

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020315\
 Data File : BE089469.D
 Acq On : 3 Feb 2015 18:16
 Operator : TP/IZ
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 LabSampleId :
 SSTDICC0.8

Manual Integrations
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 2/4/2015 2:55:01 PM

Quant Time: Feb 04 00:39:56 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-BE020315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 04 00:22:17 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.53	152	61228	5.00	ng	0.00
7) Naphthalene-d8	12.43	136	241221	5.00	ng	0.00
13) Acenaphthene-d10	16.61	164	104243	5.00	ng	0.00
17) Phenanthrene-d10	19.93	188	199906	5.00	ng	0.00
20) Chrysene-d12	23.78	240	198959	5.00	ng	0.00
27) Perylene-d12	25.49	264	187095	5.00	ng	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	6.72	112	15187	0.74	ng	0.00
4) Phenol-d6	8.84	99	19311	0.80	ng	0.00
8) Nitrobenzene-d5	10.79	82	14009	0.80	ng	0.00
14) 2,4,6-Tribromophenol	18.51	330	2573	0.94	ng	0.00
15) 2-Fluorobiphenyl	15.06	172	21113	0.73	ng	0.00
22) Terphenyl-d14	22.43	244	21972	0.96	ng	0.00
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	3.57	42	8361	0.85	ng	# 64
5) Phenol	8.86	94	21011m	0.81	ng	
6) bis(2-Chloroethyl)ether	9.01	93	15191	0.81	ng	# 99
9) Nitrobenzene	10.83	77	16107	0.81	ng	100
10) 2,4-Dimethylphenol	11.77	122	11714	0.82	ng	98
11) 2,4-Dichlorophenol	12.15	162	8413	0.78	ng	98
12) Hexachlorobutadiene	12.81	225	5741	0.76	ng	99
16) 2,4-Dinitrophenol	16.84	184	251	0.40	ng	90
18) Hexachlorobenzene	19.17	284	7974	0.76	ng	99
19) Pentachlorophenol	19.60	266	798	0.65	ng	# 88
21) Benzidine	22.09	184	6851	0.48	ng	97
23) Benzo(a)anthracene	23.78	228	131926	0.82	ng	100
24) 3,3'-Dichlorobenzidine	23.76	252	10667	0.76	ng	98
25) Chrysene	23.82	228	147770	0.77	ng	99
26) Indeno(1,2,3-cd)pyrene	26.97	276	31785	0.56	ng	97
28) Benzo(b)fluoranthene	25.04	252	23003	0.90	ng	100
29) Benzo(k)fluoranthene	25.07	252	40997	0.87	ng	99
30) Benzo(a)pyrene	25.42	252	24206	0.85	ng	100
31) Dibenzo(a,h)anthracene	26.99	278	26545	0.77	ng	100

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

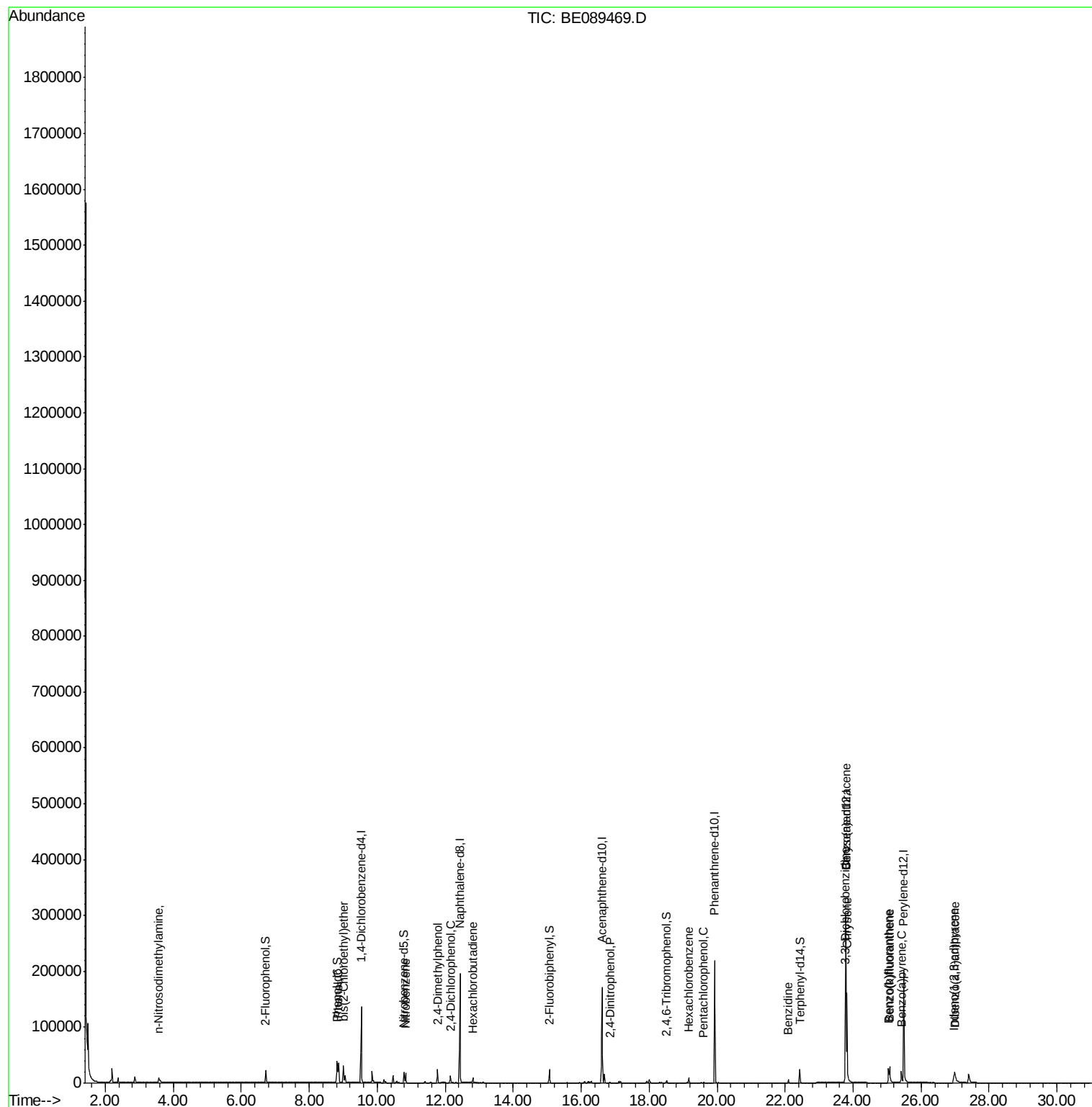
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020315\
Data File : BE089469.D
Acq On : 3 Feb 2015 18:16
Operator : TP/IZ
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

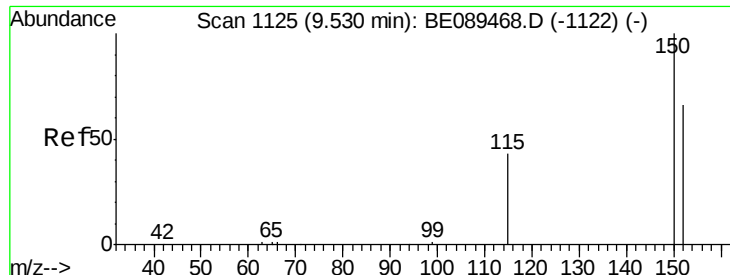
Instrument :
BNA_E
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SSTDICC0.8

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Quant Time: Feb 04 00:39:56 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 04 00:22:17 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 9.53 min Scan# 1126

Delta R.T. -0.00 min

Lab File: BE089469.D

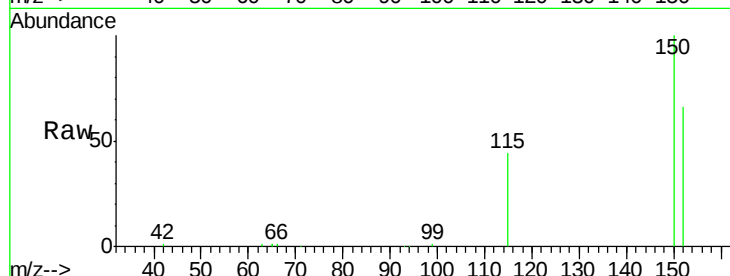
Acq: 3 Feb 2015 18:16

Instrument :

BNA_E

LabSampleId :

SSTDIC0.8



Tgt Ion: 152 Resp: 61228

Ion Ratio Lower Upper

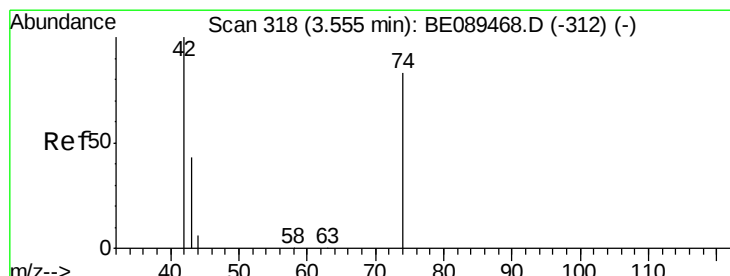
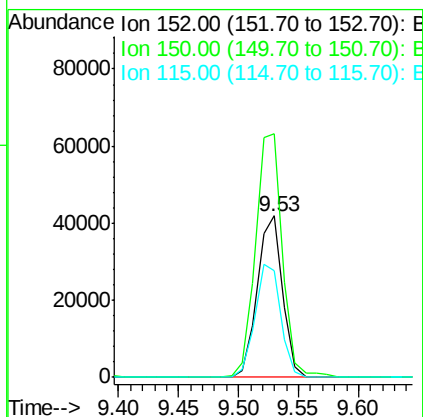
152 100

150 151.1 122.1 183.1

115 65.9 53.2 79.8

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#2

n-Nitrosodimethylamine

Concen: 0.85 ng

RT: 3.57 min Scan# 320

Delta R.T. 0.01 min

Lab File: BE089469.D

Acq: 3 Feb 2015 18:16

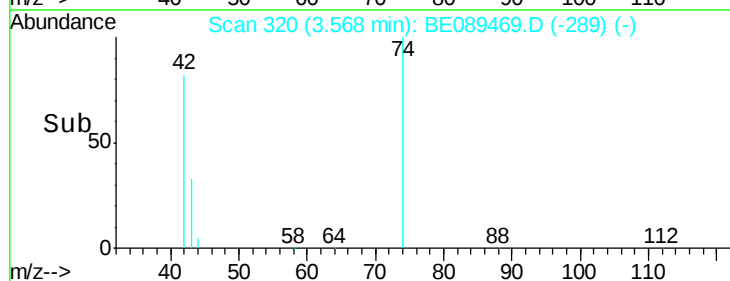
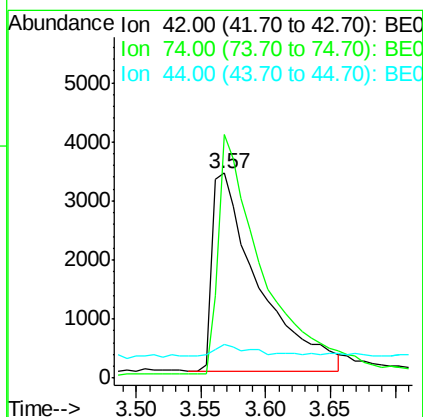
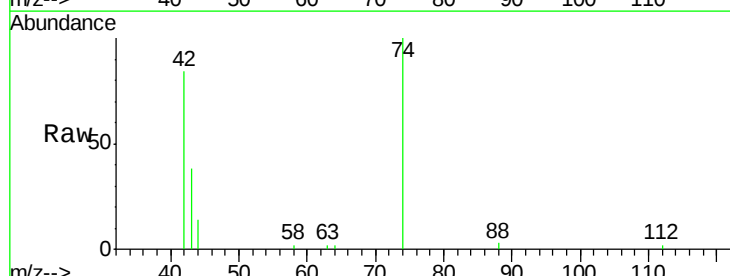
Tgt Ion: 42 Resp: 8361

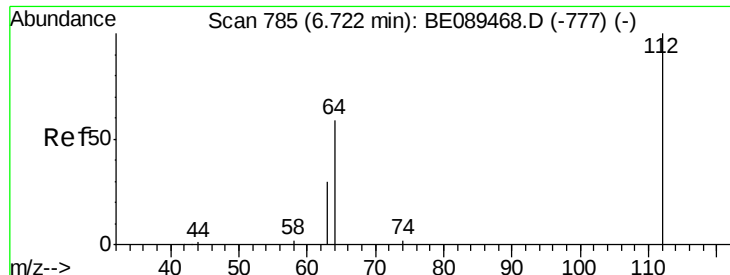
Ion Ratio Lower Upper

42 100

74 119.0 65.4 98.2#

44 16.2 11.7 17.5





#3

2-Fluorophenol

Concen: 0.74 ng

RT: 6.72 min Scan# 785

Delta R.T. -0.00 min

Lab File: BE089469.D

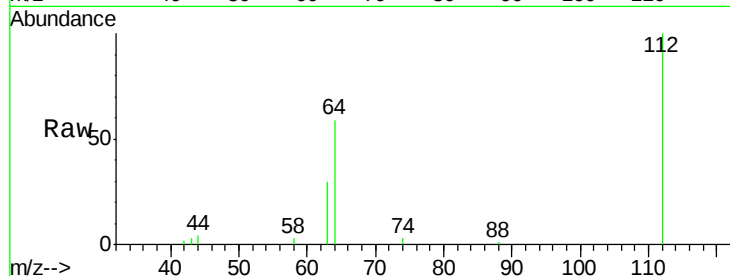
Acq: 3 Feb 2015 18:16

Instrument :

BNA_E

LabSampleId :

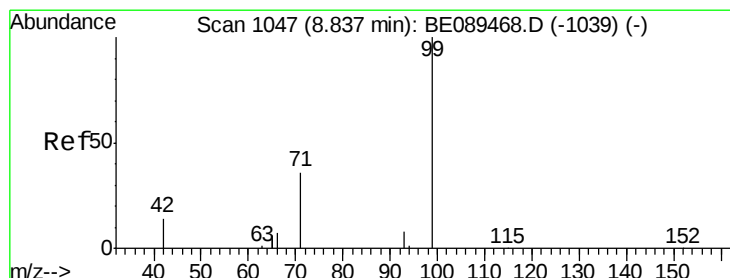
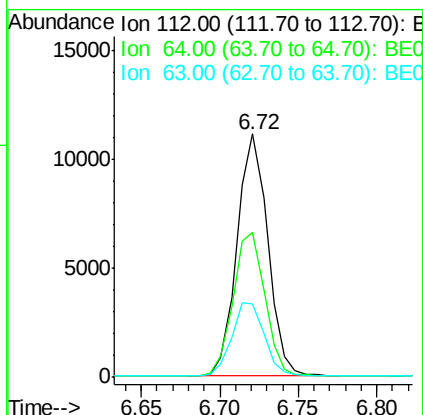
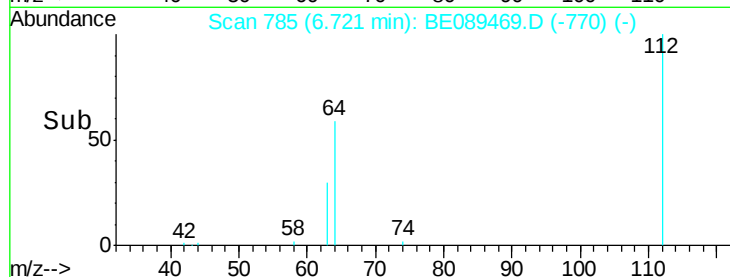
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Tgt Ion	Ratio	Resp	Lower	Upper
112	100	15187		
64	59.4	47.0	70.6	
63	30.2	24.2	36.2	

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#4

Phenol-d6

Concen: 0.80 ng

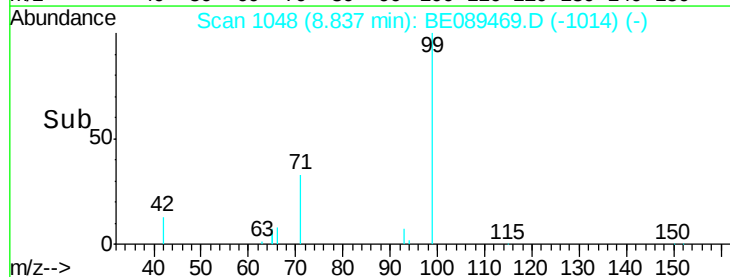
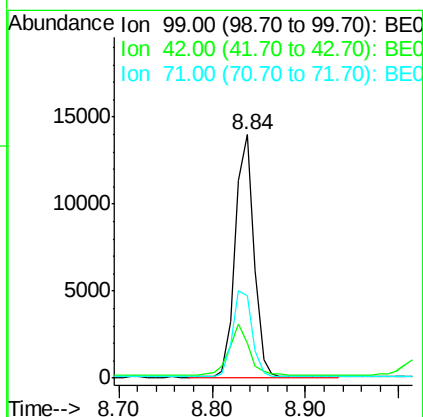
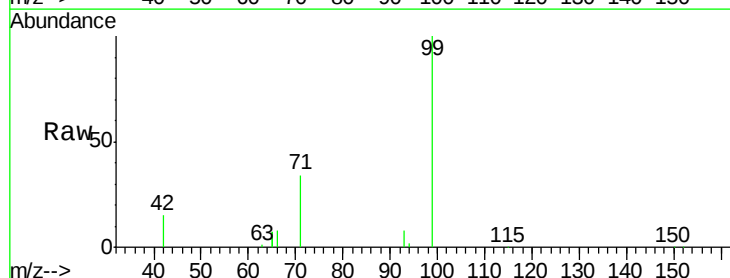
RT: 8.84 min Scan# 1048

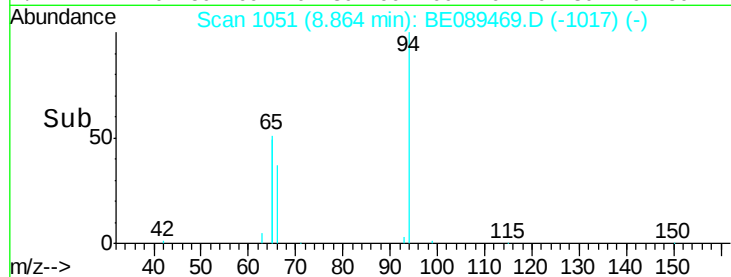
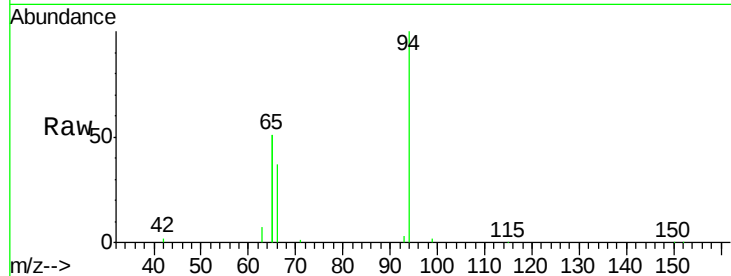
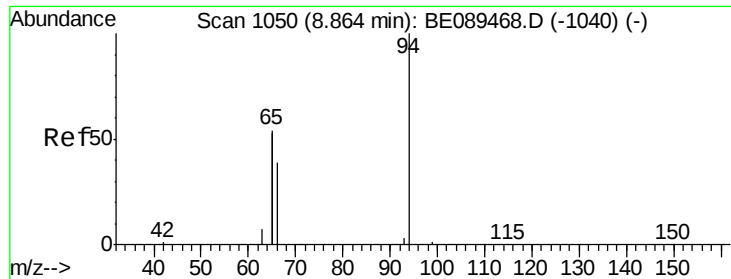
Delta R.T. -0.00 min

Lab File: BE089469.D

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Tgt Ion	Ratio	Resp	Lower	Upper
99	100	19311		
42	14.5	11.8	17.6	
71	33.8	28.7	43.1	





#5

Phenol

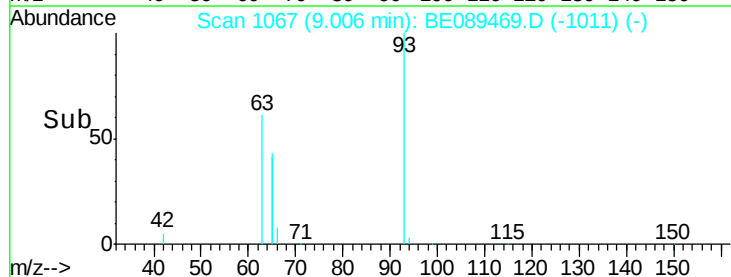
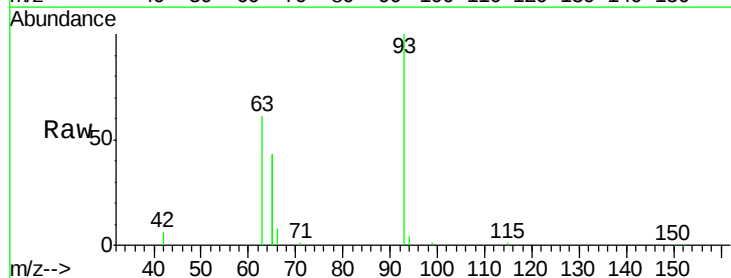
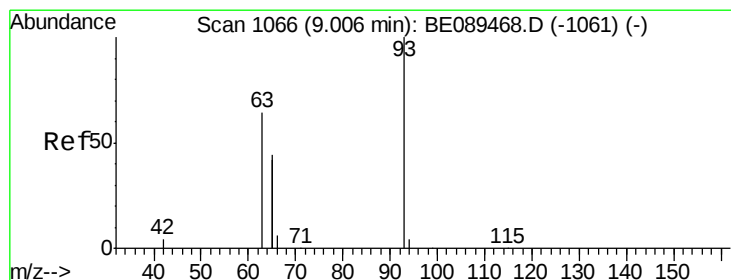
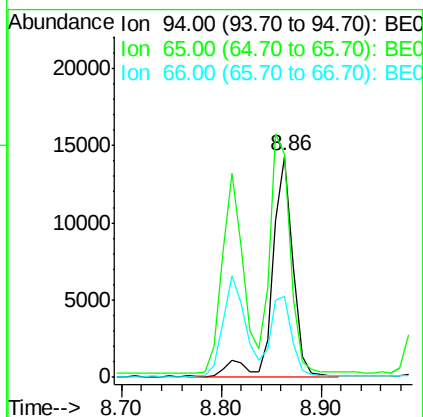
Concen: 0.81 ng m
RT: 8.86 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BE089469.D
Acq: 3 Feb 2015 18:16

Instrument :
BNA_E
LabSampleId :
SSTDIC0.8

Tgt Ion	Ratio	Lower	Upper
94	100		
65	50.7	33.9	73.9
66	37.0	19.1	59.1

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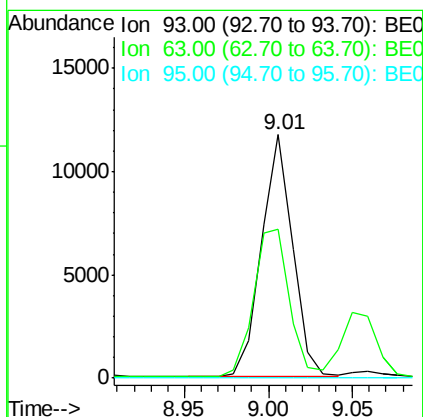


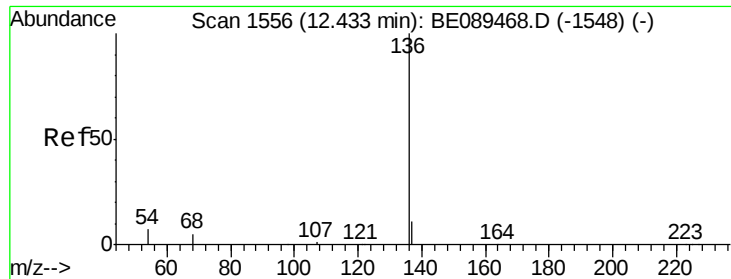
#6

bis(2-Chloroethyl)ether

Concen: 0.81 ng
RT: 9.01 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE089469.D
Acq: 3 Feb 2015 18:16

Tgt Ion	Ratio	Lower	Upper
93	100		
63	70.5	57.0	85.6
95	0.0	0.0	0.0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 12.43 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BE089469.D

Acq: 3 Feb 2015 18:16

Instrument :

BNA_E

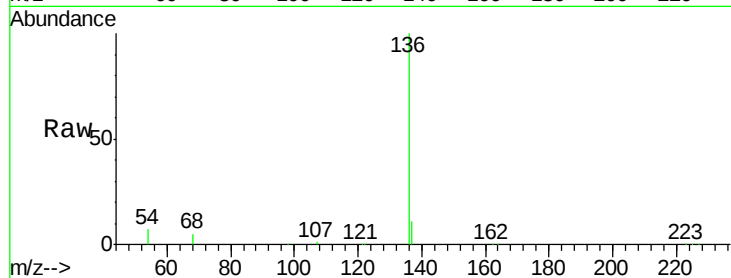
LabSampleId :

SSTDICC0.8

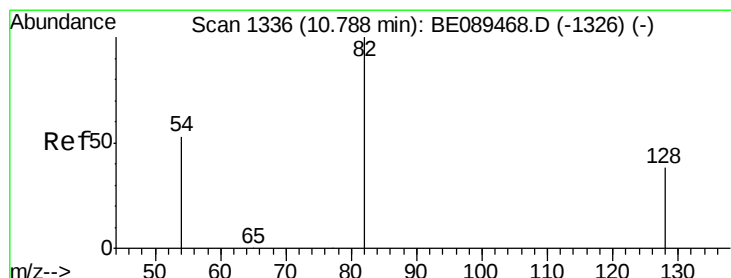
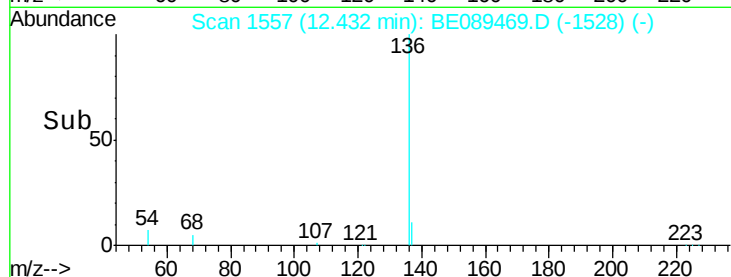
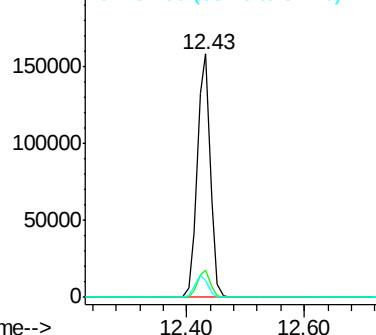
Tgt Ion:	136	Resp:	241221
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.6	13.0
54	6.9	5.4	8.0

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Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BE0



#8

Nitrobenzene-d5

Concen: 0.80 ng

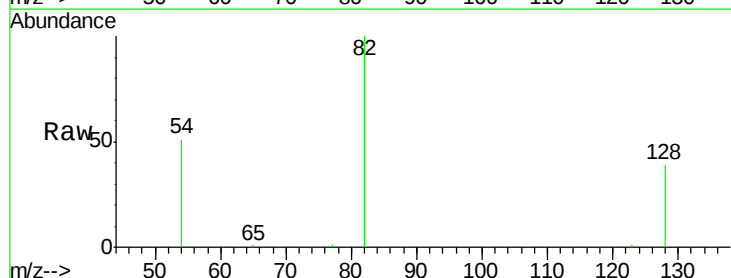
RT: 10.79 min Scan# 1337

Delta R.T. 0.00 min

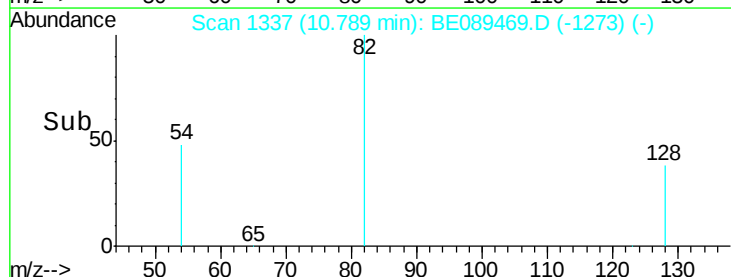
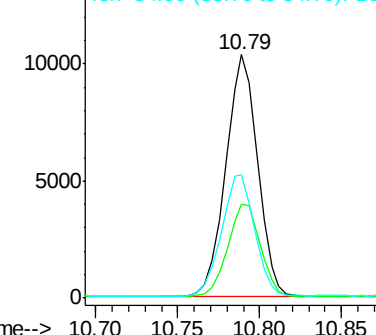
Lab File: BE089469.D

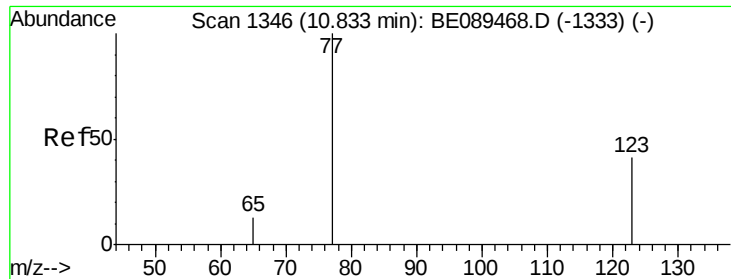
Acq: 3 Feb 2015 18:16

Tgt Ion:	82	Resp:	14009
Ion Ratio	Lower	Upper	
82	100		
128	38.6	30.3	45.5
54	50.7	43.1	64.7



Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 0.81 ng

RT: 10.83 min Scan# 1346

Delta R.T. -0.00 min

Lab File: BE089469.D

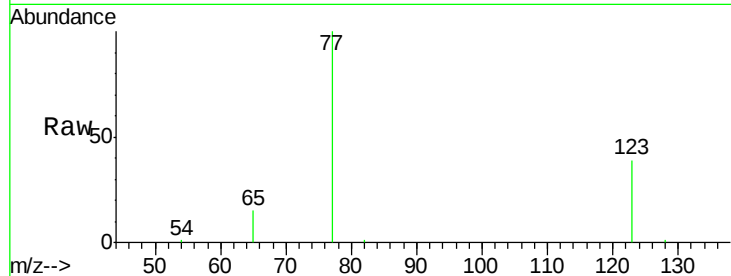
Acq: 3 Feb 2015 18:16

Instrument :

BNA_E

LabSampleId :

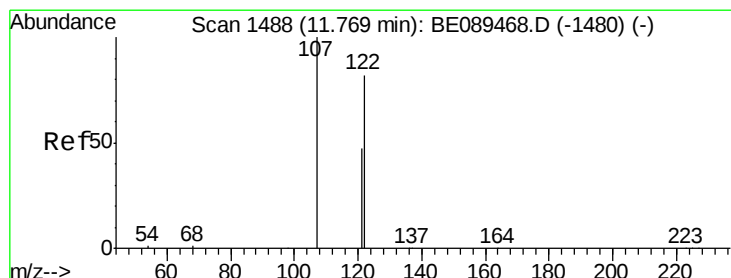
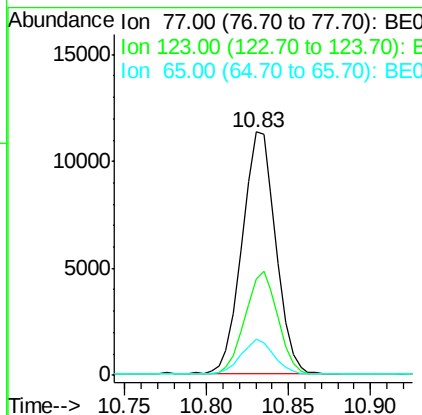
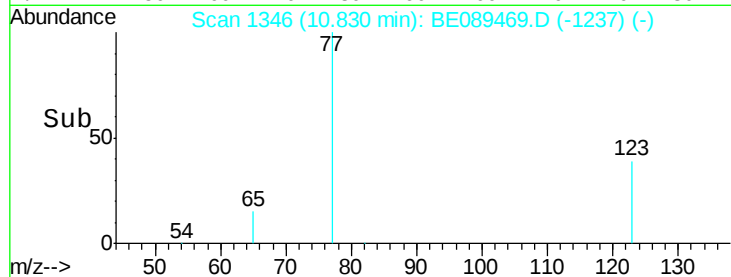
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Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.5	33.4	50.0
65	13.6	10.9	16.3

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#10

2,4-Dimethylphenol

Concen: 0.82 ng

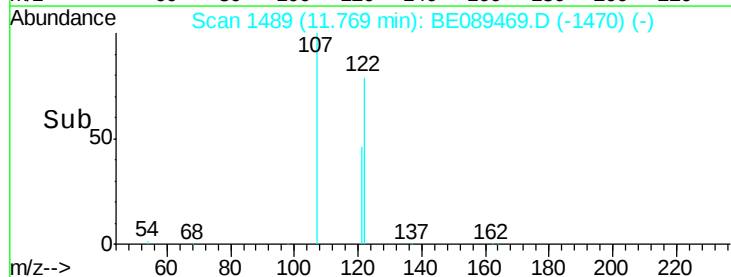
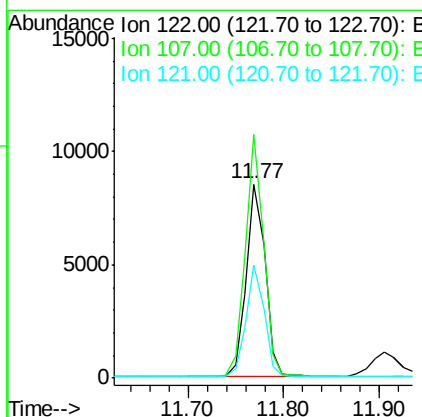
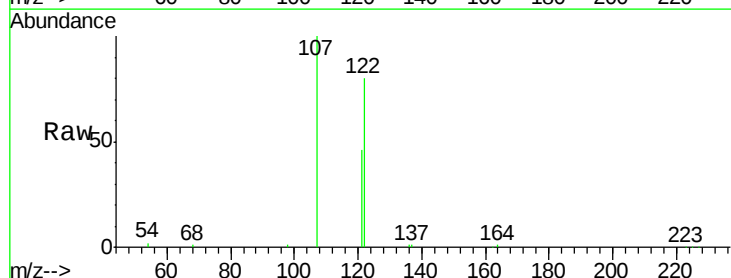
RT: 11.77 min Scan# 1489

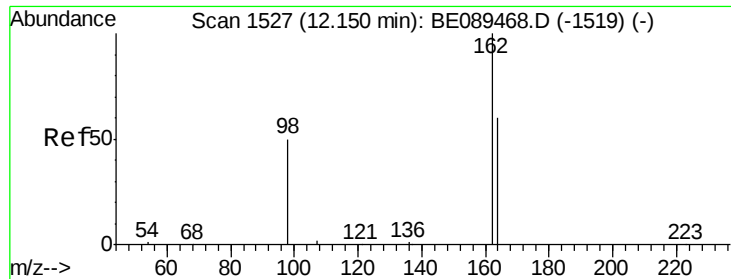
Delta R.T. -0.00 min

Lab File: BE089469.D

Acq: 3 Feb 2015 18:16

Tgt Ion	Ratio	Lower	Upper
122	100		
107	125.4	97.3	145.9
121	58.3	46.4	69.6





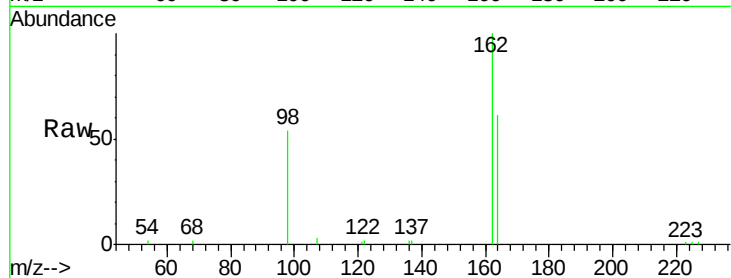
#11
2,4-Dichlorophenol
Concen: 0.78 ng
RT: 12.15 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BE089469.D
Acq: 3 Feb 2015 18:16

Instrument :
BNA_E
LabSampleId :
SSTDIC0.8

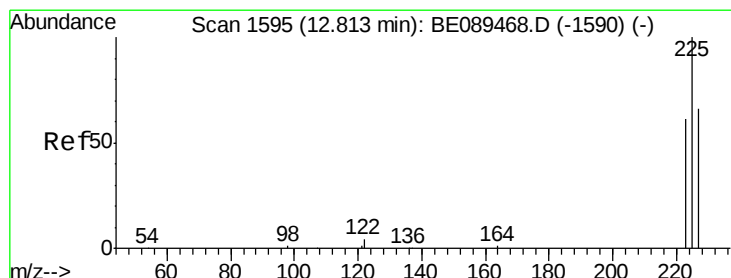
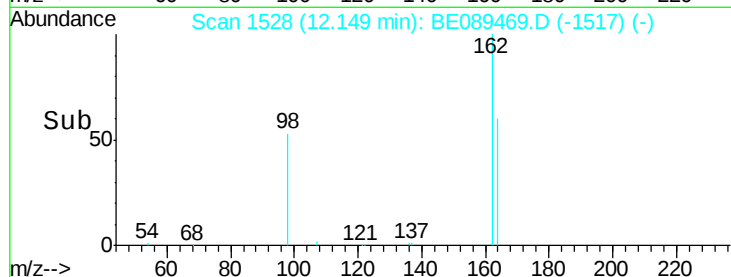
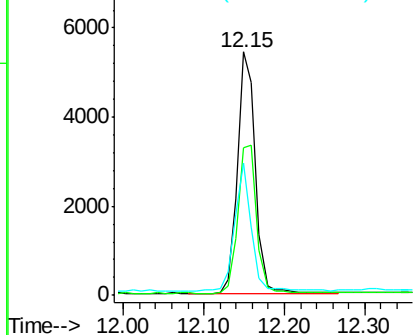
Tgt Ion	Ratio	Lower	Upper
162	100		
164	60.7	39.9	79.9
98	54.2	31.3	71.3

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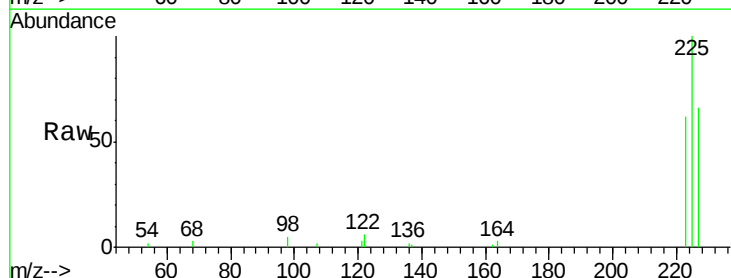


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): E

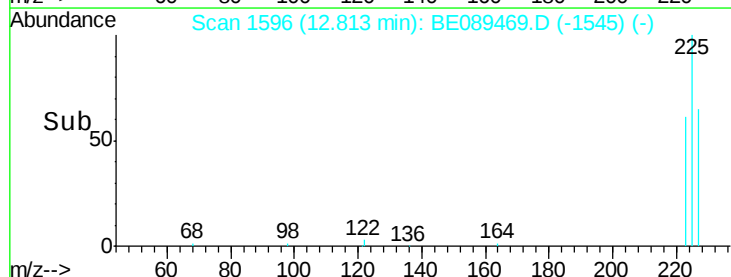
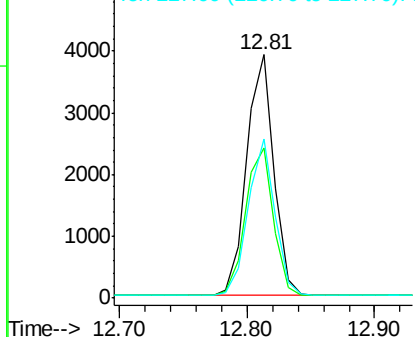


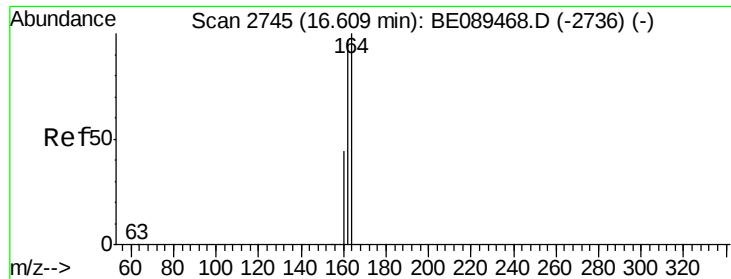
#12
Hexachlorobutadiene
Concen: 0.76 ng
RT: 12.81 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BE089469.D
Acq: 3 Feb 2015 18:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.4	74.0
227	63.5	51.2	76.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 16.61 min Scan# 2746

Delta R.T. -0.00 min

Lab File: BE089469.D

Acq: 3 Feb 2015 18:16

Instrument :

BNA_E

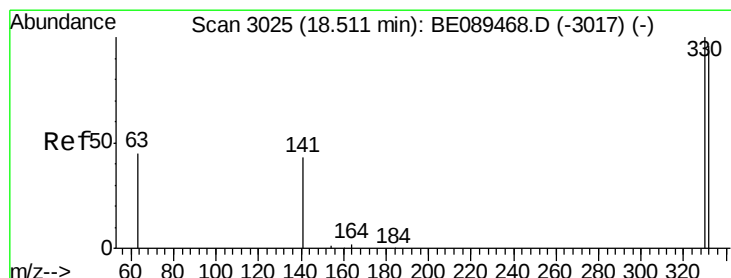
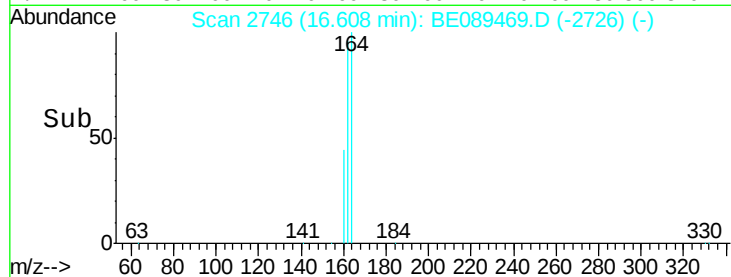
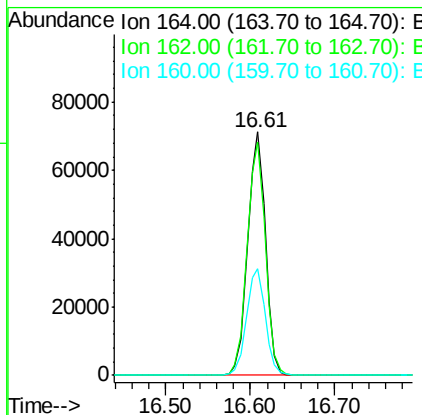
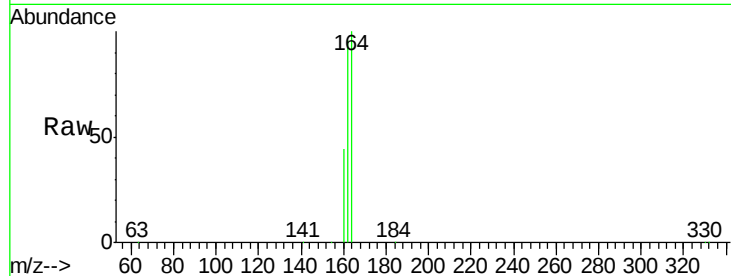
LabSampleId :

SSTDIC0.8

Tgt Ion:	164	Resp:	104243
Ion Ratio	Lower	Upper	
164	100		
162	95.6	77.6	116.4
160	43.8	35.6	53.4

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#14

2,4,6-Tribromophenol

Concen: 0.94 ng

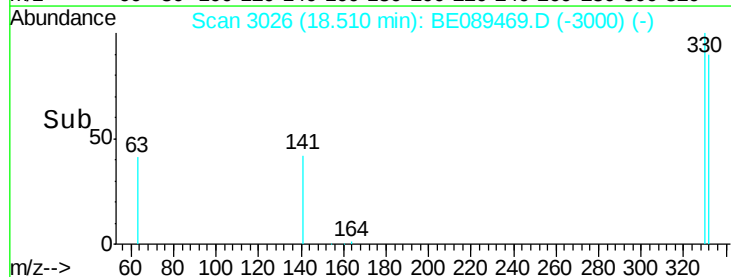
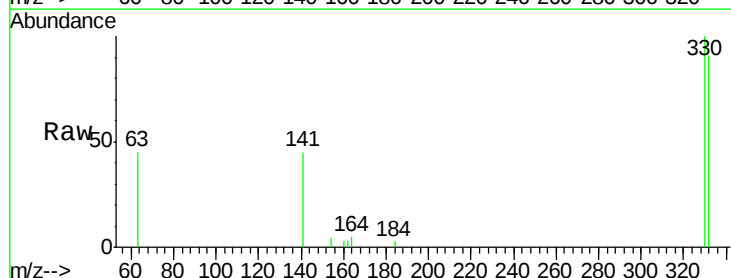
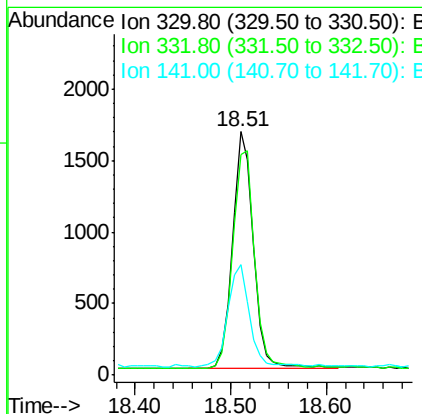
RT: 18.51 min Scan# 3026

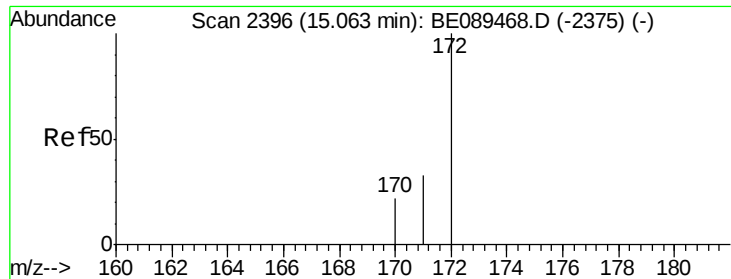
Delta R.T. -0.00 min

Lab File: BE089469.D

Acq: 3 Feb 2015 18:16

Tgt Ion:	330	Resp:	2573
Ion Ratio	Lower	Upper	
330	100		
332	96.0	78.0	117.0
141	43.3	33.8	50.6





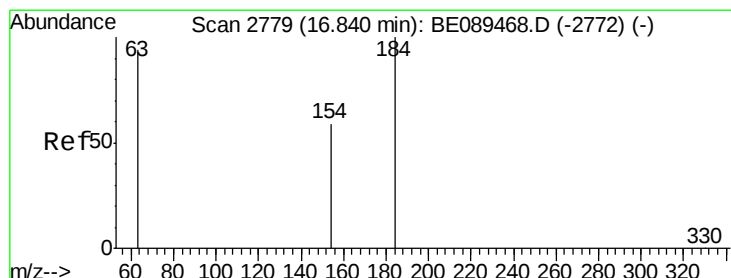
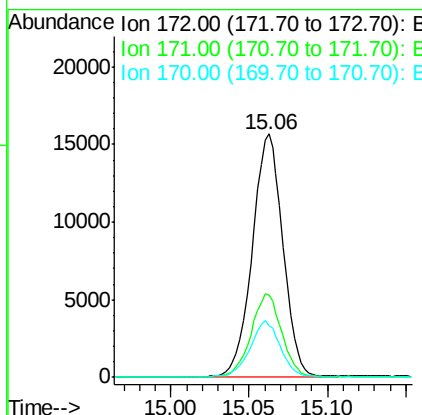
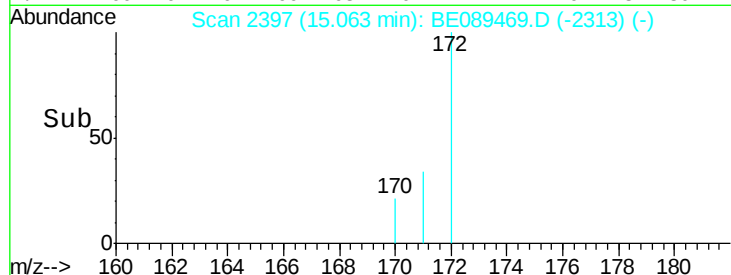
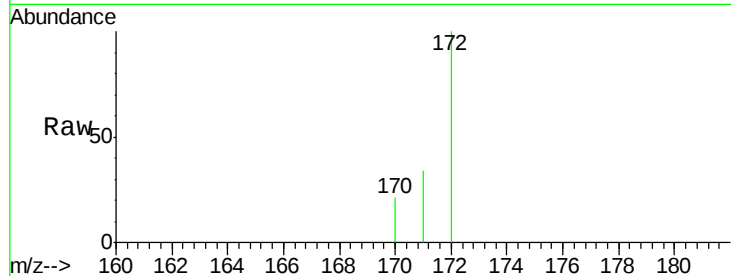
#15
2-Fluorobiphenyl
Concen: 0.73 ng
RT: 15.06 min Scan# 2397
Delta R.T. -0.00 min
Lab File: BE089469.D
Acq: 3 Feb 2015 18:16

Instrument :
BNA_E
LabSampleId :
SSTDIC0.8

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.0	26.8	40.2
170	21.3	17.7	26.5

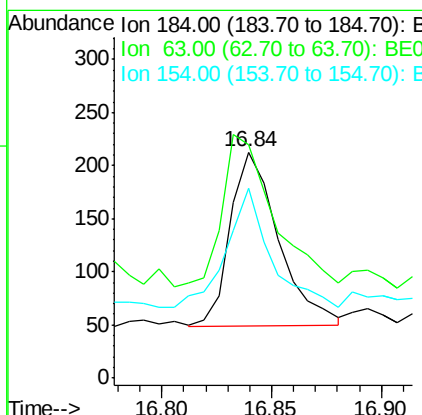
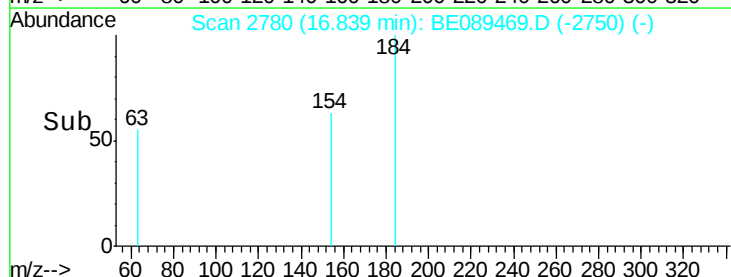
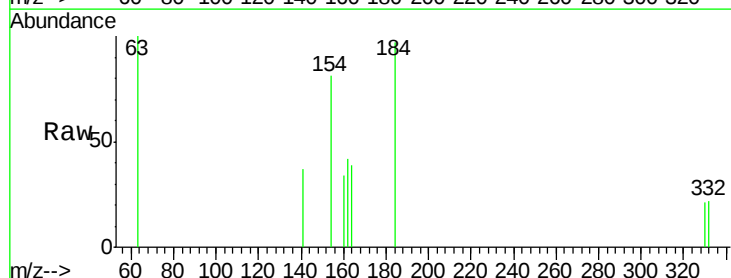
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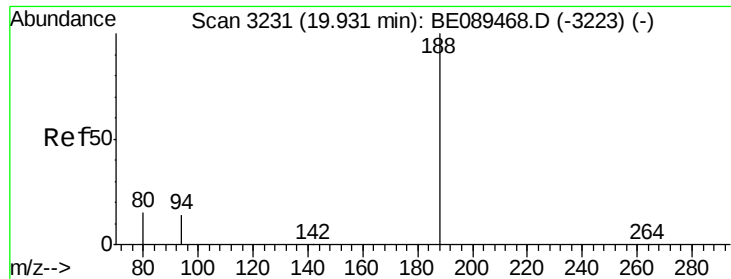
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#16
2,4-Dinitrophenol
Concen: 0.40 ng
RT: 16.84 min Scan# 2780
Delta R.T. -0.00 min
Lab File: BE089469.D
Acq: 3 Feb 2015 18:16

Tgt Ion	Ratio	Lower	Upper
184	100		
63	103.3	92.1	138.1
154	84.0	61.4	92.2





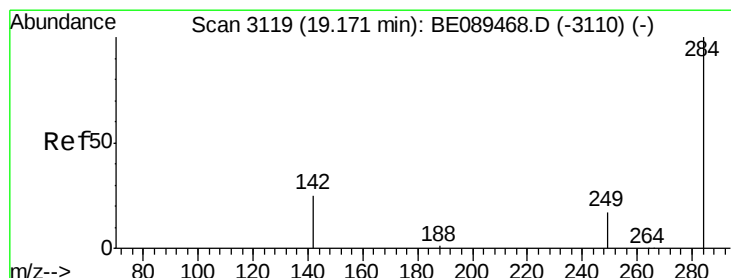
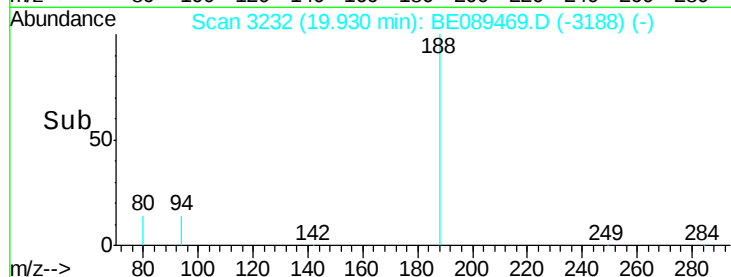
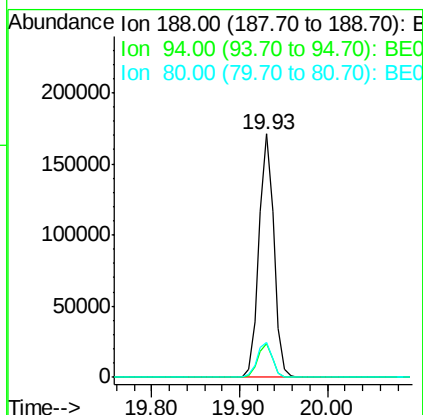
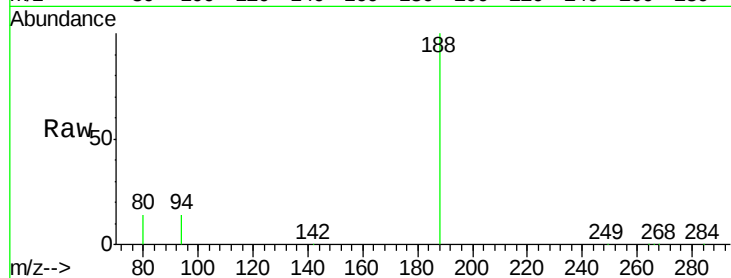
#17
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.93 min Scan# 3232
Delta R.T. -0.00 min
Lab File: BE089469.D
Acq: 3 Feb 2015 18:16

Instrument :
BNA_E
LabSampleId :
SSTDIC0.8

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	13.7	11.1	16.7
80	14.5	11.8	17.6

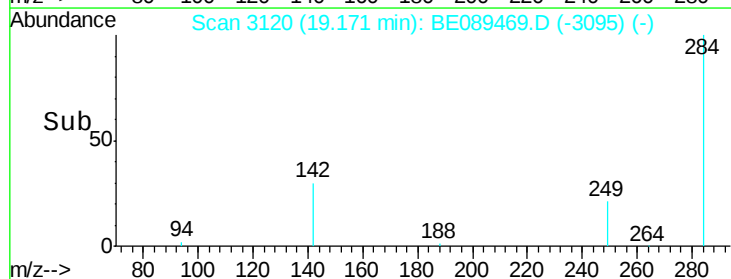
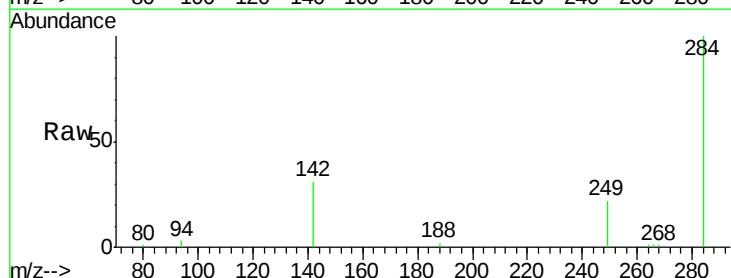
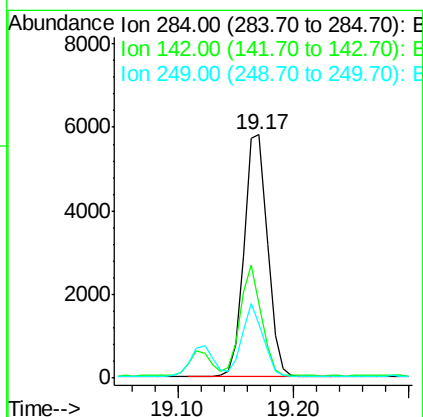
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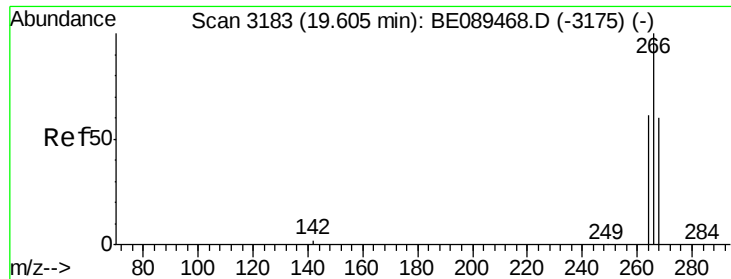
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#18
Hexachlorobenzene
Concen: 0.76 ng
RT: 19.17 min Scan# 3120
Delta R.T. -0.00 min
Lab File: BE089469.D
Acq: 3 Feb 2015 18:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	30.5	24.4	36.6
249	22.1	18.2	27.2





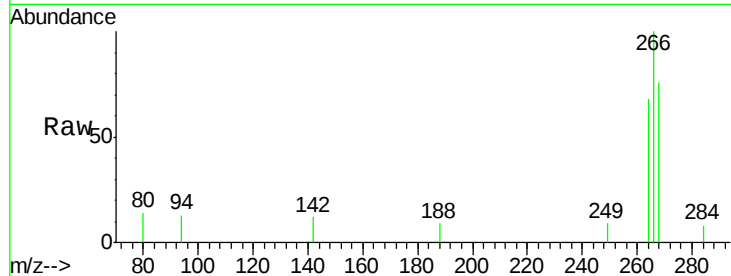
#19
 Pentachlorophenol
 Concen: 0.65 ng
 RT: 19.60 min Scan# 3184
 Delta R.T. -0.00 min
 Lab File: BE089469.D
 Acq: 3 Feb 2015 18:16

Instrument :
 BNA_E
 LabSampleId :
 SSTDICC0.8

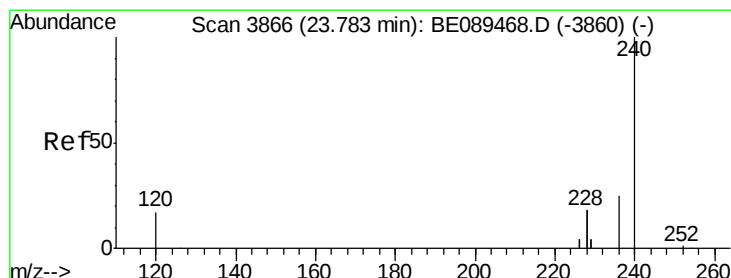
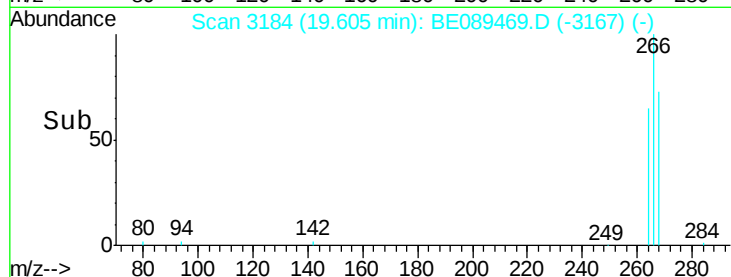
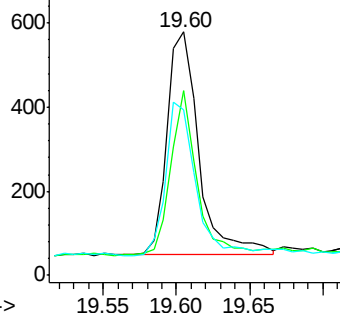
Tgt Ion	Ratio	Lower	Upper
266	100		
268	76.2	50.0	75.0#
264	67.9	50.6	75.8

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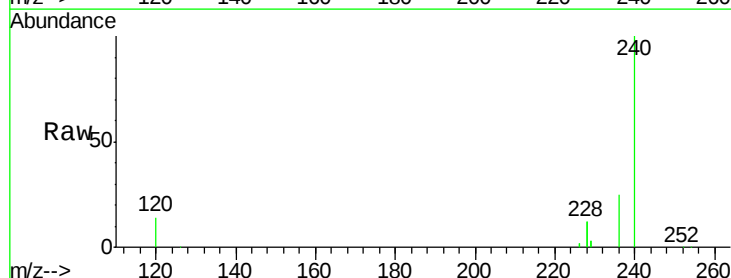


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

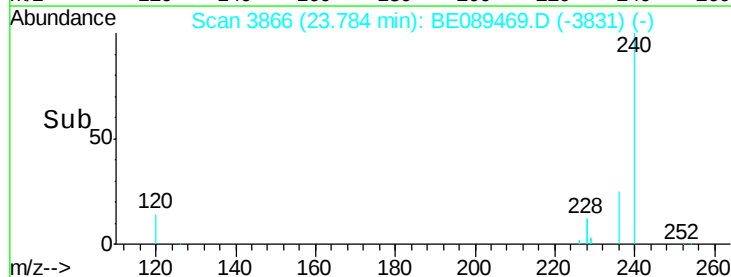
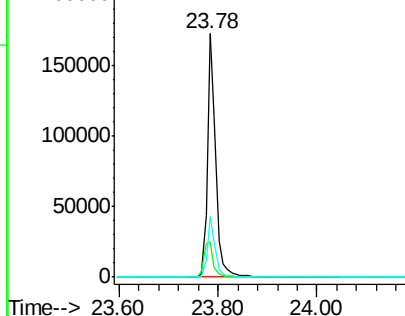


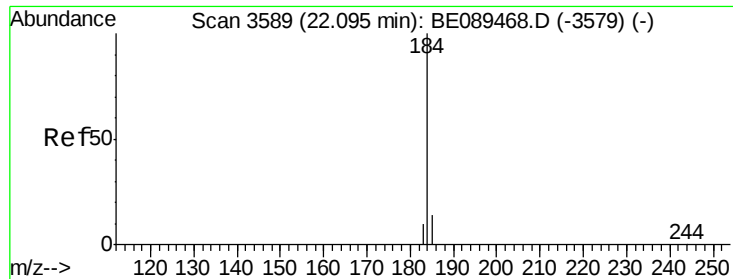
#20
 Chrysene-d12
 Concen: 5.00 ng
 RT: 23.78 min Scan# 3866
 Delta R.T. 0.00 min
 Lab File: BE089469.D
 Acq: 3 Feb 2015 18:16

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.3	13.8	20.6
236	24.8	20.2	30.2



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#21

Benzidine

Concen: 0.48 ng

RT: 22.09 min Scan# 3589

Delta R.T. -0.00 min

Lab File: BE089469.D

Acq: 3 Feb 2015 18:16

Instrument :

BNA_E

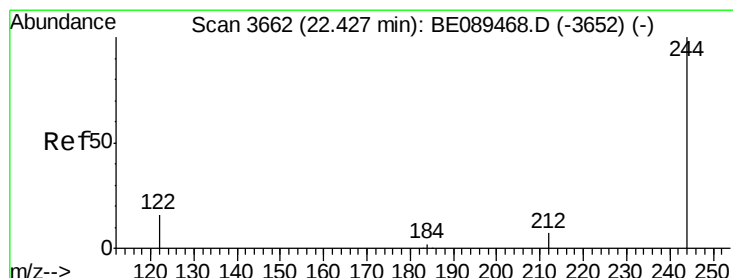
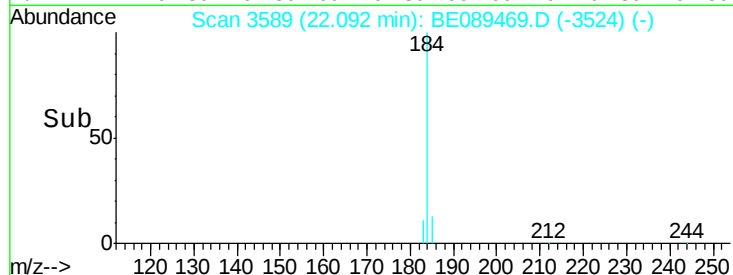
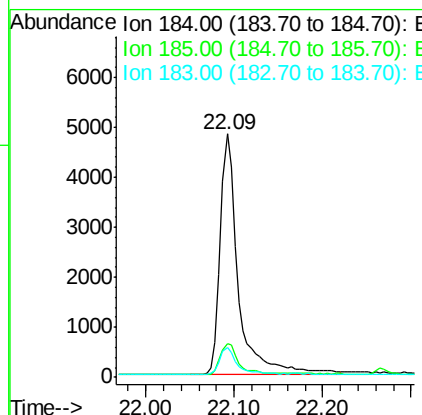
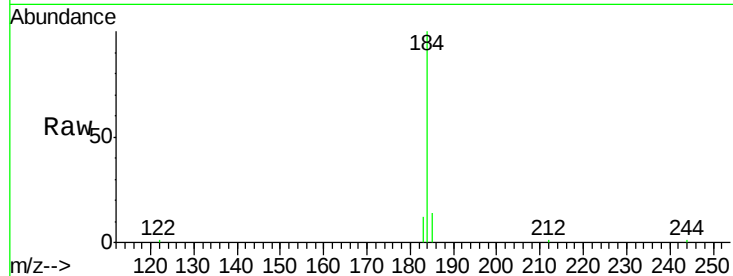
LabSampleId :

SSTDICC0.8

Tgt Ion:	184	Resp:	6851
Ion Ratio	Lower	Upper	
184	100		
185	13.9	12.0	18.0
183	12.3	9.0	13.4

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#22

Terphenyl-d14

Concen: 0.96 ng

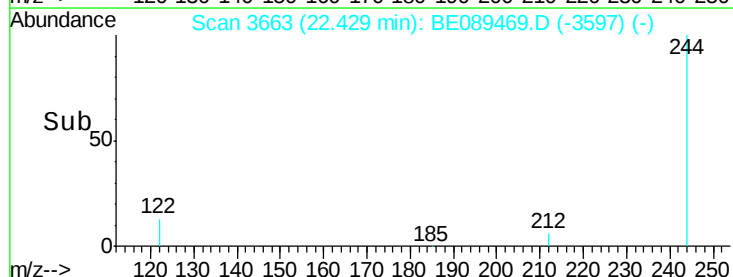
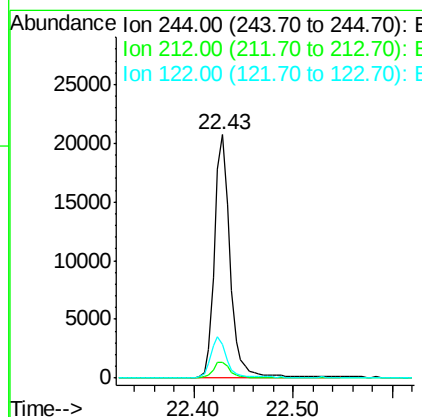
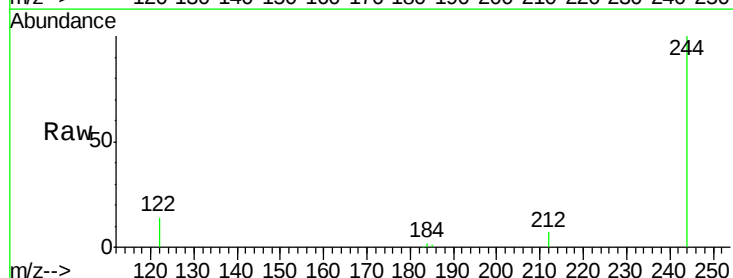
RT: 22.43 min Scan# 3663

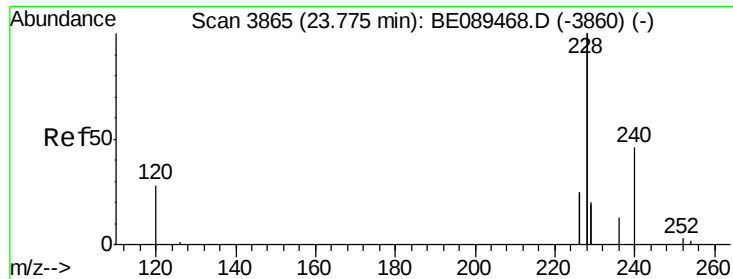
Delta R.T. 0.00 min

Lab File: BE089469.D

Acq: 3 Feb 2015 18:16

Tgt Ion:	244	Resp:	21972
Ion Ratio	Lower	Upper	
244	100		
212	6.5	5.5	8.3
122	13.6	12.6	19.0





#23

Benzo(a)anthracene

Concen: 0.82 ng

RT: 23.78 min Scan# 3865

Delta R.T. 0.00 min

Lab File: BE089469.D

Acq: 3 Feb 2015 18:16

Instrument :

BNA_E

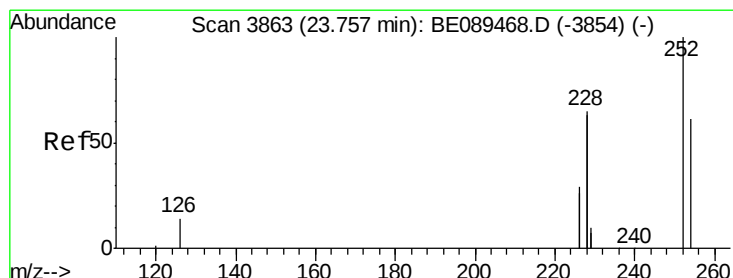
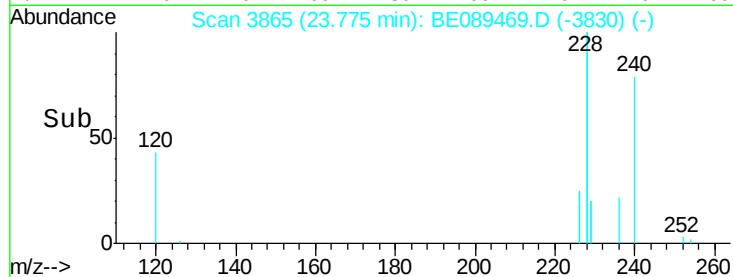
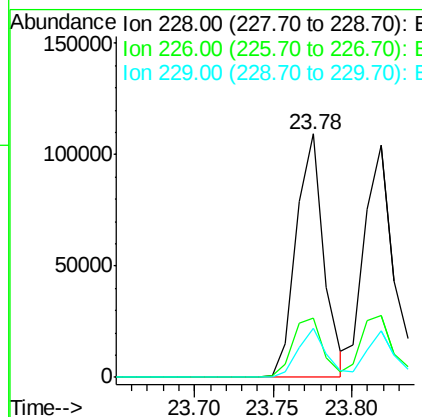
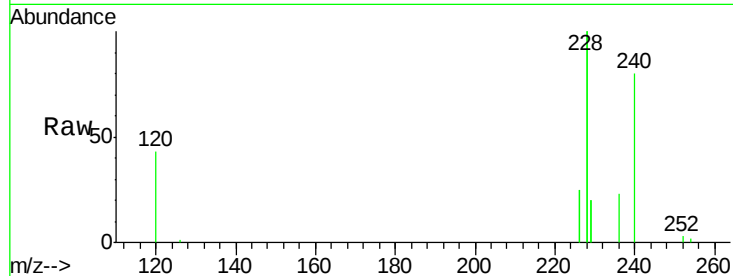
LabSampleId :

SSTDICC0.8

Tgt Ion:	228	Resp:	131926
Ion Ratio		Lower	Upper
228	100		
226	24.5	19.6	29.4
229	20.3	15.9	23.9

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#24

3,3'-Dichlorobenzidine

Concen: 0.76 ng

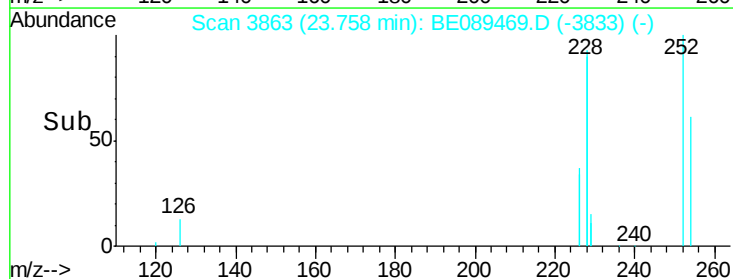
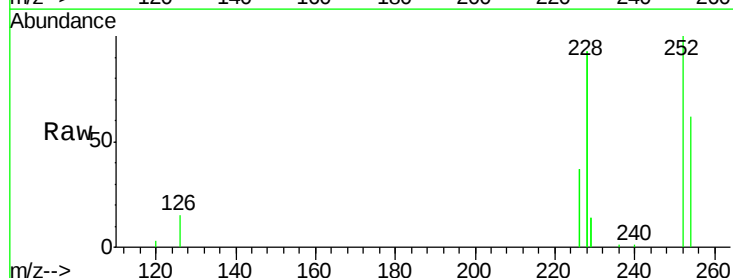
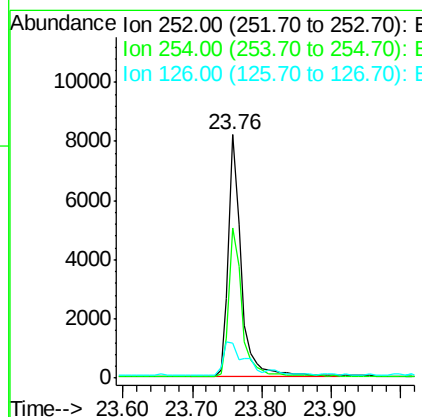
RT: 23.76 min Scan# 3863

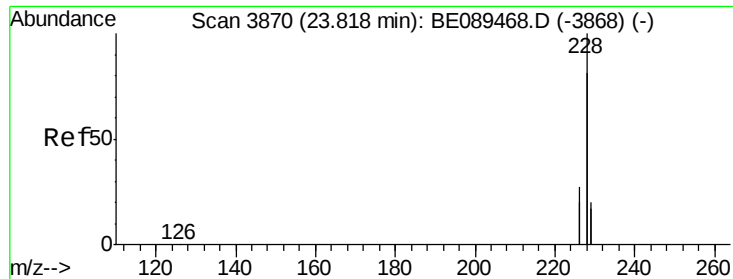
Delta R.T. 0.00 min

Lab File: BE089469.D

Acq: 3 Feb 2015 18:16

Tgt Ion:	252	Resp:	10667
Ion Ratio		Lower	Upper
252	100		
254	61.8	48.6	73.0
126	14.6	12.4	18.6





#25

Chrysene

Concen: 0.77 ng

RT: 23.82 min Scan# 3870

Delta R.T. 0.00 min

Lab File: BE089469.D

Acq: 3 Feb 2015 18:16

Instrument :

BNA_E

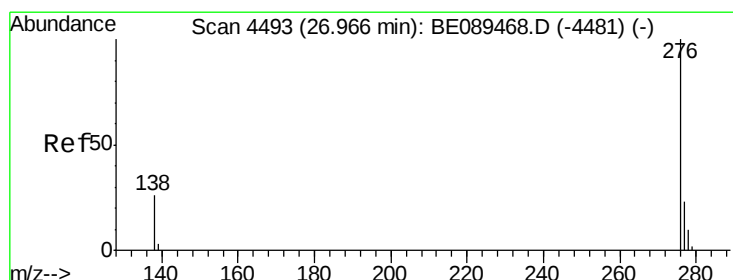
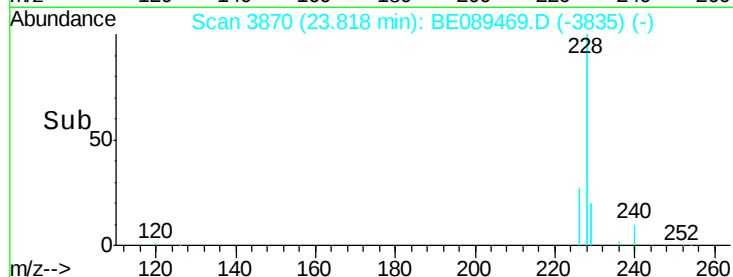
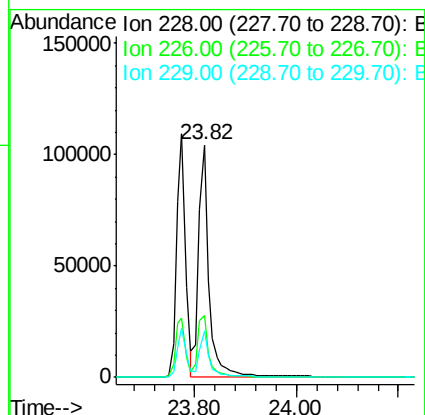
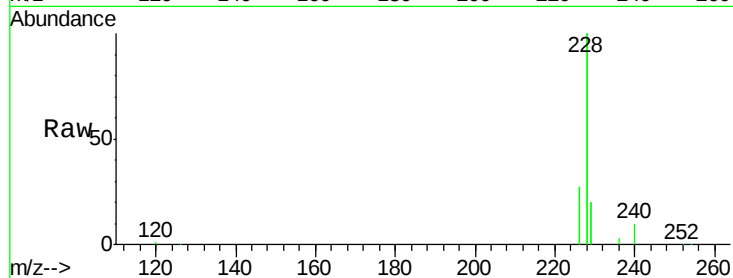
LabSampleId :

SSTDIC0.8

Tgt Ion:	228	Resp:	147770
Ion Ratio	Lower	Upper	
228	100		
226	26.7	21.8	32.8
229	20.2	16.2	24.2

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#26

Indeno(1,2,3-cd)pyrene

Concen: 0.56 ng

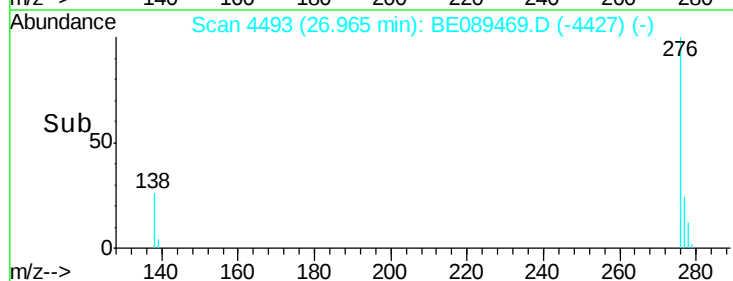
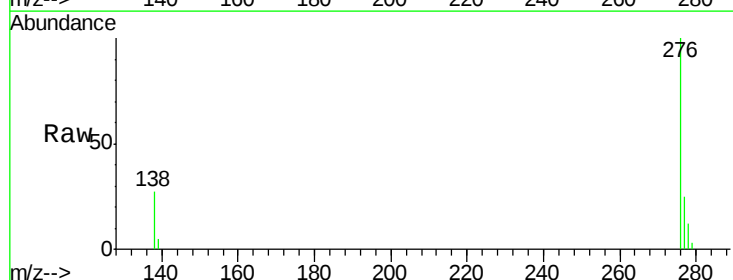
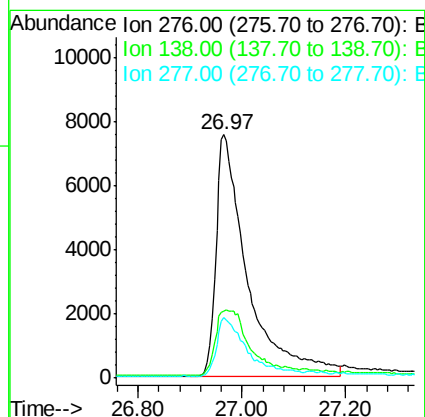
RT: 26.97 min Scan# 4493

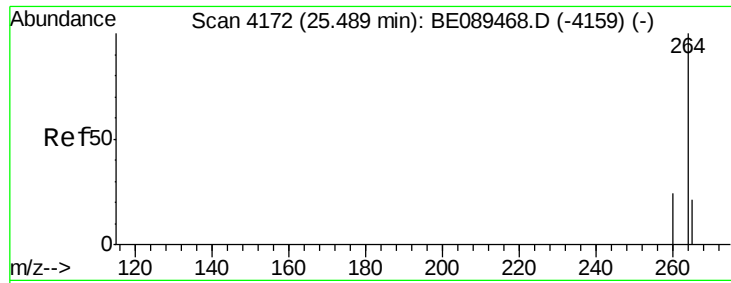
Delta R.T. -0.00 min

Lab File: BE089469.D

Acq: 3 Feb 2015 18:16

Tgt Ion:	276	Resp:	31785
Ion Ratio	Lower	Upper	
276	100		
138	28.7	24.2	36.4
277	23.5	19.9	29.9





#27

Perylene-d12

Concen: 5.00 ng

RT: 25.49 min Scan# 4172

Delta R.T. -0.00 min

Lab File: BE089469.D

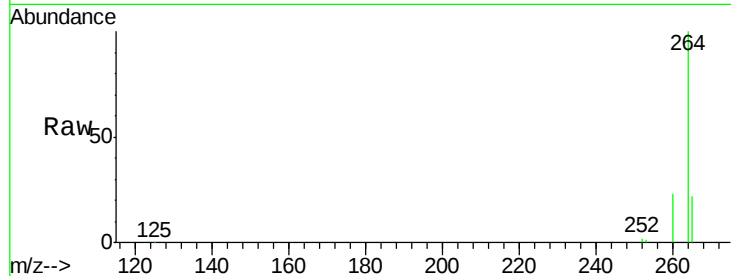
Acq: 3 Feb 2015 18:16

Instrument :

BNA_E

LabSampleId :

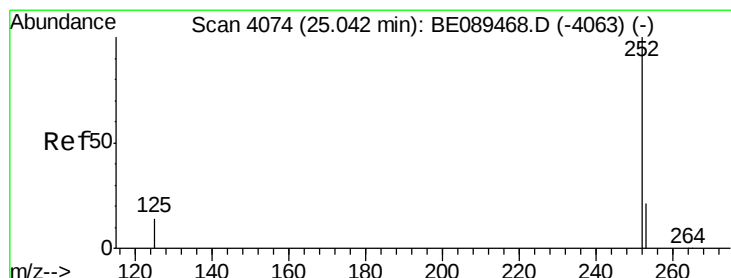
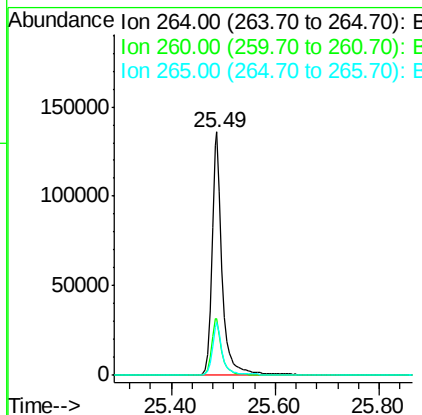
SSTDIC0.8



Tgt Ion:	264	Resp:	187095
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.1	28.7
265	21.7	17.0	25.6

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#28

Benzo(b)fluoranthene

Concen: 0.90 ng

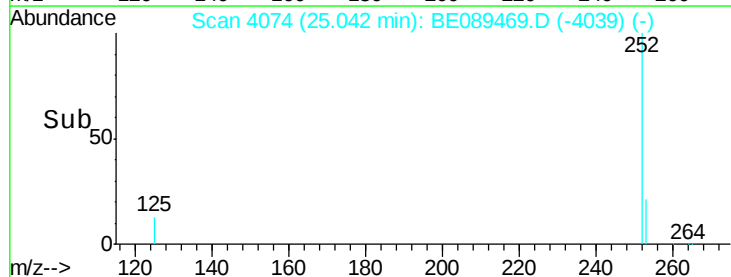
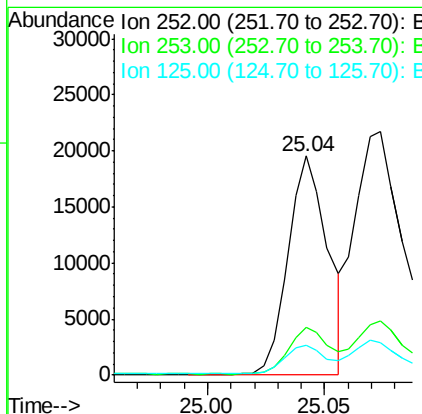
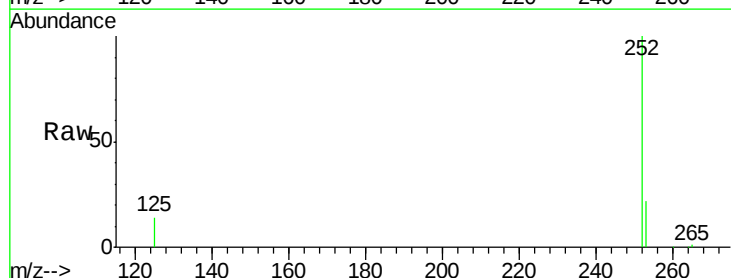
RT: 25.04 min Scan# 4074

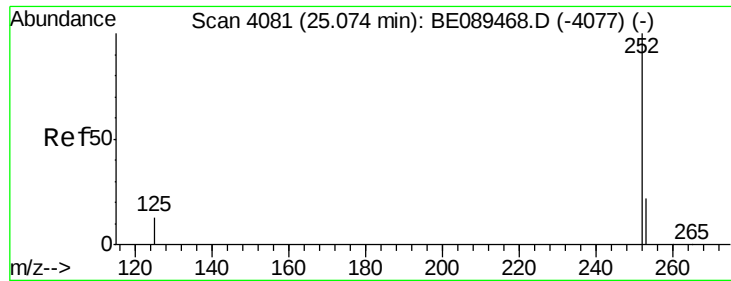
Delta R.T. -0.00 min

Lab File: BE089469.D

Acq: 3 Feb 2015 18:16

Tgt Ion:	252	Resp:	23003
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.4	26.2
125	13.9	11.3	16.9





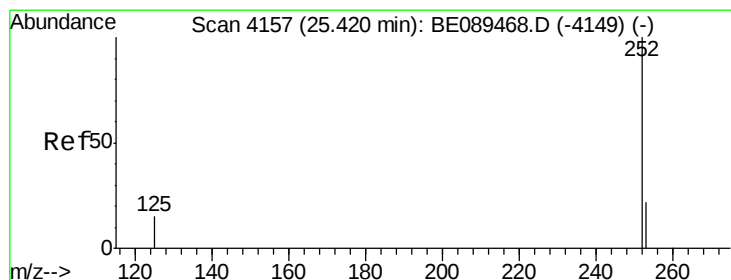
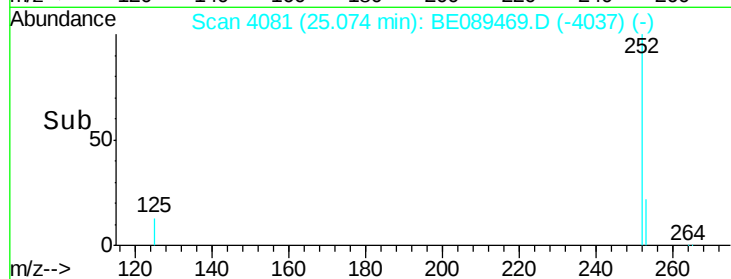
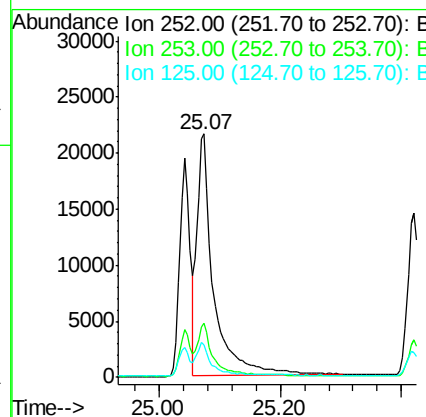
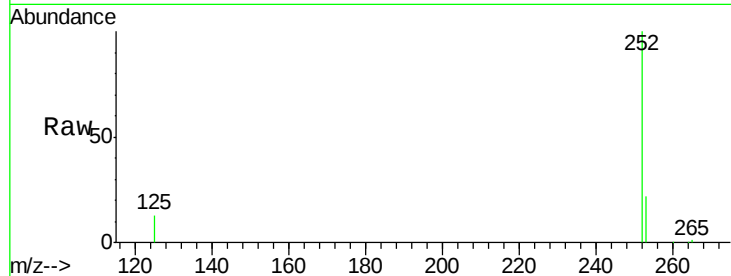
#29
Benzo(k)fluoranthene
Concen: 0.87 ng
RT: 25.07 min Scan# 4081
Delta R.T. -0.00 min
Lab File: BE089469.D
Acq: 3 Feb 2015 18:16

Instrument :
BNA_E
LabSampleId :
SSTDIC0.8

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	13.4	10.6	15.8

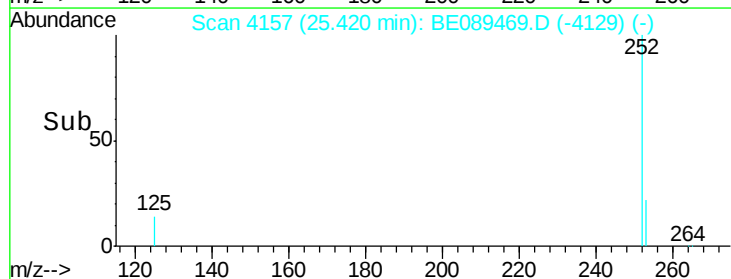
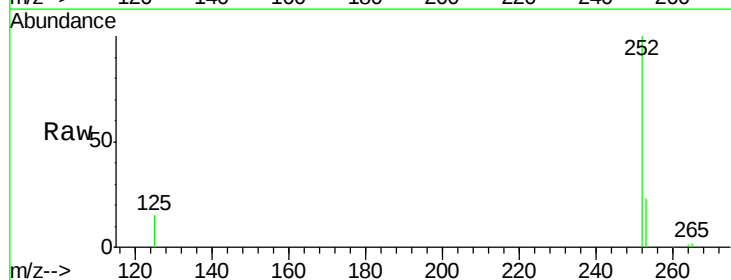
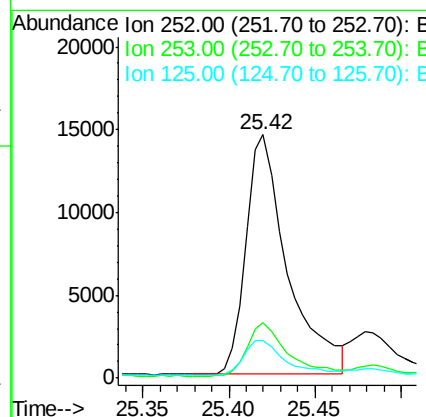
Manual Integrations
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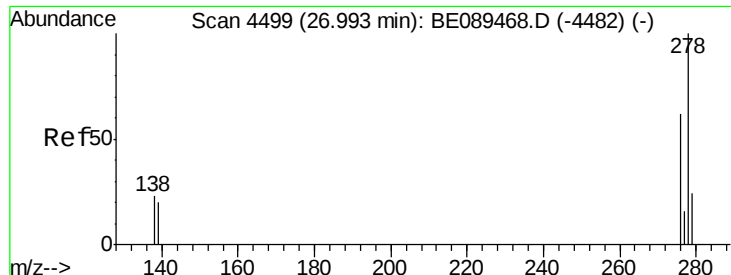
apatel
2/4/2015 2:55:01 PM



#30
Benzo(a)pyrene
Concen: 0.85 ng
RT: 25.42 min Scan# 4157
Delta R.T. -0.00 min
Lab File: BE089469.D
Acq: 3 Feb 2015 18:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	15.3	12.2	18.4





#31

Dibenzo(a,h)anthracene

Concen: 0.77 ng

RT: 26.99 min Scan# 4499

Delta R.T. -0.00 min

Lab File: BE089469.D

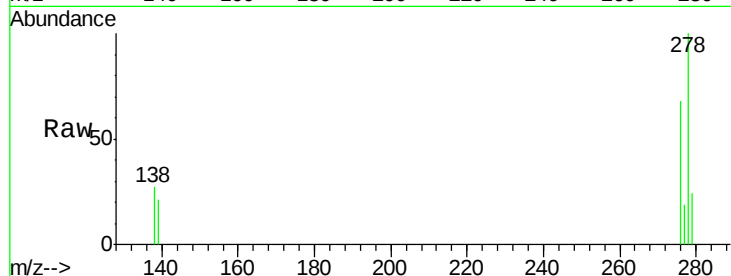
Acq: 3 Feb 2015 18:16

Instrument :

BNA_E

LabSampleId :

SSTDIC0.8



Tgt	Ion	278	Resp:	26545
Ion	Ratio	100	Lower	Upper
139	21.2	16.8	25.2	
279	24.1	19.4	29.0	

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