

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091615\
 Data File : BE090855.D
 Acq On : 16 Sep 2015 21:50
 Operator : UM/IZ
 Sample : G3679-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 WCSB3W

Manual Integrations
 APPROVED

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 9/17/2015 3:47:00 PM

Quant Time: Sep 17 02:59:45 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 11:40:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	30400	5.00	ng	0.00
6) Naphthalene-d8	10.30	136	147650	5.00	ng	0.00
12) Acenaphthene-d10	14.16	164	83330	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	207134	5.00	ng	0.00
25) Chrysene-d12	21.07	240	270474	5.00	ng	0.00
32) Perylene-d12	23.35	264	259990	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	24614	4.16	ng	-0.01
5) Phenol-d6	6.75	99	22968	2.71	ng	0.00
7) Nitrobenzene-d5	8.70	82	31783	3.26	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	19042	7.79	ng	0.00
14) 2-Fluorobiphenyl	12.78	172	73924	3.20	ng	-0.01
27) Terphenyl-d14	19.52	244	130093	4.35	ng	-0.02
Target Compounds						
22) Phenanthrene	16.94	178	6214m	0.12	ng	Qvalue
24) Fluoranthene	18.95	202	2374	0.04	ng	# 91
26) Pyrene	19.31	202	2871	0.05	ng	# 95

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

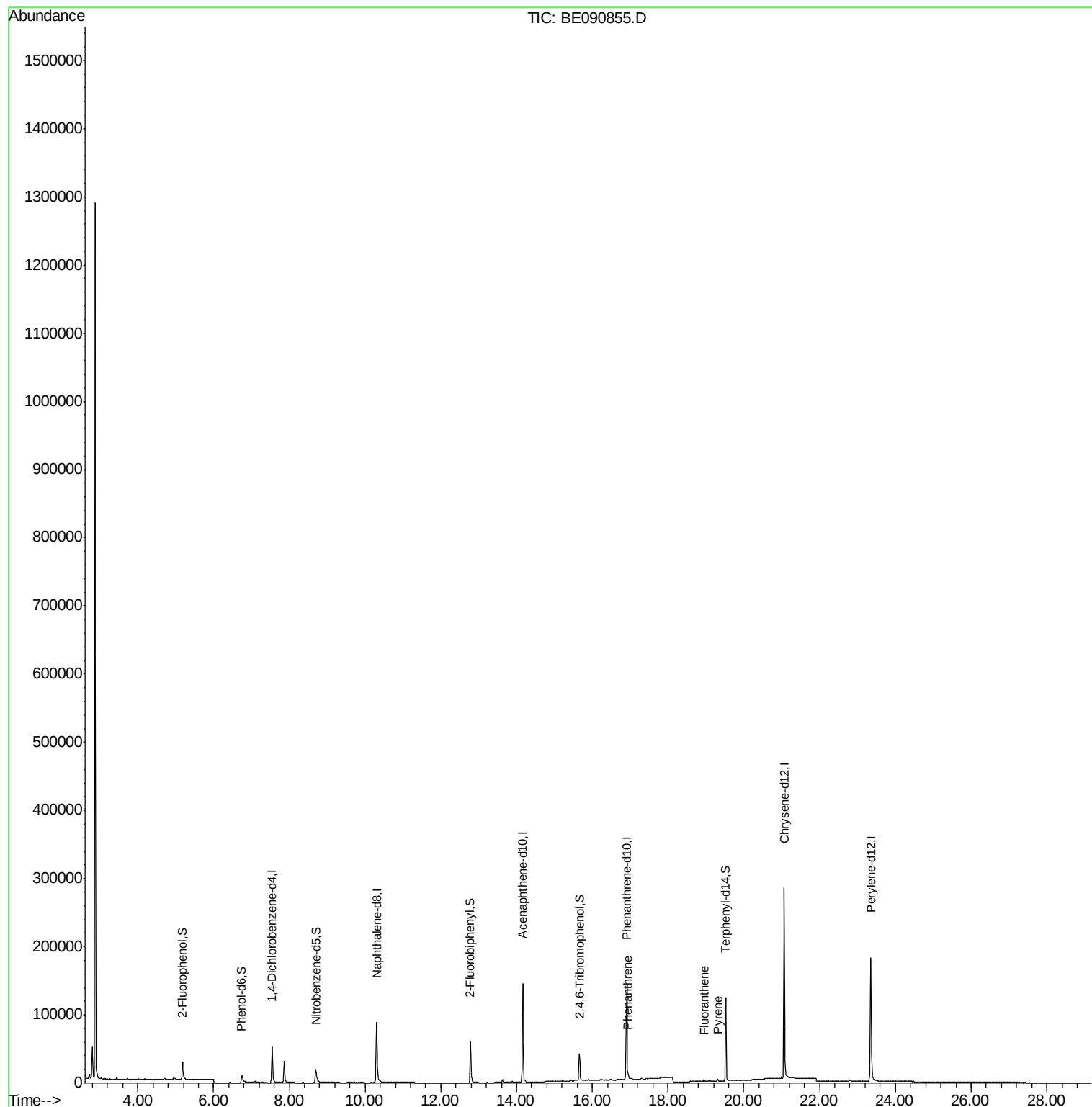
Data Path : Z:\HPCHEM1\BNA E\DATA\BE091615\
Data File : BE090855.D
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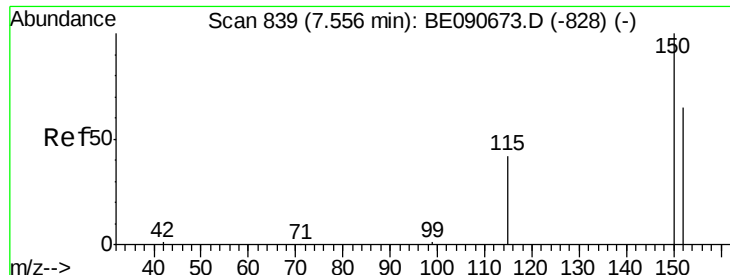
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#1

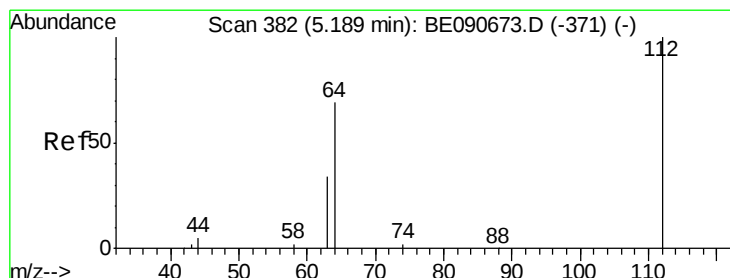
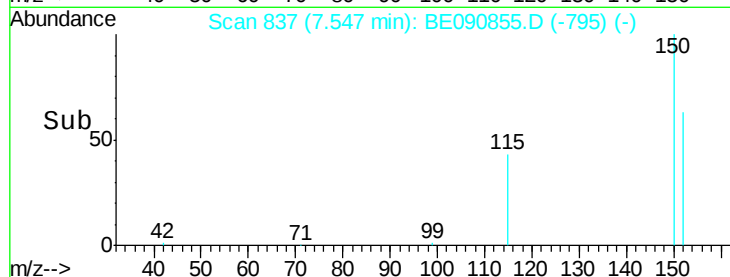
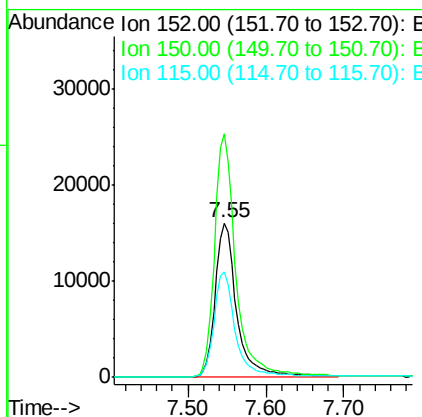
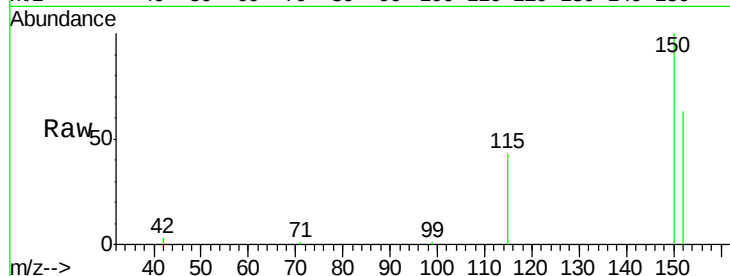
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 837
Delta R.T. -0.01 min
Lab File: BE090855.D
Acq: 16 Sep 2015 21:50

Instrument :
BNA_E
ClientSampleId :
WCSB3W

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	122.2	183.4
115	68.3	51.0	76.4

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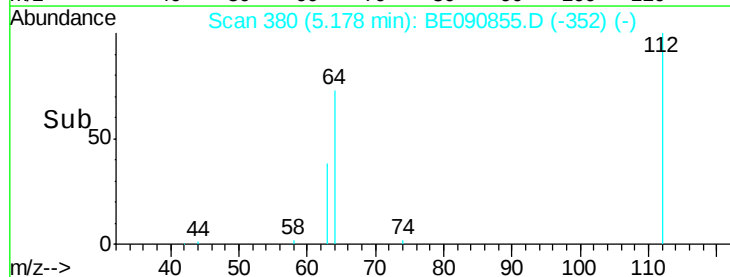
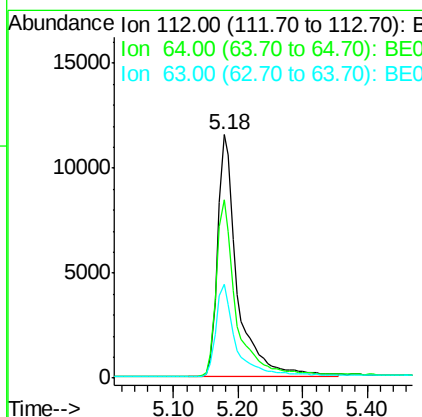
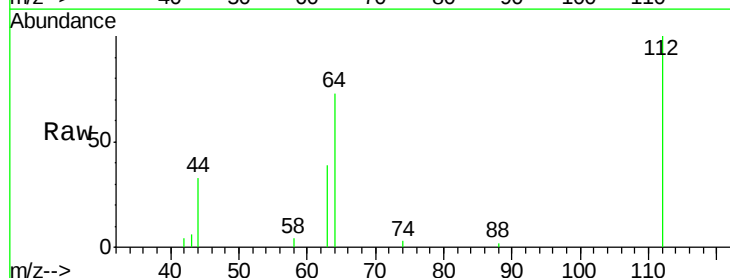
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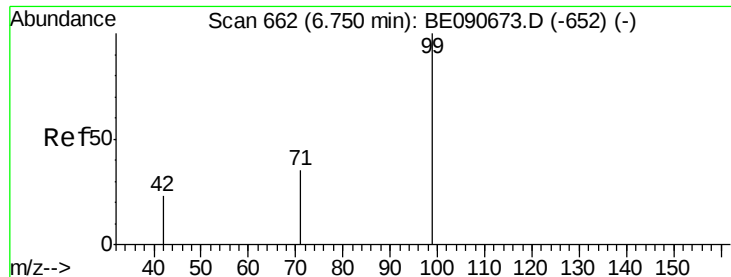


#4

2-Fluorophenol
Concen: 4.16 ng
RT: 5.18 min Scan# 380
Delta R.T. -0.01 min
Lab File: BE090855.D
Acq: 16 Sep 2015 21:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.0	57.3	85.9
63	37.3	29.2	43.8





#5

Phenol-d6

Concen: 2.71 ng

RT: 6.75 min Scan# 661

Delta R.T. -0.01 min

Lab File: BE090855.D

Acq: 16 Sep 2015 21:50

Instrument :

BNA_E

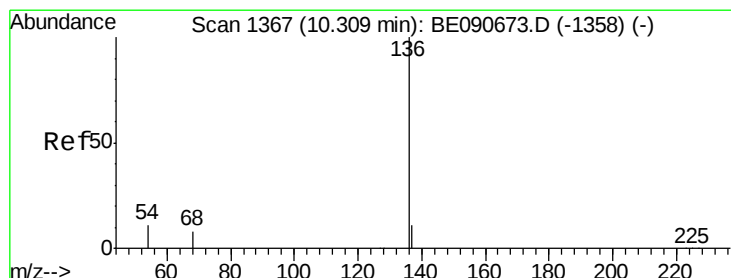
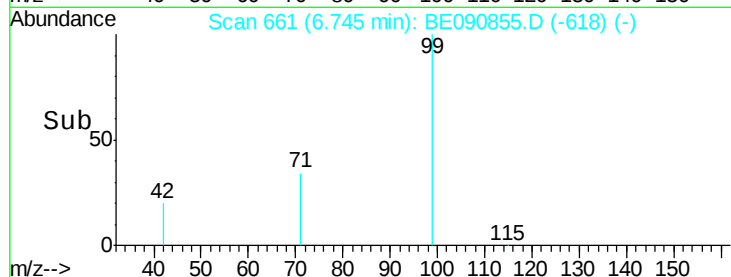
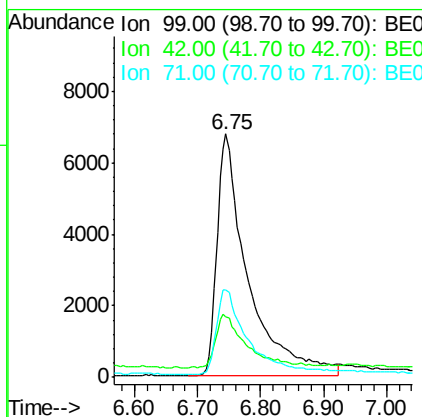
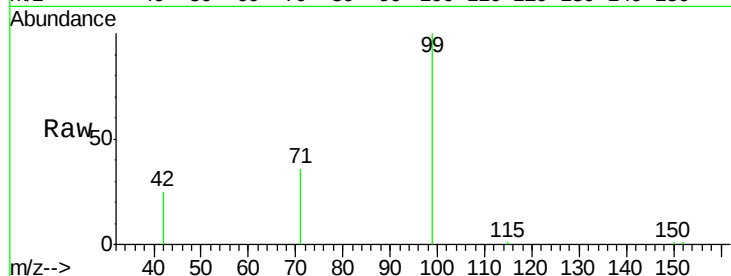
ClientSampleId :

WCSB3W

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Tot Ion:	99	Resp:	22968
Ion	Ratio	Lower	Upper
99	100		
42	21.7	16.8	25.2
71	34.9	28.3	42.5



#6

Naphthalene-d8

Concen: 5.00 ng

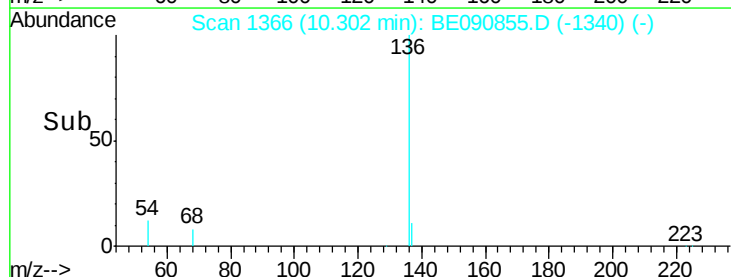
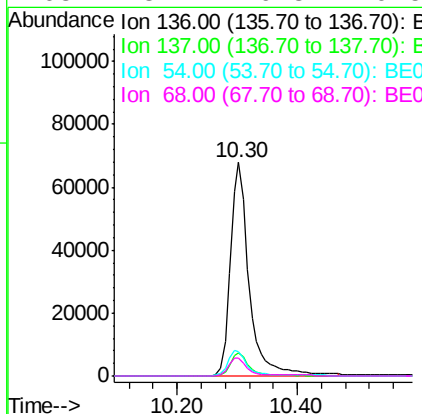
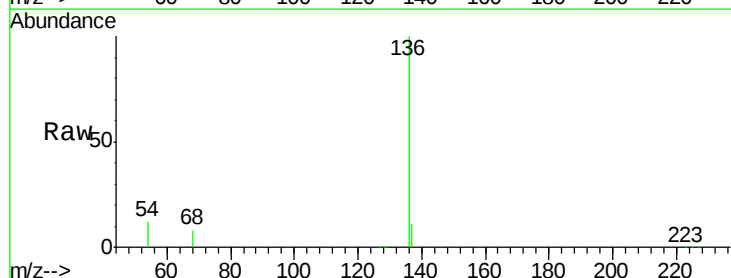
RT: 10.30 min Scan# 1366

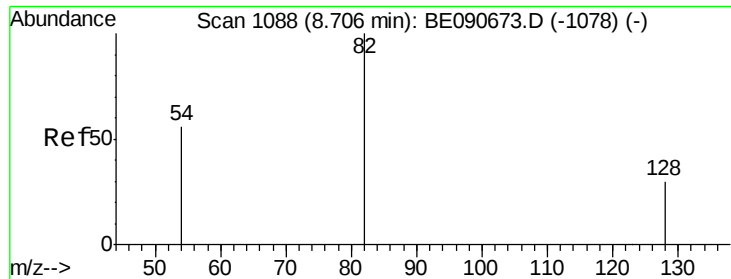
Delta R.T. -0.01 min

Lab File: BE090855.D

Acq: 16 Sep 2015 21:50

Tgt Ion:	136	Resp:	147650
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	11.7	9.0	13.6
68	8.2	6.3	9.5





#7

Nitrobenzene-d5

Concen: 3.26 ng

RT: 8.70 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BE090855.D

Acq: 16 Sep 2015 21:50

Instrument :

BNA_E

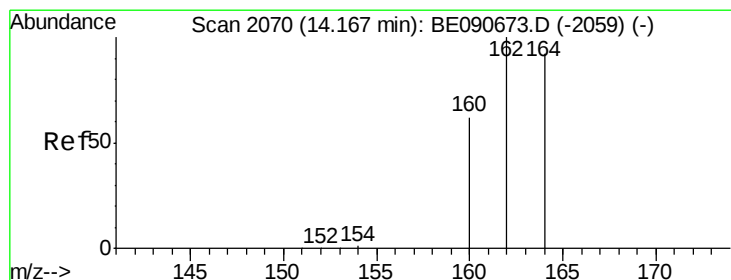
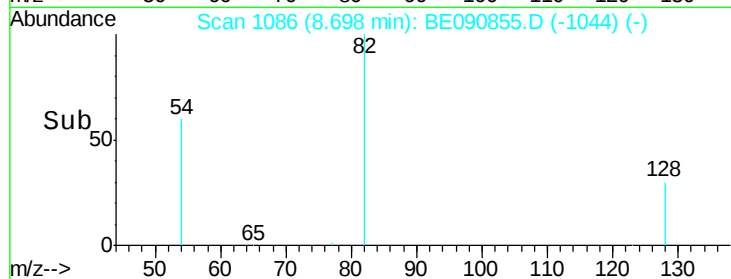
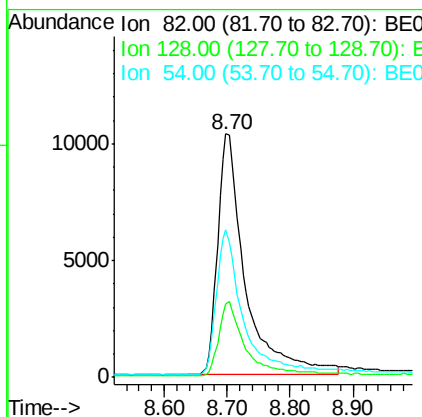
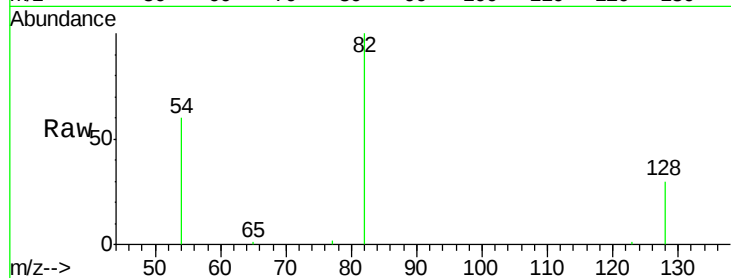
ClientSampleId :

WCSB3W

Tot Ion:	82	Resp:	31783
Ion	Ratio	Lower	Upper
82	100		
128	30.0	25.0	37.4
54	60.5	46.3	69.5

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#12

Acenaphthene-d10

Concen: 5.00 ng

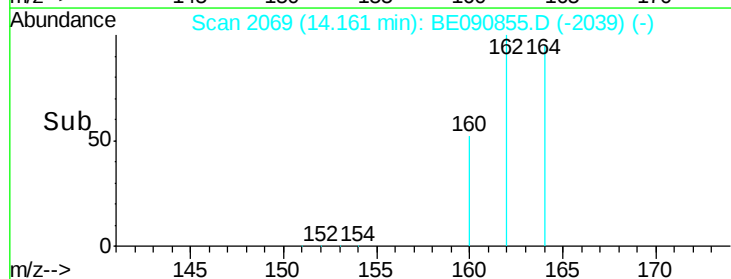
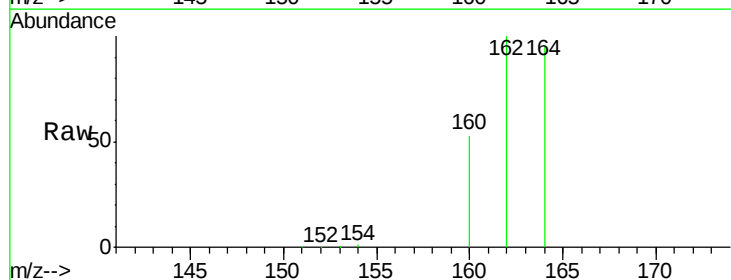
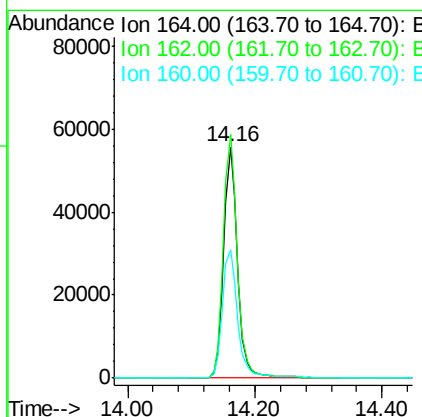
RT: 14.16 min Scan# 2069

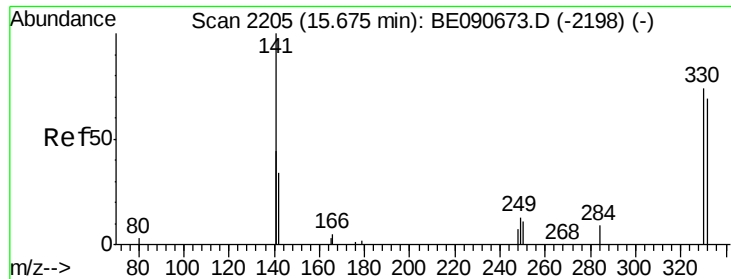
Delta R.T. -0.01 min

Lab File: BE090855.D

Acq: 16 Sep 2015 21:50

Tgt Ion:	164	Resp:	83330
Ion	Ratio	Lower	Upper
164	100		
162	105.2	86.8	130.2
160	55.3	53.9	80.9





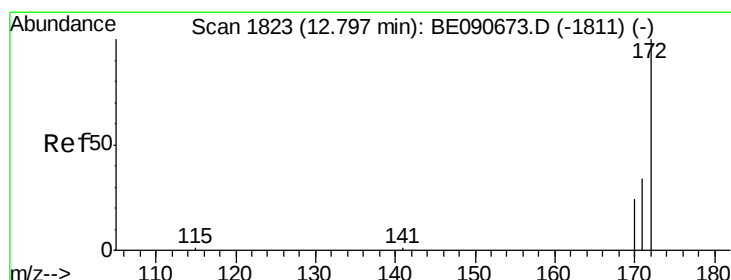
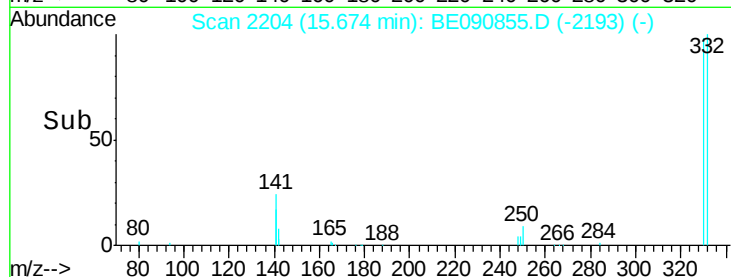
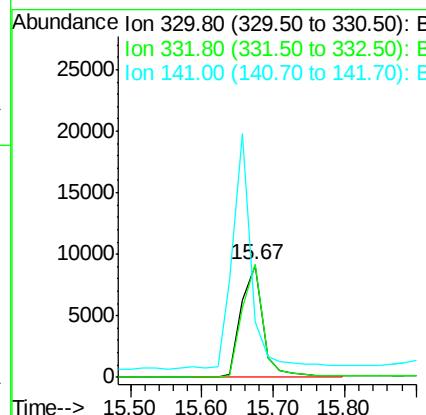
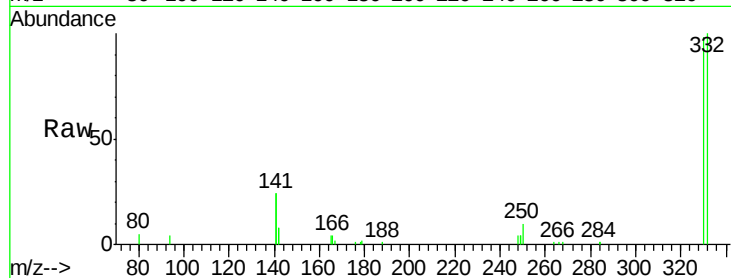
#13
 2,4,6-Tribromophenol
 Concen: 7.79 ng
 RT: 15.67 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: BE090855.D
 Acq: 16 Sep 2015 21:50

Instrument :
 BNA_E
 ClientSampleId :
 WCSB3W

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	74.9	112.3
141	186.5	145.2	217.8

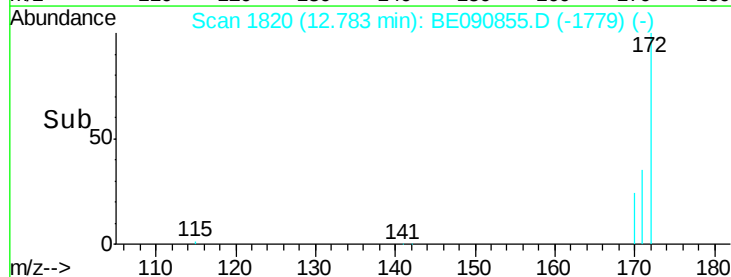
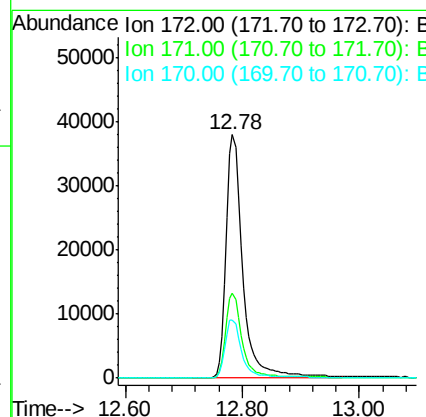
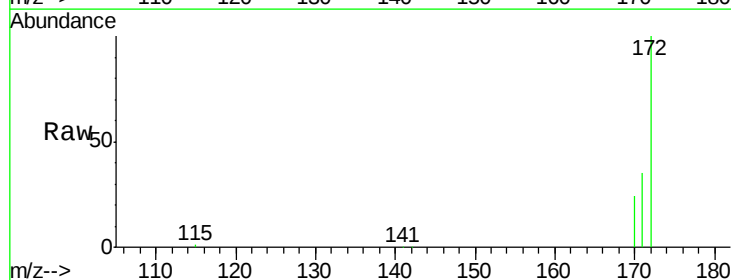
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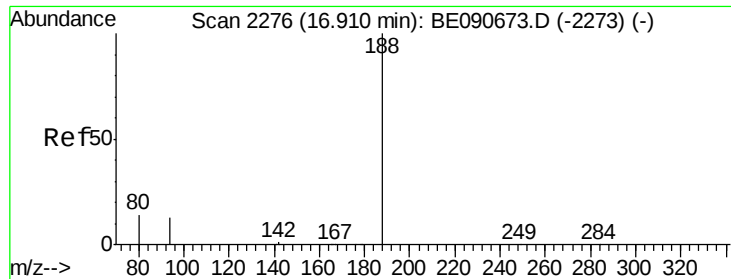
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#14
 2-Fluorobiphenyl
 Concen: 3.20 ng
 RT: 12.78 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BE090855.D
 Acq: 16 Sep 2015 21:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.8	41.8
170	23.7	19.8	29.6





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.91 min Scan# 2275

Delta R.T. -0.00 min

Lab File: BE090855.D

Acq: 16 Sep 2015 21:50

Instrument :

BNA_E

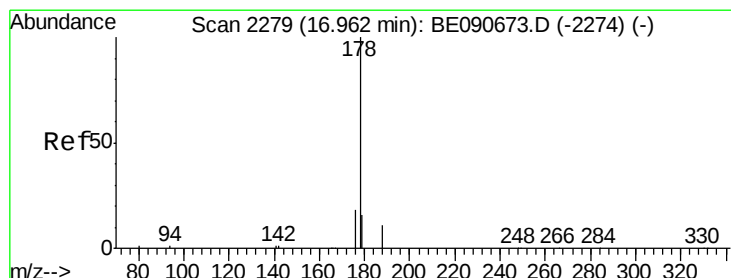
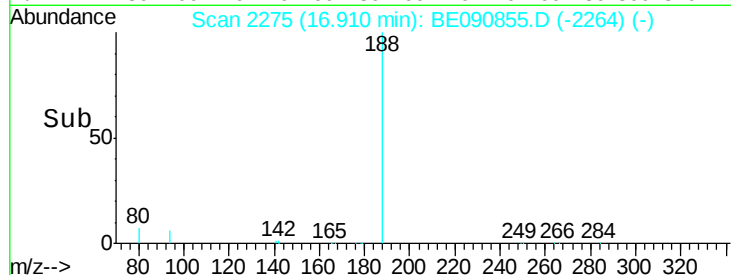
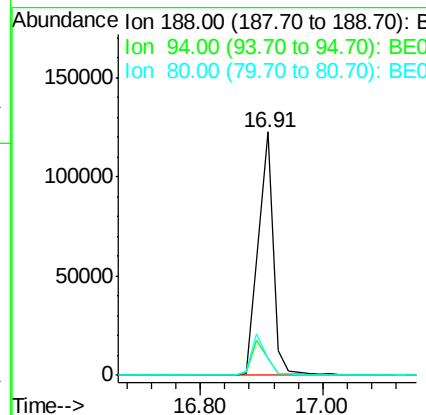
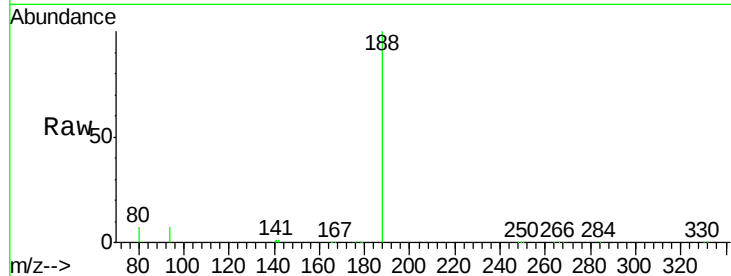
ClientSampleId :

WCSB3W

Tot Ion:	188	Resp:	207134
Ion Ratio	Lower	Upper	
188	100		
94	6.8	10.3	15.5#
80	6.8	11.0	16.6#

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#22

Phenanthrene

Concen: 0.12 ng m

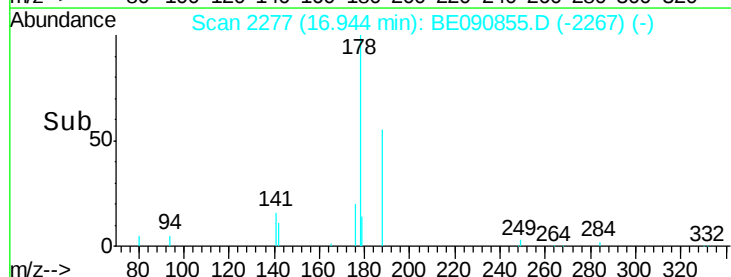
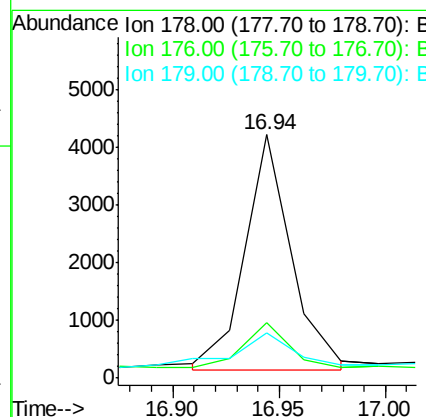
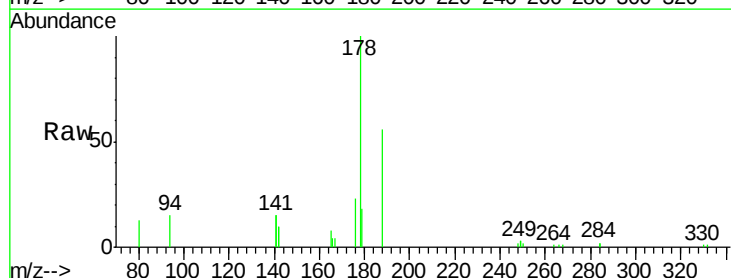
RT: 16.94 min Scan# 2277

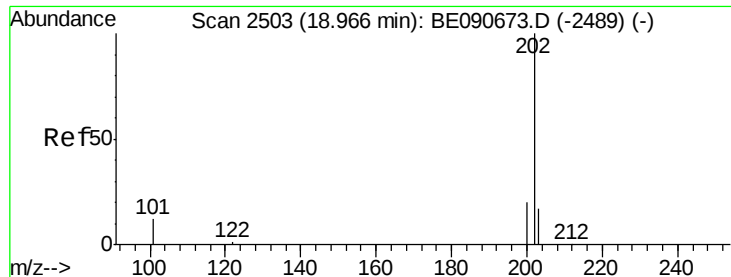
Delta R.T. -0.02 min

Lab File: BE090855.D

Acq: 16 Sep 2015 21:50

Tgt Ion:	178	Resp:	6214
Ion Ratio	Lower	Upper	
178	100		
176	4.5	15.6	23.4#
179	3.8	12.8	19.2#





#24

Fluoranthene

Concen: 0.04 ng

RT: 18.95 min Scan# 2499

Delta R.T. -0.02 min

Lab File: BE090855.D

Acq: 16 Sep 2015 21:50

Instrument :

BNA_E

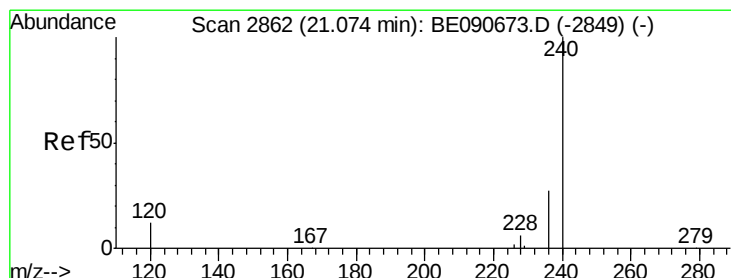
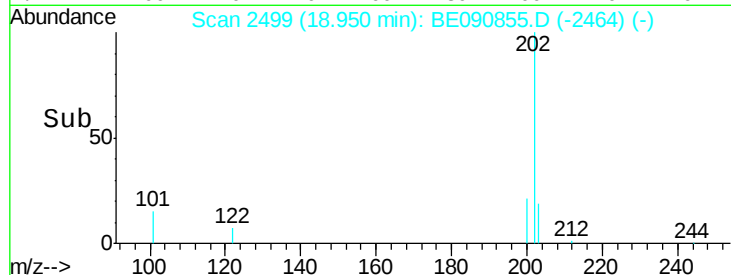
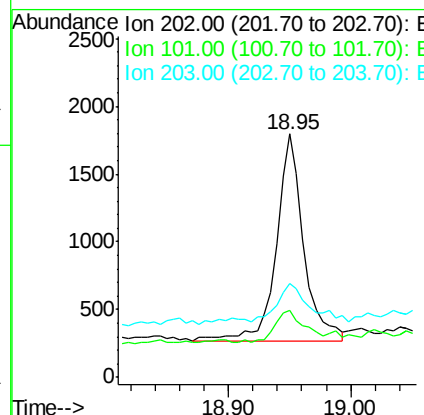
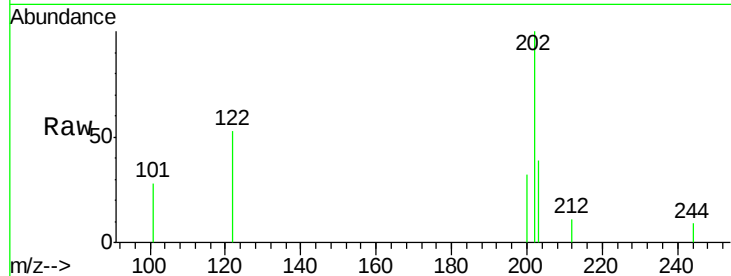
ClientSampleId :

WCSB3W

Tot Ion:	202	Resp:	2374
Ion Ratio	Lower	Upper	
202	100		
101	17.4	11.0	16.6#
203	21.7	13.9	20.9#

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#25

Chrysene-d12

Concen: 5.00 ng

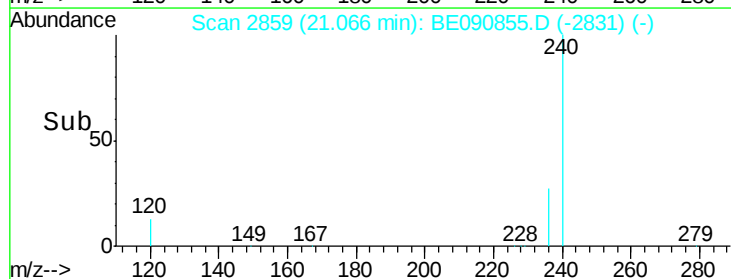
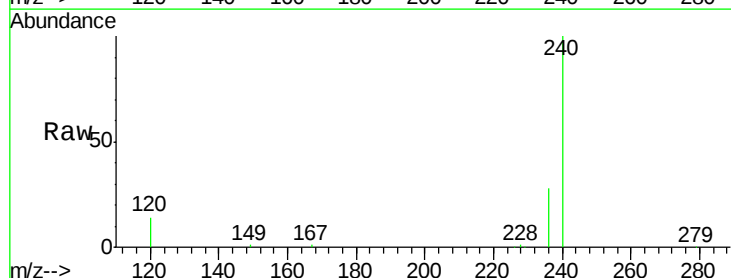
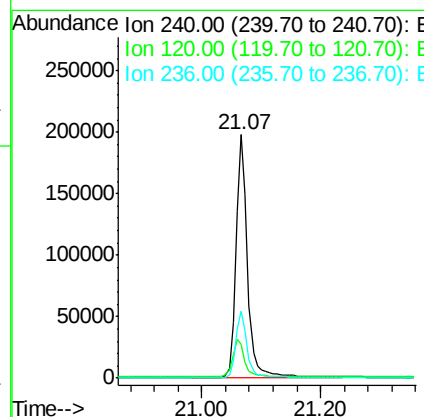
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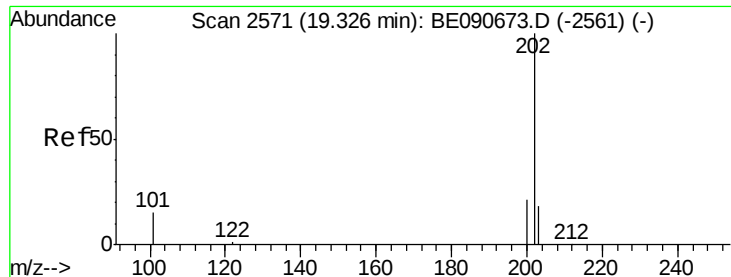
Delta R.T. -0.01 min

Lab File: BE090855.D

Acq: 16 Sep 2015 21:50

Tgt Ion:	240	Resp:	270474
Ion Ratio	Lower	Upper	
240	100		
120	14.1	10.1	15.1
236	27.6	21.9	32.9





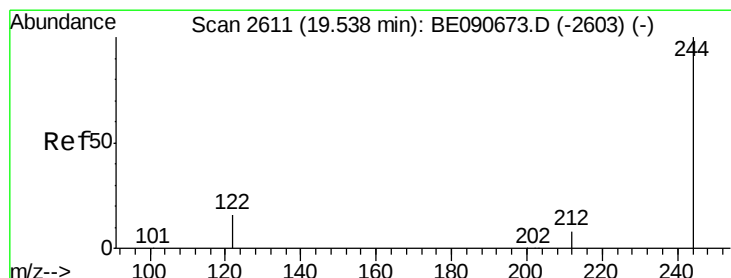
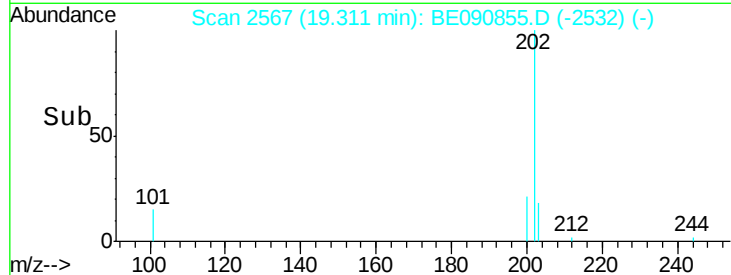
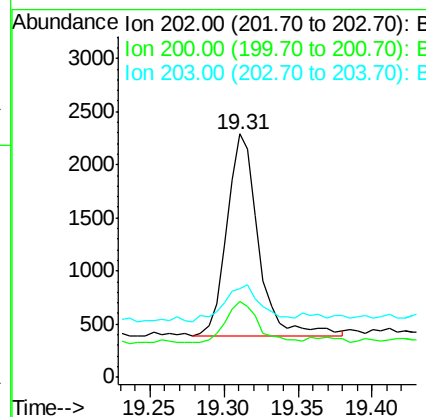
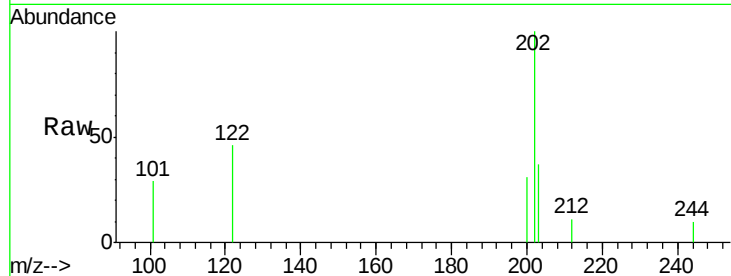
#26
Pvrene
Concen: 0.05 ng
RT: 19.31 min Scan# 2567
Delta R.T. -0.02 min
Lab File: BE090855.D
Acq: 16 Sep 2015 21:50

Instrument :
BNA_E
ClientSampleId :
WCSB3W

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.7	25.1
203	21.7	13.8	20.6

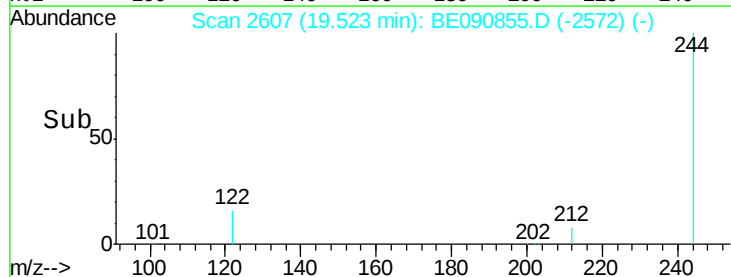
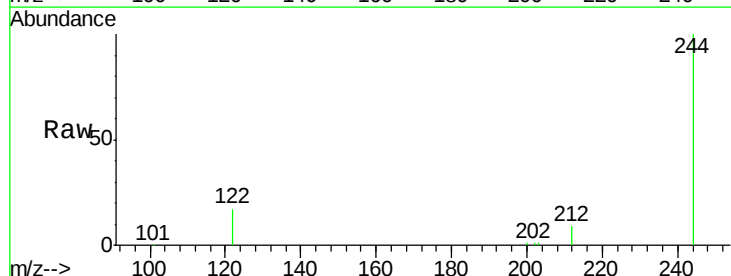
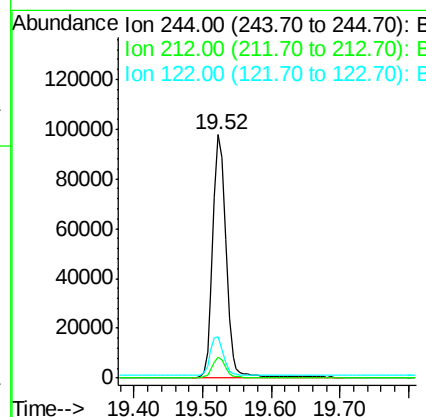
Manual Integrations
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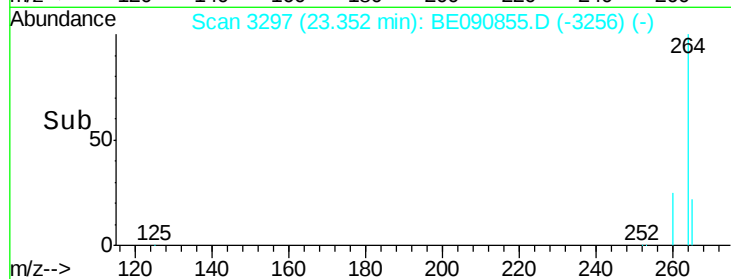
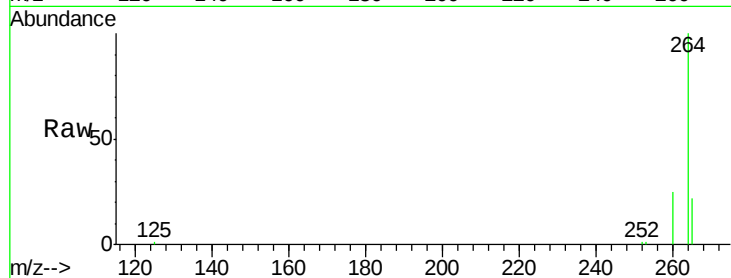
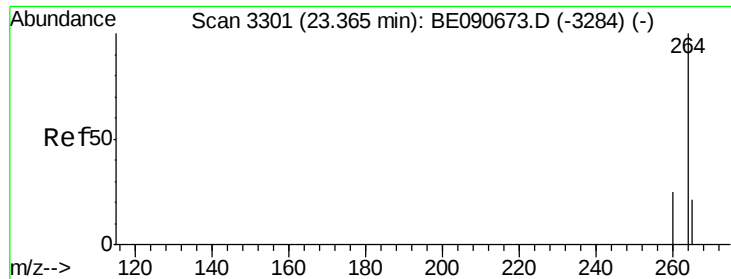
MMDadoda
9/17/2015 3:47:00 PM



#27
Terphenyl-d14
Concen: 4.35 ng
RT: 19.52 min Scan# 2607
Delta R.T. -0.02 min
Lab File: BE090855.D
Acq: 16 Sep 2015 21:50

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.9	10.3
122	16.8	12.9	19.3





#32
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.35 min Scan# 3297
 Delta R.T. -0.01 min
 Lab File: BE090855.D
 Acq: 16 Sep 2015 21:50

Instrument :
 BNA_E
 ClientSampleId :
 WCSB3W

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	24.8	19.7	29.5
265	22.1	17.5	26.3

Manual Integrations
 APPROVED

MMDadoda
 9/17/2015 3:47:00 PM

