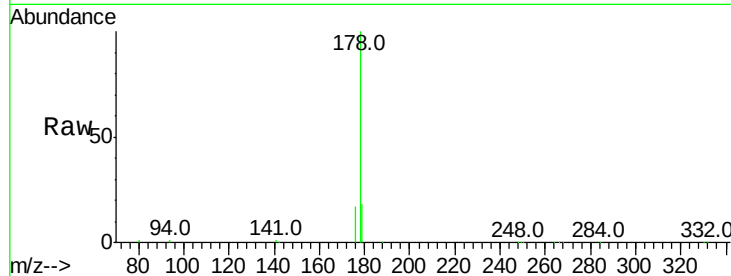
#24
 Anthracene
 Concen: 1.746 ng
 RT: 17.37 min Scan# 1247
 Delta R.T. -0.03 min
 Lab File: BE094508.D
 Acq: 23 Oct 2017 22:50

Instrument :
 BNA_E
 ClientSampleId :
 20170725-PA-A-COMP1

Tot Ion	Ratio	Lower	Upper
178	100		
176	15.9	12.8	19.2
179	0.0	13.0	19.6#

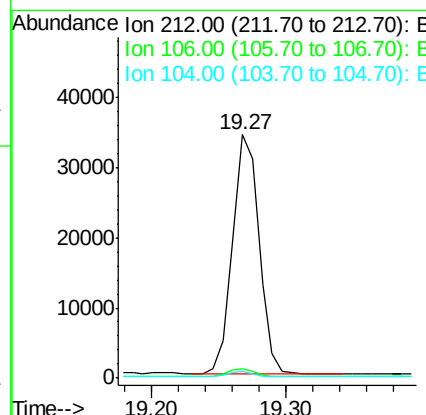
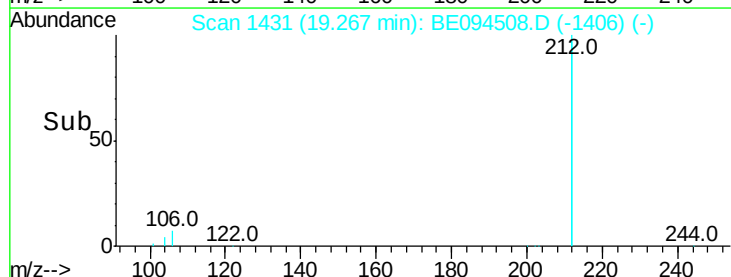
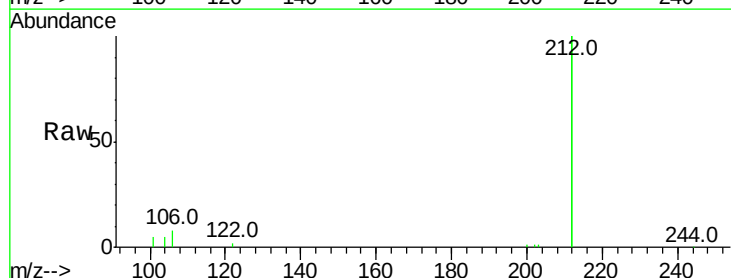
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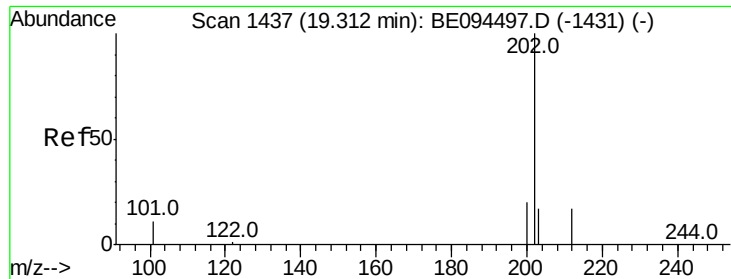
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#25
 Fluoranthene-d10
 Concen: 0.271 ng
 RT: 19.27 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BE094508.D
 Acq: 23 Oct 2017 22:50

Tgt Ion	Ratio	Lower	Upper
212	100		
106	4.0	2.8	4.2
104	2.5	1.6	2.4#





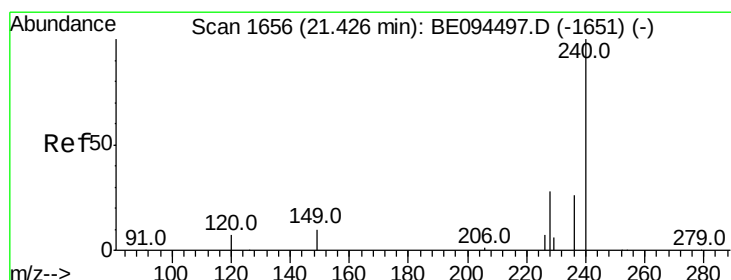
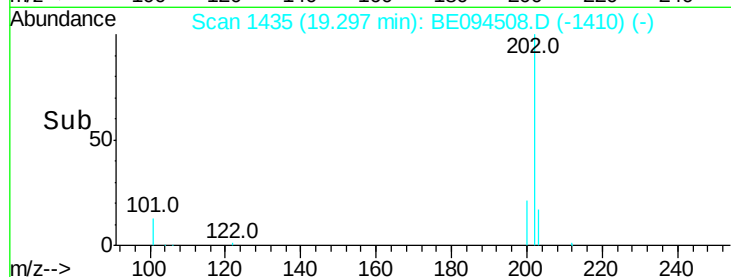
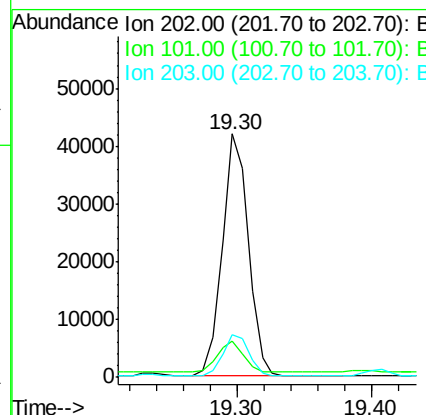
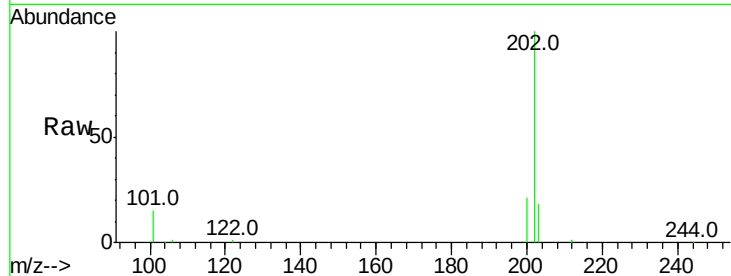
#26
 Fluoranthene
 Concen: 1.457 ng
 RT: 19.30 min Scan# 1435
 Delta R.T. -0.02 min
 Lab File: BE094508.D
 Acq: 23 Oct 2017 22:50

Instrument :
 BNA_E
 ClientSampleId :
 20170725-PA-A-COMP1

Tot Ion	Ratio	Resp	Lower	Upper
202	100	56783		
101	12.9		9.8	14.8
203	17.4		13.7	20.5

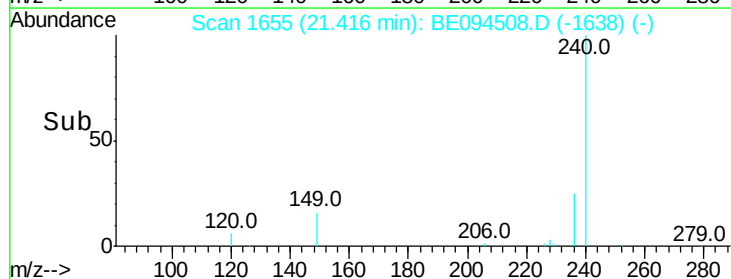
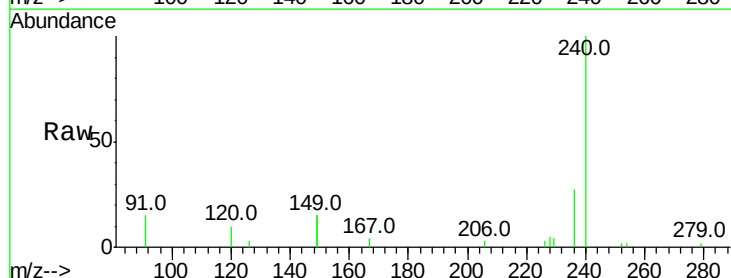
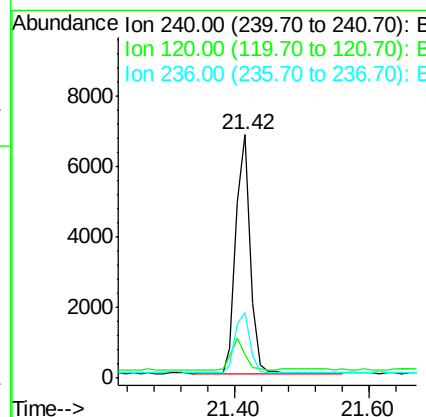
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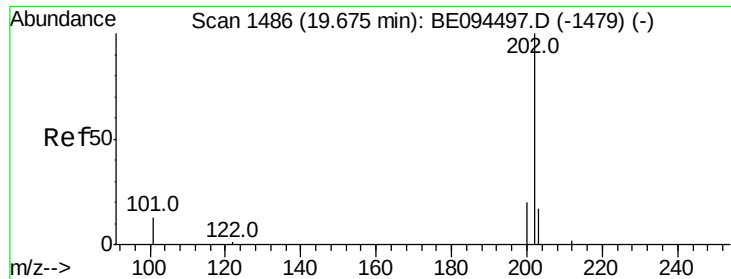
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#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.42 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BE094508.D
 Acq: 23 Oct 2017 22:50

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	9902		
120	9.8		5.5	8.3#
236	26.9		20.7	31.1





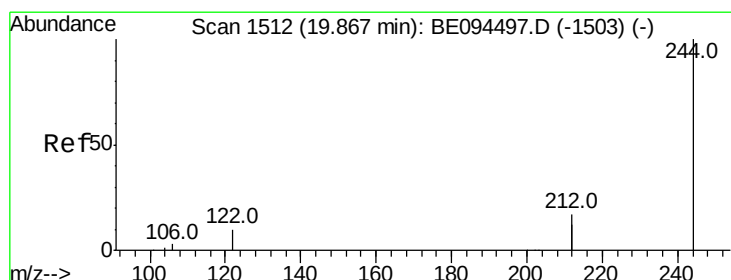
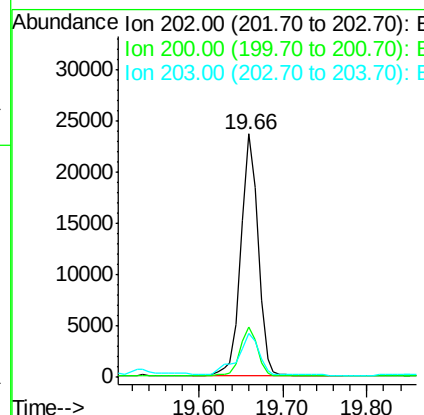
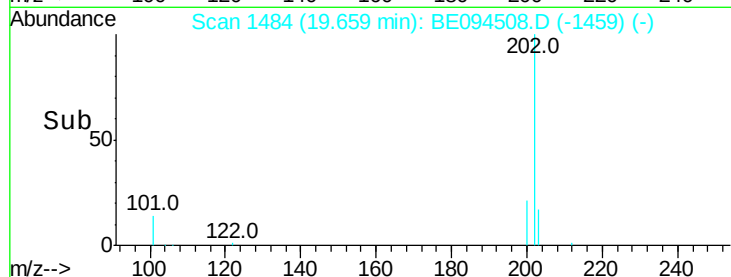
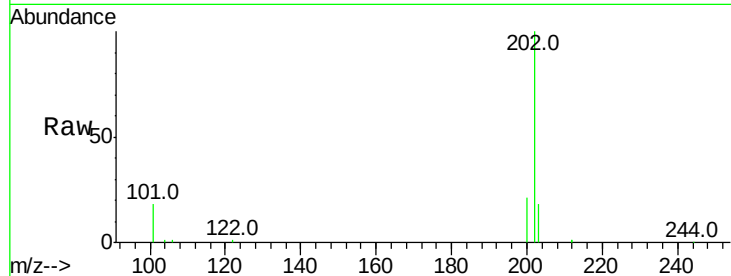
#28
Pvrene
Concen: 0.954 ng
RT: 19.66 min Scan# 1484
Delta R.T. -0.02 min
Lab File: BE094508.D
Acq: 23 Oct 2017 22:50

Instrument :
BNA_E
ClientSampleId :
20170725-PA-A-COMP1

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.6	16.6	25.0
203	21.5	13.8	20.8

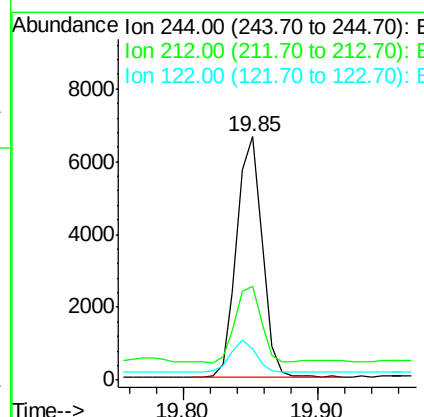
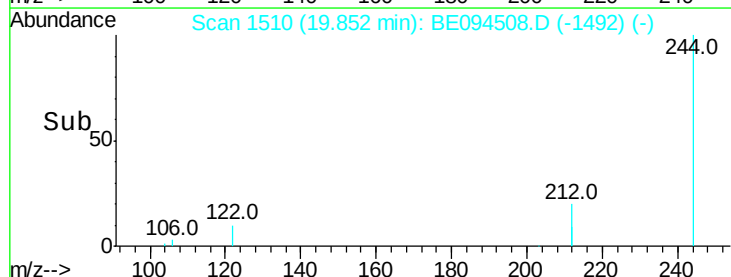
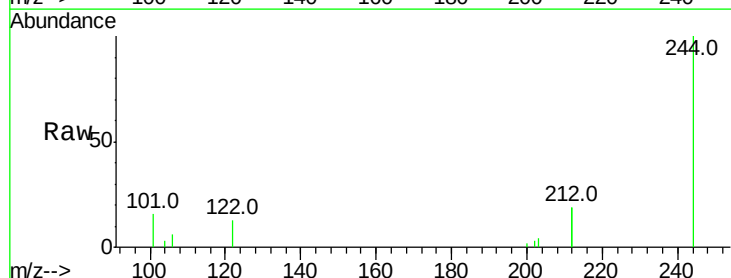
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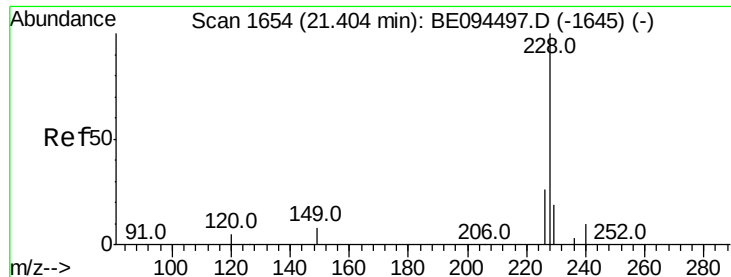
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#29
Terphenyl-d14
Concen: 0.467 ng
RT: 19.85 min Scan# 1510
Delta R.T. -0.02 min
Lab File: BE094508.D
Acq: 23 Oct 2017 22:50

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	38.5	25.4	38.0
122	12.8	8.1	12.1





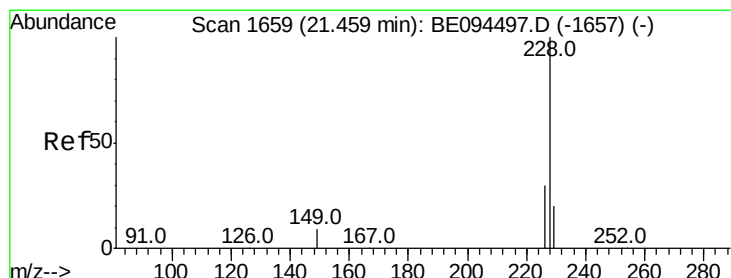
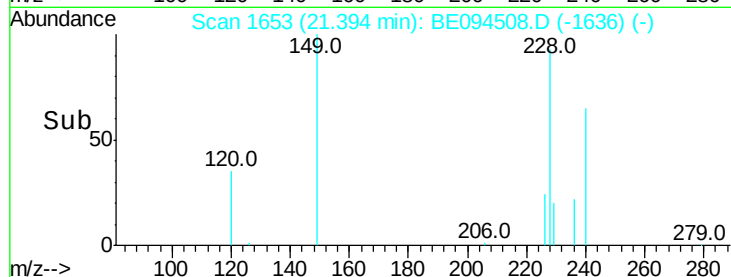
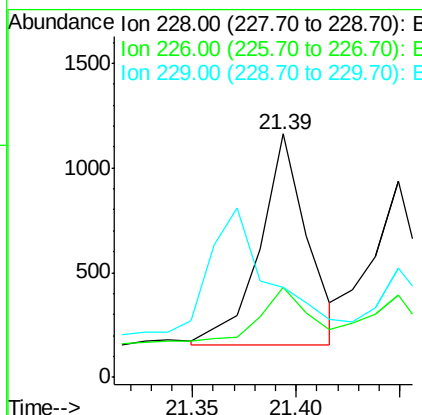
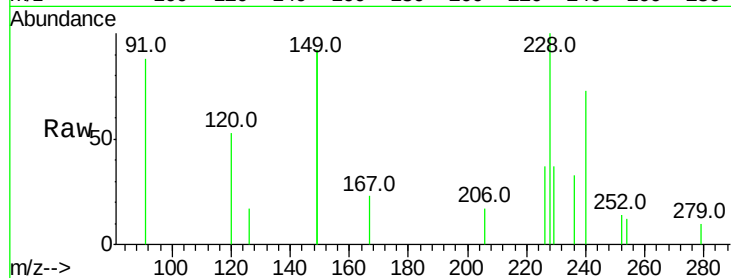
#30
Benzo(a)anthracene
Concen: 0.050 ng m
RT: 21.39 min Scan# 1653
Delta R.T. -0.01 min
Lab File: BE094508.D
Acq: 23 Oct 2017 22:50

Instrument :
BNA_E
ClientSampleId :
20170725-PA-A-COMP1

Tot Ion	Ratio	Lower	Upper
228	100		
226	37.1	40.0	60.0#
229	37.1	40.0	60.0#

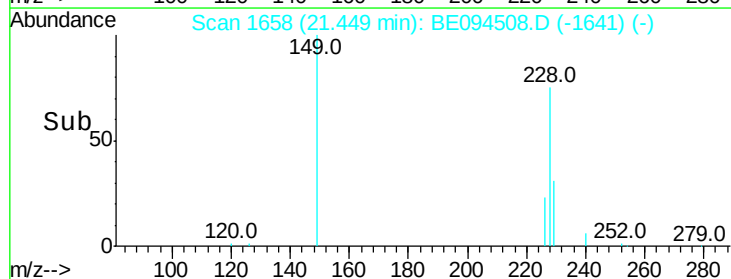
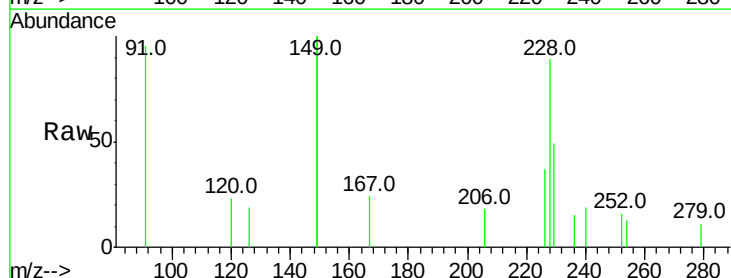
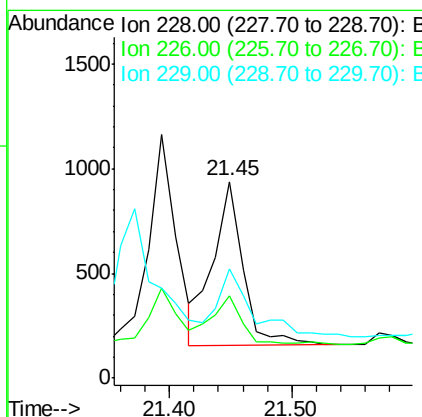
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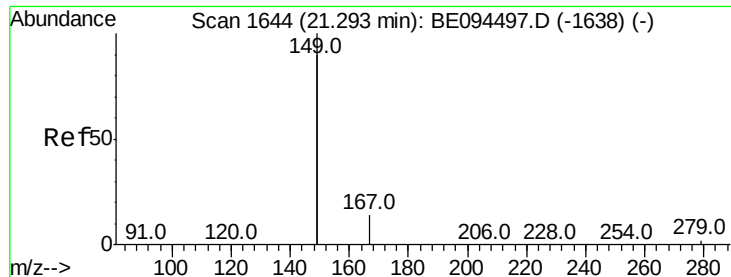
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#31
Chrysene
Concen: 0.041 ng
RT: 21.45 min Scan# 1658
Delta R.T. -0.01 min
Lab File: BE094508.D
Acq: 23 Oct 2017 22:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	42.0	40.0	60.0
229	55.4	40.0	60.0





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.127 ng

RT: 21.28 min Scan# 1643

Delta R.T. -0.01 min

Lab File: BE094508.D

Acq: 23 Oct 2017 22:50

Instrument :

BNA_E

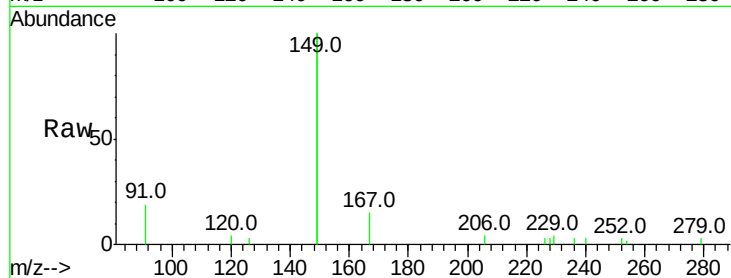
ClientSampleId :

20170725-PA-A-COMP1

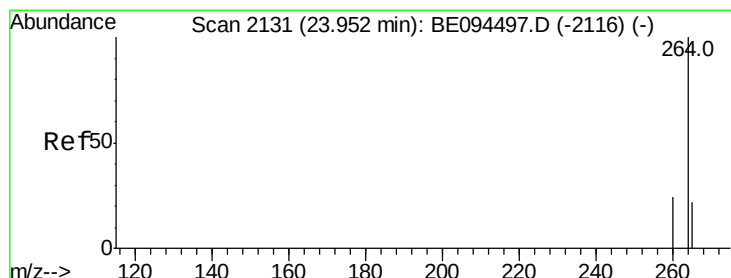
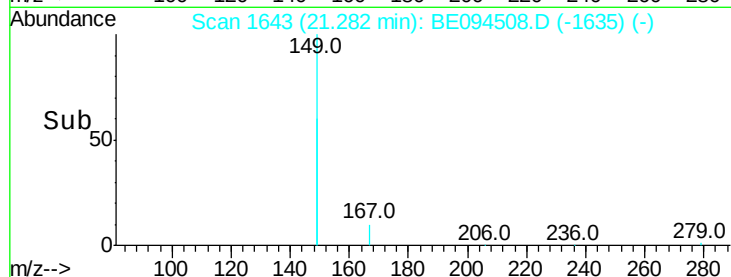
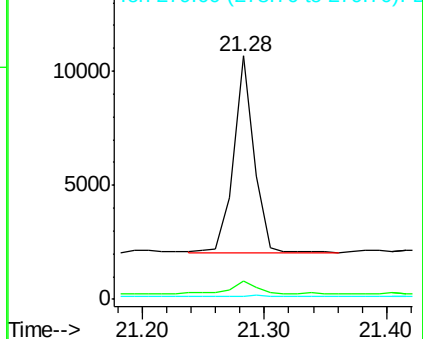
Tot Ion:	149	Resp:	10002
Ion Ratio	Lower	Upper	
149	100		
167	7.1	5.4	8.0
279	1.6	0.7	1.1#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.93 min Scan# 2127

Delta R.T. -0.02 min

Lab File: BE094508.D

Acq: 23 Oct 2017 22:50

Tgt Ion:	264	Resp:	9601
Ion Ratio	Lower	Upper	
264	100		
260	26.0	20.5	30.7
265	29.9	22.8	34.2

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

