

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062615\
 Data File : BE089977.D
 Acq On : 27 Jun 2015 15:19
 Operator : TP/IZ
 Sample : G2782-25 2X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 X1SS0620006-150624

Manual Integrations
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Quant Time: Jun 29 01:47:58 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 25 16:51:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	26547	5.00	ng	0.00
6) Naphthalene-d8	10.39	136	130747	5.00	ng	0.00
12) Acenaphthene-d10	14.24	164	77039	5.00	ng	0.00
18) Phenanthrene-d10	16.98	188	174629	5.00	ng	0.00
25) Chrysene-d12	21.14	240	187927	5.00	ng	0.00
32) Perylene-d12	23.47	264	175887	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	27858	5.81	ng	0.00
5) Phenol-d6	6.81	99	47065	6.41	ng	0.00
7) Nitrobenzene-d5	8.77	82	29559	3.04	ng	0.00
13) 2,4,6-Tribromophenol	15.74	330	8638	6.42	ng	0.00
14) 2-Fluorobiphenyl	12.86	172	67756	3.02	ng	0.00
27) Terphenyl-d14	19.60	244	94228	2.90	ng	0.00
Target Compounds						
15) Acenaphthylene	13.96	152	5615	0.04	ng	Qvalue 100
22) Phenanthrene	17.01	178	11258	0.26	ng	99
23) Anthracene	17.12	178	3230m	0.08	ng	
24) Fluoranthene	19.02	202	32473	0.68	ng	100
26) Pyrene	19.38	202	30024	0.63	ng	97
28) Benzo(a)anthracene	21.12	228	19981	0.45	ng	97
29) Chrysene	21.17	228	22181	0.45	ng	97
30) Bis(2-ethylhexyl)phthalate	21.07	149	2386	0.62	ng	# 91
31) Indeno(1,2,3-cd)pyrene	25.87	276	13618	0.38	ng	# 100
33) Benzo(b)fluoranthene	22.75	252	27392	0.74	ng	96
34) Benzo(k)fluoranthene	22.80	252	11670m	0.28	ng	
35) Benzo(a)pyrene	23.36	252	17722	0.54	ng	96
36) Dibenzo(a,h)anthracene	25.90	278	3299	0.11	ng	# 79
37) Benzo(g,h,i)perylene	26.63	276	14725	0.44	ng	98

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

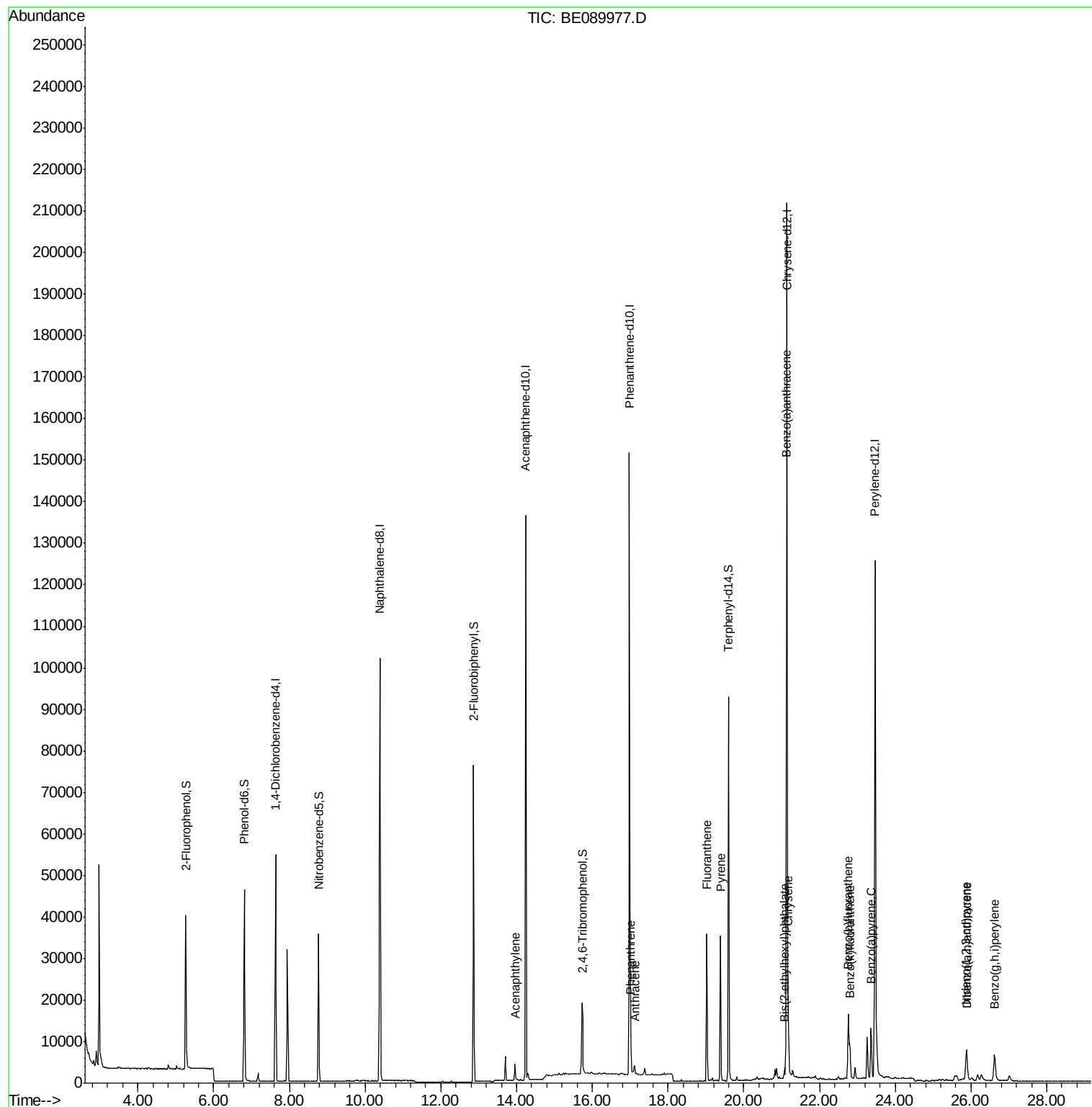
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062615\
Data File : BE089977.D
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ALS Vial : 33 Sample Multiplier: 1

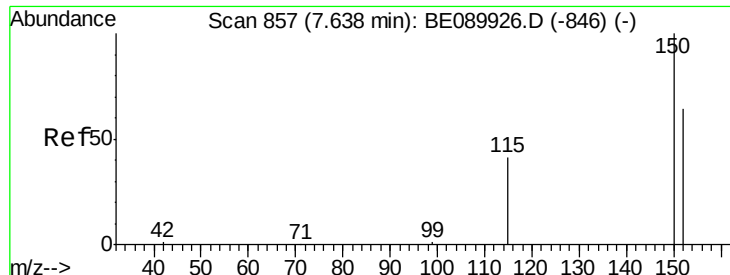
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.63 min Scan# 856

Delta R.T. -0.00 min

Lab File: BE089977.D

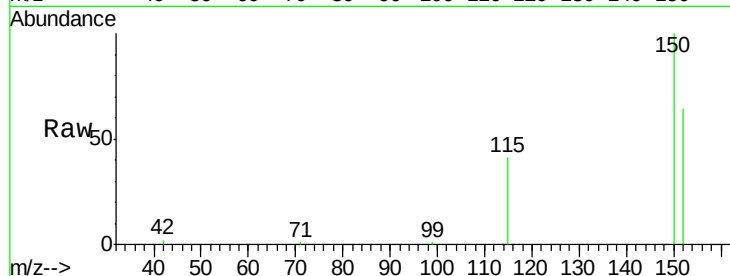
Acq: 27 Jun 2015 15:19

Instrument :

BNA_E

ClientSampleId :

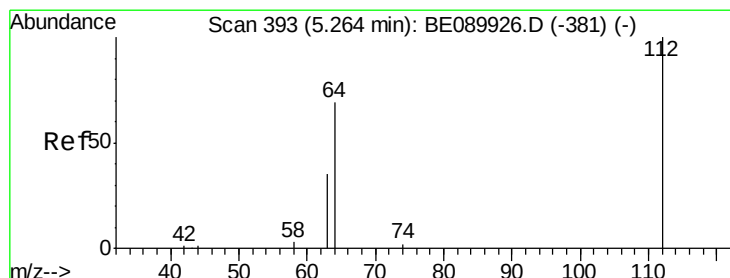
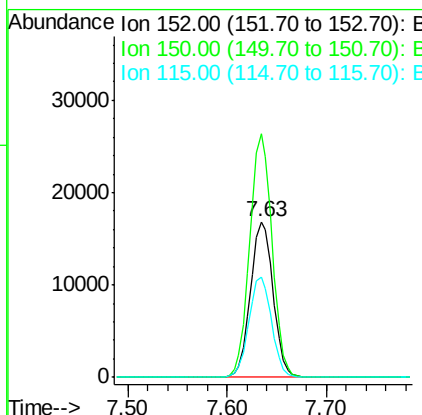
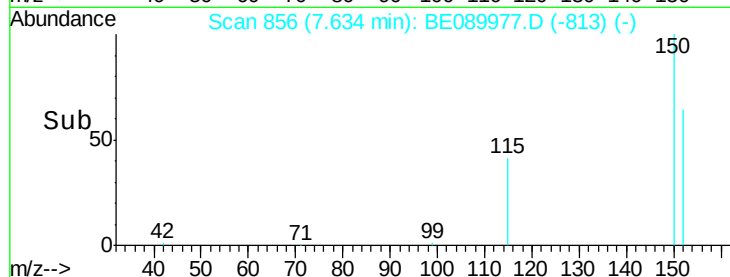
X1SS0620006-150624



Tgt Ion:	152	Resp:	26547
Ion Ratio	Lower	Upper	
152	100		
150	156.4	124.6	186.8
115	64.4	51.6	77.4

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#4

2-Fluorophenol

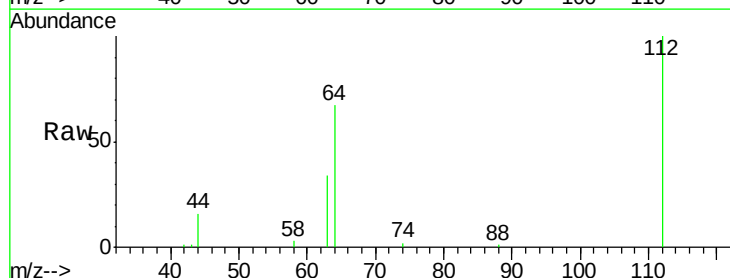
Concen: 5.81 ng

RT: 5.26 min Scan# 393

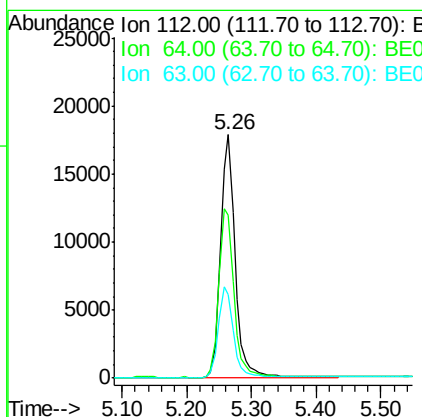
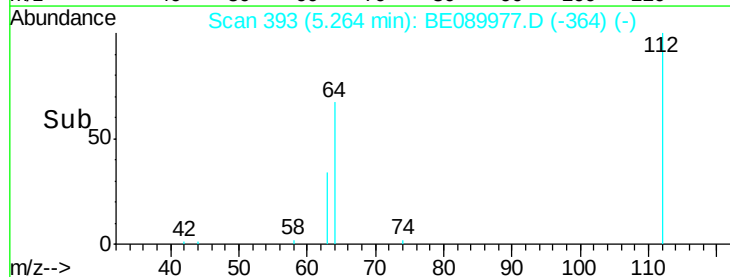
Delta R.T. -0.00 min

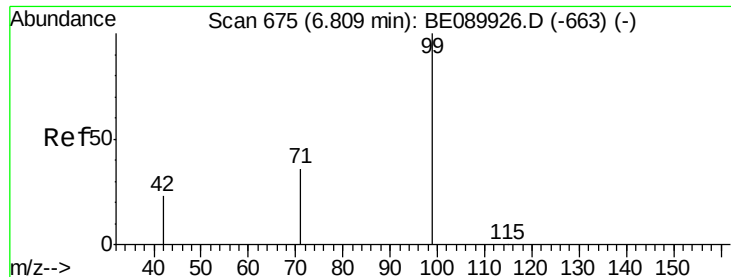
Lab File: BE089977.D

Acq: 27 Jun 2015 15:19



Tgt Ion:	112	Resp:	27858
Ion Ratio	Lower	Upper	
112	100		
64	72.5	57.4	86.2
63	37.9	31.2	46.8





#5

Phenol-d6

Concen: 6.41 ng

RT: 6.81 min Scan# 675

Delta R.T. 0.00 min

Lab File: BE089977.D

Acq: 27 Jun 2015 15:19

Instrument :

BNA_E

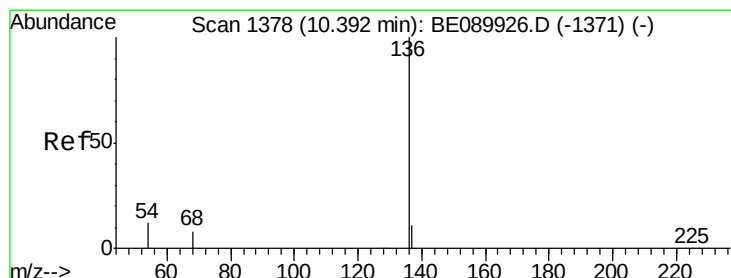
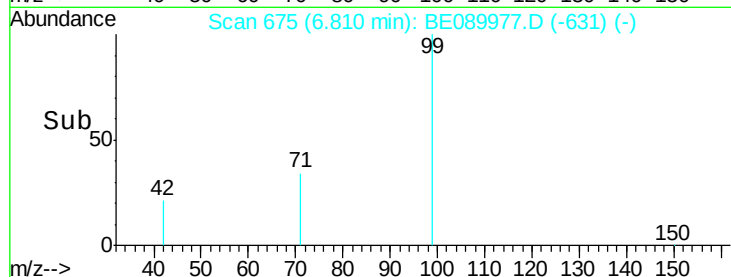
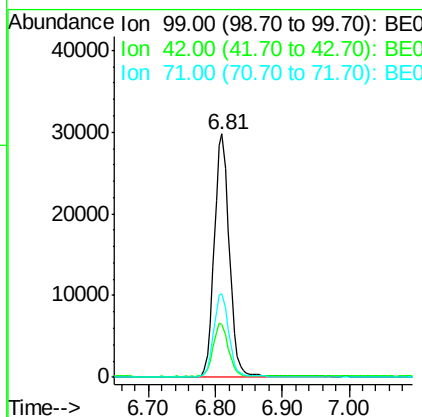
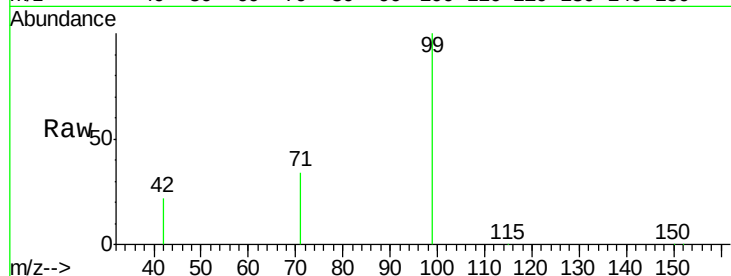
ClientSampleId :

X1SS0620006-150624

Tgt Ion:	99	Resp:	47065
Ion Ratio	Lower	Upper	
99	100		
42	22.3	19.5	29.3
71	34.2	27.8	41.6

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#6

Naphthalene-d8

Concen: 5.00 ng

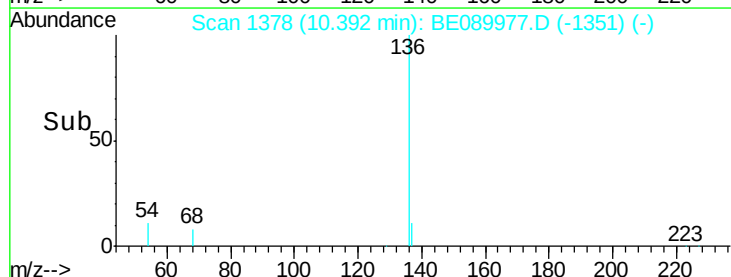
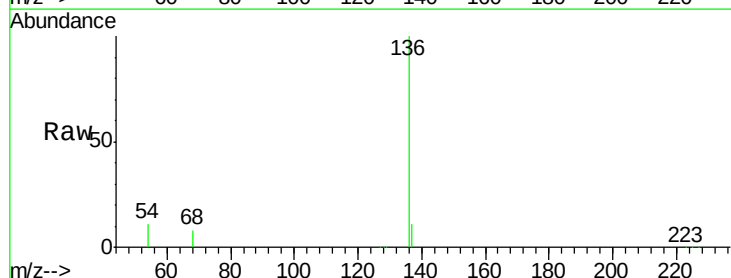
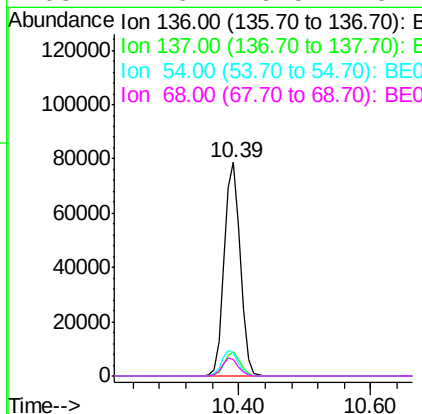
RT: 10.39 min Scan# 1378

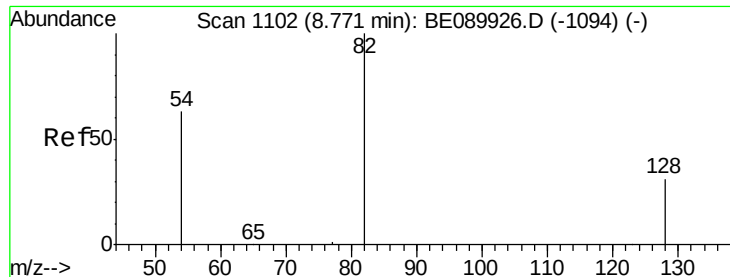
Delta R.T. -0.00 min

Lab File: BE089977.D

Acq: 27 Jun 2015 15:19

Tgt Ion:	136	Resp:	130747
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.7	13.1
54	10.9	9.7	14.5
68	7.6	6.5	9.7





#7

Nitrobenzene-d5

Concen: 3.04 ng

RT: 8.77 min Scan# 1102

Delta R.T. -0.00 min

Lab File: BE089977.D

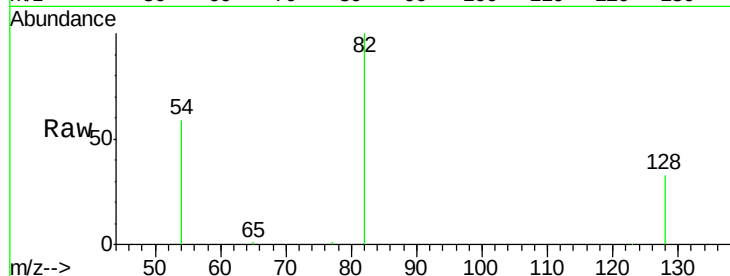
Acq: 27 Jun 2015 15:19

Instrument :

BNA_E

ClientSampleId :

X1SS0620006-150624



Tgt Ion: 82 Resp: 29559

Ion Ratio Lower Upper

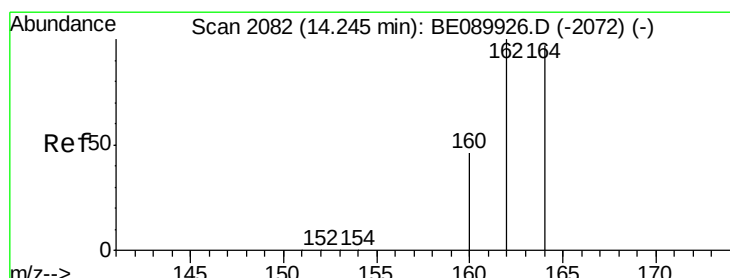
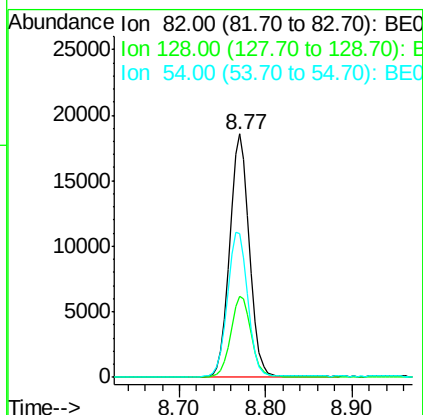
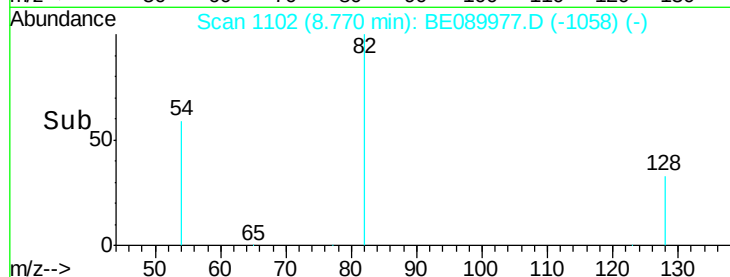
82 100

128 33.3 25.6 38.4

54 58.9 51.2 76.8

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#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.24 min Scan# 2081

Delta R.T. -0.01 min

Lab File: BE089977.D

Acq: 27 Jun 2015 15:19

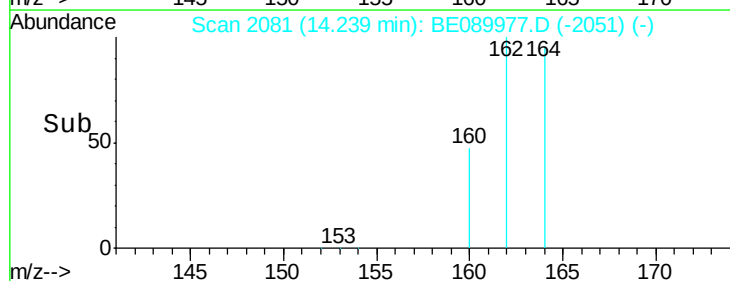
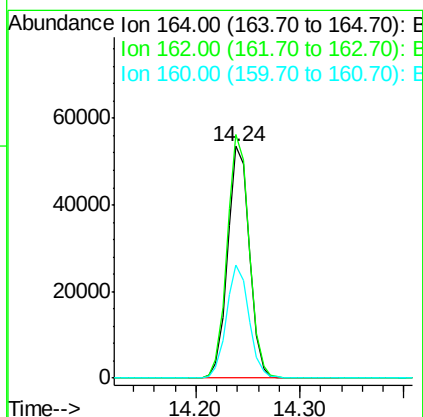
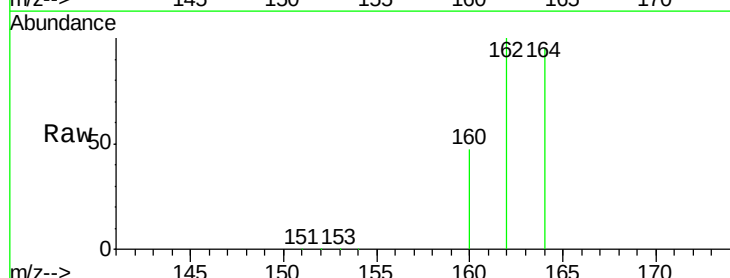
Tgt Ion: 164 Resp: 77039

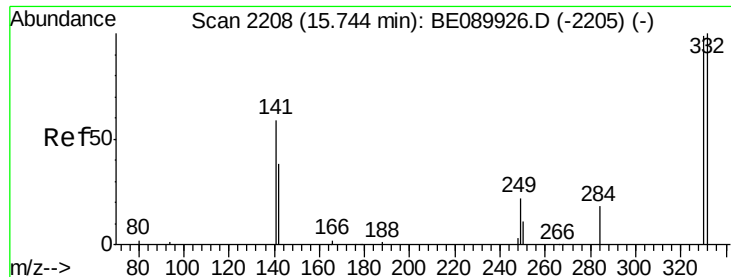
Ion Ratio Lower Upper

164 100

162 105.1 82.7 124.1

160 49.0 38.3 57.5





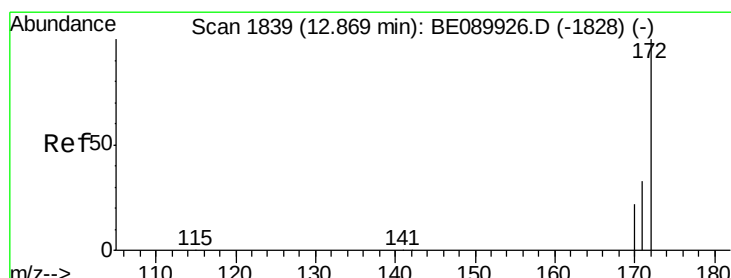
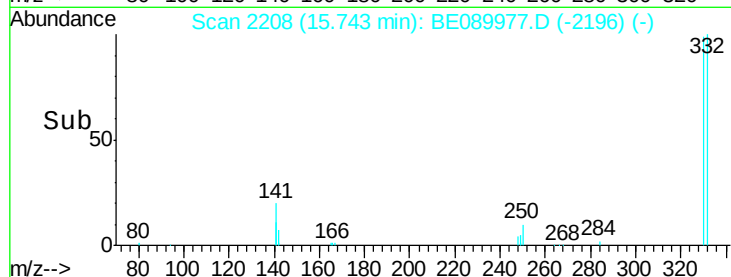
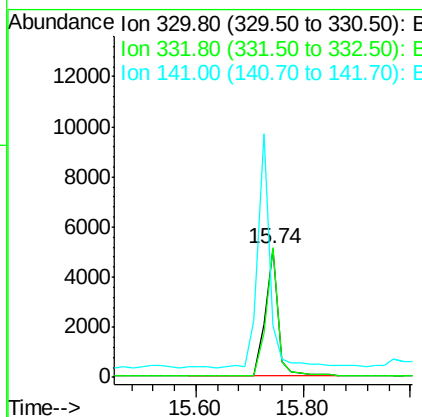
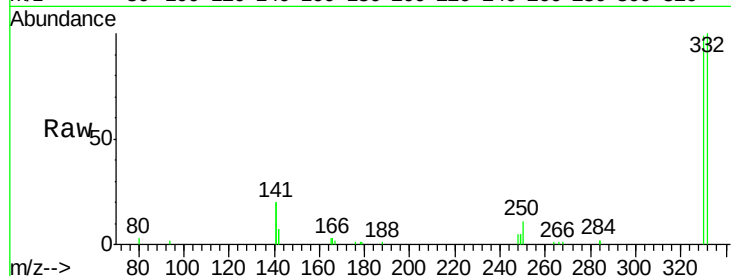
#13
 2,4,6-Tribromophenol
 Concen: 6.42 ng
 RT: 15.74 min Scan# 2208
 Delta R.T. 0.00 min
 Lab File: BE089977.D
 Acq: 27 Jun 2015 15:19

Instrument :
 BNA_E
 ClientSampleId :
 X1SS0620006-150624

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.9	116.9
141	169.0	142.8	214.2

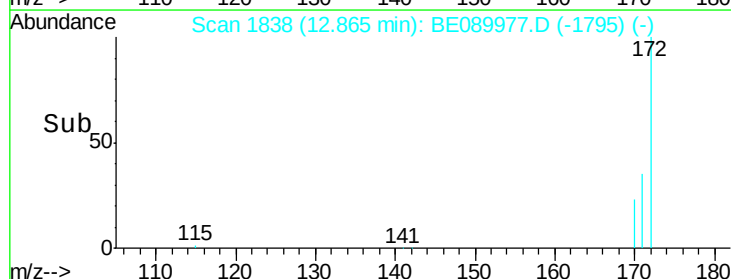
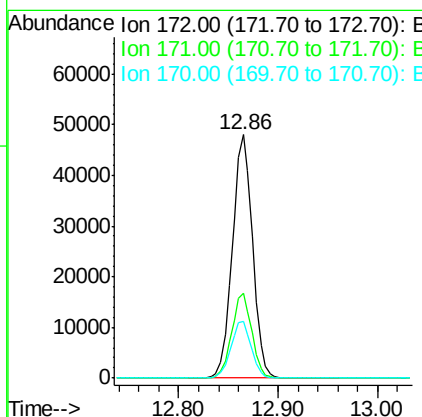
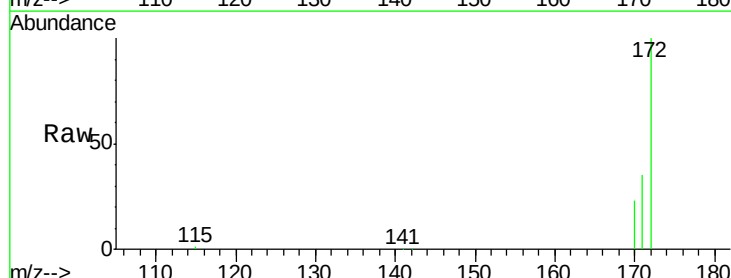
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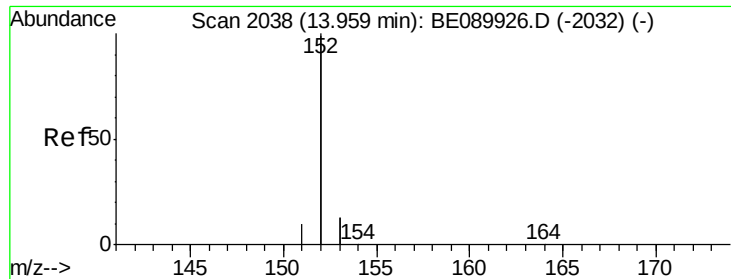
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#14
 2-Fluorobiphenyl
 Concen: 3.02 ng
 RT: 12.86 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: BE089977.D
 Acq: 27 Jun 2015 15:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	26.7	40.1
170	23.3	17.5	26.3





#15

Acenaphthylene

Concen: 0.04 ng

RT: 13.96 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BE089977.D

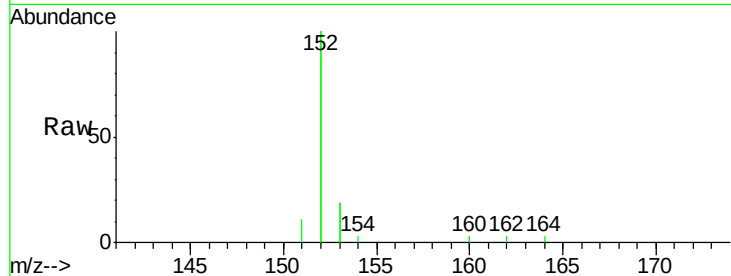
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Instrument :

BNA_E

ClientSampleId :

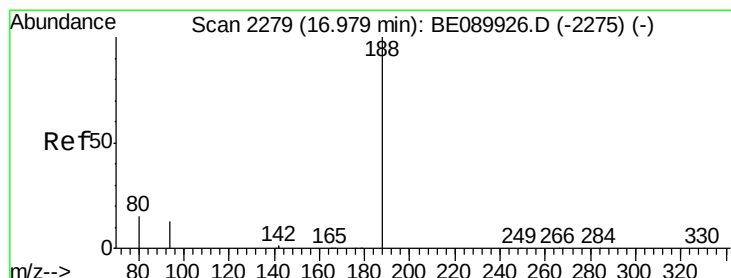
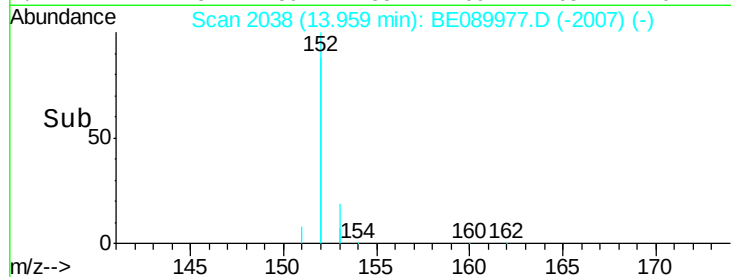
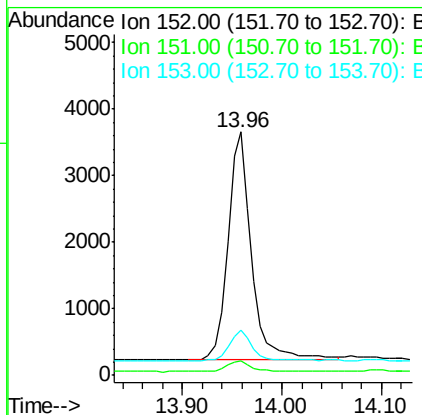
X1SS0620006-150624



Tgt Ion	Ratio	Lower	Upper
152	100		
151	5.0	3.9	5.9
153	12.9	10.4	15.6

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#18

Phenanthrene-d10

Concen: 5.00 ng

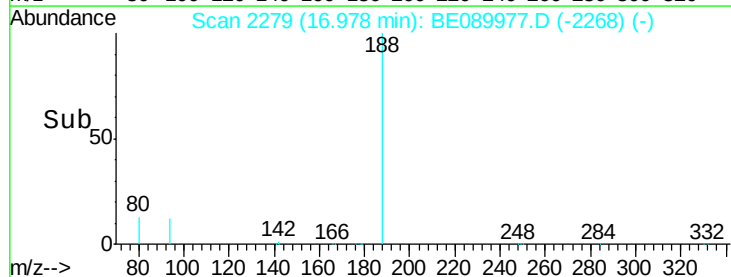
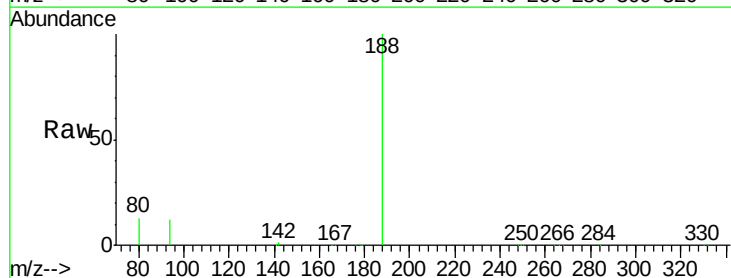
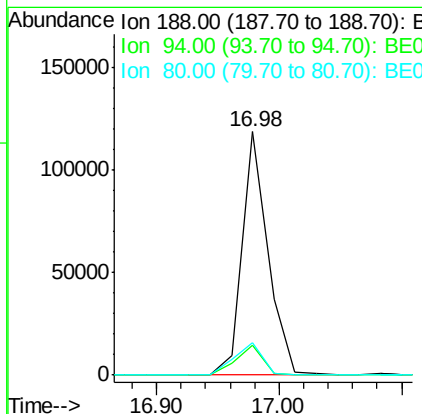
RT: 16.98 min Scan# 2279

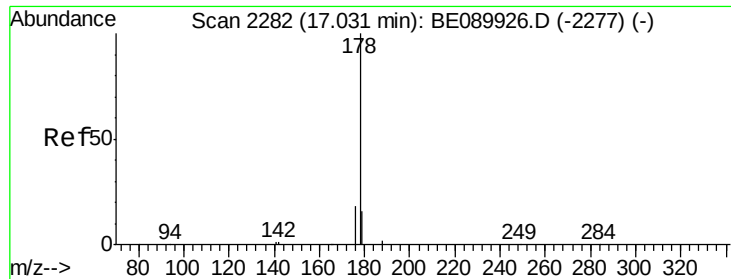
Delta R.T. -0.00 min

Lab File: BE089977.D

Acq: 27 Jun 2015 15:19

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.1	10.6	16.0
80	13.2	11.8	17.6





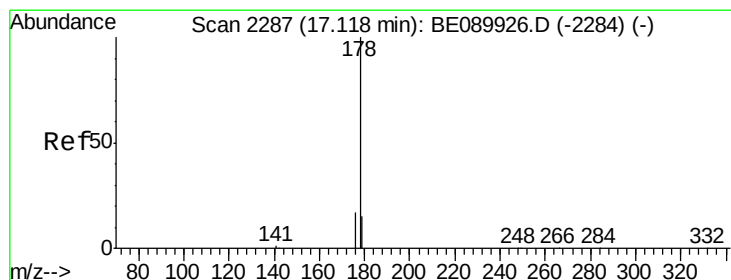
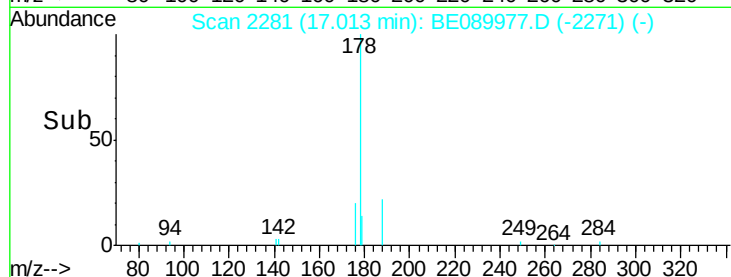
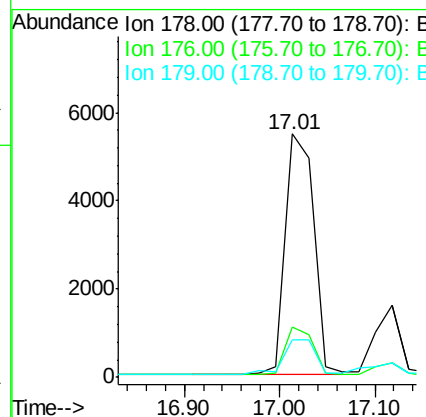
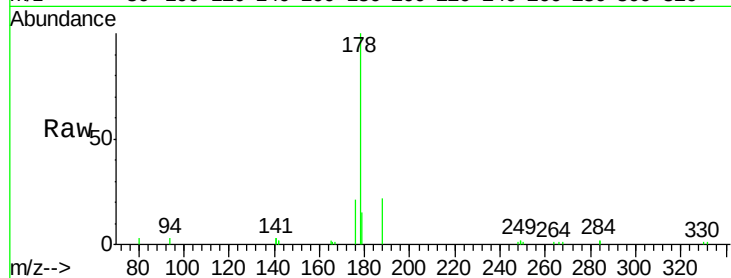
#22
Phenanthrene
Concen: 0.26 ng
RT: 17.01 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BE089977.D
Acq: 27 Jun 2015 15:19

Instrument :
BNA_E
ClientSampleId :
X1SS0620006-150624

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	16.6	12.6	19.0

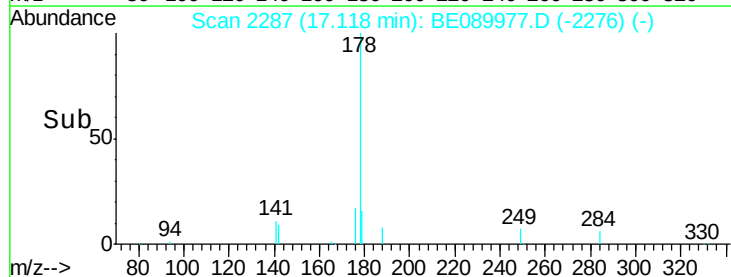
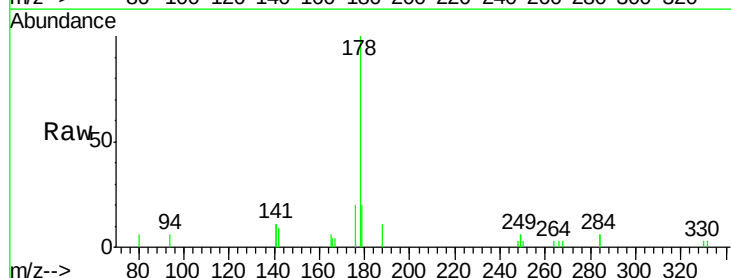
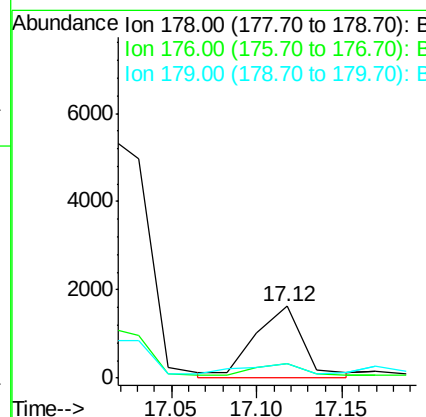
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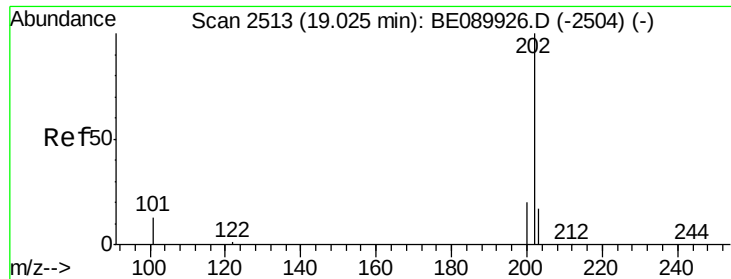
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#23
Anthracene
Concen: 0.08 ng m
RT: 17.12 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BE089977.D
Acq: 27 Jun 2015 15:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	67.4	14.6	21.8#
179	56.4	12.3	18.5#





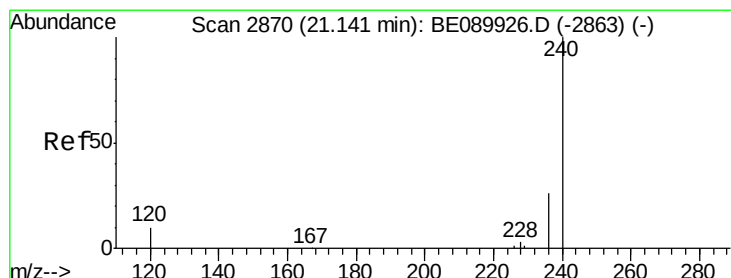
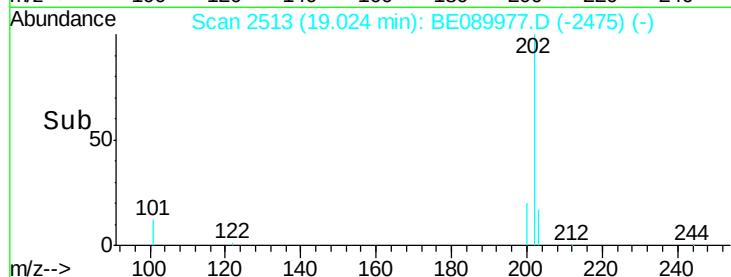
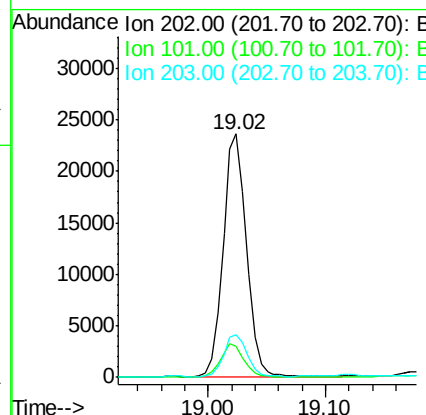
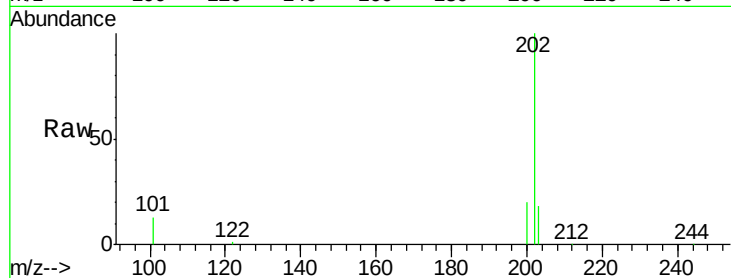
#24
 Fluoranthene
 Concen: 0.68 ng
 RT: 19.02 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BE089977.D
 Acq: 27 Jun 2015 15:19

Instrument :
 BNA_E
 ClientSampleId :
 X1SS0620006-150624

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	32473		
101	13.3	10.6	16.0	
203	17.1	13.8	20.8	

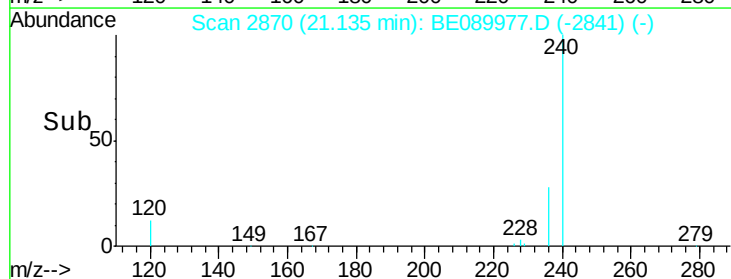
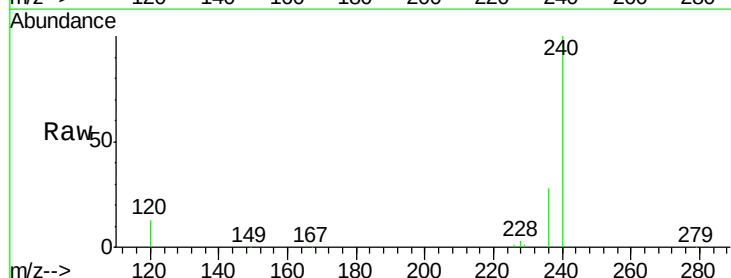
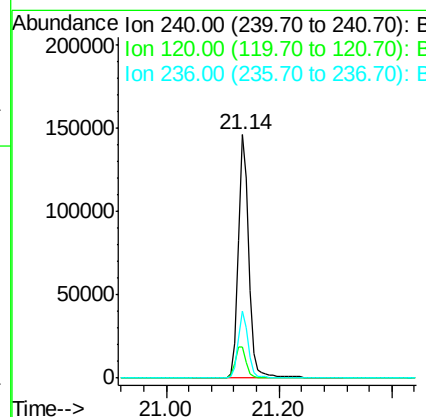
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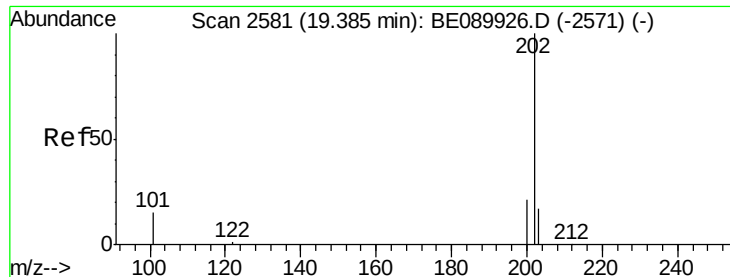
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#25
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.14 min Scan# 2870
 Delta R.T. -0.01 min
 Lab File: BE089977.D
 Acq: 27 Jun 2015 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	187927		
120	12.6	7.9	11.9#	
236	27.7	21.2	31.8	





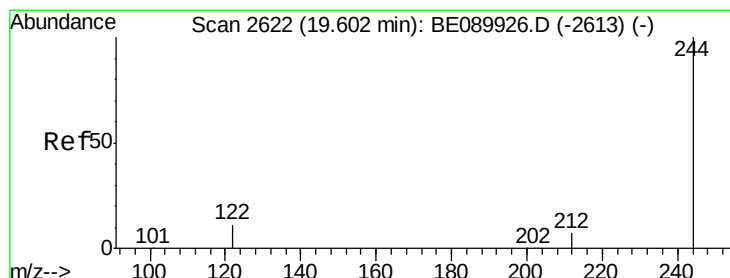
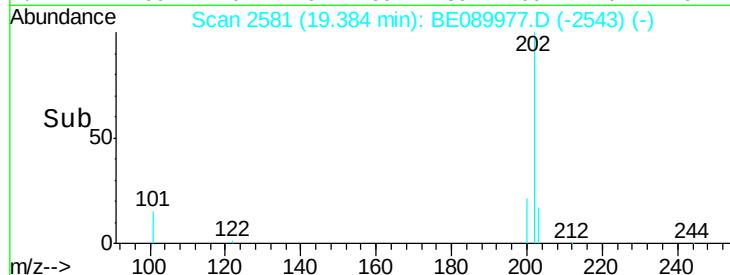
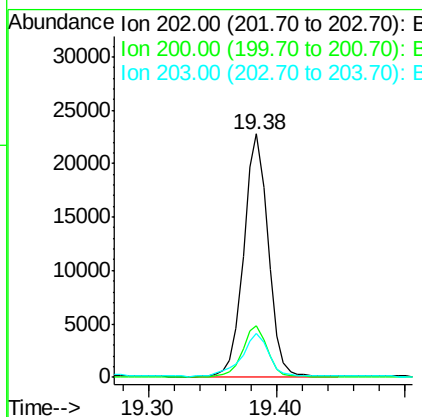
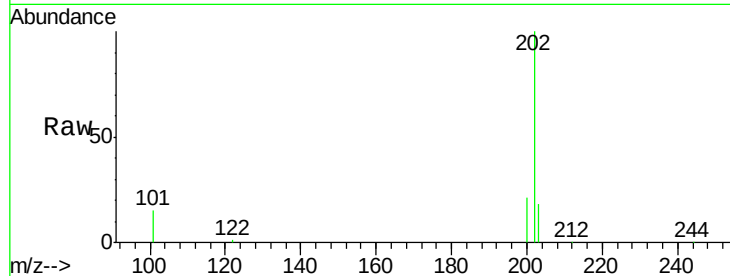
#26
 Pyrene
 Concen: 0.63 ng
 RT: 19.38 min Scan# 2581
 Delta R.T. -0.00 min
 Lab File: BE089977.D
 Acq: 27 Jun 2015 15:19

Instrument :
 BNA_E
 ClientSampleId :
 X1SS0620006-150624

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.1	16.6	25.0
203	19.9	13.9	20.9

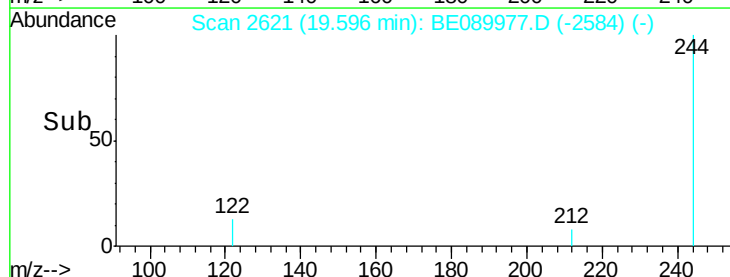
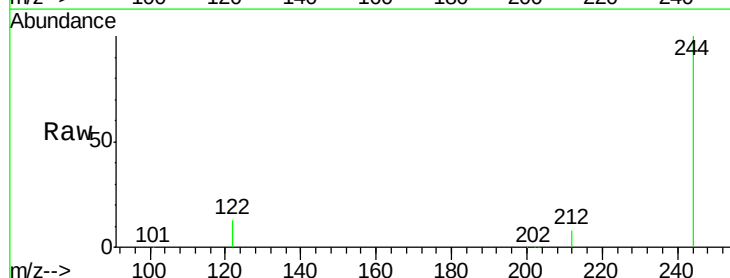
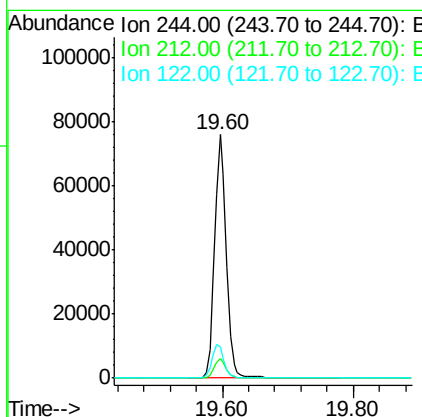
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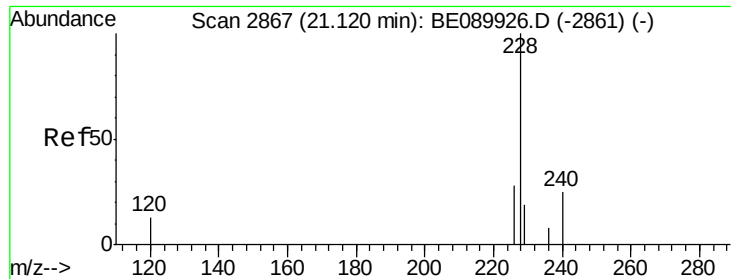
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#27
 Terphenyl-d14
 Concen: 2.90 ng
 RT: 19.60 min Scan# 2621
 Delta R.T. -0.01 min
 Lab File: BE089977.D
 Acq: 27 Jun 2015 15:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	8.2	6.1	9.1
122	13.0	8.7	13.1





#28

Benzo(a)anthracene

Concen: 0.45 ng

RT: 21.12 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BE089977.D

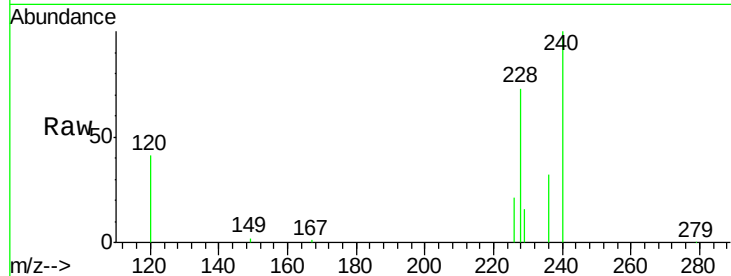
Acq: 27 Jun 2015 15:19

Instrument :

BNA_E

ClientSampleId :

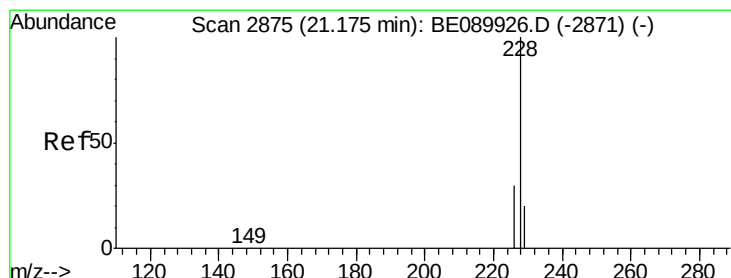
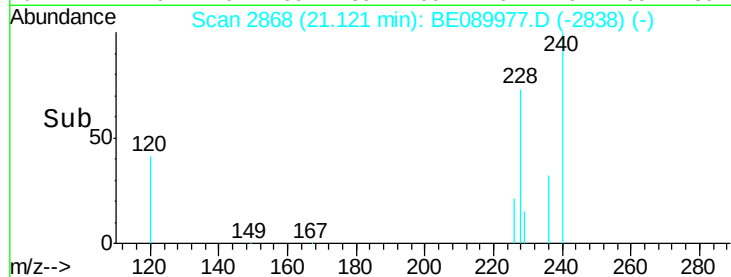
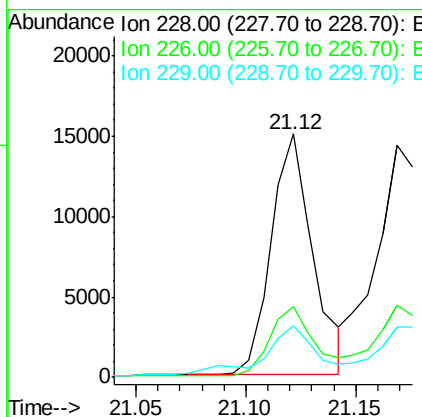
X1SS0620006-150624



Tgt Ion:	228	Resp:	19981
Ion Ratio	Lower	Upper	
228	100		
226	29.0	22.2	33.4
229	21.3	15.3	22.9

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#29

Chrysene

Concen: 0.45 ng

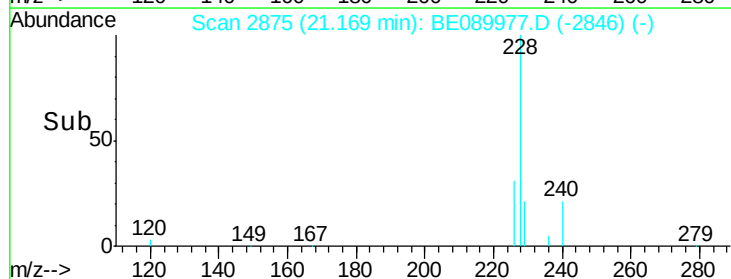
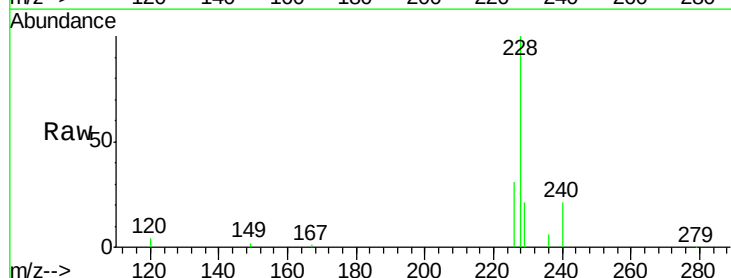
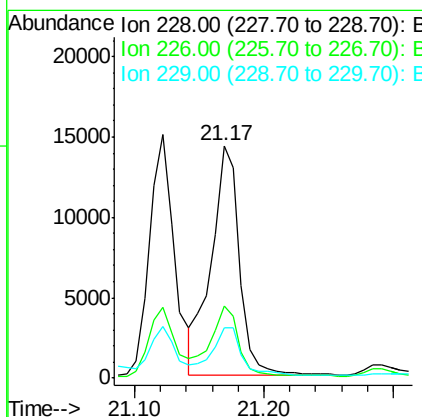
RT: 21.17 min Scan# 2875

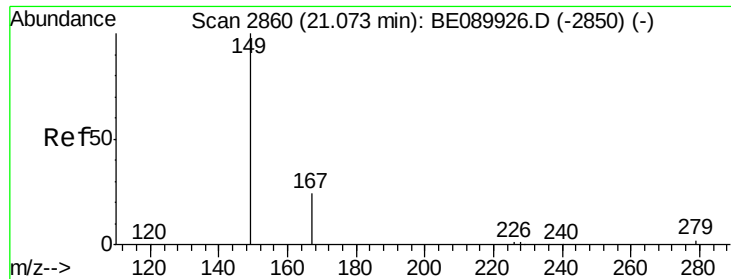
Delta R.T. -0.01 min

Lab File: BE089977.D

Acq: 27 Jun 2015 15:19

Tgt Ion:	228	Resp:	22181
Ion Ratio	Lower	Upper	
228	100		
226	31.0	23.7	35.5
229	21.5	15.8	23.8





#30

Bis(2-ethylhexyl)phthalate

Concen: 0.62 ng

RT: 21.07 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BE089977.D

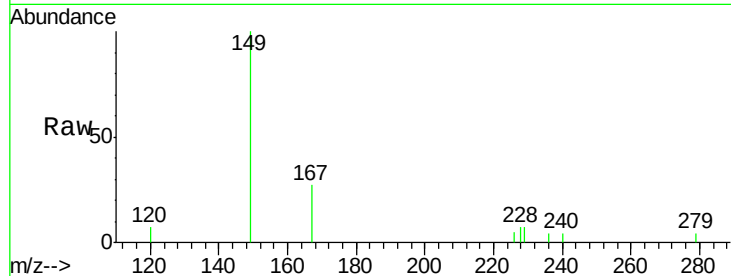
Acq: 27 Jun 2015 15:19

Instrument :

BNA_E

ClientSampleId :

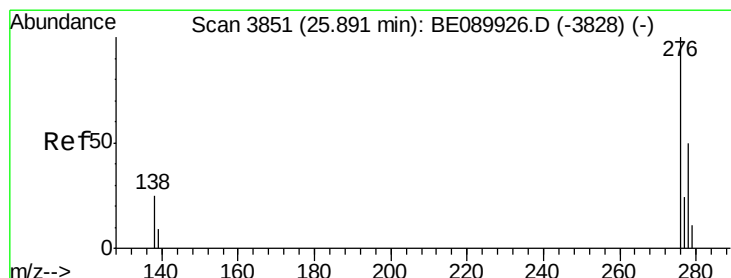
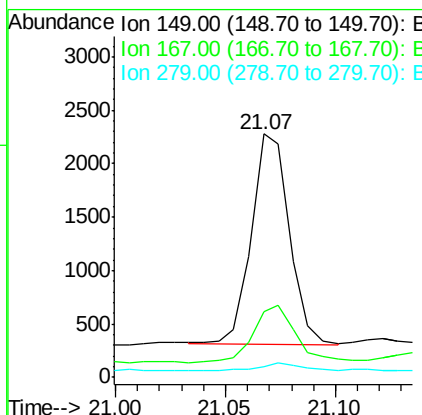
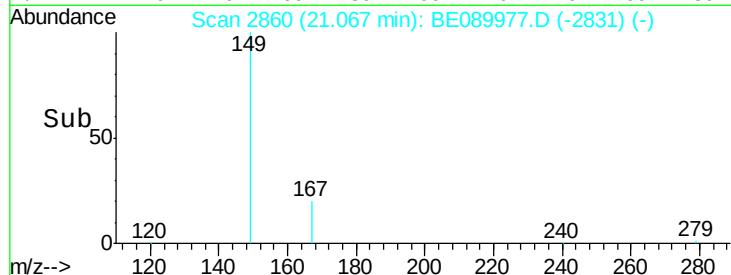
X1SS0620006-150624



Tgt Ion:	149	Resp:	2386
Ion Ratio	Lower	Upper	
149	100		
167	30.7	20.3	30.5#
279	3.6	2.7	4.1

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#31

Indeno(1,2,3-cd)pyrene

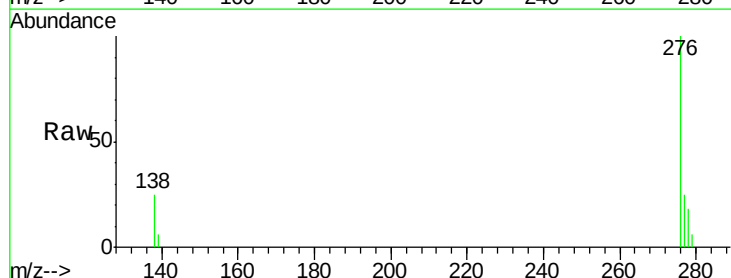
Concen: 0.38 ng

RT: 25.87 min Scan# 3847

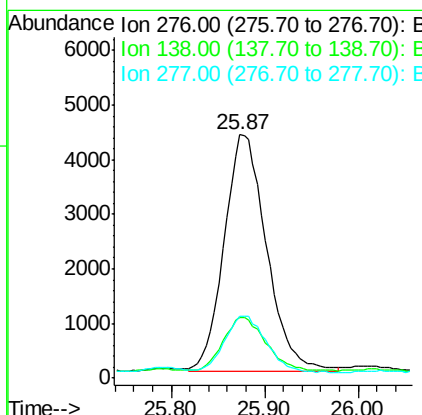
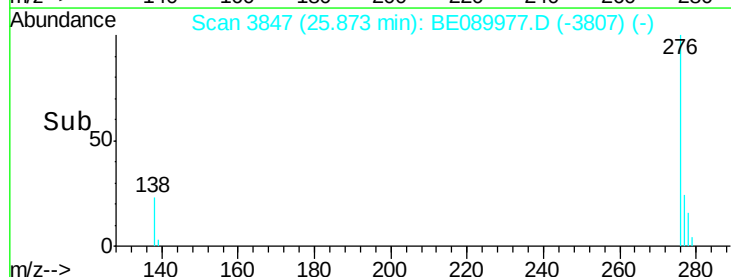
Delta R.T. -0.02 min

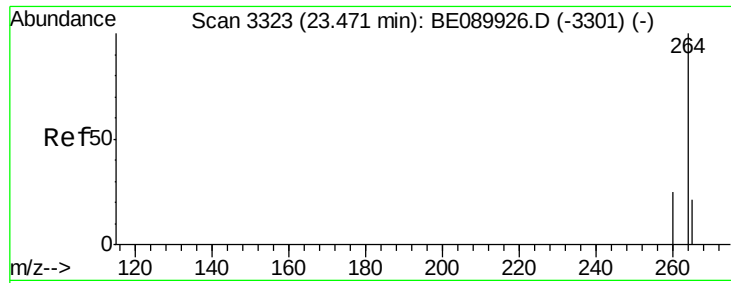
Lab File: BE089977.D

Acq: 27 Jun 2015 15:19



Tgt Ion:	276	Resp:	13618
Ion Ratio	Lower	Upper	
276	100		
138	22.8	0.0	0.0#
277	23.4	0.0	0.0#





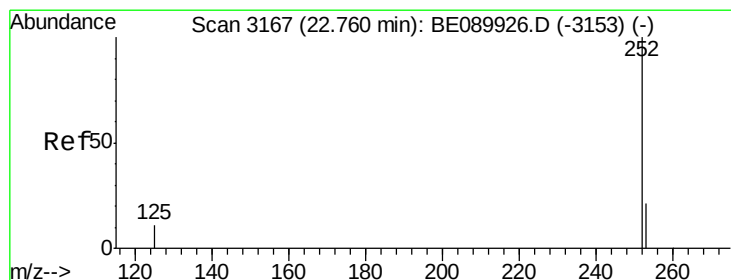
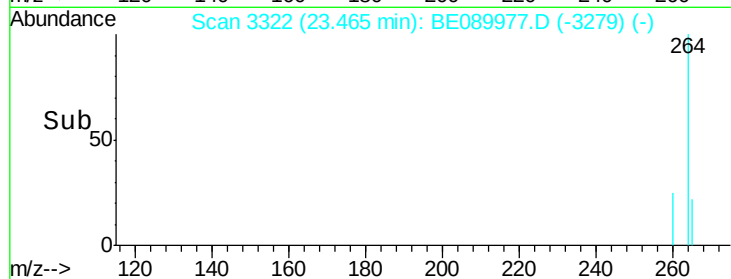
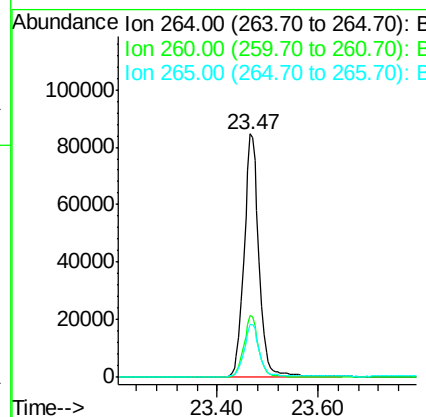
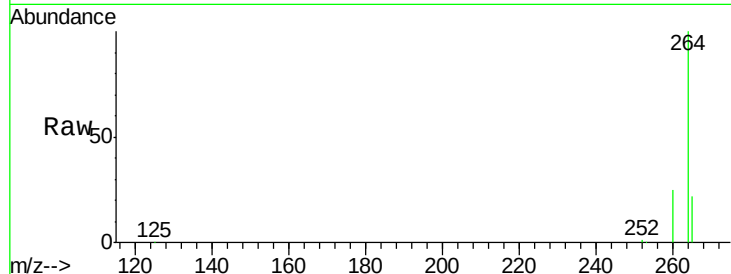
#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.47 min Scan# 3322
 Delta R.T. -0.01 min
 Lab File: BE089977.D
 Acq: 27 Jun 2015 15:19

Instrument :
 BNA_E
 ClientSampleId :
 X1SS0620006-150624

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	175887		
260	25.3	19.8	29.6	
265	22.0	17.3	25.9	

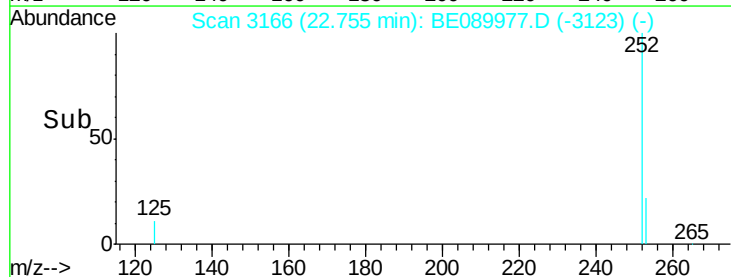
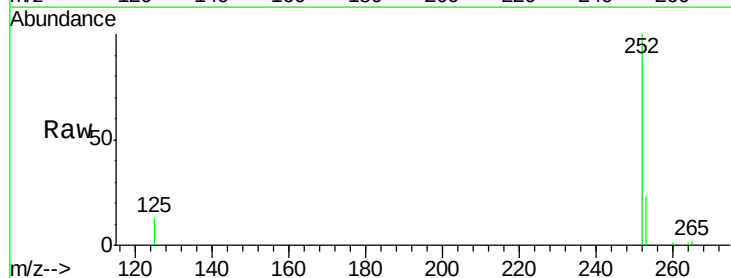
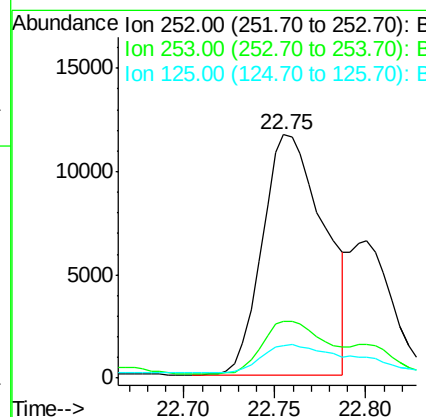
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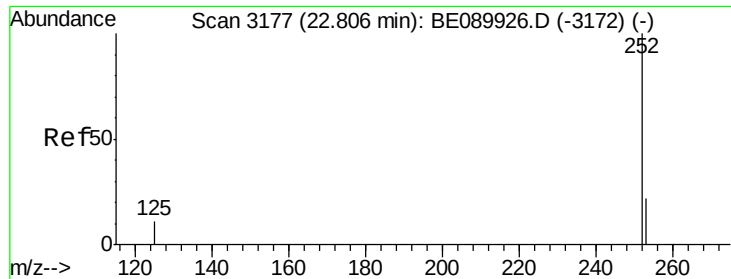
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#33
 Benzo(b)fluoranthene
 Concen: 0.74 ng
 RT: 22.75 min Scan# 3166
 Delta R.T. -0.01 min
 Lab File: BE089977.D
 Acq: 27 Jun 2015 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	27392		
253	23.4	17.3	25.9	
125	13.4	9.3	13.9	





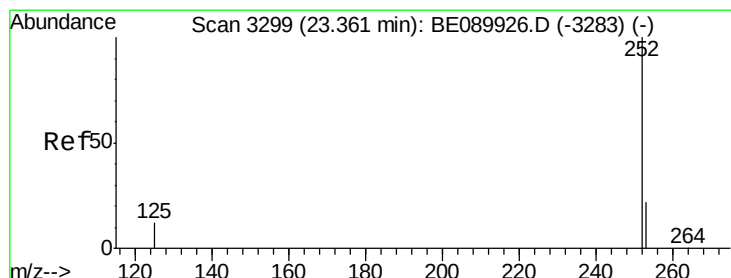
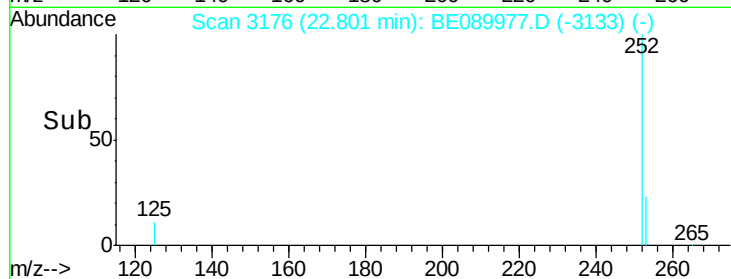
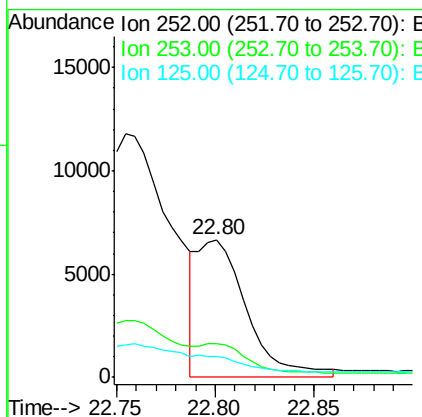
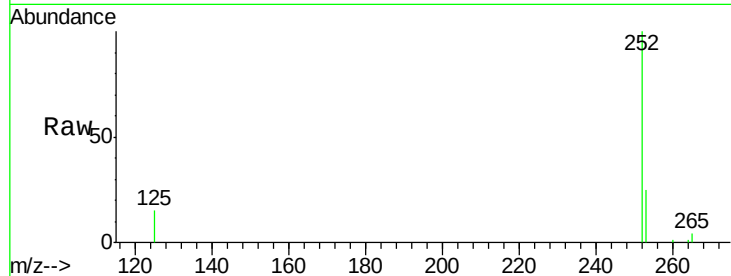
#34
Benzo(k)fluoranthene
Concen: 0.28 ng m
RT: 22.80 min Scan# 3176
Delta R.T. -0.01 min
Lab File: BE089977.D
Acq: 27 Jun 2015 15:19

Instrument :
BNA_E
ClientSampleId :
X1SS0620006-150624

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.9	26.9
125	14.9	9.2	13.8

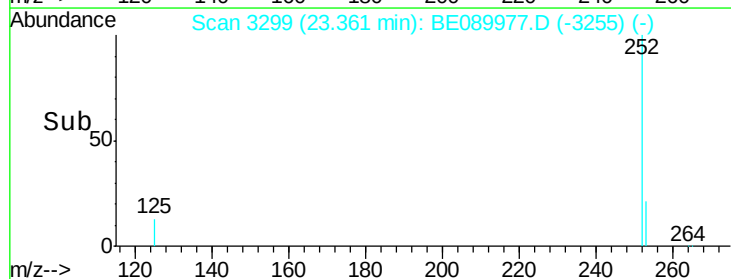
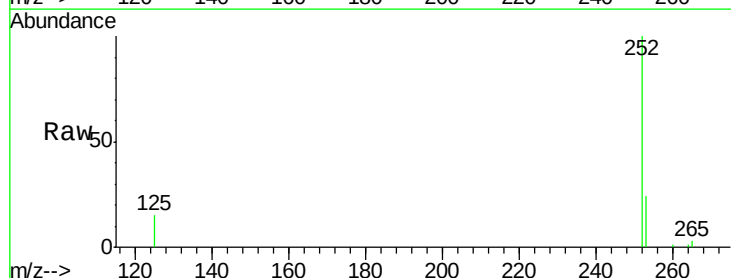
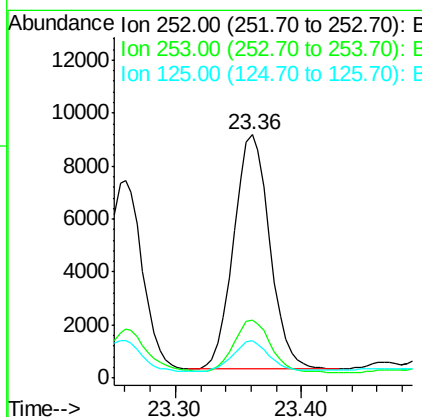
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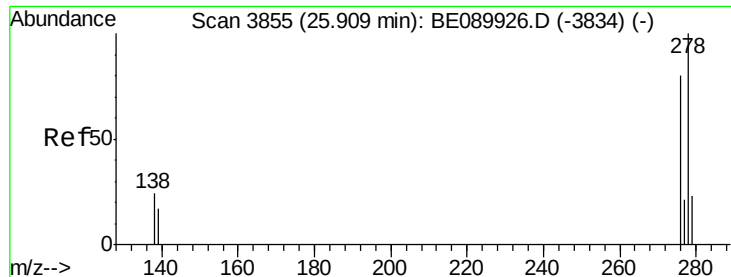
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#35
Benzo(a)pyrene
Concen: 0.54 ng
RT: 23.36 min Scan# 3299
Delta R.T. -0.00 min
Lab File: BE089977.D
Acq: 27 Jun 2015 15:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.6
125	15.3	10.3	15.5





#36

Dibenzo(a,h)anthracene

Concen: 0.11 ng

RT: 25.90 min Scan# 3852

Delta R.T. -0.01 min

Lab File: BE089977.D

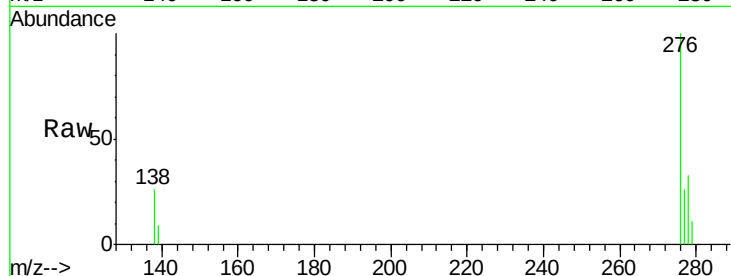
Acq: 27 Jun 2015 15:19

Instrument :

BNA_E

ClientSampleId :

X1SS0620006-150624



Tgt Ion: 278 Resp: 3299

Ion Ratio Lower Upper

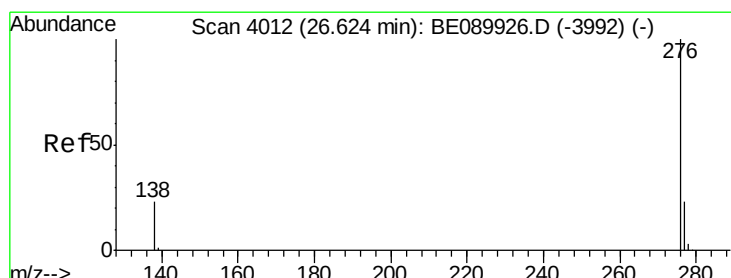
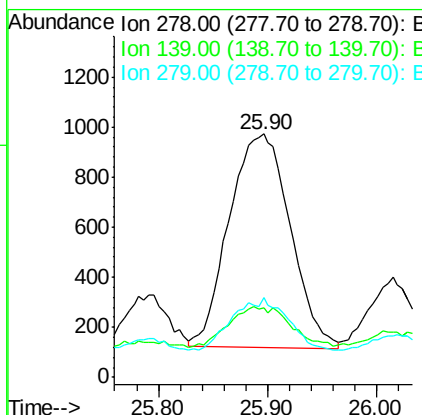
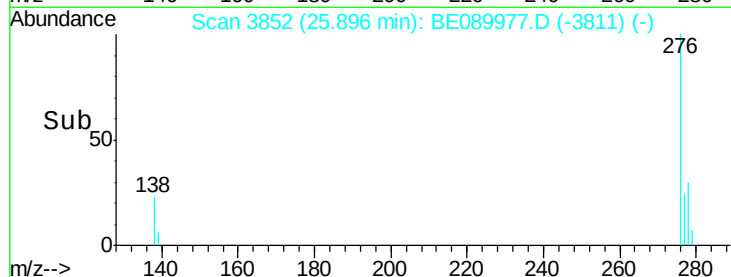
278 100

139 28.5 14.1 21.1#

279 32.7 19.0 28.6#

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#37

Benzo(g,h,i)perylene

Concen: 0.44 ng

RT: 26.63 min Scan# 4012

Delta R.T. 0.00 min

Lab File: BE089977.D

Acq: 27 Jun 2015 15:19

Tgt Ion: 276 Resp: 14725

Ion Ratio Lower Upper

276 100

277 24.3 19.0 28.4

138 25.3 18.8 28.2

