

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102317\
 Data File : BE094506.D
 Acq On : 23 Oct 2017 21:35
 Operator : SJ/JU
 Sample : I5950-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 20170723-C-A-COMP2

Manual Integrations
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Quant Time: Oct 23 22:53:34 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 19:31:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1304	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	7214	0.40	ng	-0.02
13) Acenaphthene-d10	14.51	164	4337	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	12881	0.40	ng	0.00
27) Chrysene-d12	21.42	240	9790	0.40	ng	-0.01
34) Perylene-d12	23.93	264	9168	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	902	0.20	ng	0.00
5) Phenol-d6	7.11	99	825	0.12	ng	-0.03
8) Nitrobenzene-d5	9.06	82	2859	0.50	ng	-0.02
11) 2-Methylnaphthalene-d10	12.27	152	4999	0.43	ng	-0.02
14) 2,4,6-Tribromophenol	16.00	330	698m	0.58	ng	-0.03
15) 2-Fluorobiphenyl	13.13	172	6765	0.44	ng	-0.01
25) Fluoranthene-d10	19.27	212	51566	0.31	ng	-0.01
29) Terphenyl-d14	19.85	244	9379	0.51	ng	-0.02
Target Compounds						Qvalue
9) Naphthalene	10.74	128	268092	3.284	ng	99
12) 2-Methylnaphthalene	12.34	142	21744	1.570	ng	97
16) Acenaphthylene	14.23	152	3064	0.134	ng	# 76
17) Acenaphthene	14.57	154	17769	1.208	ng	98
18) Fluorene	15.55	166	19842	1.053	ng	# 90
23) Phenanthrene	17.27	178	88314	2.954	ng	# 91
24) Anthracene	17.37	178	9738	0.257	ng	# 81
26) Fluoranthene	19.30	202	12301	0.222	ng	97
28) Pyrene	19.66	202	9678	0.283	ng	# 96
32) Bis(2-ethylhexyl)phthalate	21.28	149	5026	0.064	ng	# 95

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

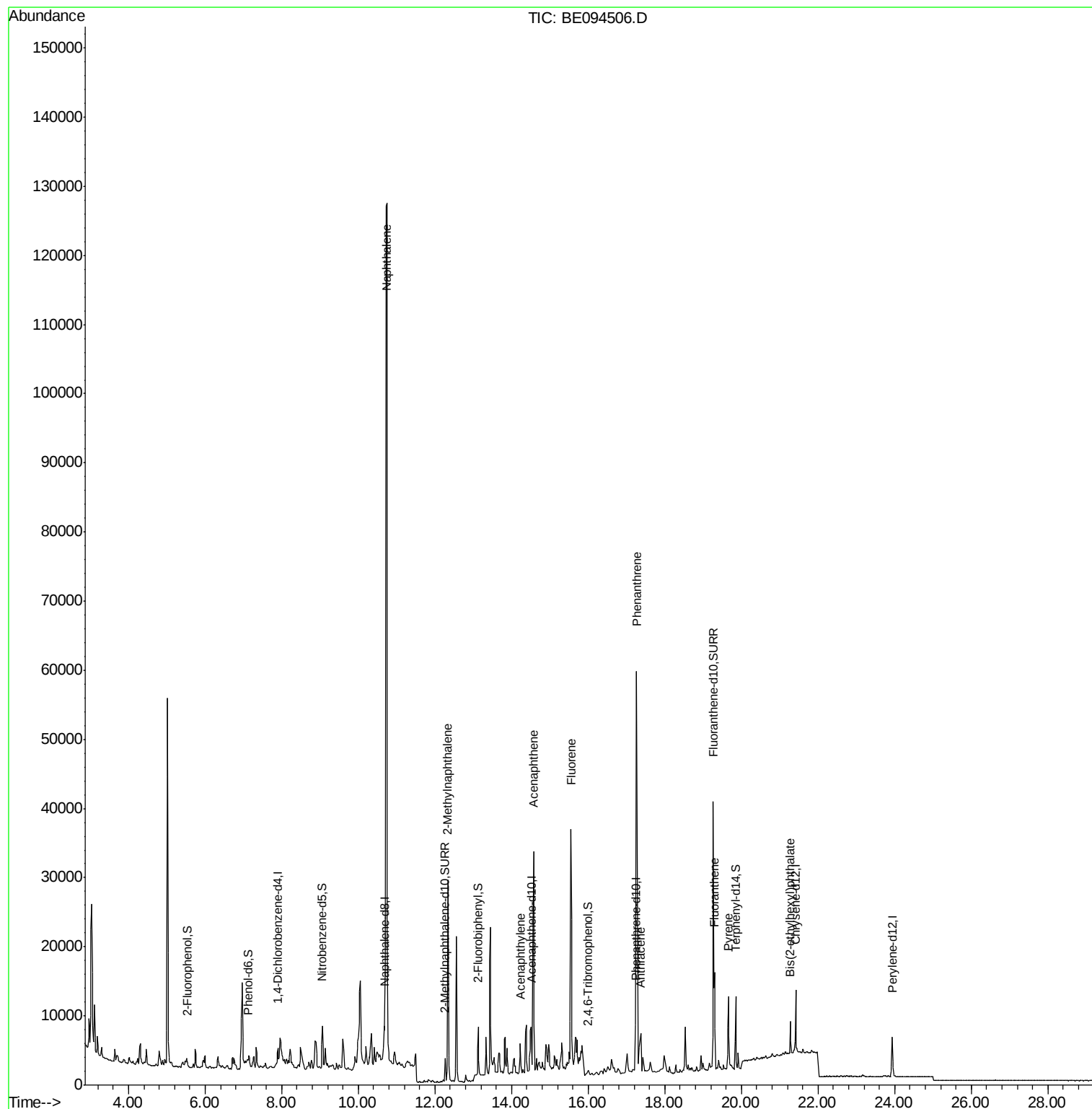
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102317\
Data File : BE094506.D
Acq On : 23 Oct 2017 21:35
Operator : SJ/JU
Sample : I5950-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

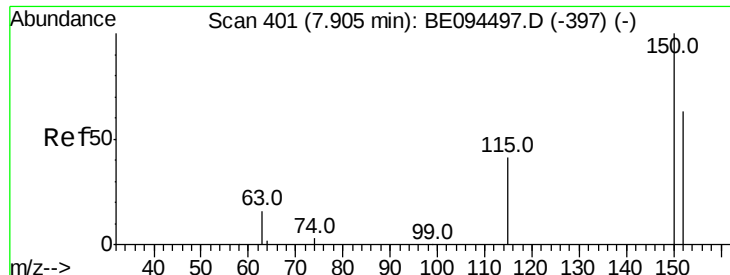
Instrument :
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Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE102317.M
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QLast Update : Mon Oct 23 19:31:26 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.90 min Scan# 401

Delta R.T. -0.00 min

Lab File: BE094506.D

Acq: 23 Oct 2017 21:35

Instrument :

BNA_E

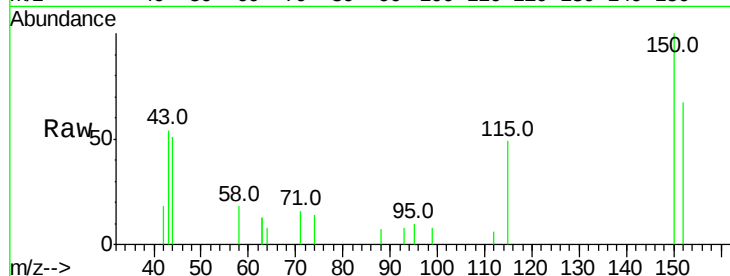
ClientSampleId :

20170723-C-A-COMP2

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.1	117.2	175.8
115	73.5	57.0	85.6

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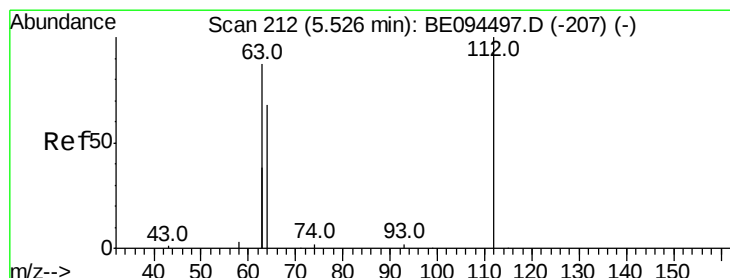
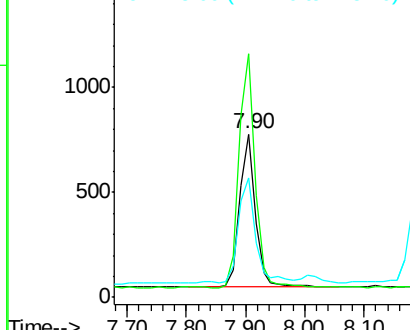
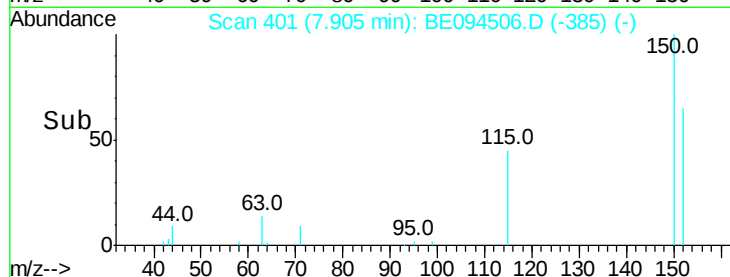


Abundance

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: 0.202 ng

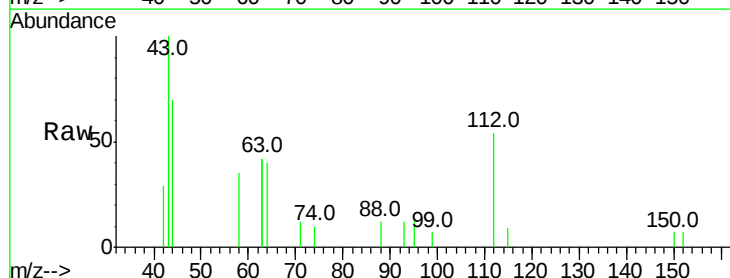
RT: 5.53 min Scan# 212

Delta R.T. -0.00 min

Lab File: BE094506.D

Acq: 23 Oct 2017 21:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.4	60.1	90.1
63	163.5	116.8	175.2

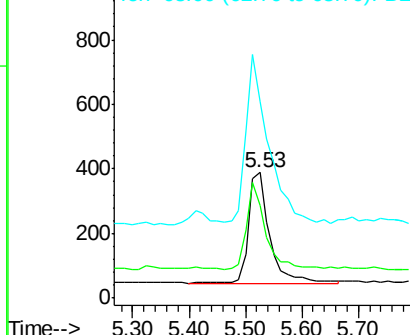
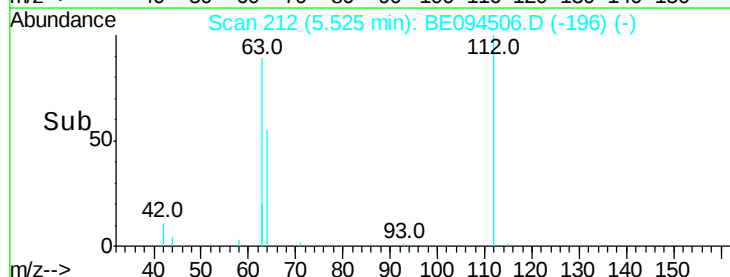


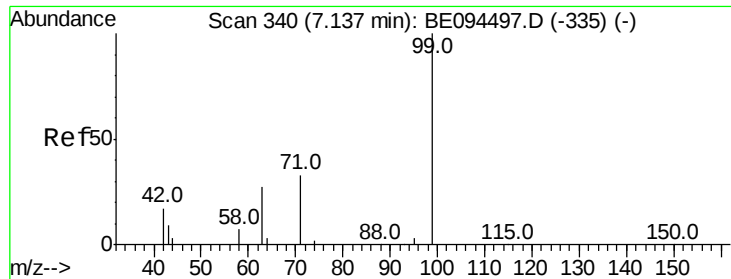
Abundance

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: 0.122 ng

RT: 7.11 min Scan# 338

Delta R.T. -0.03 min

Lab File: BE094506.D

Acq: 23 Oct 2017 21:35

Instrument :

BNA_E

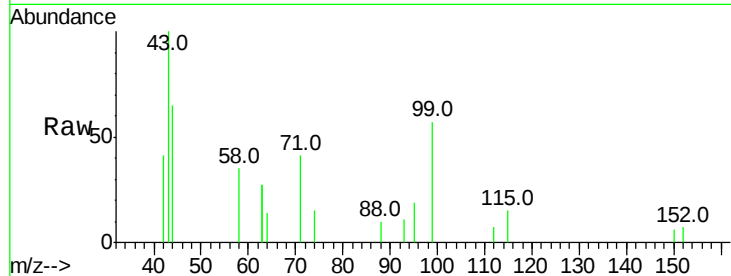
ClientSampleId :

20170723-C-A-COMP2

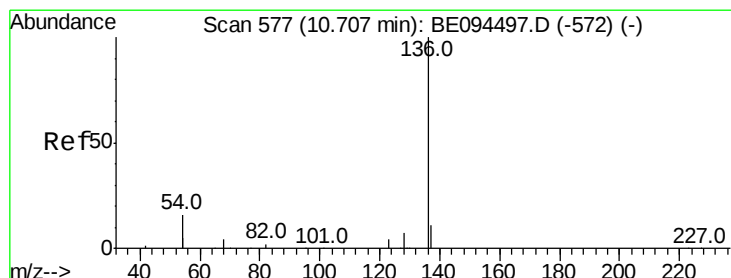
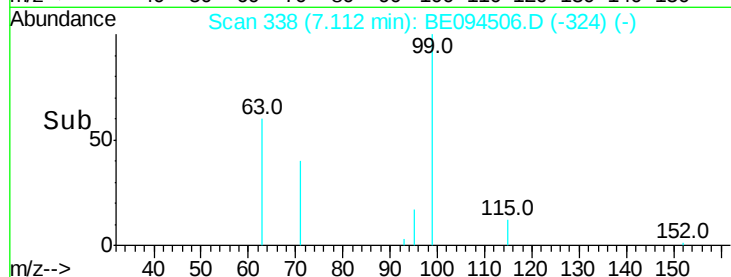
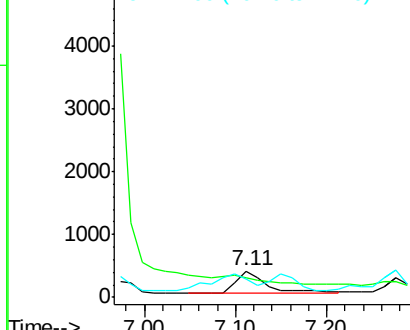
Tot Ion	Ratio	Lower	Upper
99	100		
42	0.0	20.2	30.2#
71	100.2	28.4	42.6#

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Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 576

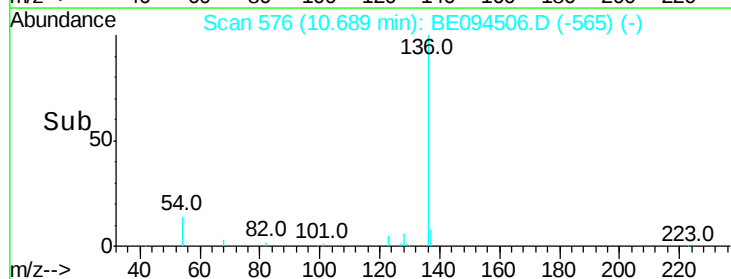
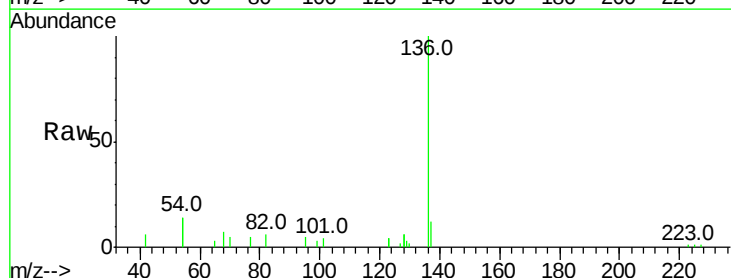
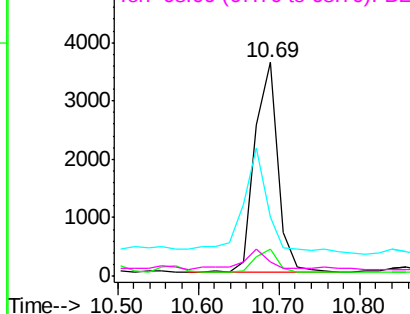
Delta R.T. -0.02 min

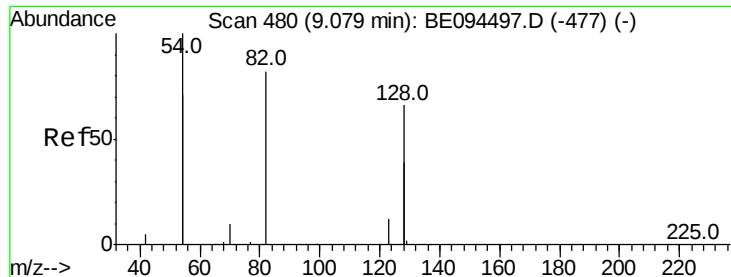
Lab File: BE094506.D

Acq: 23 Oct 2017 21:35

Tgt Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.5	14.3
54	27.7	29.1	43.7#
68	6.8	6.2	9.2

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BE0
Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 0.496 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.02 min

Lab File: BE094506.D

Acq: 23 Oct 2017 21:35

Instrument :

BNA_E

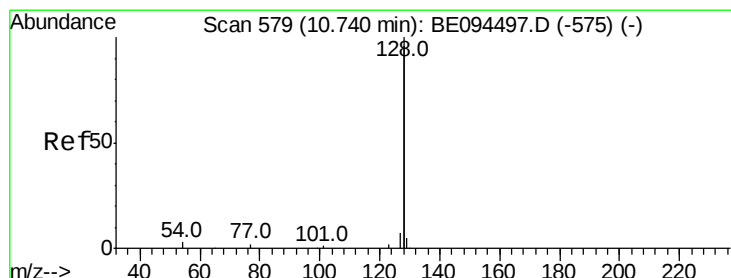
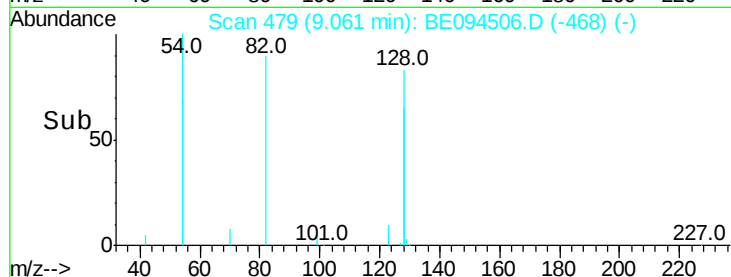
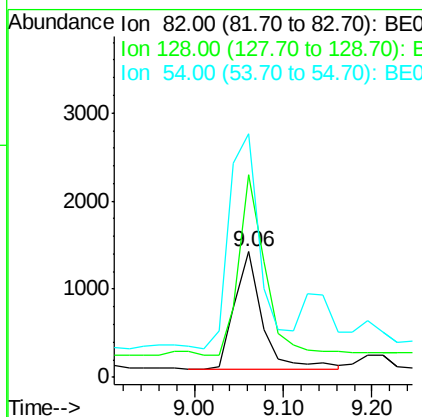
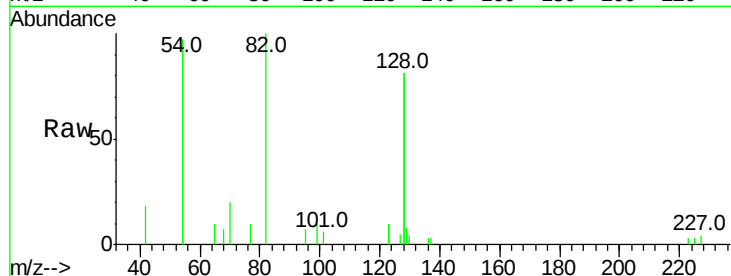
ClientSampleId :

20170723-C-A-COMP2

Tot Ion:	82	Resp:	2859
Ion	Ratio	Lower	Upper
82	100		
128	161.2	150.0	225.0
54	194.0	154.2	231.4

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#9

Naphthalene

Concen: 3.284 ng

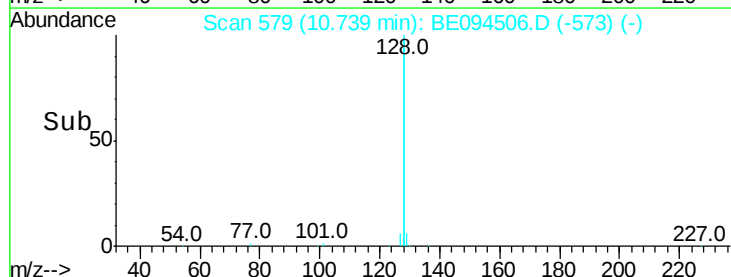
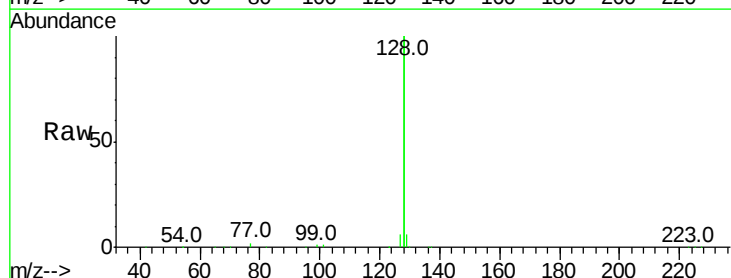
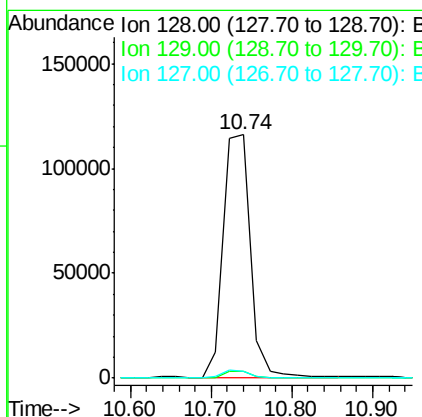
RT: 10.74 min Scan# 579

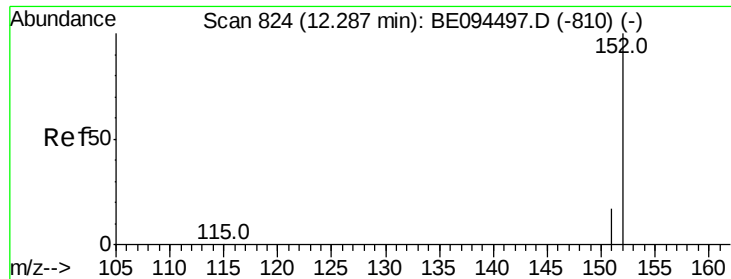
Delta R.T. -0.00 min

Lab File: BE094506.D

Acq: 23 Oct 2017 21:35

Tgt Ion:	128	Resp:	268092
Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.6	3.8
127	3.1	2.8	4.2





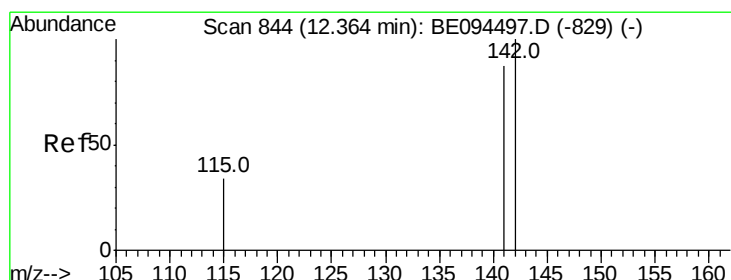
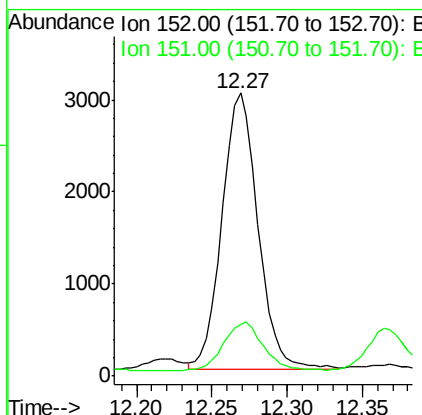
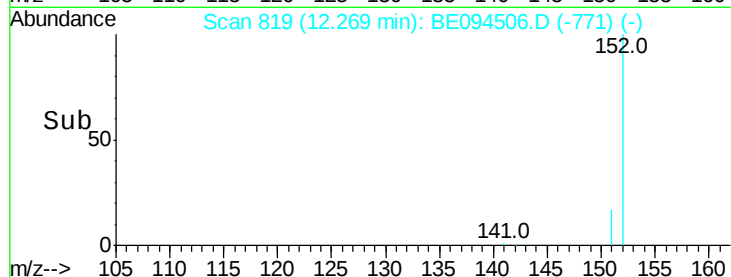
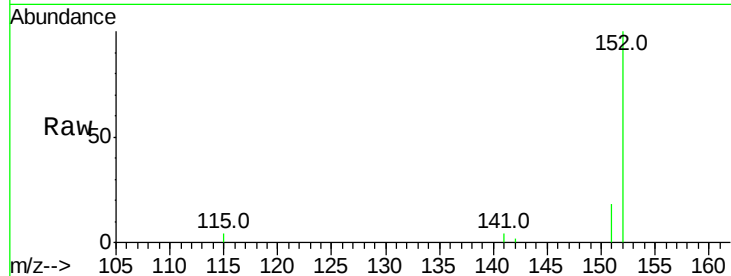
#11
2-Methylnaphthalene-d10
Concen: 0.432 ng
RT: 12.27 min Scan# 819
Delta R.T. -0.02 min
Lab File: BE094506.D
Acq: 23 Oct 2017 21:35

Instrument :
BNA_E
ClientSampleId :
20170723-C-A-COMP2

Tot Ion:152 Resp: 4999
Ion Ratio Lower Upper
152 100
151 18.8 15.4 23.0

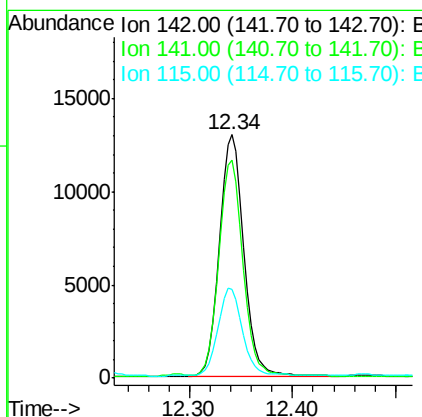
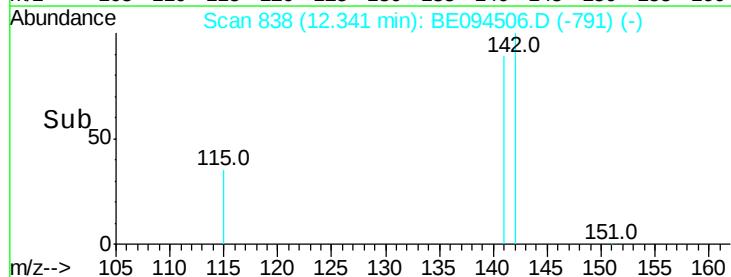
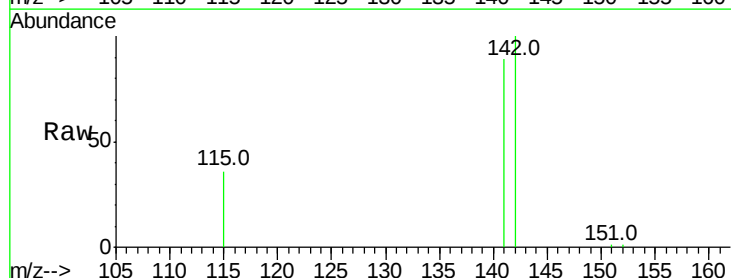
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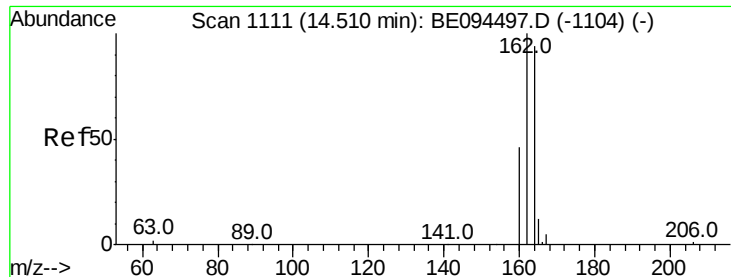
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#12
2-Methylnaphthalene
Concen: 1.570 ng
RT: 12.34 min Scan# 838
Delta R.T. -0.02 min
Lab File: BE094506.D
Acq: 23 Oct 2017 21:35

Tgt Ion:142 Resp: 21744
Ion Ratio Lower Upper
142 100
141 89.4 70.4 105.6
115 36.5 31.7 47.5





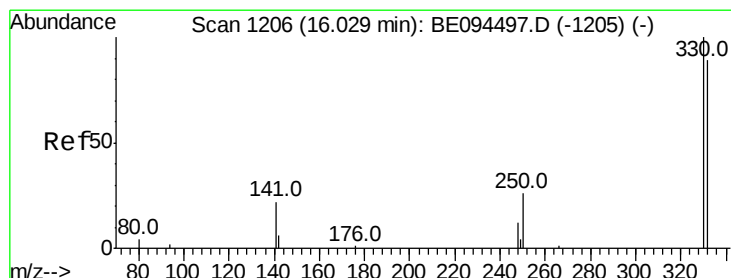
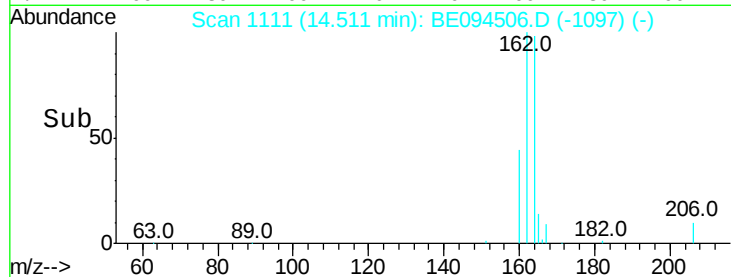
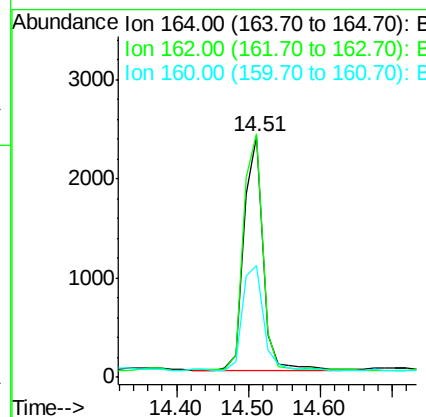
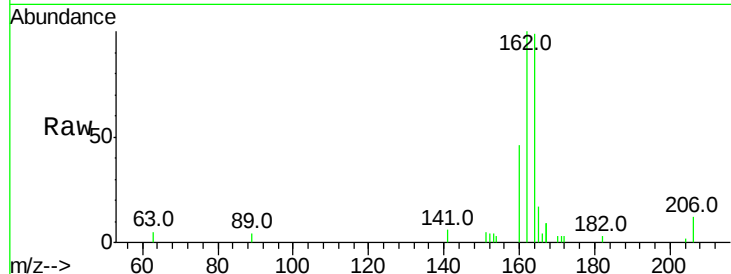
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.51 min Scan# 1111
 Delta R.T. 0.00 min
 Lab File: BE094506.D
 Acq: 23 Oct 2017 21:35

Instrument :
 BNA_E
 ClientSampleId :
 20170723-C-A-COMP2

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.2	83.1	124.7
160	46.4	37.1	55.7

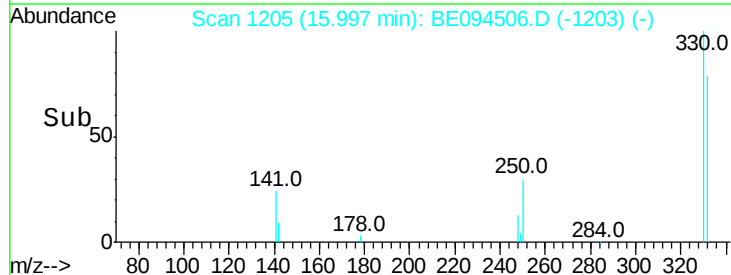
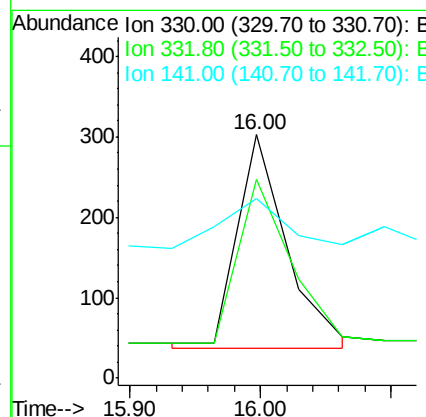
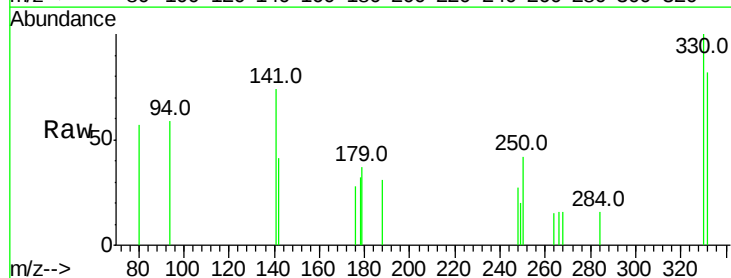
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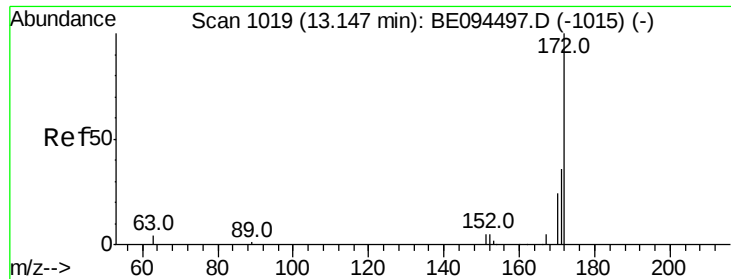
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#14
 2,4,6-Tribromophenol
 Concen: 0.583 ng m
 RT: 16.00 min Scan# 1205
 Delta R.T. -0.03 min
 Lab File: BE094506.D
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Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	152.7	229.1#
141	0.0	33.7	50.5#





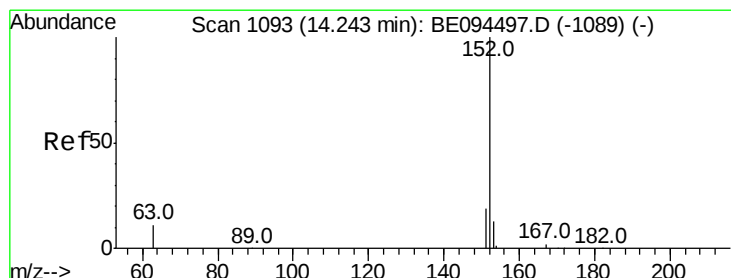
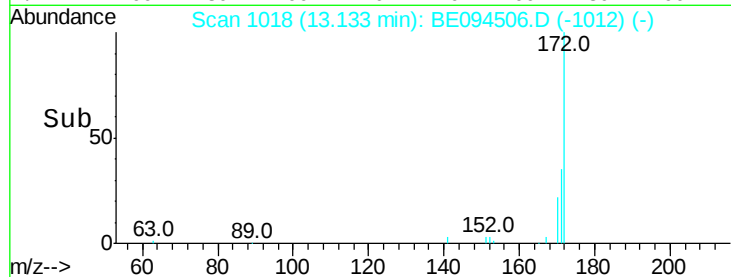
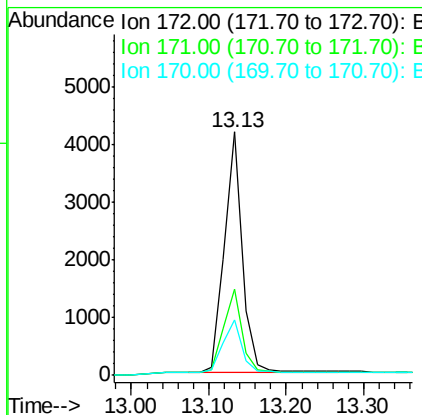
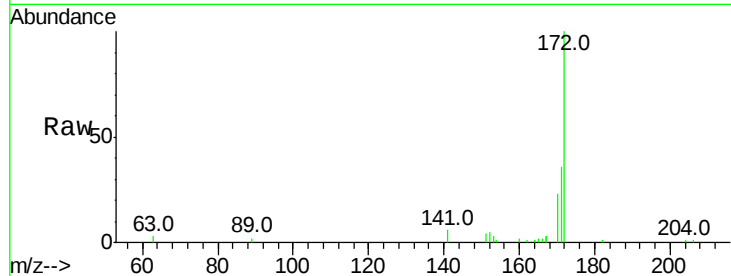
#15
2-Fluorobiphenyl
Concen: 0.443 ng
RT: 13.13 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE094506.D
Acq: 23 Oct 2017 21:35

Instrument :
BNA_E
ClientSampleId :
20170723-C-A-COMP2

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.9	44.9
170	22.9	21.8	32.8

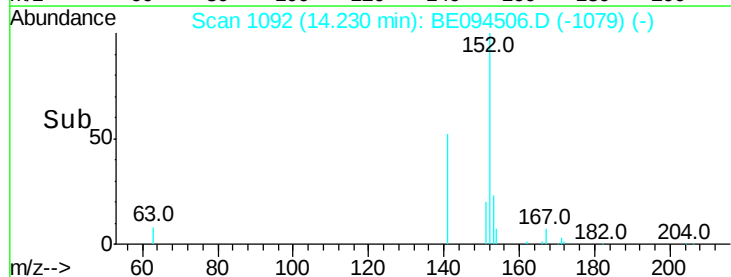
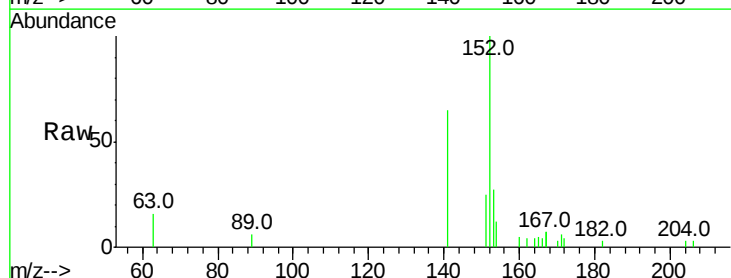
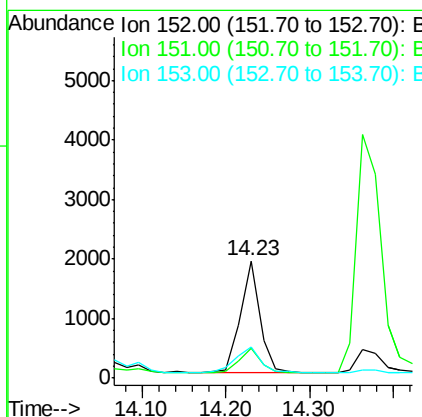
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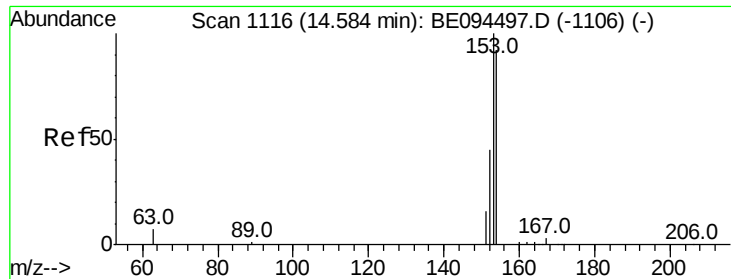
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#16
Acenaphthylene
Concen: 0.134 ng
RT: 14.23 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BE094506.D
Acq: 23 Oct 2017 21:35

Tgt Ion	Ratio	Lower	Upper
152	100		
151	23.7	15.7	23.5#
153	31.3	10.5	15.7#





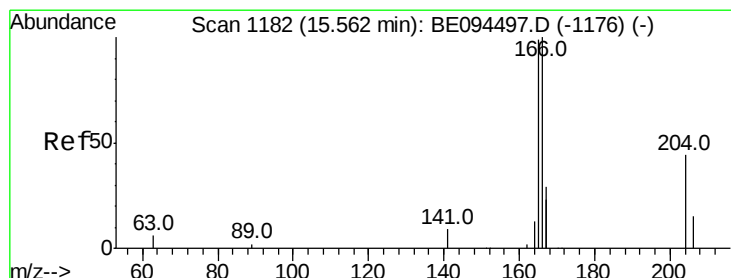
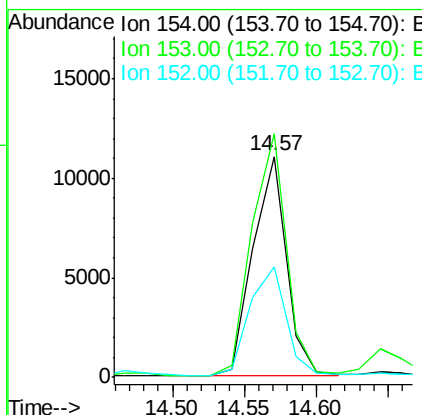
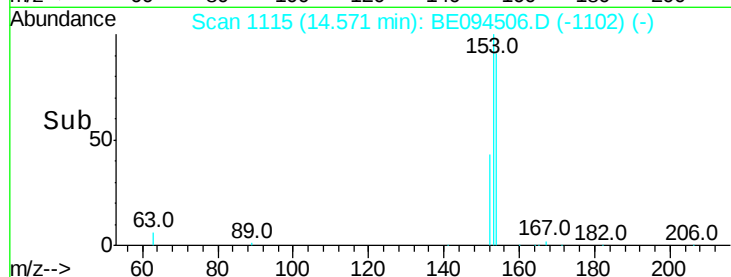
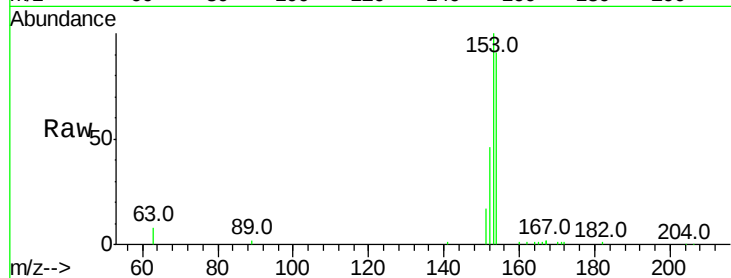
#17
Acenaphthene
Concen: 1.208 ng
RT: 14.57 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BE094506.D
Acq: 23 Oct 2017 21:35

Instrument :
BNA_E
ClientSampleId :
20170723-C-A-COMP2

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.9	89.2	133.8
152	54.5	42.0	63.0

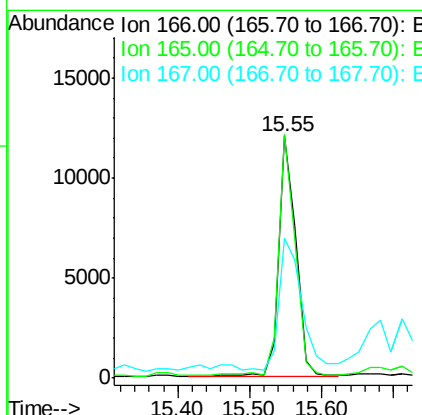
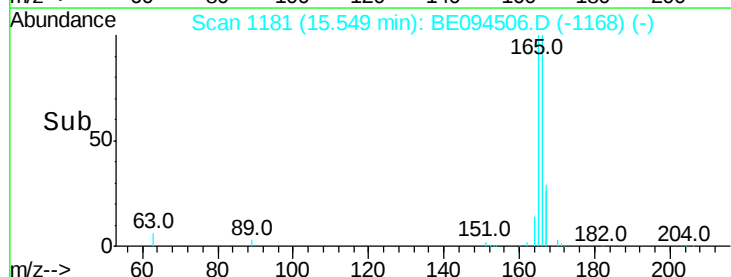
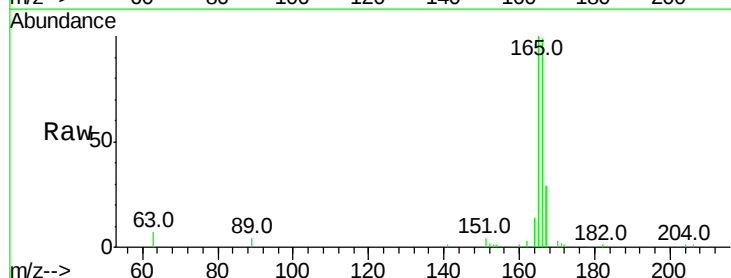
Manual Integrations
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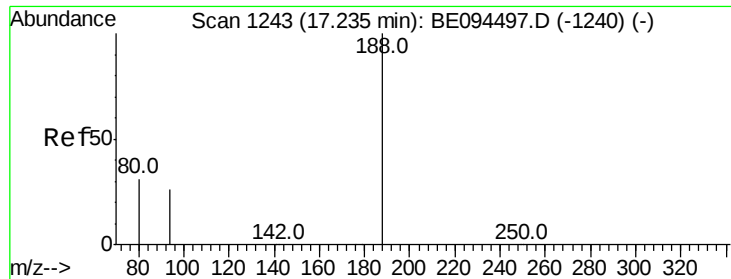
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#18
Fluorene
Concen: 1.053 ng
RT: 15.55 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BE094506.D
Acq: 23 Oct 2017 21:35

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	77.8	116.6
167	71.7	42.4	63.6#





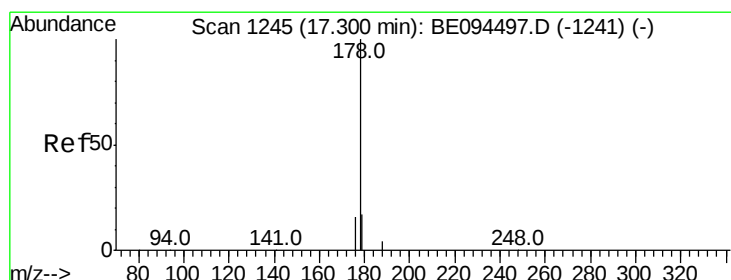
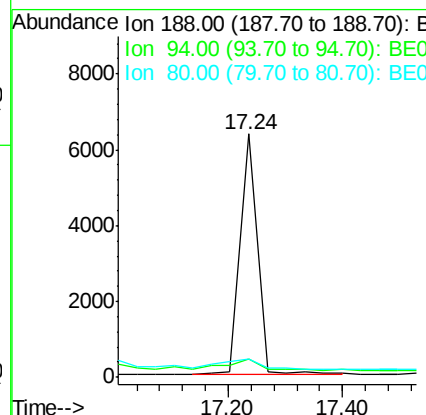
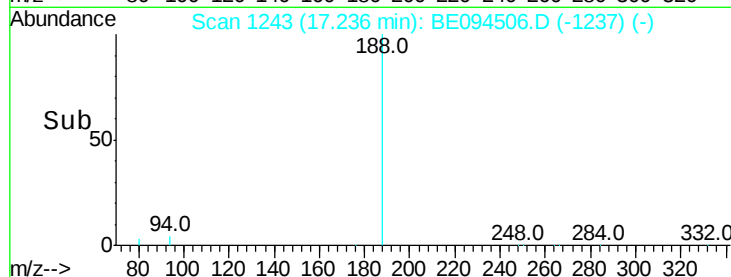
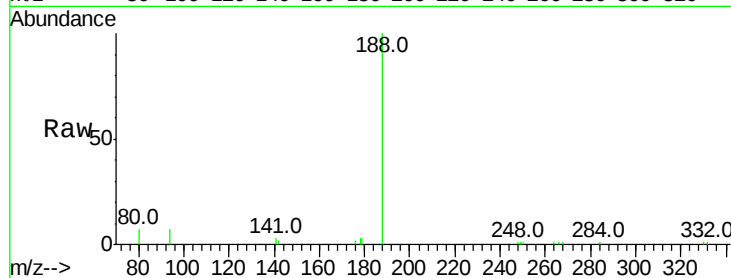
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE094506.D
Acq: 23 Oct 2017 21:35

Instrument :
BNA_E
ClientSampleId :
20170723-C-A-COMP2

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.5	3.9	5.9#
80	7.5	3.6	5.4#

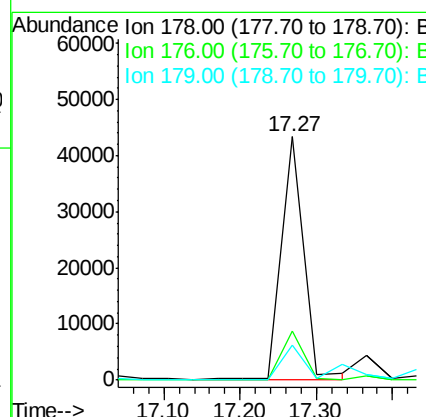
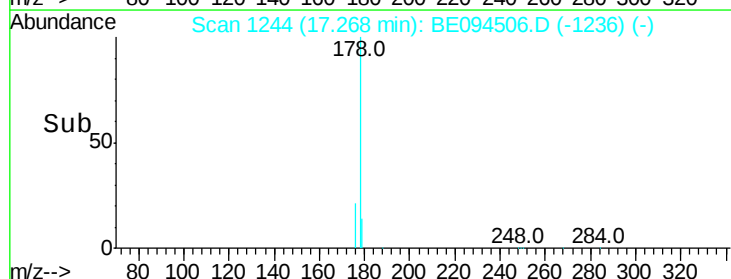
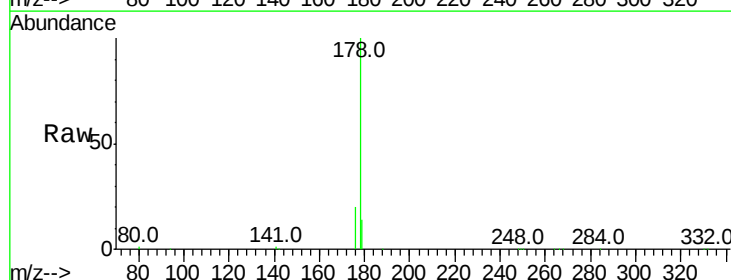
Manual Integrations
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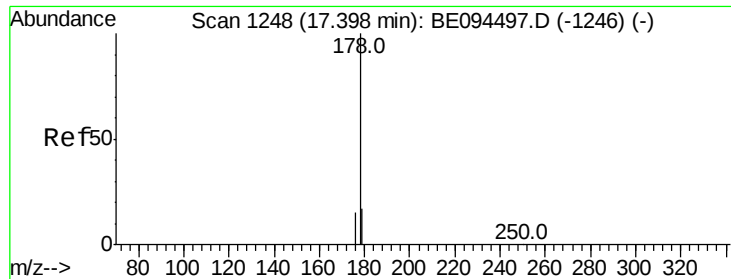
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#23
Phenanthrene
Concen: 2.954 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.03 min
Lab File: BE094506.D
Acq: 23 Oct 2017 21:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.1	22.7
179	21.8	11.8	17.6#





#24

Anthracene

Concen: 0.257 ng

RT: 17.37 min Scan# 1247

Delta R.T. -0.03 min

Lab File: BE094506.D

Acq: 23 Oct 2017 21:35

Instrument :

BNA_E

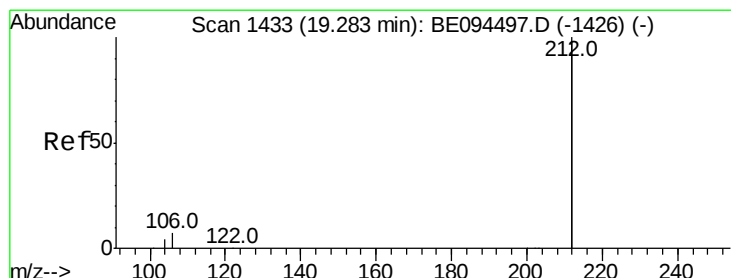
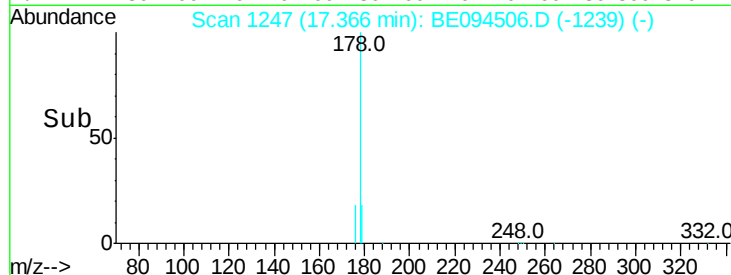
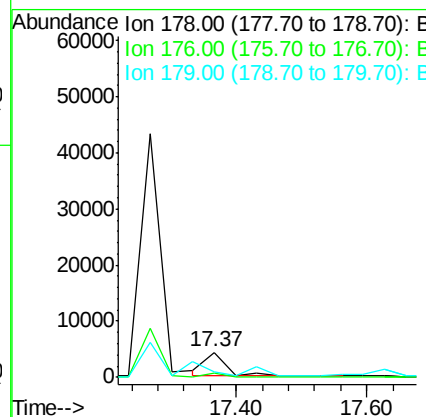
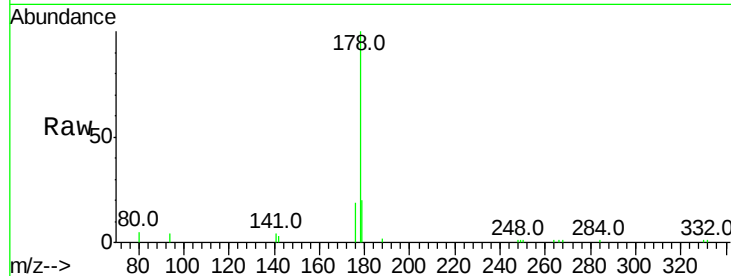
ClientSampleId :

20170723-C-A-COMP2

Tot Ion	Ratio	Lower	Upper
178	100		
176	16.2	12.8	19.2
179	0.0	13.0	19.6#

Manual Integrations
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#25

Fluoranthene-d10

Concen: 0.307 ng

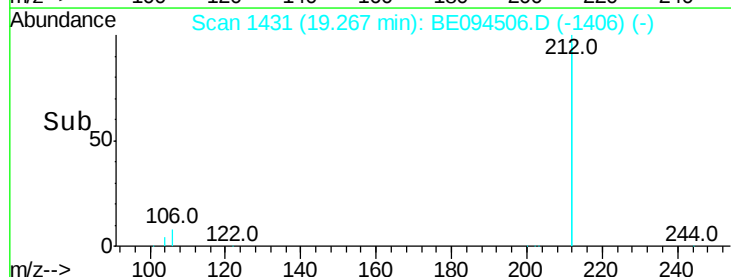
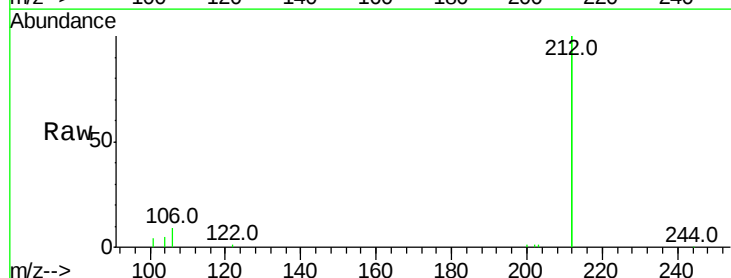
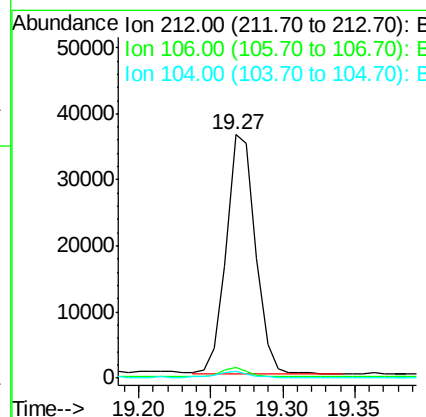
RT: 19.27 min Scan# 1431

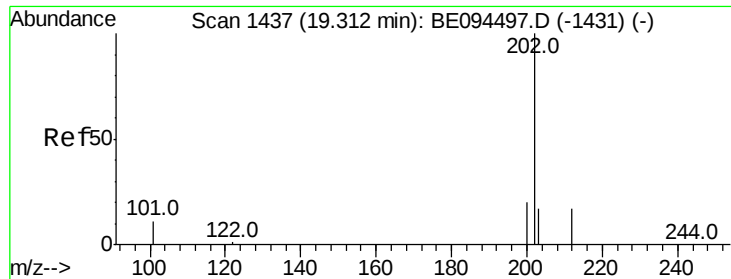
Delta R.T. -0.01 min

Lab File: BE094506.D

Acq: 23 Oct 2017 21:35

Tgt Ion	Ratio	Lower	Upper
212	100		
106	3.6	2.8	4.2
104	2.1	1.6	2.4





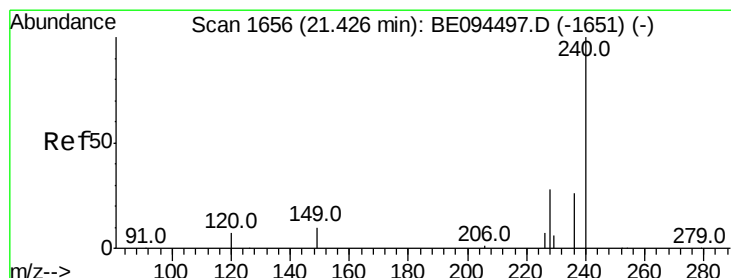
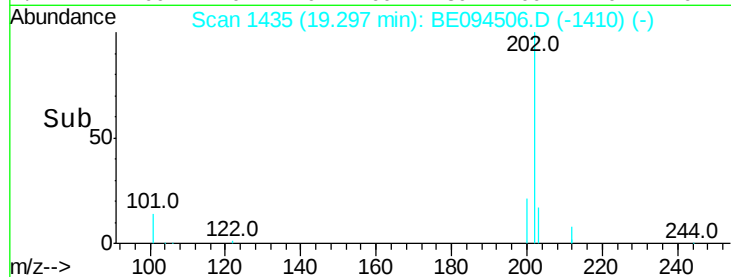
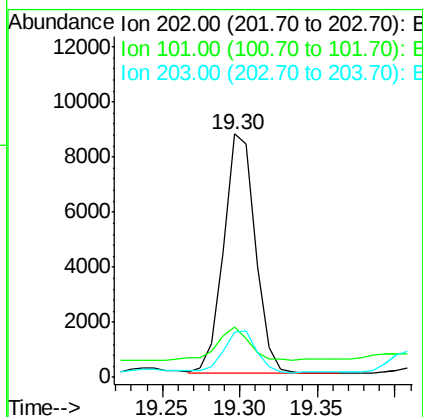
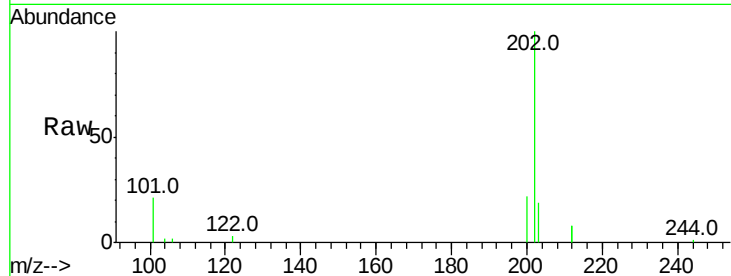
#26
 Fluoranthene
 Concen: 0.222 ng
 RT: 19.30 min Scan# 1435
 Delta R.T. -0.02 min
 Lab File: BE094506.D
 Acq: 23 Oct 2017 21:35

Instrument :
 BNA_E
 ClientSampleId :
 20170723-C-A-COMP2

Tot Ion:	202	Resp:	12301
Ion Ratio	Lower	Upper	
202	100		
101	14.0	9.8	14.8
203	17.9	13.7	20.5

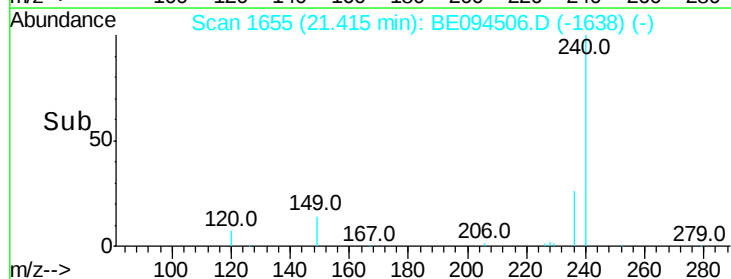
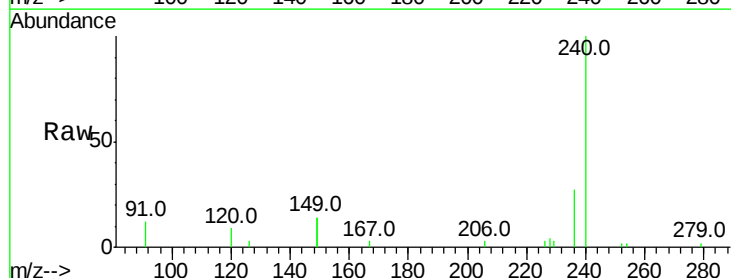
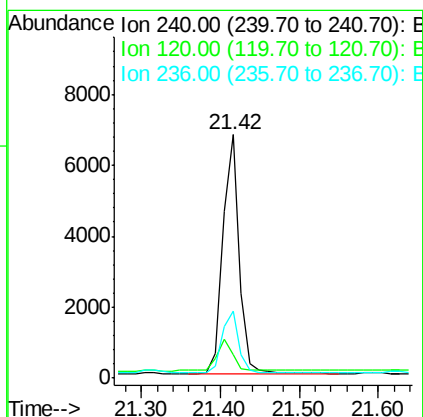
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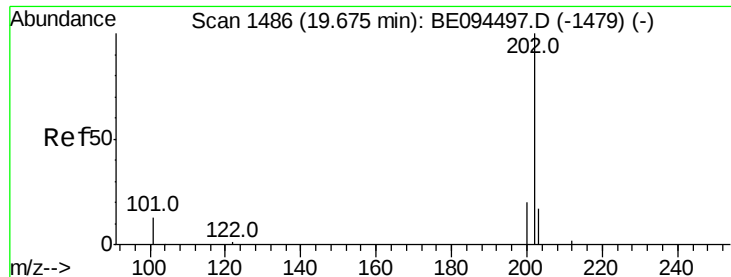
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#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.42 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BE094506.D
 Acq: 23 Oct 2017 21:35

Tgt Ion:	240	Resp:	9790
Ion Ratio	Lower	Upper	
240	100		
120	9.5	5.5	8.3#
236	27.4	20.7	31.1





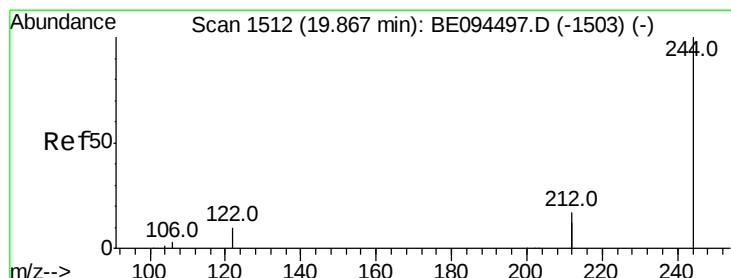
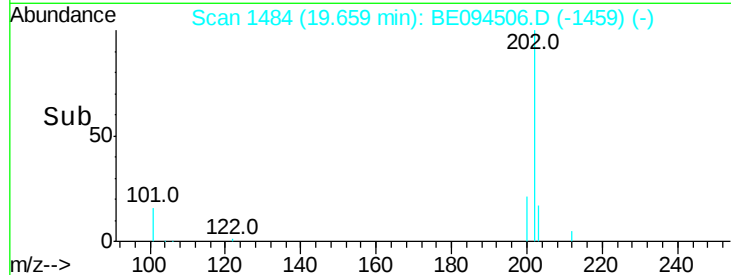
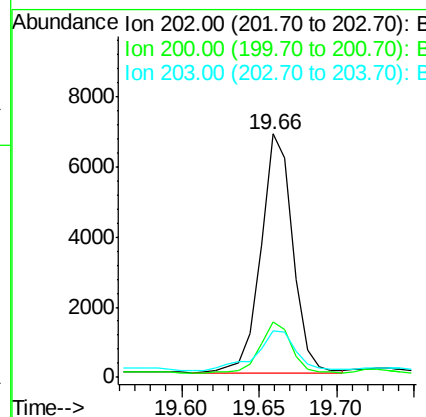
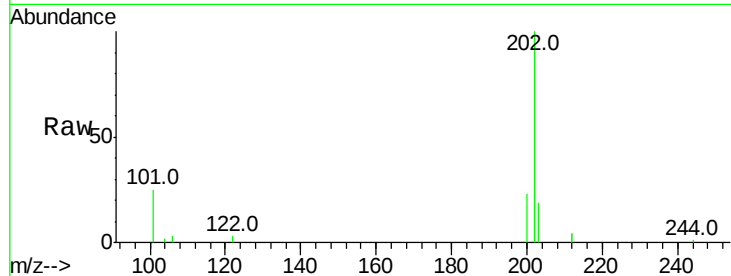
#28
Pvrene
Concen: 0.283 ng
RT: 19.66 min Scan# 1484
Delta R.T. -0.02 min
Lab File: BE094506.D
Acq: 23 Oct 2017 21:35

Instrument :
BNA_E
ClientSampleId :
20170723-C-A-COMP2

Tot Ion	Ratio	Resp	Lower	Upper
202	100	9678		
200	21.2		16.6	25.0
203	21.1		13.8	20.8

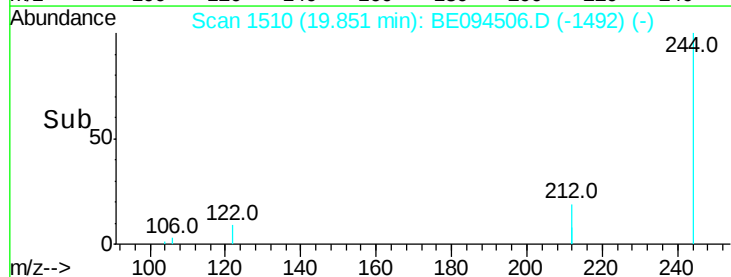
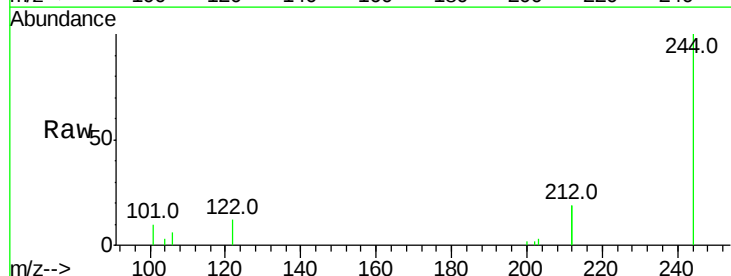
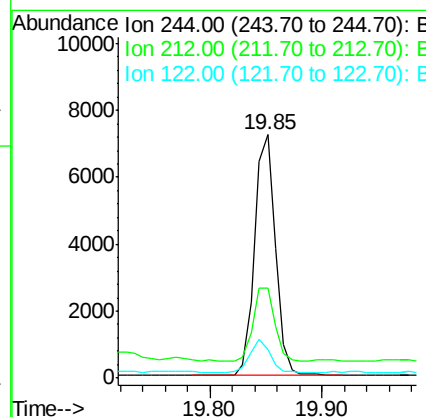
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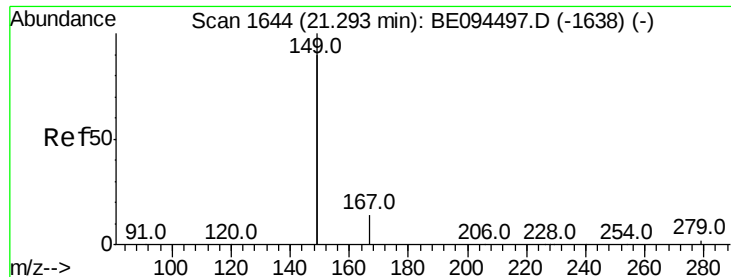
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#29
Terphenyl-d14
Concen: 0.508 ng
RT: 19.85 min Scan# 1510
Delta R.T. -0.02 min
Lab File: BE094506.D
Acq: 23 Oct 2017 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	9379		
212	37.2		25.4	38.0
122	12.0		8.1	12.1





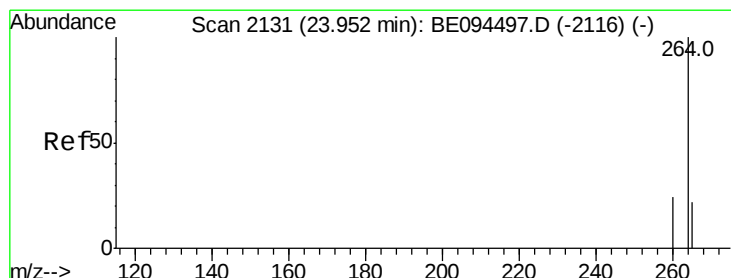
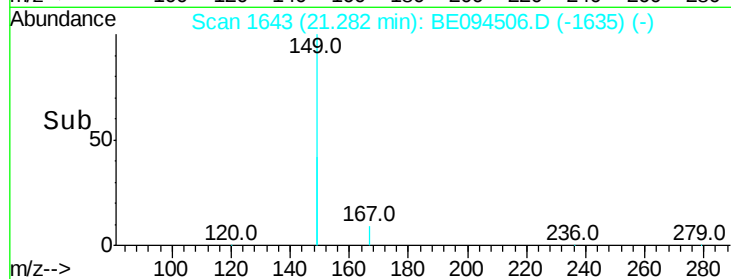
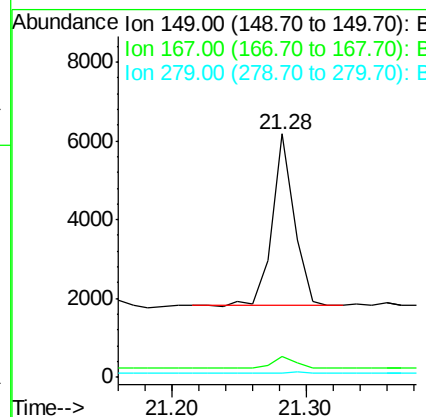
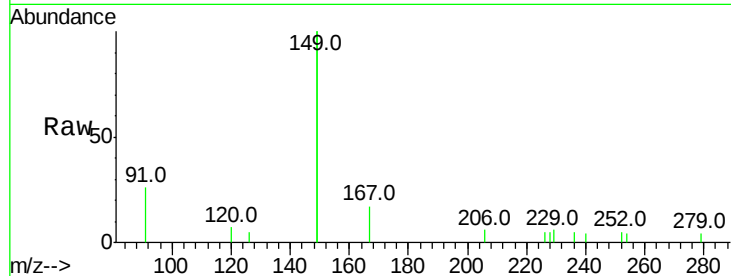
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.064 ng
RT: 21.28 min Scan# 1643
Delta R.T. -0.01 min
Lab File: BE094506.D
Acq: 23 Oct 2017 21:35

Instrument :
BNA_E
ClientSampleId :
20170723-C-A-COMP2

Tot Ion	Ratio	Lower	Upper
149	100		
167	8.5	5.4	8.0#
279	1.7	0.7	1.1#

Manual Integrations
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#34
Perylene-d12
Concen: 0.400 ng
RT: 23.93 min Scan# 2127
Delta R.T. -0.02 min
Lab File: BE094506.D
Acq: 23 Oct 2017 21:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.5	30.7
265	29.3	22.8	34.2

