

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE112717\
 Data File : BE094865.D
 Acq On : 27 Nov 2017 10:41
 Operator : SJ/JU
 Sample : I6336-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 50

Instrument :
 BNA_E
 ClientSampleId :
 CF-1B(4-5)

Manual Integrations
 APPROVED

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Quant Time: Nov 27 12:23:56 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	7.88	152	31498	20.00	ng	-0.03
7) Naphthalene-d8	10.67	136	201198	20.00	ng	-0.03
13) Acenaphthene-d10	14.50	164	136279	20.00	ng	-0.01
19) Phenanthrene-d10	17.24	188	276915	20.00	ng	0.00
27) Chrysene-d12	21.41	240	356406	20.00	ng	-0.01
34) Perylene-d12	23.94	264	350240	20.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.49	112	42934	19.89	ng	-0.04
5) Phenol-d6	7.09	99	46066	14.14	ng	-0.05
8) Nitrobenzene-d5	9.04	82	141973	44.19	ng	-0.03
11) 2-Methylnaphthalene-d10	12.27	152	17	0.00	ng	-0.02
14) 2,4,6-Tribromophenol	16.00	330	59594	79.27	ng	-0.03
15) 2-Fluorobiphenyl	13.12	172	352663	36.71	ng	-0.03
25) Fluoranthene-d10	19.27	212	56	-50.00	ng	0.00
29) Terphenyl-d14	19.84	244	507235	37.74	ng	-0.02
Target Compounds						
9) Naphthalene	10.72	128	73595	1.616	ng	99
12) 2-Methylnaphthalene	12.34	142	7454	0.965	ng	97
16) Acenaphthylene	14.23	152	2358	0.164	ng	# 95
17) Acenaphthene	14.56	154	40396	4.372	ng	98
18) Fluorene	15.55	166	35810	3.024	ng	96
23) Phenanthrene	17.27	178	58836	1.191	ng	# 94
28) Pyrene	19.67	202	12036	0.483	ng	96
30) Benzo(a)anthracene	21.39	228	2020	0.087	ng	# 73
32) Bis(2-ethylhexyl)phthalate	21.27	149	12049	0.212	ng	# 100

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

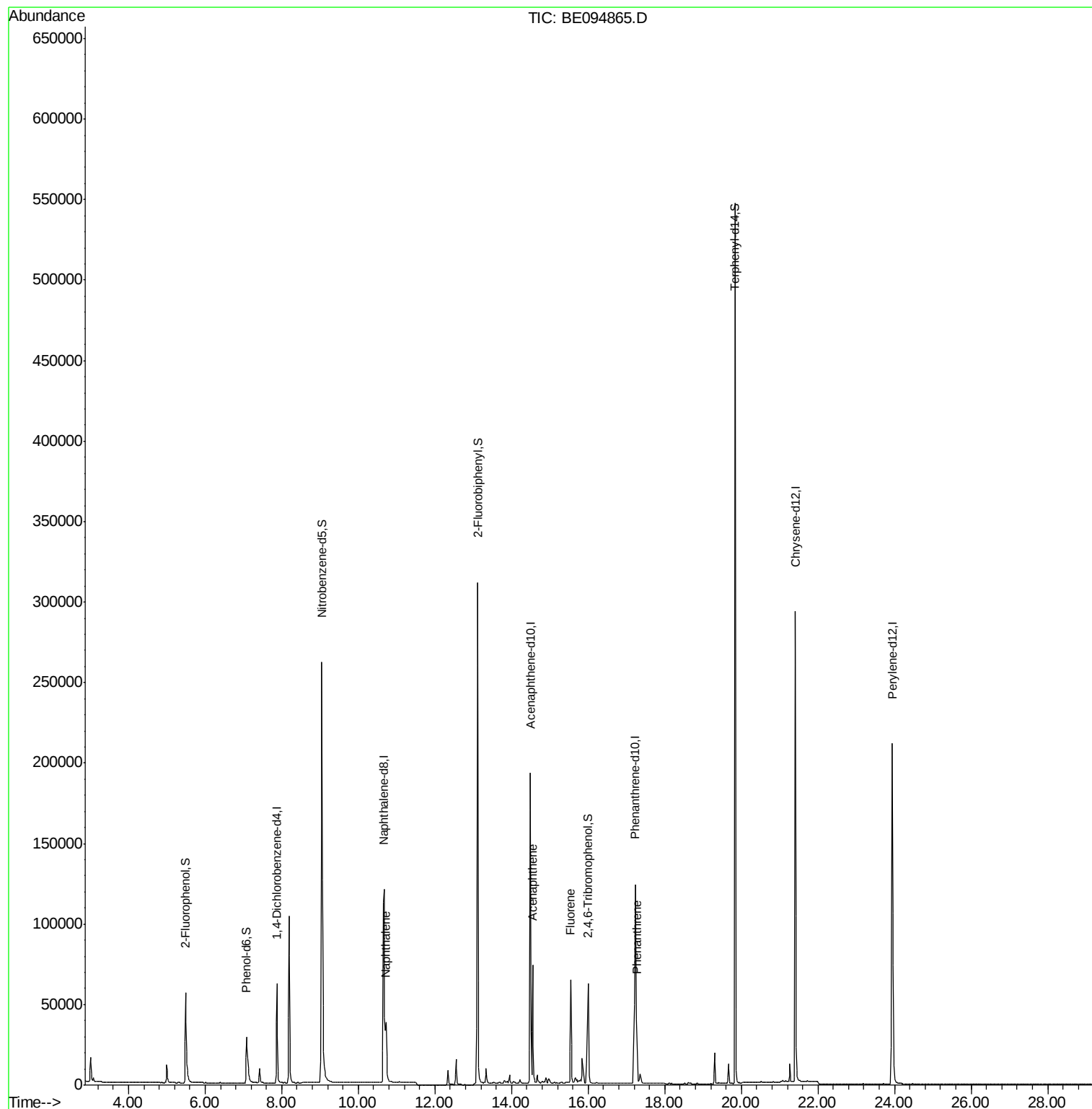
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE112717\
Data File : BE094865.D
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Operator : SJ/JU
Sample : I6336-02
Misc :
ALS Vial : 4 Sample Multiplier: 50

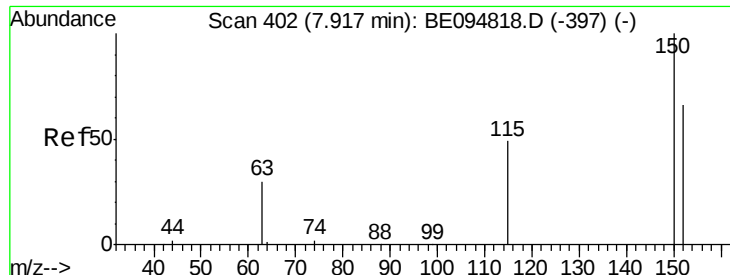
Instrument :
BNA_E
ClientSampleId :
CF-1B(4-5)

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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

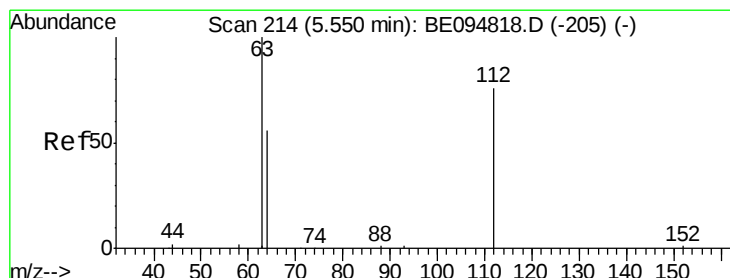
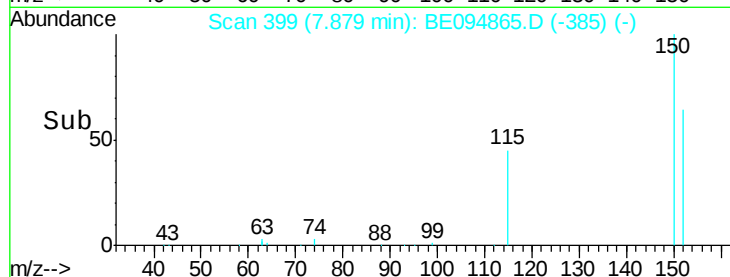
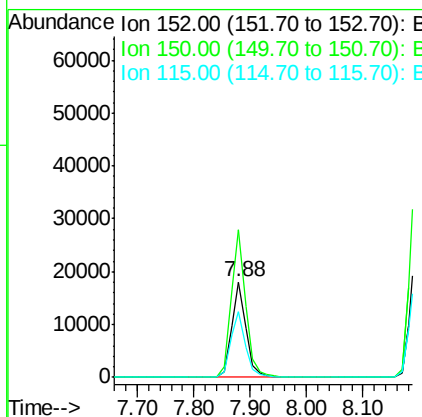
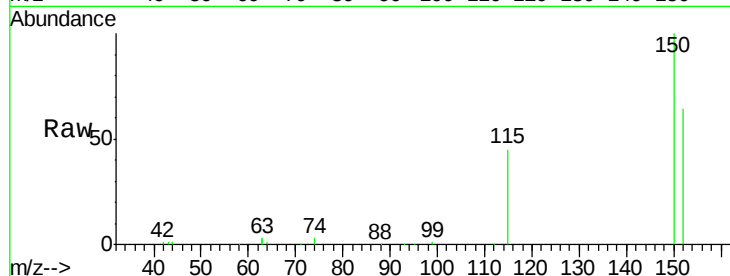
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.88 min Scan# 399
Delta R.T. -0.03 min
Lab File: BE094865.D
Acq: 27 Nov 2017 10:41

Instrument :
BNA_E
ClientSampleId :
CF-1B(4-5)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.1	117.2	175.8
115	69.4	57.0	85.6

Manual Integrations
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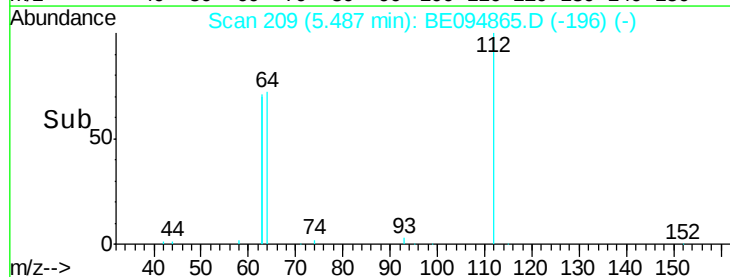
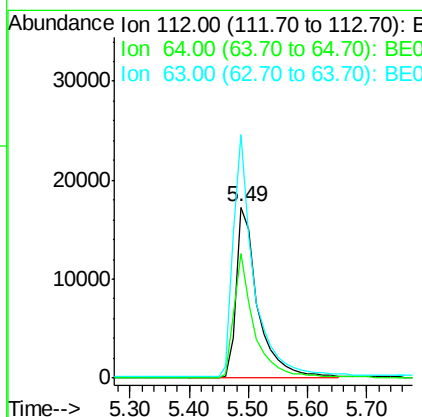
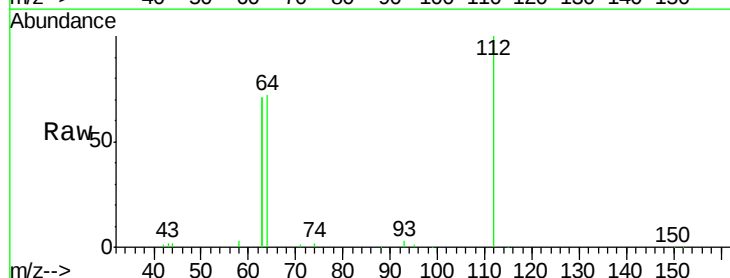
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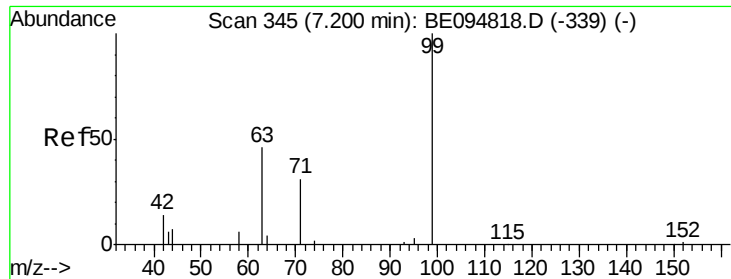


#4

2-Fluorophenol
Concen: 19.894 ng
RT: 5.49 min Scan# 209
Delta R.T. -0.04 min
Lab File: BE094865.D
Acq: 27 Nov 2017 10:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.0	60.1	90.1
63	132.8	116.8	175.2





#5

Phenol-d6

Concen: 14.141 ng

RT: 7.09 min Scan# 336

Delta R.T. -0.05 min

Lab File: BE094865.D

Acq: 27 Nov 2017 10:41

Instrument :

BNA_E

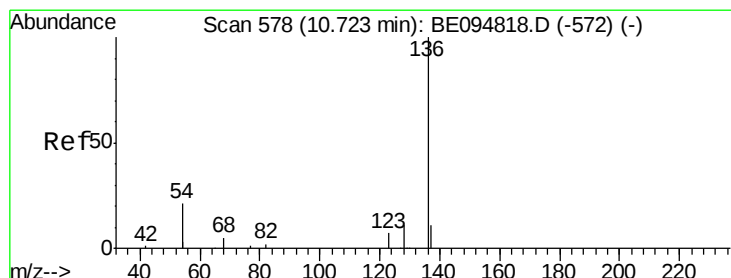
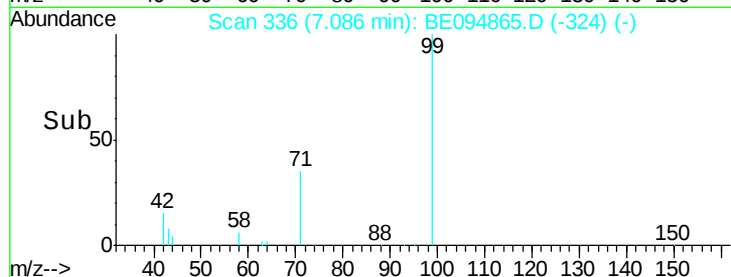
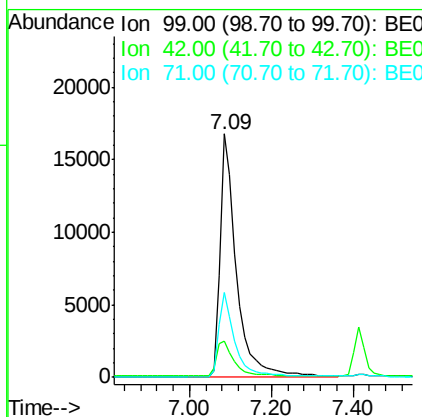
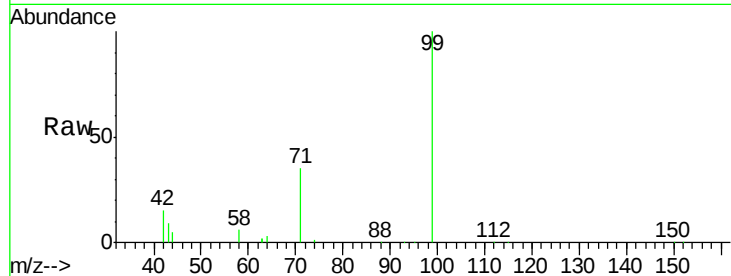
ClientSampleId :

CF-1B(4-5)

Tgt Ion:	99	Resp:	46066
Ion	Ratio	Lower	Upper
99	100		
42	16.1	20.2	30.2#
71	34.1	28.4	42.6

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#7

Naphthalene-d8

Concen: 20.000 ng

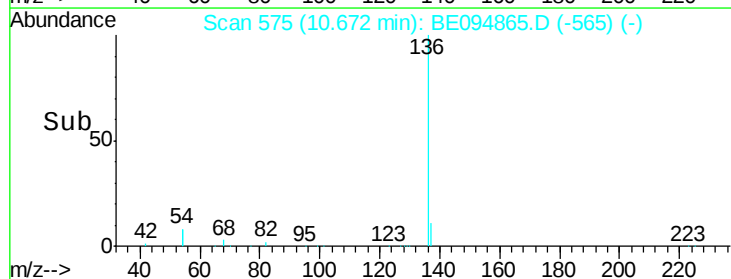
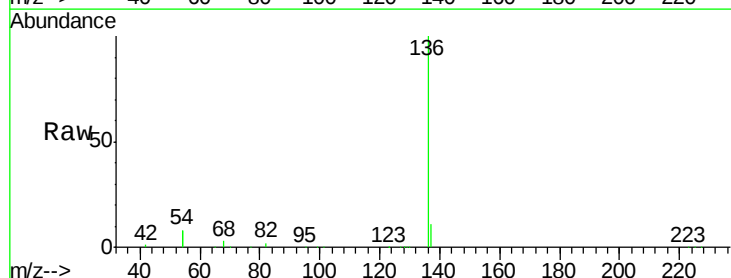
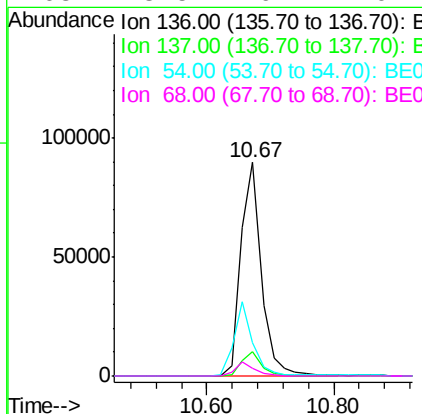
RT: 10.67 min Scan# 575

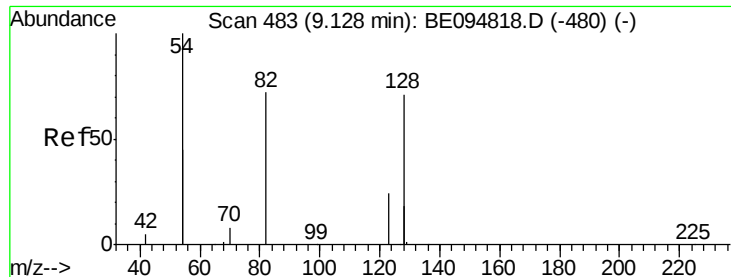
Delta R.T. -0.03 min

Lab File: BE094865.D

Acq: 27 Nov 2017 10:41

Tgt Ion:	136	Resp:	201198
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.5	14.3
54	15.7	29.1	43.7#
68	3.5	6.2	9.2#





#8

Nitrobenzene-d5

Concen: 44.192 ng

RT: 9.04 min Scan# 478

Delta R.T. -0.03 min

Lab File: BE094865.D

Acq: 27 Nov 2017 10:41

Instrument :

BNA_E

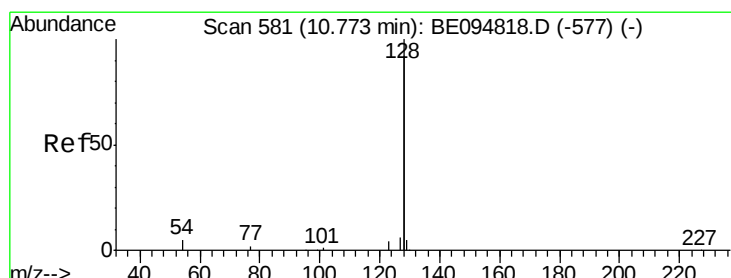
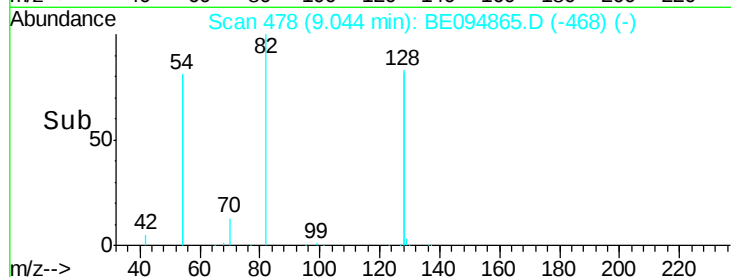
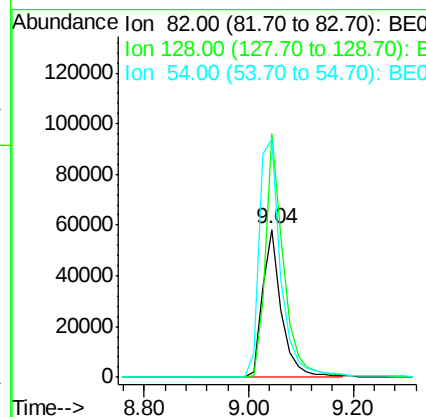
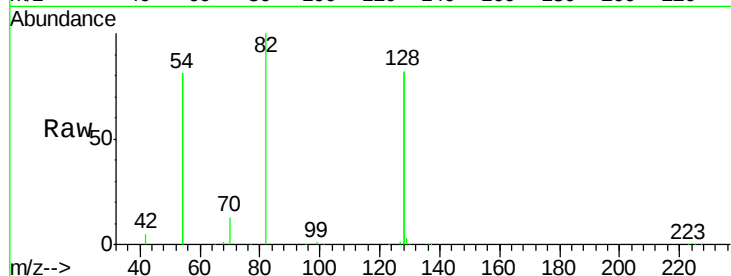
ClientSampleId :

CF-1B(4-5)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	164.9	150.0	225.0
54	161.5	154.2	231.4

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#9

Naphthalene

Concen: 1.616 ng

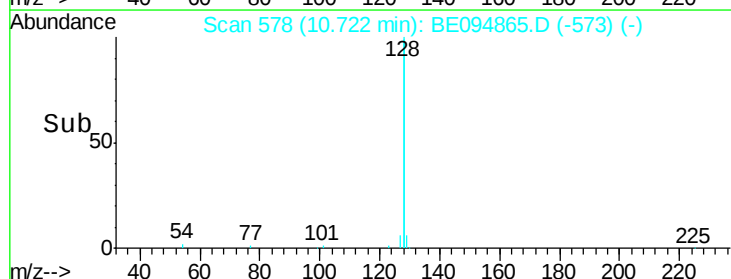
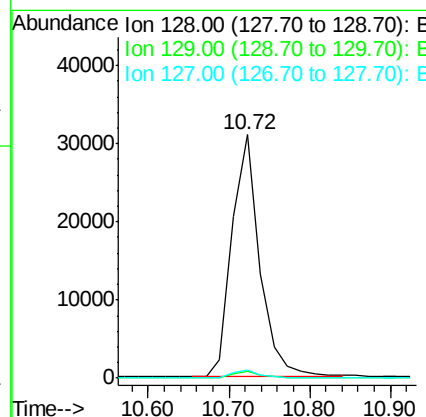
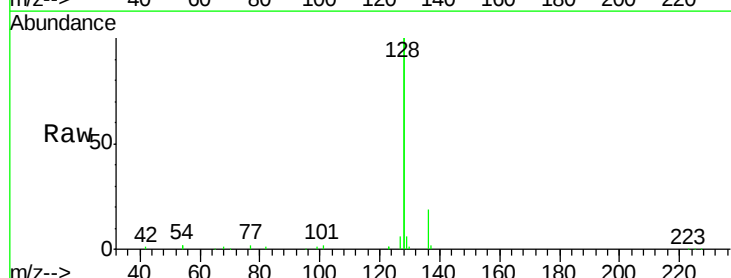
RT: 10.72 min Scan# 578

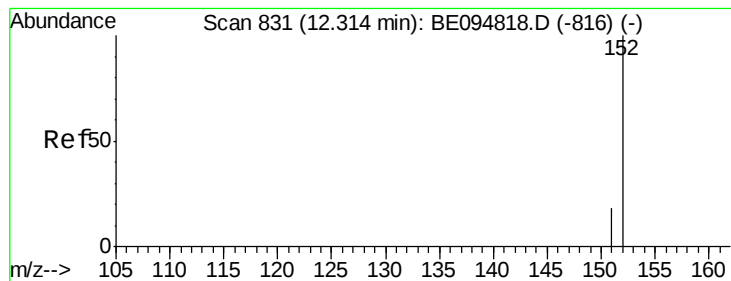
Delta R.T. -0.02 min

Lab File: BE094865.D

Acq: 27 Nov 2017 10:41

Tgt Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.6	3.8
127	3.2	2.8	4.2





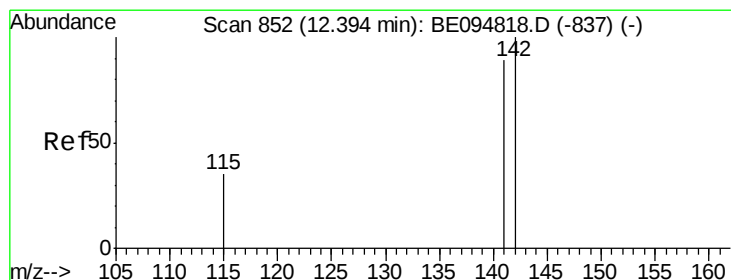
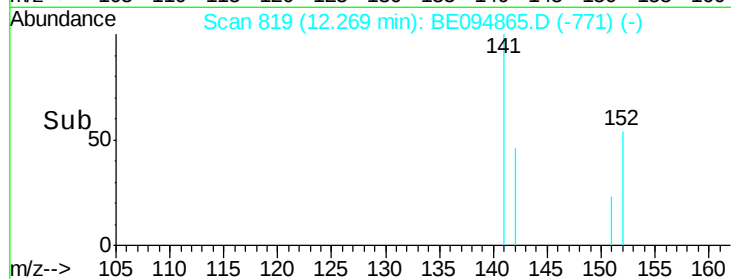
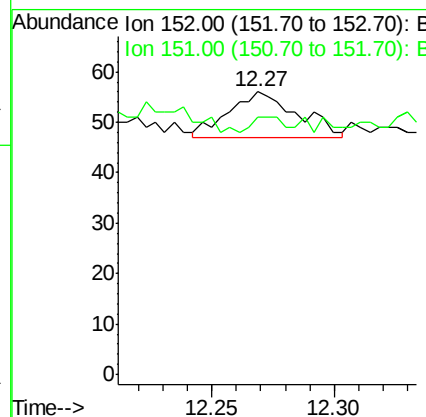
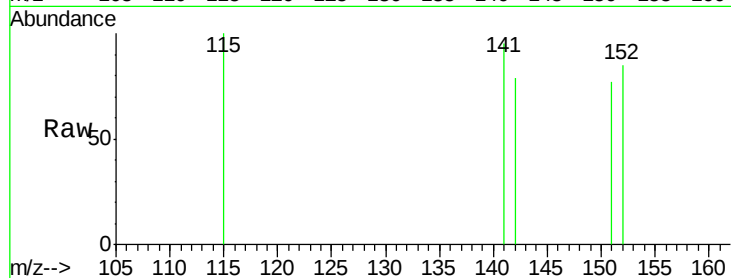
#11
 2-Methylnaphthalene-d10
 Concen: 0.003 ng
 RT: 12.27 min Scan# 819
 Delta R.T. -0.02 min
 Lab File: BE094865.D
 Acq: 27 Nov 2017 10:41

Instrument :
 BNA_E
 ClientSampleId :
 CF-1B(4-5)

Tgt Ion:152 Resp: 17
 Ion Ratio Lower Upper
 152 100
 151 17.6 15.4 23.0

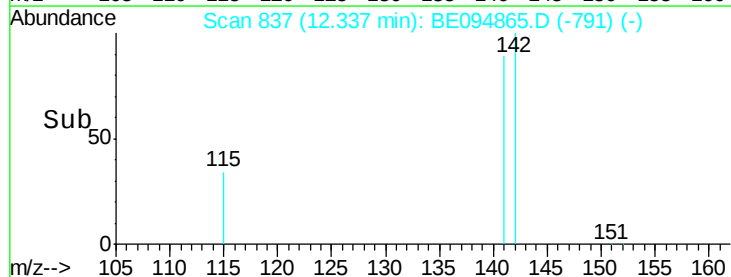
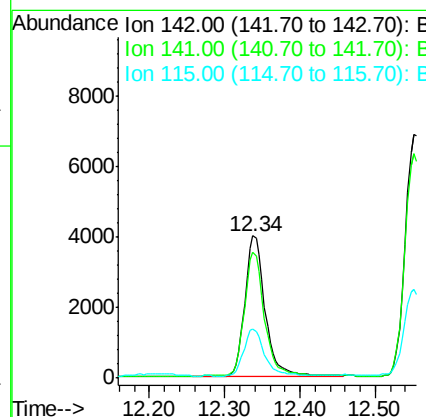
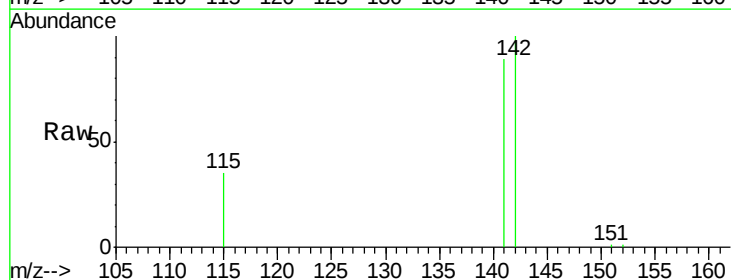
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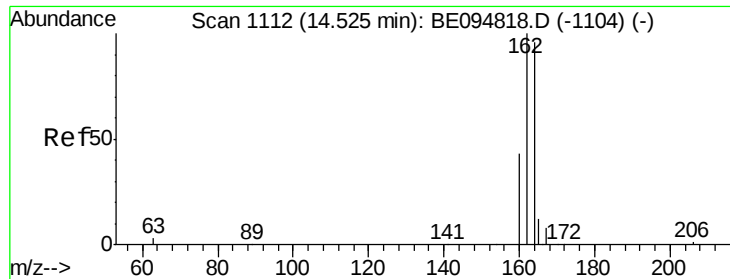
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#12
 2-Methylnaphthalene
 Concen: 0.965 ng
 RT: 12.34 min Scan# 837
 Delta R.T. -0.03 min
 Lab File: BE094865.D
 Acq: 27 Nov 2017 10:41

Tgt Ion:142 Resp: 7454
 Ion Ratio Lower Upper
 142 100
 141 88.7 70.4 105.6
 115 34.7 31.7 47.5





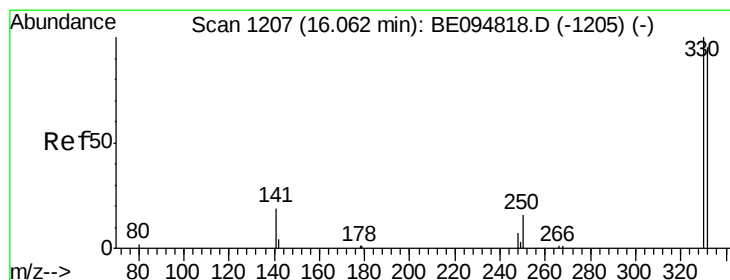
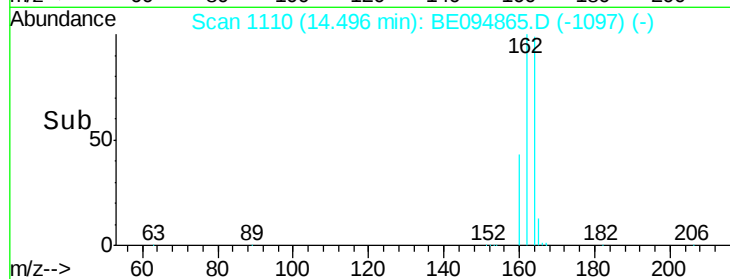
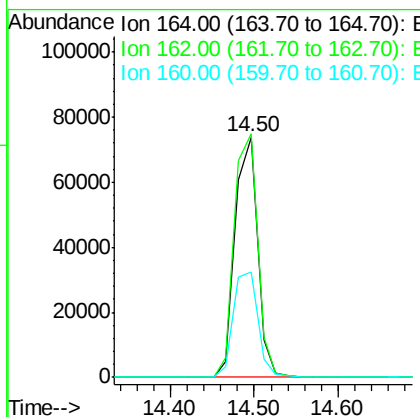
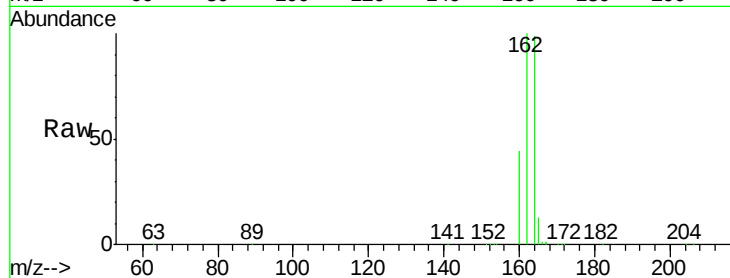
#13
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.50 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BE094865.D
Acq: 27 Nov 2017 10:41

Instrument :
BNA_E
ClientSampleId :
CF-1B(4-5)

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.3	83.1	124.7	
160	44.1	37.1	55.7	

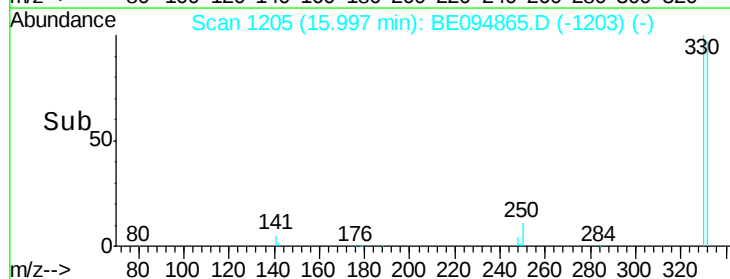
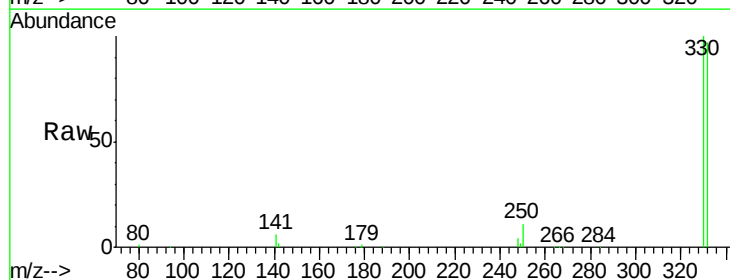
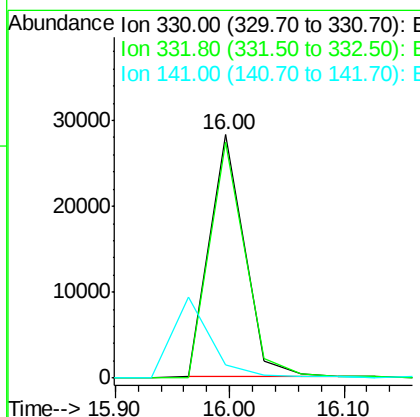
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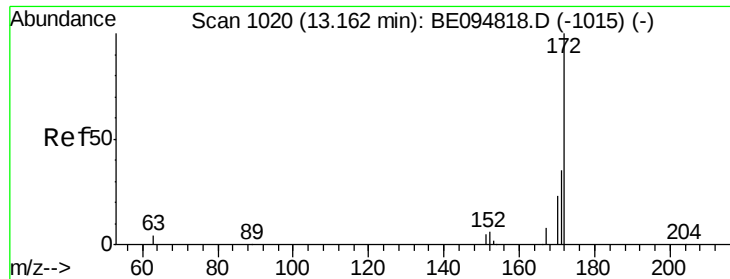
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#14
2,4,6-Tribromophenol
Concen: 79.267 ng
RT: 16.00 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BE094865.D
Acq: 27 Nov 2017 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.5	152.7	229.1#	
141	0.0	33.7	50.5#	





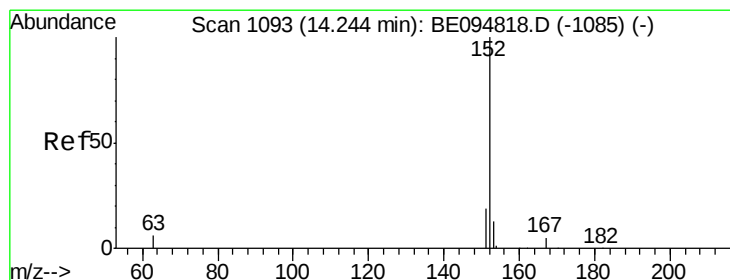
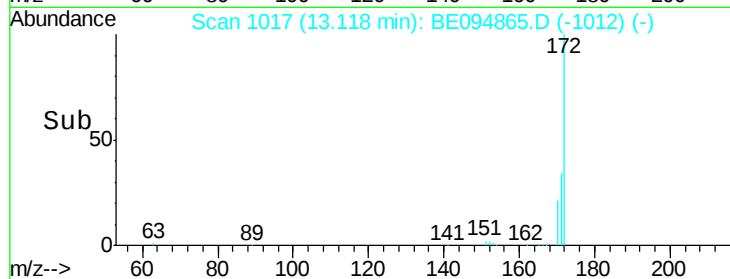
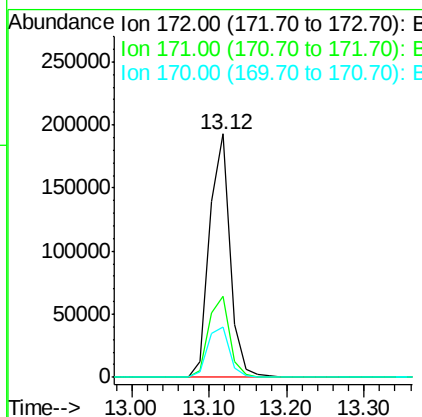
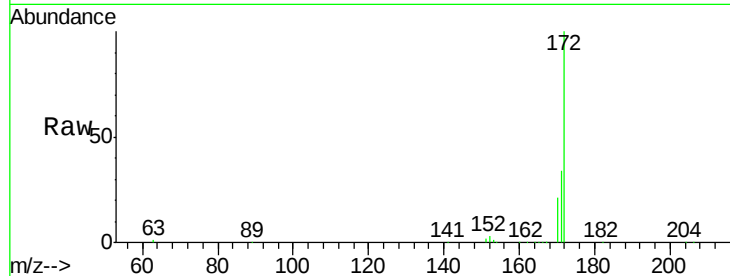
#15
2-Fluorobiphenyl
Concen: 36.713 ng
RT: 13.12 min Scan# 1017
Delta R.T. -0.03 min
Lab File: BE094865.D
Acq: 27 Nov 2017 10:41

Instrument :
BNA_E
ClientSampled :
CF-1B(4-5)

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	352663		
171	33.5	29.9	44.9	
170	20.8	21.8	32.8	

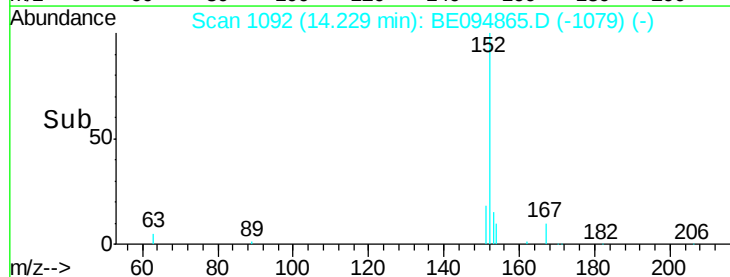
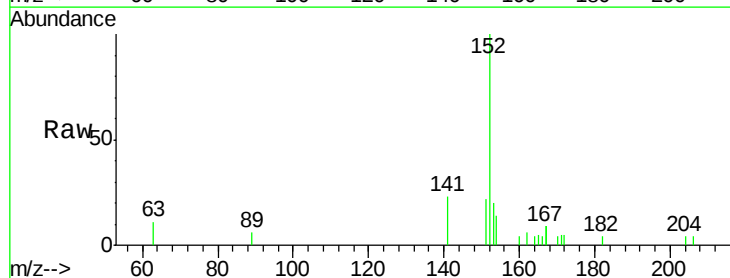
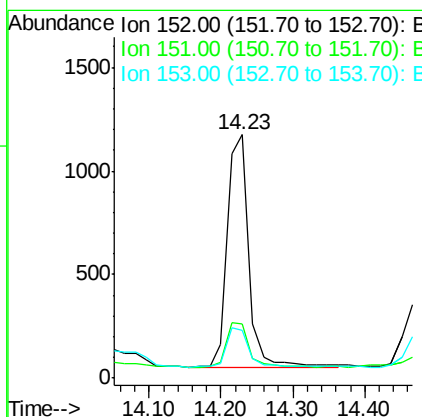
Manual Integrations
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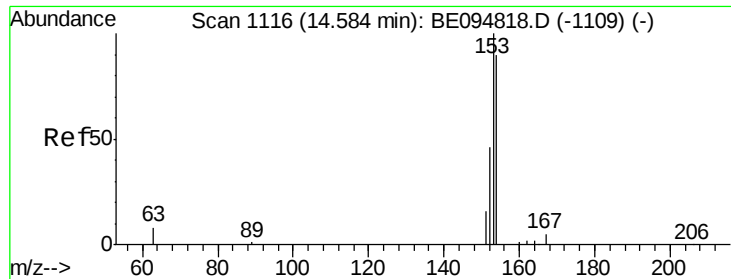
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#16
Acenaphthylene
Concen: 0.164 ng
RT: 14.23 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BE094865.D
Acq: 27 Nov 2017 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	2358		
151	20.2	15.7	23.5	
153	17.7	10.5	15.7	





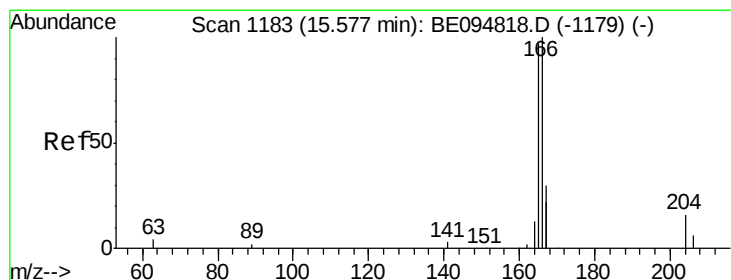
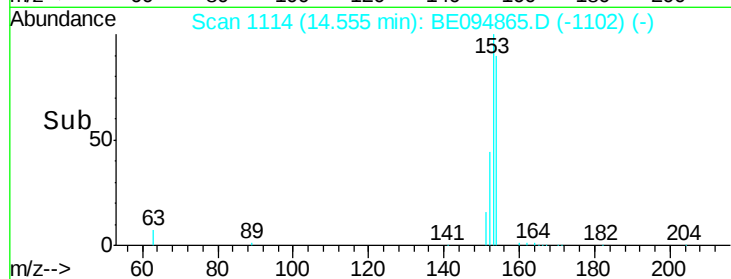
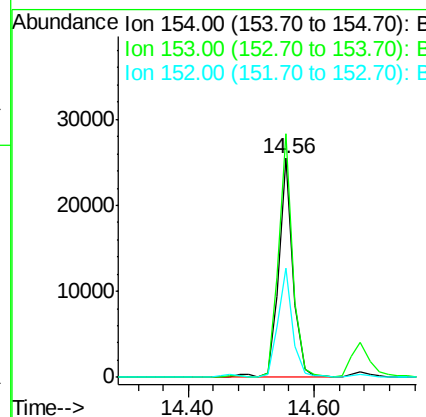
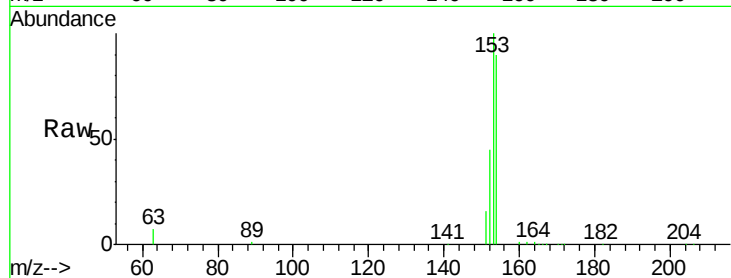
#17
Acenaphthene
Concen: 4.372 ng
RT: 14.56 min Scan# 1114
Delta R.T. -0.03 min
Lab File: BE094865.D
Acq: 27 Nov 2017 10:41

Instrument :
BNA_E
ClientSampleId :
CF-1B(4-5)

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.3	89.2	133.8
152	50.6	42.0	63.0

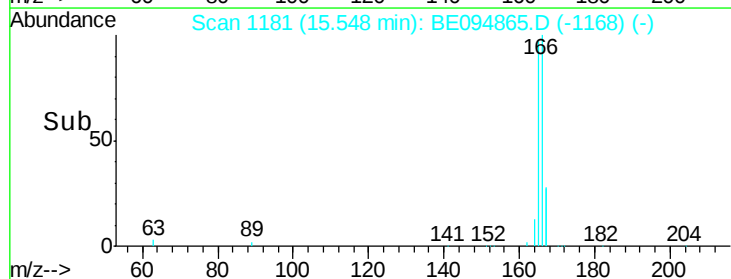
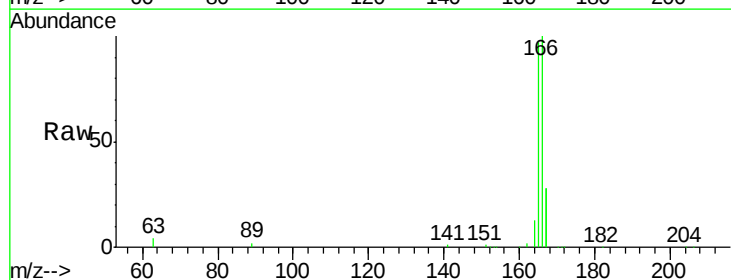
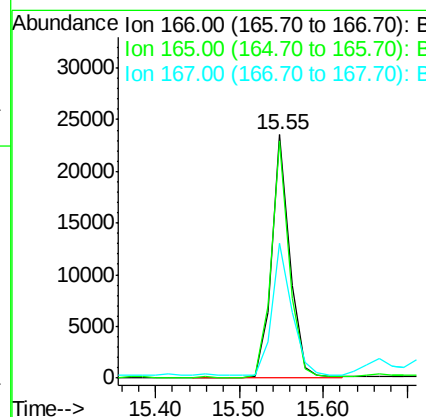
Manual Integrations
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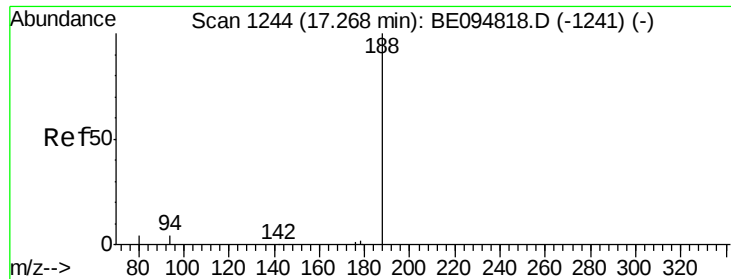
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#18
Fluorene
Concen: 3.024 ng
RT: 15.55 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BE094865.D
Acq: 27 Nov 2017 10:41

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.3	77.8	116.6
167	58.9	42.4	63.6





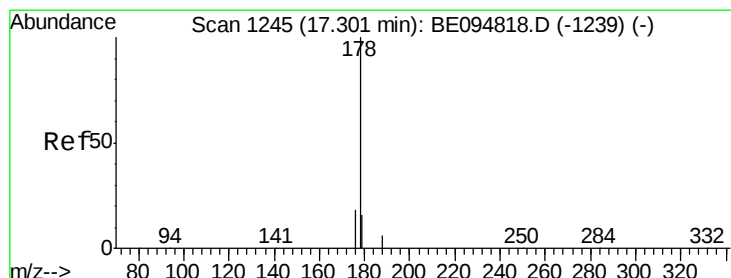
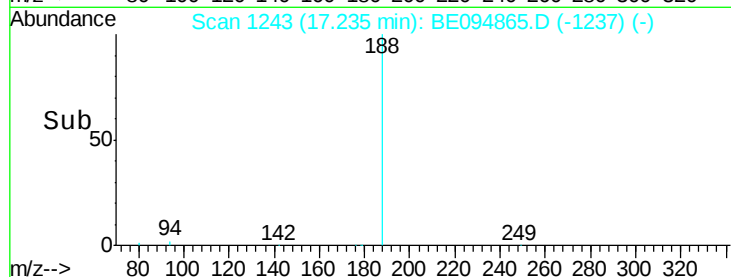
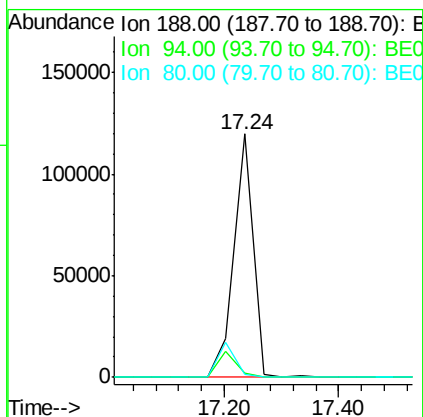
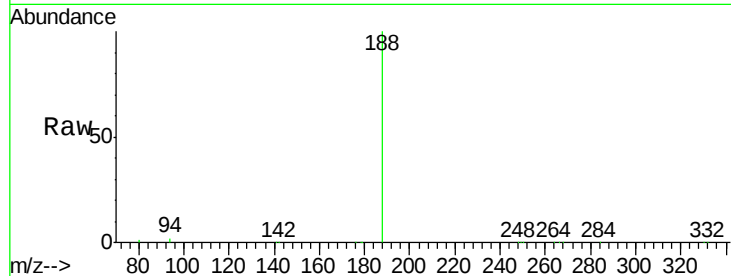
#19
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE094865.D
Acq: 27 Nov 2017 10:41

Instrument :
BNA_E
ClientSampleId :
CF-1B(4-5)

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	1.7	3.9	5.9#
80	1.3	3.6	5.4#

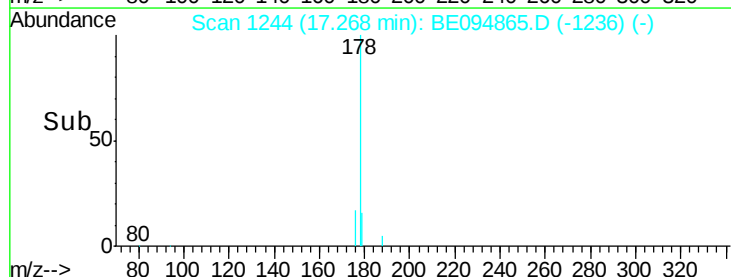
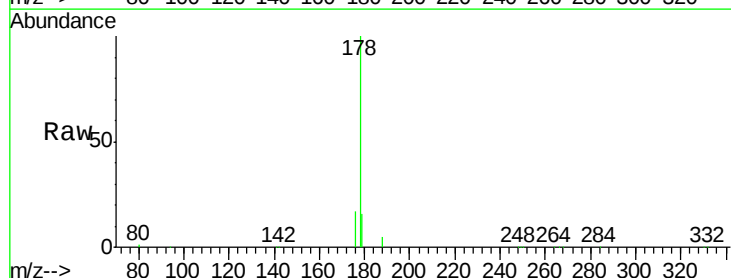
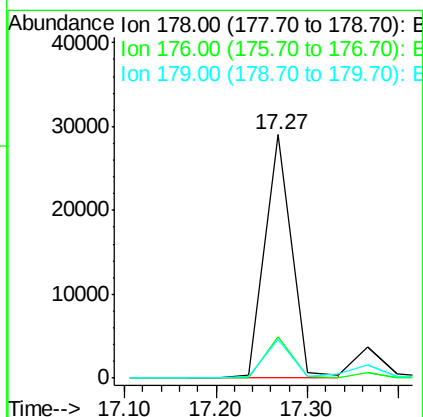
Manual Integrations
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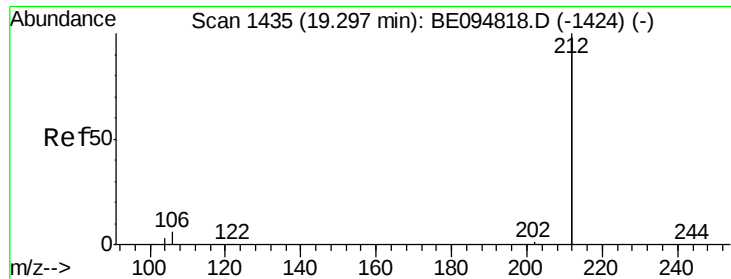
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#23
Phenanthrene
Concen: 1.191 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.03 min
Lab File: BE094865.D
Acq: 27 Nov 2017 10:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	17.0	15.1	22.7
179	17.7	11.8	17.6#





#25

Fluoranthene-d10

Concen: -50.000 ng

RT: 19.27 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE094865.D

Acq: 27 Nov 2017 10:41

Instrument :

BNA_E

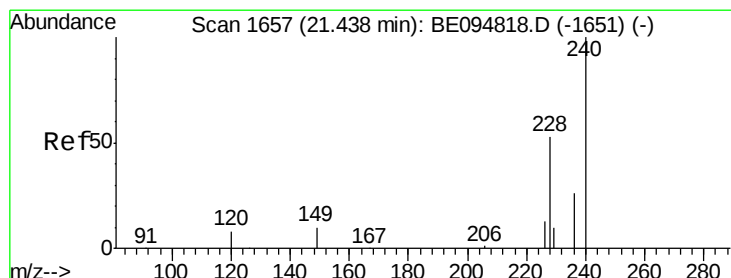
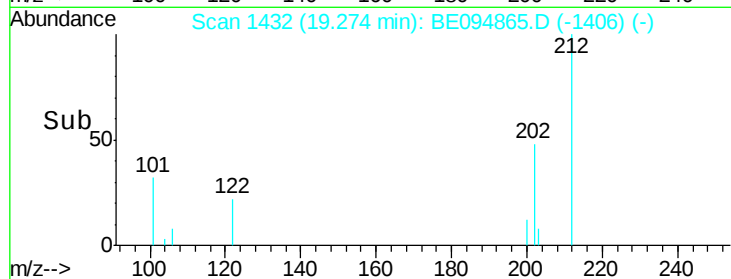
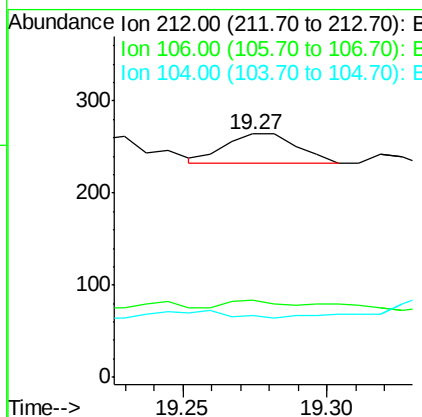
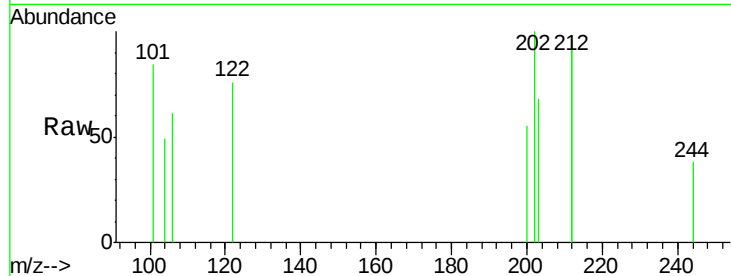
ClientSampled :

CF-1B(4-5)

Tgt Ion:	212	Resp:	56
Ion Ratio	Lower	Upper	
212	100		
106	19.6	2.8	4.2#
104	0.0	1.6	2.4#

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#27

Chrysene-d12

Concen: 20.000 ng

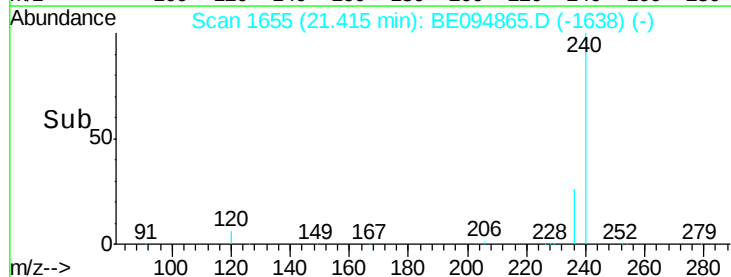
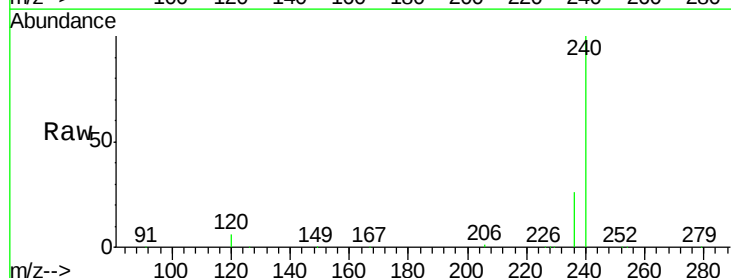
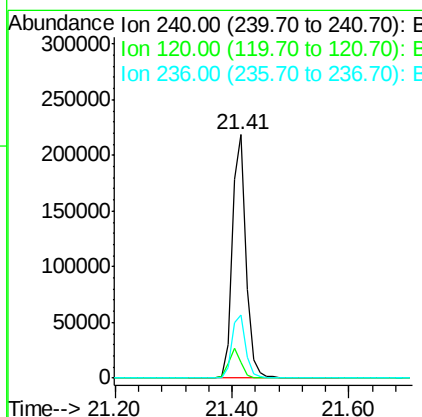
RT: 21.41 min Scan# 1655

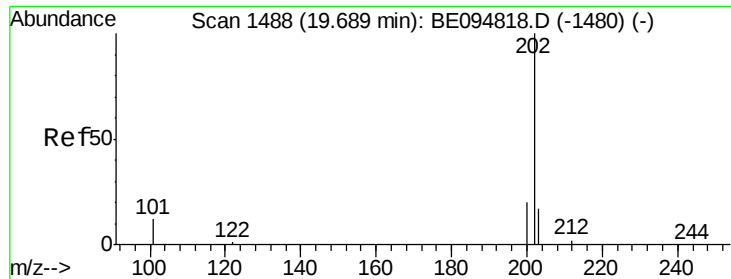
Delta R.T. -0.01 min

Lab File: BE094865.D

Acq: 27 Nov 2017 10:41

Tgt Ion:	240	Resp:	356406
Ion Ratio	Lower	Upper	
240	100		
120	6.4	5.5	8.3
236	25.9	20.7	31.1





#28

Pyrene

Concen: 0.483 ng

RT: 19.67 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BE094865.D

Acq: 27 Nov 2017 10:41

Instrument :

BNA_E

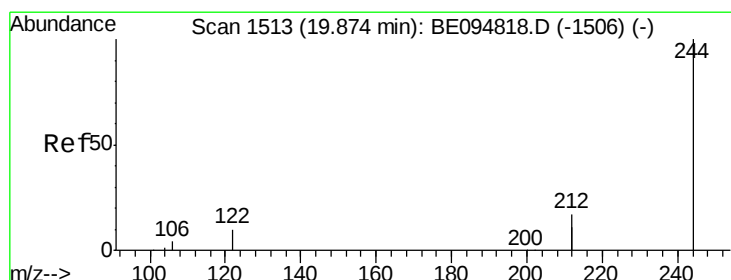
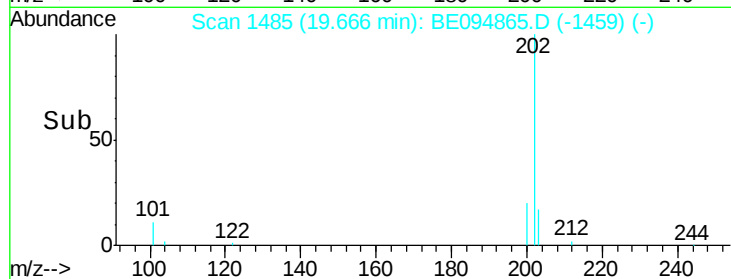
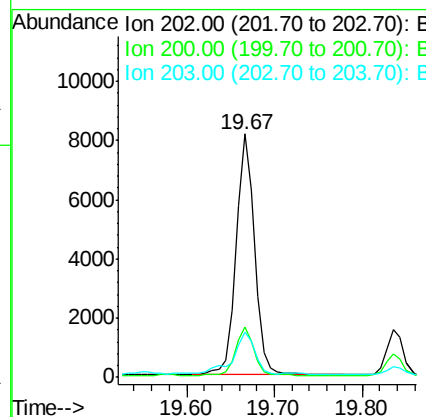
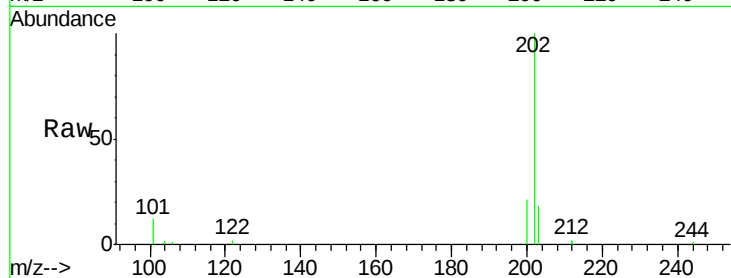
ClientSampled :

CF-1B(4-5)

Tgt Ion:	202	Resp:	12036
Ion Ratio	Lower	Upper	
202	100		
200	20.2	16.6	25.0
203	20.3	13.8	20.8

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#29

Terphenyl-d14

Concen: 37.739 ng

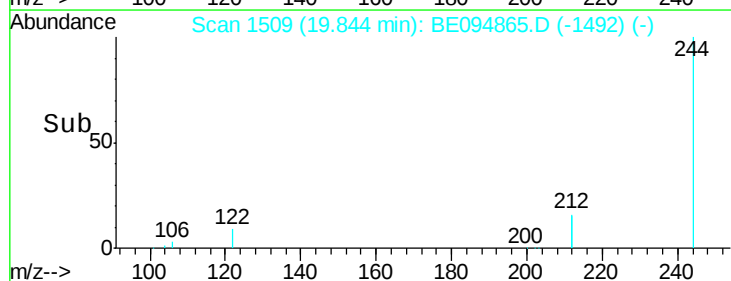
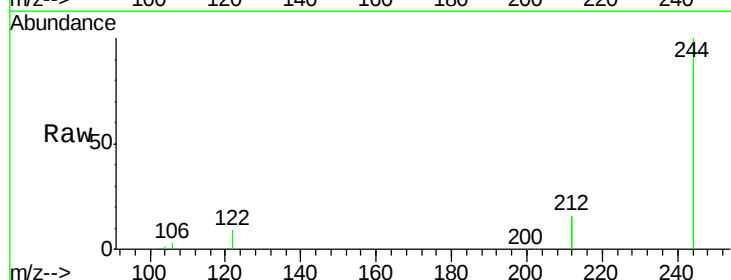
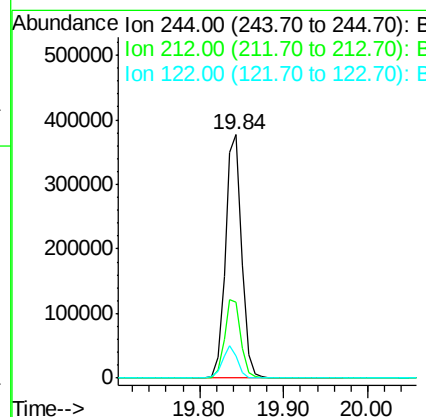
RT: 19.84 min Scan# 1509

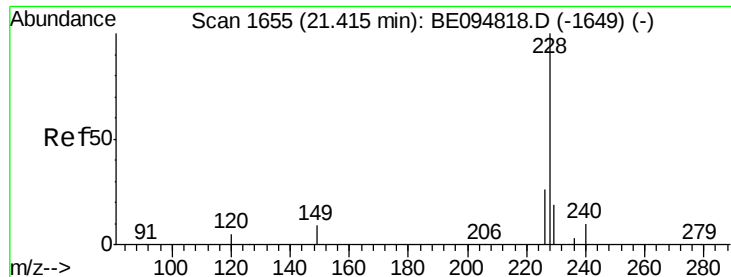
Delta R.T. -0.02 min

Lab File: BE094865.D

Acq: 27 Nov 2017 10:41

Tgt Ion:	244	Resp:	507235
Ion Ratio	Lower	Upper	
244	100		
212	31.0	25.4	38.0
122	9.1	8.1	12.1





#30

Benzo(a)anthracene

Concen: 0.087 ng

RT: 21.39 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BE094865.D

Acq: 27 Nov 2017 10:41

Instrument :

BNA_E

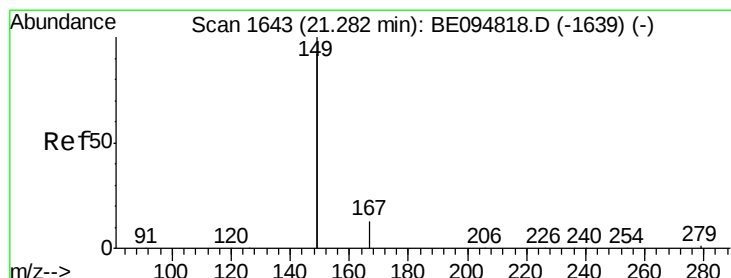
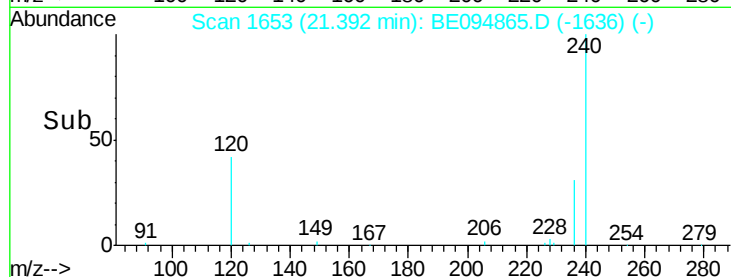
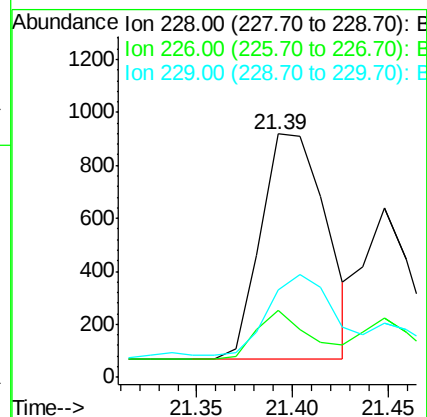
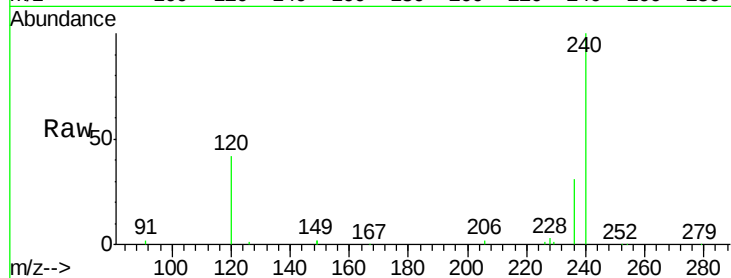
ClientSampleId :

CF-1B(4-5)

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	40.0	60.0#
229	35.7	40.0	60.0#

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.212 ng

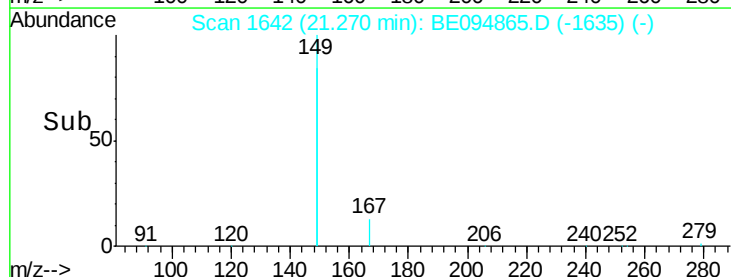
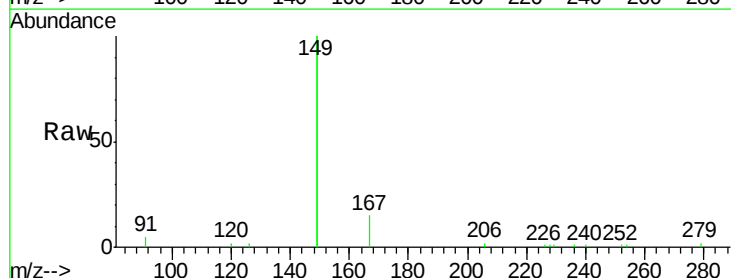
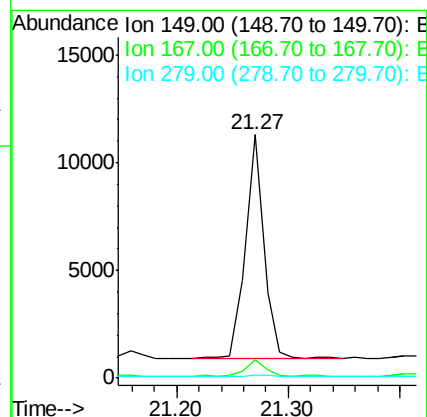
RT: 21.27 min Scan# 1642

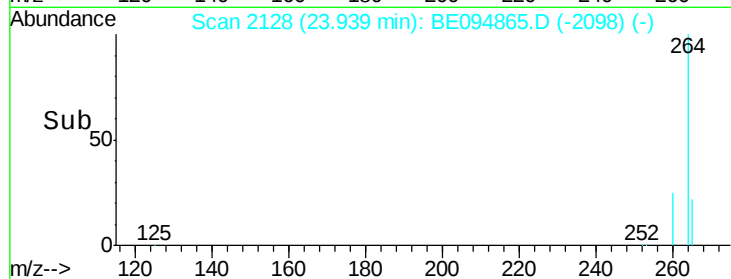
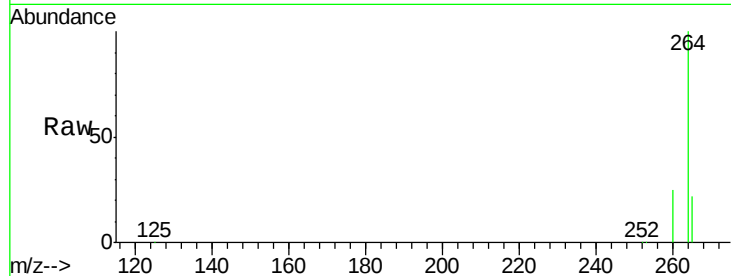
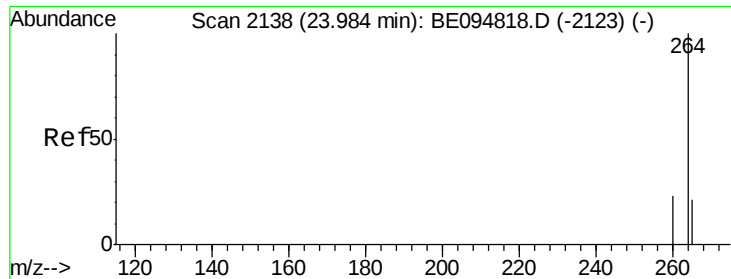
Delta R.T. -0.02 min

Lab File: BE094865.D

Acq: 27 Nov 2017 10:41

Tgt Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.4	8.0
279	1.1	0.7	1.1#





#34

Perylene-d12

Concen: 20.000 ng

RT: 23.94 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BE094865.D

Acq: 27 Nov 2017 10:41

Instrument :

BNA_E

ClientSampleId :

CF-1B(4-5)

Tgt	Ion	Ratio	Resp	Lower	Upper
264	100				
260	24.7	20.5	30.7		
265	21.9	22.8	34.2		

Manual Integrations
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