

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102317\
 Data File : BE094505.D
 Acq On : 23 Oct 2017 20:59
 Operator : SJ/JU
 Sample : I5950-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 20170722-C-A-COMP1

Manual Integrations
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 10/24/2017 8:46:54 PM

Quant Time: Oct 23 22:48:08 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	7.91	152	1377	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	7586	0.40	ng	-0.02
13) Acenaphthene-d10	14.51	164	4515	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	13641	0.40	ng	0.00
27) Chrysene-d12	21.42	240	10412	0.40	ng	-0.01
34) Perylene-d12	23.94	264	9708	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.53	112	708	0.15	ng	0.00
5) Phenol-d6	7.11	99	599	0.08	ng	-0.02
8) Nitrobenzene-d5	9.06	82	2705	0.45	ng	-0.02
11) 2-Methylnaphthalene-d10	12.27	152	4608	0.38	ng	-0.02
14) 2,4,6-Tribromophenol	16.00	330	557m	0.45	ng	-0.03
15) 2-Fluorobiphenyl	13.13	172	6799	0.43	ng	-0.01
25) Fluoranthene-d10	19.27	212	48659	0.26	ng	-0.01
29) Terphenyl-d14	19.85	244	10059	0.51	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Naphthalene	10.74	128	293241	3.415	ng	99
12) 2-Methylnaphthalene	12.34	142	35297	2.423	ng	98
16) Acenaphthylene	14.23	152	2126	0.089	ng	# 62
17) Acenaphthene	14.57	154	11745	0.767	ng	97
18) Fluorene	15.55	166	10976	0.559	ng	# 87
23) Phenanthrene	17.27	178	33333	1.008	ng	97
24) Anthracene	17.37	178	5981	0.149	ng	# 80
26) Fluoranthene	19.30	202	5915	0.057	ng	96
28) Pyrene	19.66	202	6066	0.167	ng	# 93
32) Bis(2-ethylhexyl)phthalate	21.28	149	7804	0.094	ng	99

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

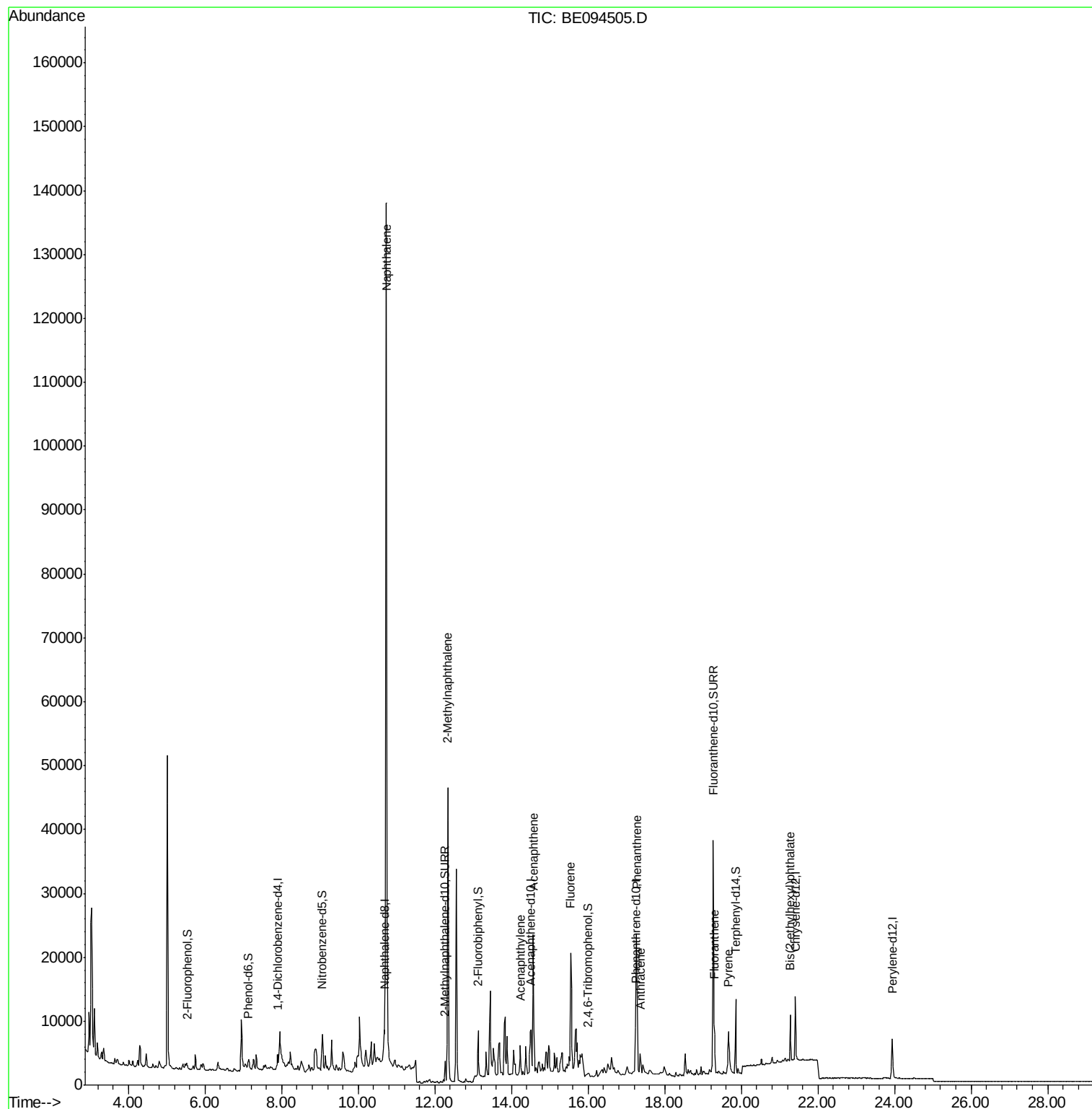
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102317\
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Sample : I5950-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

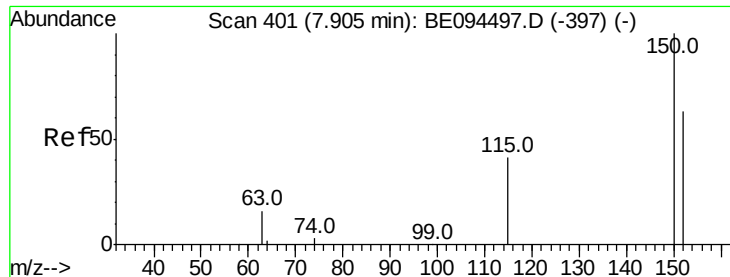
Instrument :
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20170722-C-A-COMP1

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Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE102317.M
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#1

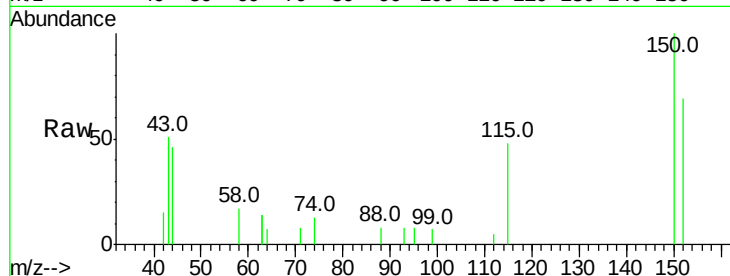
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 401
Delta R.T. 0.00 min
Lab File: BE094505.D
Acq: 23 Oct 2017 20:59

Instrument :
BNA_E
ClientSampleId :
20170722-C-A-COMP1

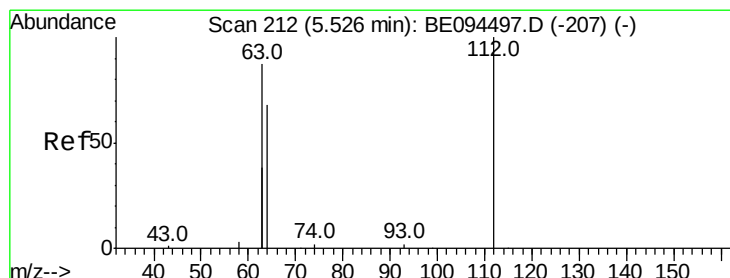
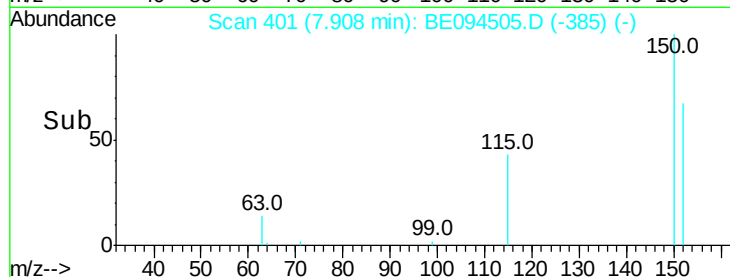
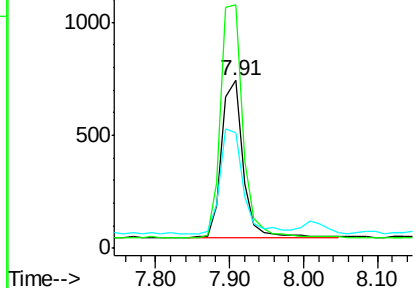
Tot Ion	Ratio	Lower	Upper
152	100		
150	145.1	117.2	175.8
115	69.1	57.0	85.6

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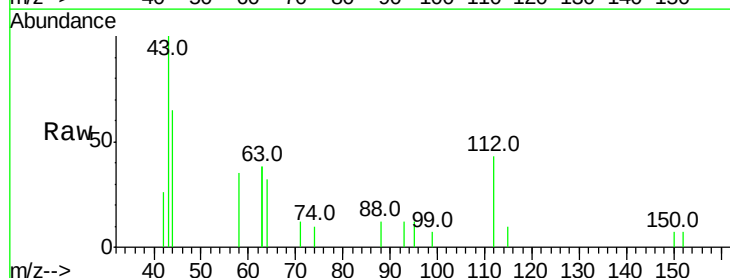
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



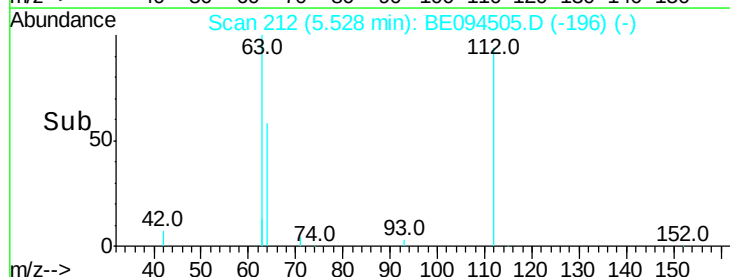
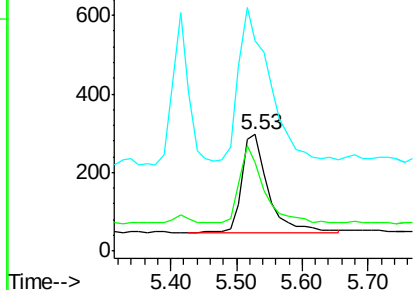
#4

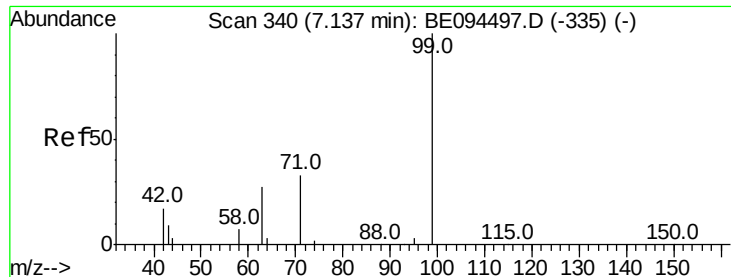
2-Fluorophenol
Concen: 0.150 ng
RT: 5.53 min Scan# 212
Delta R.T. 0.00 min
Lab File: BE094505.D
Acq: 23 Oct 2017 20:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.6	60.1	90.1
63	183.5	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: 0.084 ng

RT: 7.11 min Scan# 338

Delta R.T. -0.02 min

Lab File: BE094505.D

Acq: 23 Oct 2017 20:59

Instrument :

BNA_E

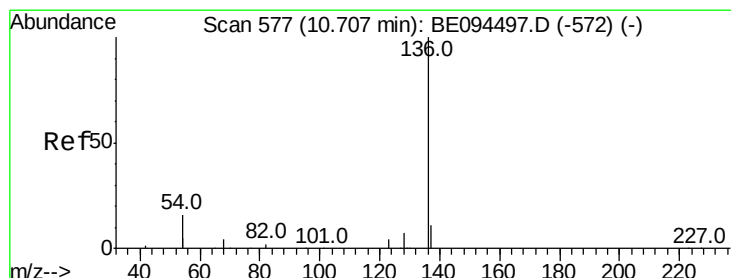
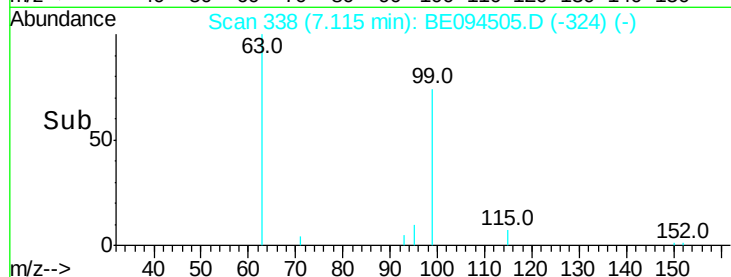
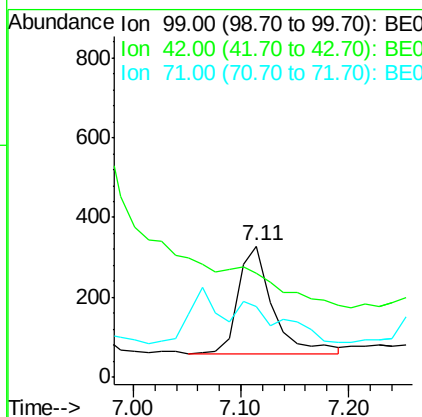
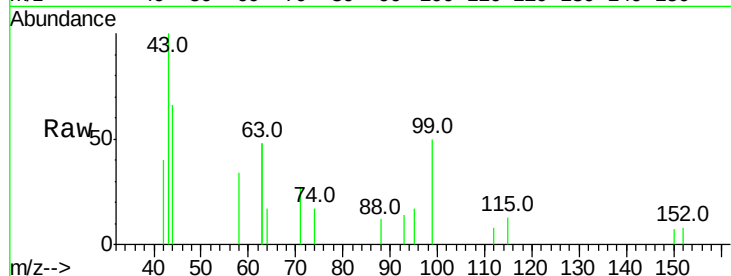
ClientSampleId :

20170722-C-A-COMP1

Tot Ion	99	Resp	599
Ion	Ratio	Lower	Upper
99	100		
42	0.0	20.2	30.2#
71	48.6	28.4	42.6#

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#7

Naphthalene-d8

Concen: 0.400 ng

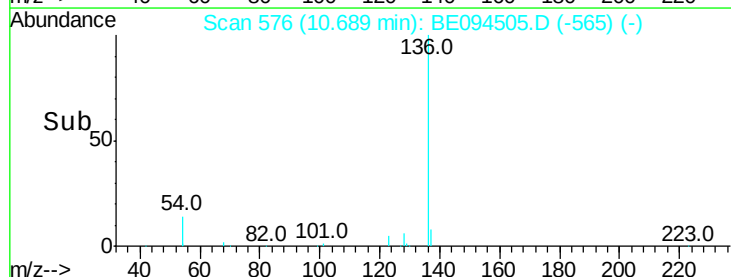
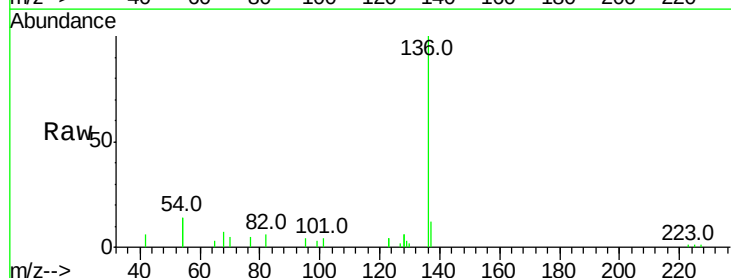
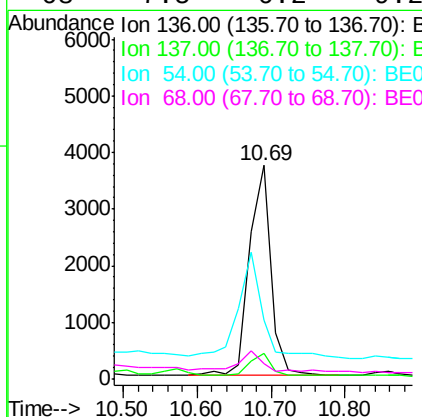
RT: 10.69 min Scan# 576

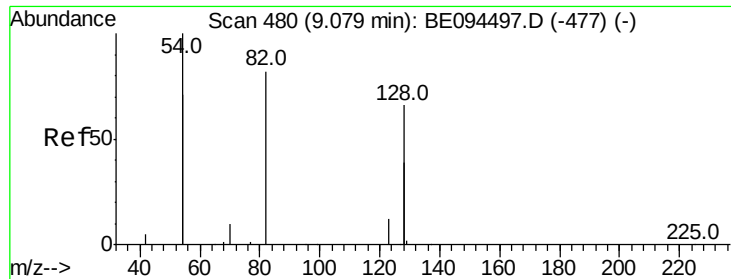
Delta R.T. -0.02 min

Lab File: BE094505.D

Acq: 23 Oct 2017 20:59

Tgt Ion	136	Resp	7586
Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.5	14.3
54	27.6	29.1	43.7#
68	7.5	6.2	9.2





#8

Nitrobenzene-d5

Concen: 0.447 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.02 min

Lab File: BE094505.D

Acq: 23 Oct 2017 20:59

Instrument :

BNA_E

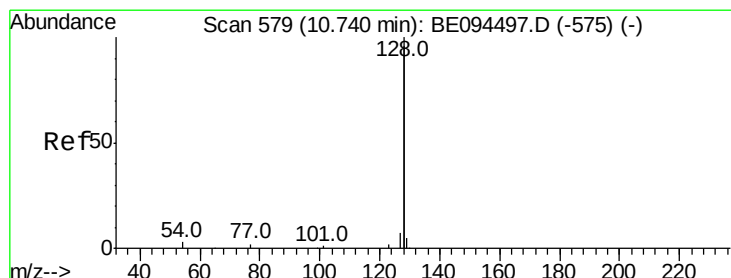
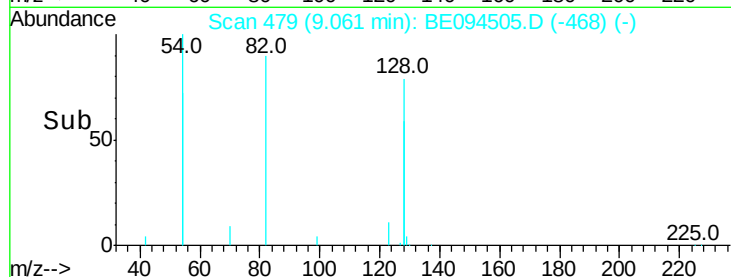
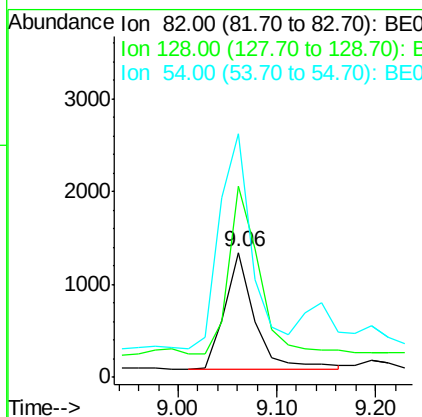
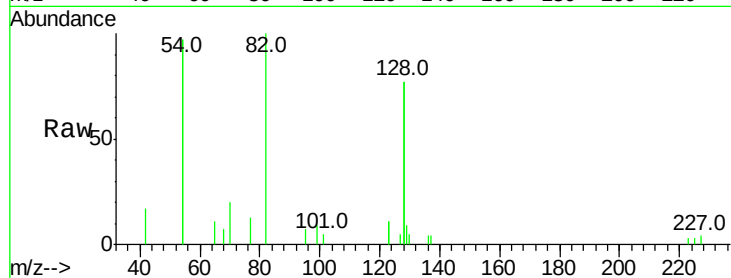
ClientSampleId :

20170722-C-A-COMP1

Tot Ion:	82	Resp:	2705
Ion Ratio	Lower	Upper	
82	100		
128	153.1	150.0	225.0
54	194.8	154.2	231.4

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#9

Naphthalene

Concen: 3.415 ng

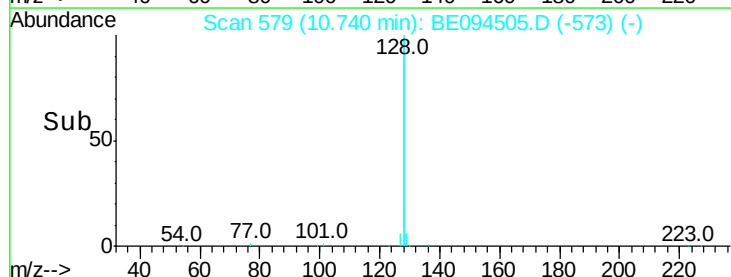
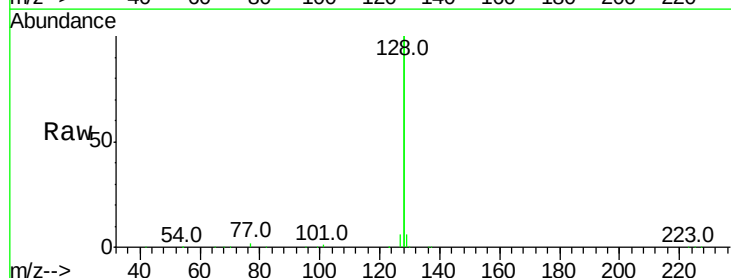
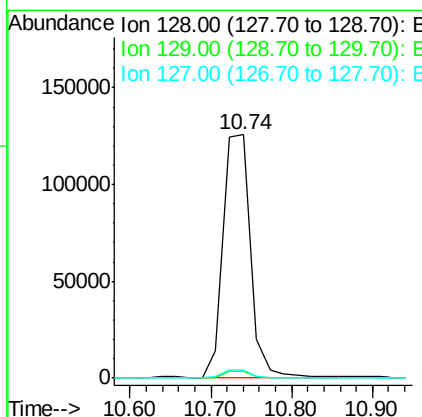
RT: 10.74 min Scan# 579

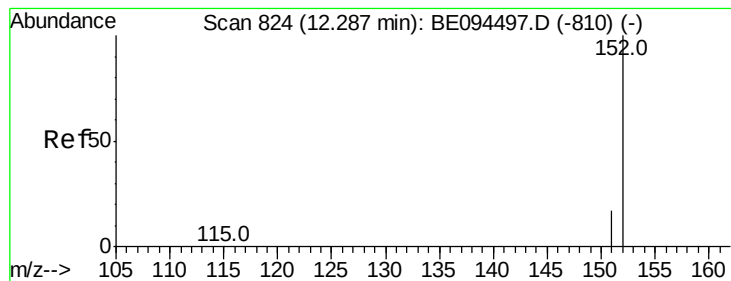
Delta R.T. -0.00 min

Lab File: BE094505.D

Acq: 23 Oct 2017 20:59

Tgt Ion:	128	Resp:	293241
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: 0.378 ng

RT: 12.27 min Scan# 819

Delta R.T. -0.02 min

Lab File: BE094505.D

Acq: 23 Oct 2017 20:59

Instrument :

BNA_E

ClientSampleId :

20170722-C-A-COMP1

Tot Ion:152 Resp: 4608

Ion Ratio Lower Upper

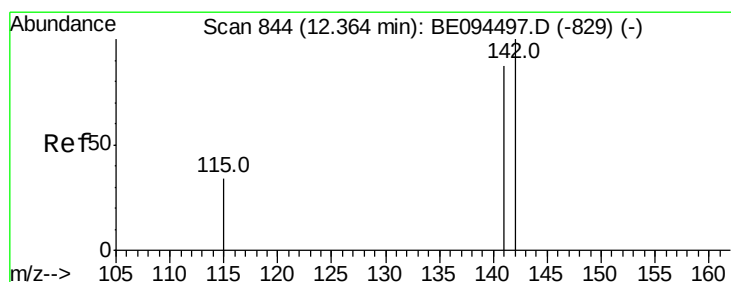
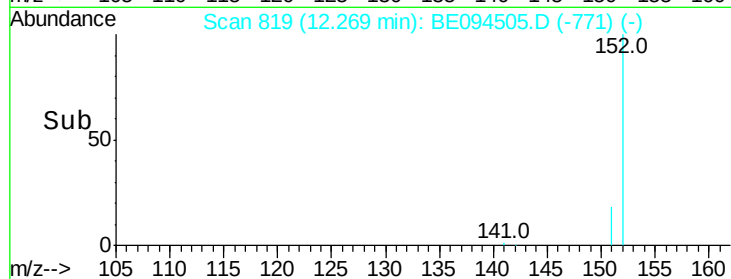
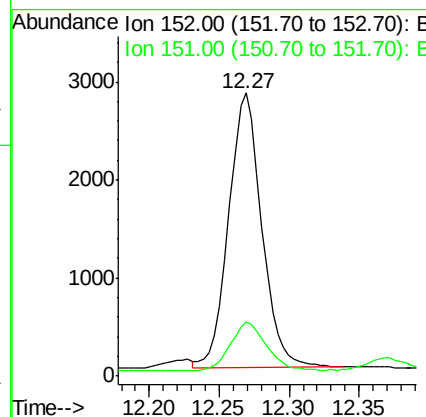
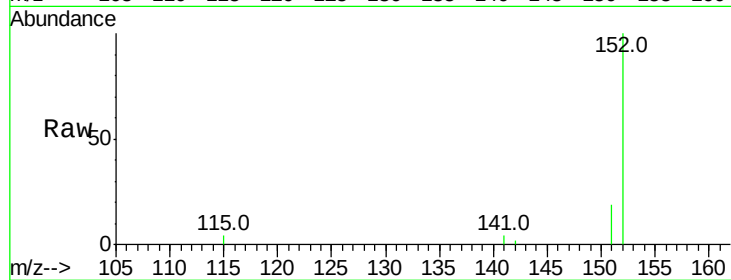
152 100

151 18.9 15.4 23.0

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#12

2-Methylnaphthalene

Concen: 2.423 ng

RT: 12.34 min Scan# 838

Delta R.T. -0.02 min

Lab File: BE094505.D

Acq: 23 Oct 2017 20:59

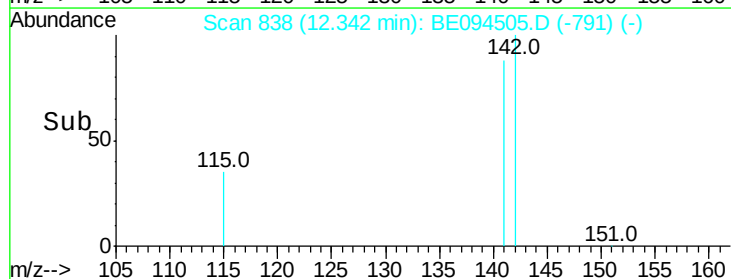
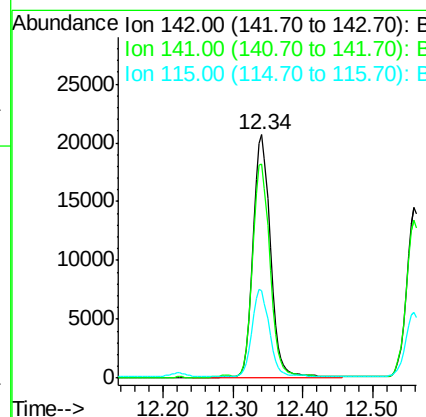
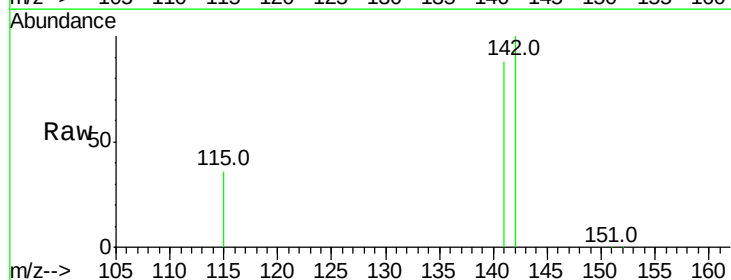
Tgt Ion:142 Resp: 35297

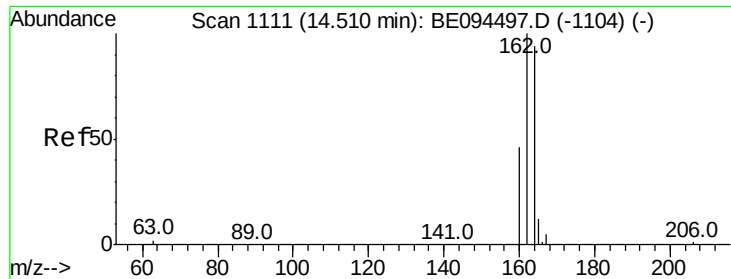
Ion Ratio Lower Upper

142 100

141 88.0 70.4 105.6

115 36.0 31.7 47.5





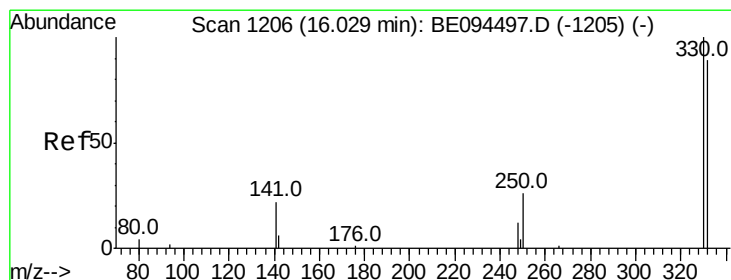
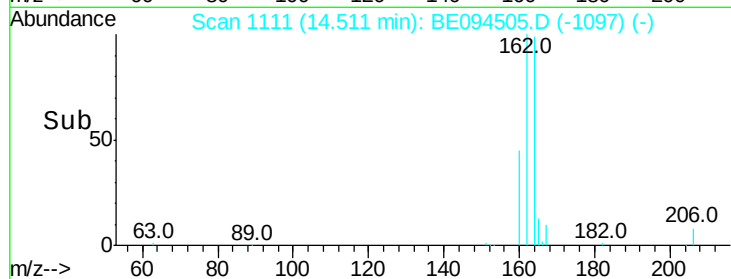
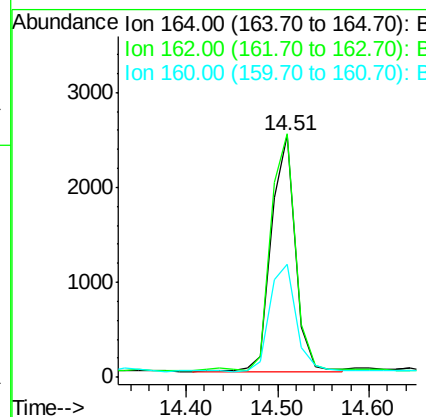
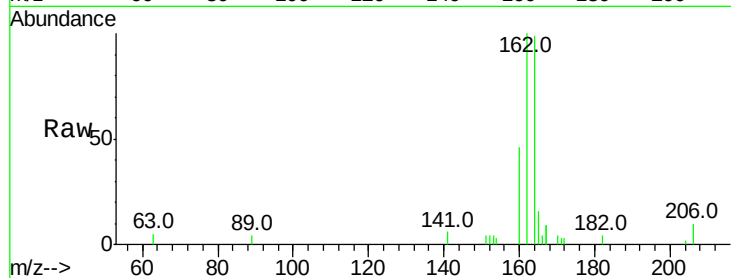
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.51 min Scan# 1111
 Delta R.T. 0.00 min
 Lab File: BE094505.D
 Acq: 23 Oct 2017 20:59

Instrument :
 BNA_E
 ClientSampleId :
 20170722-C-A-COMP1

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.5	83.1	124.7
160	46.7	37.1	55.7

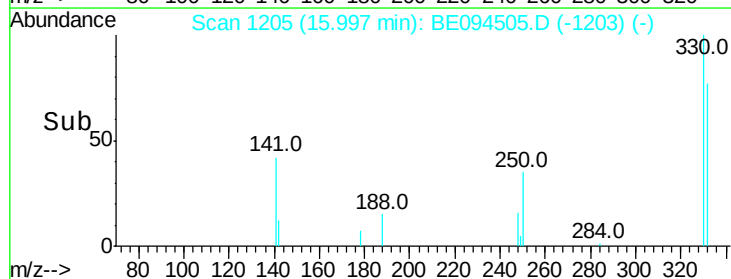
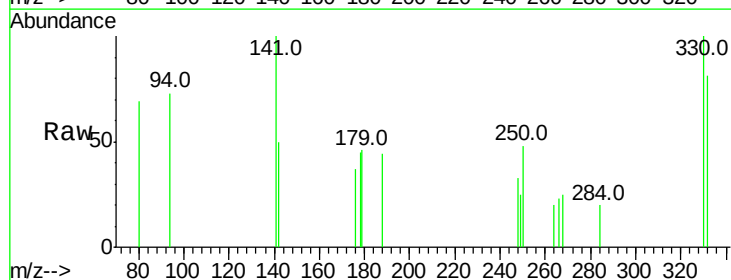
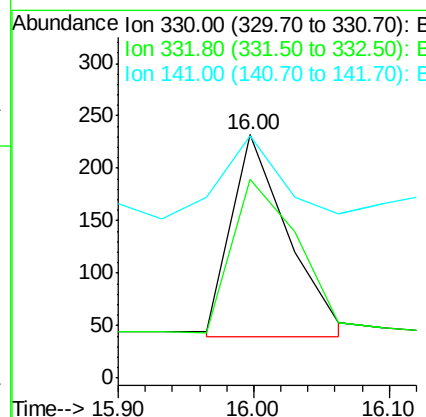
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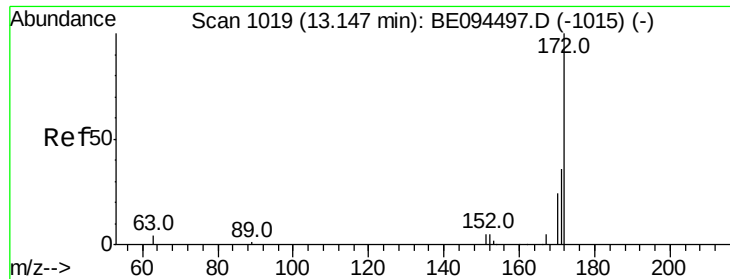
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#14
 2,4,6-Tribromophenol
 Concen: 0.447 ng m
 RT: 16.00 min Scan# 1205
 Delta R.T. -0.03 min
 Lab File: BE094505.D
 Acq: 23 Oct 2017 20:59

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	152.7	229.1#
141	0.0	33.7	50.5#





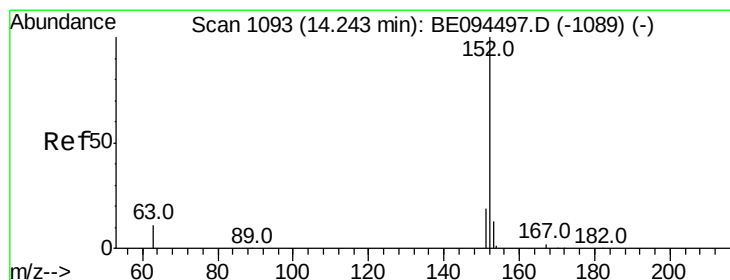
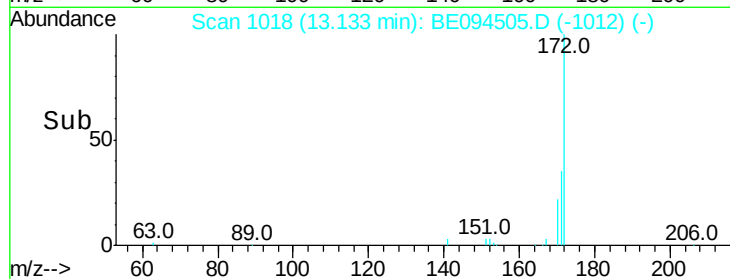
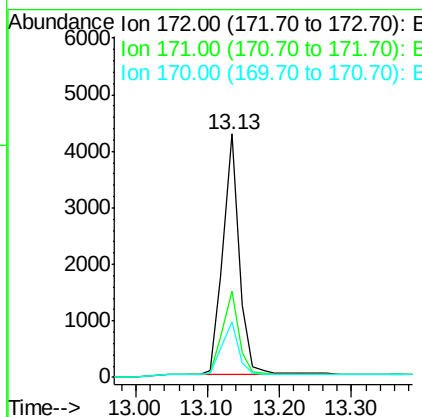
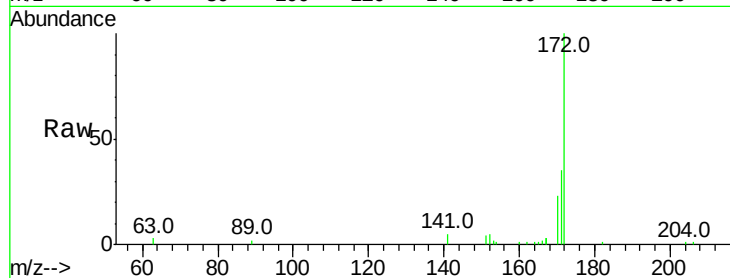
#15
2-Fluorobiphenyl
Concen: 0.427 ng
RT: 13.13 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE094505.D
Acq: 23 Oct 2017 20:59

Instrument :
BNA_E
ClientSampleId :
20170722-C-A-COMP1

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.9	44.9
170	22.9	21.8	32.8

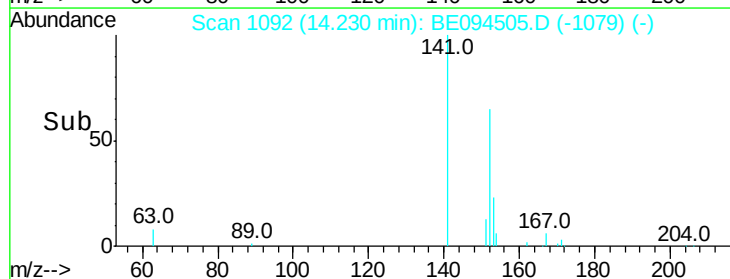
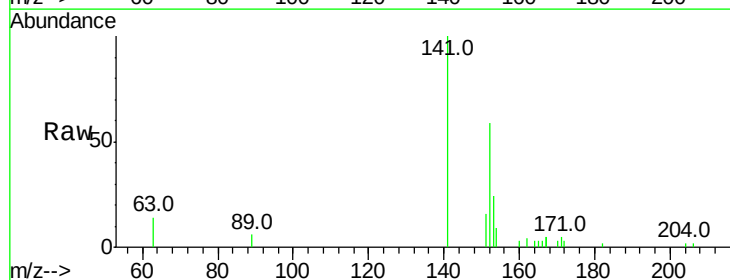
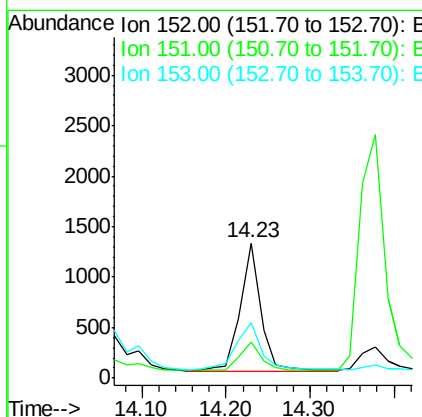
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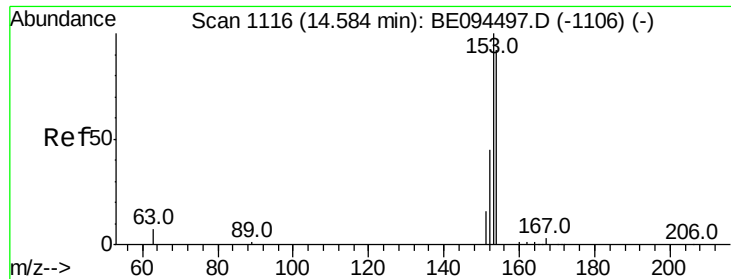
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#16
Acenaphthylene
Concen: 0.089 ng
RT: 14.23 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BE094505.D
Acq: 23 Oct 2017 20:59

Tgt Ion	Ratio	Lower	Upper
152	100		
151	24.3	15.7	23.5#
153	45.0	10.5	15.7#





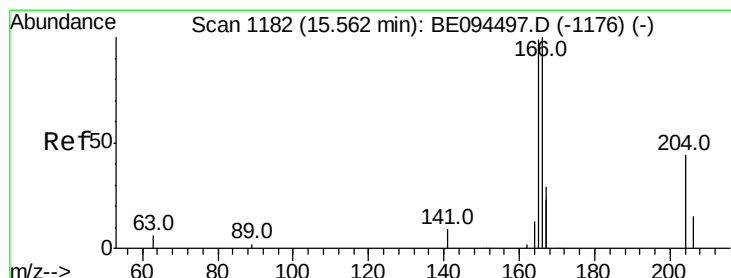
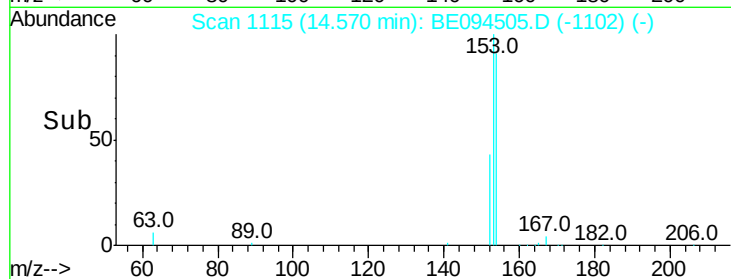
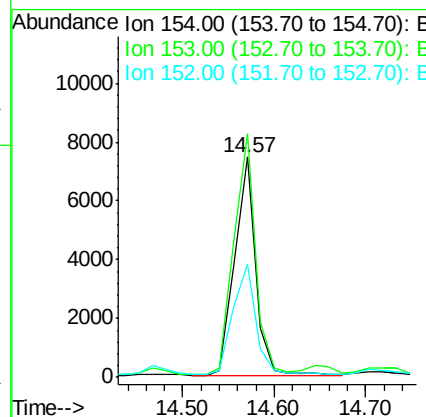
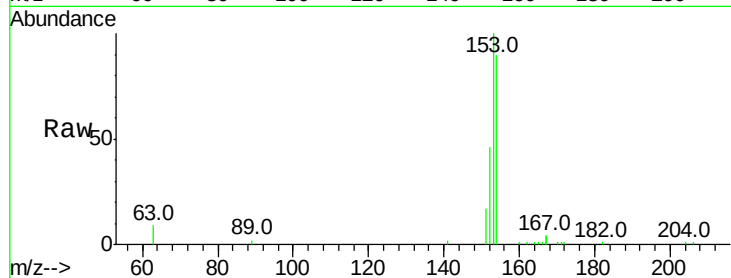
#17
Acenaphthene
Concen: 0.767 ng
RT: 14.57 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BE094505.D
Acq: 23 Oct 2017 20:59

Instrument :
BNA_E
ClientSampleId :
20170722-C-A-COMP1

Tot Ion:154 Resp: 11745
Ion Ratio Lower Upper
154 100
153 113.5 89.2 133.8
152 56.1 42.0 63.0

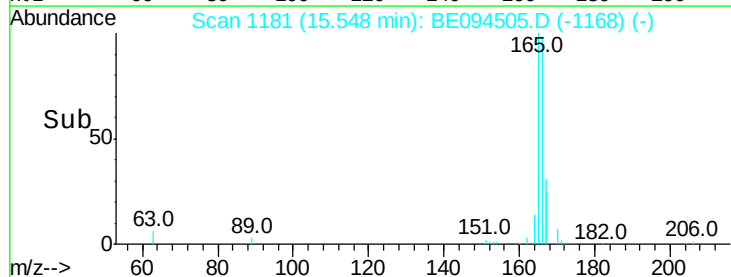
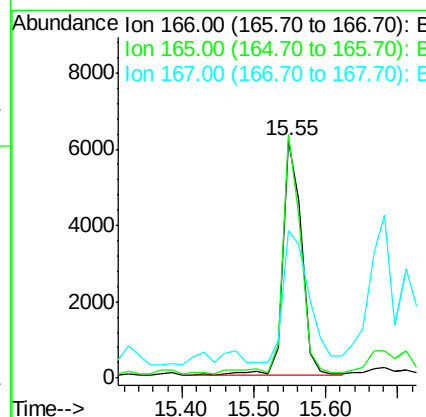
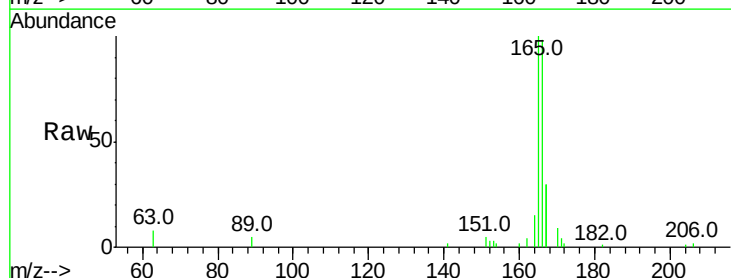
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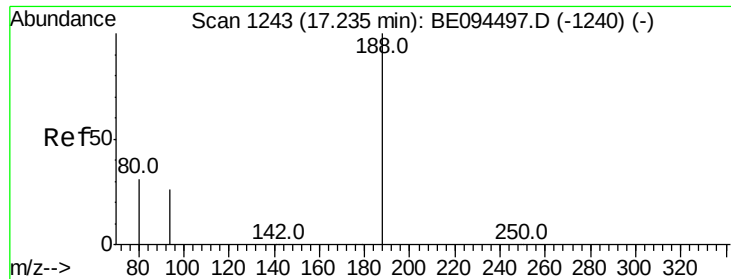
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#18
Fluorene
Concen: 0.559 ng
RT: 15.55 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BE094505.D
Acq: 23 Oct 2017 20:59

Tgt Ion:166 Resp: 10976
Ion Ratio Lower Upper
166 100
165 97.7 77.8 116.6
167 79.0 42.4 63.6#





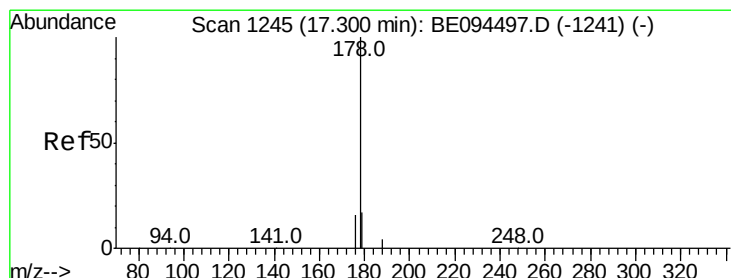
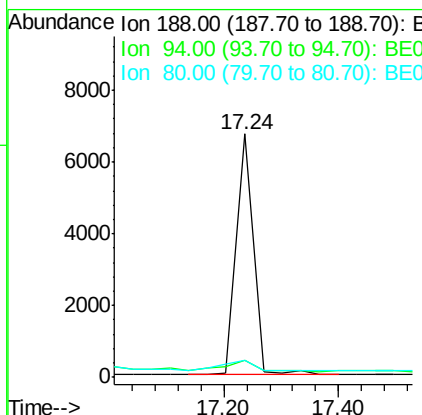
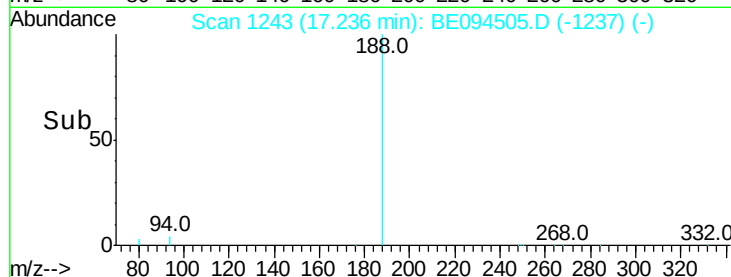
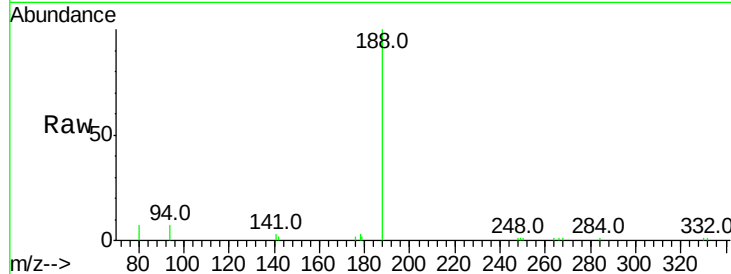
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE094505.D
Acq: 23 Oct 2017 20:59

Instrument :
BNA_E
ClientSampleId :
20170722-C-A-COMP1

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.1	3.9	5.9#
80	6.8	3.6	5.4#

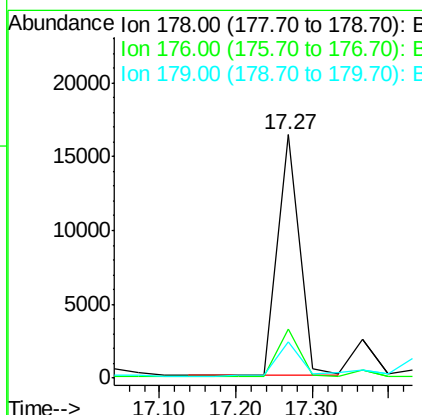
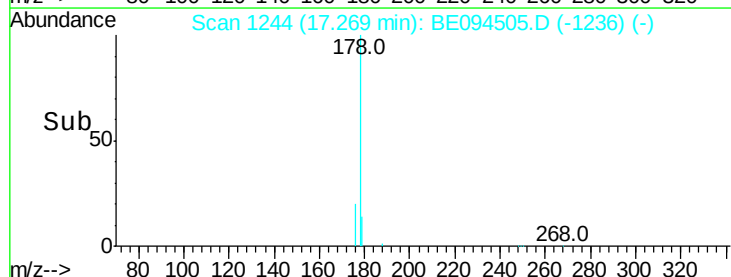
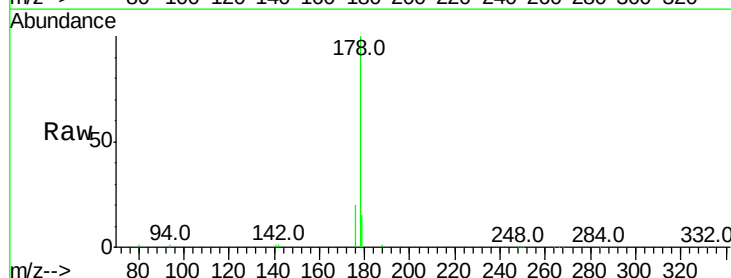
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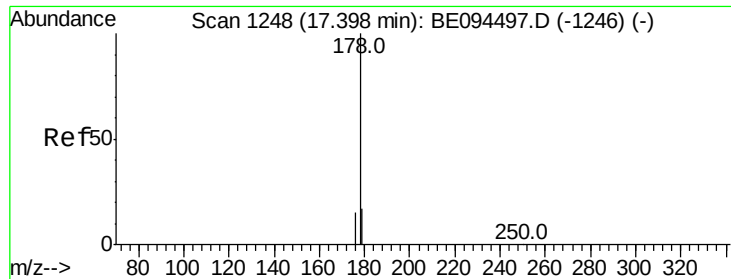
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#23
Phenanthrene
Concen: 1.008 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.03 min
Lab File: BE094505.D
Acq: 23 Oct 2017 20:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.1	22.7
179	16.0	11.8	17.6





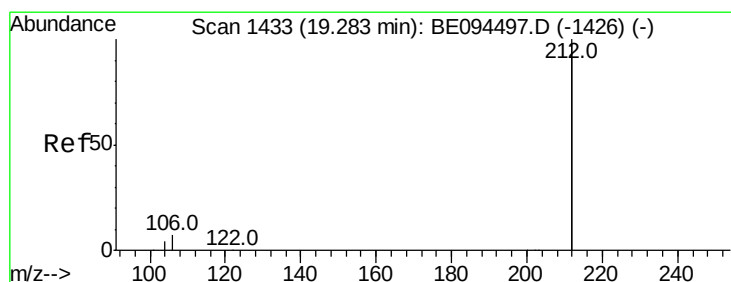
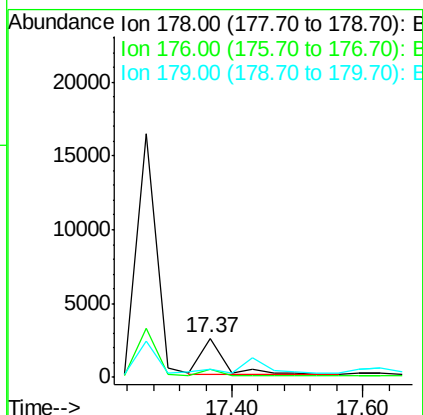
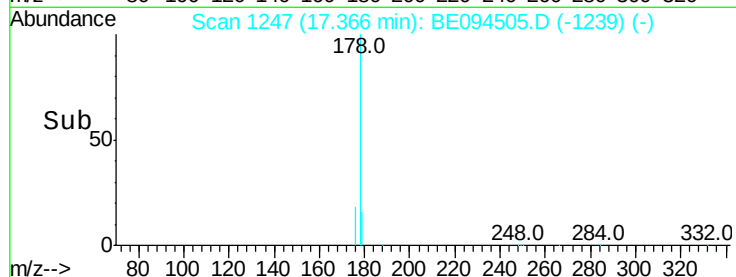
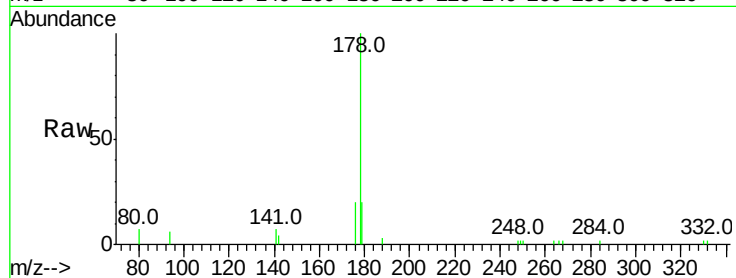
#24
 Anthracene
 Concen: 0.149 ng
 RT: 17.37 min Scan# 1247
 Delta R.T. -0.03 min
 Lab File: BE094505.D
 Acq: 23 Oct 2017 20:59

Instrument :
 BNA_E
 ClientSampleId :
 20170722-C-A-COMP1

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.0	12.8	19.2
179	0.0	13.0	19.6#

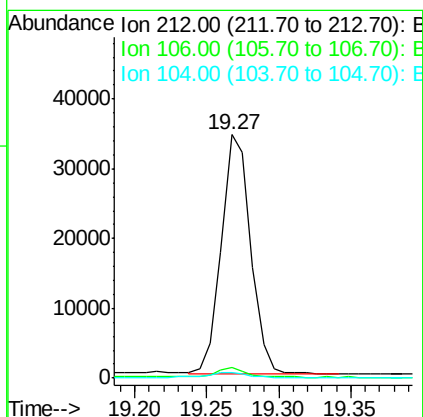
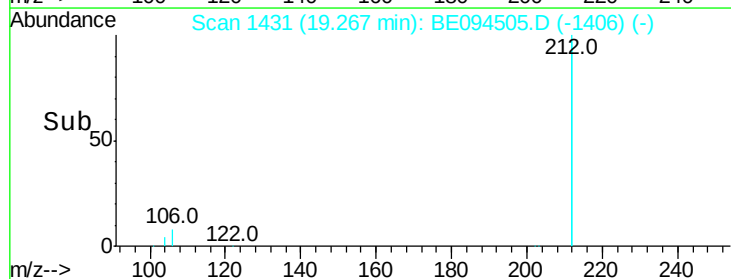
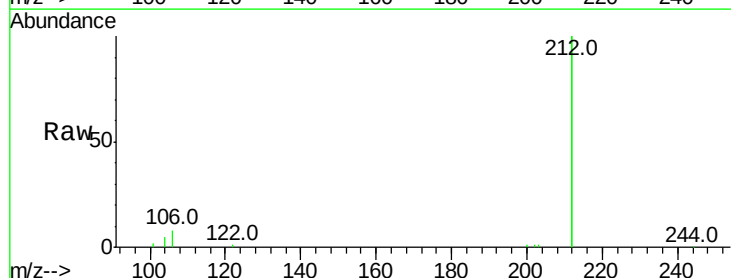
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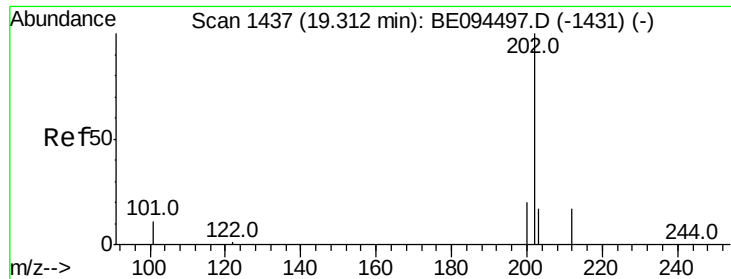
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#25
 Fluoranthene-d10
 Concen: 0.264 ng
 RT: 19.27 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BE094505.D
 Acq: 23 Oct 2017 20:59

Tgt Ion	Ratio	Lower	Upper
212	100		
106	3.7	2.8	4.2
104	2.3	1.6	2.4





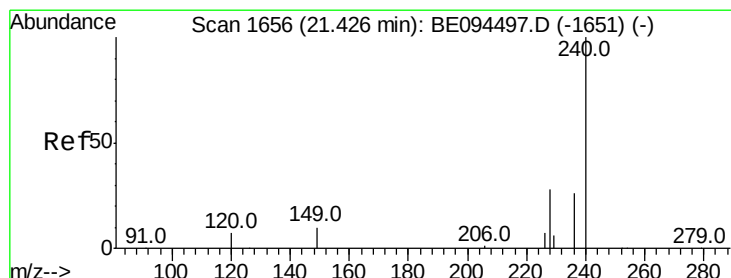
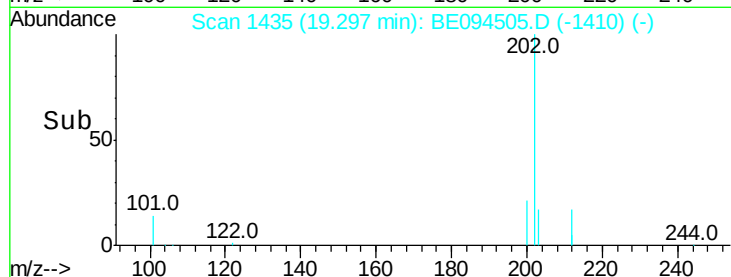
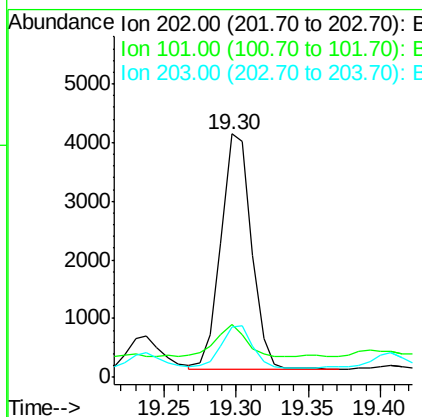
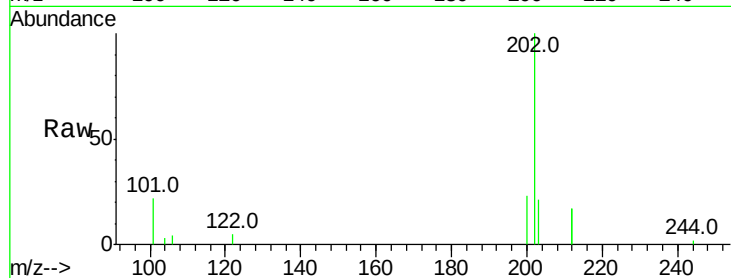
#26
Fluoranthene
Concen: 0.057 ng
RT: 19.30 min Scan# 1435
Delta R.T. -0.02 min
Lab File: BE094505.D
Acq: 23 Oct 2017 20:59

Instrument :
BNA_E
ClientSampleId :
20170722-C-A-COMP1

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.7	9.8	14.8
203	19.0	13.7	20.5

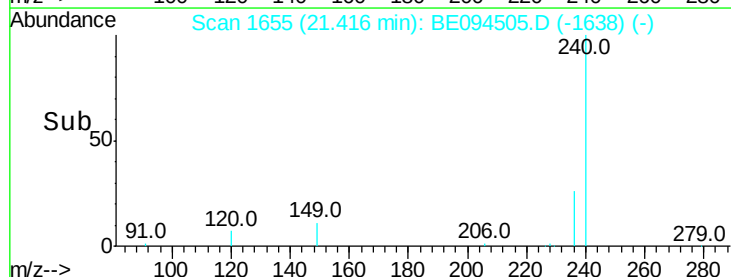
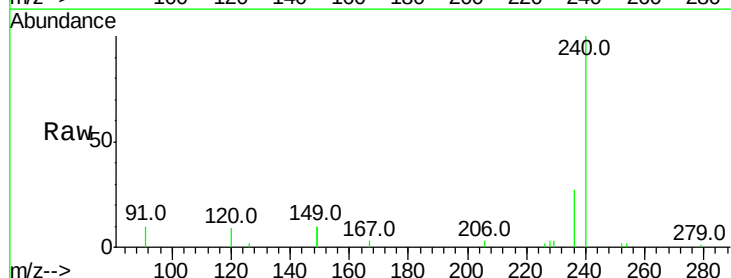
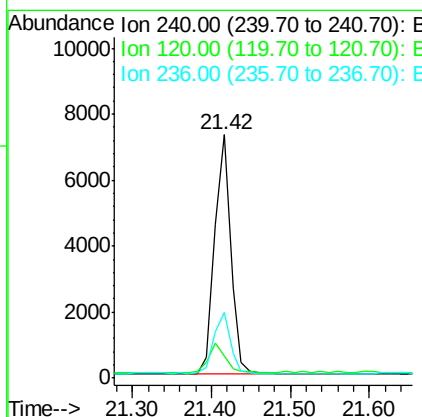
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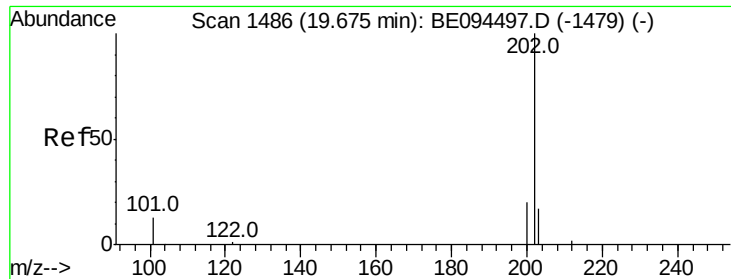
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#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.42 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BE094505.D
Acq: 23 Oct 2017 20:59

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.2	5.5	8.3#
236	27.0	20.7	31.1





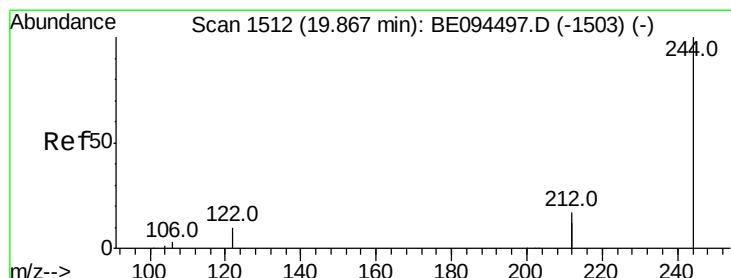
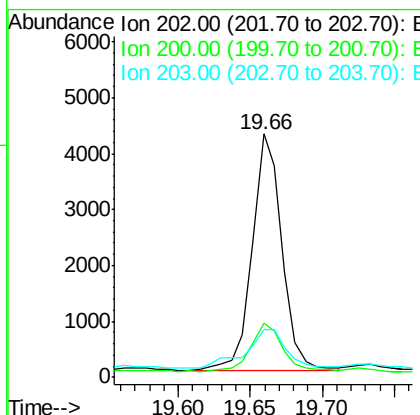
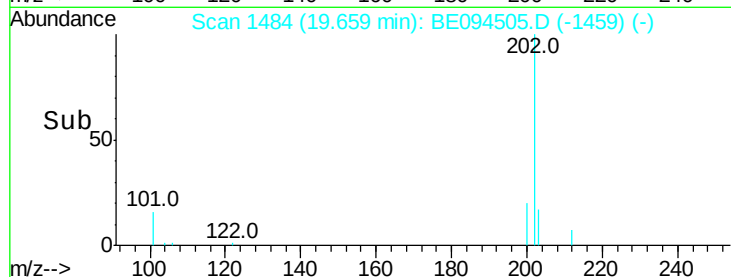
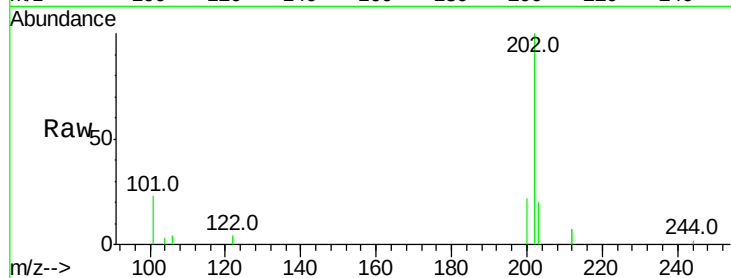
#28
Pvrene
Concen: 0.167 ng
RT: 19.66 min Scan# 1484
Delta R.T. -0.02 min
Lab File: BE094505.D
Acq: 23 Oct 2017 20:59

Instrument :
BNA_E
ClientSampleId :
20170722-C-A-COMP1

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	16.6	25.0
203	22.8	13.8	20.8

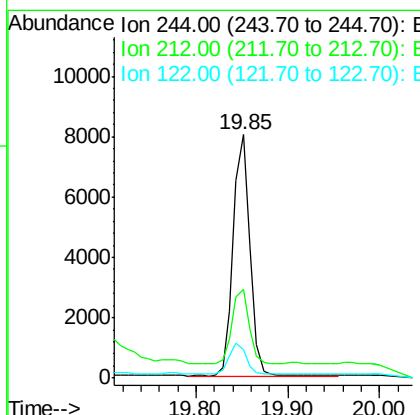
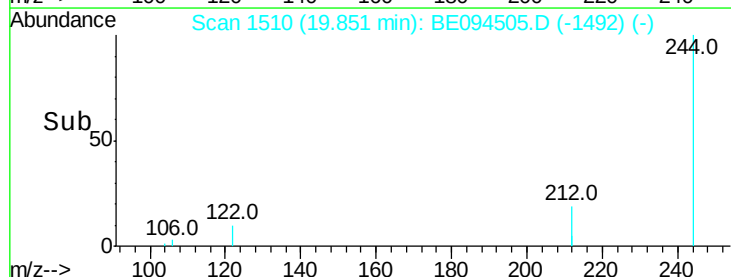
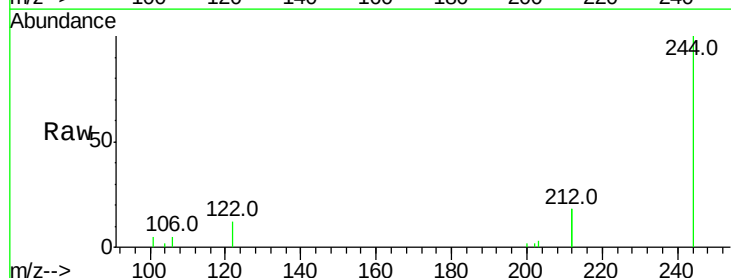
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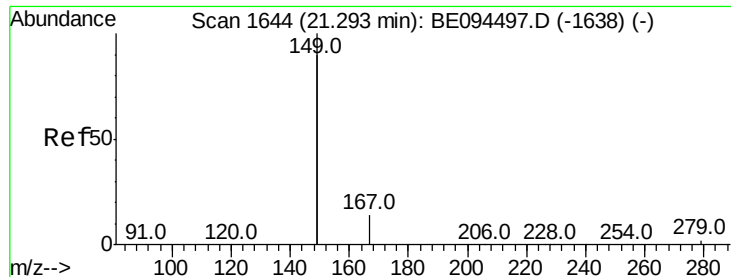
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#29
Terphenyl-d14
Concen: 0.512 ng
RT: 19.85 min Scan# 1510
Delta R.T. -0.02 min
Lab File: BE094505.D
Acq: 23 Oct 2017 20:59

Tgt Ion	Ratio	Lower	Upper
244	100		
212	36.7	25.4	38.0
122	11.8	8.1	12.1





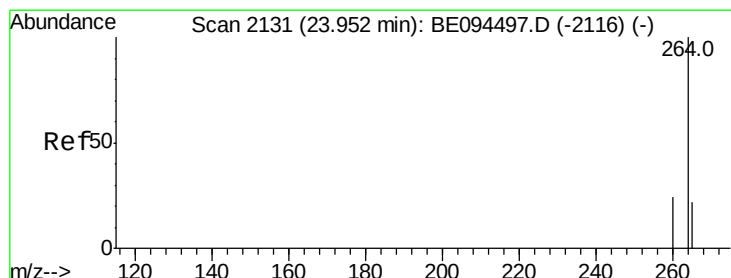
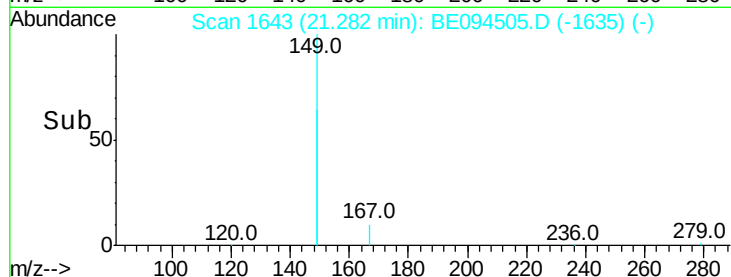
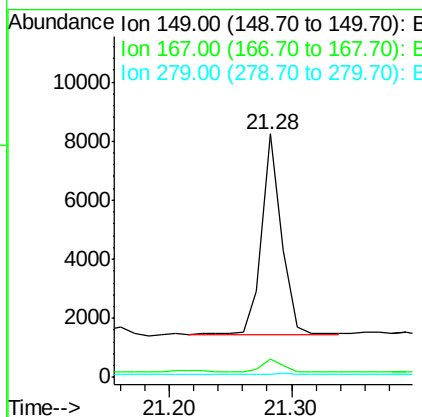
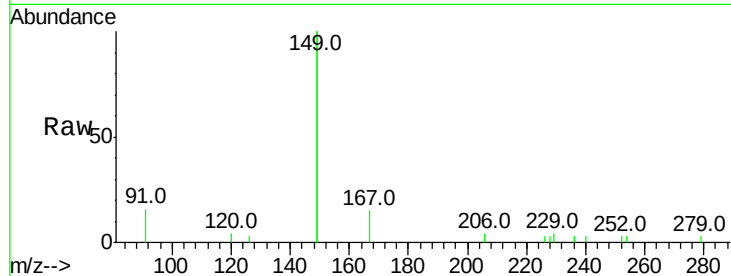
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.094 ng
 RT: 21.28 min Scan# 1643
 Delta R.T. -0.01 min
 Lab File: BE094505.D
 Acq: 23 Oct 2017 20:59

Instrument :
 BNA_E
 ClientSampleId :
 20170722-C-A-COMP1

Tot Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.4	8.0
279	1.1	0.7	1.1

Manual Integrations
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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.94 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BE094505.D
 Acq: 23 Oct 2017 20:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.5	30.7
265	28.9	22.8	34.2

