

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE112717\
 Data File : BE094864.D
 Acq On : 27 Nov 2017 10:05
 Operator : SJ/JU
 Sample : I6336-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 50

Instrument :
 BNA_E
 ClientSampleId :
 CF-1B(1-2)

Manual Integrations
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Sohil
 11/27/2017 5:16:13 PM

Quant Time: Nov 27 12:34:04 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	30020	20.00	ng	-0.02
7) Naphthalene-d8	10.67	136	187864	20.00	ng	-0.03
13) Acenaphthene-d10	14.50	164	123759	20.00	ng	-0.01
19) Phenanthrene-d10	17.23	188	334406	20.00	ng	0.00
27) Chrysene-d12	21.41	240	371792	20.00	ng	-0.01
34) Perylene-d12	23.94	264	360804	20.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.48	112	131148	63.76	ng	-0.05
5) Phenol-d6	7.08	99	139398	44.90	ng	-0.06
8) Nitrobenzene-d5	9.03	82	309235	103.09	ng	-0.05
11) 2-Methylnaphthalene-d10	12.22	152	1	0.00	ng	-0.07
14) 2,4,6-Tribromophenol	16.00	330	161525	236.58	ng	-0.03
15) 2-Fluorobiphenyl	13.12	172	778606	89.25	ng	-0.03
25) Fluoranthene-d10	19.29	212	92	-50.00	ng	0.00
29) Terphenyl-d14	19.84	244	1330989	94.93	ng	-0.02
Target Compounds						
9) Naphthalene	10.72	128	35295	0.830	ng	Qvalue 100
12) 2-Methylnaphthalene	12.36	142	446	0.062	ng	# 93
16) Acenaphthylene	14.23	152	1357	0.104	ng	# 94
17) Acenaphthene	14.55	154	897	0.107	ng	98
18) Fluorene	15.56	166	787	0.073	ng	96
24) Anthracene	17.40	178	483	0.025	ng	95
28) Pyrene	19.67	202	2133	0.082	ng	96
30) Benzo(a)anthracene	21.40	228	1831	0.076	ng	# 67
32) Bis(2-ethylhexyl)phthalate	21.27	149	4769	0.080	ng	# 100
33) Indeno(1,2,3-cd)pyrene	26.72	276	477	0.021	ng	# 86
35) Benzo(b)fluoranthene	23.18	252	881	0.038	ng	# 73
37) Benzo(a)pyrene	23.83	252	584m	0.026	ng	
39) Benzo(g,h,i)perylene	27.56	276	632	0.033	ng	# 87

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

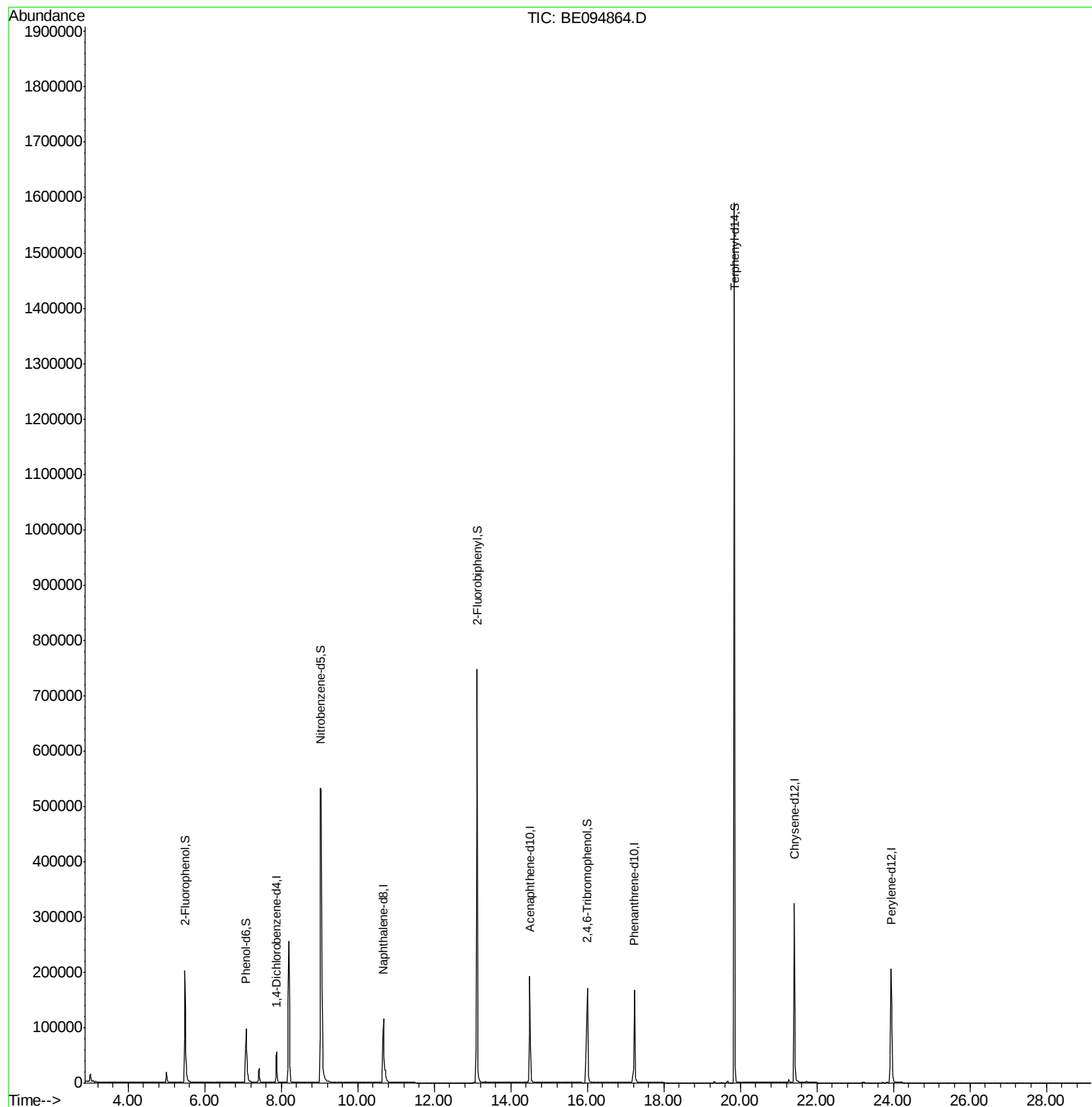
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE112717\
Data File : BE094864.D
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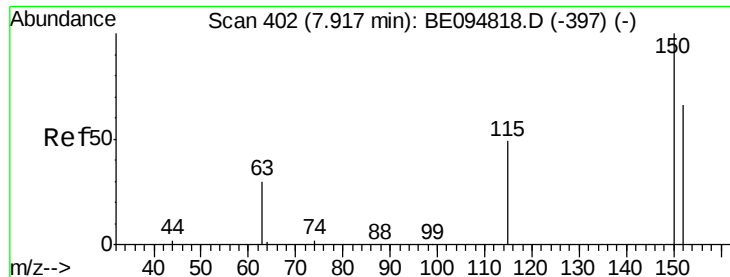
Instrument :
BNA_E
ClientSampleId :
CF-1B(1-2)

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Quant Time: Nov 27 12:34:04 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
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#1

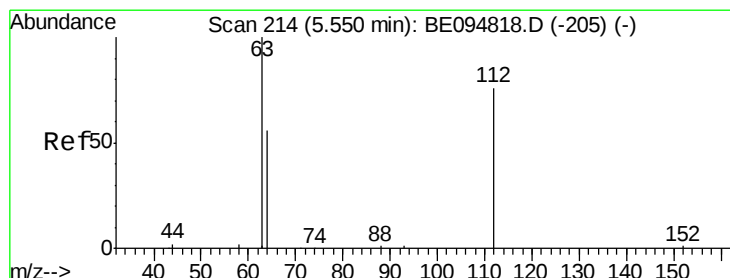
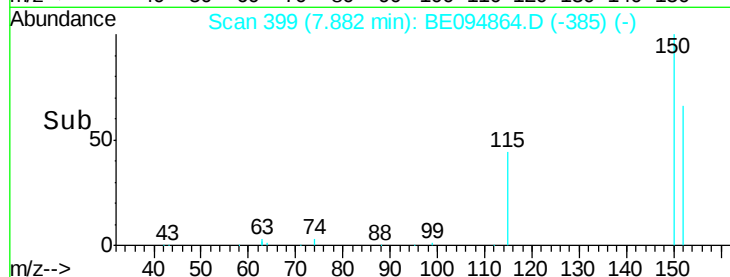
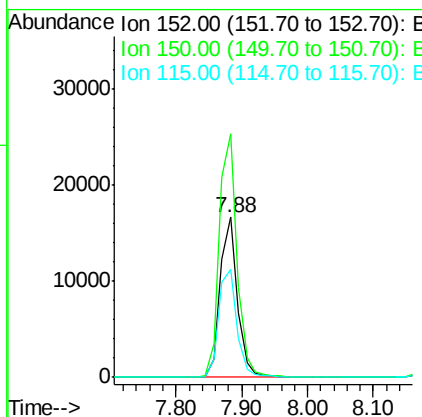
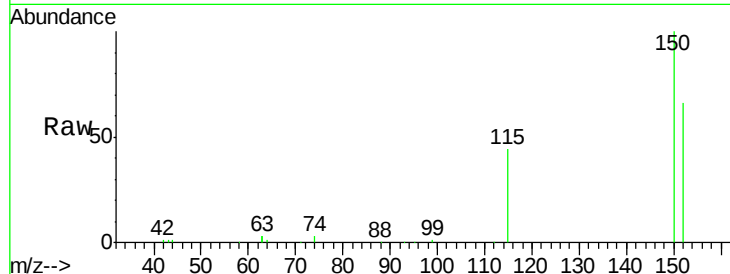
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.88 min Scan# 399
Delta R.T. -0.02 min
Lab File: BE094864.D
Acq: 27 Nov 2017 10:05

Instrument :
BNA_E
ClientSampleId :
CF-1B(1-2)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.0	117.2	175.8
115	67.4	57.0	85.6

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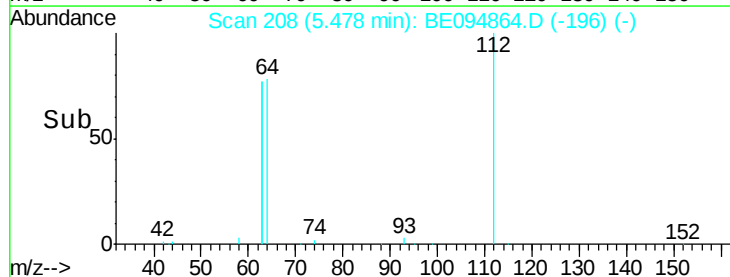
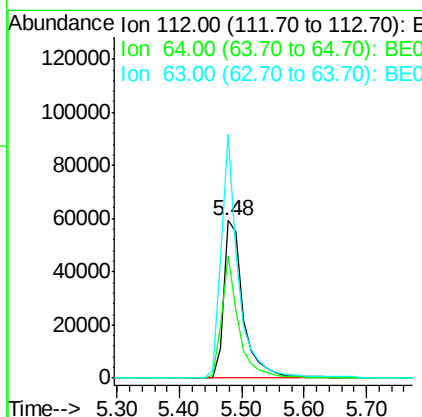
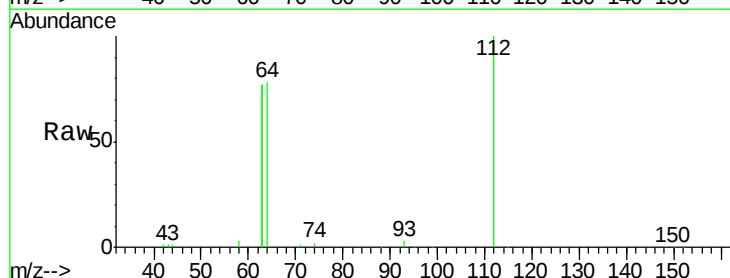
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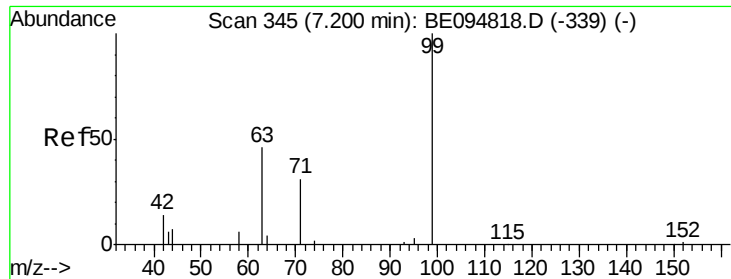


#4

2-Fluorophenol
Concen: 63.760 ng
RT: 5.48 min Scan# 208
Delta R.T. -0.05 min
Lab File: BE094864.D
Acq: 27 Nov 2017 10:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.4	60.1	90.1
63	134.0	116.8	175.2





#5

Phenol-d6

Concen: 44.897 ng

RT: 7.08 min Scan# 335

Delta R.T. -0.06 min

Lab File: BE094864.D

Acq: 27 Nov 2017 10:05

Instrument :

BNA_E

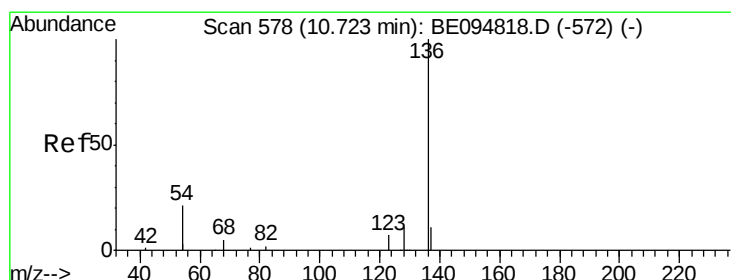
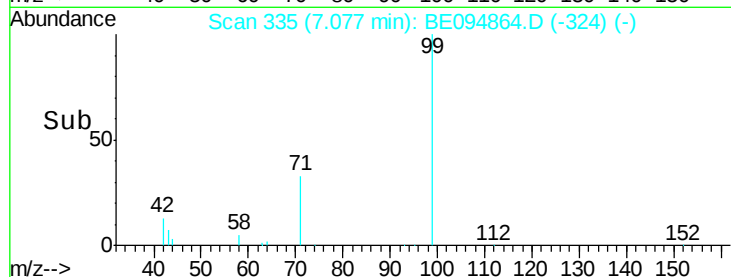
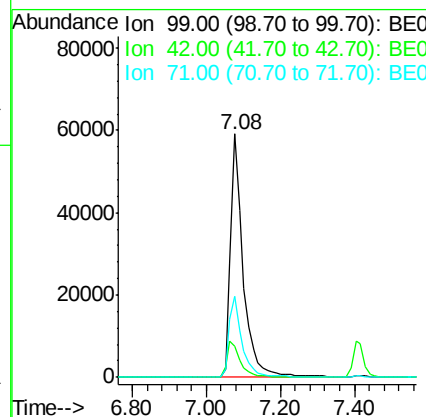
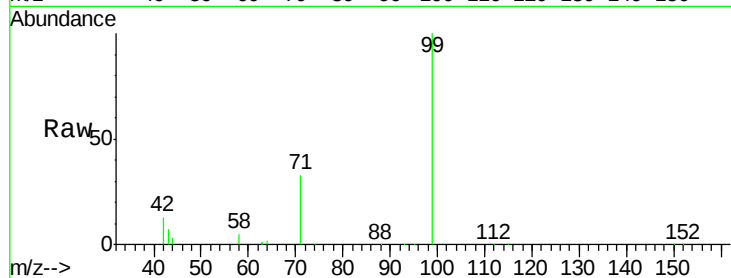
ClientSampleId :

CF-1B(1-2)

Tgt Ion	Ratio	Lower	Upper
99	100		
42	15.8	20.2	30.2#
71	34.5	28.4	42.6

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#7

Naphthalene-d8

Concen: 20.000 ng

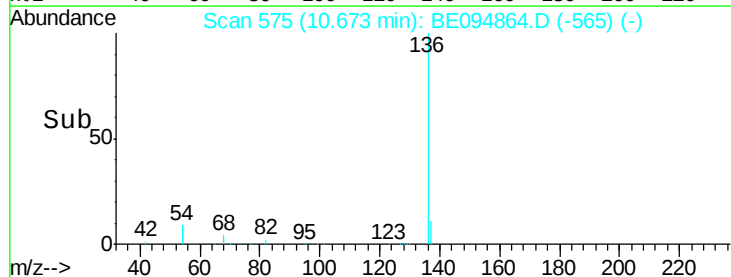
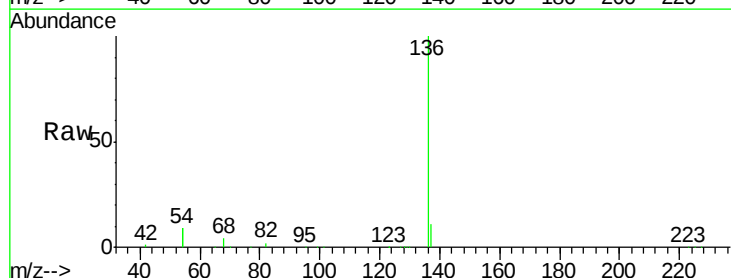
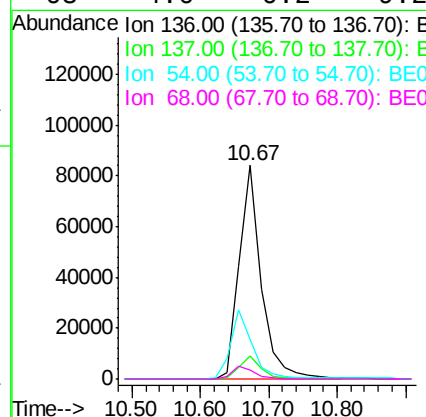
RT: 10.67 min Scan# 575

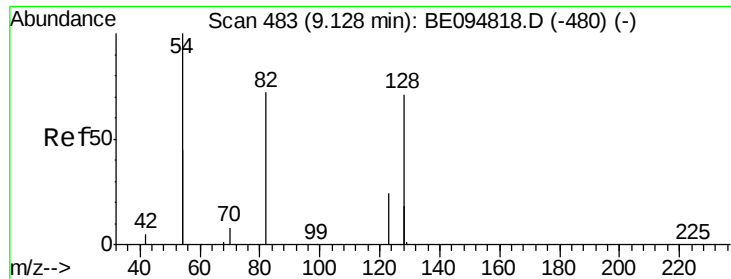
Delta R.T. -0.03 min

Lab File: BE094864.D

Acq: 27 Nov 2017 10:05

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.5	14.3
54	18.4	29.1	43.7#
68	4.0	6.2	9.2#





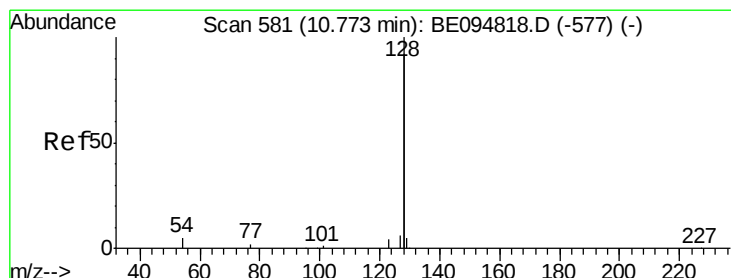
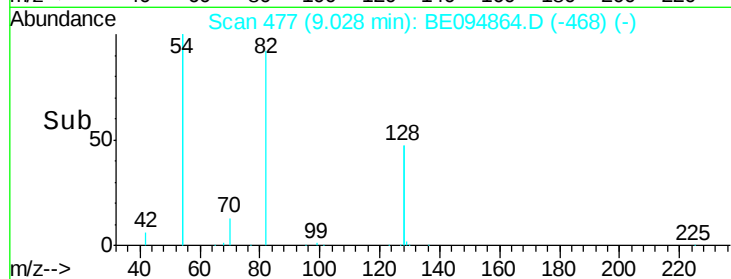
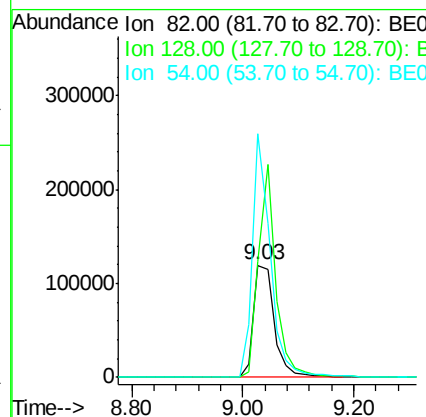
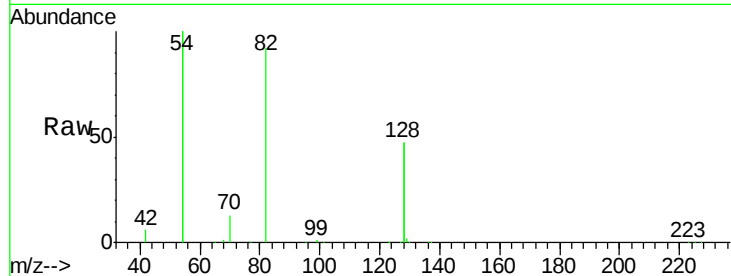
#8
Nitrobenzene-d5
Concen: 103.088 ng
RT: 9.03 min Scan# 477
Delta R.T. -0.05 min
Lab File: BE094864.D
Acq: 27 Nov 2017 10:05

Instrument :
BNA_E
ClientSampled :
CF-1B(1-2)

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	309235		
128	103.3	150.0	225.0#	
54	217.9	154.2	231.4	

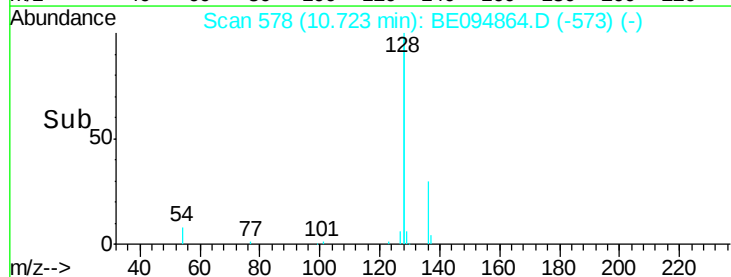
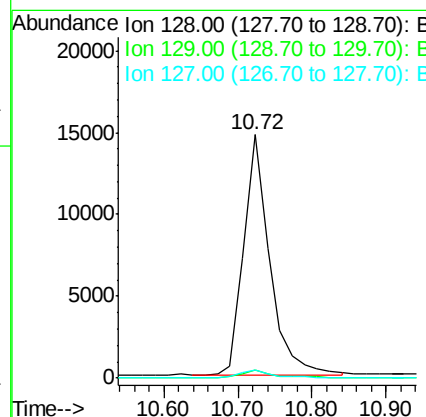
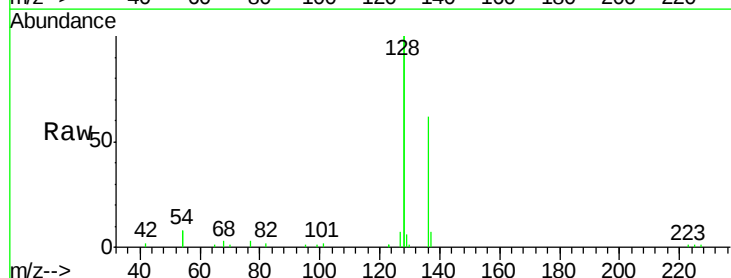
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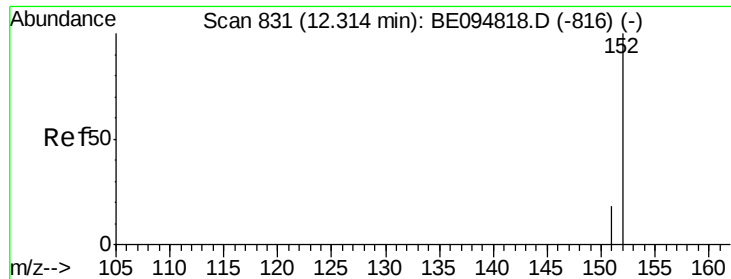
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#9
Naphthalene
Concen: 0.830 ng
RT: 10.72 min Scan# 578
Delta R.T. -0.02 min
Lab File: BE094864.D
Acq: 27 Nov 2017 10:05

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	35295		
129	3.2	2.6	3.8	
127	3.4	2.8	4.2	





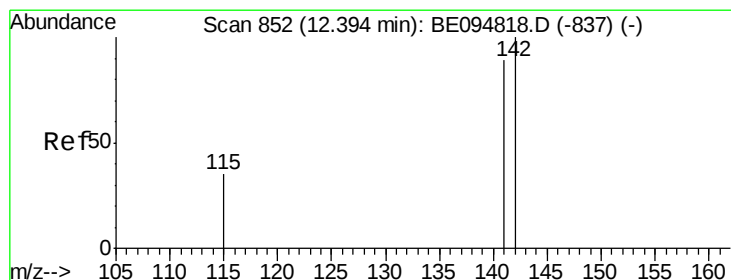
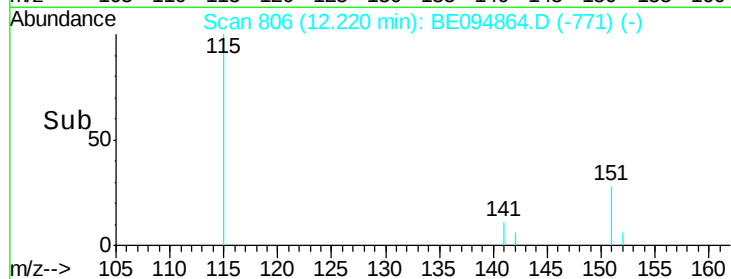
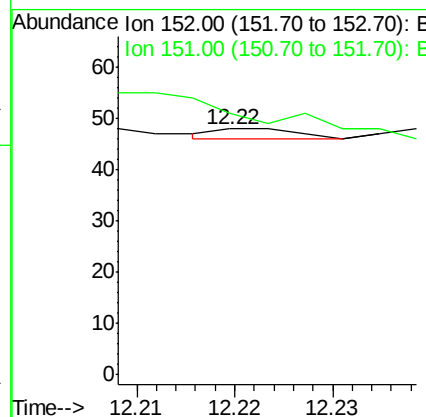
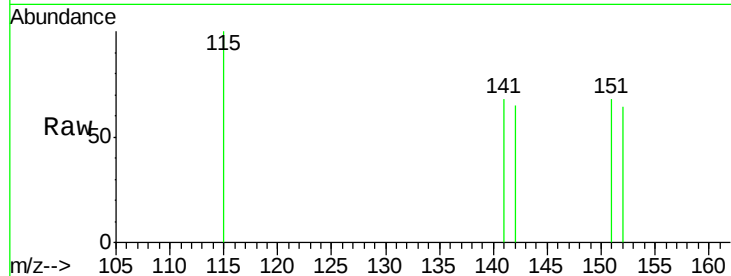
#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
RT: 12.22 min Scan# 806
Delta R.T. -0.07 min
Lab File: BE094864.D
Acq: 27 Nov 2017 10:05

Instrument :
BNA_E
ClientSampleId :
CF-1B(1-2)

Tgt Ion:152 Resp: 1
Ion Ratio Lower Upper
152 100
151 0.0 15.4 23.0#

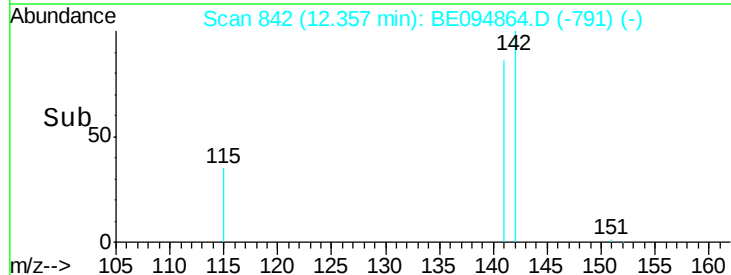
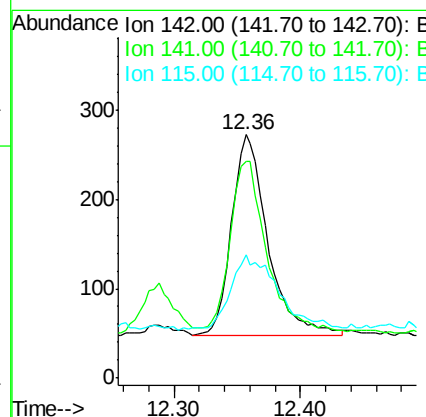
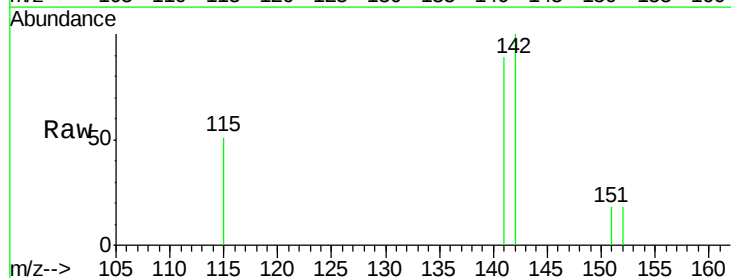
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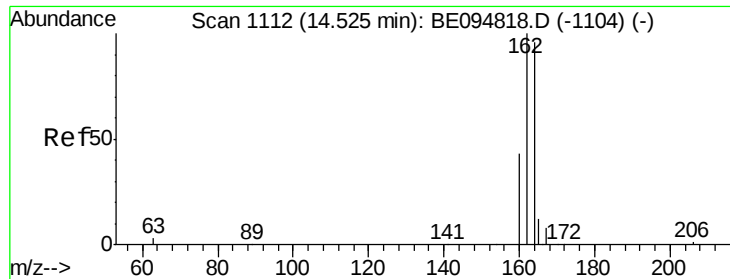
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#12
2-Methylnaphthalene
Concen: 0.062 ng
RT: 12.36 min Scan# 842
Delta R.T. -0.01 min
Lab File: BE094864.D
Acq: 27 Nov 2017 10:05

Tgt Ion:142 Resp: 446
Ion Ratio Lower Upper
142 100
141 89.3 70.4 105.6
115 50.7 31.7 47.5#





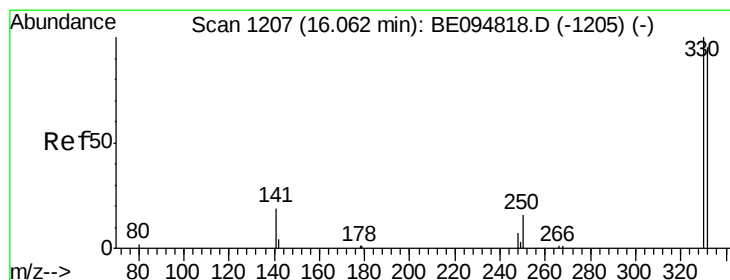
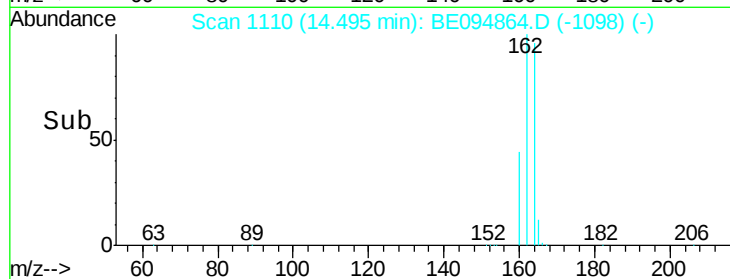
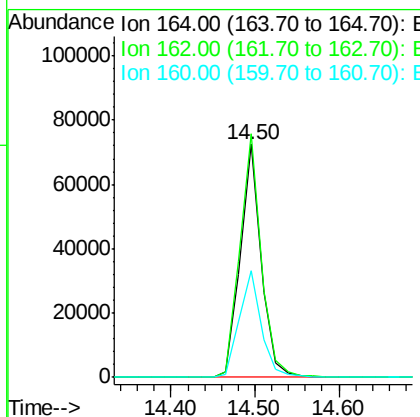
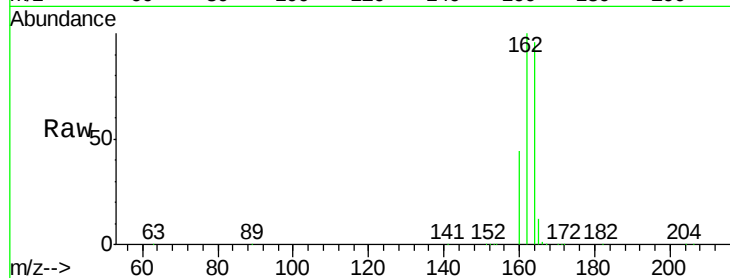
#13
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.50 min Scan# 1110
 Delta R.T. -0.01 min
 Lab File: BE094864.D
 Acq: 27 Nov 2017 10:05

Instrument :
 BNA_E
 ClientSampleID :
 CF-1B(1-2)

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.4	83.1	124.7	
160	45.6	37.1	55.7	

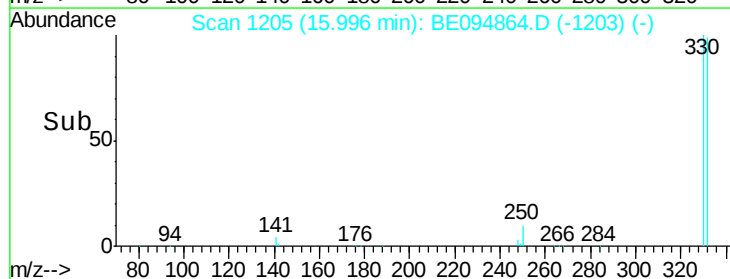
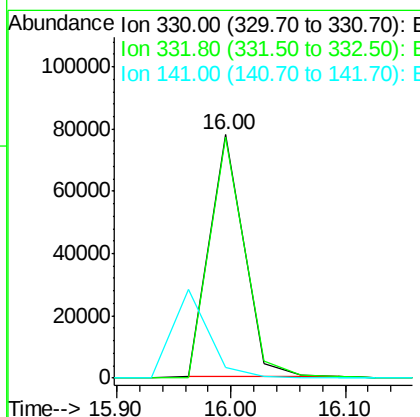
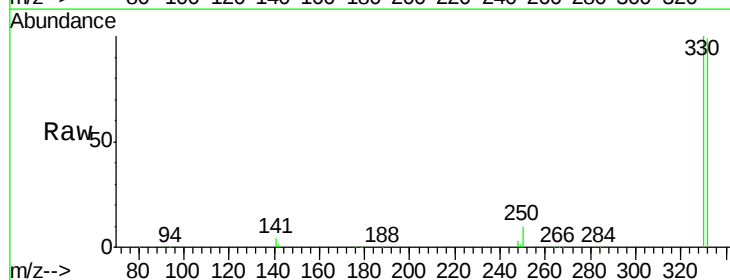
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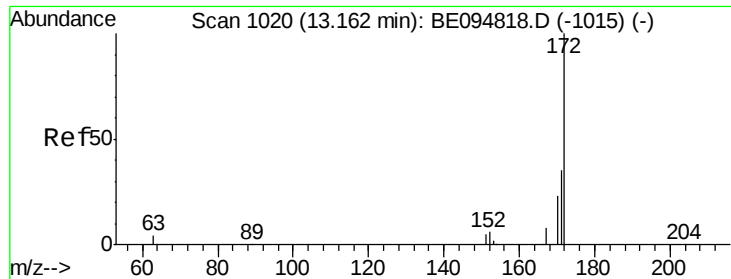
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#14
 2,4,6-Tribromophenol
 Concen: 236.584 ng
 RT: 16.00 min Scan# 1205
 Delta R.T. -0.03 min
 Lab File: BE094864.D
 Acq: 27 Nov 2017 10:05

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	100.6	152.7	229.1#	
141	0.0	33.7	50.5#	





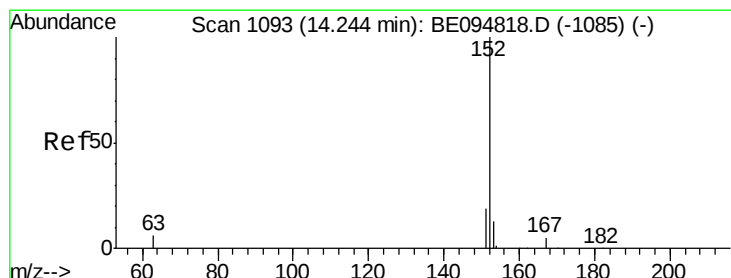
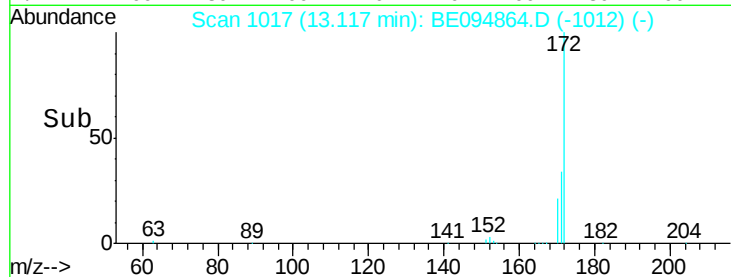
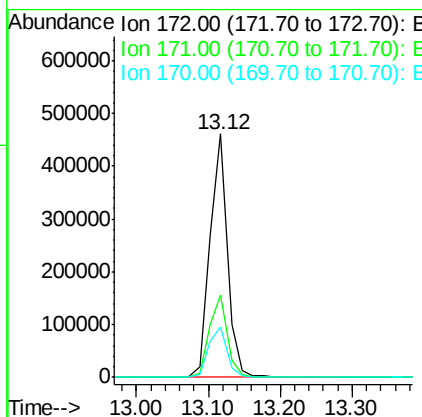
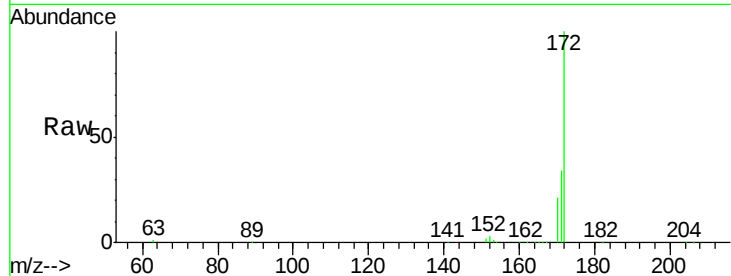
#15
2-Fluorobiphenyl
Concen: 89.254 ng
RT: 13.12 min Scan# 1017
Delta R.T. -0.03 min
Lab File: BE094864.D
Acq: 27 Nov 2017 10:05

Instrument :
BNA_E
ClientSampleId :
CF-1B(1-2)

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.8	29.9	44.9
170	20.9	21.8	32.8#

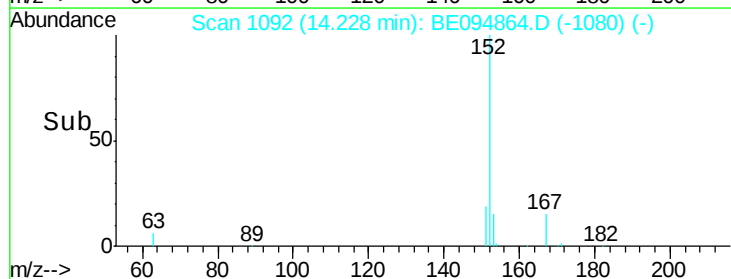
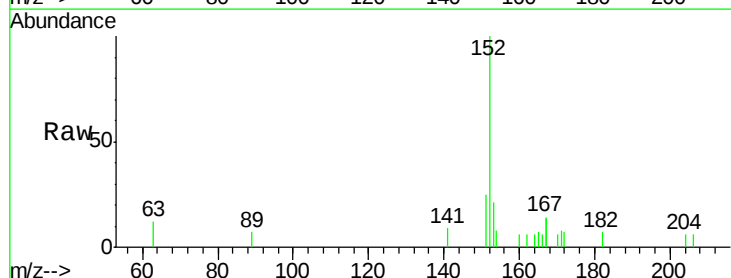
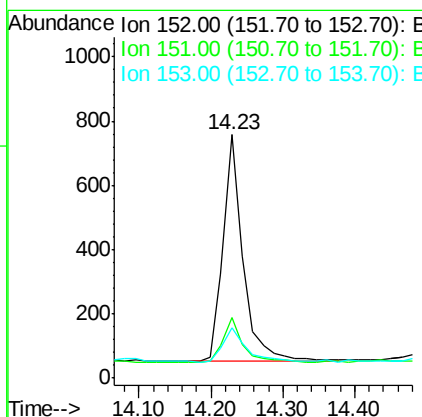
Manual Integrations
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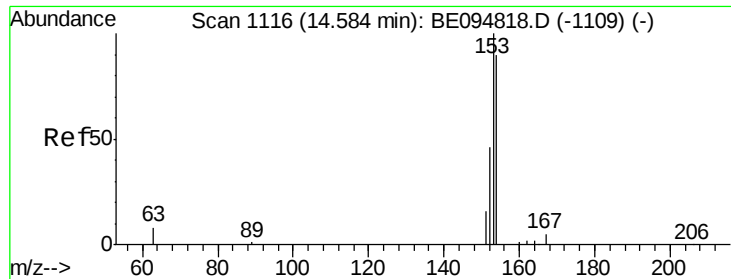
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#16
Acenaphthylene
Concen: 0.104 ng
RT: 14.23 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BE094864.D
Acq: 27 Nov 2017 10:05

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.7	23.5
153	17.8	10.5	15.7#





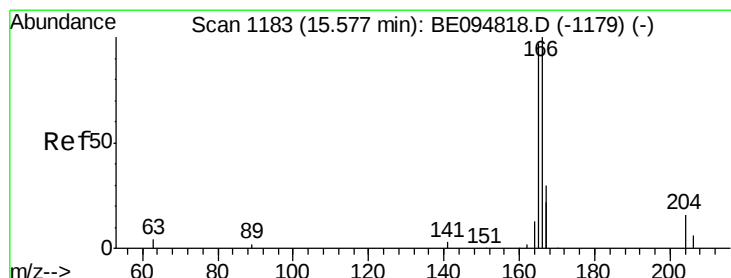
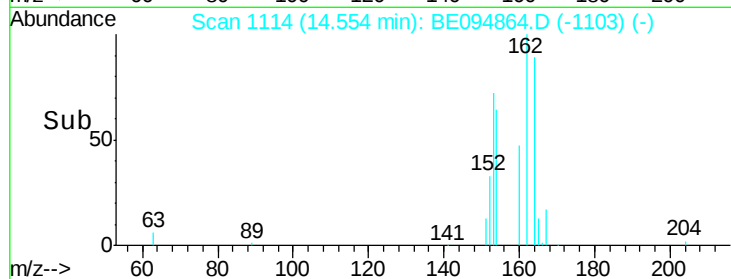
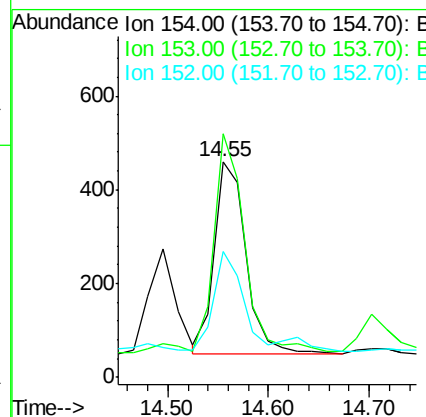
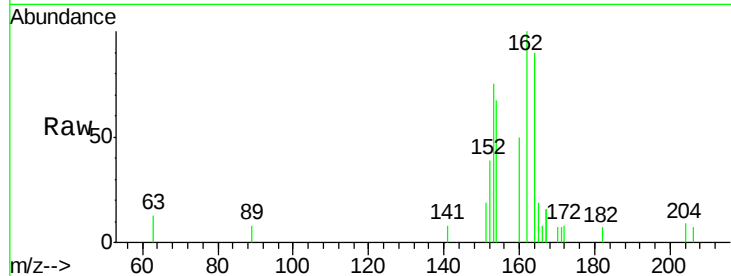
#17
Acenaphthene
Concen: 0.107 ng
RT: 14.55 min Scan# 1114
Delta R.T. -0.03 min
Lab File: BE094864.D
Acq: 27 Nov 2017 10:05

Instrument :
BNA_E
ClientSampleId :
CF-1B(1-2)

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.6	89.2	133.8
152	54.6	42.0	63.0

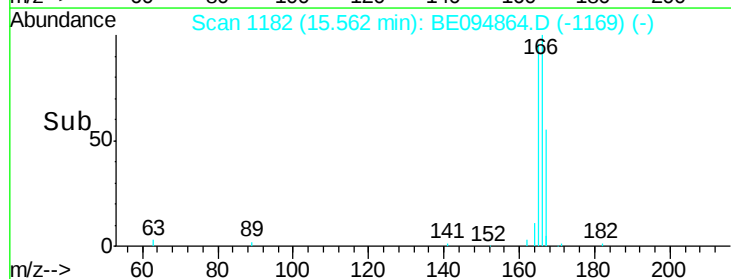
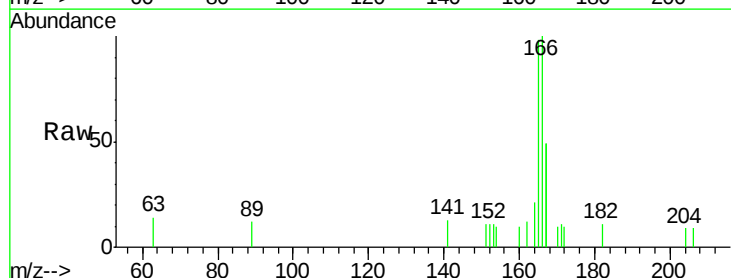
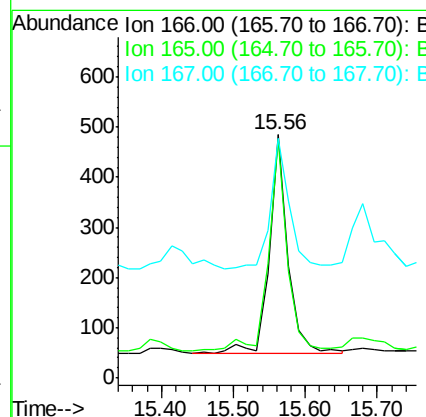
Manual Integrations
APPROVED

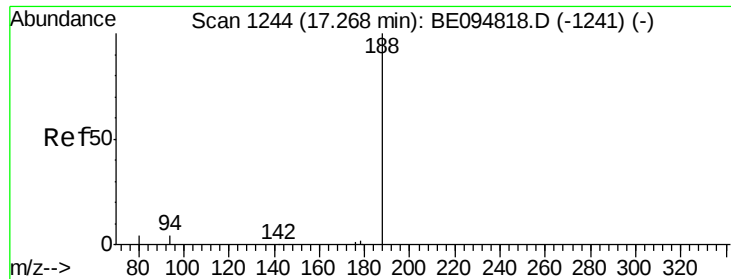
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#18
Fluorene
Concen: 0.073 ng
RT: 15.56 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BE094864.D
Acq: 27 Nov 2017 10:05

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.8	116.6
167	61.2	42.4	63.6





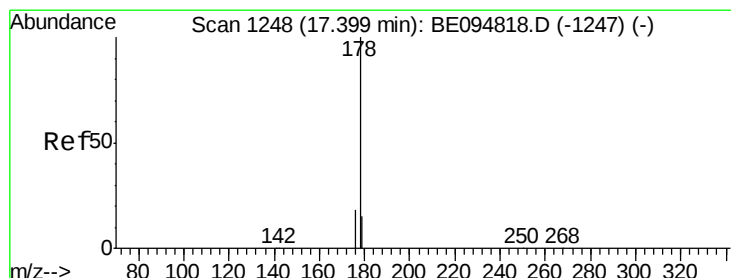
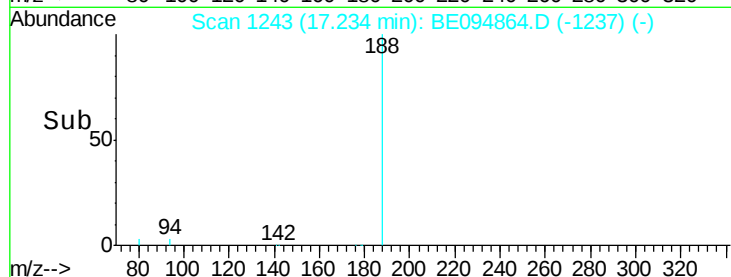
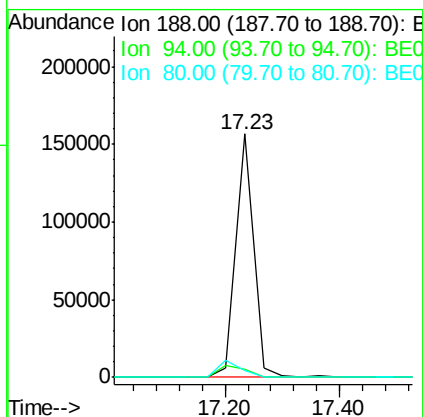
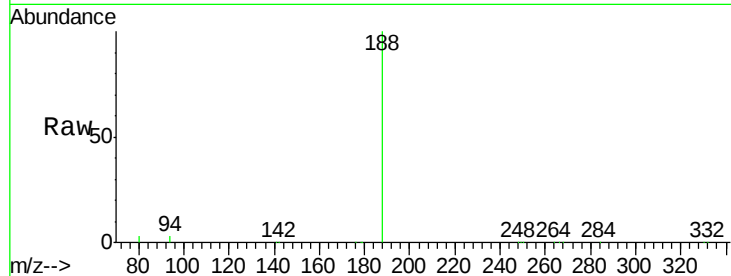
#19
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.23 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BE094864.D
Acq: 27 Nov 2017 10:05

Instrument :
BNA_E
ClientSampleId :
CF-1B(1-2)

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	334406		
94	3.3		3.9	5.9#
80	3.0		3.6	5.4#

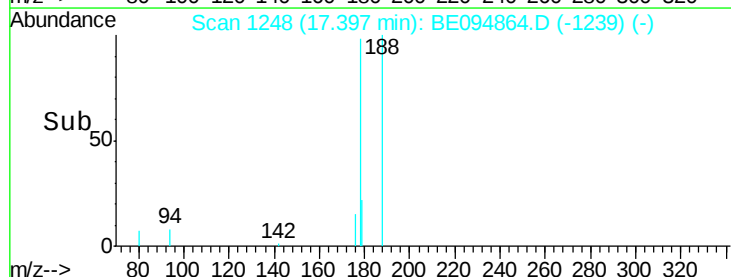
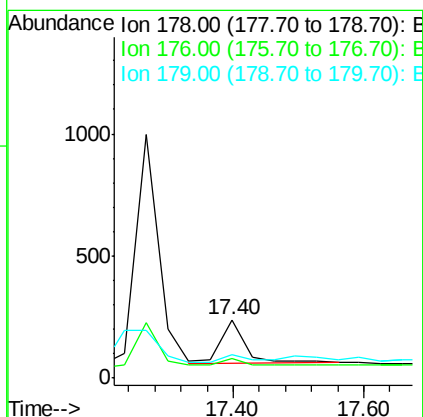
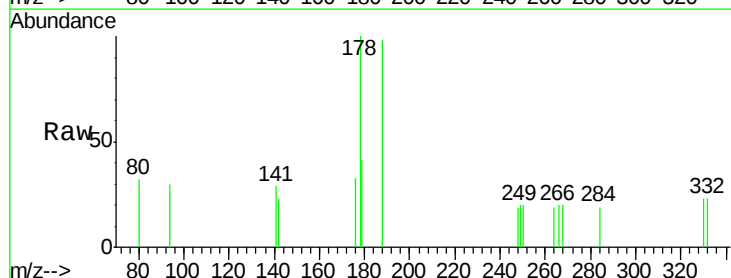
Manual Integrations
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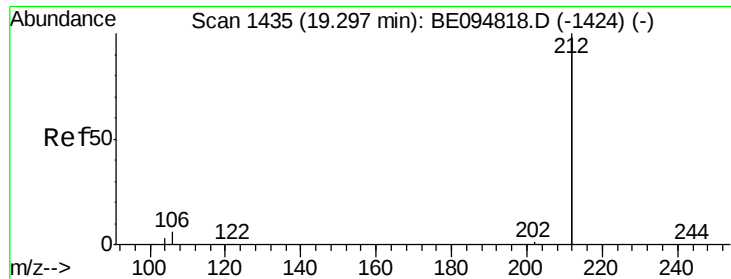
Sohil
11/27/2017 5:16:13 PM



#24
Anthracene
Concen: 0.025 ng
RT: 17.40 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BE094864.D
Acq: 27 Nov 2017 10:05

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	483		
176	14.9		12.8	19.2
179	19.5		13.0	19.6





#25

Fluoranthene-d10

Concen: -50.000 ng

RT: 19.29 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BE094864.D

Acq: 27 Nov 2017 10:05

Instrument :

BNA_E

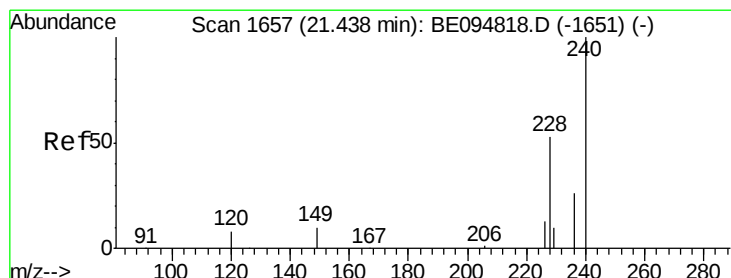
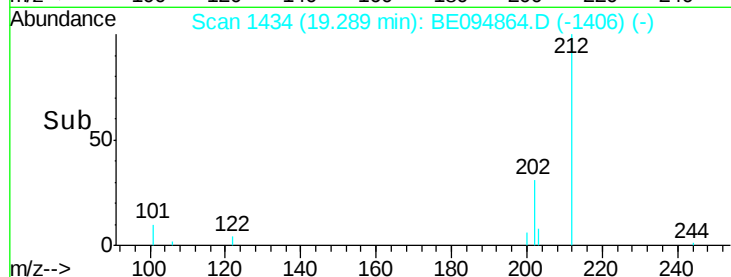
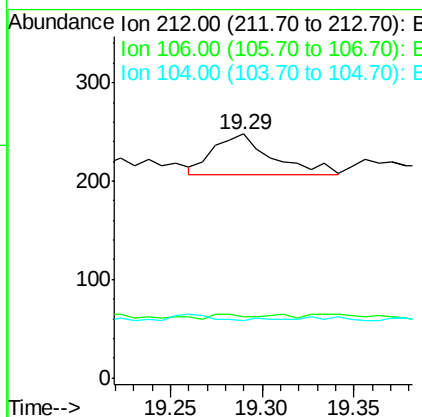
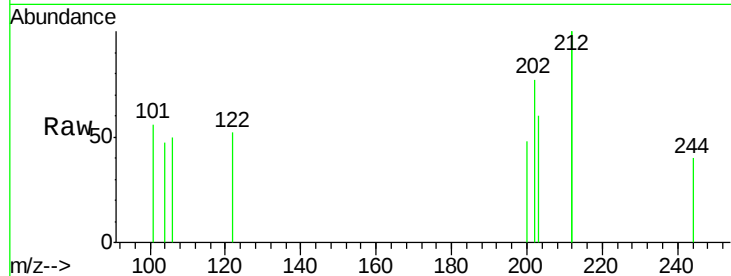
ClientSampleId :

CF-1B(1-2)

Tgt Ion:	212	Resp:	92
Ion Ratio	Lower	Upper	
212	100		
106	0.0	2.8	4.2#
104	2.2	1.6	2.4

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#27

Chrysene-d12

Concen: 20.000 ng

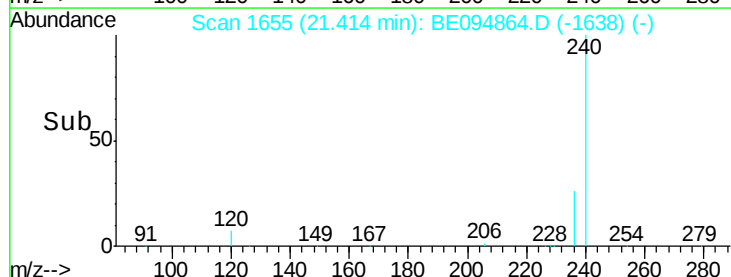
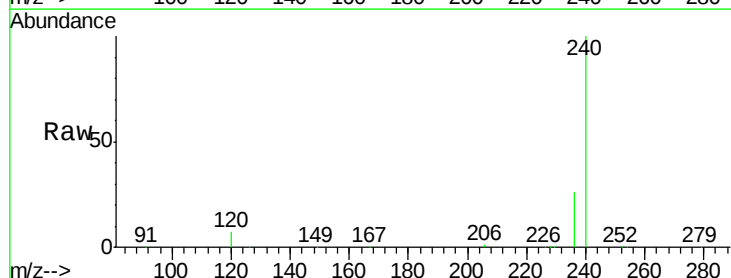
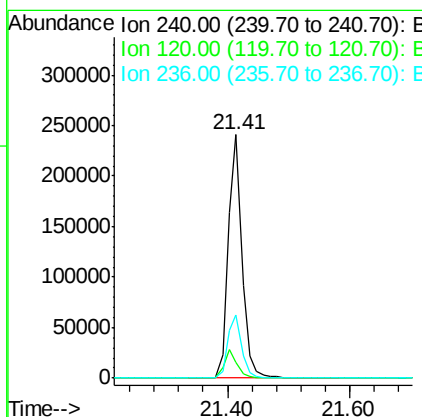
RT: 21.41 min Scan# 1655

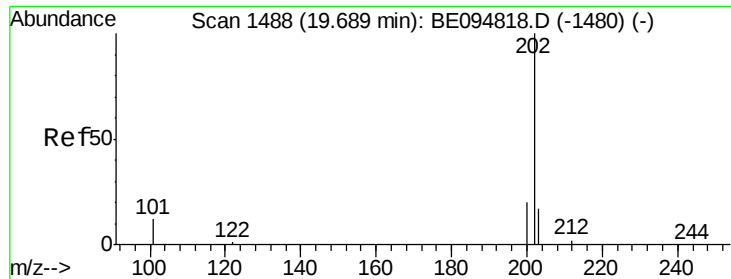
Delta R.T. -0.01 min

Lab File: BE094864.D

Acq: 27 Nov 2017 10:05

Tgt Ion:	240	Resp:	371792
Ion Ratio	Lower	Upper	
240	100		
120	6.6	5.5	8.3
236	26.0	20.7	31.1





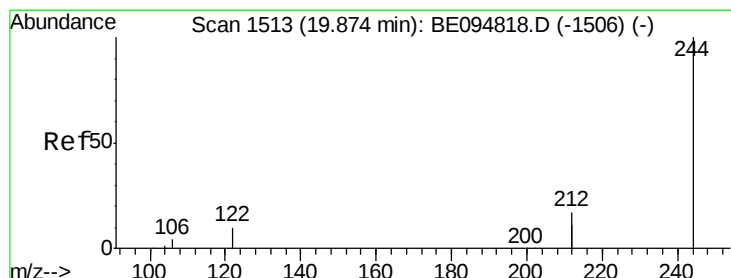
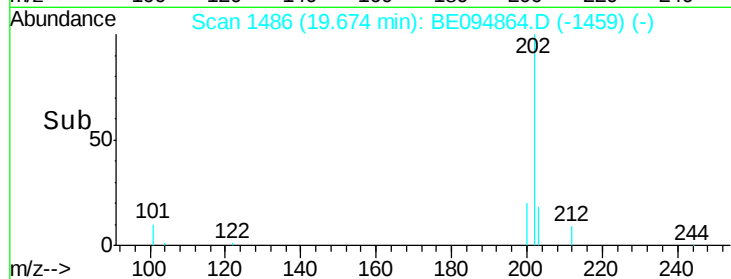
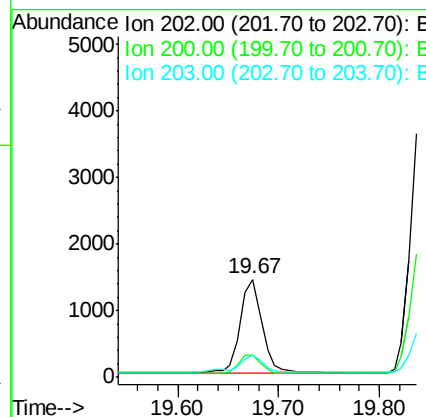
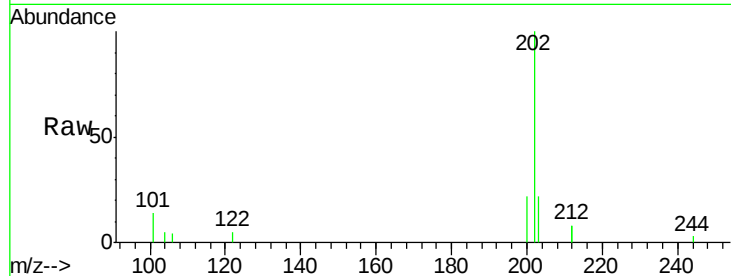
#28
 Pyrene
 Concen: 0.082 ng
 RT: 19.67 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: BE094864.D
 Acq: 27 Nov 2017 10:05

Instrument :
 BNA_E
 ClientSampled :
 CF-1B(1-2)

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.6	25.0
203	20.5	13.8	20.8

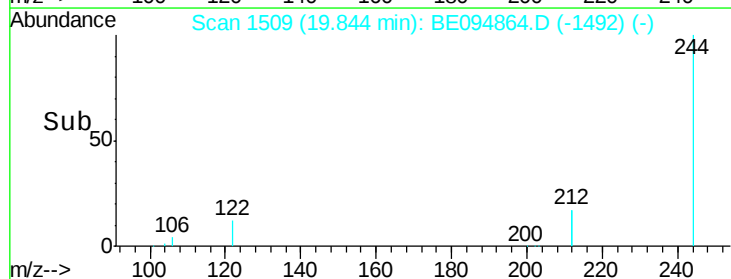
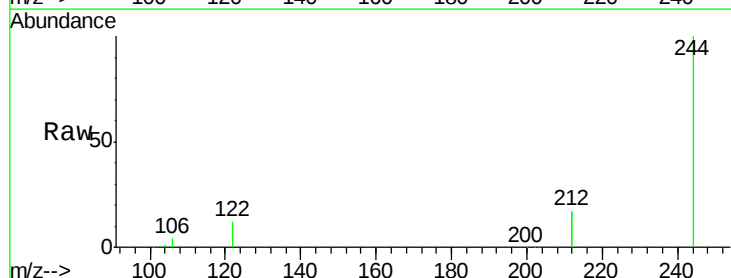
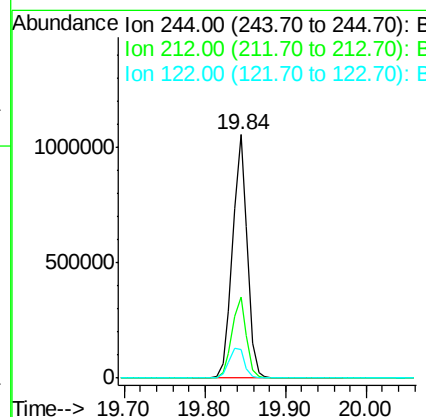
Manual Integrations
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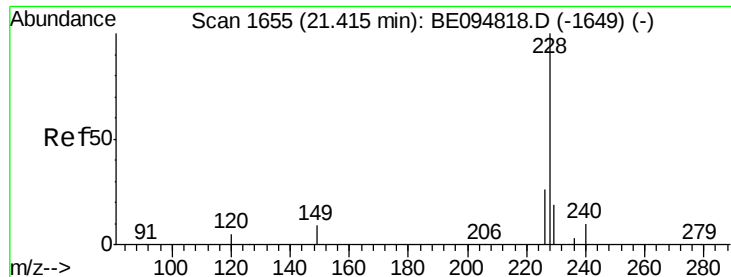
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#29
 Terphenyl-d14
 Concen: 94.930 ng
 RT: 19.84 min Scan# 1509
 Delta R.T. -0.02 min
 Lab File: BE094864.D
 Acq: 27 Nov 2017 10:05

Tgt Ion	Ratio	Lower	Upper
244	100		
212	33.5	25.4	38.0
122	11.7	8.1	12.1





#30

Benzo(a)anthracene

Concen: 0.076 ng

RT: 21.40 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BE094864.D

Acq: 27 Nov 2017 10:05

Instrument :

BNA_E

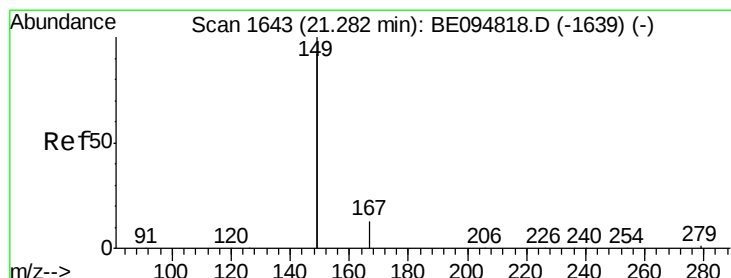
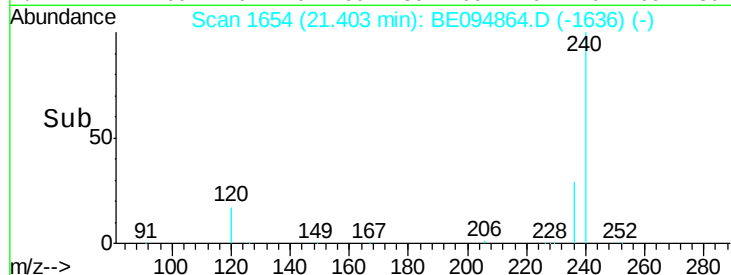
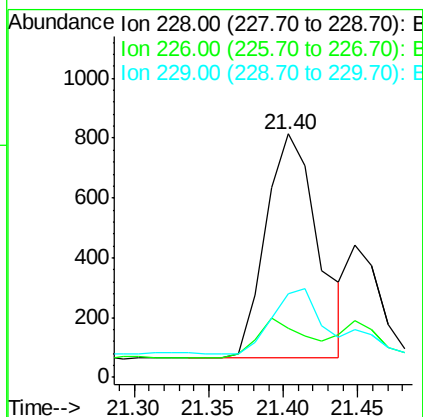
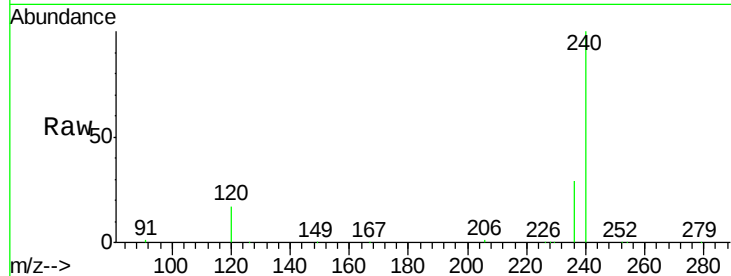
ClientSampleId :

CF-1B(1-2)

Tgt Ion:	228	Resp:	1831
Ion Ratio	Lower	Upper	
228	100		
226	20.4	40.0	60.0#
229	34.2	40.0	60.0#

Manual Integrations
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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.080 ng

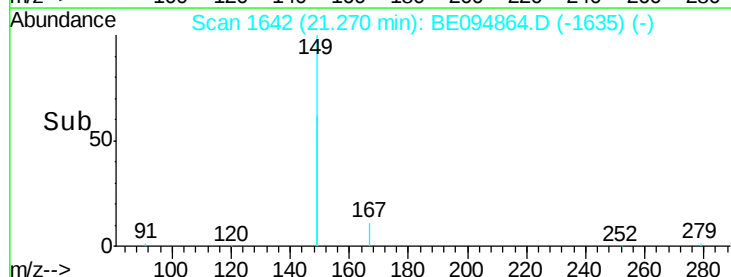
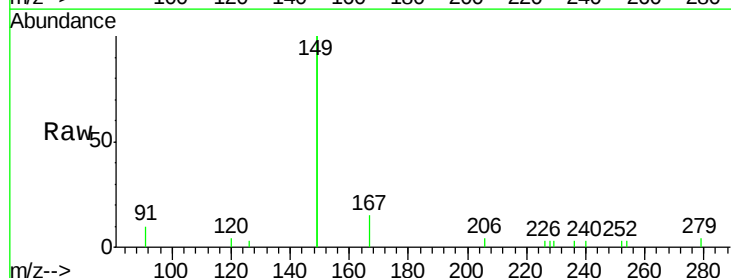
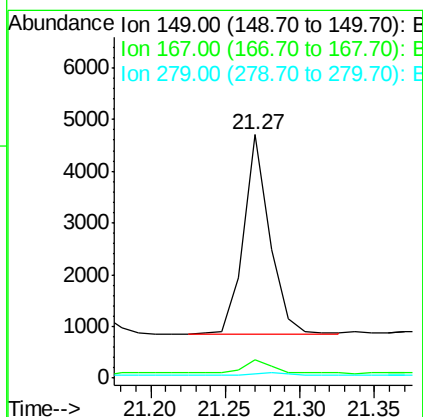
RT: 21.27 min Scan# 1642

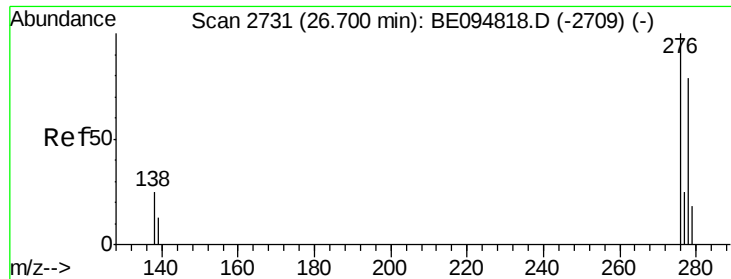
Delta R.T. -0.02 min

Lab File: BE094864.D

Acq: 27 Nov 2017 10:05

Tgt Ion:	149	Resp:	4769
Ion Ratio	Lower	Upper	
149	100		
167	6.8	5.4	8.0
279	1.4	0.7	1.1#





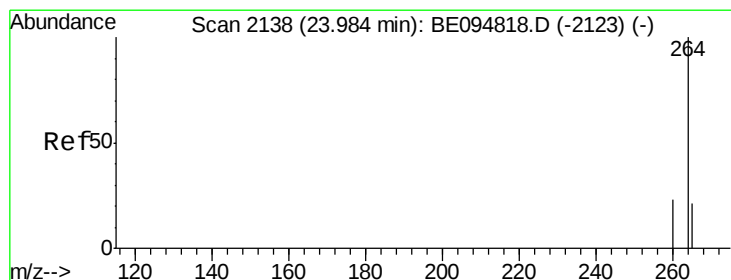
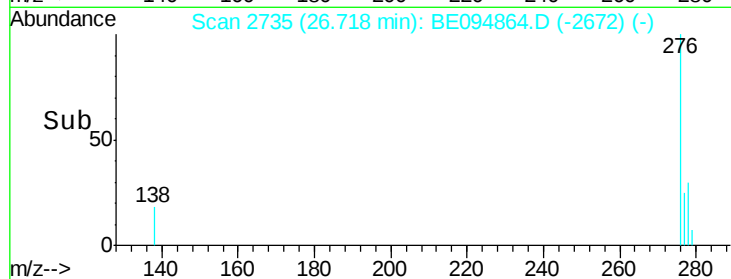
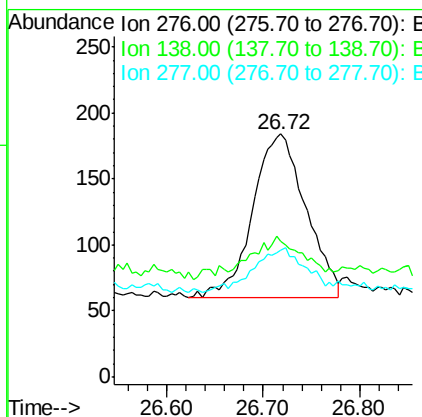
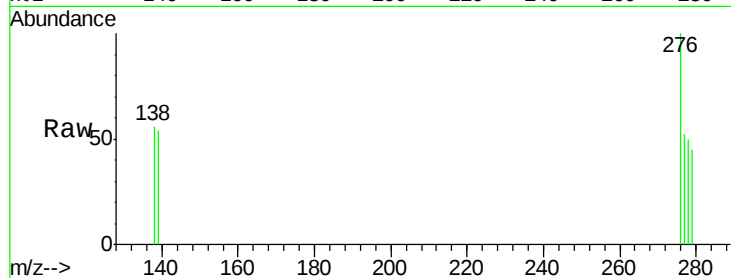
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.021 ng
 RT: 26.72 min Scan# 2735
 Delta R.T. 0.09 min
 Lab File: BE094864.D
 Acq: 27 Nov 2017 10:05

Instrument :
 BNA_E
 ClientSampleId :
 CF-1B(1-2)

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.4	22.5	33.7#
277	21.4	19.9	29.9

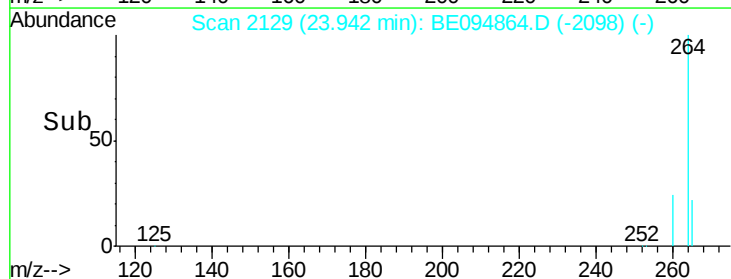
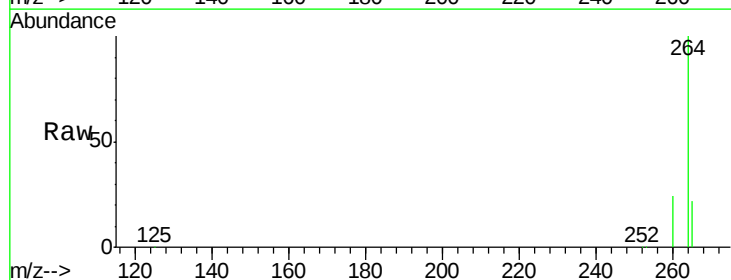
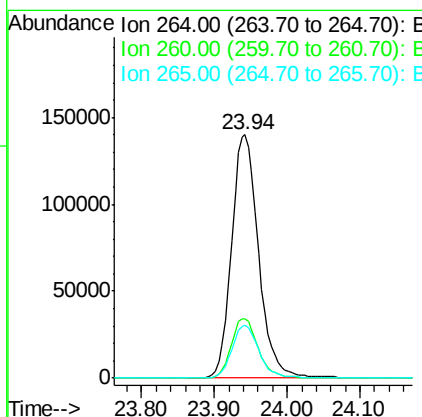
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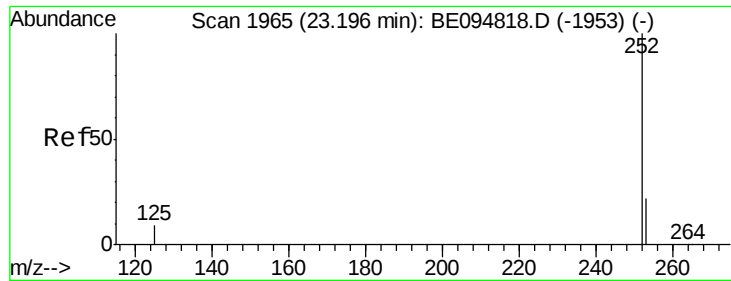
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#34
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.94 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BE094864.D
 Acq: 27 Nov 2017 10:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.5	30.7
265	21.9	22.8	34.2#





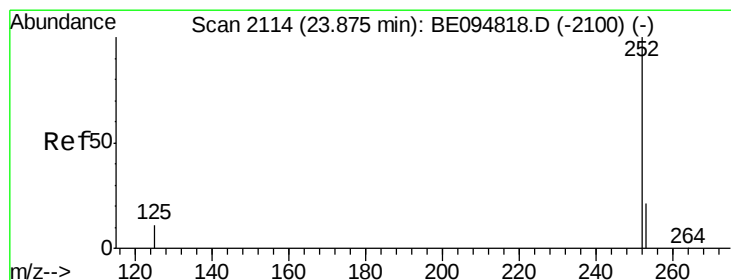
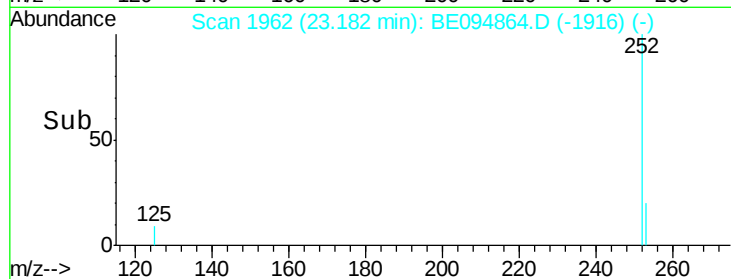
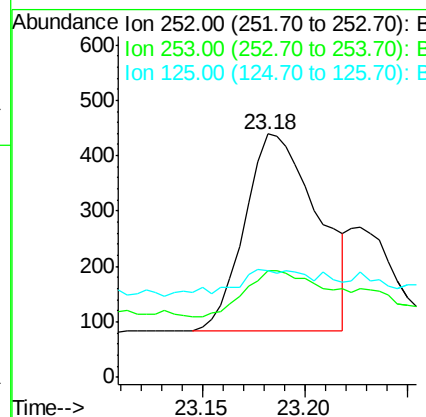
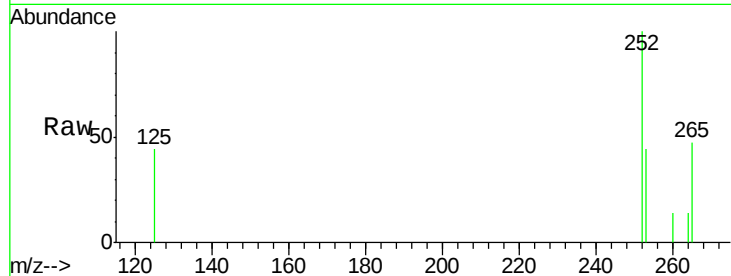
#35
Benzo(b)fluoranthene
Concen: 0.038 ng
RT: 23.18 min Scan# 1962
Delta R.T. 0.01 min
Lab File: BE094864.D
Acq: 27 Nov 2017 10:05

Instrument :
BNA_E
ClientSampleId :
CF-1B(1-2)

Tgt Ion	Ratio	Lower	Upper
252	100		
253	44.0	48.0	72.0#
125	44.0	56.0	84.0#

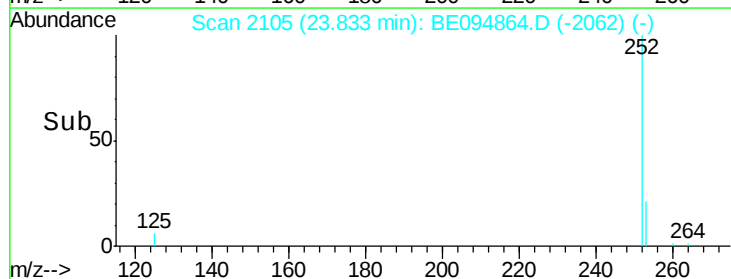
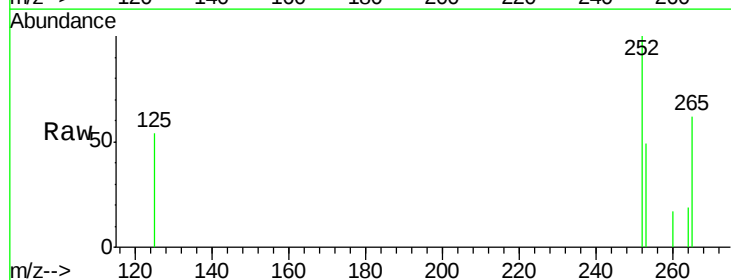
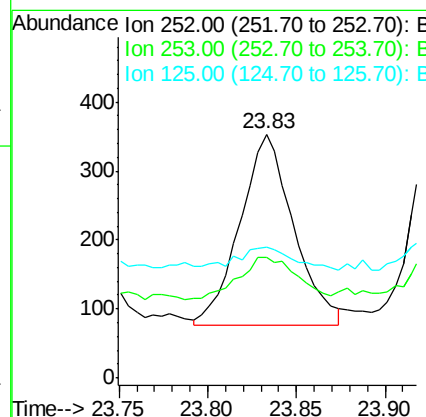
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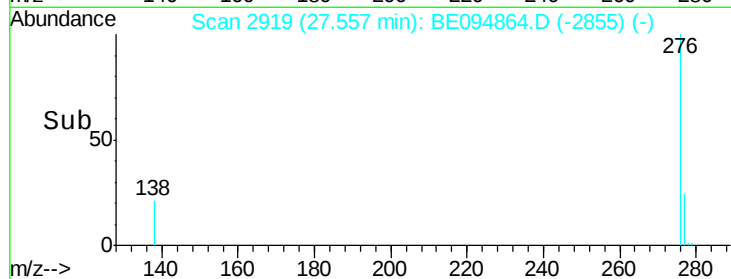
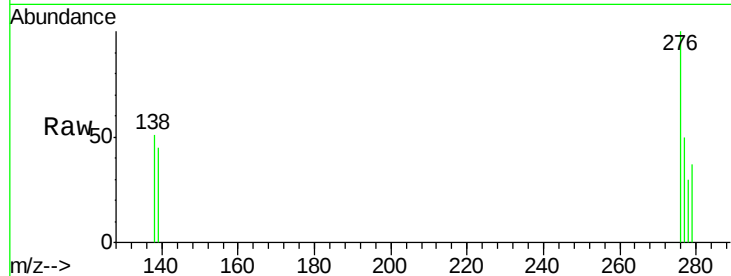
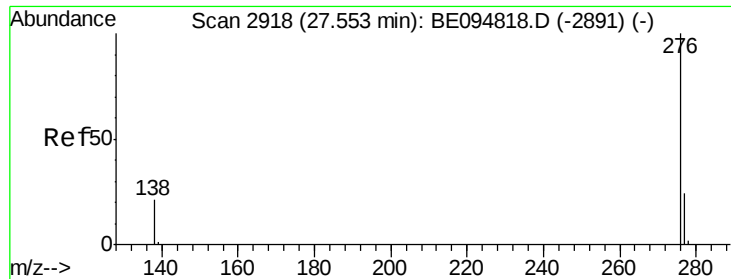
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#37
Benzo(a)pyrene
Concen: 0.026 ng m
RT: 23.83 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BE094864.D
Acq: 27 Nov 2017 10:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	49.3	52.0	78.0#
125	53.5	68.0	102.0#





#39

Benzo(g,h,i)perylene

Concen: 0.033 ng

RT: 27.56 min Scan# 2919

Delta R.T. 0.09 min

Lab File: BE094864.D

Acq: 27 Nov 2017 10:05

Tgt	Ion:276	Resp:	632
Ion	Ratio	Lower	Upper
276	100		
277	49.8	52.0	78.0#
138	51.2	44.0	66.0

Instrument :

BNA_E

ClientSampleId :

CF-1B(1-2)

Manual Integrations
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