Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE092216\
Data File : BE092396.D
Acq On : 22 Sep 2016 15:23
Operator : UM/SJ
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Manual Integrations APPROVED
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9/23/2016 6:48:02 PM

Quant Time: Sep 22 17:06:49 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE092216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 22 16:57:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	8291	5.00	ng		0.00
7) Naphthalene-d8	10.95	136	41431	5.00	ng		0.00
12) Acenaphthene-d10	14.82	164	32228	5.00	ng		0.00
18) Phenanthrene-d10	17.58	188	68070	5.00	ng		0.00
24) Chrysene-d12	21.75	240	94635	5.00	ng		0.00
31) Perylene-d12	24.12	264	80596	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.68	112	1302	0.66	ng		0.00
5) Phenol-d6	7.36	99	1809	0.69	ng		0.00
8) Nitrobenzene-d5	9.34	82	2095m	0.70	ng		-0.02
13) 2,4,6-Tribromophenol	16.32	330	701	0.70	ng		-0.01
14) 2-Fluorobiphenyl	13.44	172	6093	0.62	ng		0.00
26) Terphenyl-d14	20.19	244	9123	0.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	806	0.69	ng		96
3) n-Nitrosodimethylamine	3.78	42	833	0.76	ng	#	99
6) bis(2-Chloroethyl)ether	7.59	93	1513	0.71	ng		95
9) Naphthalene	10.99	128	7124	0.77	ng		96
10) Hexachlorobutadiene	11.28	225	1100	0.76	ng		100
11) 2-Methylnaphthalene	12.63	142	4801	0.79	ng		93
15) Acenaphthylene	14.53	152	37050	0.67	ng		100
16) Acenaphthene	14.88	154	5781	0.64	ng		98
17) Fluorene	15.87	166	7434	0.66	ng		99
19) Hexachlorobenzene	16.89	284	2384	0.73	ng	#	66
20) Pentachlorophenol	17.26	266	543	0.75	ng		95
21) Phenanthrene	17.60	178	12528	0.65	ng	#	94
22) Anthracene	17.72	178	12110m	0.71	ng		
23) Fluoranthene	19.61	202	60440	0.72	ng		99
25) Pyrene	19.97	202	62681	0.68	ng		100
27) Benzo(a)anthracene	21.72	228	72426m	0.71	ng		
28) Chrysene	21.77	228	67990m	0.64	ng		
29) Bis(2-ethylhexyl)phthalate	21.63	149	6385	0.45	ng	#	56
30) Indeno(1,2,3-cd)pyrene	26.62	276	69524	0.65	ng		99
32) Benzo(b)fluoranthene	23.38	252	14906	0.72	ng		96
33) Benzo(k)fluoranthene	23.44	252	16732	0.77	ng		97
34) Benzo(a)pyrene	24.01	252	15026	0.74	ng		97
35) Dibenzo(a,h)anthracene	26.65	278	14041	0.74	ng		98
36) Benzo(g,h,i)perylene	27.40	276	59708	0.75	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE092216\
Data File : BE092396.D
Acq On : 22 Sep 2016 15:23
Operator : UM/SJ
Sample : SSTDICC0.8
Misc :
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Quant Time: Sep 22 17:06:49 2016
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QLast Update : Thu Sep 22 16:57:02 2016
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Manual Integrations APPROVED
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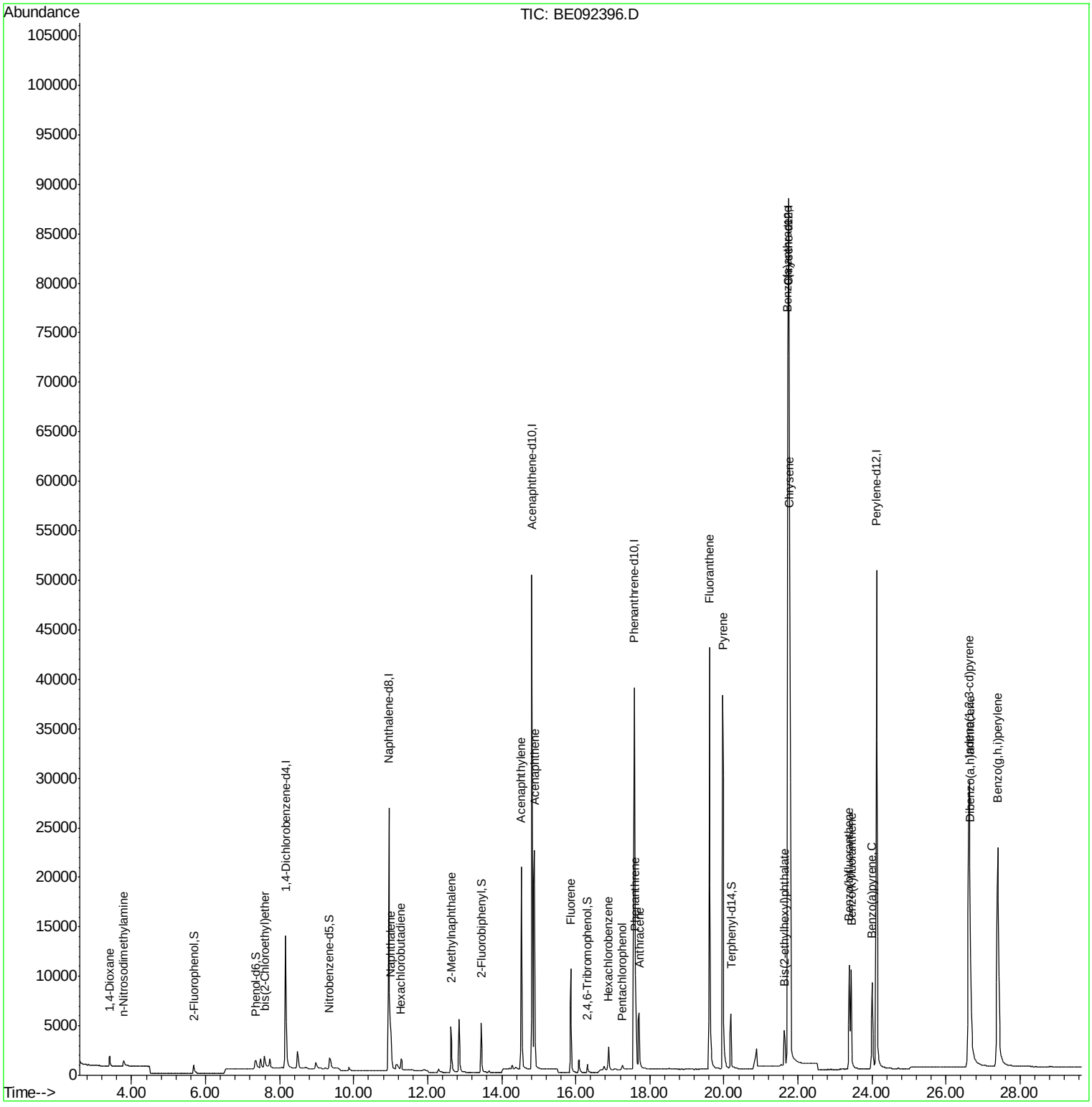
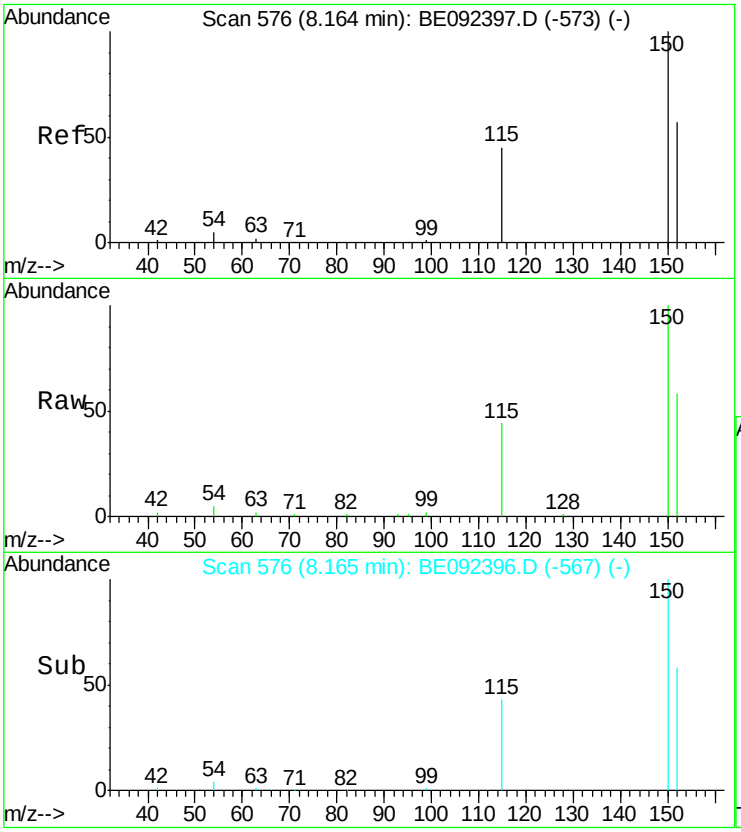
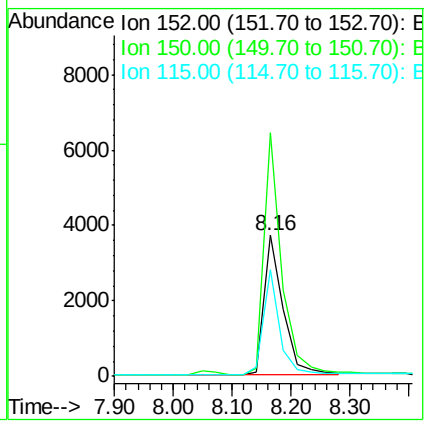




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.16 min Scan# 576
Delta R.T. 0.00 min
Lab File: BE092396.D
Acq: 22 Sep 2016 15:23

Tgt Ion:152 Resp: 8291

Ion	Ratio	Lower	Upper
152	100		
150	172.6	106.0	159.0#
115	76.0	31.2	46.8#



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Manual Integrations APPROVED
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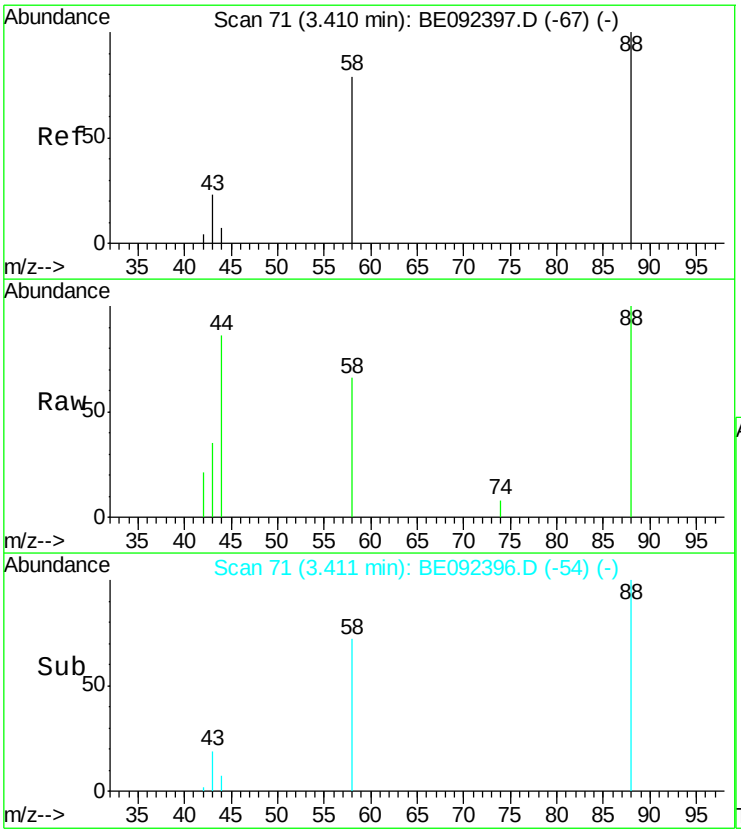
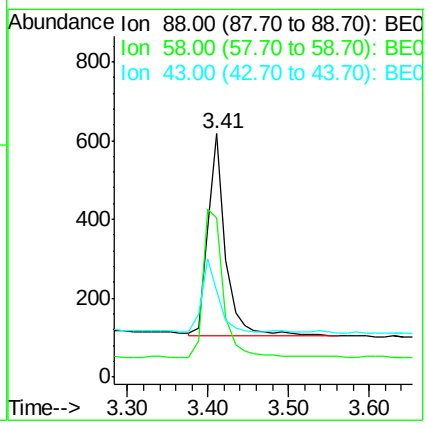
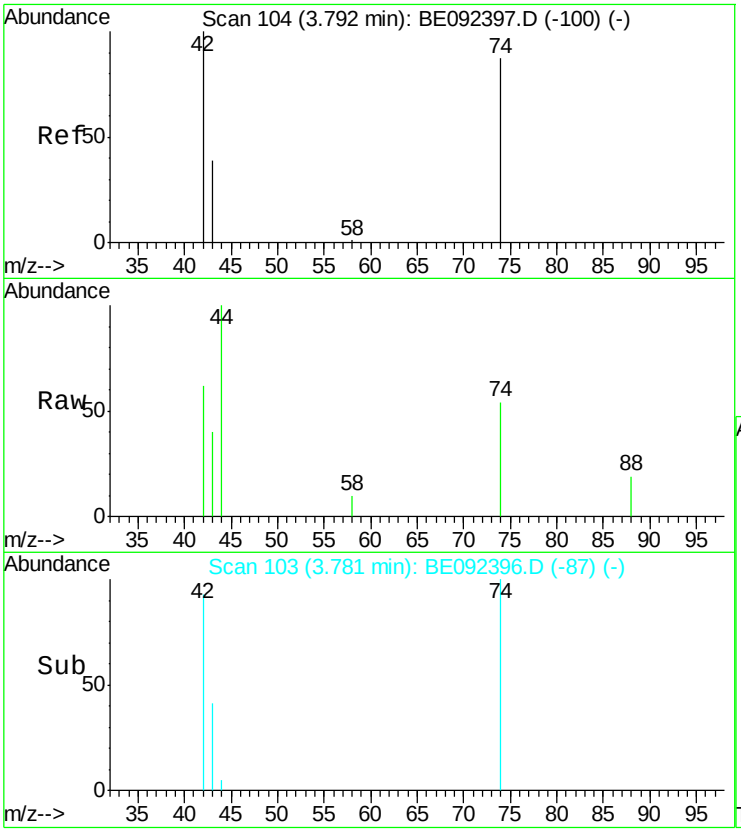


#2
1,4-Dioxane
Concen: 0.69 ng
RT: 3.41 min Scan# 71
Delta R.T. 0.00 min
Lab File: BE092396.D
Acq: 22 Sep 2016 15:23

Tgt Ion: 88 Resp: 806

Ion	Ratio	Lower	Upper
88	100		
58	83.3	63.6	95.4
43	32.3	28.0	42.0

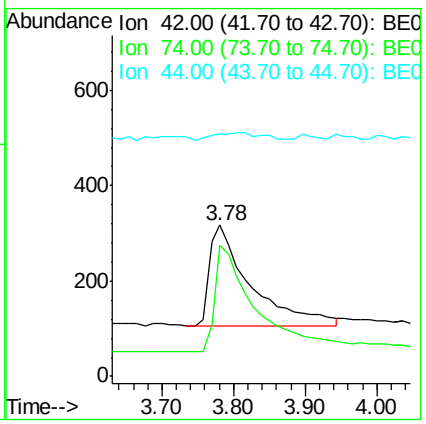




#3
n-Nitrosodimethylamine
Concen: 0.76 ng
RT: 3.78 min Scan# 103
Delta R.T. -0.01 min
Lab File: BE092396.D
Acq: 22 Sep 2016 15:23

Tgt Ion: 42 Resp: 833

Ion	Ratio	Lower	Upper
42	100		
74	107.3	86.0	129.0
44	0.0	5.1	7.7#



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

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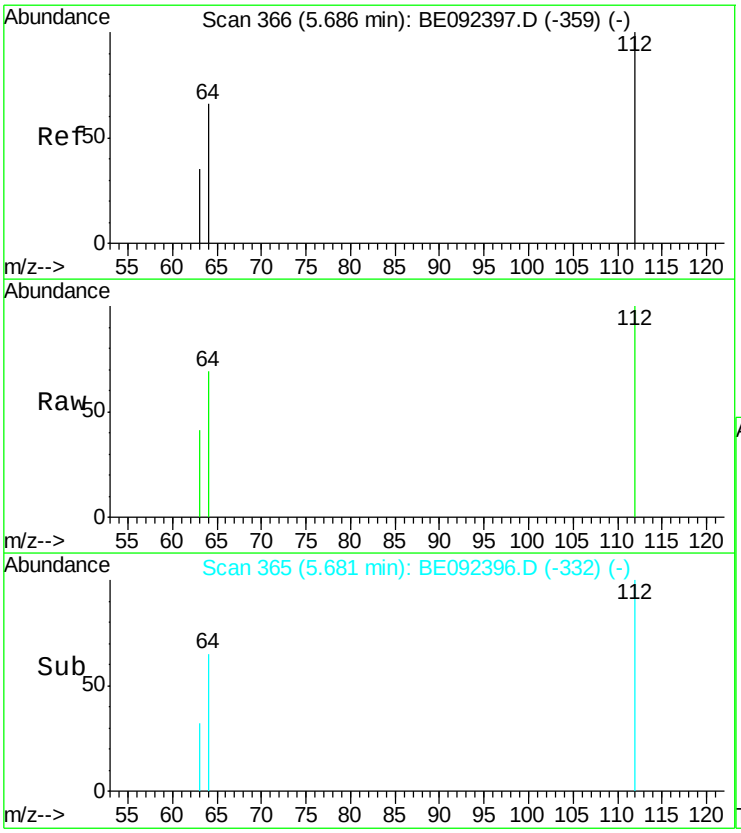
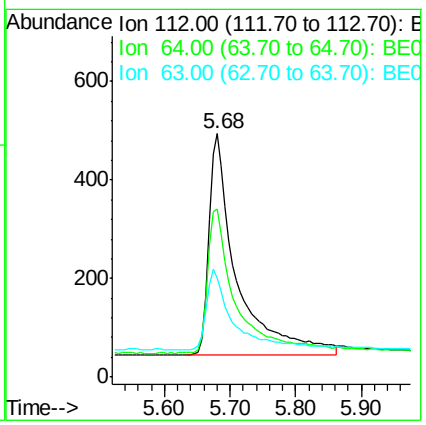
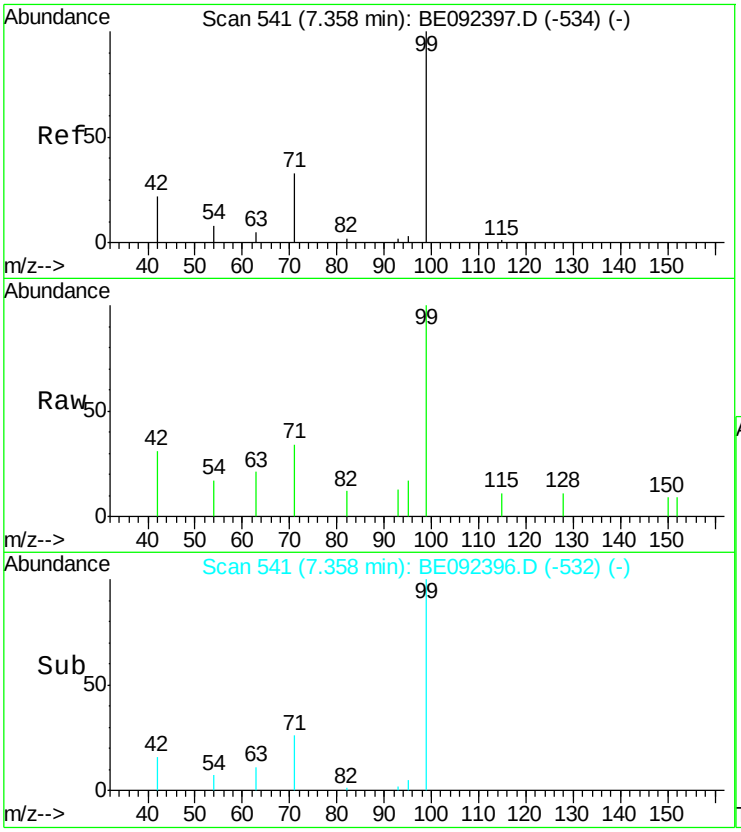


#4
2-Fluorophenol
Concen: 0.66 ng
RT: 5.68 min Scan# 365
Delta R.T. -0.01 min
Lab File: BE092396.D
Acq: 22 Sep 2016 15:23

Tgt Ion:112 Resp: 1302

Ion	Ratio	Lower	Upper
112	100		
64	66.5	53.5	80.3
63	36.5	27.9	41.9





#5
Phenol-d6
Concen: 0.69 ng
RT: 7.36 min Scan# 541
Delta R.T. 0.00 min
Lab File: BE092396.D
Acq: 22 Sep 2016 15:23

Tgt Ion: 99 Resp: 1809

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.0	24.0#
71	0.0	30.6	45.8#

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

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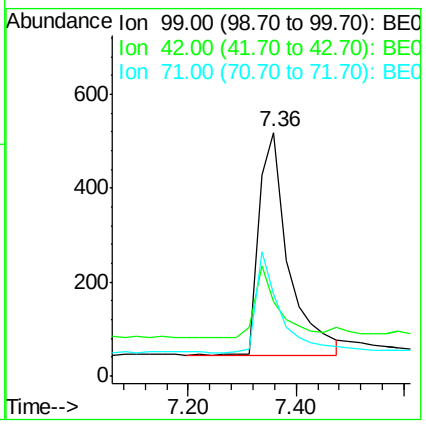
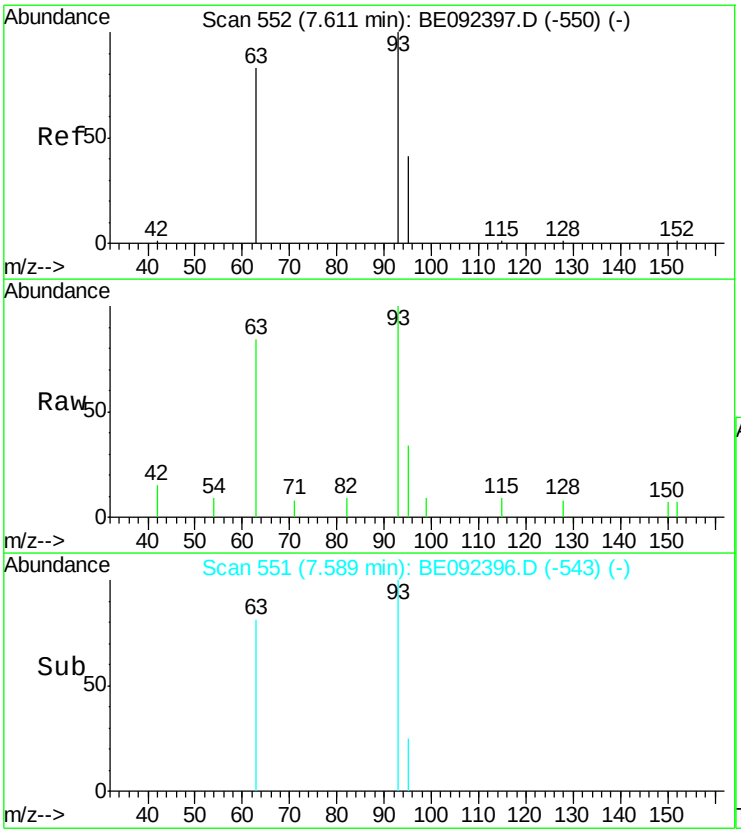
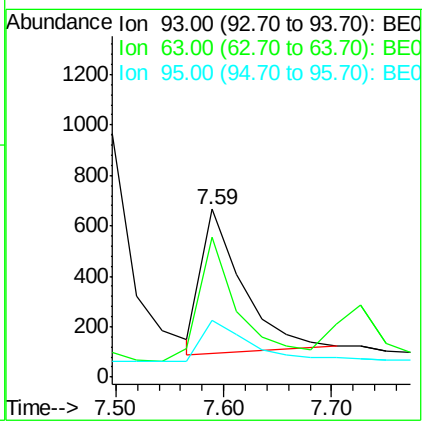


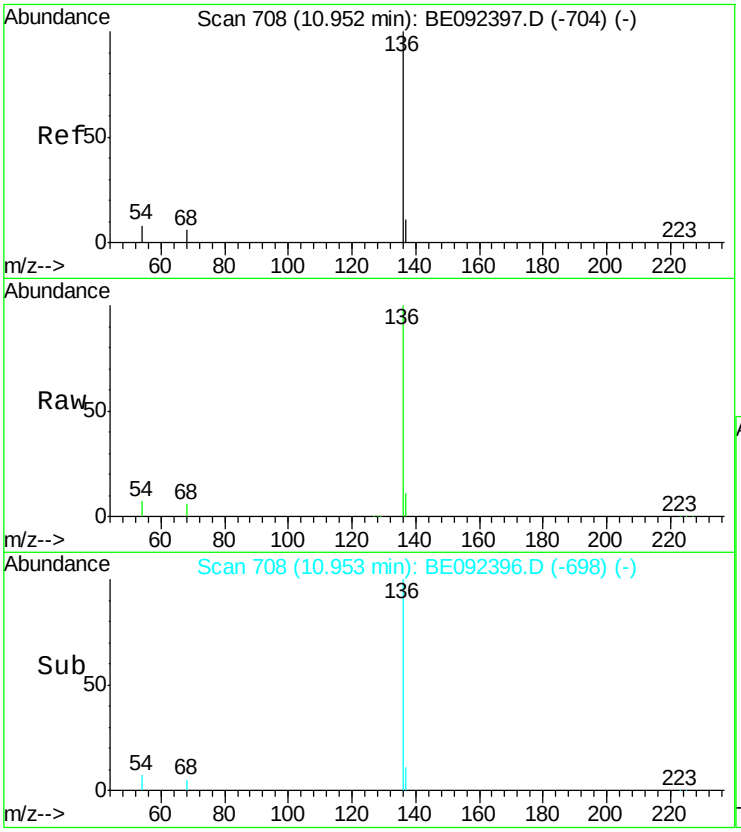


#6
bis(2-Chloroethyl)ether
Concen: 0.71 ng
RT: 7.59 min Scan# 551
Delta R.T. -0.02 min
Lab File: BE092396.D
Acq: 22 Sep 2016 15:23

Tgt Ion: 93 Resp: 1513

Ion	Ratio	Lower	Upper
93	100		
63	86.5	71.6	107.4
95	35.3	24.0	36.0

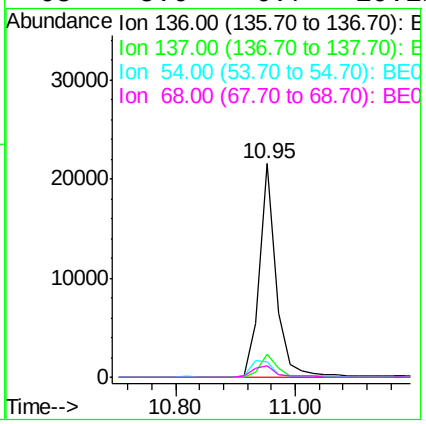




#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.95 min Scan# 708
Delta R.T. 0.00 min
Lab File: BE092396.D
Acq: 22 Sep 2016 15:23

Tgt Ion:136 Resp: 41431

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.2	12.4
54	7.4	9.6	14.4#
68	5.6	6.7	10.1#



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

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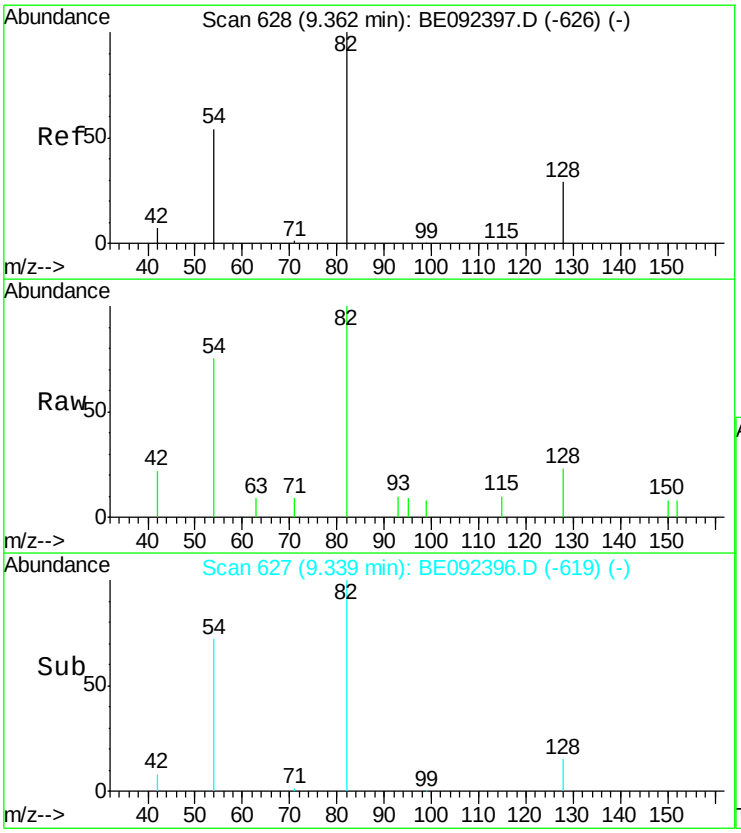
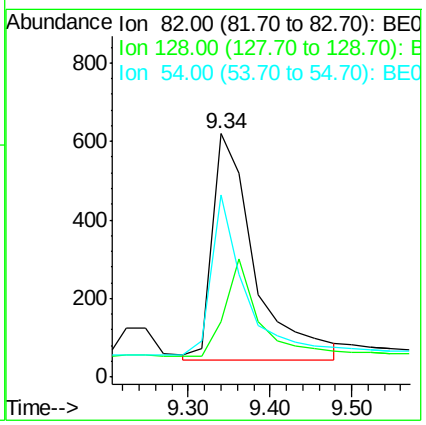
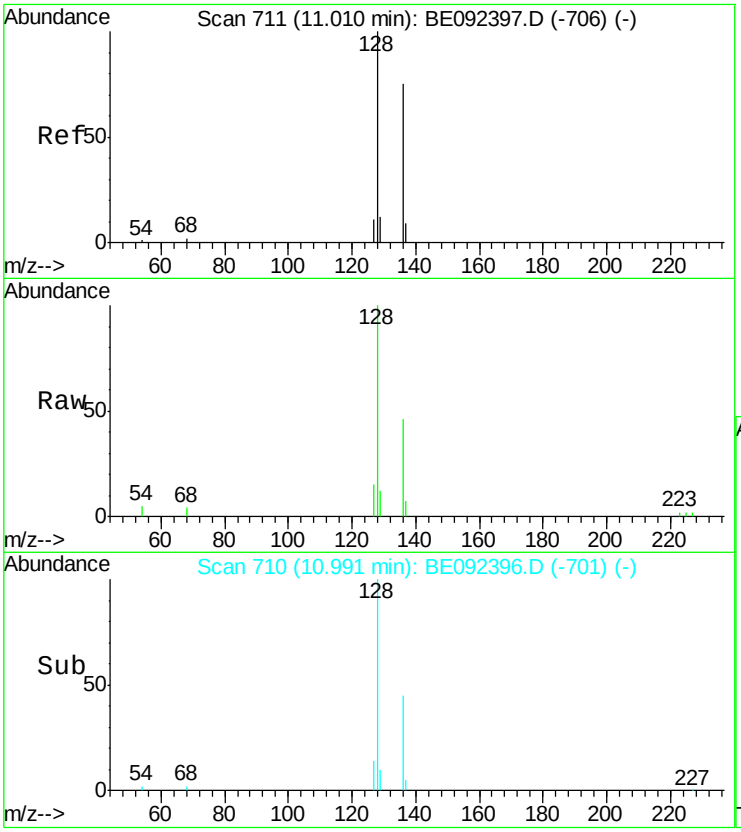


#8
Nitrobenzene-d5
Concen: 0.70 ng m
RT: 9.34 min Scan# 627
Delta R.T. -0.02 min
Lab File: BE092396.D
Acq: 22 Sep 2016 15:23

Tgt Ion: 82 Resp: 2095

Ion	Ratio	Lower	Upper
82	100		
128	22.6	39.0	58.4#
54	75.0	44.8	67.2#

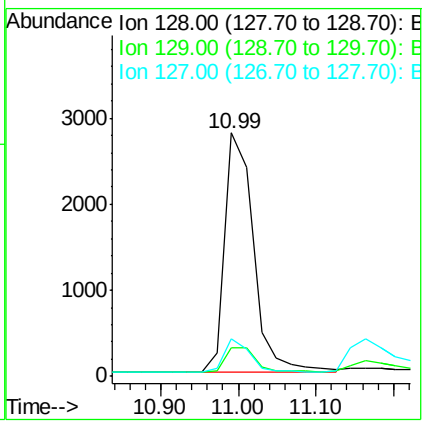




#9
Naphthalene
Concen: 0.77 ng
RT: 10.99 min Scan# 710
Delta R.T. -0.02 min
Lab File: BE092396.D
Acq: 22 Sep 2016 15:23

Tgt Ion:128 Resp: 7124

Ion	Ratio	Lower	Upper
128	100		
129	11.8	11.2	16.8
127	15.5	11.6	17.4



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Manual Integrations APPROVED
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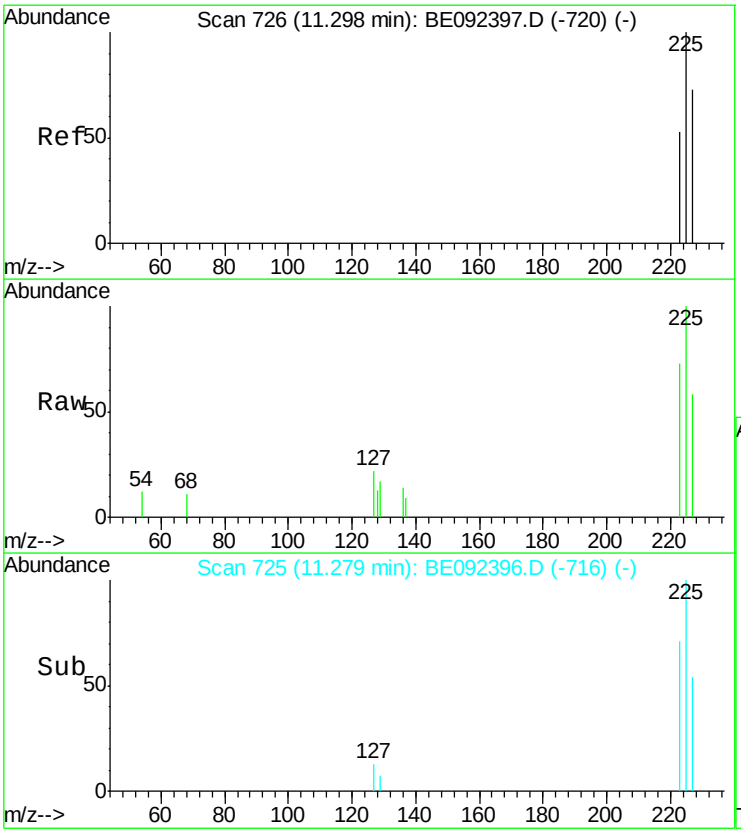
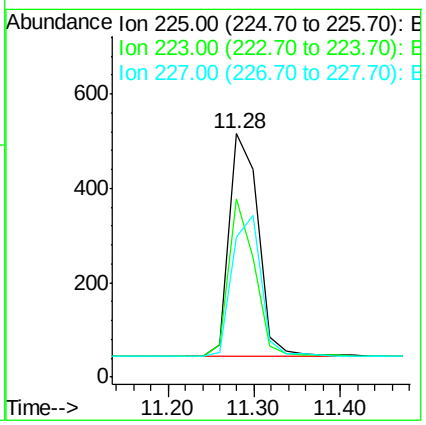
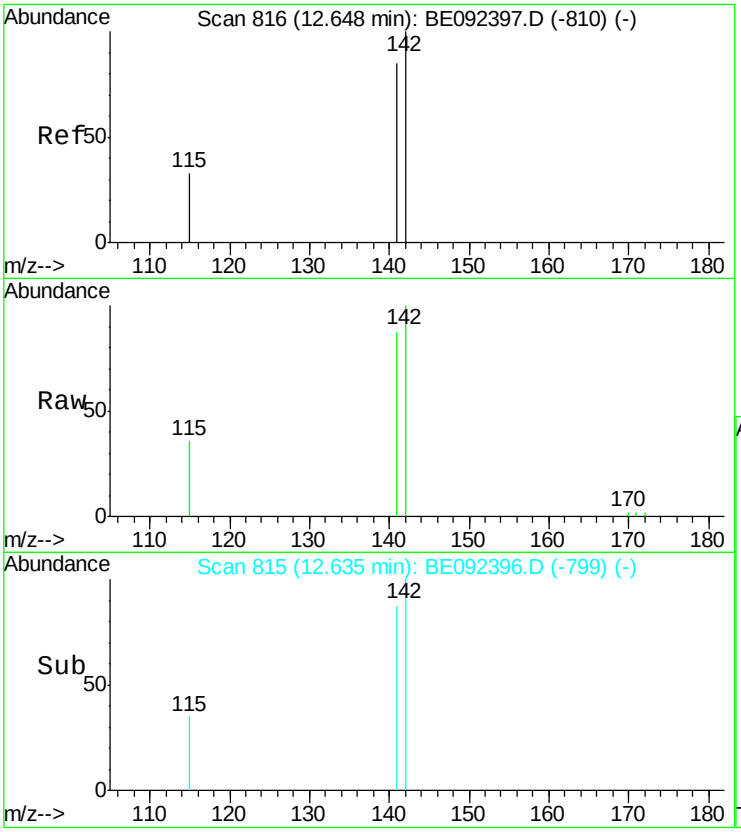


#10
Hexachlorobutadiene
Concen: 0.76 ng
RT: 11.28 min Scan# 725
Delta R.T. -0.02 min
Lab File: BE092396.D
Acq: 22 Sep 2016 15:23

Tgt Ion:225 Resp: 1100

Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.6	76.0
227	64.5	51.4	77.0

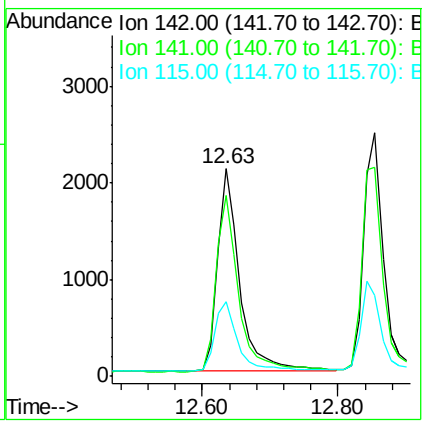




#11
2-Methylnaphthalene
Concen: 0.79 ng
RT: 12.63 min Scan# 815
Delta R.T. -0.01 min
Lab File: BE092396.D
Acq: 22 Sep 2016 15:23

Tgt Ion:142 Resp: 4801

Ion	Ratio	Lower	Upper
142	100		
141	87.3	73.7	110.5
115	36.2	34.0	51.0



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Manual Integrations APPROVED
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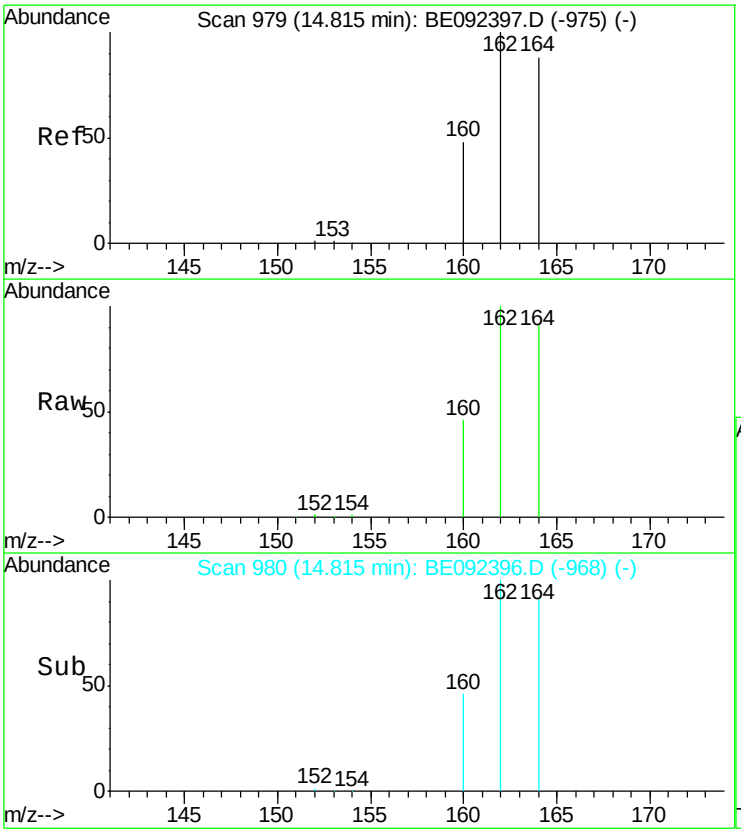
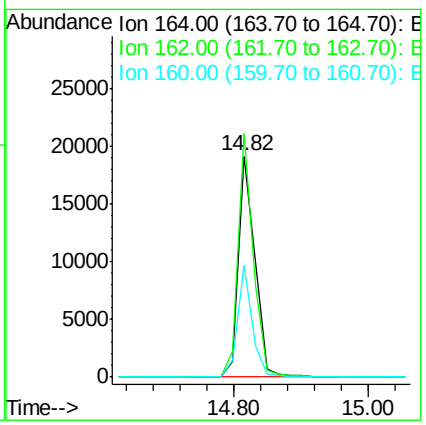
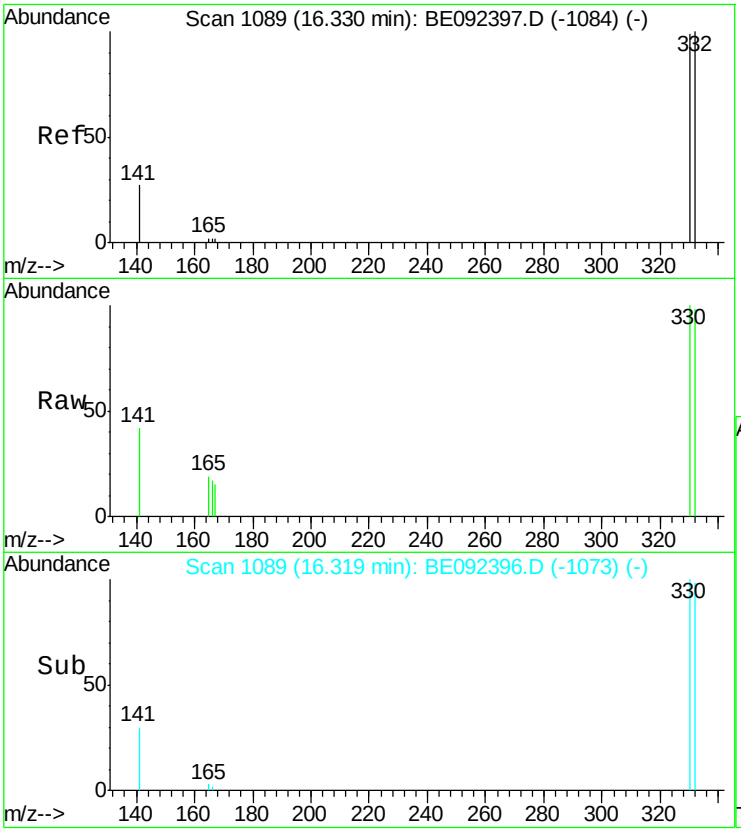


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.82 min Scan# 980
Delta R.T. 0.00 min
Lab File: BE092396.D
Acq: 22 Sep 2016 15:23

Tgt Ion:164 Resp: 32228

Ion	Ratio	Lower	Upper
164	100		
162	110.2	71.4	107.0#
160	50.5	27.4	41.2#

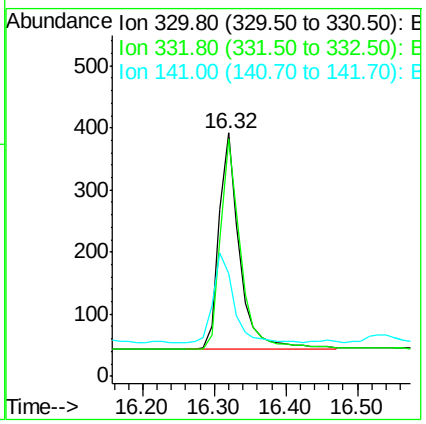




#13
2,4,6-Tribromophenol
Concen: 0.70 ng
RT: 16.32 min Scan# 1089
Delta R.T. -0.01 min
Lab File: BE092396.D
Acq: 22 Sep 2016 15:23

Tgt Ion:330 Resp: 701

Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.4	113.0
141	41.4	31.0	46.6



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Manual Integrations APPROVED
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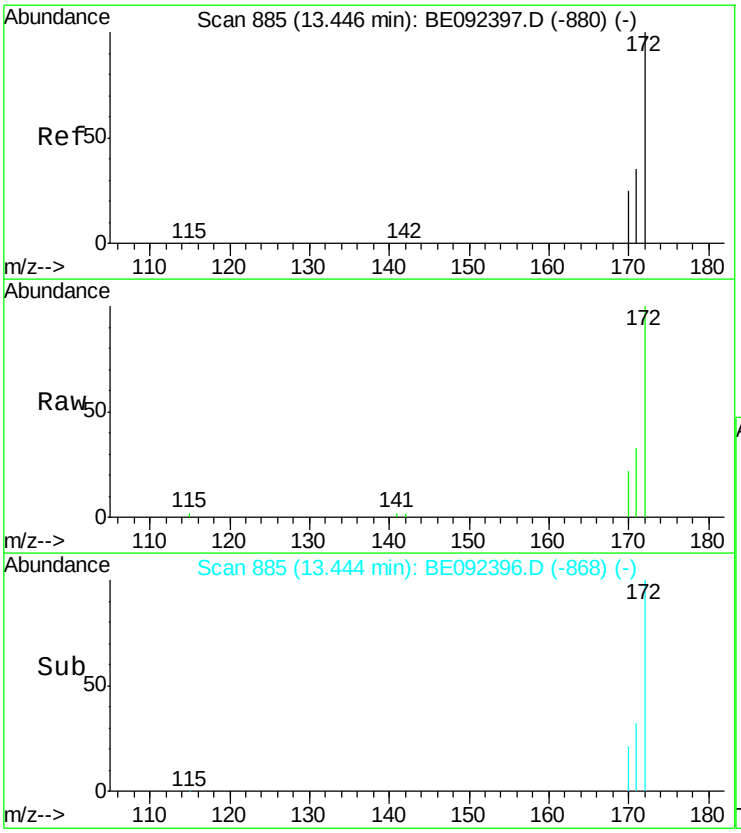
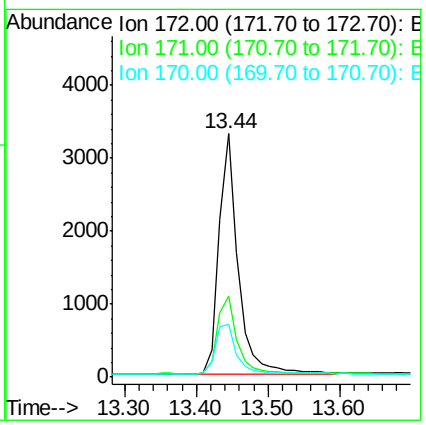
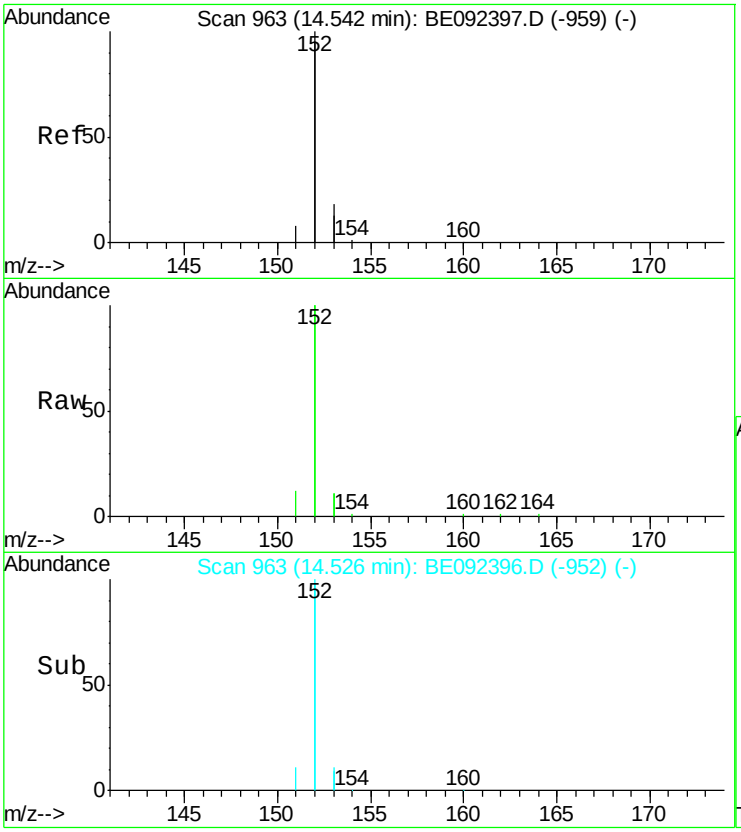


#14
2-Fluorobiphenyl
Concen: 0.62 ng
RT: 13.44 min Scan# 885
Delta R.T. -0.00 min
Lab File: BE092396.D
Acq: 22 Sep 2016 15:23

Tgt Ion:172 Resp: 6093

Ion	Ratio	Lower	Upper
172	100		
171	33.0	30.1	45.1
170	21.6	21.8	32.6#

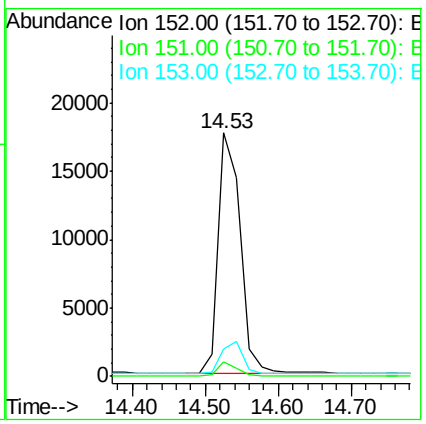




#15
Acenaphthylene
Concen: 0.67 ng
RT: 14.53 min Scan# 963
Delta R.T. -0.02 min
Lab File: BE092396.D
Acq: 22 Sep 2016 15:23

Tgt Ion:152 Resp: 37050

Ion	Ratio	Lower	Upper
152	100		
151	4.8	3.9	5.9
153	12.9	10.4	15.6



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Manual Integrations APPROVED
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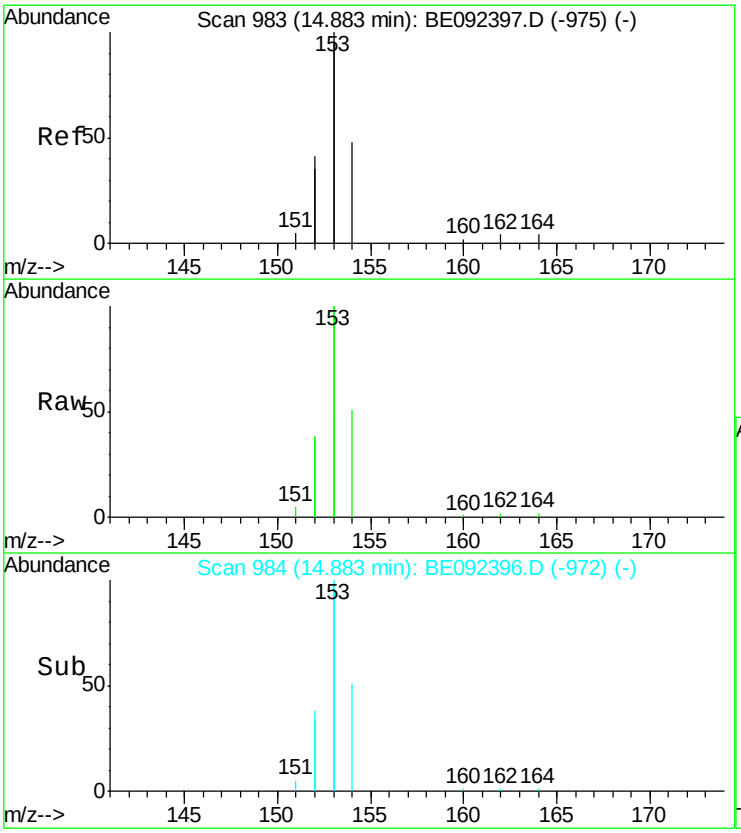
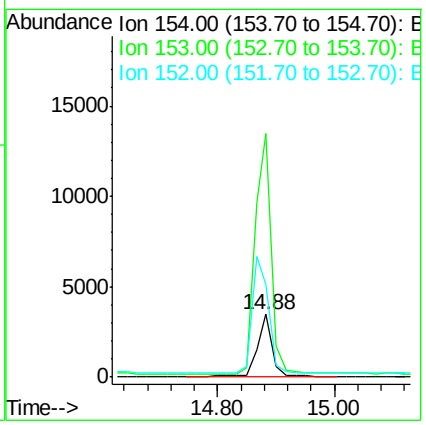
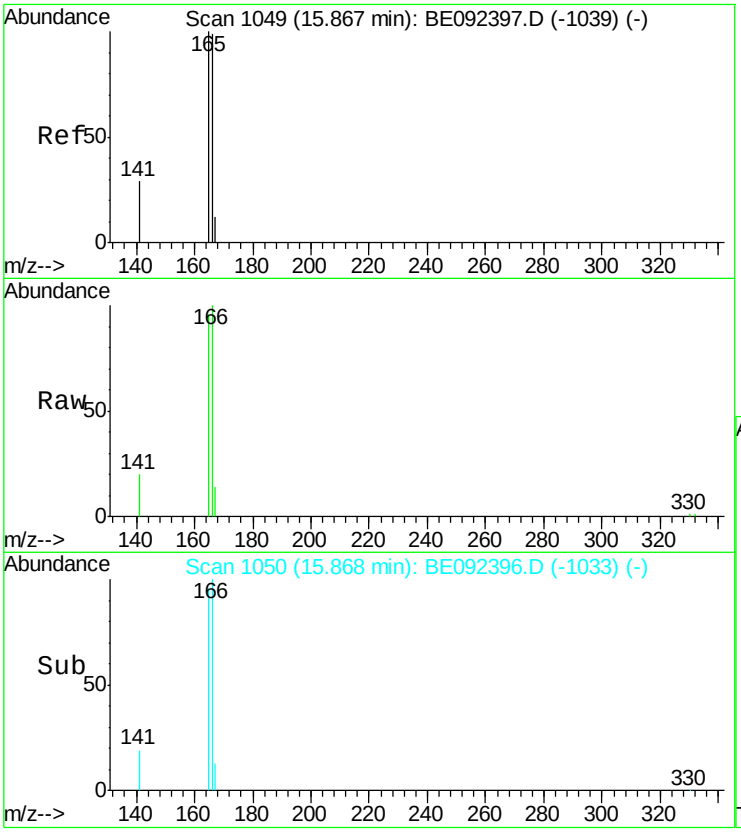


#16
Acenaphthene
Concen: 0.64 ng
RT: 14.88 min Scan# 984
Delta R.T. 0.00 min
Lab File: BE092396.D
Acq: 22 Sep 2016 15:23

Tgt Ion:154 Resp: 5781

Ion	Ratio	Lower	Upper
154	100		
153	442.7	350.8	526.2
152	219.7	171.1	256.7





#17
Fluorene
Concen: 0.66 ng
RT: 15.87 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BE092396.D
Acq: 22 Sep 2016 15:23

Tgt Ion:166 Resp: 7434

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.2	117.4
167	13.5	11.0	16.4

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

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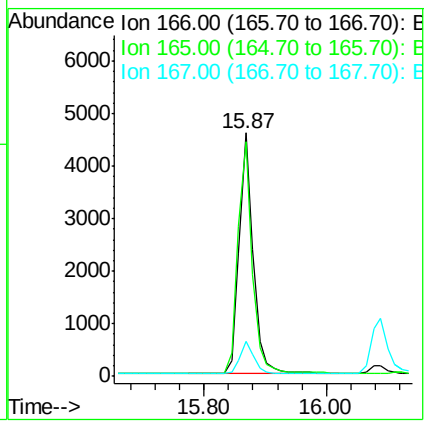
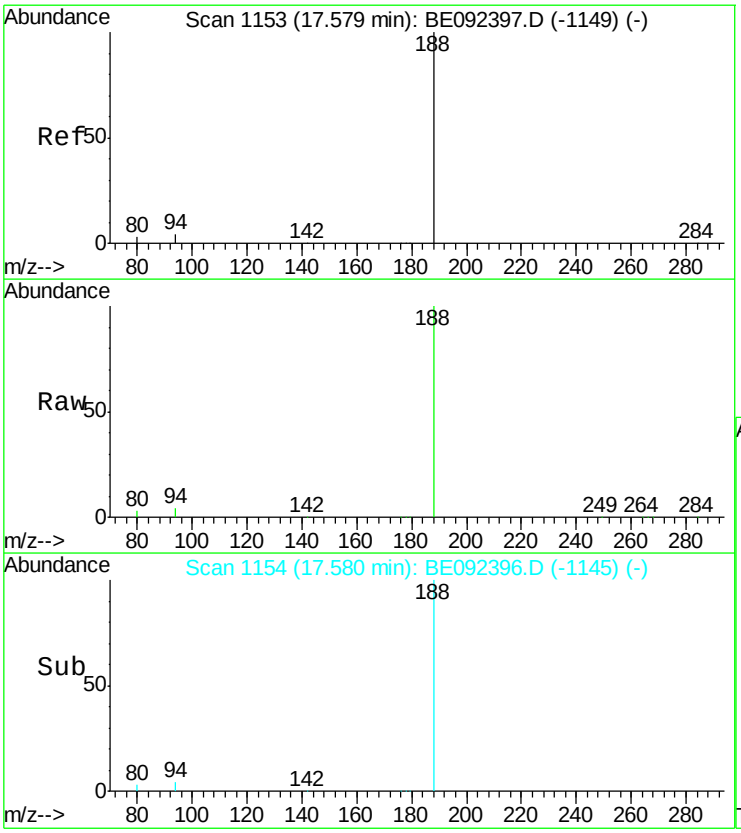
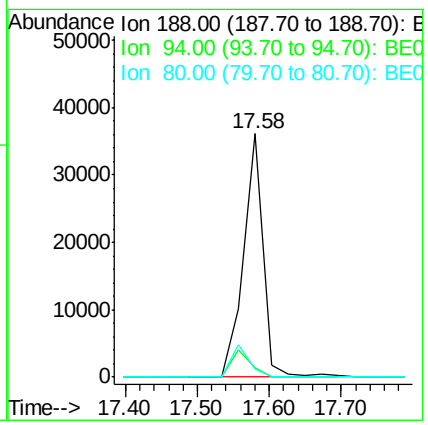


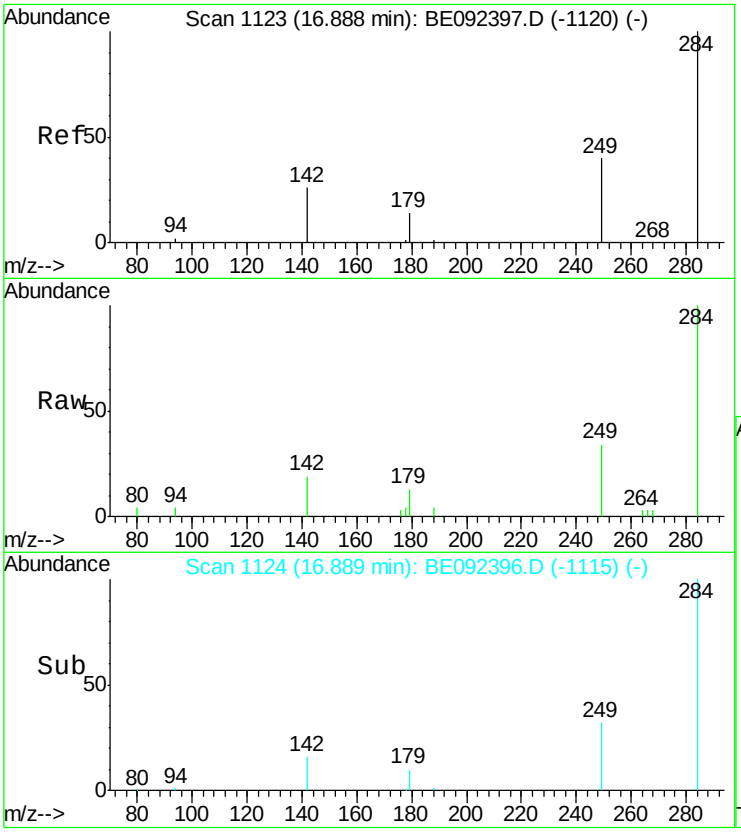


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.58 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE092396.D
Acq: 22 Sep 2016 15:23

Tgt Ion:188 Resp: 68070

Ion	Ratio	Lower	Upper
188	100		
94	3.7	3.2	4.8
80	3.1	2.6	3.8

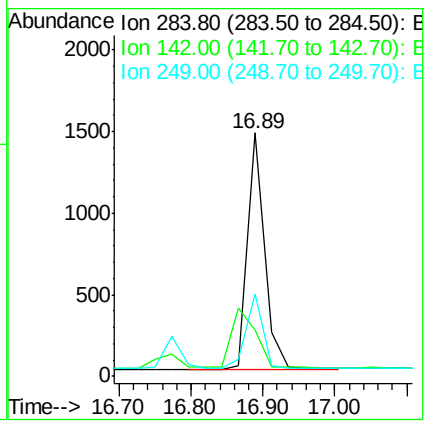




#19
Hexachlorobenzene
Concen: 0.73 ng
RT: 16.89 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BE092396.D
Acq: 22 Sep 2016 15:23

Tgt Ion:284 Resp: 2384

Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	31.4	27.9	41.9



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

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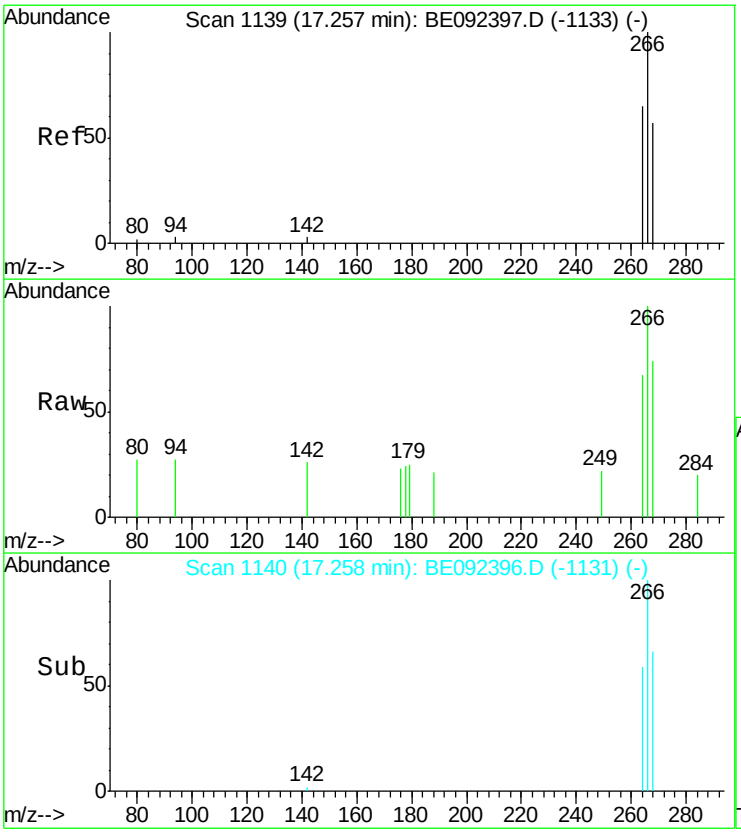
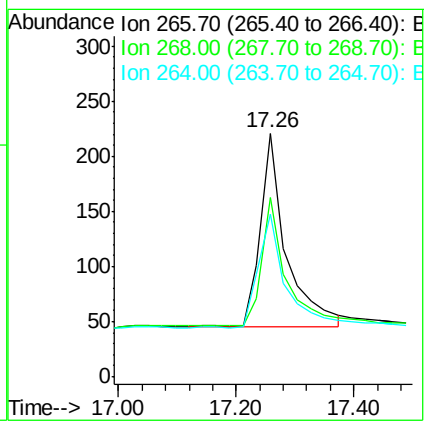
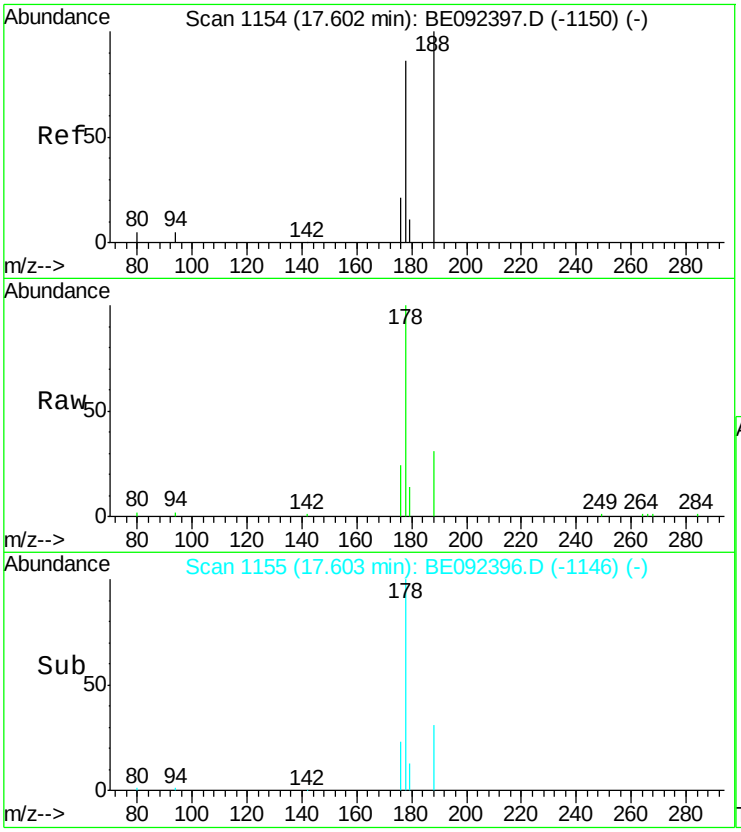


#20
Pentachlorophenol
Concen: 0.75 ng
RT: 17.26 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BE092396.D
Acq: 22 Sep 2016 15:23

Tgt Ion:266 Resp: 543

Ion	Ratio	Lower	Upper
266	100		
268	73.8	62.5	93.7
264	67.0	57.2	85.8

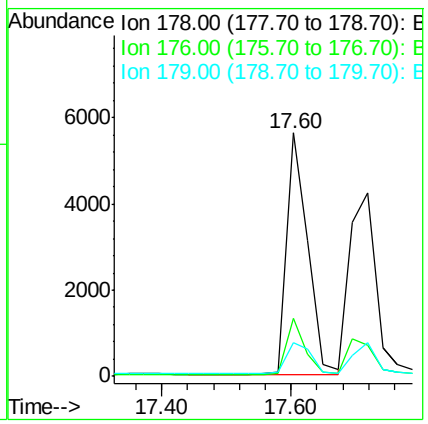




#21
Phenanthrene
Concen: 0.65 ng
RT: 17.60 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BE092396.D
Acq: 22 Sep 2016 15:23

Tgt Ion:178 Resp: 12528

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	15.3	16.0	24.0#



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

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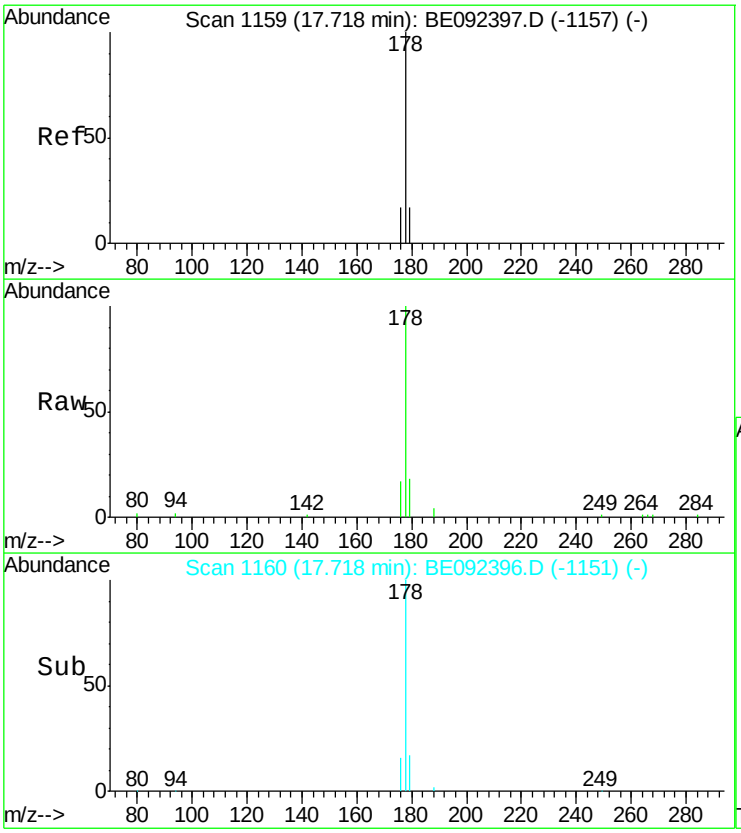
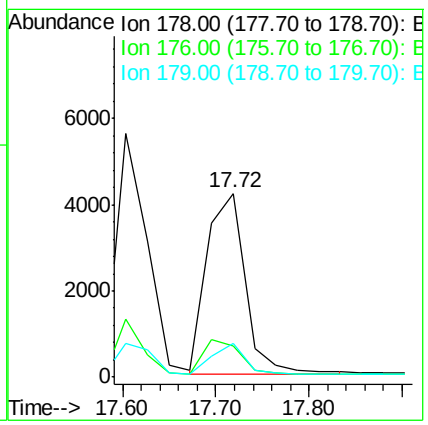
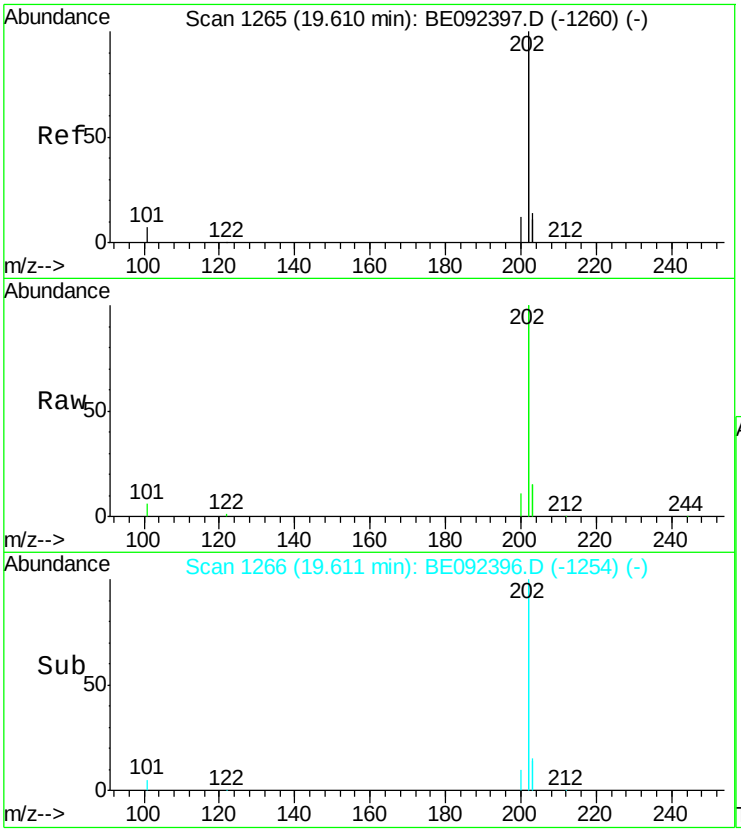


#22
Anthracene
Concen: 0.71 ng m
RT: 17.72 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BE092396.D
Acq: 22 Sep 2016 15:23

Tgt Ion:178 Resp: 12110

Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.0	22.4
179	15.5	12.2	18.2

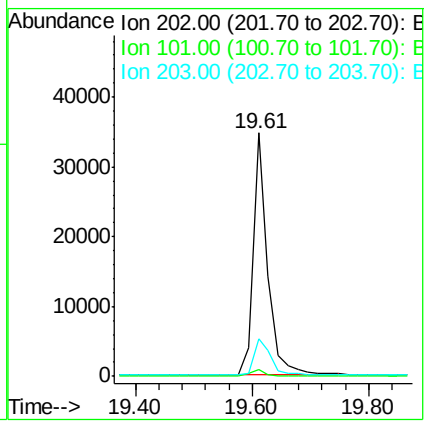




#23
Fluoranthene
Concen: 0.72 ng
RT: 19.61 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BE092396.D
Acq: 22 Sep 2016 15:23

Tgt Ion:202 Resp: 60440

Ion	Ratio	Lower	Upper
202	100		
101	2.8	2.2	3.4
203	17.4	13.7	20.5



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

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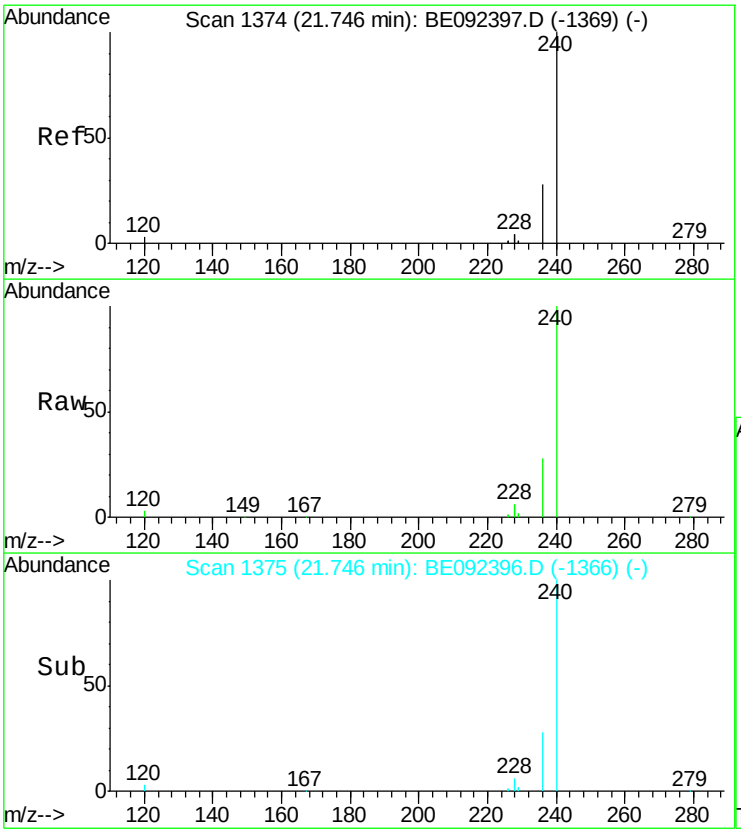
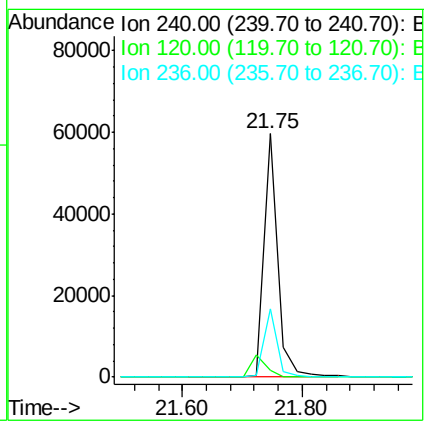
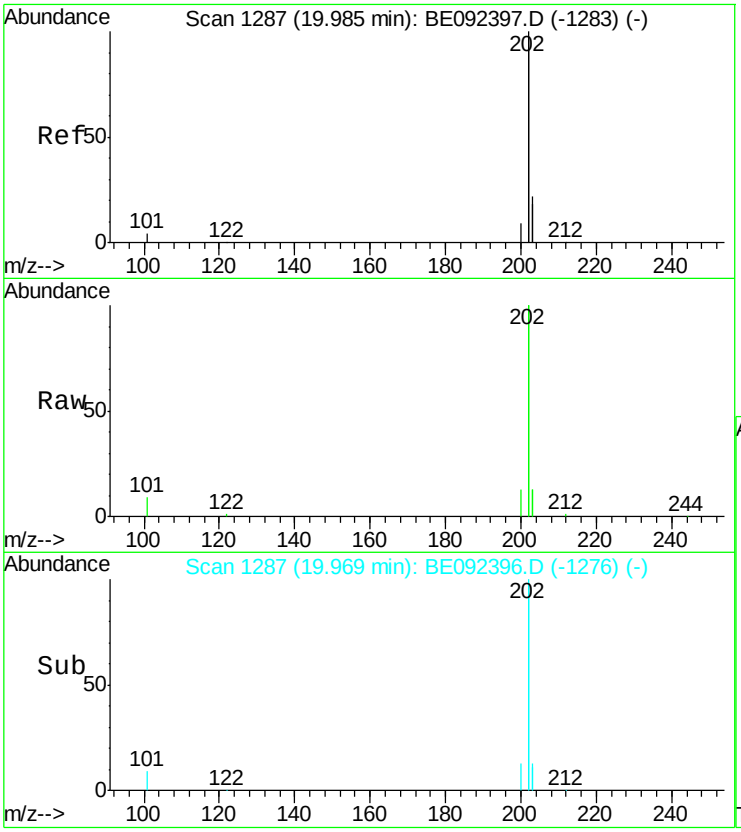


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE092396.D
Acq: 22 Sep 2016 15:23

Tgt Ion:240 Resp: 94635

Ion	Ratio	Lower	Upper
240	100		
120	2.8	2.6	4.0
236	27.9	24.6	37.0





#25
Pyrene
Concen: 0.68 ng
RT: 19.97 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BE092396.D
Acq: 22 Sep 2016 15:23

Tgt Ion:202 Resp: 62681

Ion	Ratio	Lower	Upper
202	100		
200	5.4	4.2	6.4
203	17.6	13.9	20.9

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

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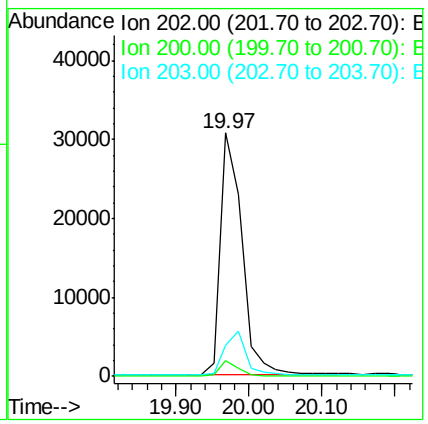
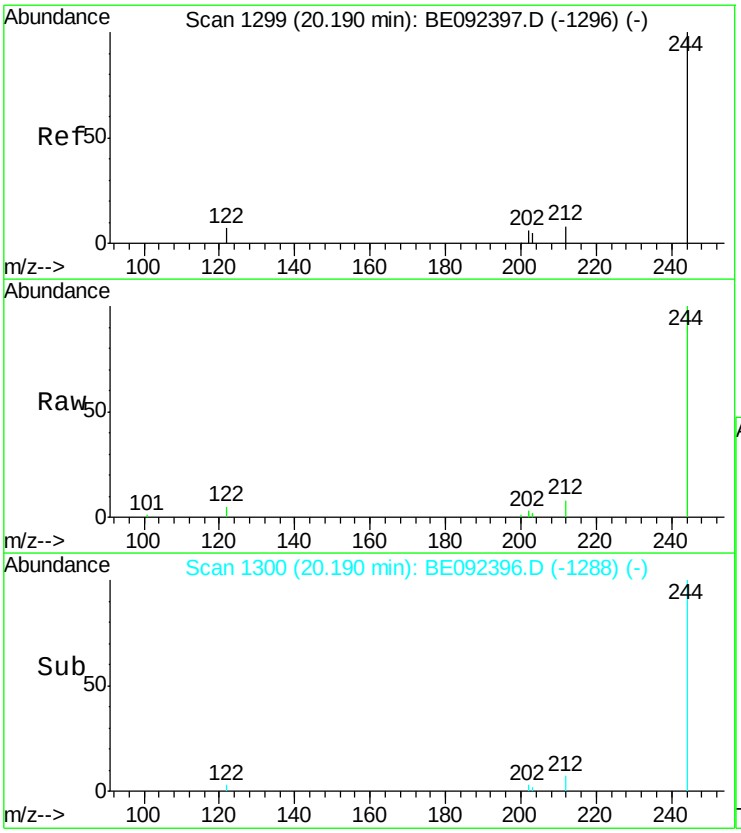
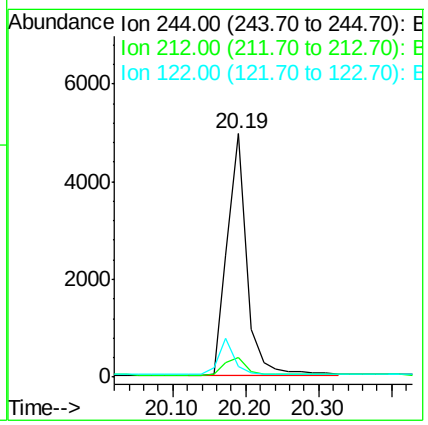


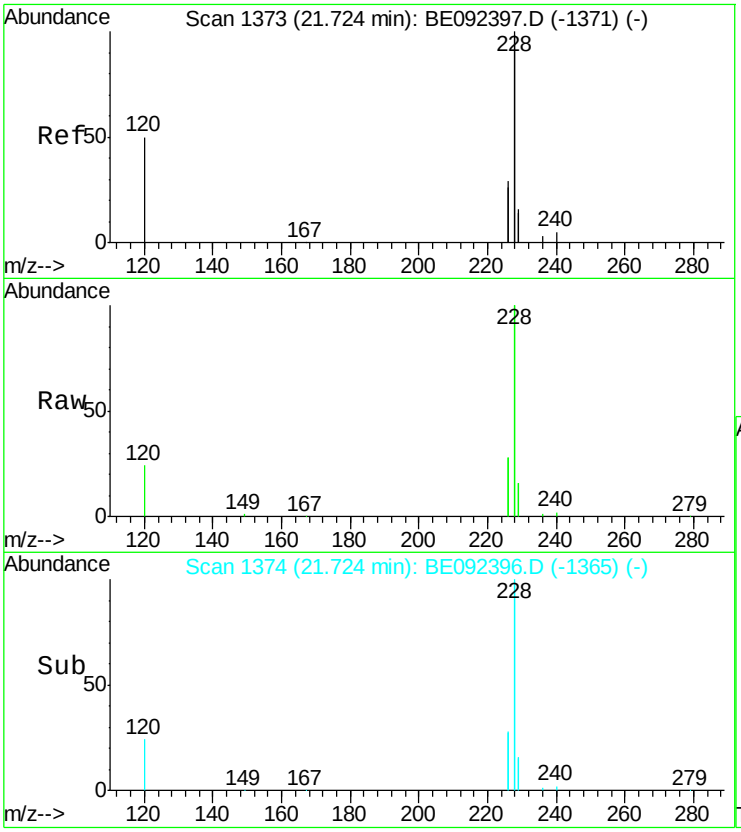


#26
Terphenyl-d14
Concen: 0.65 ng
RT: 20.19 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BE092396.D
Acq: 22 Sep 2016 15:23

Tgt Ion:244 Resp: 9123

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.7	10.1
122	4.6	3.6	5.4

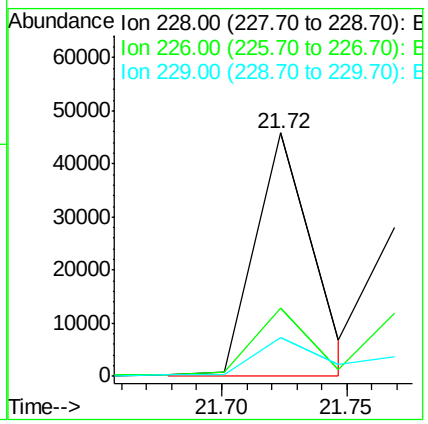




#27
Benzo(a)anthracene
Concen: 0.71 ng m
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092396.D
Acq: 22 Sep 2016 15:23

Tgt Ion:228 Resp: 72426

Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.6	35.4
229	15.8	13.3	19.9



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

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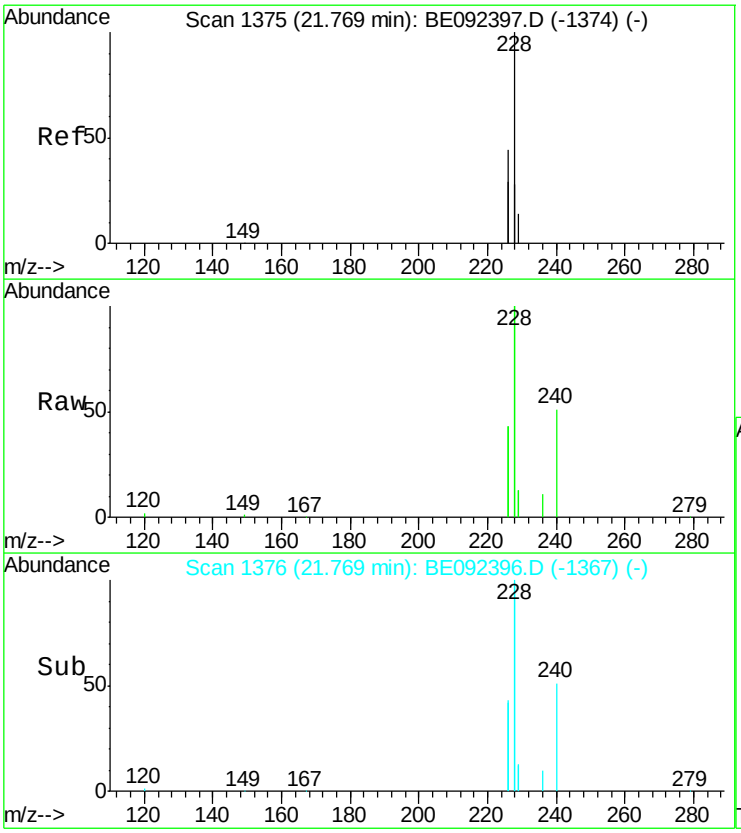
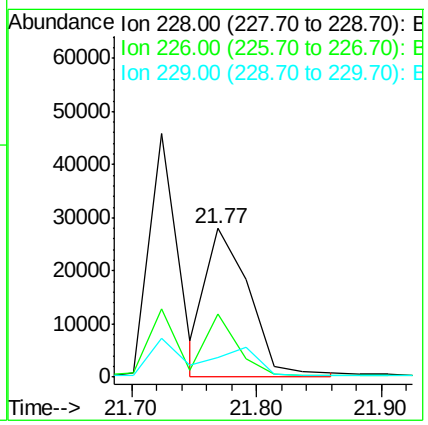
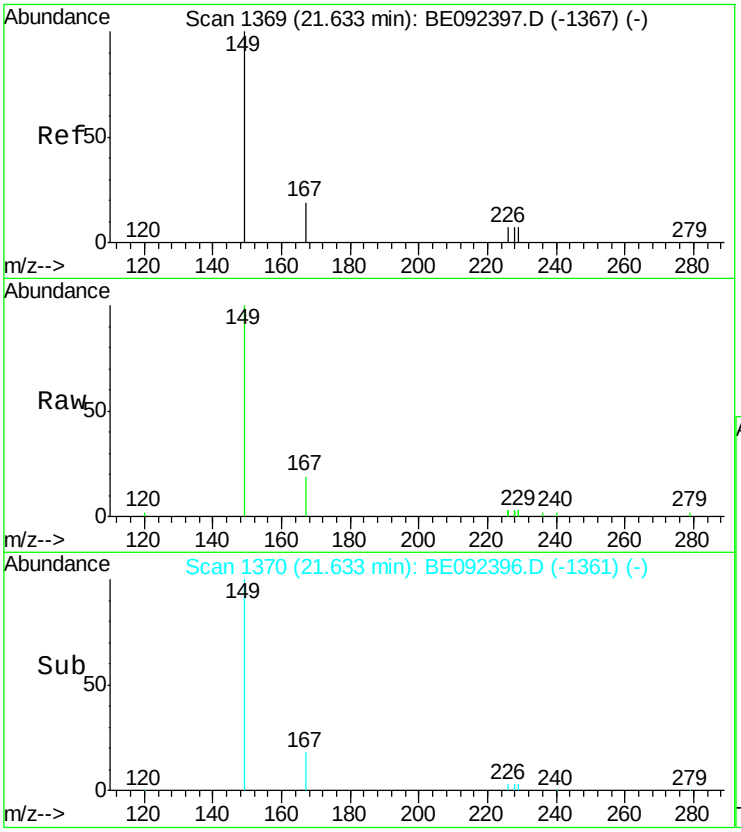


#28
Chrysene
Concen: 0.64 ng m
RT: 21.77 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BE092396.D
Acq: 22 Sep 2016 15:23

Tgt Ion:228 Resp: 67990

Ion	Ratio	Lower	Upper
228	100		
226	42.9	36.3	54.5
229	13.1	10.6	16.0





#29
Bis(2-ethylhexyl)phthalate
Concen: 0.45 ng
RT: 21.63 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BE092396.D
Acq: 22 Sep 2016 15:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

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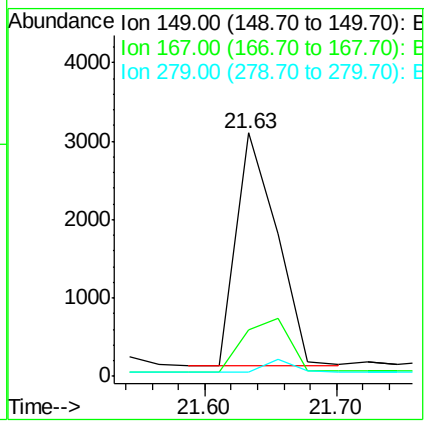
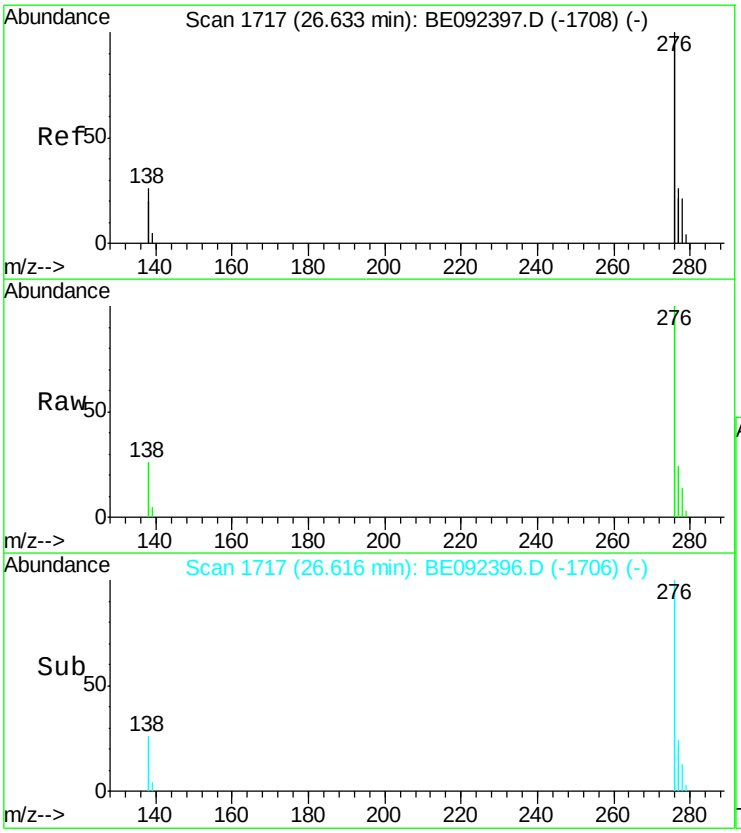
Tgt Ion:149 Resp: 6385

Ion	Ratio	Lower	Upper
149	100		
167	0.0	16.0	24.0#
279	0.0	16.0	24.0#

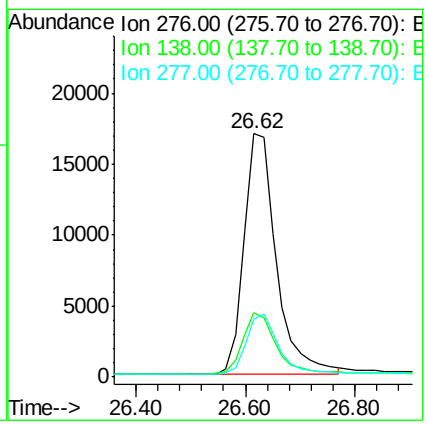


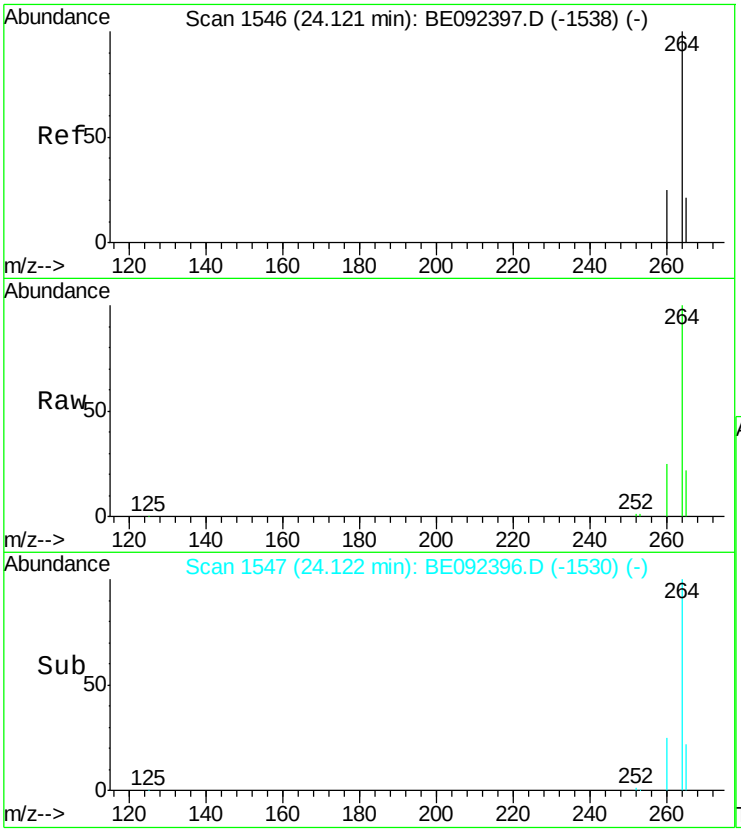


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.65 ng
RT: 26.62 min Scan# 1717
Delta R.T. -0.02 min
Lab File: BE092396.D
Acq: 22 Sep 2016 15:23

Tgt Ion:276 Resp: 69524

Ion	Ratio	Lower	Upper
276	100		
138	26.1	20.3	30.5
277	24.7	19.7	29.5





#31
Perylene-d12
Concen: 5.00 ng
RT: 24.12 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BE092396.D
Acq: 22 Sep 2016 15:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

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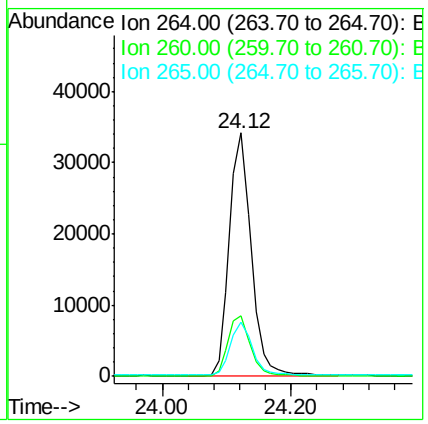
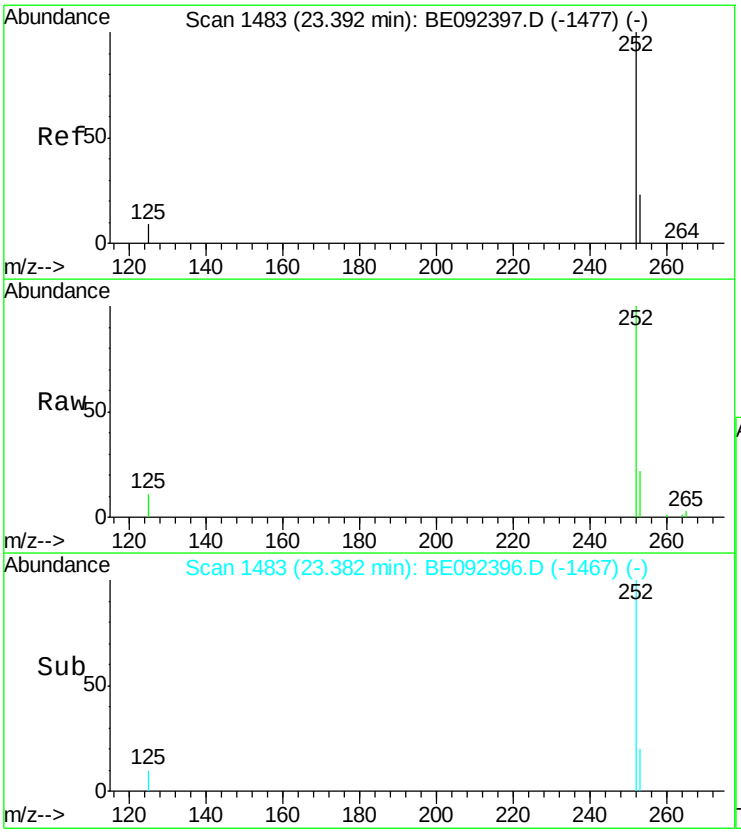
Tgt Ion:264 Resp: 80596

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.1	30.1
265	22.3	17.9	26.9

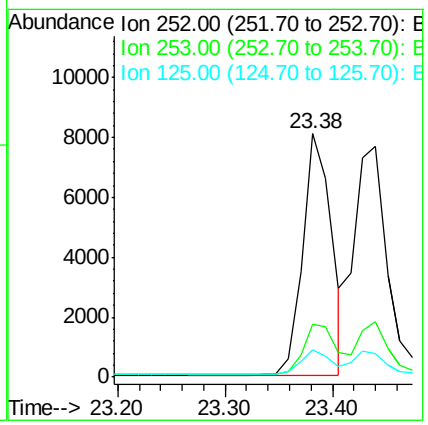


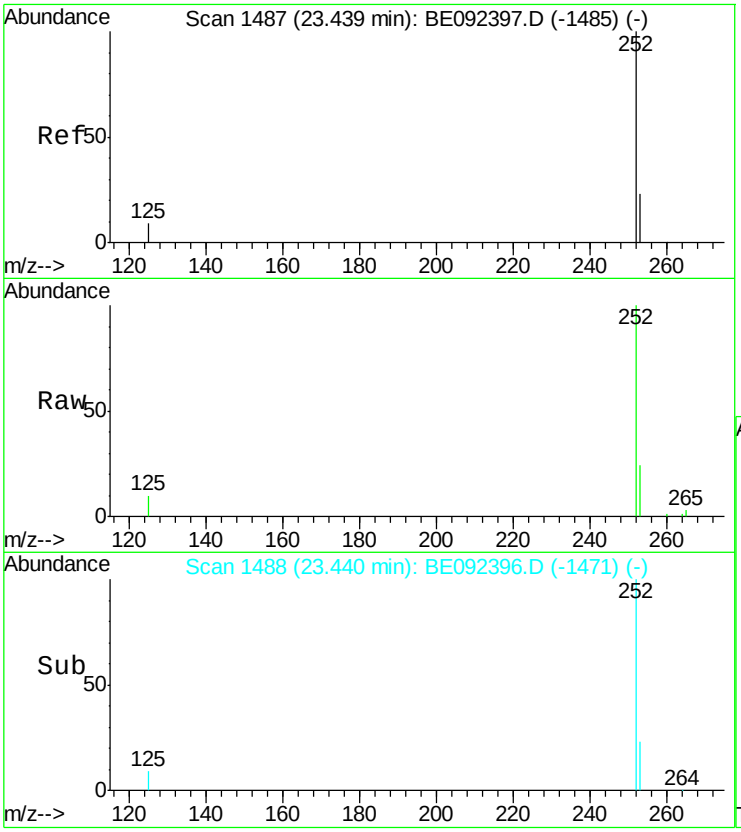


#32
Benzo(b)fluoranthene
Concen: 0.72 ng
RT: 23.38 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BE092396.D
Acq: 22 Sep 2016 15:23

Tgt Ion:252 Resp: 14906

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.7	28.1
125	11.4	10.5	15.7





#33
Benzo(k)fluoranthene
Concen: 0.77 ng
RT: 23.44 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BE092396.D
Acq: 22 Sep 2016 15:23

Tgt Ion:252 Resp: 16732

Ion	Ratio	Lower	Upper
252	100		
253	24.3	20.3	30.5
125	10.1	9.6	14.4

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

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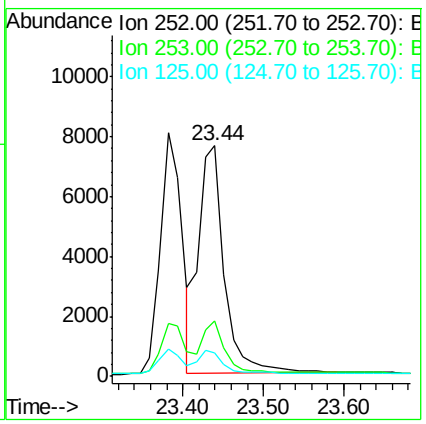
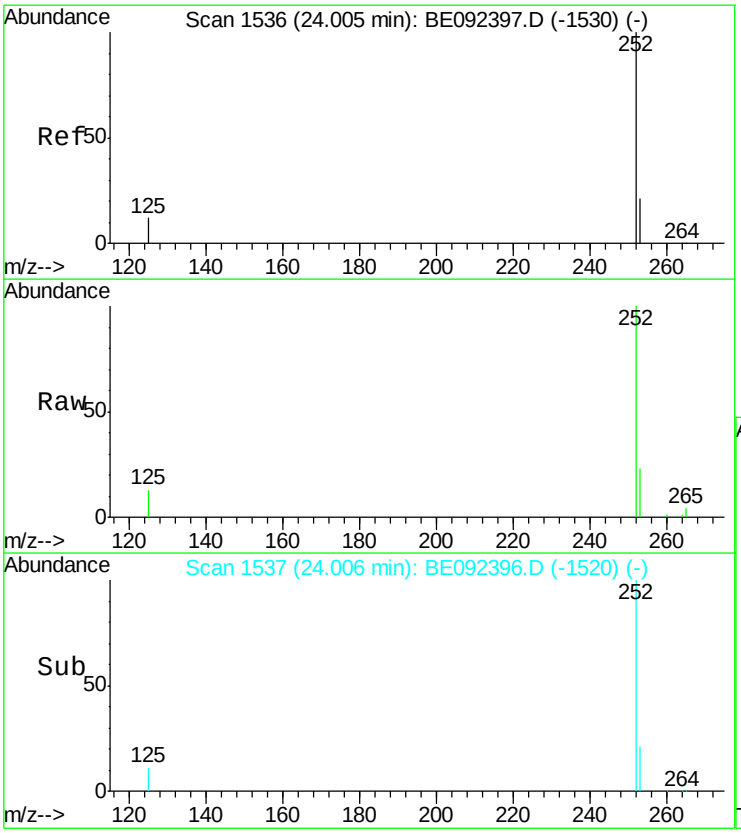
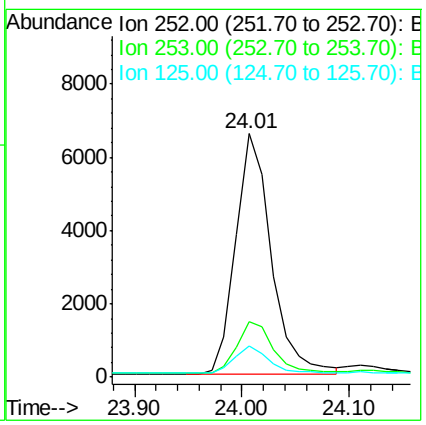


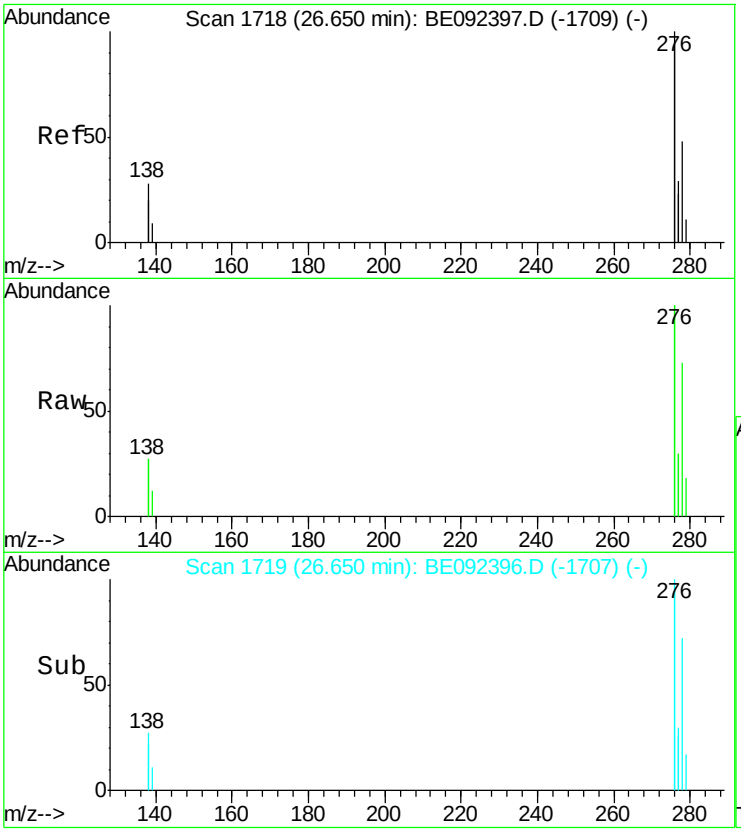


#34
Benzo(a)pyrene
Concen: 0.74 ng
RT: 24.01 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BE092396.D
Acq: 22 Sep 2016 15:23

Tgt Ion:252 Resp: 15026

Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.0	28.6
125	12.5	11.8	17.8

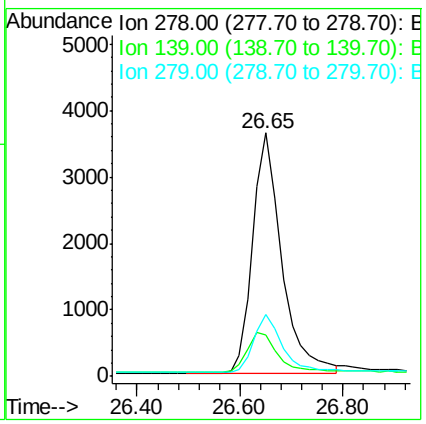




#35
Dibenzo(a,h)anthracene
Concen: 0.74 ng
RT: 26.65 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BE092396.D
Acq: 22 Sep 2016 15:23

Tgt Ion:278 Resp: 14041

Ion	Ratio	Lower	Upper
278	100		
139	16.9	13.8	20.8
279	25.3	21.4	32.2



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

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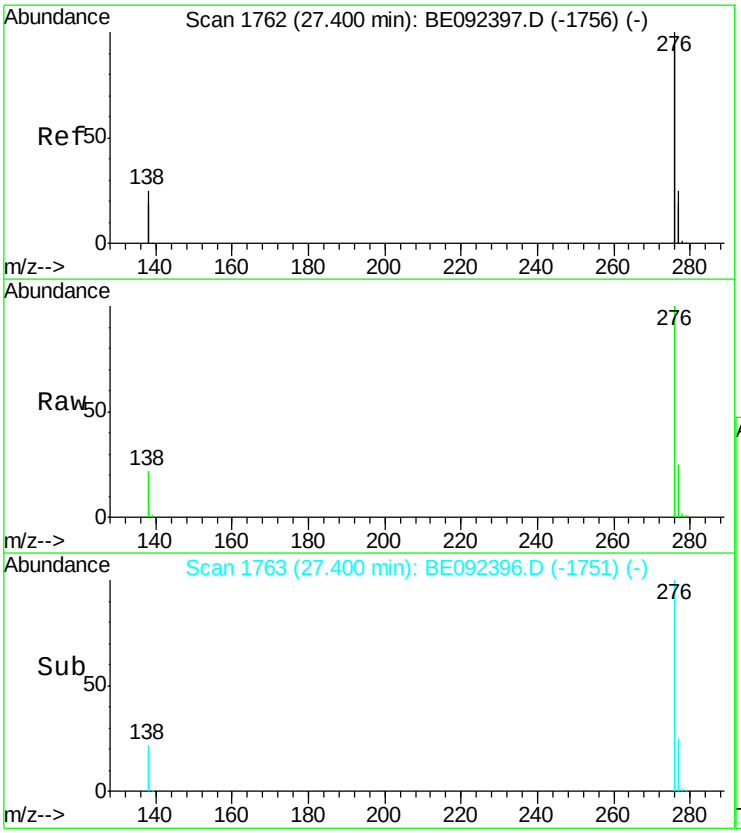

#36
Benzo(g,h,i)perylene
Concen: 0.75 ng
RT: 27.40 min Scan# 1763
Delta R.T. 0.00 min
Lab File: BE092396.D
Acq: 22 Sep 2016 15:23

Tgt Ion:276 Resp: 59708

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.8	29.8
138	22.2	19.8	29.6