

Data Path : Z:\HPCHEM1\BNA E\DATA\BE121916\
 Data File : BE092615.D
 Acq On : 19 Dec 2016 19:46
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Manual Integrations
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Quant Time: Dec 20 01:01:23 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 19 16:16:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	8016	5.00	ng	0.00
7) Naphthalene-d8	10.93	136	38938	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	27107	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	57911	5.00	ng	0.00
24) Chrysene-d12	21.72	240	72615	5.00	ng	0.00
31) Perylene-d12	24.06	264	68935	5.00	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.69	112	442	0.43	ng	0.00
5) Phenol-d6	7.36	99	590	0.42	ng	-0.02
8) Nitrobenzene-d5	9.36	82	748m	0.45	ng	0.00
13) 2,4,6-Tribromophenol	16.31	330	194	0.42	ng	0.00
14) 2-Fluorobiphenyl	13.43	172	2401	0.37	ng	0.00
26) Terphenyl-d14	20.16	244	3326	0.37	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.39	88	503	0.39	ng	88
3) n-Nitrosodimethylamine	3.79	42	352	0.45	ng	# 91
6) bis(2-Chloroethyl)ether	7.59	93	601	0.36	ng	# 82
9) Naphthalene	10.97	128	3007	0.38	ng	# 96
10) Hexachlorobutadiene	11.26	225	457	0.38	ng	100
11) 2-Methylnaphthalene	12.64	142	1787	0.35	ng	97
15) Acenaphthylene	14.51	152	13552	0.36	ng	100
16) Acenaphthene	14.85	154	2325	0.38	ng	96
17) Fluorene	15.84	166	2758	0.36	ng	98
19) Hexachlorobenzene	16.86	284	923m	0.37	ng	
20) Pentachlorophenol	17.23	266	156	0.48	ng	90
21) Phenanthrene	17.58	178	5218	0.36	ng	# 95
22) Anthracene	17.69	178	4596	0.34	ng	99
23) Fluoranthene	19.59	202	22489	0.36	ng	99
25) Pyrene	19.95	202	23665	0.37	ng	99
27) Benzo(a)anthracene	21.70	228	23972	0.37	ng	# 87
28) Chrysene	21.75	228	29389m	0.39	ng	
29) Bis(2-ethylhexyl)phthalate	21.61	149	2333	0.42	ng	# 74
30) Indeno(1,2,3-cd)pyrene	26.57	276	24878	0.36	ng	97
32) Benzo(b)fluoranthene	23.35	252	5610	0.35	ng	97
33) Benzo(k)fluoranthene	23.39	252	6206	0.35	ng	98
34) Benzo(a)pyrene	23.96	252	5161	0.34	ng	98
35) Dibenzo(a,h)anthracene	26.58	278	5015	0.35	ng	# 96
36) Benzo(g,h,i)perylene	27.31	276	22199	0.36	ng	97

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

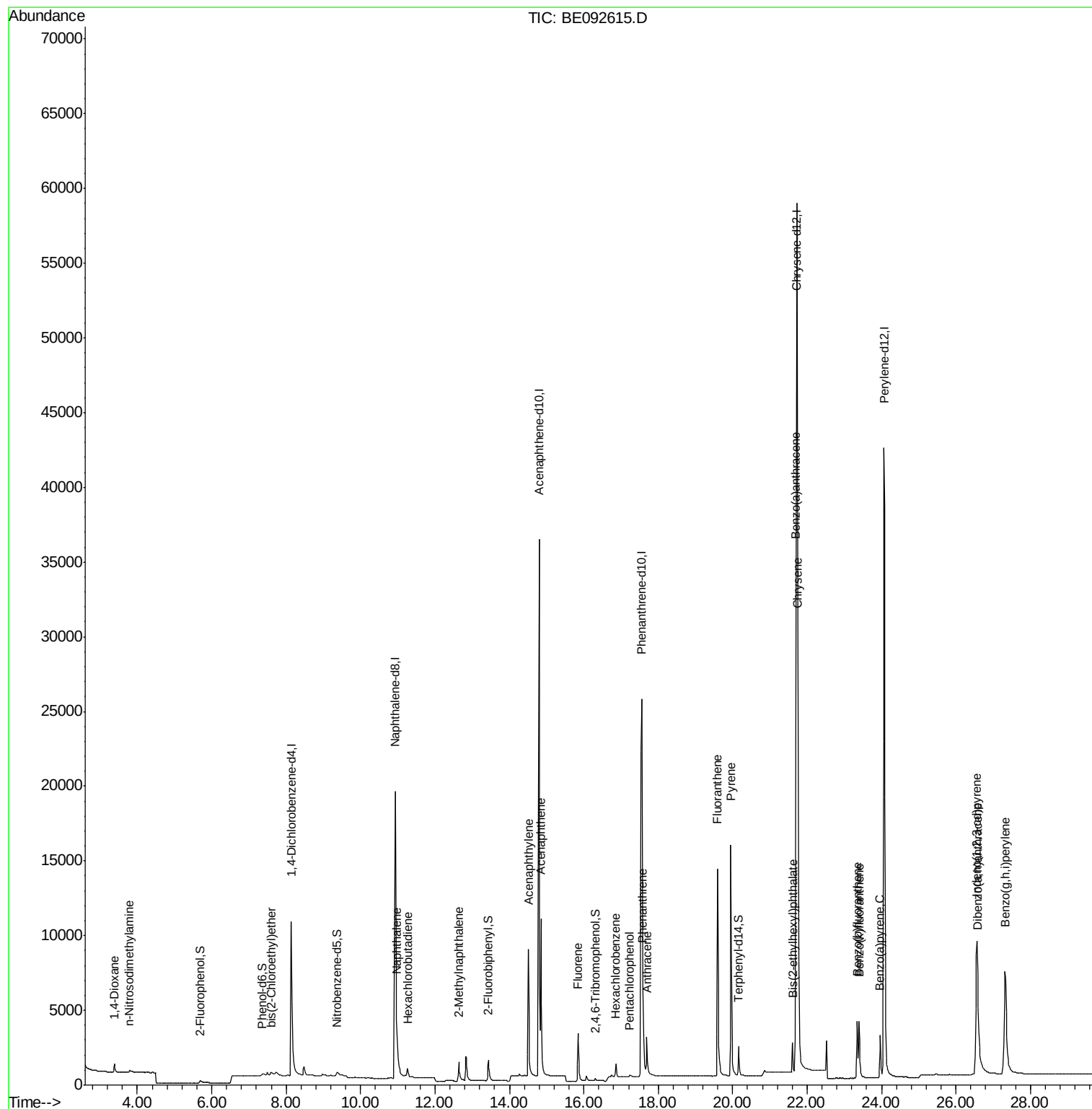
Data Path : Z:\HPCHEM1\BNA E\DATA\BE121916\
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Misc :
ALS Vial : 4 Sample Multiplier: 1

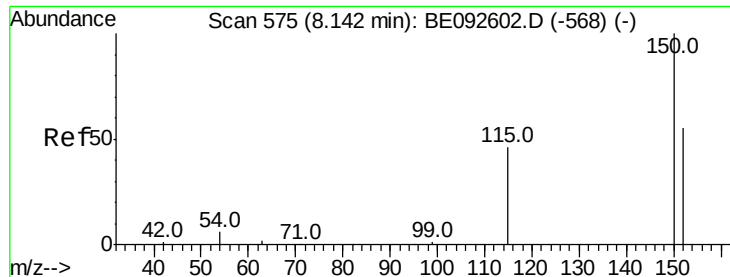
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

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Quant Time: Dec 20 01:01:23 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 19 16:16:32 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.14 min Scan# 575

Delta R.T. 0.00 min

Lab File: BE092615.D

Acq: 19 Dec 2016 19:46

Instrument :

BNA_E

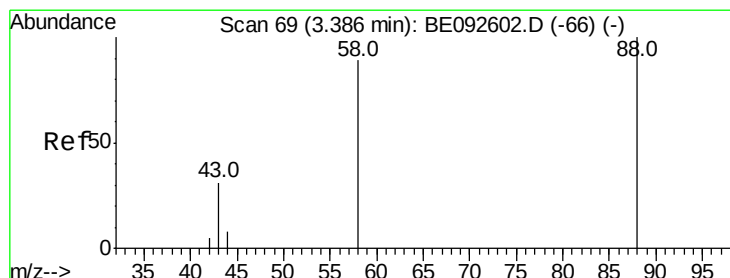
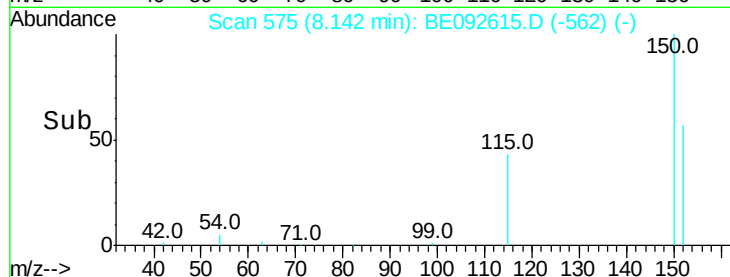
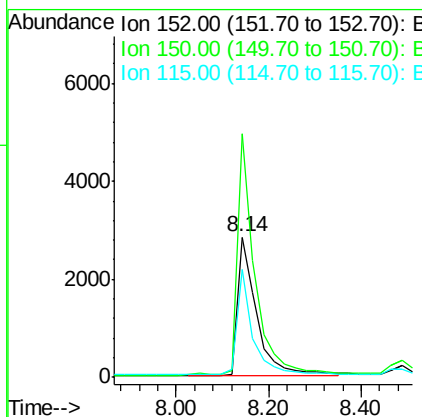
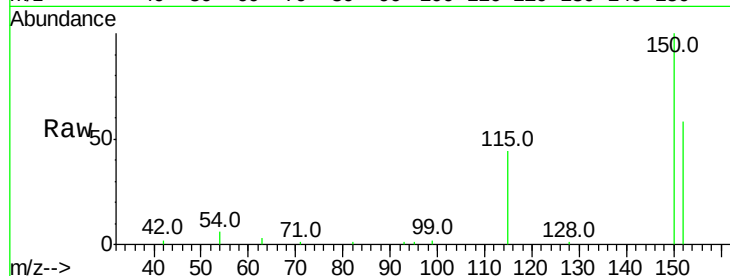
ClientSampleId :

SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	173.3	106.0	159.0#
115	76.4	31.2	46.8#

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#2

1,4-Dioxane

Concen: 0.39 ng

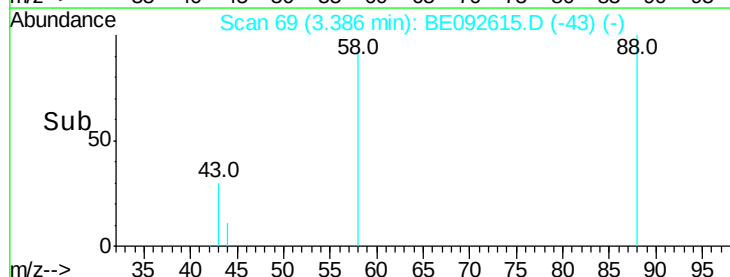
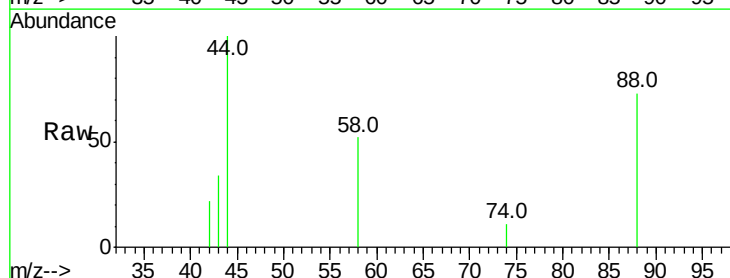
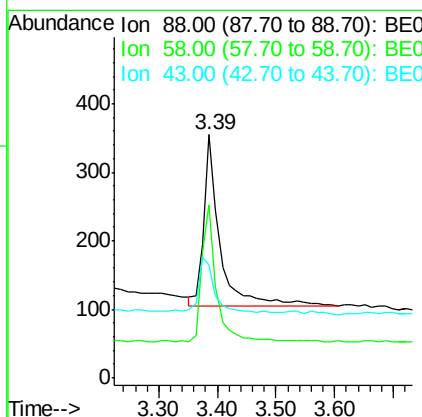
RT: 3.39 min Scan# 69

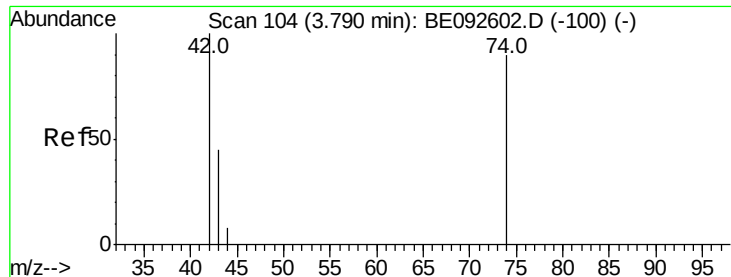
Delta R.T. 0.00 min

Lab File: BE092615.D

Acq: 19 Dec 2016 19:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.4	63.6	95.4
43	29.2	28.0	42.0





#3

n-Nitrosodimethylamine

Concen: 0.45 ng

RT: 3.79 min Scan# 104

Delta R.T. 0.00 min

Lab File: BE092615.D

Acq: 19 Dec 2016 19:46

Instrument :

BNA_E

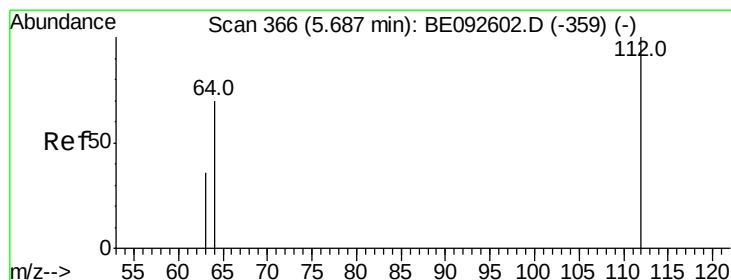
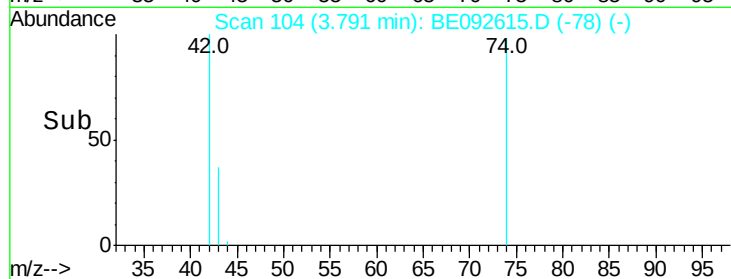
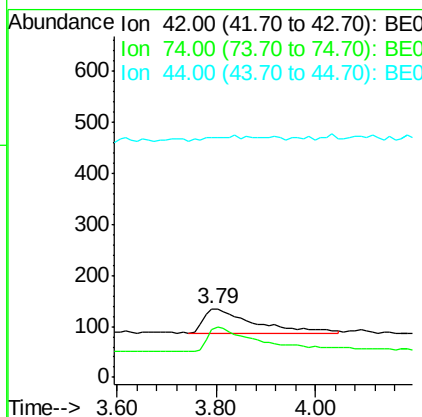
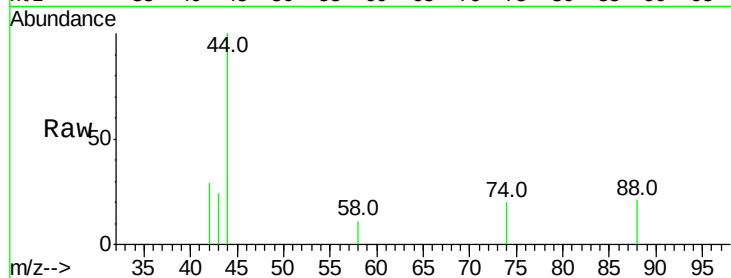
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:	42	Resp:	352
Ion	Ratio	Lower	Upper
42	100		
74	98.9	86.0	129.0
44	0.0	5.1	7.7#

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#4

2-Fluorophenol

Concen: 0.43 ng

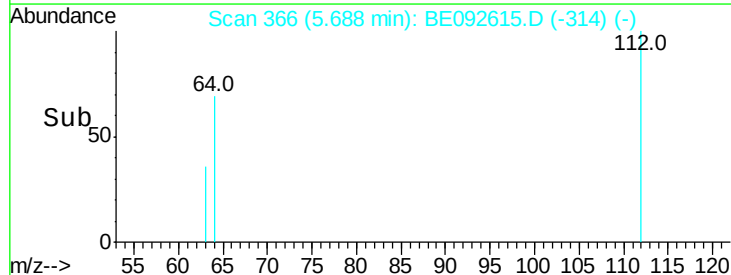
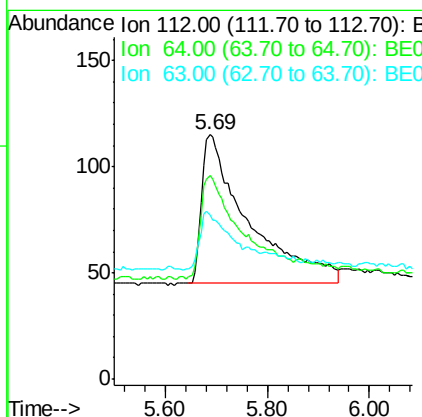
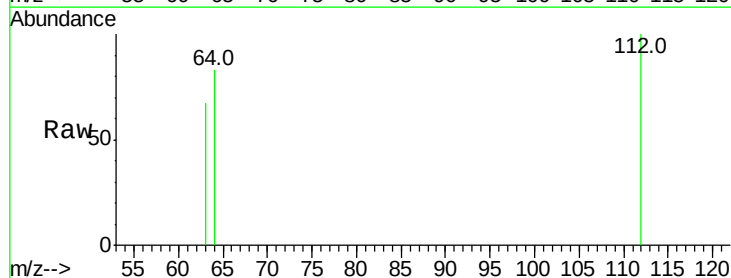
RT: 5.69 min Scan# 366

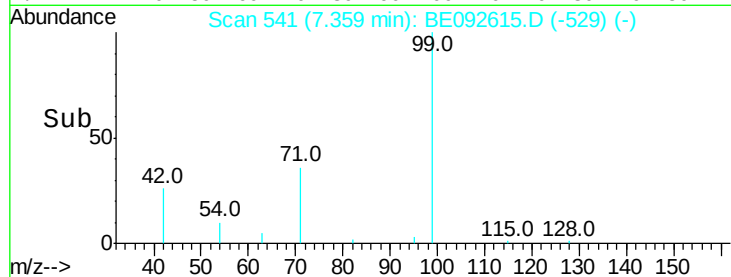
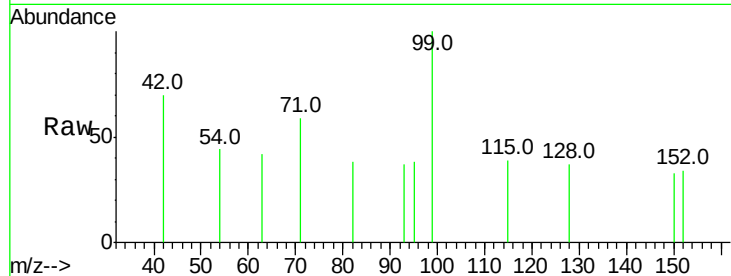
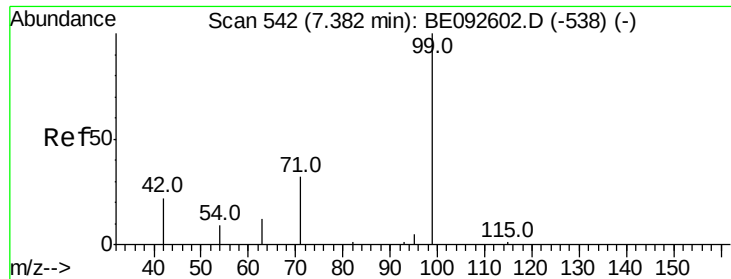
Delta R.T. 0.00 min

Lab File: BE092615.D

Acq: 19 Dec 2016 19:46

Tgt Ion:	112	Resp:	442
Ion	Ratio	Lower	Upper
112	100		
64	62.4	53.5	80.3
63	29.4	27.9	41.9





#5

Phenol-d6

Concen: 0.42 ng

RT: 7.36 min Scan# 541

Delta R.T. -0.02 min

Lab File: BE092615.D

Acq: 19 Dec 2016 19:46

Tot Ion:	99	Resp:	590
Ion Ratio	Lower	Upper	
99	100		
42	28.8	16.0	24.0#
71	36.1	30.6	45.8

Instrument :

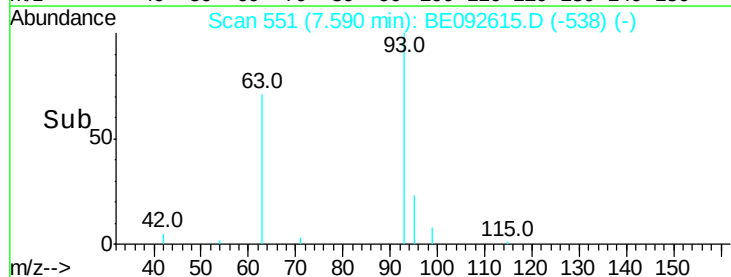
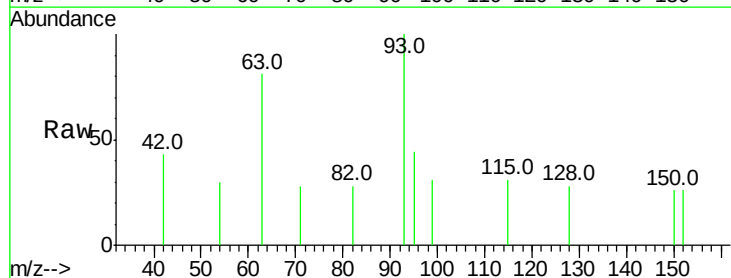
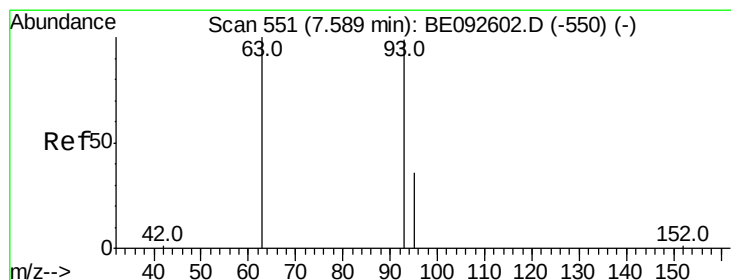
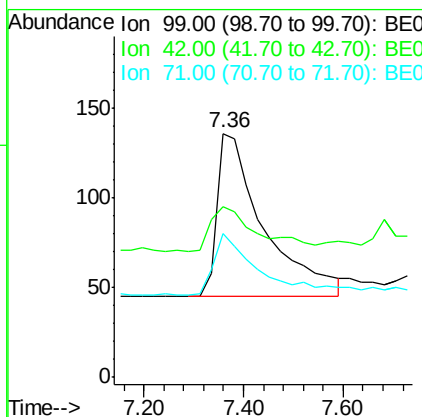
BNA_E

ClientSampleId :

SSTDCCC0.4EC

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#6

bis(2-Chloroethyl)ether

Concen: 0.36 ng

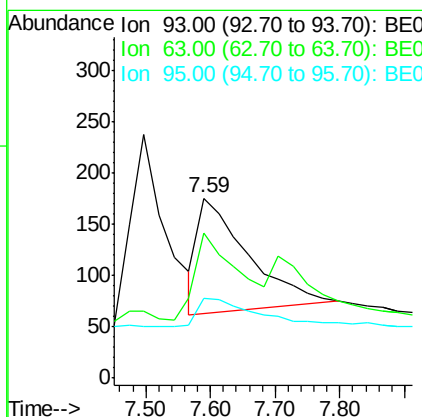
RT: 7.59 min Scan# 551

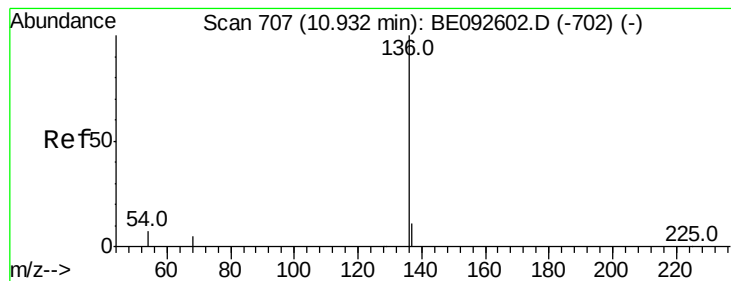
Delta R.T. 0.00 min

Lab File: BE092615.D

Acq: 19 Dec 2016 19:46

Tgt Ion:	93	Resp:	601
Ion Ratio	Lower	Upper	
93	100		
63	67.6	71.6	107.4#
95	30.1	24.0	36.0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.93 min Scan# 707

Delta R.T. 0.00 min

Lab File: BE092615.D

Acq: 19 Dec 2016 19:46

Instrument :

BNA_E

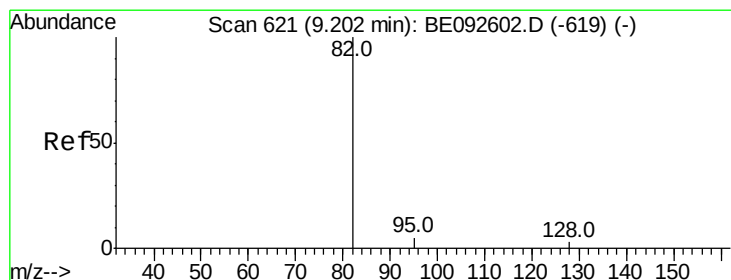
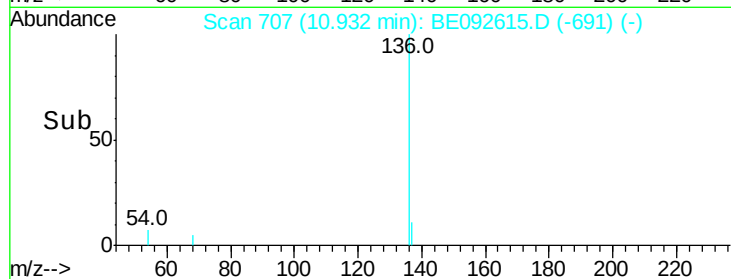
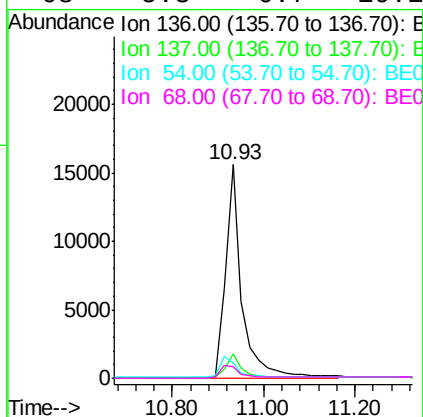
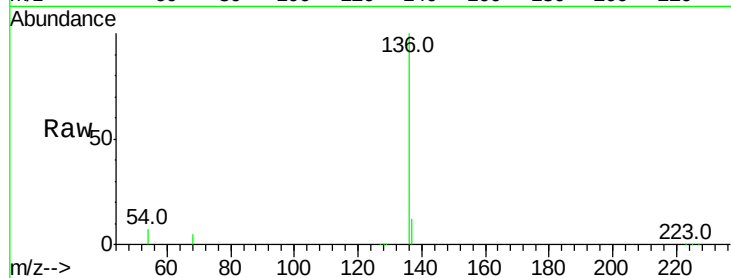
ClientSampleId :

SSTDCCC0.4EC

Tot Ion	136	Resp	38938
Ion Ratio	Lower	Upper	
136	100		
137	11.6	8.2	12.4
54	7.4	9.6	14.4#
68	5.3	6.7	10.1#

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#8

Nitrobenzene-d5

Concen: 0.45 ng m

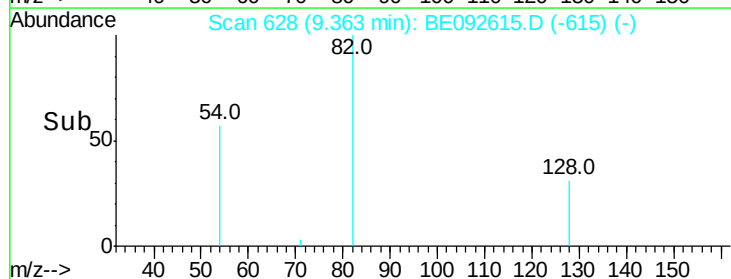
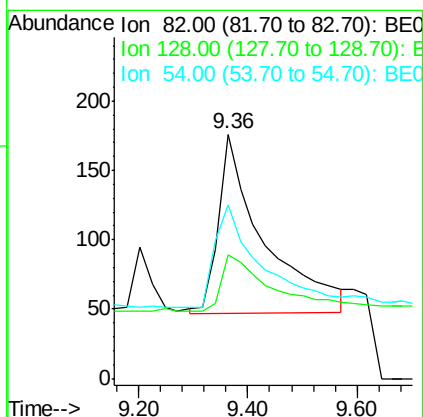
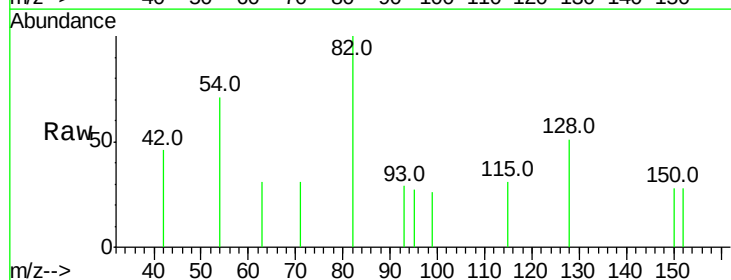
RT: 9.36 min Scan# 628

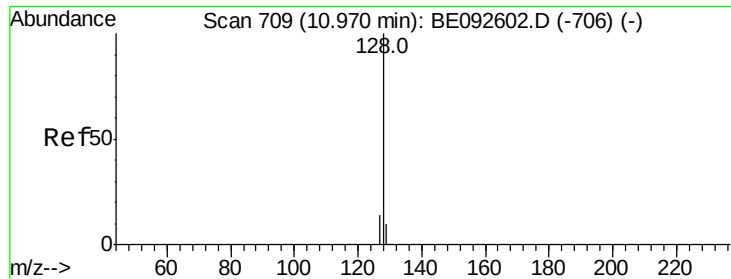
Delta R.T. 0.00 min

Lab File: BE092615.D

Acq: 19 Dec 2016 19:46

Tgt Ion	82	Resp	748
Ion Ratio	Lower	Upper	
82	100		
128	50.6	39.0	58.4
54	71.0	44.8	67.2#





#9

Naphthalene

Concen: 0.38 ng

RT: 10.97 min Scan# 709

Delta R.T. 0.00 min

Lab File: BE092615.D

Acq: 19 Dec 2016 19:46

Instrument :

BNA_E

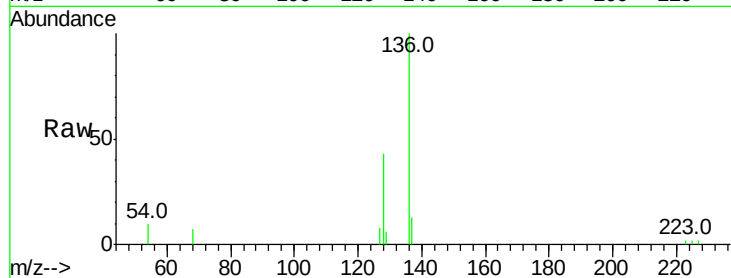
ClientSampleId :

SSTDCCC0.4EC

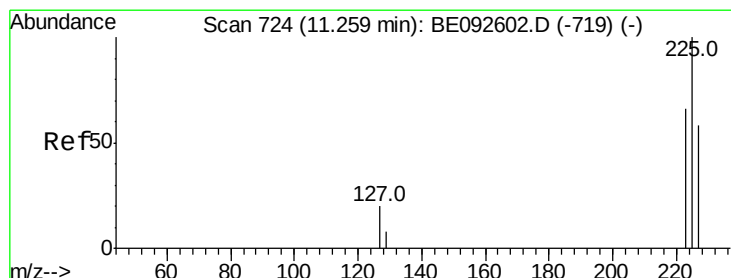
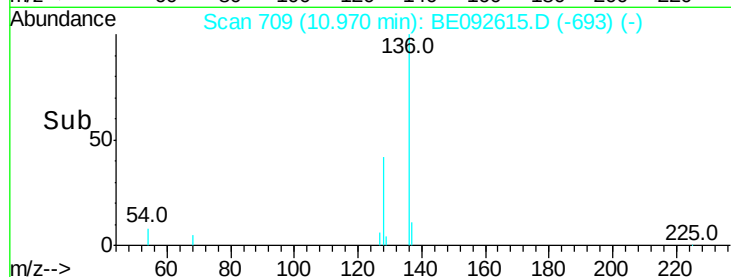
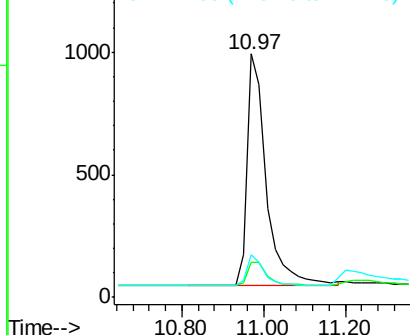
Tot Ion:	128	Resp:	3007
Ion Ratio	Lower	Upper	
128	100		
129	14.5	11.2	16.8
127	17.4	11.6	17.4#

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.38 ng

RT: 11.26 min Scan# 724

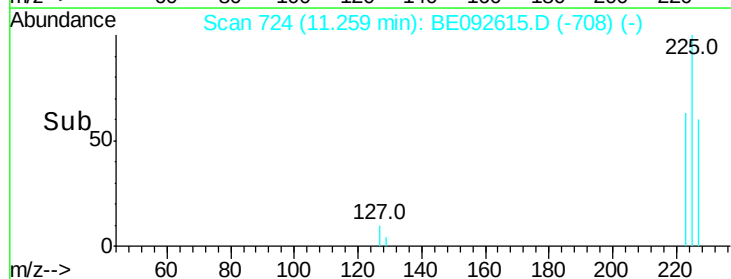
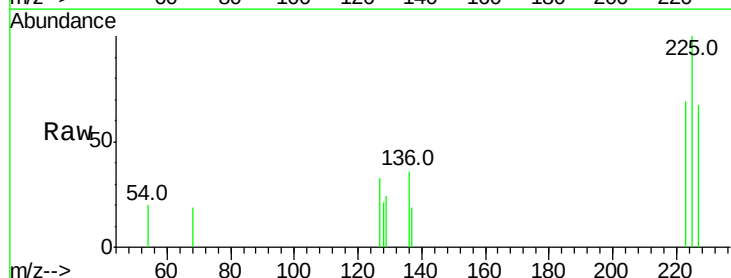
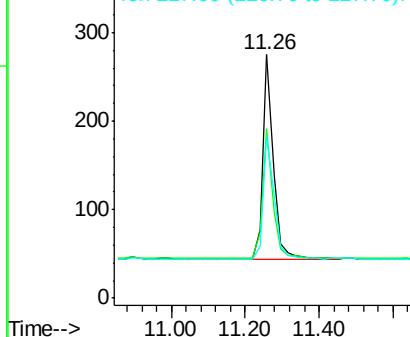
Delta R.T. 0.00 min

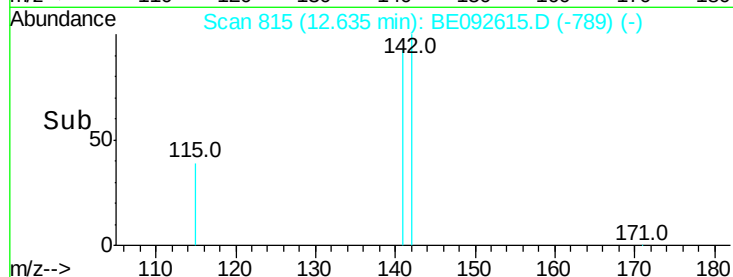
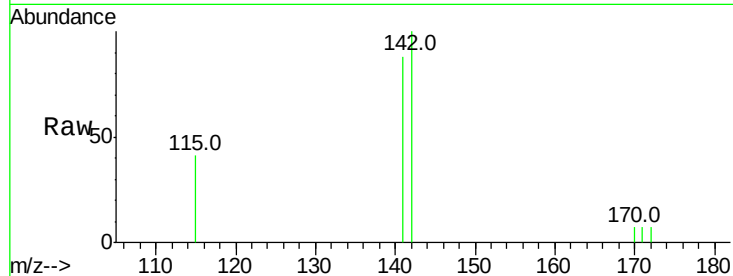
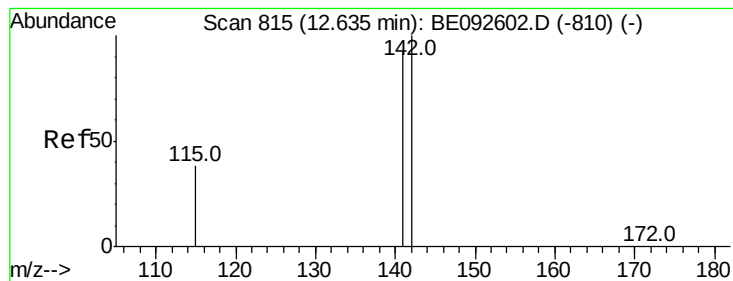
Lab File: BE092615.D

Acq: 19 Dec 2016 19:46

Tgt Ion:	225	Resp:	457
Ion Ratio	Lower	Upper	
225	100		
223	63.2	50.6	76.0
227	63.9	51.4	77.0

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





#11

2-Methylnaphthalene

Concen: 0.35 ng

RT: 12.64 min Scan# 815

Delta R.T. 0.00 min

Lab File: BE092615.D

Acq: 19 Dec 2016 19:46

Tot Ion:	142	Resp:	1787
Ion	Ratio	Lower	Upper
142	100		
141	88.2	73.7	110.5
115	41.4	34.0	51.0

Instrument :

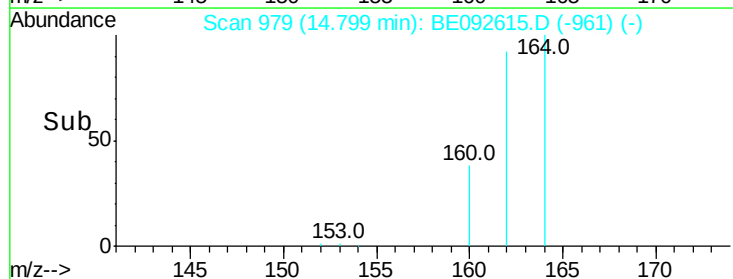
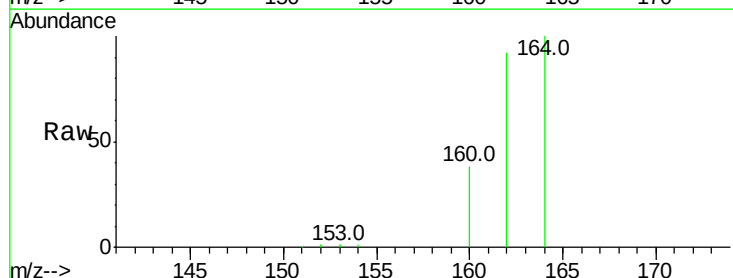
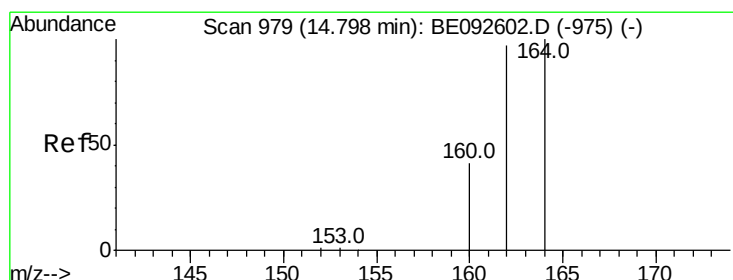
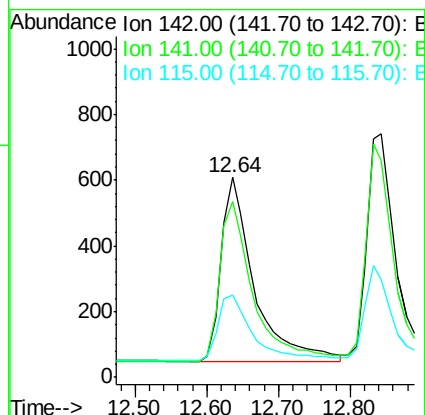
BNA_E

ClientSampleId :

SSTDCCC0.4EC

Manual Integrations
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#12

Acenaphthene-d10

Concen: 5.00 ng

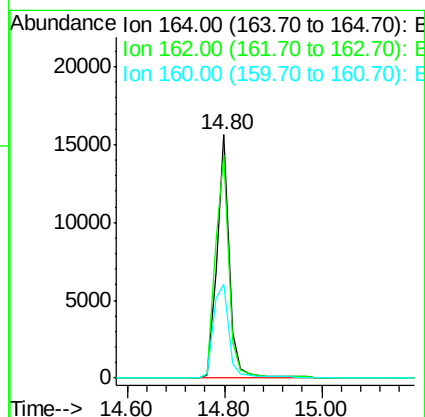
RT: 14.80 min Scan# 979

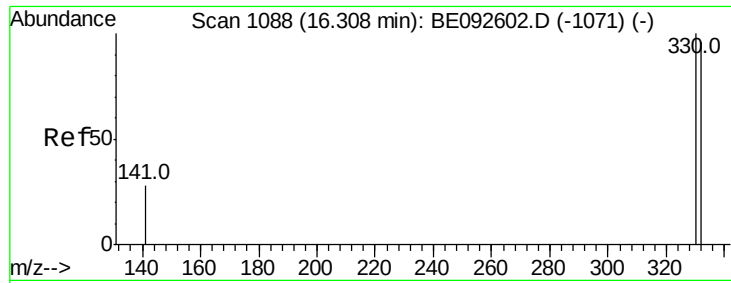
Delta R.T. 0.00 min

Lab File: BE092615.D

Acq: 19 Dec 2016 19:46

Tgt Ion:	164	Resp:	27107
Ion	Ratio	Lower	Upper
164	100		
162	91.6	71.4	107.0
160	38.3	27.4	41.2





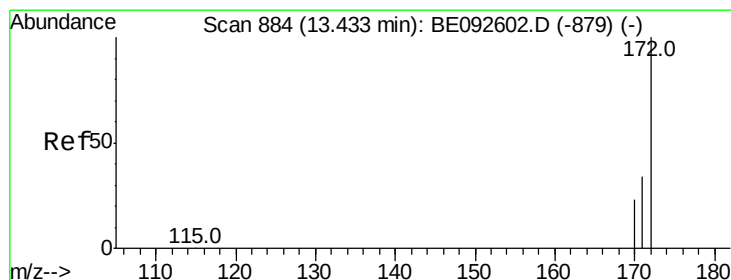
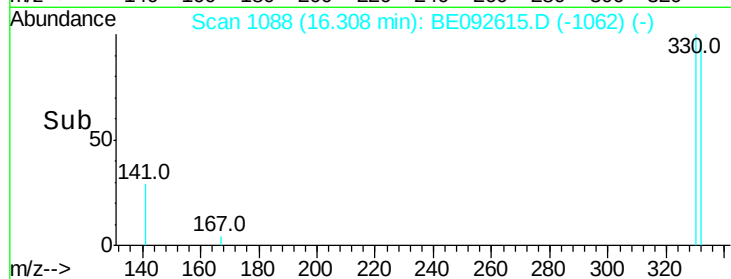
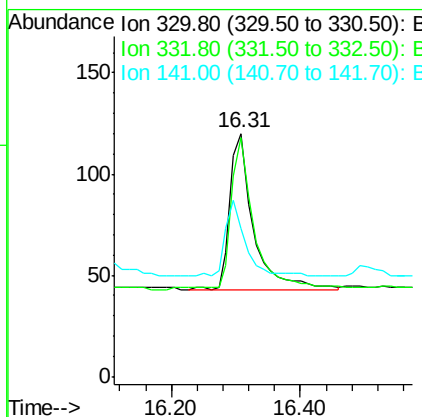
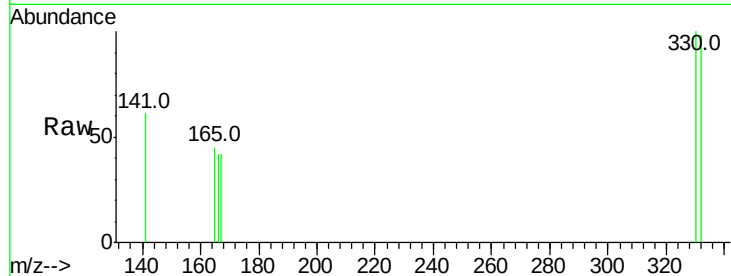
#13
 2,4,6-Tribromophenol
 Concen: 0.42 ng
 RT: 16.31 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: BE092615.D
 Acq: 19 Dec 2016 19:46

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:330 Resp: 194
 Ion Ratio Lower Upper
 330 100
 332 97.9 75.4 113.0
 141 38.1 31.0 46.6

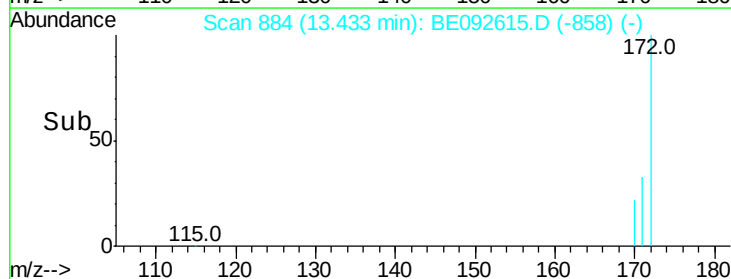
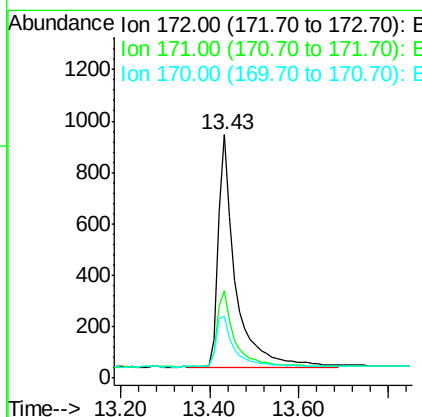
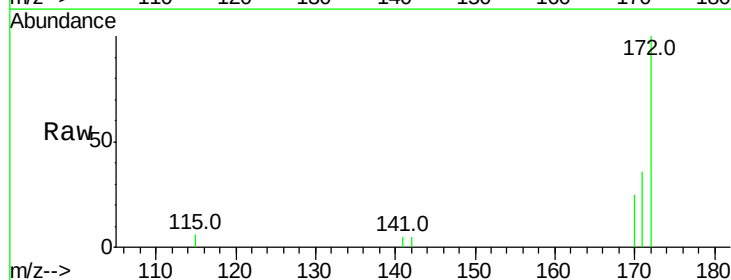
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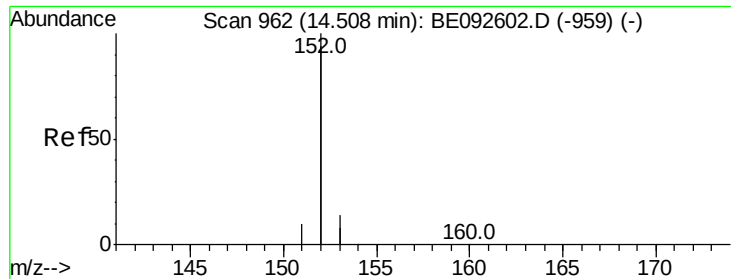
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#14
 2-Fluorobiphenyl
 Concen: 0.37 ng
 RT: 13.43 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: BE092615.D
 Acq: 19 Dec 2016 19:46

Tgt Ion:172 Resp: 2401
 Ion Ratio Lower Upper
 172 100
 171 36.2 30.1 45.1
 170 25.4 21.8 32.6





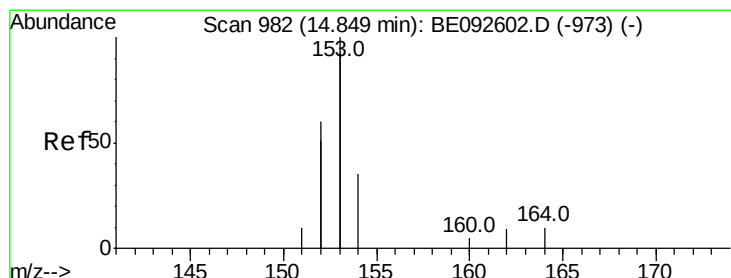
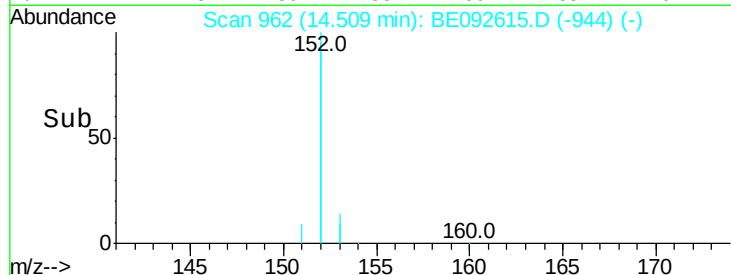
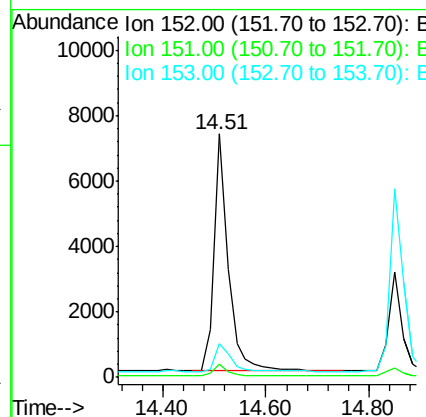
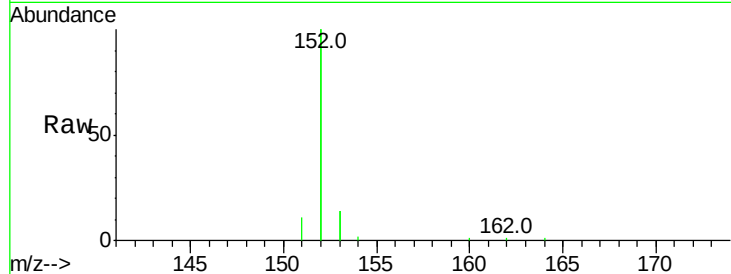
#15
Acenaphthylene
Concen: 0.36 ng
RT: 14.51 min Scan# 962
Delta R.T. 0.00 min
Lab File: BE092615.D
Acq: 19 Dec 2016 19:46

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
152	100		
151	5.0	3.9	5.9
153	13.0	10.4	15.6

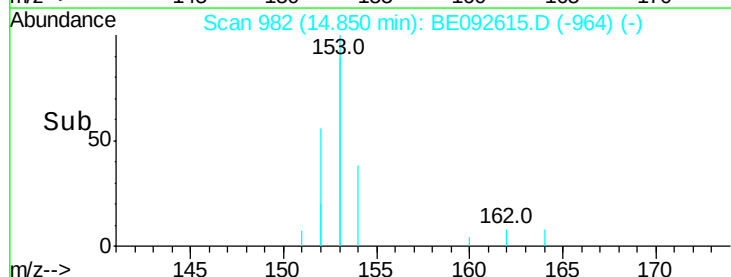
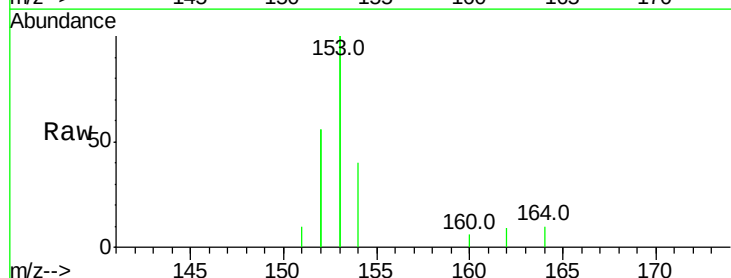
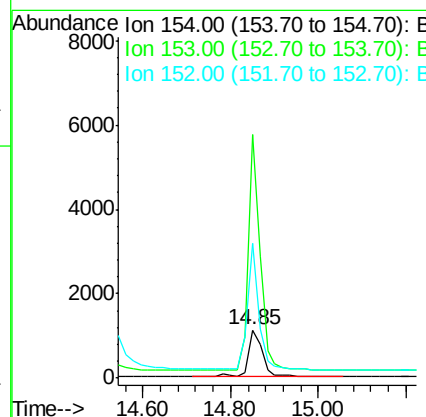
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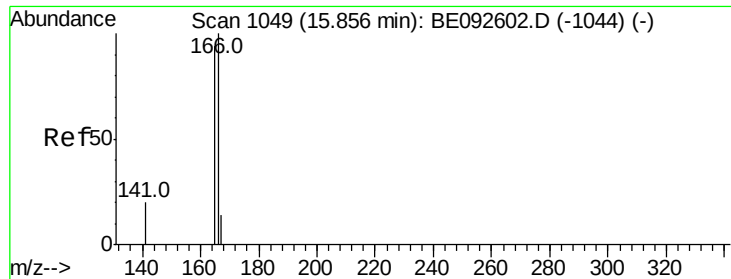
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#16
Acenaphthene
Concen: 0.38 ng
RT: 14.85 min Scan# 982
Delta R.T. 0.00 min
Lab File: BE092615.D
Acq: 19 Dec 2016 19:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	437.0	350.8	526.2
152	229.2	171.1	256.7





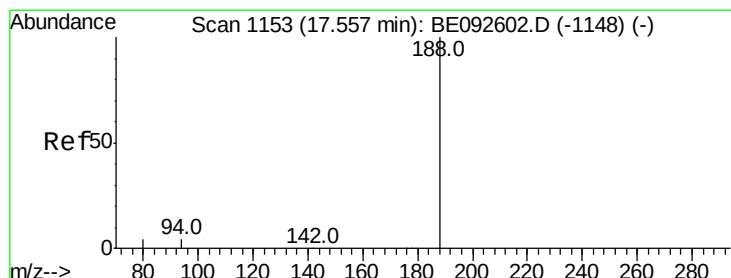
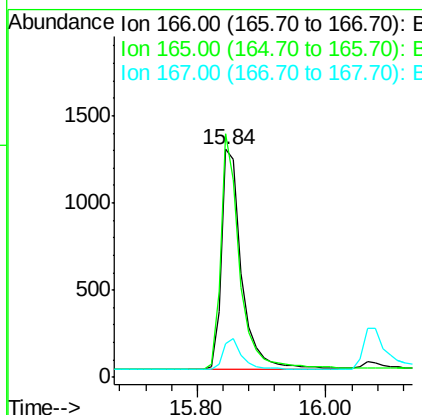
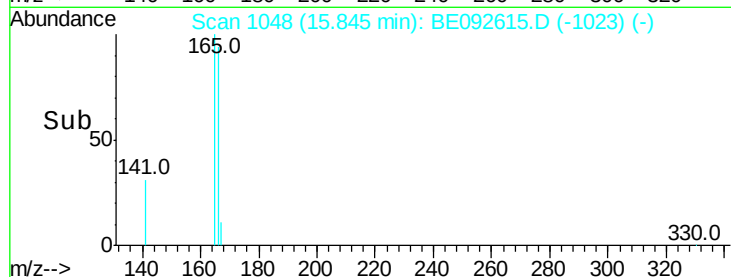
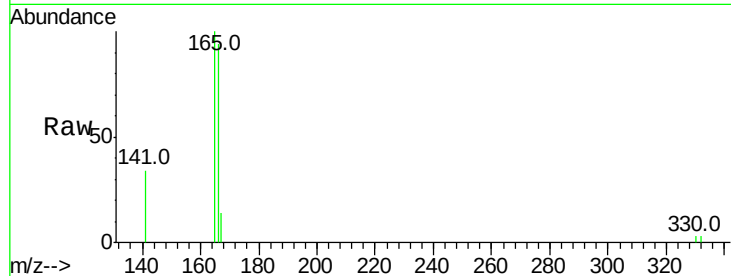
#17
Fluorene
Concen: 0.36 ng
RT: 15.84 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BE092615.D
Acq: 19 Dec 2016 19:46

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.0	78.2	117.4
167	13.2	11.0	16.4

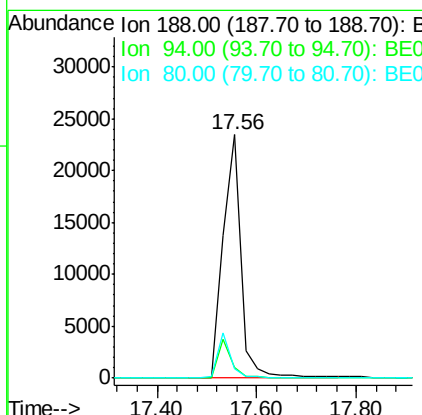
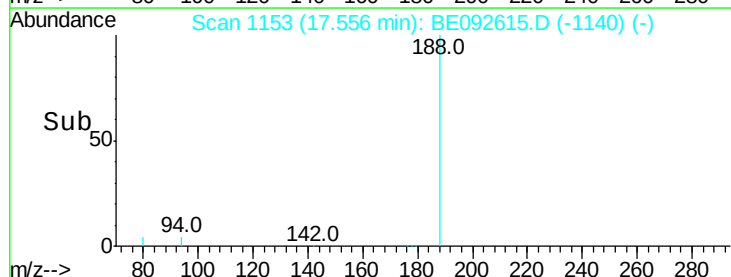
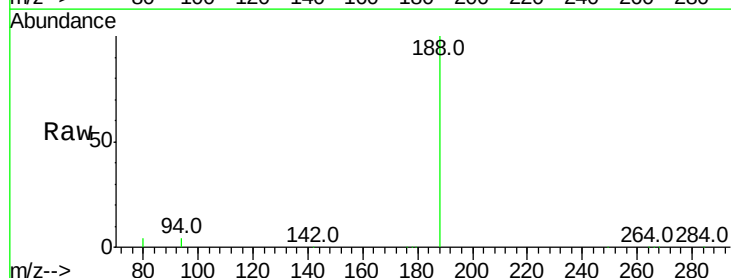
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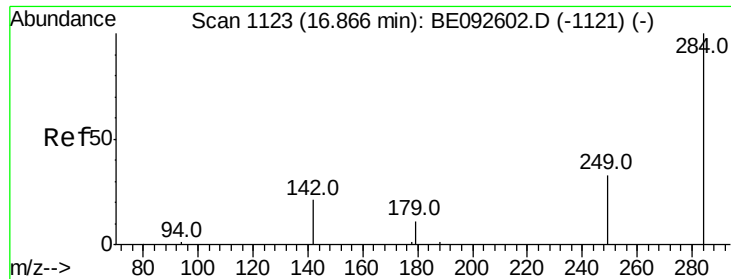
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#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BE092615.D
Acq: 19 Dec 2016 19:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.2	3.2	4.8
80	3.7	2.6	3.8





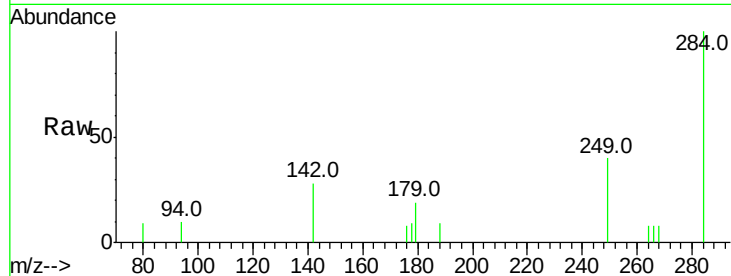
#19
Hexachlorobenzene
Concen: 0.37 ng m
RT: 16.86 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE092615.D
Acq: 19 Dec 2016 19:46

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

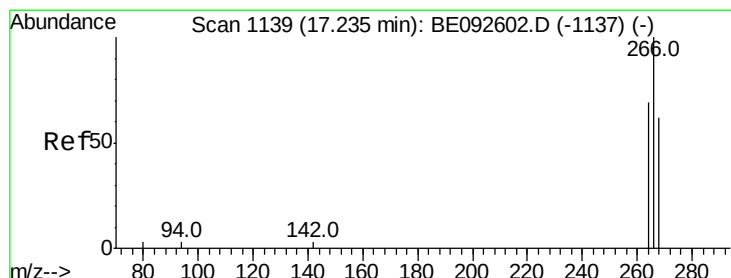
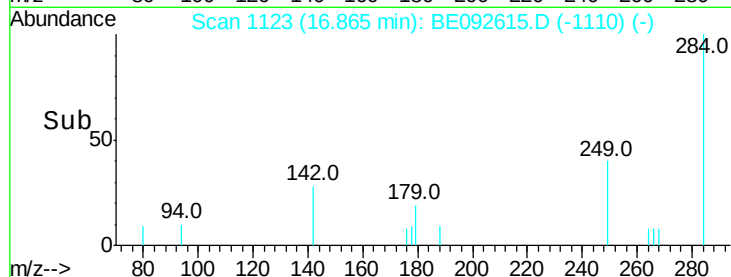
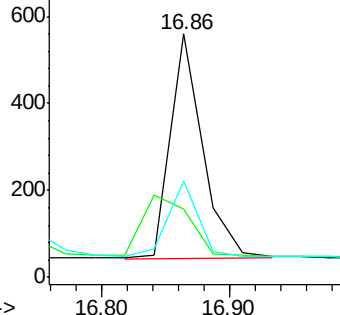
Tot Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	46.3	27.9	41.9#

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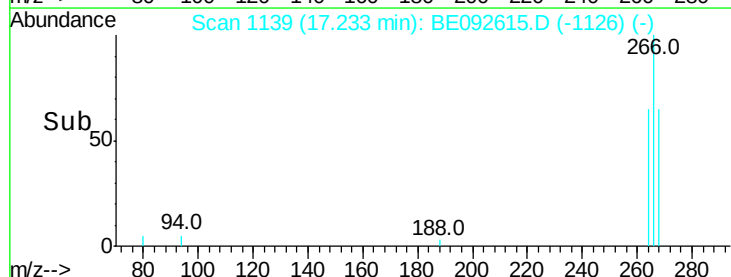
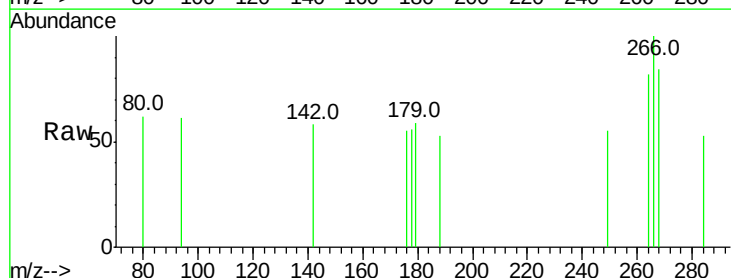
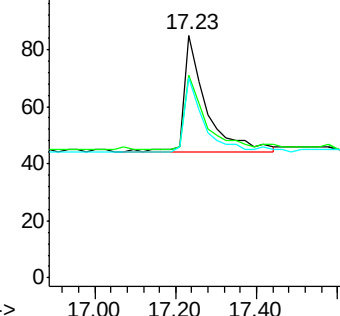
Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

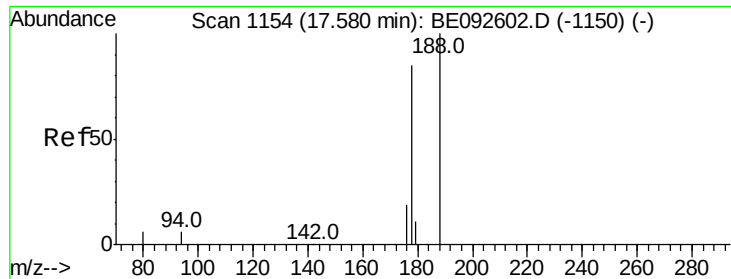


#20
Pentachlorophenol
Concen: 0.48 ng
RT: 17.23 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BE092615.D
Acq: 19 Dec 2016 19:46

Tgt Ion	Ratio	Lower	Upper
266	100		
268	83.5	62.5	93.7
264	82.4	57.2	85.8

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





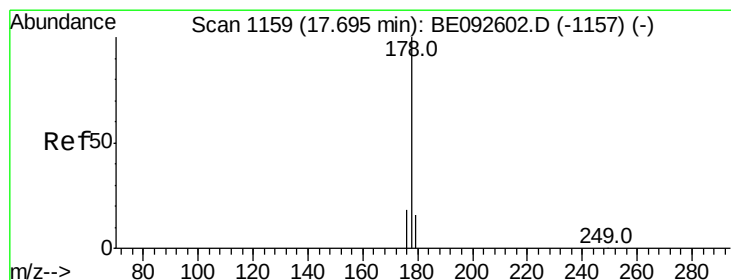
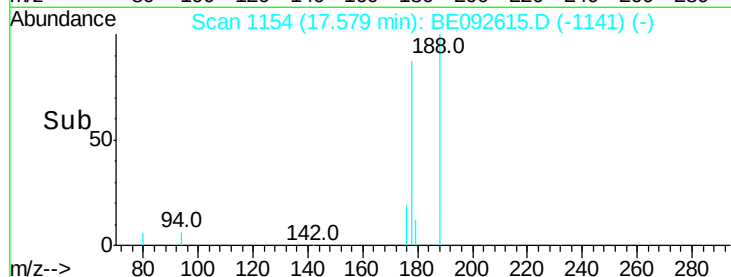
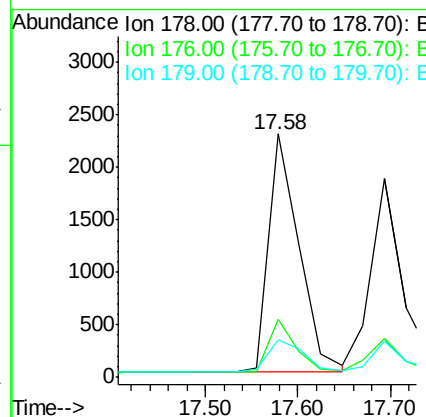
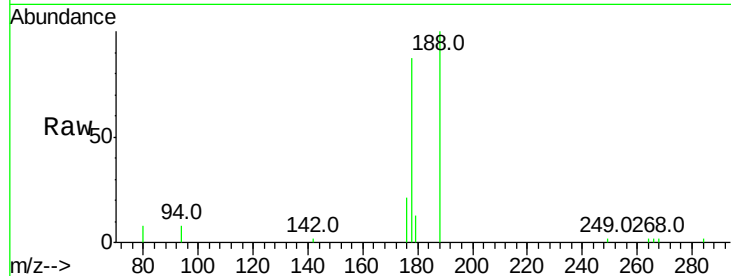
#21
Phenanthrene
Concen: 0.36 ng
RT: 17.58 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE092615.D
Acq: 19 Dec 2016 19:46

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	15.9	16.0	24.0

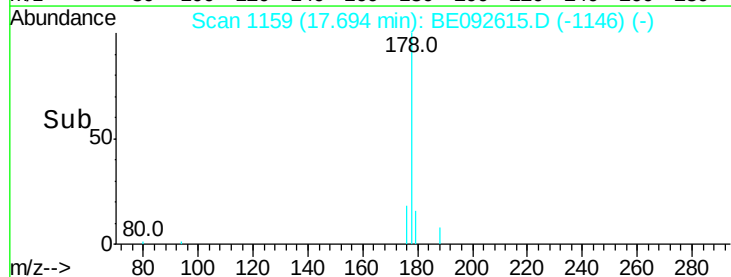
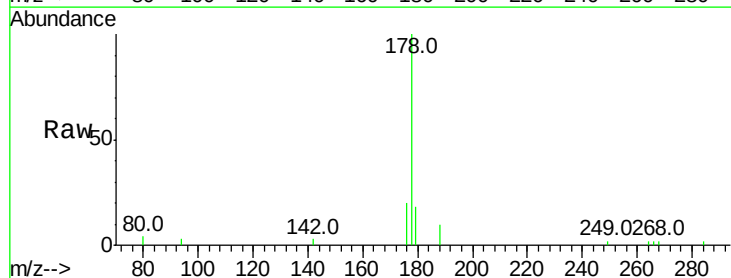
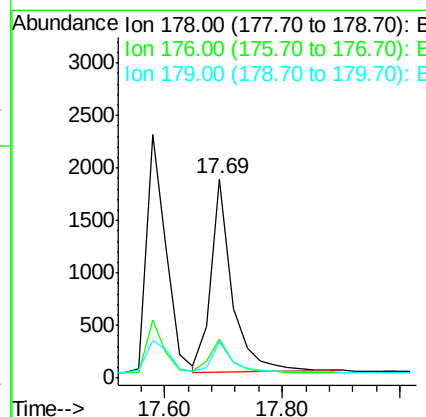
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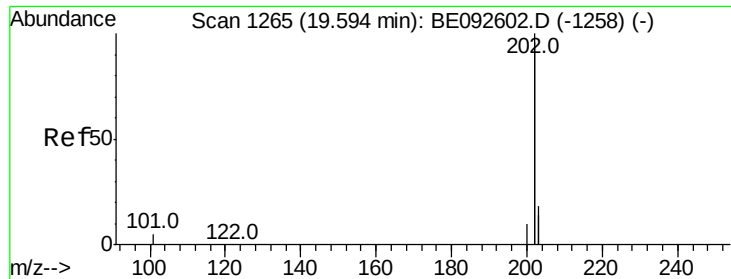
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#22
Anthracene
Concen: 0.34 ng
RT: 17.69 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BE092615.D
Acq: 19 Dec 2016 19:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	16.3	12.2	18.2





#23

Fluoranthene

Concen: 0.36 ng

RT: 19.59 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BE092615.D

Acq: 19 Dec 2016 19:46

Instrument :

BNA_E

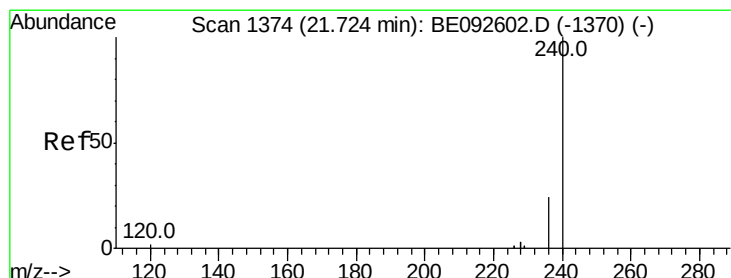
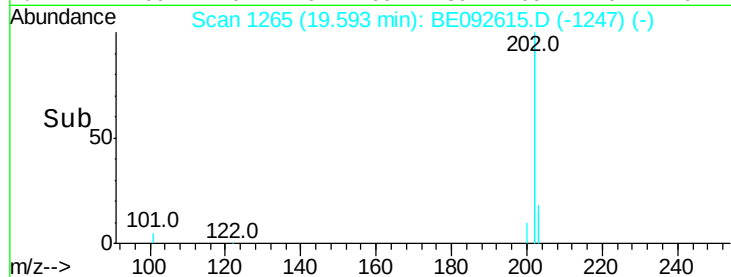
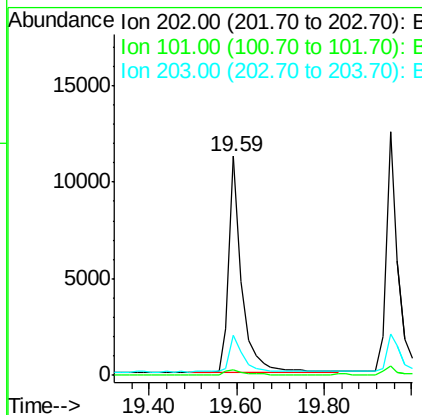
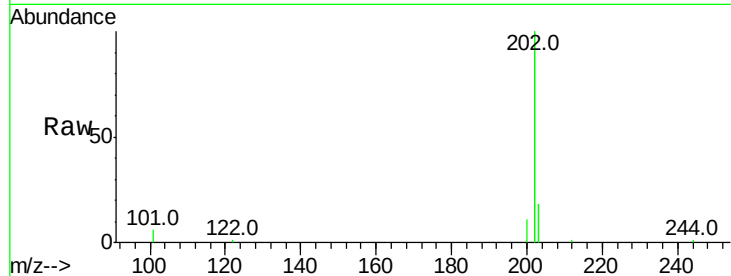
ClientSampleId :

SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
202	100		
101	2.9	2.2	3.4
203	17.8	13.7	20.5

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#24

Chrysene-d12

Concen: 5.00 ng

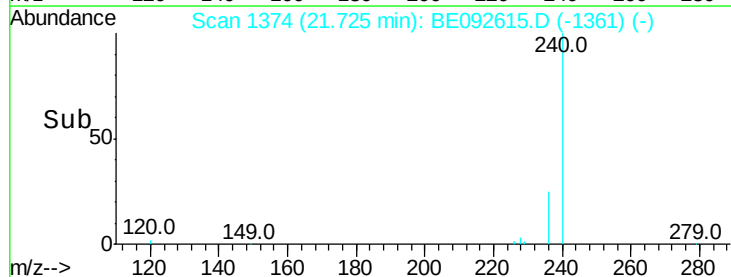
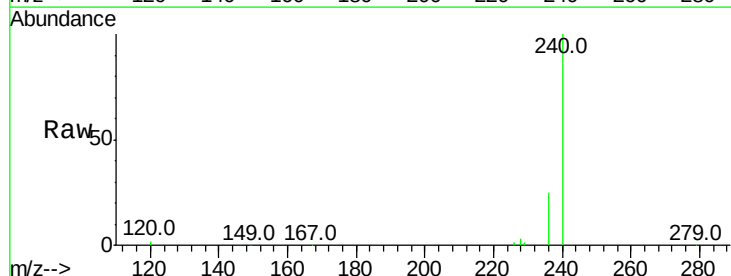
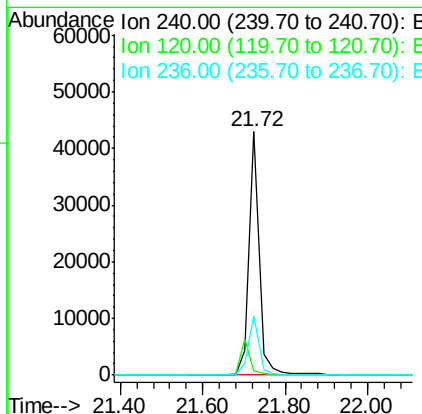
RT: 21.72 min Scan# 1374

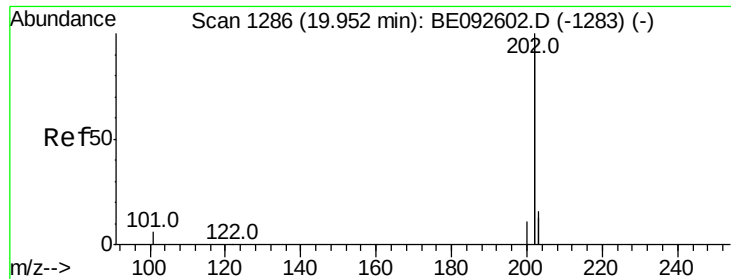
Delta R.T. 0.00 min

Lab File: BE092615.D

Acq: 19 Dec 2016 19:46

Tgt Ion	Ratio	Lower	Upper
240	100		
120	1.7	2.6	4.0#
236	24.6	24.6	37.0#





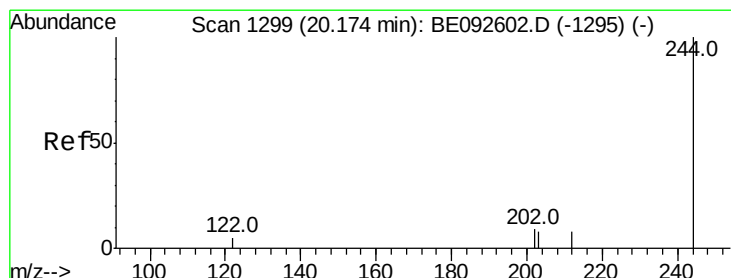
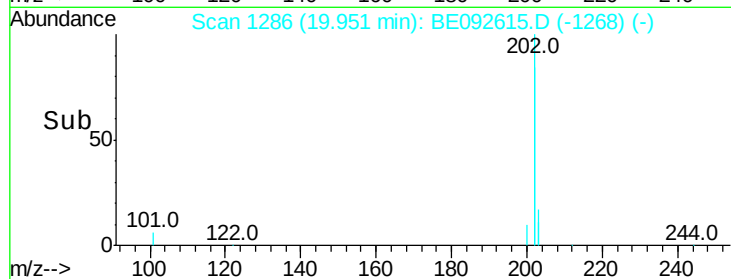
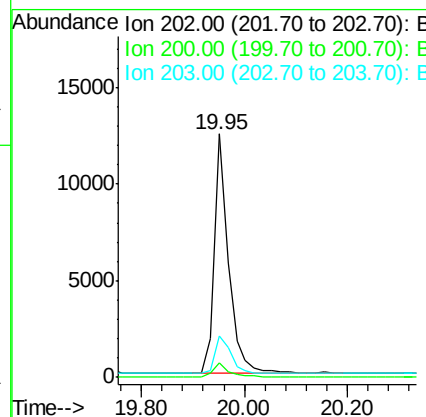
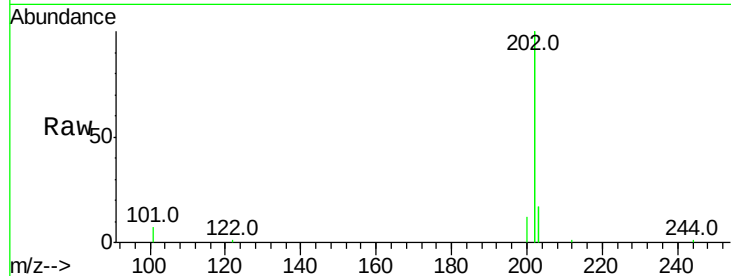
#25
Pvrene
Concen: 0.37 ng
RT: 19.95 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BE092615.D
Acq: 19 Dec 2016 19:46

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
202	100		
200	5.4	4.2	6.4
203	17.7	13.9	20.9

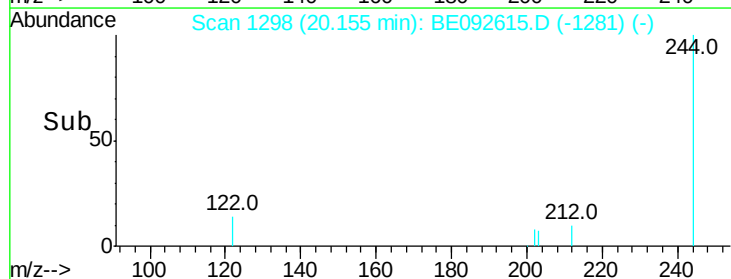
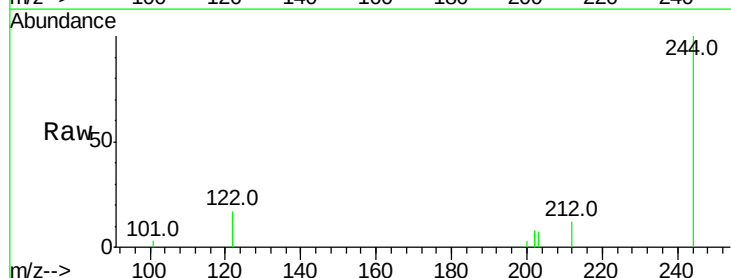
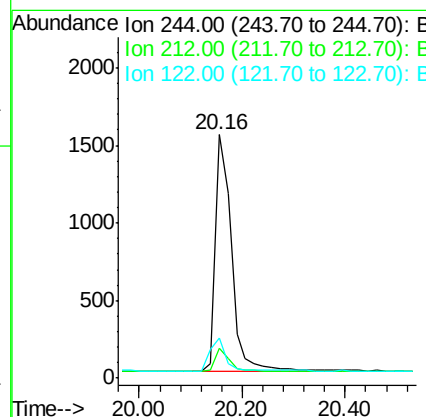
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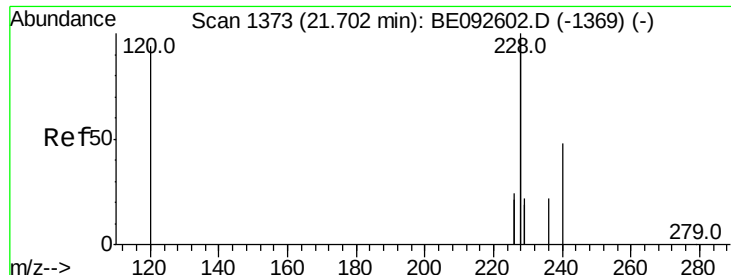
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#26
Terphenyl-d14
Concen: 0.37 ng
RT: 20.16 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BE092615.D
Acq: 19 Dec 2016 19:46

Tgt Ion	Ratio	Lower	Upper
244	100		
212	12.1	6.7	10.1#
122	16.6	3.6	5.4#





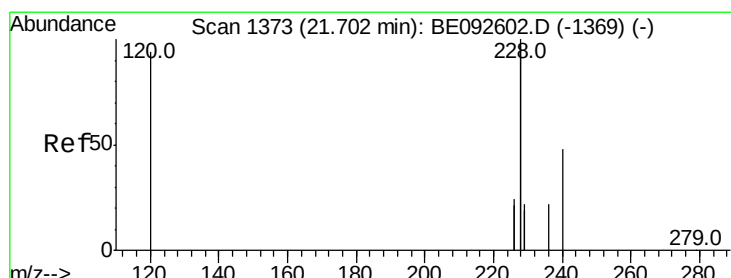
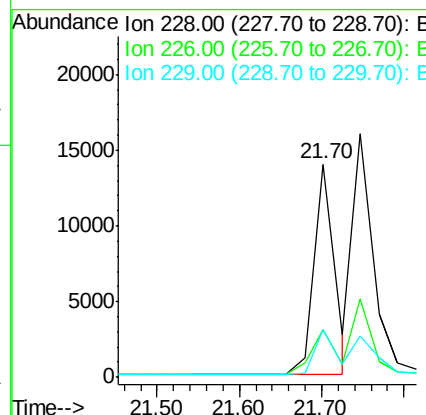
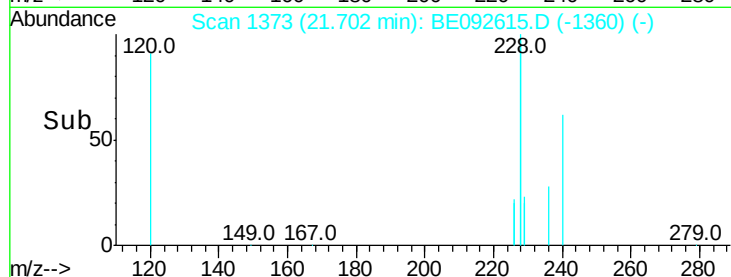
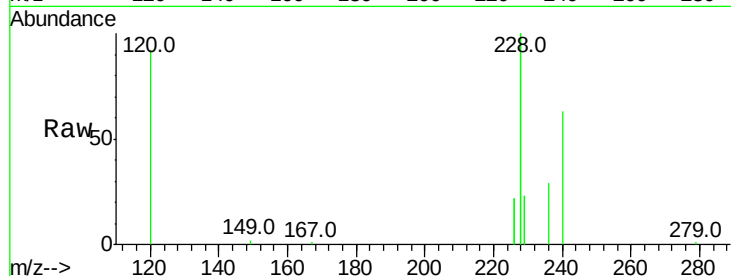
#27
Benzo(a)anthracene
Concen: 0.37 ng
RT: 21.70 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BE092615.D
Acq: 19 Dec 2016 19:46

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
228	100		
226	22.4	23.6	35.4#
229	22.6	13.3	19.9#

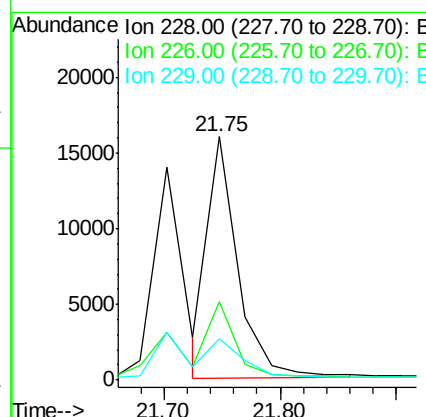
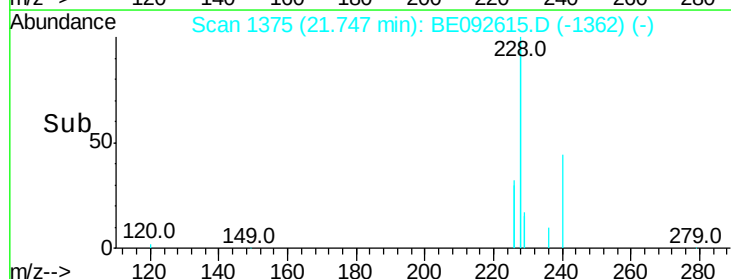
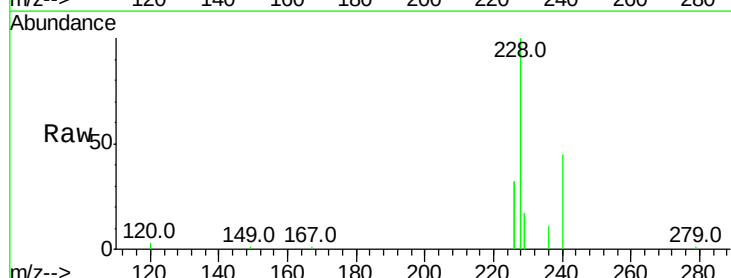
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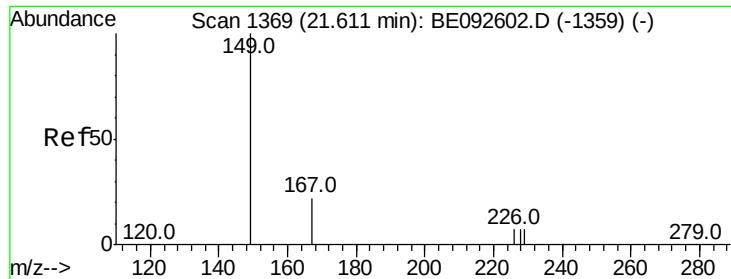
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#28
Chrysene
Concen: 0.39 ng m
RT: 21.75 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE092615.D
Acq: 19 Dec 2016 19:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	36.3	54.5#
229	17.1	10.6	16.0#





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.42 ng

RT: 21.61 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BE092615.D

Acq: 19 Dec 2016 19:46

Instrument :

BNA_E

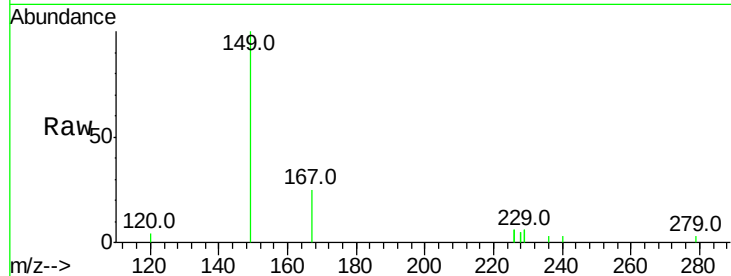
ClientSampleId :

SSTDCCC0.4EC

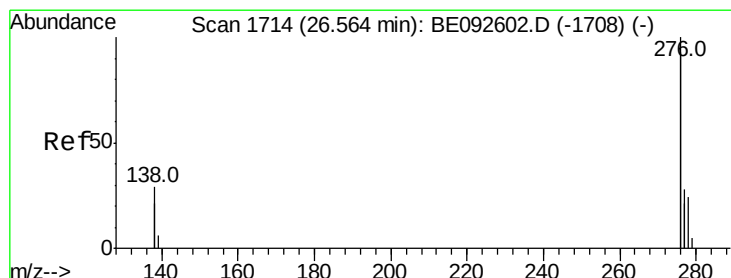
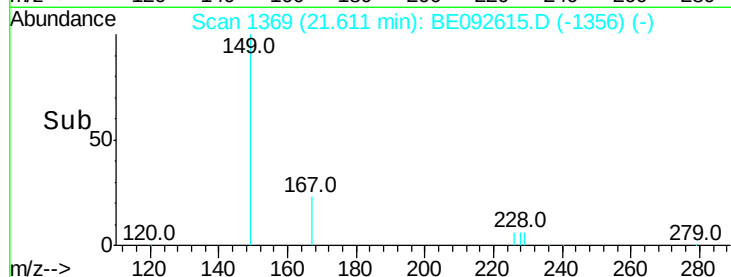
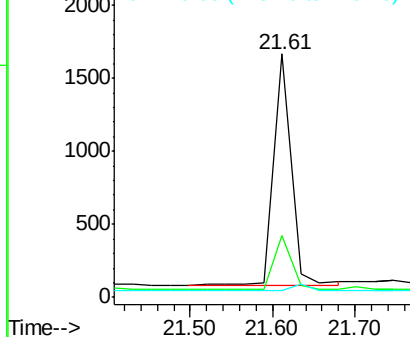
Tot Ion:	149	Resp:	2333
Ion Ratio	Lower	Upper	
149	100		
167	23.5	16.0	24.0
279	0.0	16.0	24.0#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#30

Indeno(1,2,3-cd)pyrene

Concen: 0.36 ng

RT: 26.57 min Scan# 1714

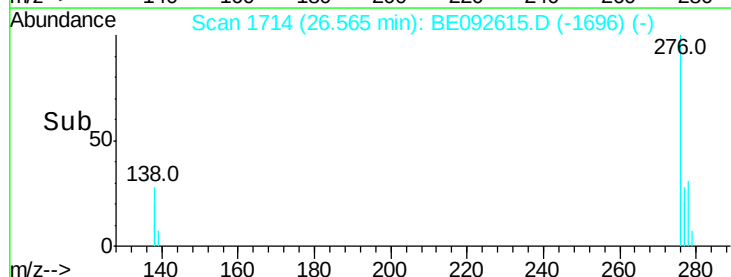
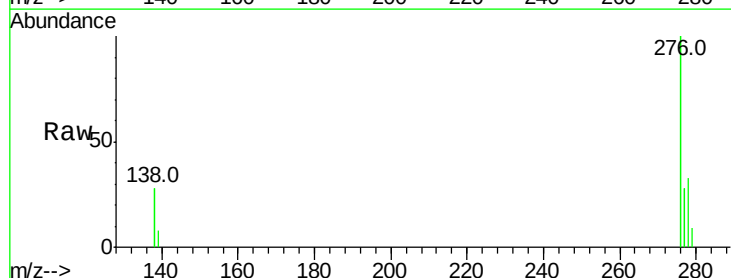
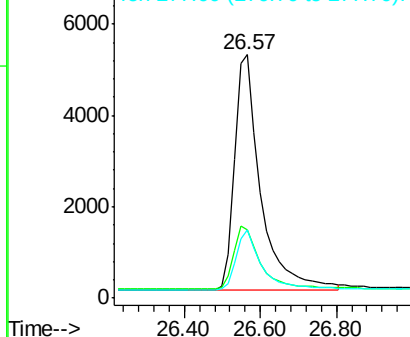
Delta R.T. 0.00 min

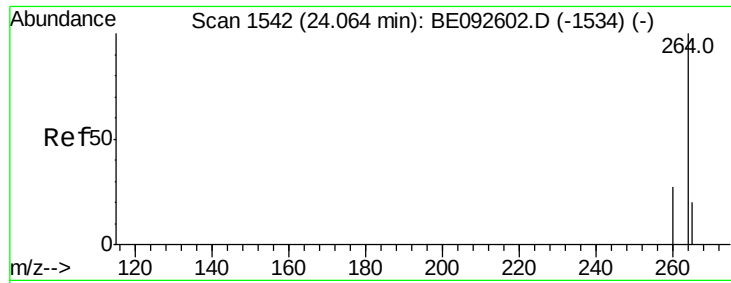
Lab File: BE092615.D

Acq: 19 Dec 2016 19:46

Tgt Ion:	276	Resp:	24878
Ion Ratio	Lower	Upper	
276	100		
138	27.9	20.3	30.5
277	24.5	19.7	29.5

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





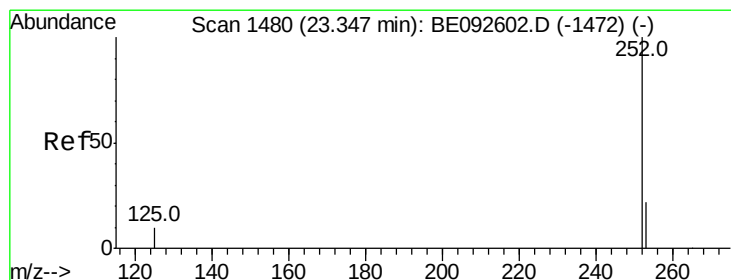
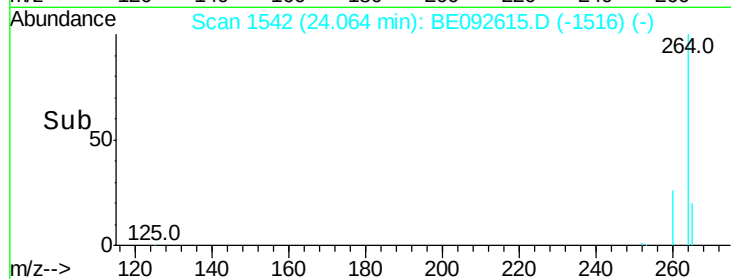
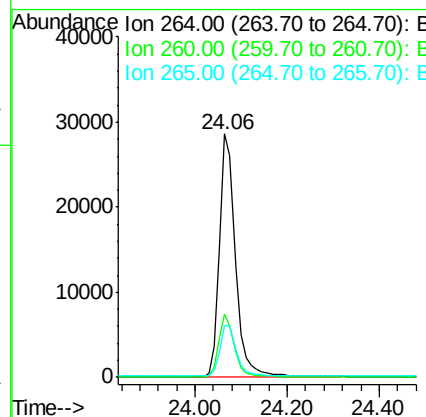
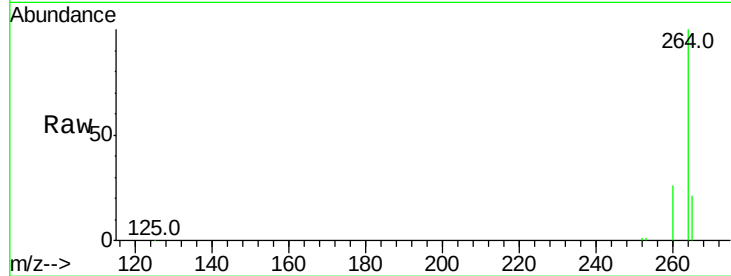
#31
Pervlene-d12
Concen: 5.00 ng
RT: 24.06 min Scan# 1542
Delta R.T. 0.00 min
Lab File: BE092615.D
Acq: 19 Dec 2016 19:46

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.2	20.1	30.1
265	21.0	17.9	26.9

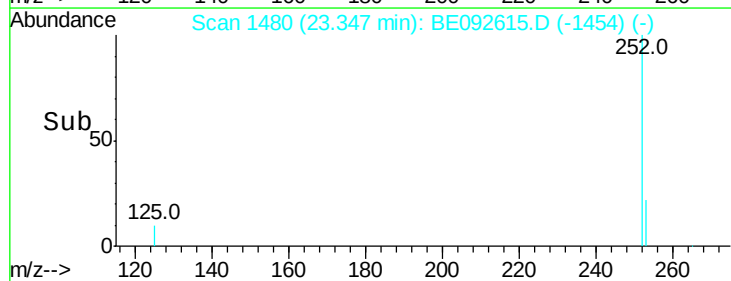
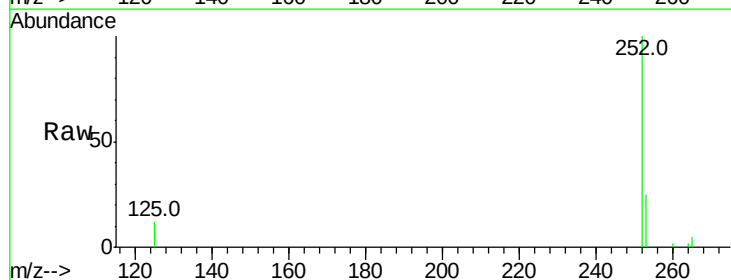
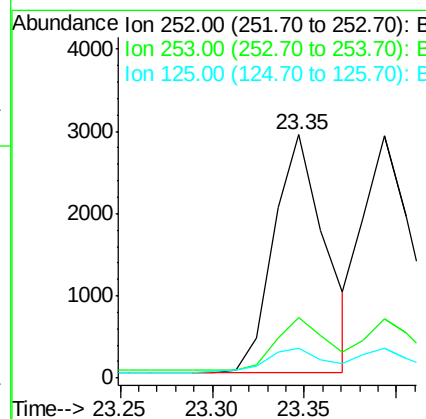
Manual Integrations
APPROVED

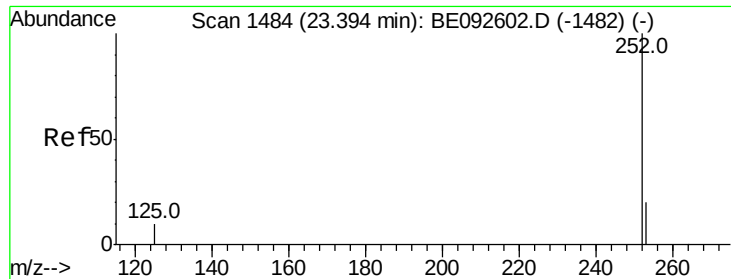
sohil
12/20/2016 6:33:46 PM



#32
Benzo(b)fluoranthene
Concen: 0.35 ng
RT: 23.35 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BE092615.D
Acq: 19 Dec 2016 19:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.7	28.1
125	12.2	10.5	15.7





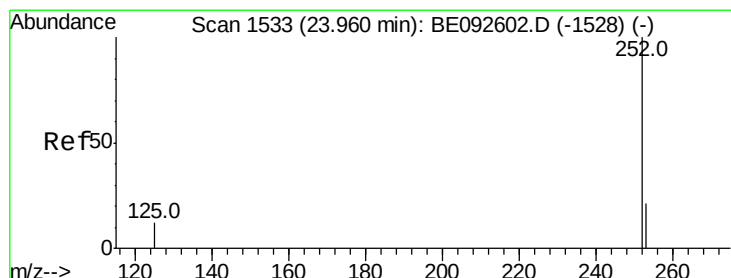
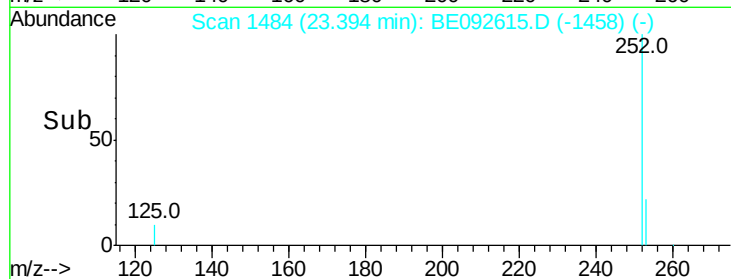
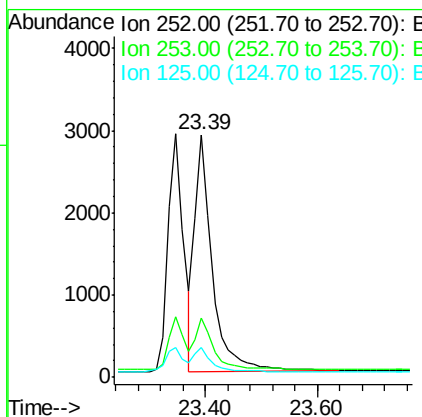
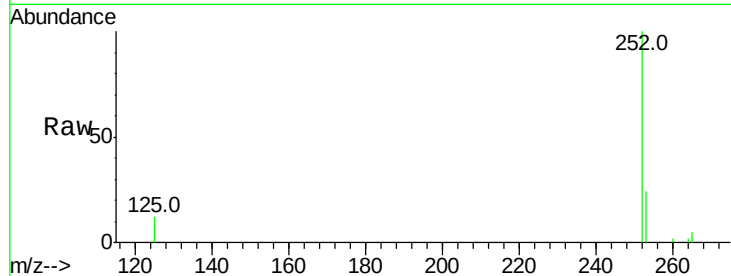
#33
Benzo(k)fluoranthene
Concen: 0.35 ng
RT: 23.39 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BE092615.D
Acq: 19 Dec 2016 19:46

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	20.3	30.5
125	12.4	9.6	14.4

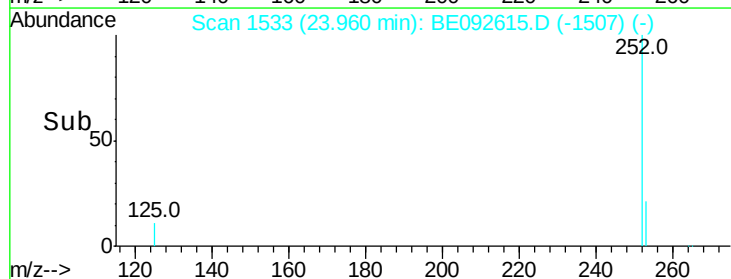
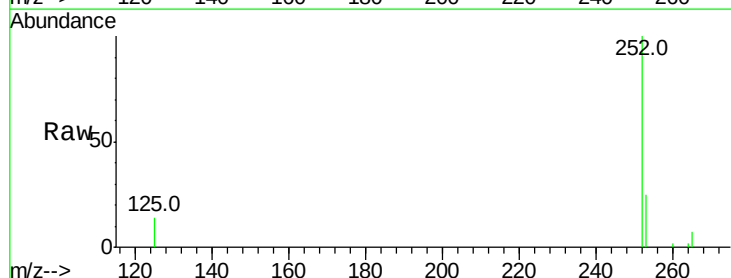
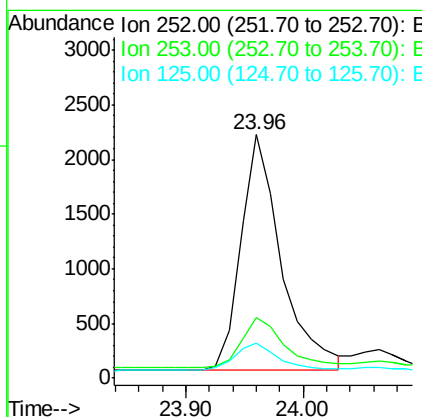
Manual Integrations
APPROVED

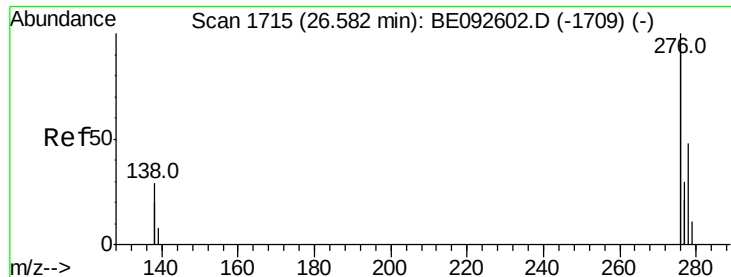
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#34
Benzo(a)pyrene
Concen: 0.34 ng
RT: 23.96 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BE092615.D
Acq: 19 Dec 2016 19:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	19.0	28.6
125	14.3	11.8	17.8





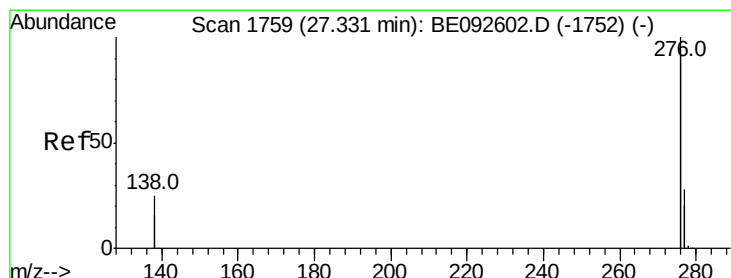
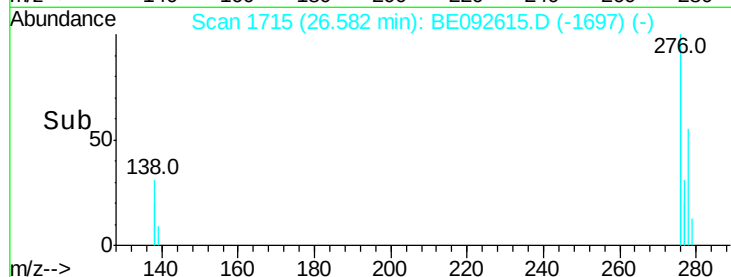
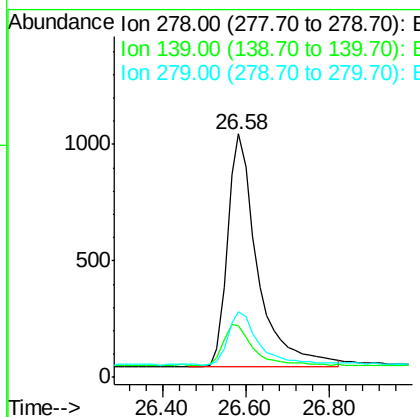
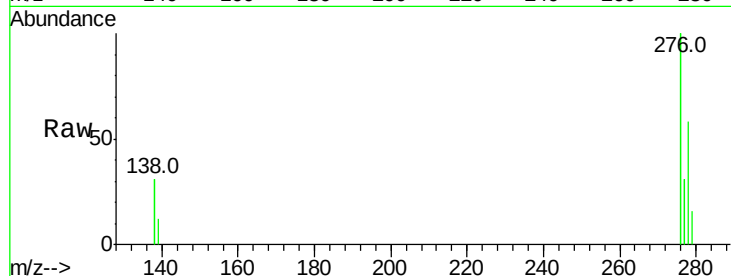
#35
Dibenzo(a,h)anthracene
Concen: 0.35 ng
RT: 26.58 min Scan# 1715
Delta R.T. 0.00 min
Lab File: BE092615.D
Acq: 19 Dec 2016 19:46

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
278	100		
139	21.1	13.8	20.8#
279	27.2	21.4	32.2

Manual Integrations
APPROVED

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#36
Benzo(g,h,i)perylene
Concen: 0.36 ng
RT: 27.31 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BE092615.D
Acq: 19 Dec 2016 19:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.1	19.8	29.8
138	26.7	19.8	29.6

