

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042716\
 Data File : BE091726.D
 Acq On : 27 Apr 2016 15:03
 Operator : UM/SJ
 Sample : H2661-01MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CEDAR-HILL-TF-PS-001MS

Manual Integrations
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 4/28/2016 1:42:15 PM

Quant Time: Apr 28 03:39:32 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 26 16:09:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	39535	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	184550	5.00	ng	0.00
13) Acenaphthene-d10	14.41	164	111494	5.00	ng	-0.01
19) Phenanthrene-d10	17.15	188	310535	5.00	ng	0.00
26) Chrysene-d12	21.31	240	301574	5.00	ng	0.00
35) Perylene-d12	23.75	264	316600	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	61886	6.37	ng	0.00
5) Phenol-d6	6.95	99	93261	7.24	ng	0.00
8) Nitrobenzene-d5	8.95	82	42364	3.56	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	29913	7.22	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	116464	3.69	ng	0.00
29) Terphenyl-d14	19.76	244	198662	4.22	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	11990	2.56	ng	# 88
3) n-Nitrosodimethylamine	3.63	42	21417	2.98	ng	92
6) bis(2-Chloroethyl)ether	7.21	93	34191	3.02	ng	# 75
9) Nitrobenzene	8.99	77	38991	3.13	ng	93
10) Naphthalene	10.61	128	114464	3.07	ng	97
11) Hexachlorobutadiene	10.92	225	17933	3.26	ng	97
12) 2-Methylnaphthalene	12.23	142	82873	3.46	ng	97
16) Acenaphthylene	14.12	152	149839	3.49	ng	# 86
17) Acenaphthene	14.47	154	95309	3.43	ng	98
18) Fluorene	15.45	166	118775	3.44	ng	98
20) 4-Bromophenyl-phenylether	16.33	248	33700	3.02	ng	96
21) Hexachlorobenzene	16.45	284	32597	2.92	ng	96
22) Pentachlorophenol	16.79	266	36780	6.11	ng	89
23) Phenanthrene	17.18	178	211650	3.00	ng	99
24) Anthracene	17.27	178	205571	3.23	ng	99
25) Fluoranthene	19.19	202	253223	3.43	ng	# 97
27) Benzidine	19.38	184	24237	1.15	ng	# 78
28) Pyrene	19.55	202	279109	4.10	ng	99
30) Benzo(a)anthracene	21.29	228	254039	3.45	ng	# 91
31) 3,3'-Dichlorobenzidine	21.22	252	53461	1.42	ng	# 84
32) Chrysene	21.34	228	294772m	3.85	ng	
33) Bis(2-ethylhexyl)phthalate	21.20	149	156180	7.00	ng	# 86
34) Indeno(1,2,3-cd)pyrene	26.29	276	267397	3.92	ng	96
36) Benzo(b)fluoranthene	22.99	252	283686	3.82	ng	97
37) Benzo(k)fluoranthene	23.05	252	236804m	3.14	ng	
38) Benzo(a)pyrene	23.63	252	245244	3.51	ng	# 96
39) Dibenzo(a,h)anthracene	26.32	278	222011	3.35	ng	96
40) Benzo(g,h,i)perylene	27.08	276	224432	3.34	ng	96

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

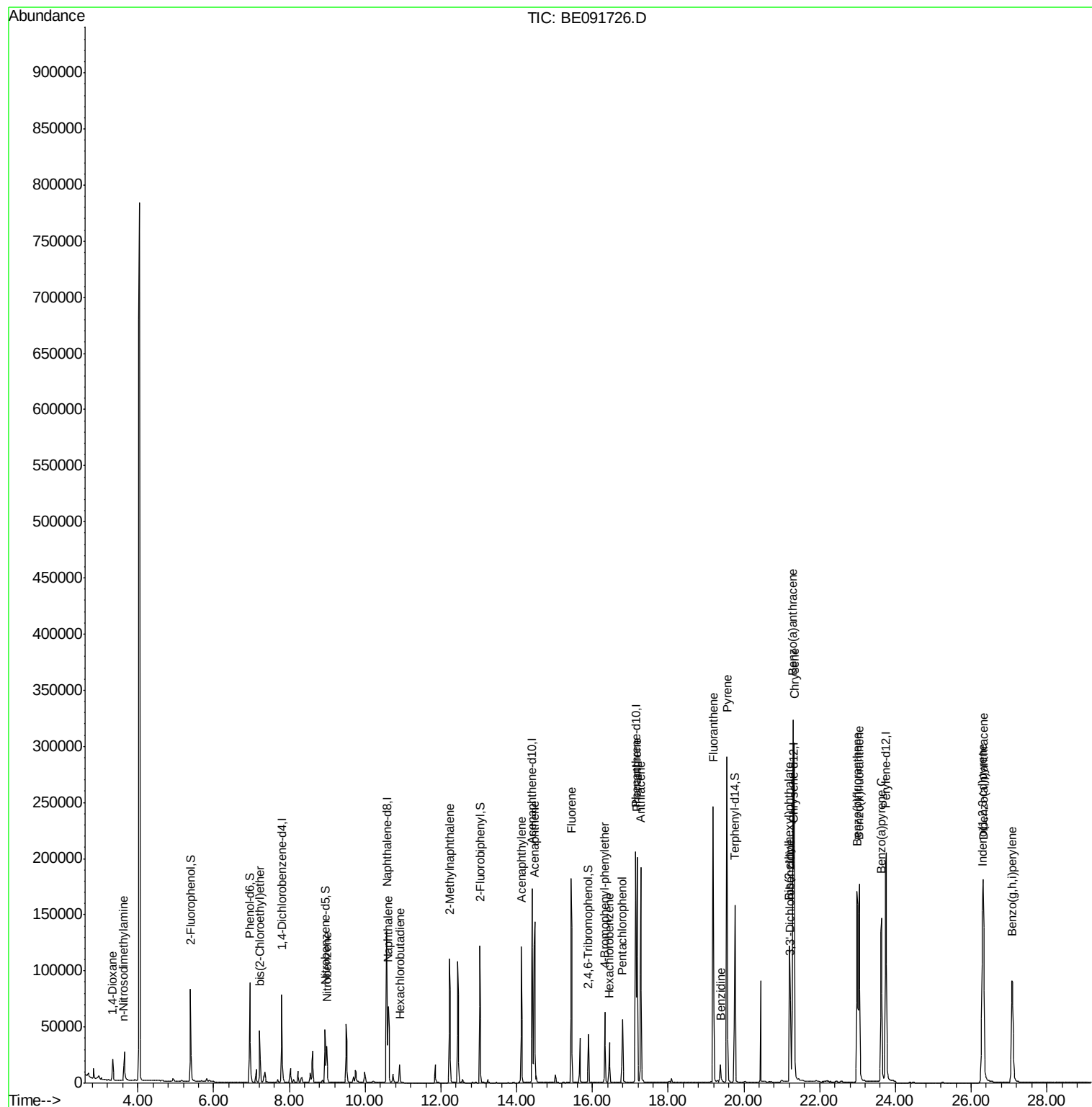
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042716\
Data File : BE091726.D
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ALS Vial : 19 Sample Multiplier: 1

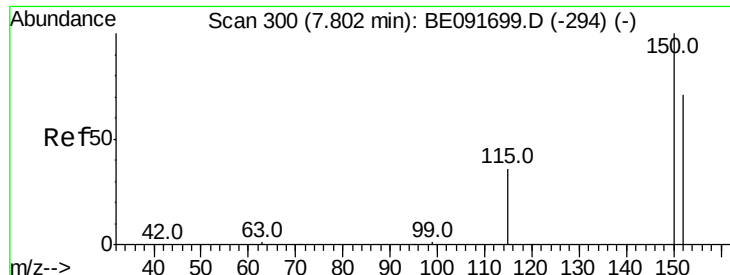
Instrument :
BNA_E
ClientSampleId :
CEDAR-HILL-TF-PS-001MS

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Quant Time: Apr 28 03:39:32 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042616.M
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QLast Update : Tue Apr 26 16:09:46 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 300

Delta R.T. -0.00 min

Lab File: BE091726.D

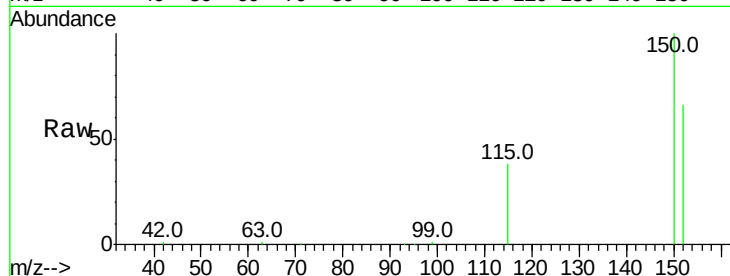
Acq: 27 Apr 2016 15:03

Instrument :

BNA_E

ClientSampleId :

CEDAR-HILL-TF-PS-001MS



Tot Ion:152 Resp: 39535

Ion Ratio Lower Upper

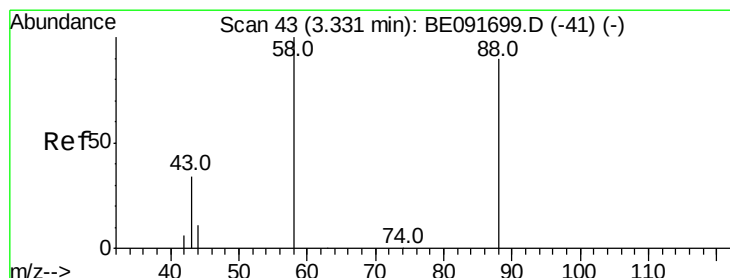
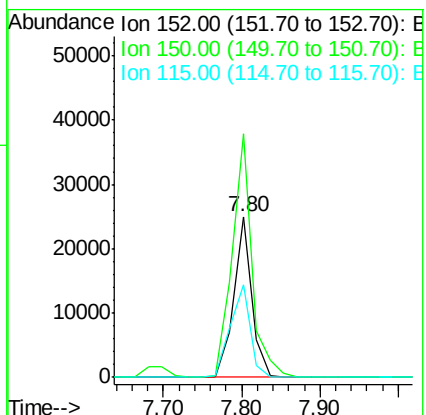
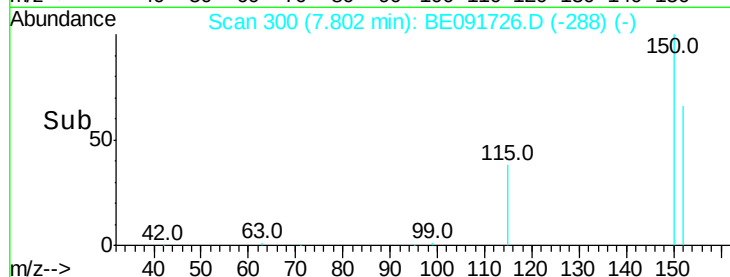
152 100

150 151.8 122.6 183.8

115 57.7 52.8 79.2

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#2

1,4-Dioxane

Concen: 2.56 ng

RT: 3.33 min Scan# 43

Delta R.T. 0.00 min

Lab File: BE091726.D

Acq: 27 Apr 2016 15:03

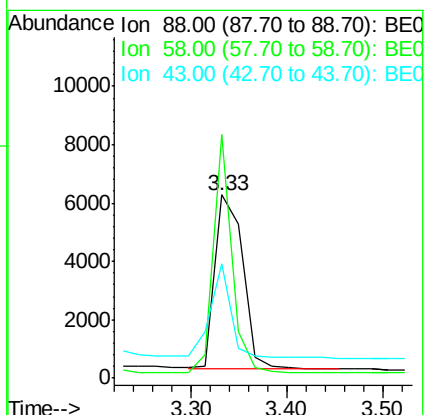
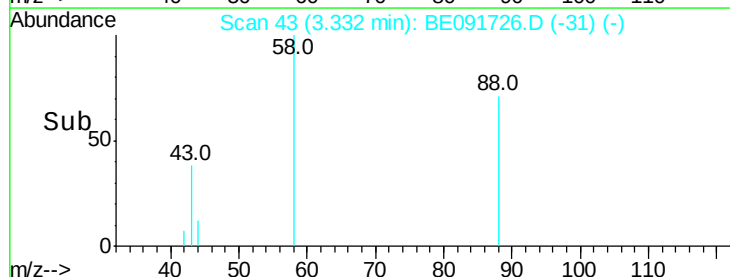
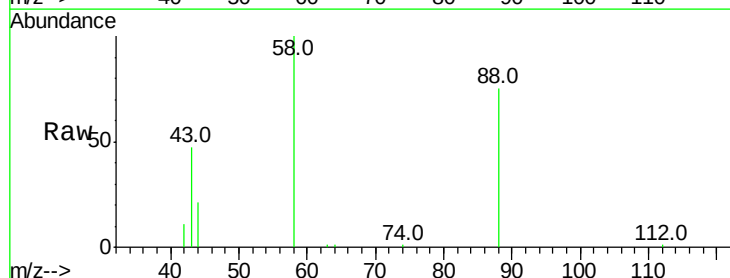
Tgt Ion: 88 Resp: 11990

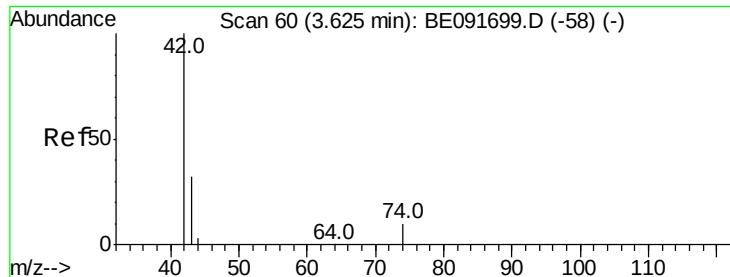
Ion Ratio Lower Upper

88 100

58 90.3 65.8 98.6

43 42.6 25.3 37.9#





#3

n-Nitrosodimethylamine

Concen: 2.98 ng

RT: 3.63 min Scan# 60

Delta R.T. 0.00 min

Lab File: BE091726.D

Acq: 27 Apr 2016 15:03

Instrument :

BNA_E

ClientSampleId :

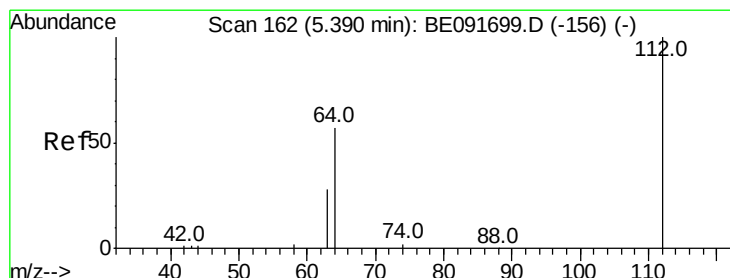
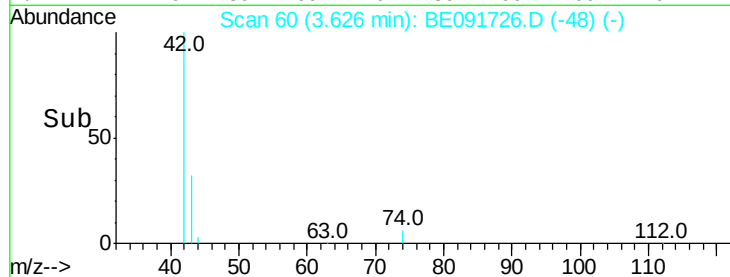
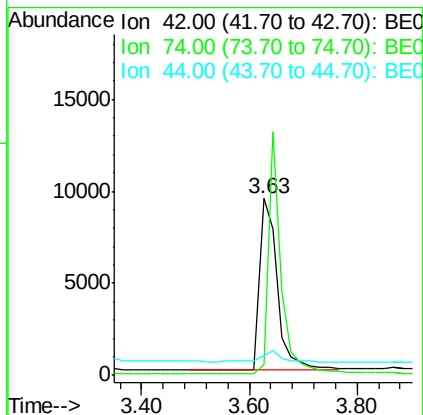
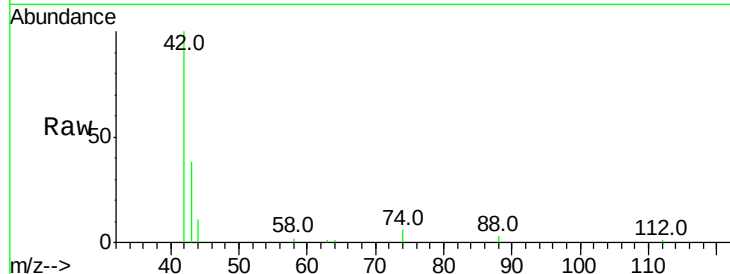
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Tot Ion:	42	Resp:	21417
Ion	Ratio	Lower	Upper
42	100		
74	101.0	87.9	131.9
44	6.7	6.6	9.8



#4

2-Fluorophenol

Concen: 6.37 ng

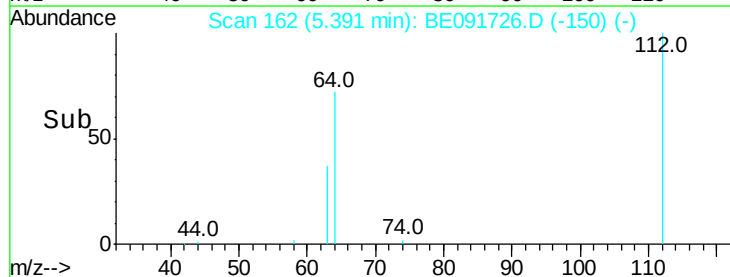
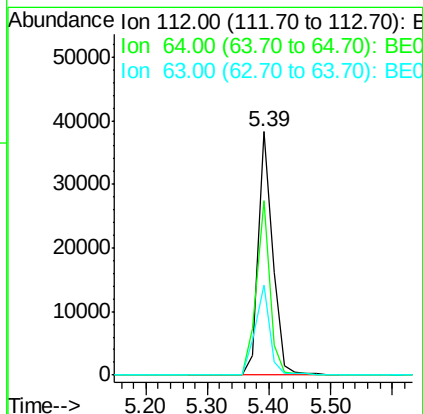
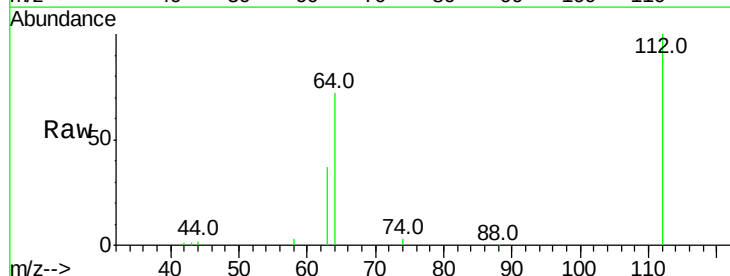
RT: 5.39 min Scan# 162

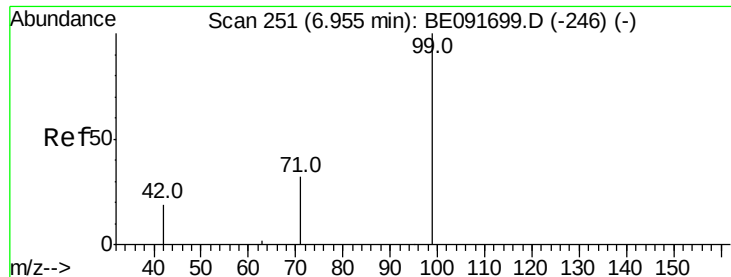
Delta R.T. 0.00 min

Lab File: BE091726.D

Acq: 27 Apr 2016 15:03

Tgt Ion:	112	Resp:	61886
Ion	Ratio	Lower	Upper
112	100		
64	68.0	30.9	46.3#
63	37.0	16.7	25.1#





#5

Phenol-d6

Concen: 7.24 ng

RT: 6.95 min Scan# 251

Delta R.T. -0.00 min

Lab File: BE091726.D

Acq: 27 Apr 2016 15:03

Instrument :

BNA_E

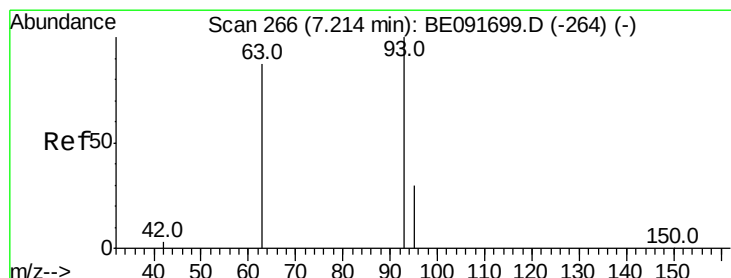
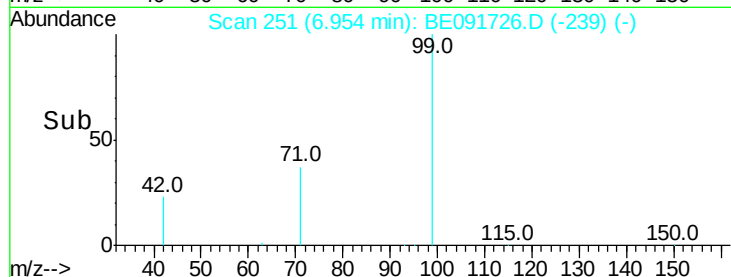
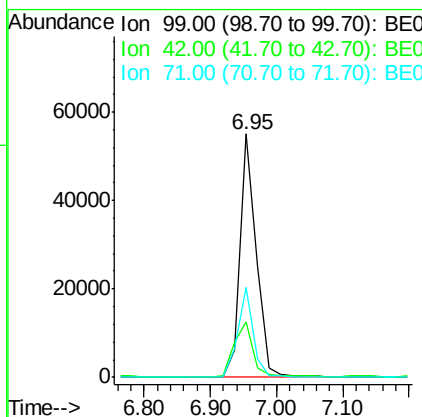
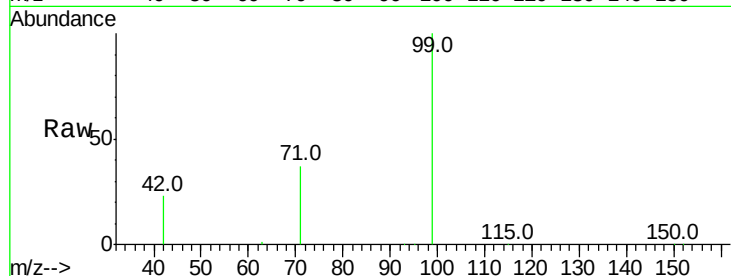
ClientSampleId :

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Tot Ion:	99	Resp:	93261
Ion Ratio	Lower	Upper	
99	100		
42	25.6	16.2	24.2#
71	35.5	29.0	43.4

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#6

bis(2-Chloroethyl)ether

Concen: 3.02 ng

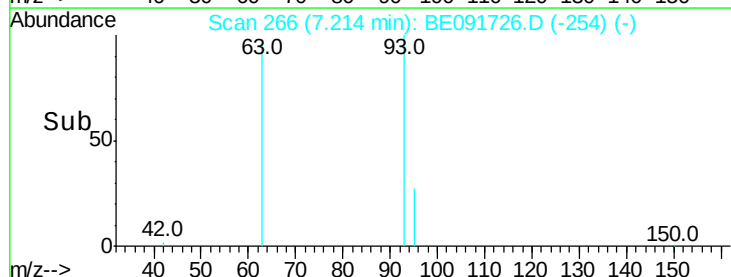
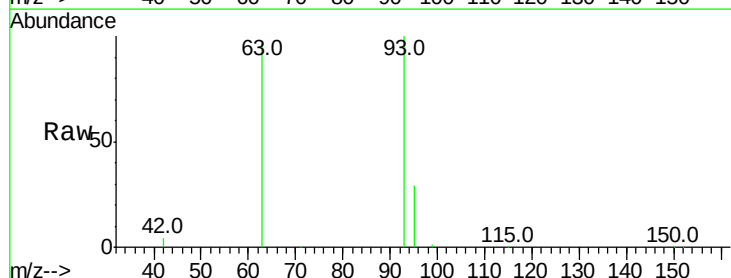
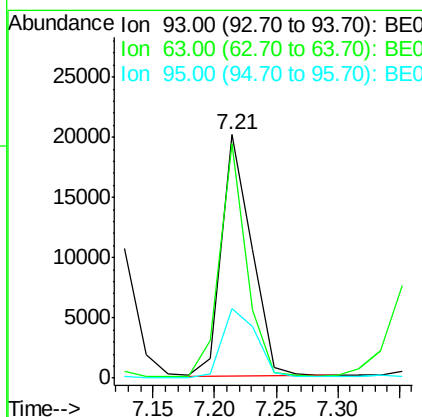
RT: 7.21 min Scan# 266

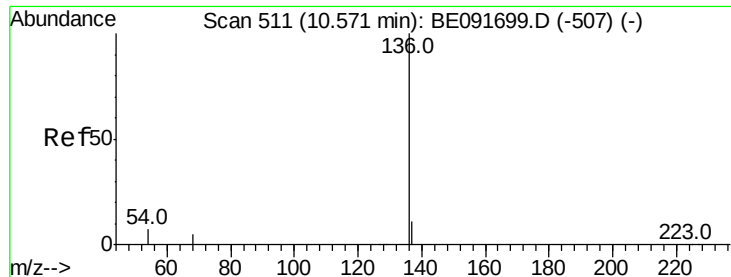
Delta R.T. -0.00 min

Lab File: BE091726.D

Acq: 27 Apr 2016 15:03

Tgt Ion:	93	Resp:	34191
Ion Ratio	Lower	Upper	
93	100		
63	86.9	49.5	74.3#
95	32.4	22.2	33.4





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.57 min Scan# 511

Delta R.T. -0.00 min

Lab File: BE091726.D

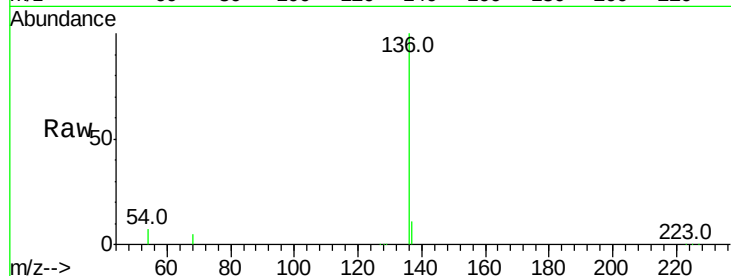
Acq: 27 Apr 2016 15:03

Instrument :

BNA_E

ClientSampleId :

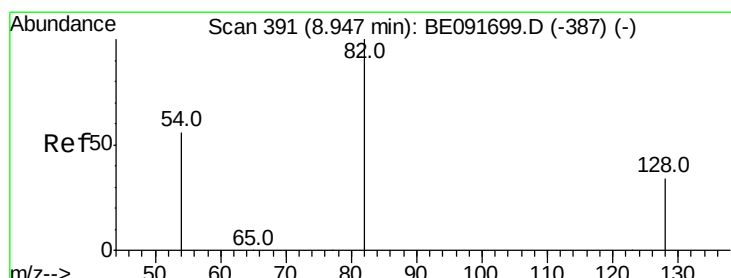
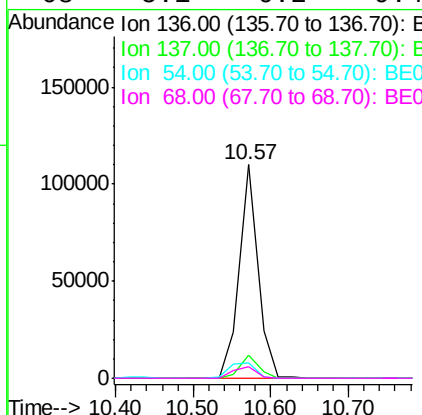
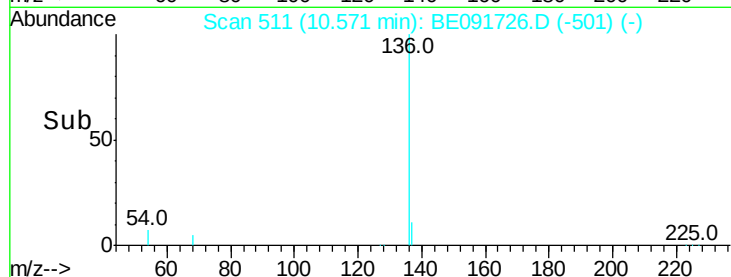
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Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.9	13.3	
54	6.9	8.2	12.4	
68	5.1	6.2	9.4	

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#8

Nitrobenzene-d5

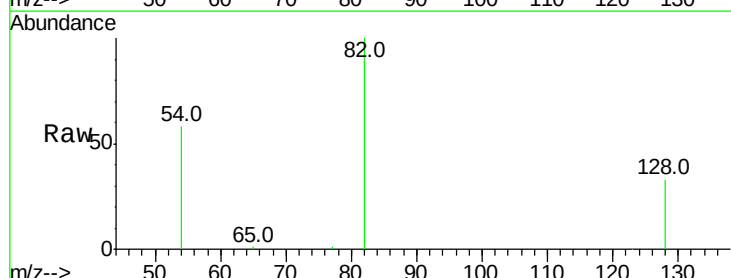
Concen: 3.56 ng

RT: 8.95 min Scan# 391

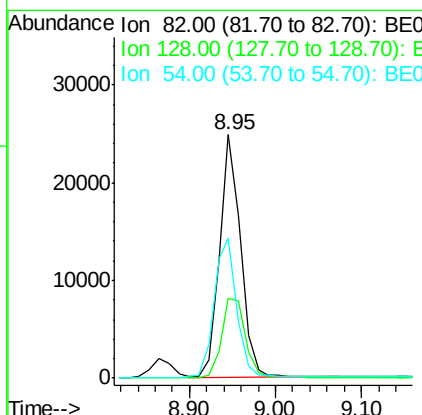
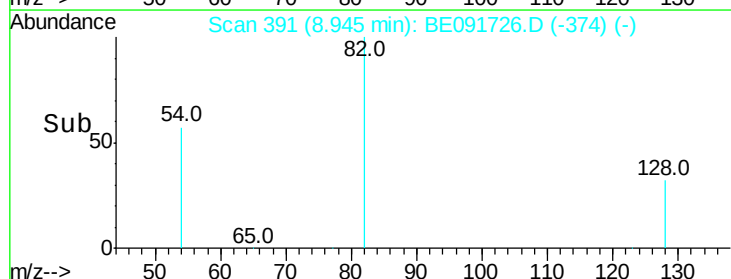
Delta R.T. -0.00 min

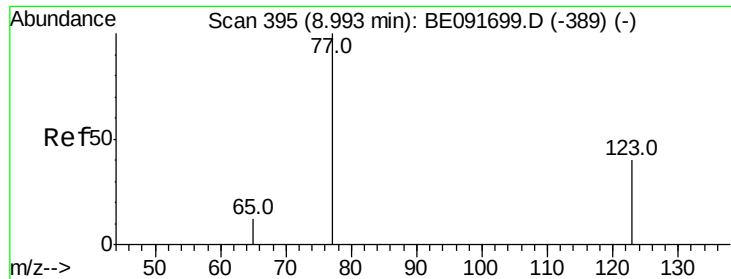
Lab File: BE091726.D

Acq: 27 Apr 2016 15:03



Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	32.6	25.4	38.0	
54	57.7	48.4	72.6	





#9

Nitrobenzene

Concen: 3.13 ng

RT: 8.99 min Scan# 395

Delta R.T. -0.00 min

Lab File: BE091726.D

Acq: 27 Apr 2016 15:03

Instrument :

BNA_E

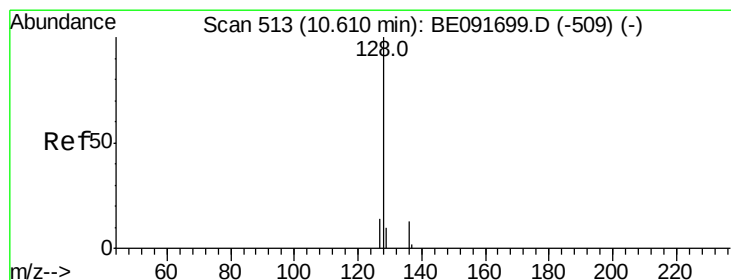
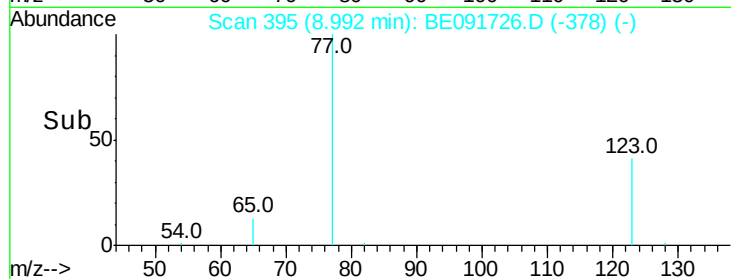
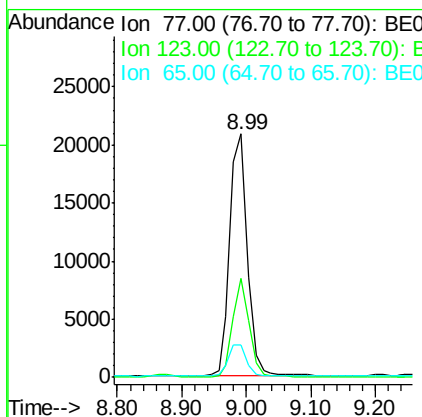
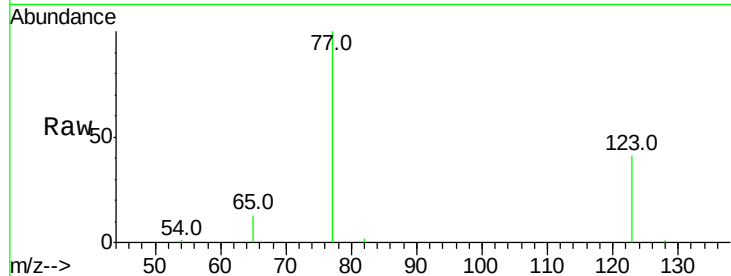
ClientSampleId :

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Tot Ion:	77	Resp:	38991
Ion Ratio	Lower	Upper	
77	100		
123	37.8	26.9	40.3
65	14.1	9.4	14.2

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#10

Naphthalene

Concen: 3.07 ng

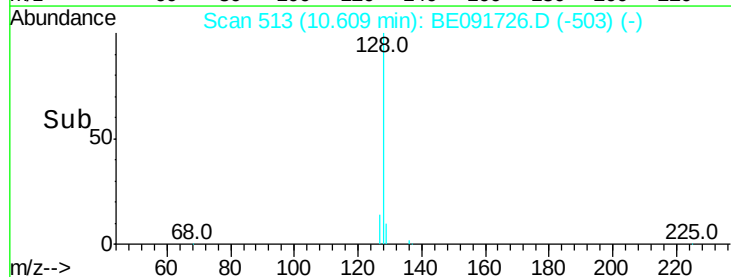
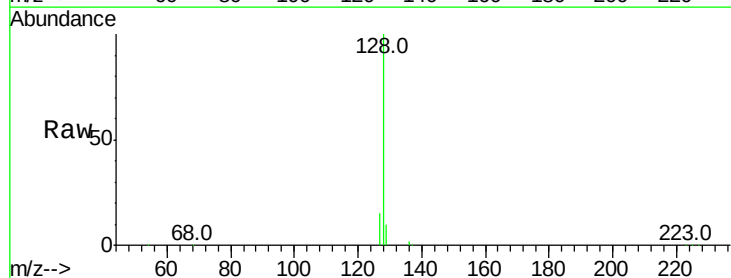
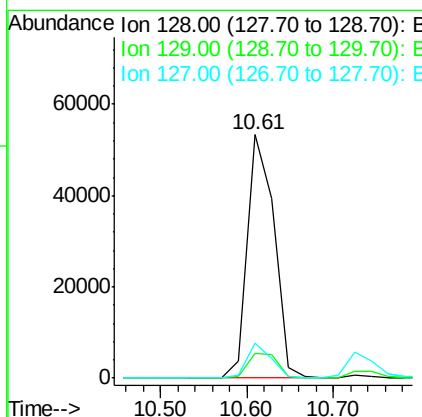
RT: 10.61 min Scan# 513

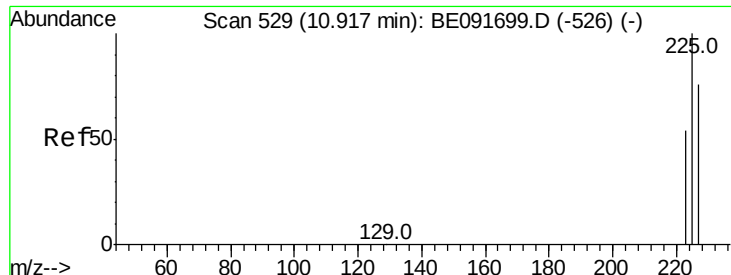
Delta R.T. -0.00 min

Lab File: BE091726.D

Acq: 27 Apr 2016 15:03

Tgt Ion:	128	Resp:	114464
Ion Ratio	Lower	Upper	
128	100		
129	10.2	9.3	13.9
127	14.5	10.7	16.1





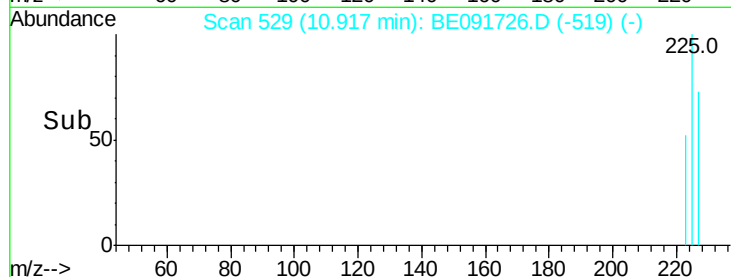
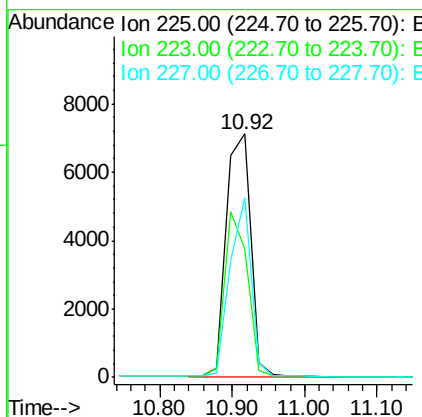
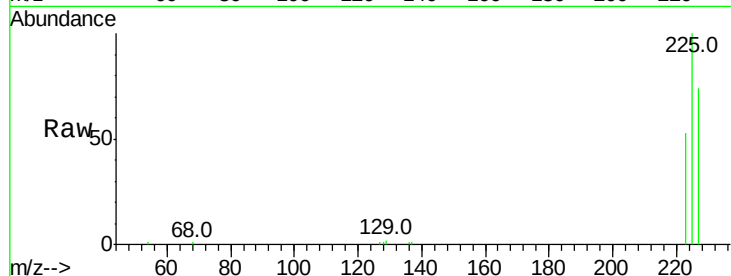
#11
Hexachlorobutadiene
Concen: 3.26 ng
RT: 10.92 min Scan# 529
Delta R.T. -0.00 min
Lab File: BE091726.D
Acq: 27 Apr 2016 15:03

Instrument :
BNA_E
ClientSampleId :
CEDAR-HILL-TF-PS-001MS

Tot Ion	Ratio	Lower	Upper
225	100		
223	64.0	49.0	73.6
227	64.8	50.3	75.5

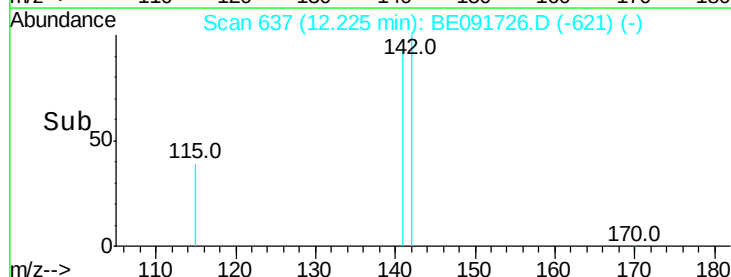
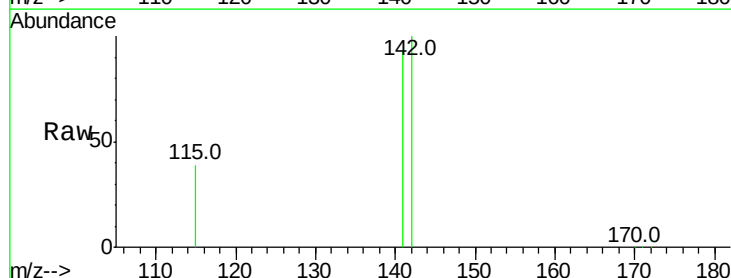
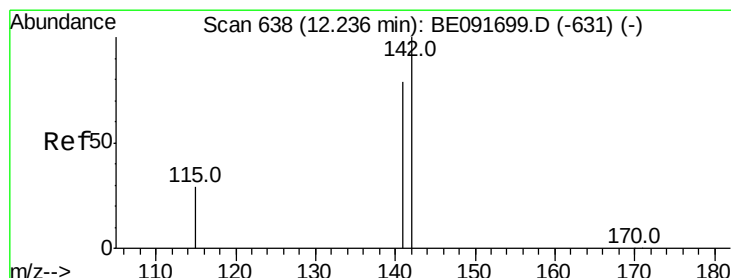
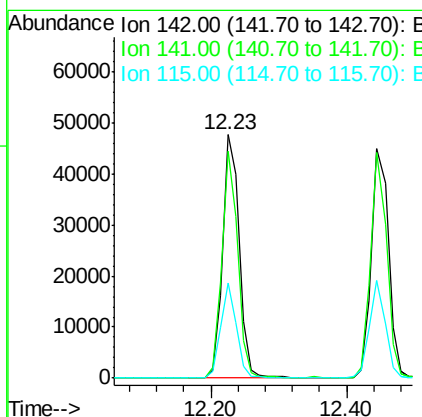
Manual Integrations
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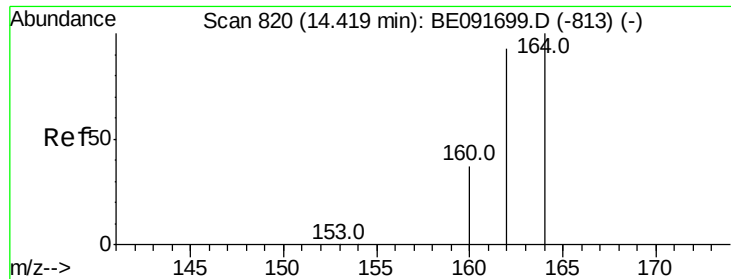
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#12
2-Methylnaphthalene
Concen: 3.46 ng
RT: 12.23 min Scan# 637
Delta R.T. -0.01 min
Lab File: BE091726.D
Acq: 27 Apr 2016 15:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	71.4	107.0
115	39.0	30.3	45.5





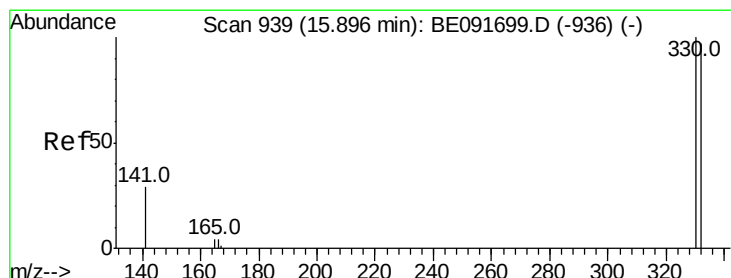
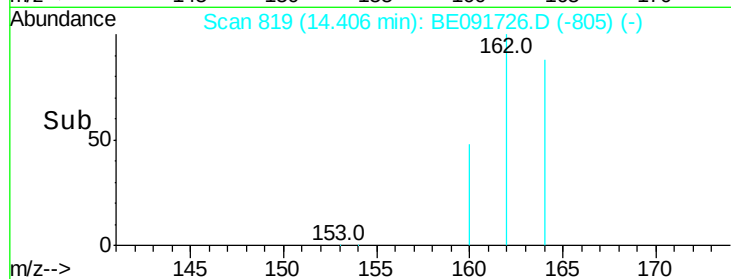
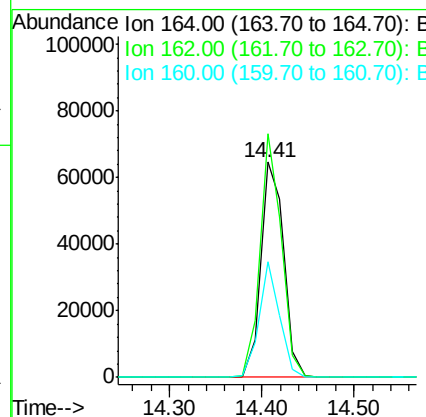
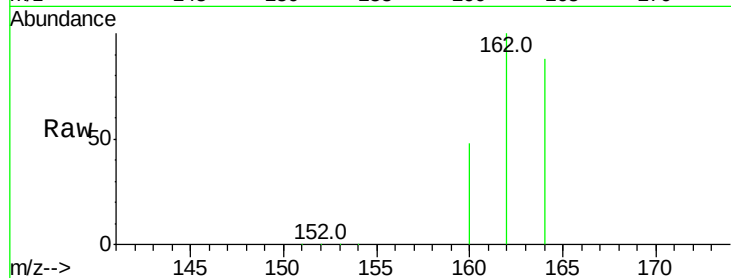
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.41 min Scan# 819
Delta R.T. -0.01 min
Lab File: BE091726.D
Acq: 27 Apr 2016 15:03

Instrument :
BNA_E
ClientSampleId :
CEDAR-HILL-TF-PS-001MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	113.1	85.3	127.9
160	54.0	46.2	69.2

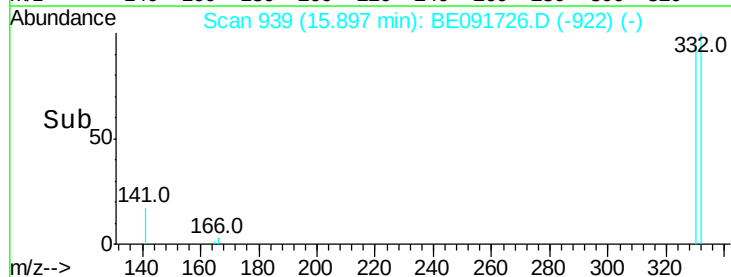
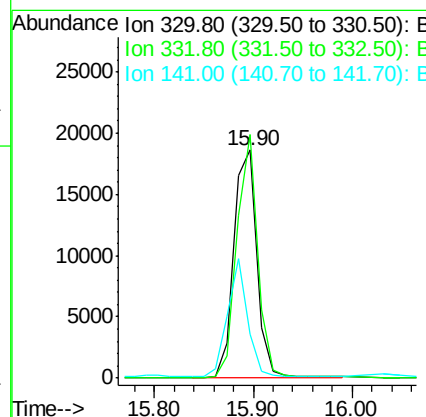
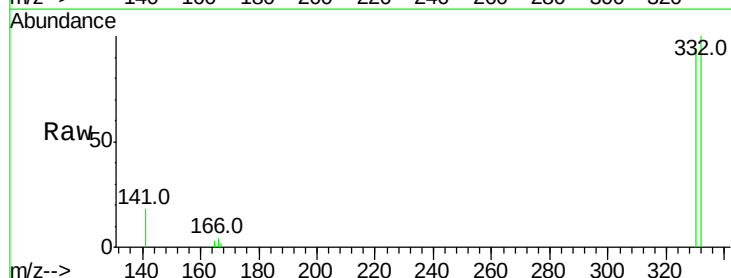
Manual Integrations
APPROVED

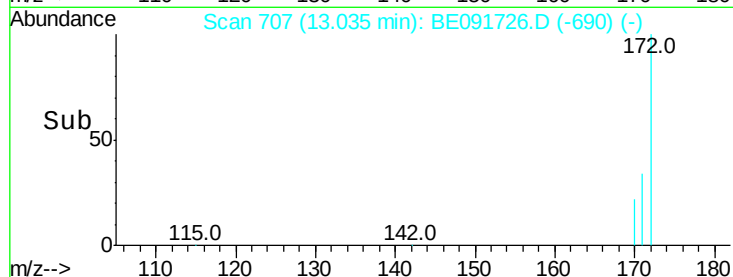
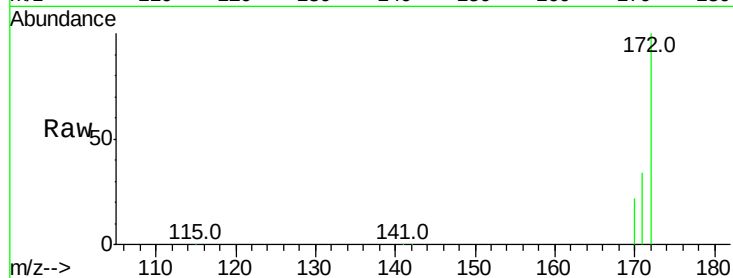
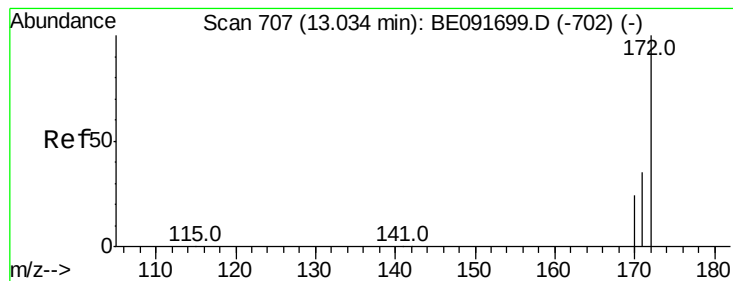
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#14
2,4,6-Tribromophenol
Concen: 7.22 ng
RT: 15.90 min Scan# 939
Delta R.T. 0.00 min
Lab File: BE091726.D
Acq: 27 Apr 2016 15:03

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	79.1	118.7
141	45.0	125.4	188.0





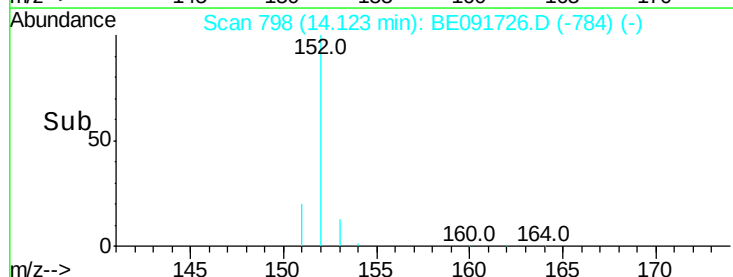
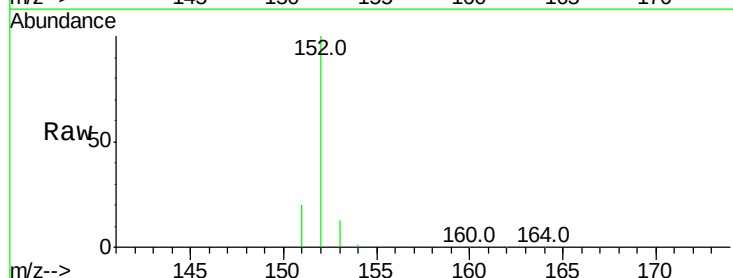
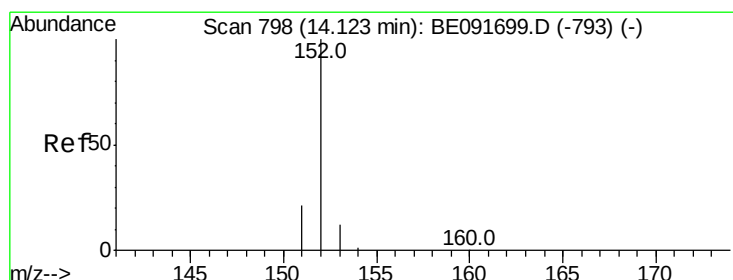
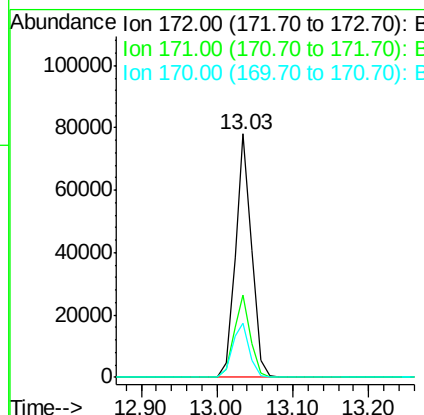
#15
2-Fluorobiphenyl
Concen: 3.69 ng
RT: 13.03 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE091726.D
Acq: 27 Apr 2016 15:03

Tot Ion	Ratio	Resp	Lower	Upper
172	100	116464		
171	34.0	28.8	43.2	
170	22.0	19.3	28.9	

Instrument :
BNA_E
ClientSampleId :
CEDAR-HILL-TF-PS-001MS

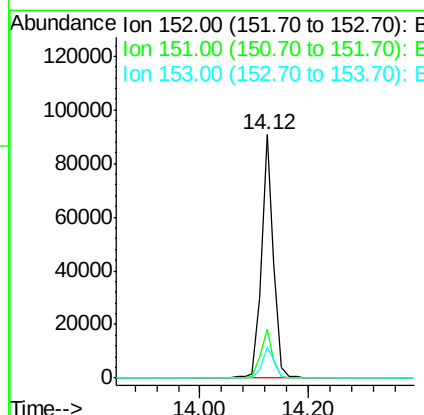
Manual Integrations
APPROVED

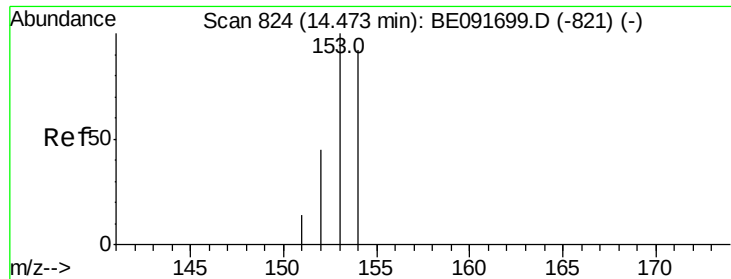
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#16
Acenaphthylene
Concen: 3.49 ng
RT: 14.12 min Scan# 798
Delta R.T. 0.00 min
Lab File: BE091726.D
Acq: 27 Apr 2016 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	149839		
151	20.2	3.9	5.9#	
153	13.6	10.3	15.5	





#17

Acenaphthene

Concen: 3.43 ng

RT: 14.47 min Scan# 824

Delta R.T. 0.00 min

Lab File: BE091726.D

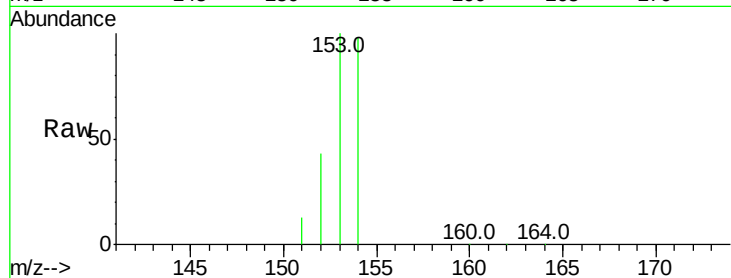
Acq: 27 Apr 2016 15:03

Instrument :

BNA_E

ClientSampleId :

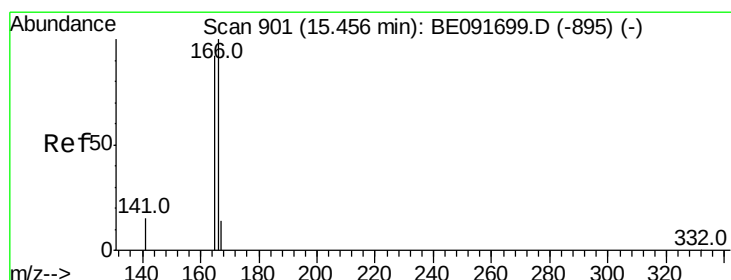
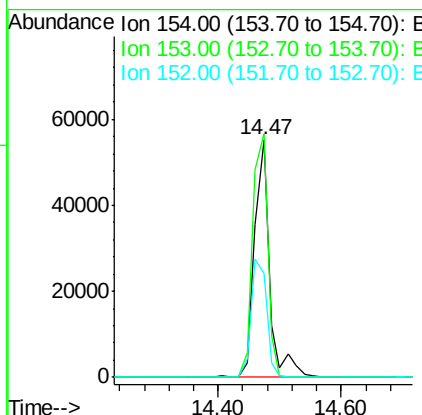
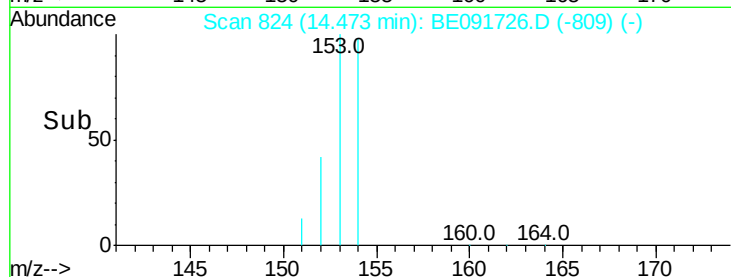
CEDAR-HILL-TF-PS-001MS



Tot Ion:	154	Resp:	95309
Ion	Ratio	Lower	Upper
154	100		
153	102.8	80.0	120.0
152	50.7	40.0	60.0

Manual Integrations
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#18

Fluorene

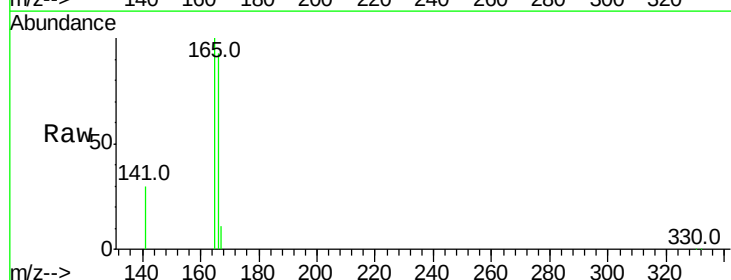
Concen: 3.44 ng

RT: 15.45 min Scan# 900

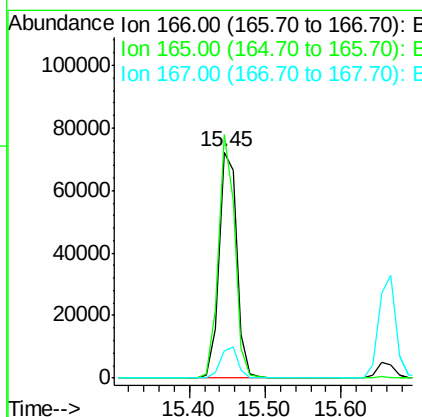
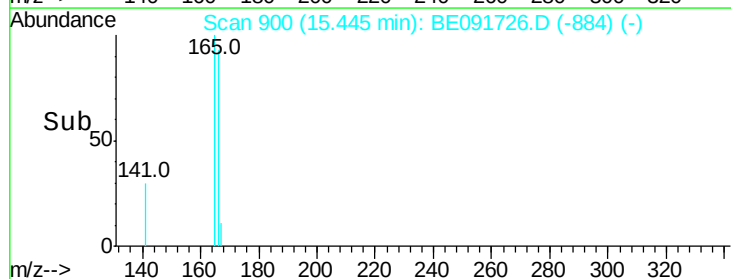
Delta R.T. -0.01 min

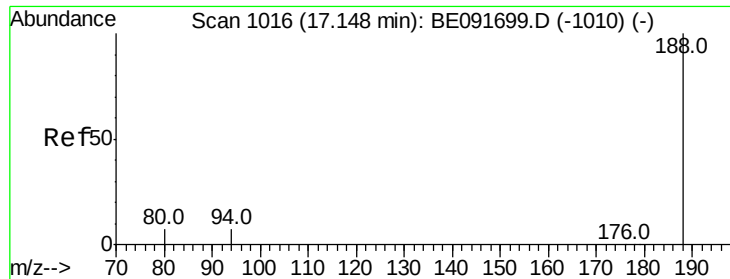
Lab File: BE091726.D

Acq: 27 Apr 2016 15:03



Tgt Ion:	166	Resp:	118775
Ion	Ratio	Lower	Upper
166	100		
165	98.9	80.8	121.2
167	13.4	10.9	16.3





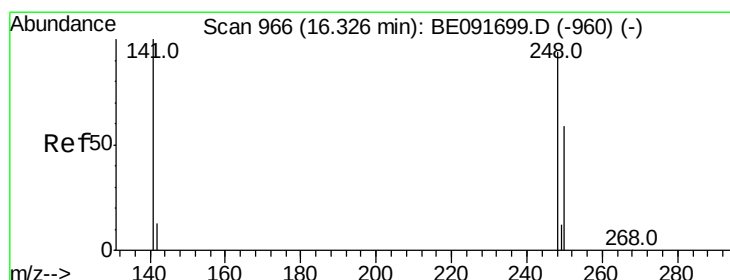
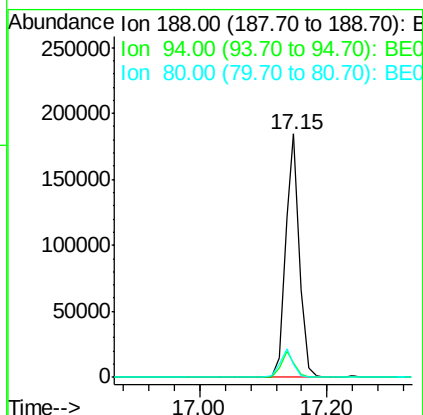
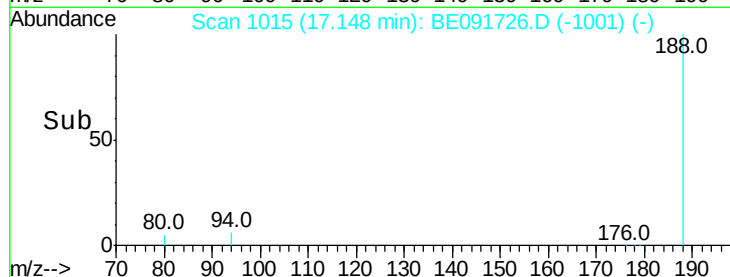
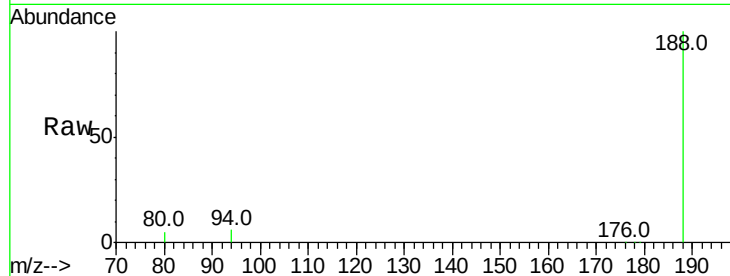
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BE091726.D
Acq: 27 Apr 2016 15:03

Instrument :
BNA_E
ClientSampleId :
CEDAR-HILL-TF-PS-001MS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	6.1	8.7	13.1#
80	5.4	9.4	14.0#

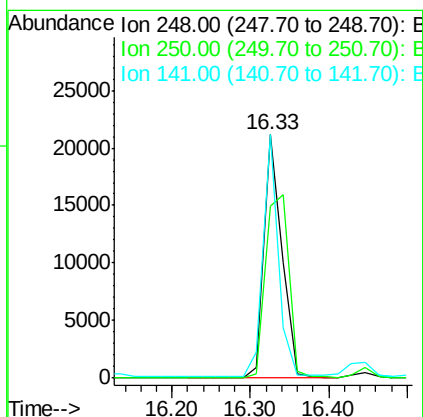
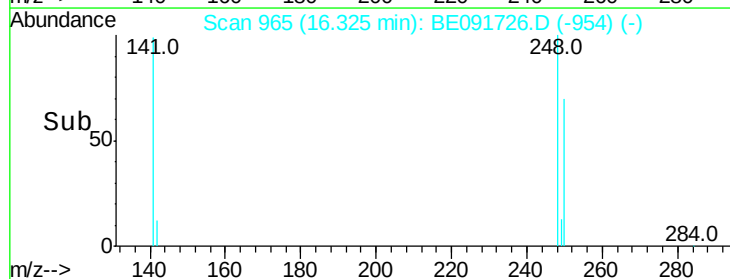
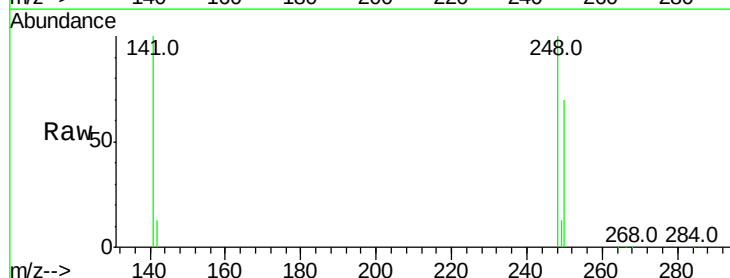
Manual Integrations
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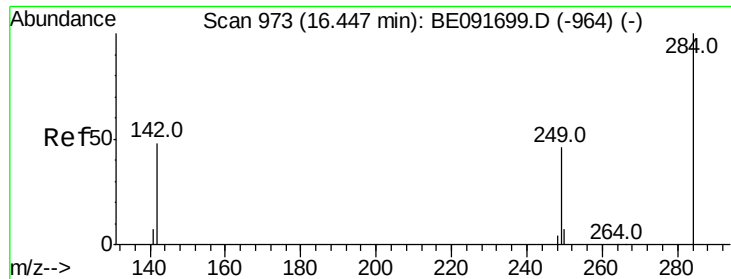
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#20
4-Bromophenyl-phenylether
Concen: 3.02 ng
RT: 16.33 min Scan# 965
Delta R.T. -0.00 min
Lab File: BE091726.D
Acq: 27 Apr 2016 15:03

Tgt Ion	Ratio	Resp Lower	Upper
248	100		
250	97.7	80.5	120.7
141	85.1	72.0	108.0





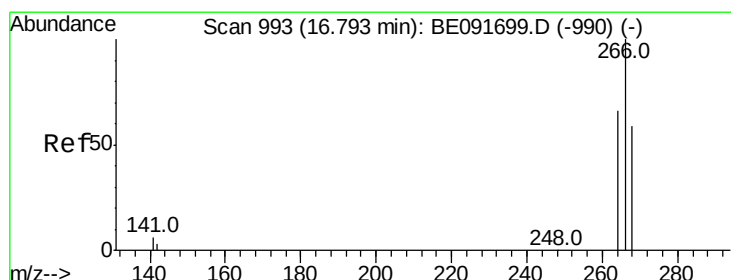
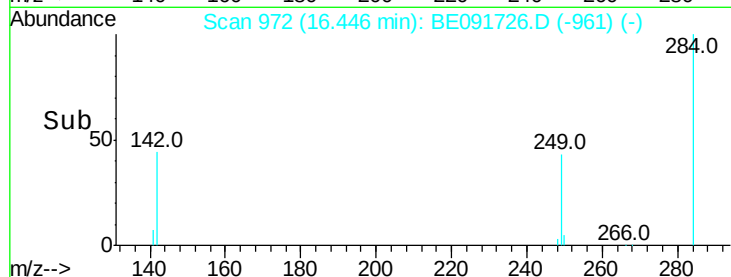
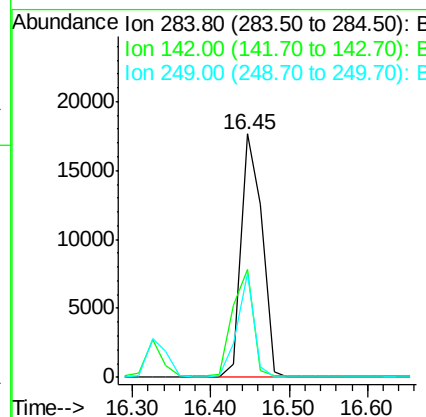
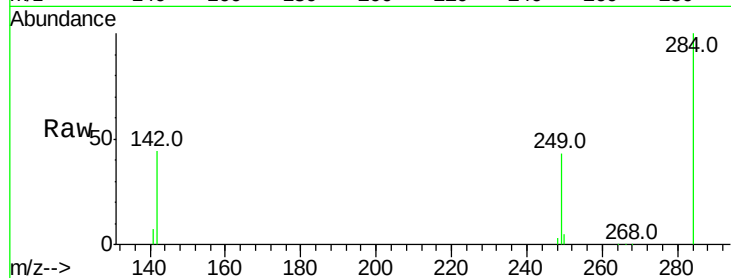
#21
Hexachlorobenzene
Concen: 2.92 ng
RT: 16.45 min Scan# 972
Delta R.T. -0.00 min
Lab File: BE091726.D
Acq: 27 Apr 2016 15:03

Instrument :
BNA_E
ClientSampleId :
CEDAR-HILL-TF-PS-001MS

Tot Ion	Ratio	Lower	Upper
284	100		
142	42.9	32.2	48.2
249	34.2	25.4	38.2

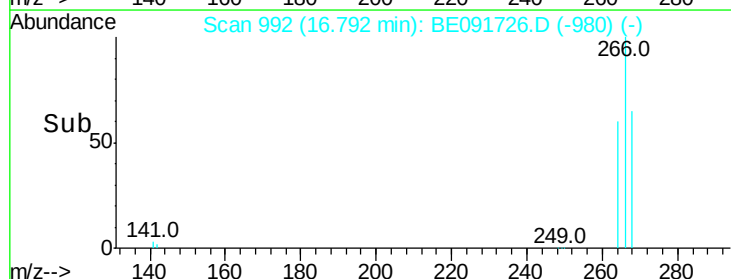
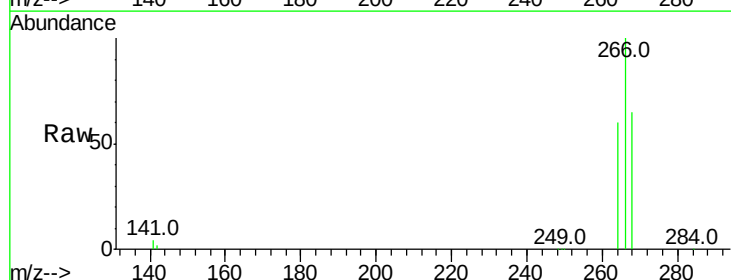
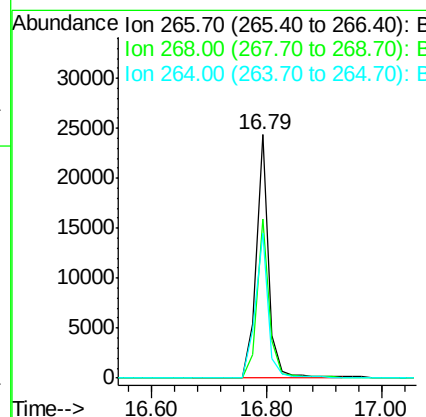
Manual Integrations
APPROVED

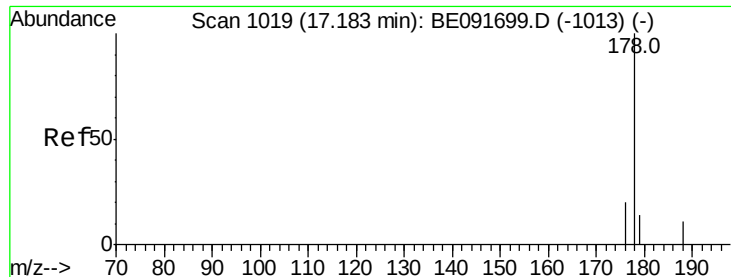
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#22
Pentachlorophenol
Concen: 6.11 ng
RT: 16.79 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE091726.D
Acq: 27 Apr 2016 15:03

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.4	58.2	87.2
264	59.7	56.2	84.4





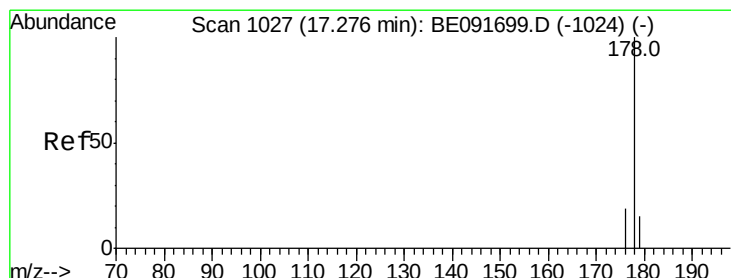
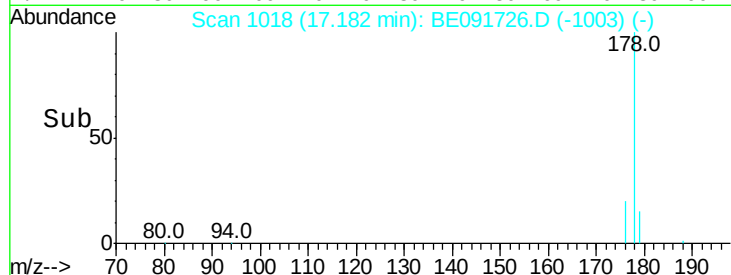
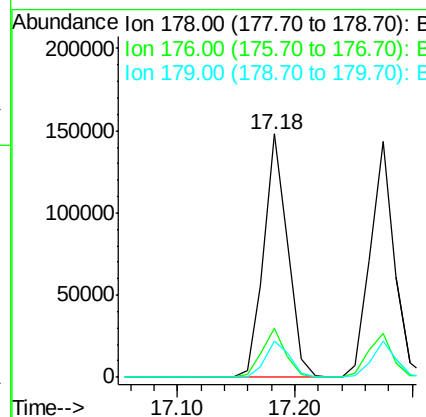
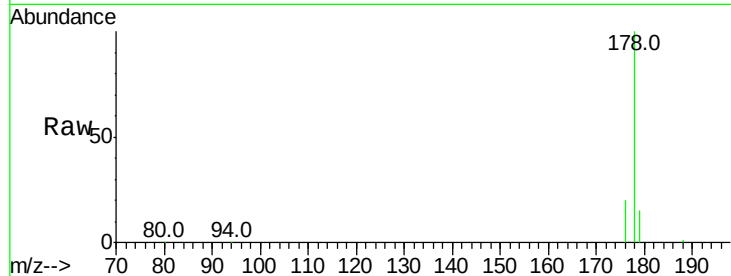
#23
Phenanthrene
Concen: 3.00 ng
RT: 17.18 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BE091726.D
Acq: 27 Apr 2016 15:03

Instrument :
BNA_E
ClientSampleId :
CEDAR-HILL-TF-PS-001MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.3	22.9
179	15.5	12.6	18.8

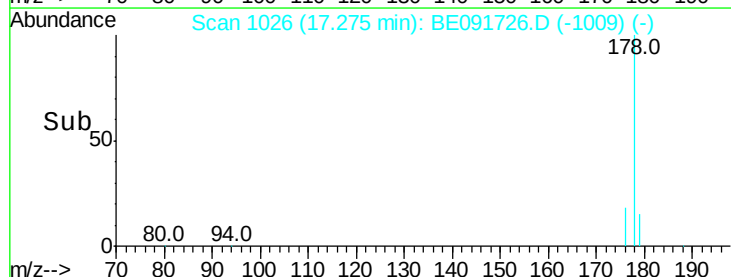
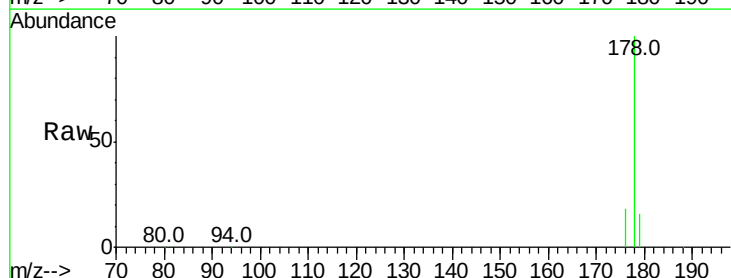
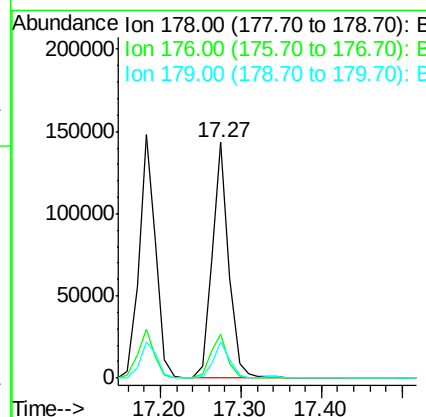
Manual Integrations
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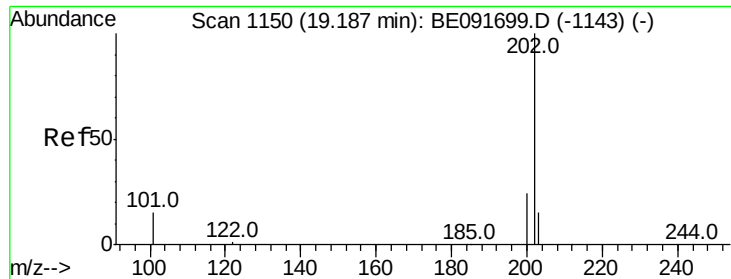
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#24
Anthracene
Concen: 3.23 ng
RT: 17.27 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE091726.D
Acq: 27 Apr 2016 15:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.6	21.8
179	15.2	11.8	17.6





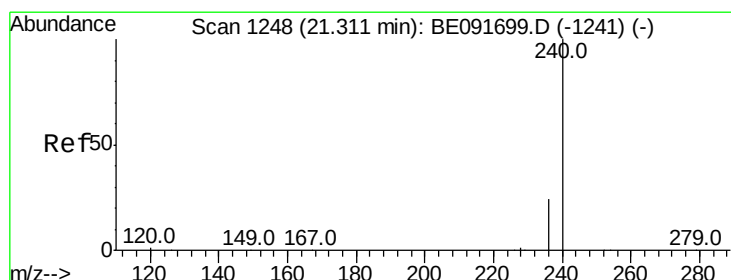
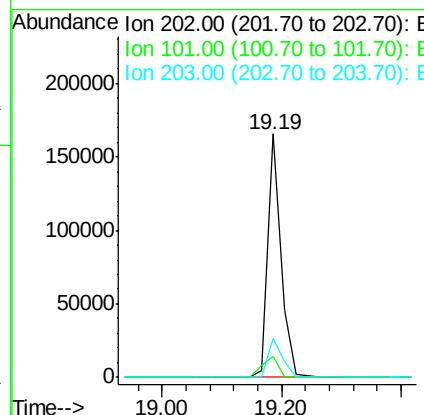
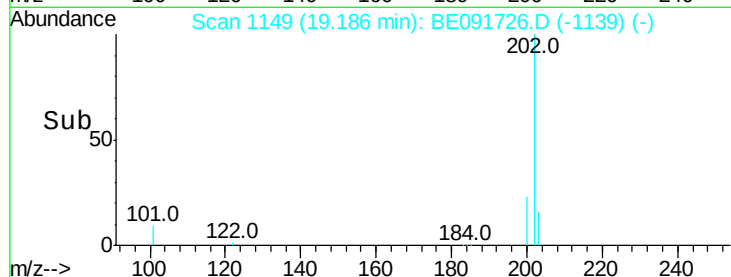
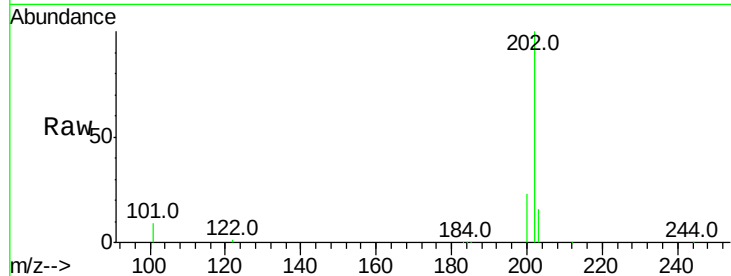
#25
Fluoranthene
Concen: 3.43 ng
RT: 19.19 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE091726.D
Acq: 27 Apr 2016 15:03

Instrument :
BNA_E
ClientSampleId :
CEDAR-HILL-TF-PS-001MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.8	11.0	16.6#
203	17.4	13.9	20.9

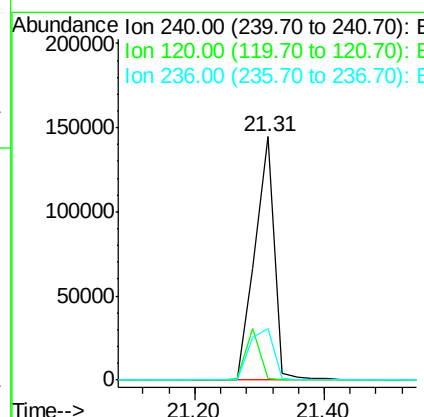
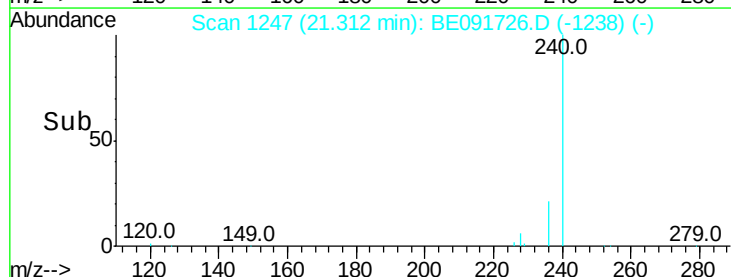
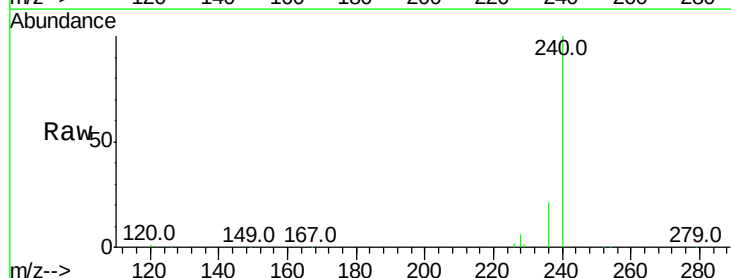
Manual Integrations
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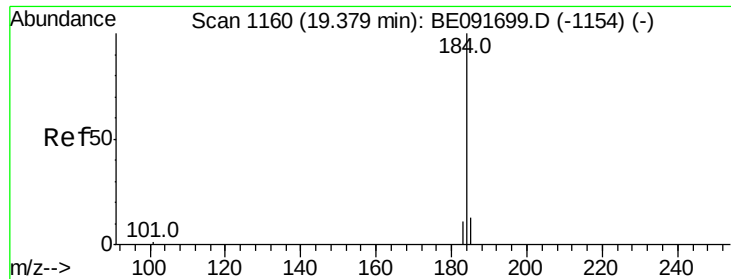
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#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE091726.D
Acq: 27 Apr 2016 15:03

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	0.9	11.0	16.4#
236	21.4	21.7	32.5#





#27

Benzidine

Concen: 1.15 ng

RT: 19.38 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BE091726.D

Acq: 27 Apr 2016 15:03

Instrument :

BNA_E

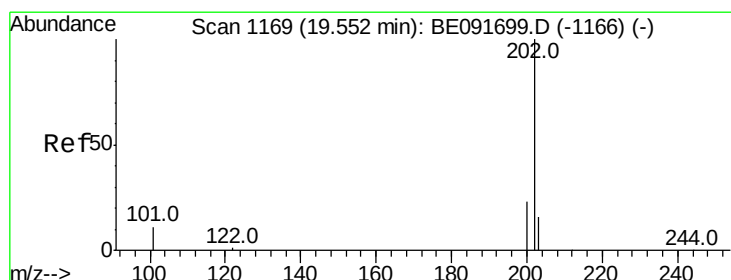
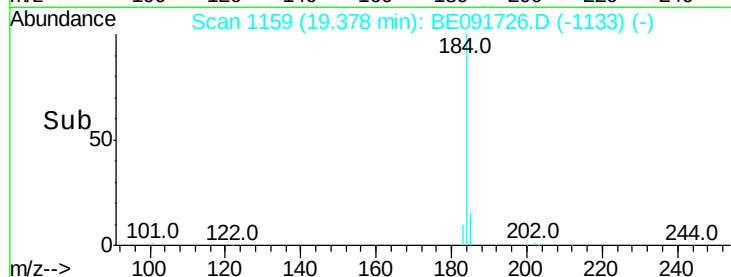
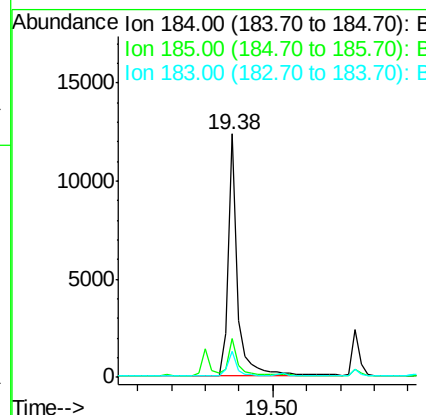
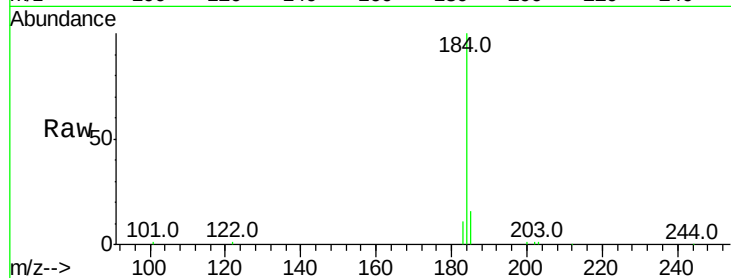
ClientSampleId :

CEDAR-HILL-TF-PS-001MS

Tot Ion:	184	Resp:	24237
Ion Ratio	Lower	Upper	
184	100		
185	15.9	22.3	33.5#
183	10.9	16.4	24.6#

Manual Integrations
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#28

Pyrene

Concen: 4.10 ng

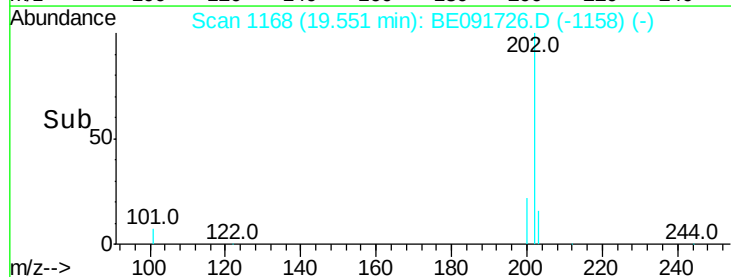
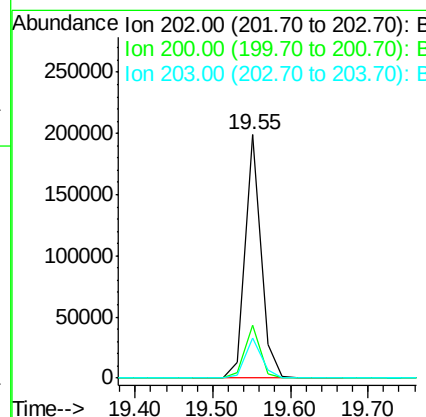
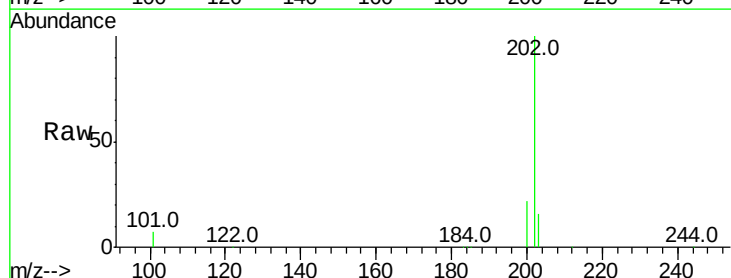
RT: 19.55 min Scan# 1168

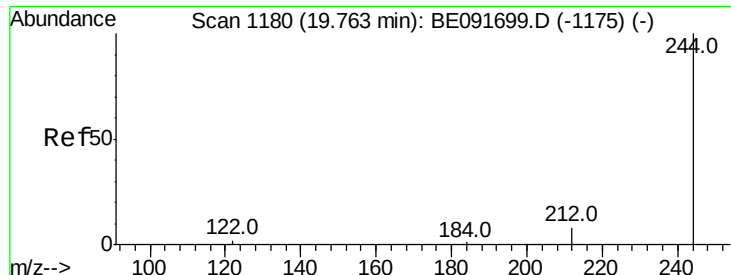
Delta R.T. -0.00 min

Lab File: BE091726.D

Acq: 27 Apr 2016 15:03

Tgt Ion:	202	Resp:	279109
Ion Ratio	Lower	Upper	
202	100		
200	21.6	16.8	25.2
203	17.7	14.0	21.0





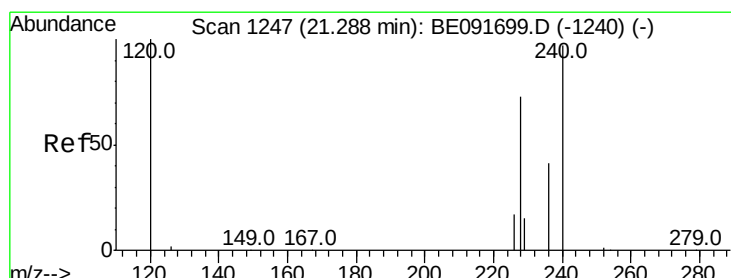
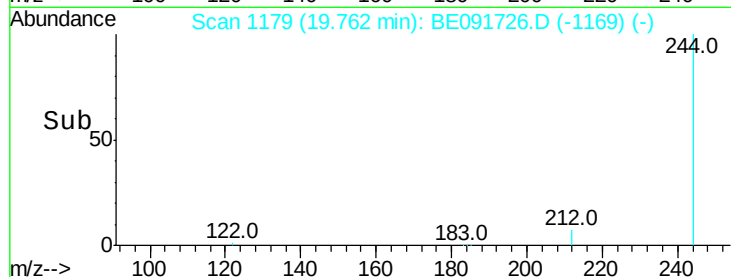
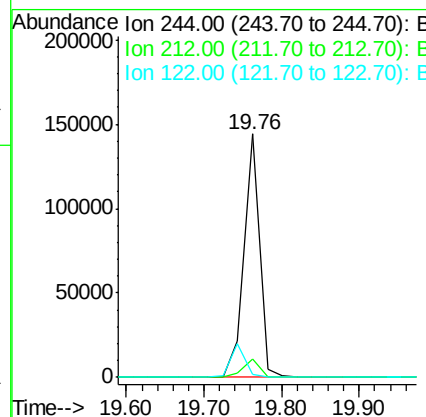
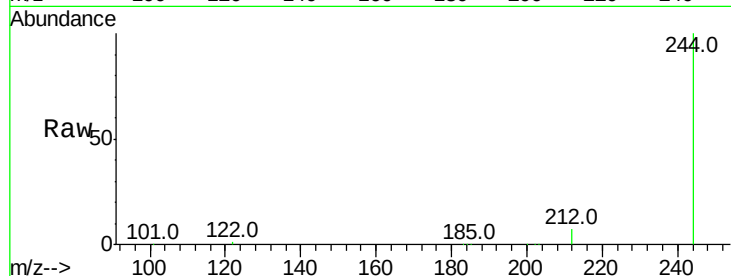
#29
 Terphenyl-d14
 Concen: 4.22 ng
 RT: 19.76 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BE091726.D
 Acq: 27 Apr 2016 15:03

Instrument :
 BNA_E
 ClientSampleId :
 CEDAR-HILL-TF-PS-001MS

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	7.4	6.9	10.3
122	1.2	11.0	16.4

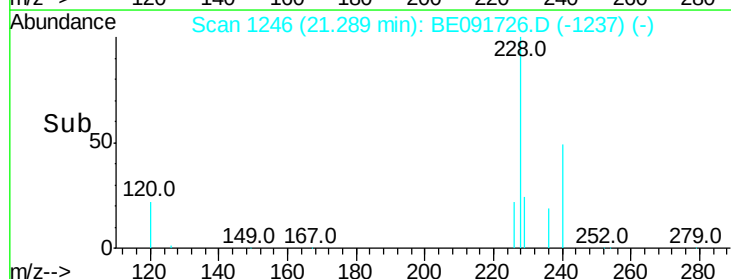
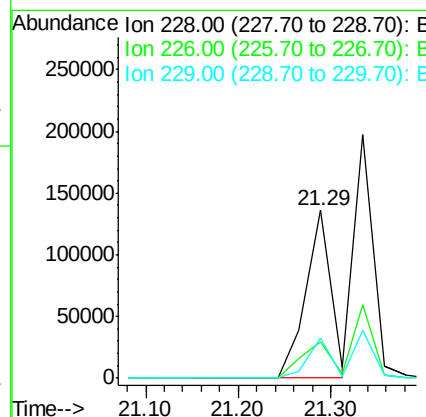
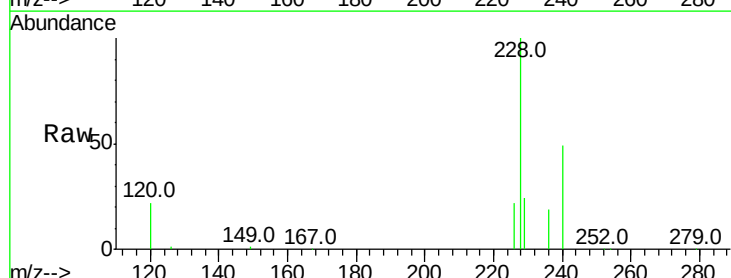
Manual Integrations
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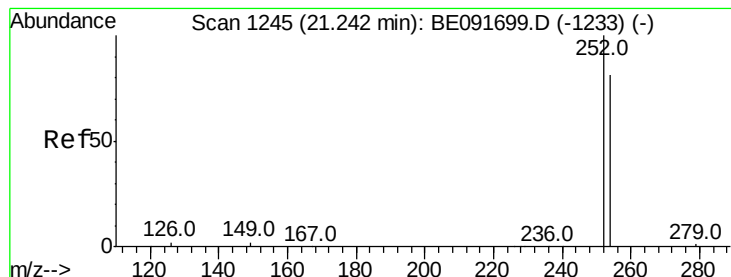
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#30
 Benzo(a)anthracene
 Concen: 3.45 ng
 RT: 21.29 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BE091726.D
 Acq: 27 Apr 2016 15:03

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	21.9	21.0	31.4
229	23.7	15.7	23.5





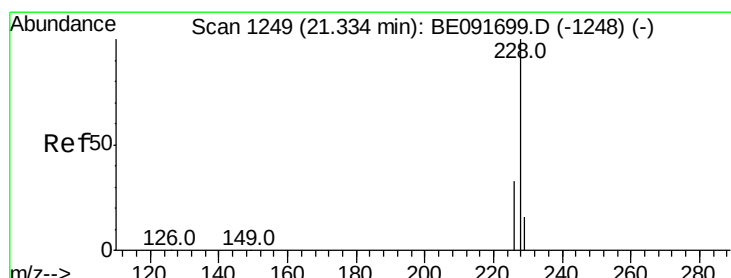
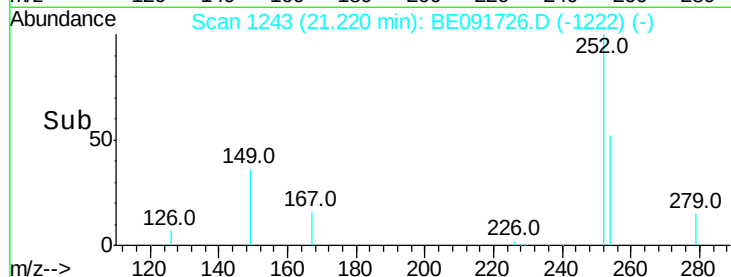
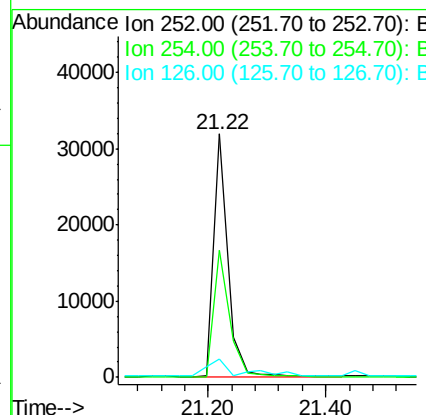
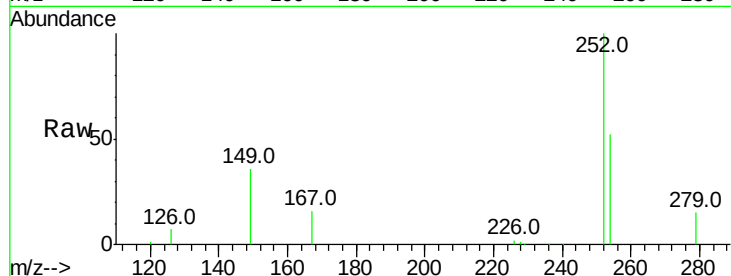
#31
 3,3'-Dichlorobenzidine
 Concen: 1.42 ng
 RT: 21.22 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BE091726.D
 Acq: 27 Apr 2016 15:03

Instrument :
 BNA_E
 ClientSampleId :
 CEDAR-HILL-TF-PS-001MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	52.4	51.1	76.7
126	7.5	12.6	18.8

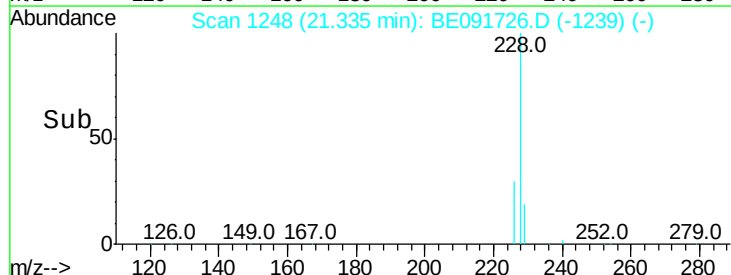
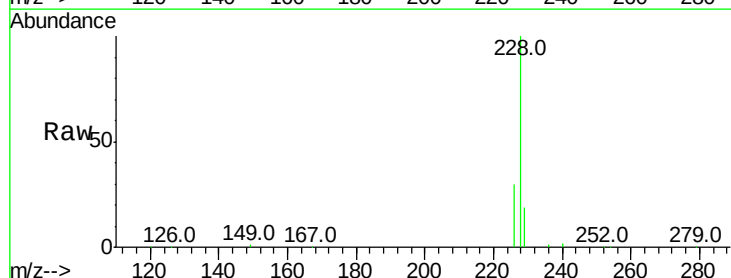
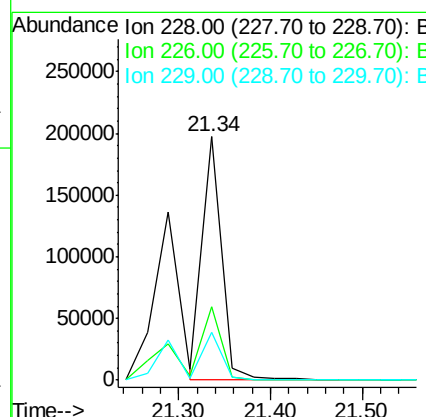
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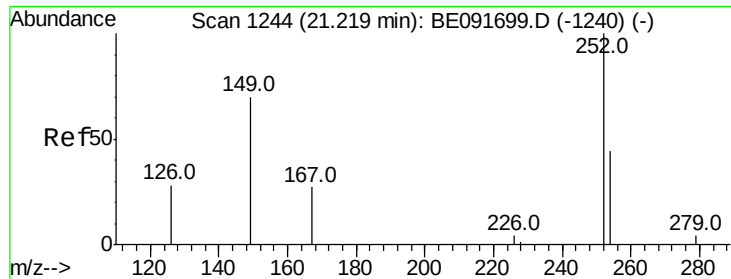
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#32
 Chrysene
 Concen: 3.85 ng m
 RT: 21.34 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: BE091726.D
 Acq: 27 Apr 2016 15:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.0	36.0
229	19.4	15.9	23.9





#33

Bis(2-ethylhexyl)phthalate

Concen: 7.00 ng

RT: 21.20 min Scan# 1242

Delta R.T. -0.02 min

Lab File: BE091726.D

Acq: 27 Apr 2016 15:03

Instrument :

BNA_E

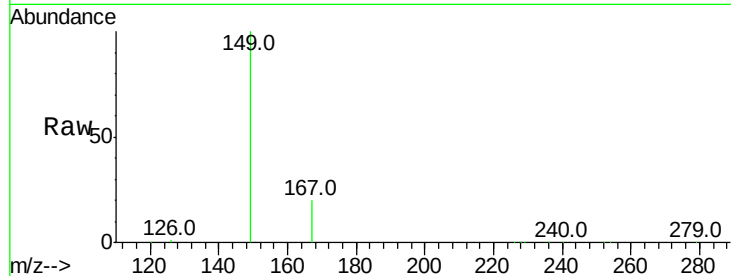
ClientSampleId :

CEDAR-HILL-TF-PS-001MS

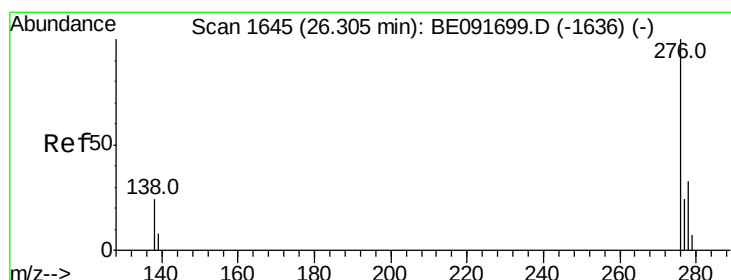
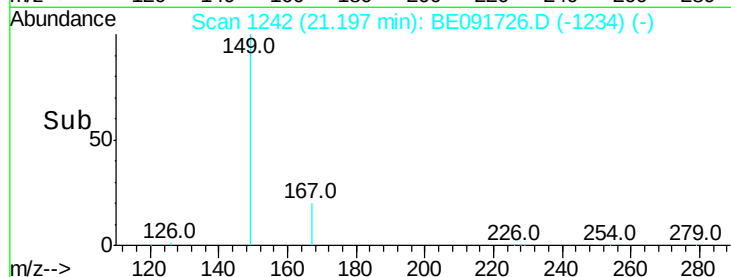
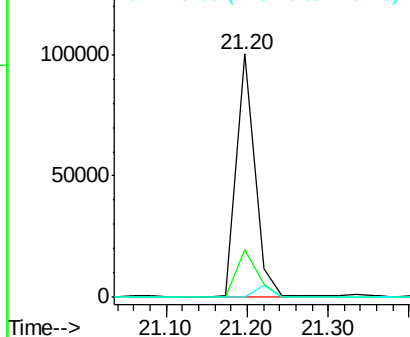
Tot Ion:	149	Resp:	156180
Ion Ratio	Lower	Upper	
149	100		
167	22.2	19.5	29.3
279	0.0	10.0	15.0

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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



#34

Indeno(1,2,3-cd)pyrene

Concen: 3.92 ng

RT: 26.29 min Scan# 1643

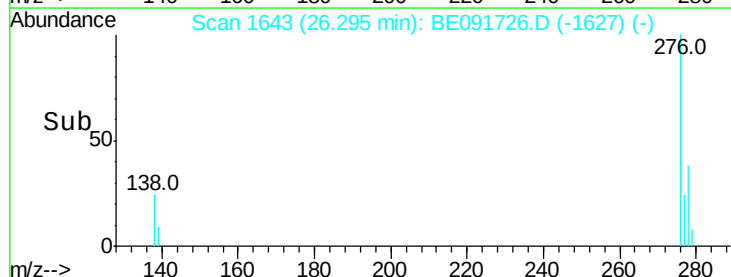
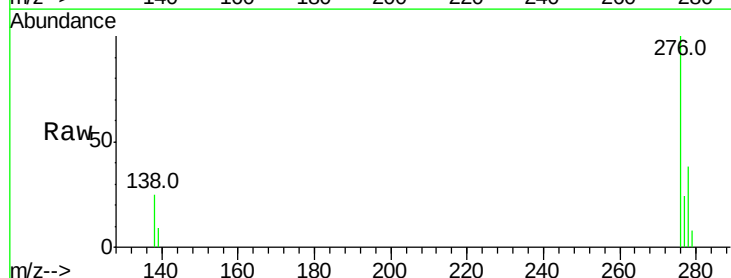
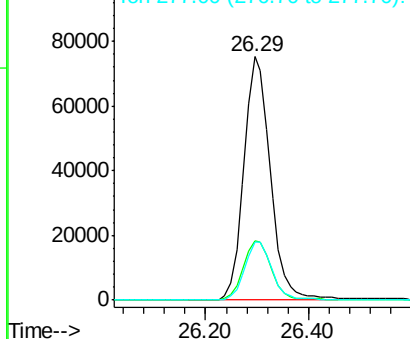
Delta R.T. -0.01 min

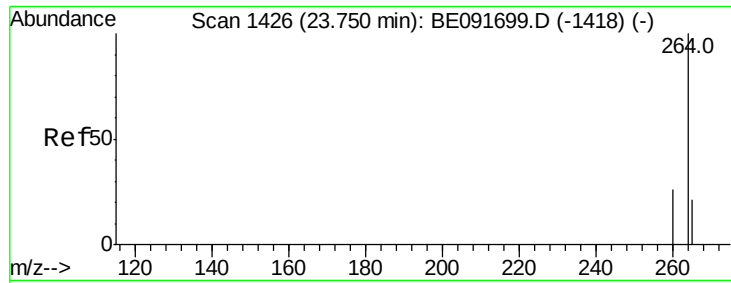
Lab File: BE091726.D

Acq: 27 Apr 2016 15:03

Tgt Ion:	276	Resp:	267397
Ion Ratio	Lower	Upper	
276	100		
138	25.8	23.4	35.2
277	24.7	19.8	29.8

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





#35

Pervlene-d12

Concen: 5.00 ng

RT: 23.75 min Scan# 1425

Delta R.T. 0.00 min

Lab File: BE091726.D

Acq: 27 Apr 2016 15:03

Instrument :

BNA_E

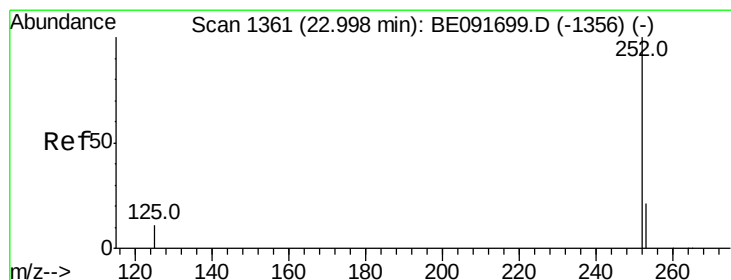
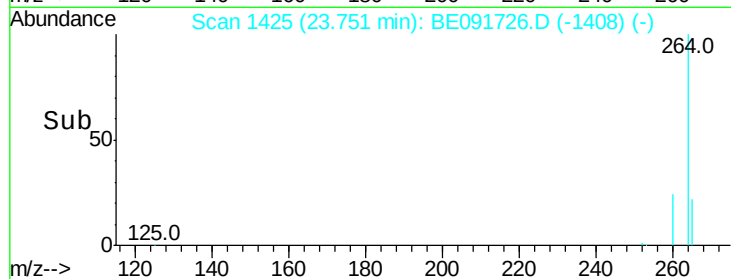
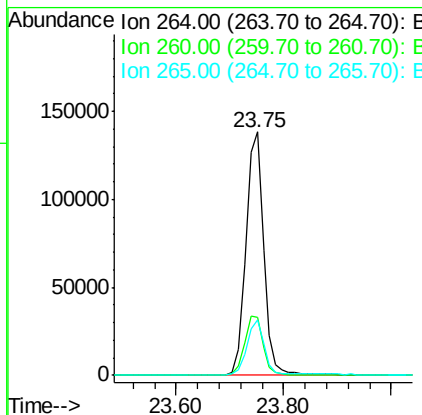
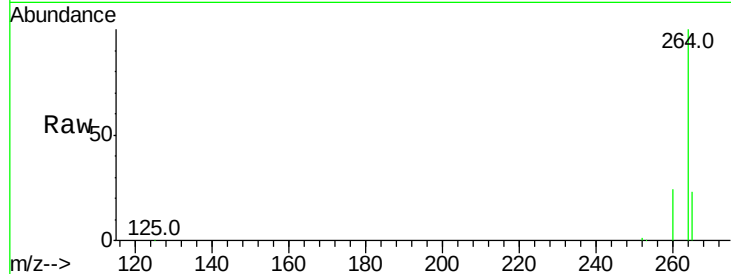
ClientSampleId :

CEDAR-HILL-TF-PS-001MS

Tot Ion:	264	Resp:	316600
Ion Ratio	Lower	Upper	
264	100		
260	23.6	20.0	30.0
265	22.8	17.5	26.3

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#36

Benzo(b)fluoranthene

Concen: 3.82 ng

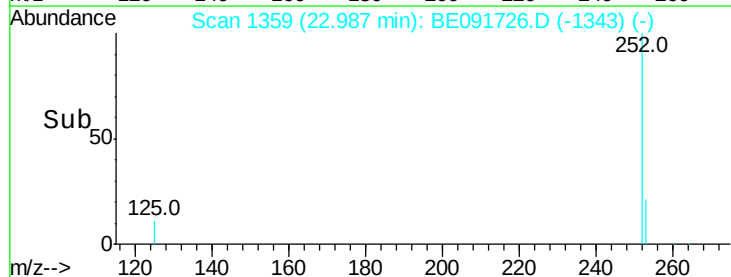
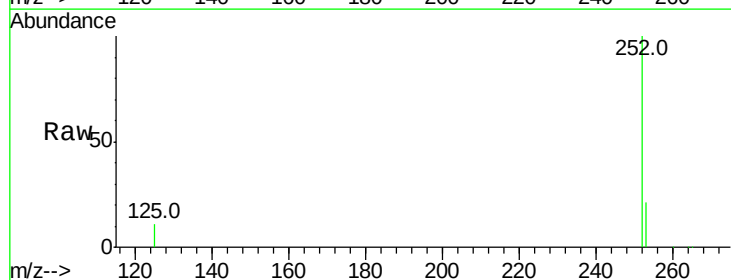
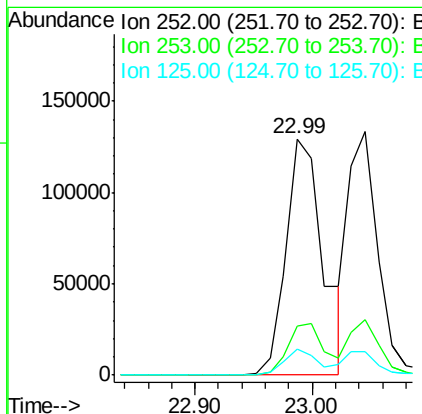
RT: 22.99 min Scan# 1359

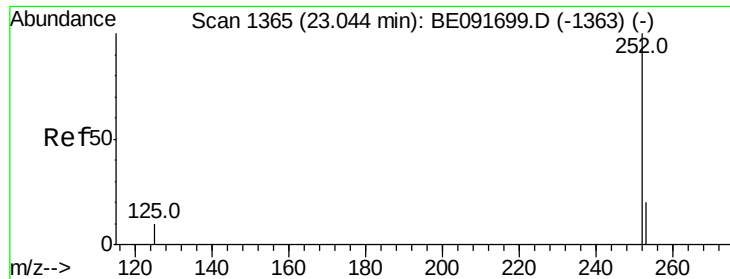
Delta R.T. -0.01 min

Lab File: BE091726.D

Acq: 27 Apr 2016 15:03

Tgt Ion:	252	Resp:	283686
Ion Ratio	Lower	Upper	
252	100		
253	20.7	17.4	26.0
125	11.1	10.2	15.2





#37

Benzo(k)fluoranthene

Concen: 3.14 ng/mL

RT: 23.05 min Scan# 1364

Delta R.T. 0.00 min

Lab File: BE091726.D

Acq: 27 Apr 2016 15:03

Instrument :

BNA_E

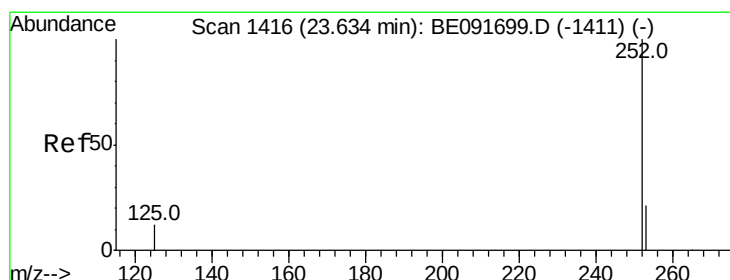
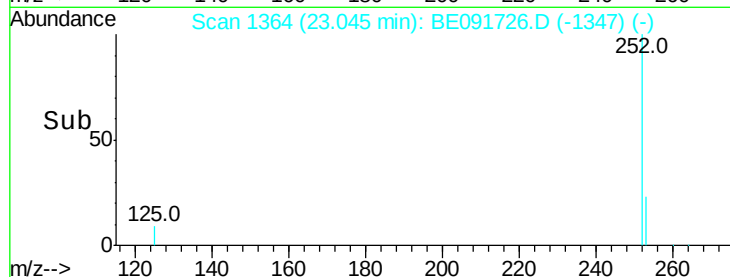
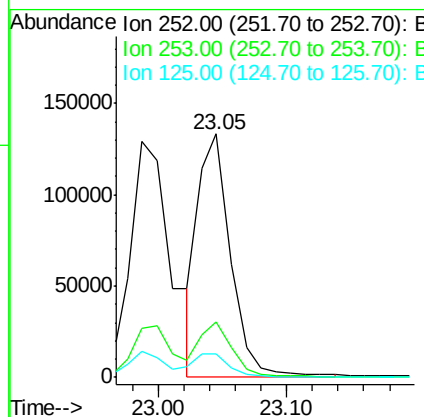
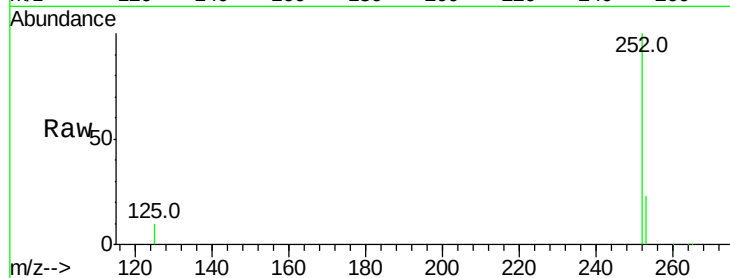
ClientSampleId :

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Tot Ion:	252	Resp:	236804
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.6	26.4
125	9.6	9.9	14.9

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#38

Benzo(a)pyrene

Concen: 3.51 ng/mL

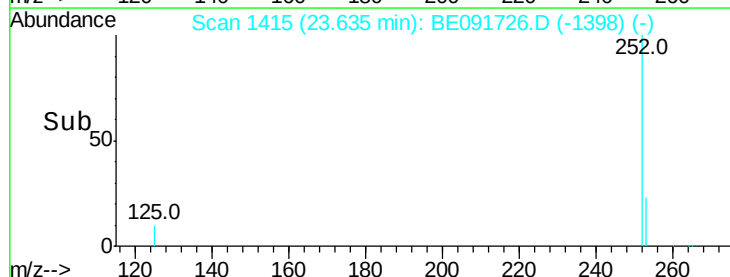
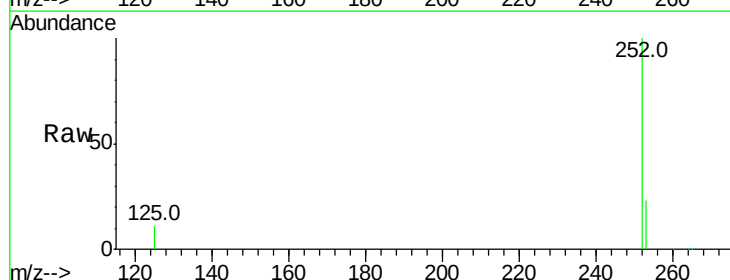
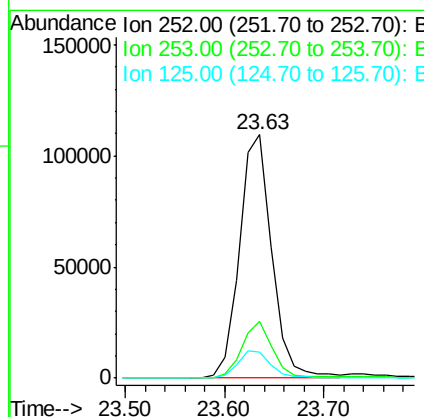
RT: 23.63 min Scan# 1415

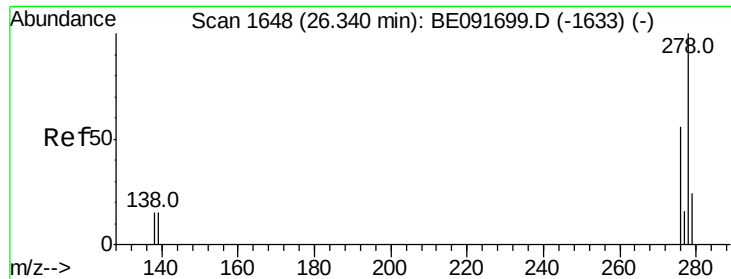
Delta R.T. 0.00 min

Lab File: BE091726.D

Acq: 27 Apr 2016 15:03

Tgt Ion:	252	Resp:	245244
Ion Ratio	Lower	Upper	
252	100		
253	23.1	18.1	27.1
125	10.6	11.0	16.4





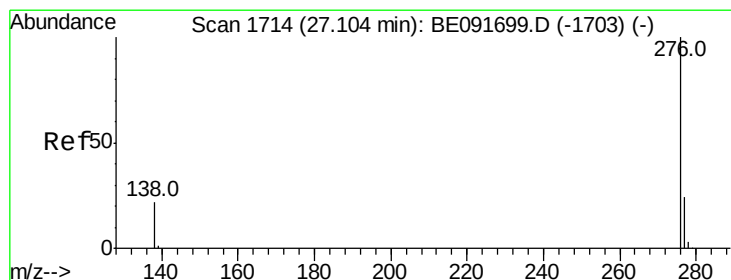
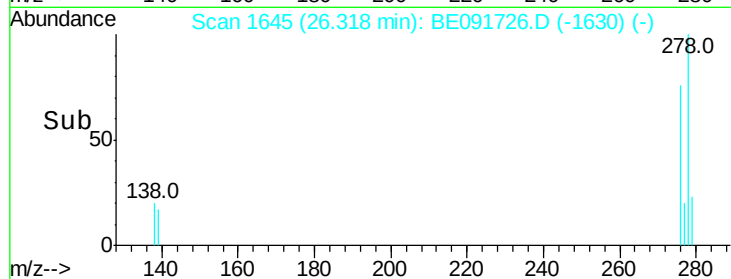
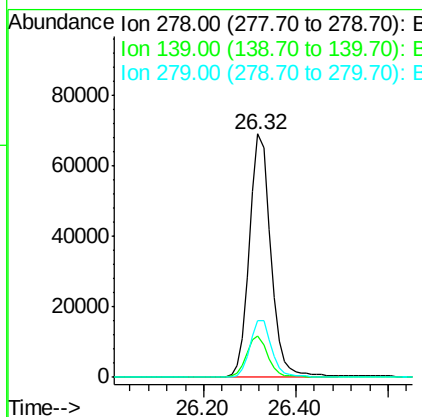
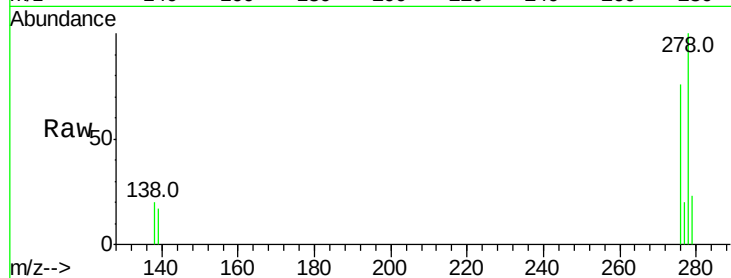
#39
Dibenzo(a,h)anthracene
Concen: 3.35 ng
RT: 26.32 min Scan# 1645
Delta R.T. -0.02 min
Lab File: BE091726.D
Acq: 27 Apr 2016 15:03

Instrument :
BNA_E
ClientSampleId :
CEDAR-HILL-TF-PS-001MS

Tot Ion:278	Resp:	222011
Ion Ratio	Lower	Upper
278 100		
139 17.2	16.0	24.0
279 23.4	19.4	29.2

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#40
Benzo(g,h,i)perylene
Concen: 3.34 ng
RT: 27.08 min Scan# 1711
Delta R.T. -0.02 min
Lab File: BE091726.D
Acq: 27 Apr 2016 15:03

Tgt Ion:276	Resp:	224432
Ion Ratio	Lower	Upper
276 100		
277 23.4	18.6	28.0
138 22.0	20.4	30.6

