Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE090116\
Data File : BE092327.D
Acq On : 1 Sep 2016 13:57
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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Quant Time: Sep 02 03:21:34 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 03:16:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	8315	5.00	ng		0.00
7) Naphthalene-d8	10.95	136	40339	5.00	ng		0.00
12) Acenaphthene-d10	14.83	164	25959	5.00	ng		0.00
18) Phenanthrene-d10	17.58	188	63858	5.00	ng		0.00
24) Chrysene-d12	21.75	240	95397	5.00	ng		0.00
31) Perylene-d12	24.12	264	88524	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.68	112	1702	0.89	ng		0.00
5) Phenol-d6	7.36	99	2196	0.87	ng		0.00
8) Nitrobenzene-d5	9.34	82	2196	0.82	ng		-0.02
13) 2,4,6-Tribromophenol	16.32	330	752	1.01	ng		0.00
14) 2-Fluorobiphenyl	13.44	172	6267	0.78	ng		0.00
26) Terphenyl-d14	20.19	244	10182	0.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	901	0.77	ng		97
3) n-Nitrosodimethylamine	3.78	42	1020	0.82	ng		96
6) bis(2-Chloroethyl)ether	7.59	93	1836	0.93	ng	#	100
9) Naphthalene	11.01	128	7202	0.81	ng		96
10) Hexachlorobutadiene	11.30	225	1122	0.83	ng		100
11) 2-Methylnaphthalene	12.64	142	4786	0.86	ng		93
15) Acenaphthylene	14.54	152	35296	0.80	ng		100
16) Acenaphthene	14.88	154	5552	0.77	ng		96
17) Fluorene	15.87	166	7400	0.84	ng		100
19) Hexachlorobenzene	16.89	284	2372	0.90	ng	#	64
20) Pentachlorophenol	17.24	266	658	0.99	ng	#	83
21) Phenanthrene	17.60	178	12765	0.85	ng	#	99
22) Anthracene	17.70	178	11856m	0.85	ng		
23) Fluoranthene	19.61	202	63160	0.92	ng		99
25) Pyrene	19.97	202	68198	0.77	ng		99
27) Benzo(a)anthracene	21.72	228	81869m	0.81	ng		
28) Chrysene	21.77	228	69786m	0.78	ng		
29) Bis(2-ethylhexyl)phthalate	21.63	149	7937	1.16	ng	#	100
30) Indeno(1,2,3-cd)pyrene	26.62	276	82414	0.88	ng		100
32) Benzo(b)fluoranthene	23.38	252	18096	0.86	ng		96
33) Benzo(k)fluoranthene	23.43	252	19018	0.80	ng		94
34) Benzo(a)pyrene	24.01	252	17755	0.84	ng		98
35) Dibenzo(a,h)anthracene	26.63	278	16885	0.90	ng		97
36) Benzo(g,h,i)perylene	27.38	276	69464	0.84	ng		96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE090116\
Data File : BE092327.D
Acq On : 1 Sep 2016 13:57
Operator : UM/SJ
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 02 03:21:34 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 03:16:21 2016
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Manual Integrations APPROVED
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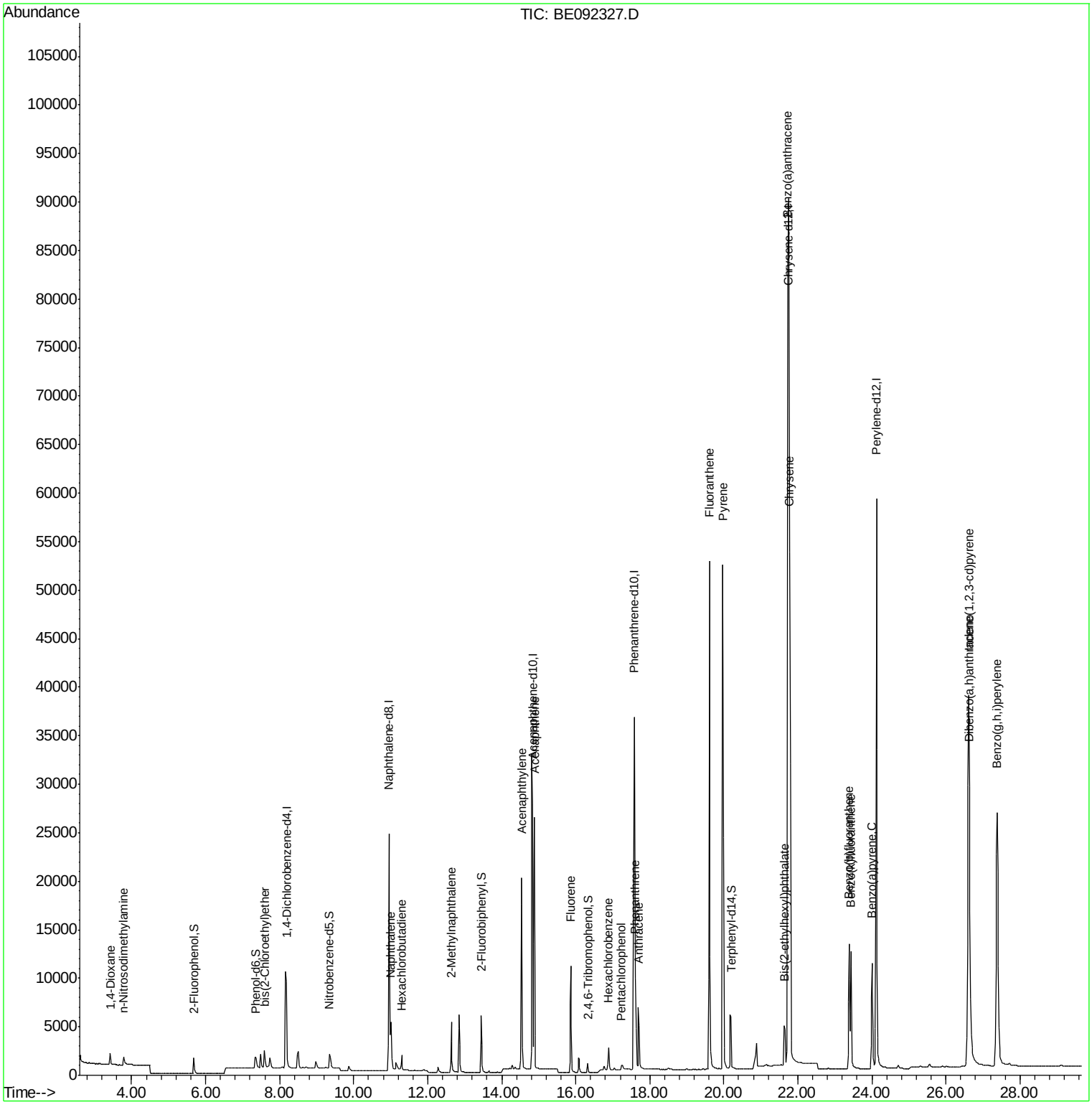
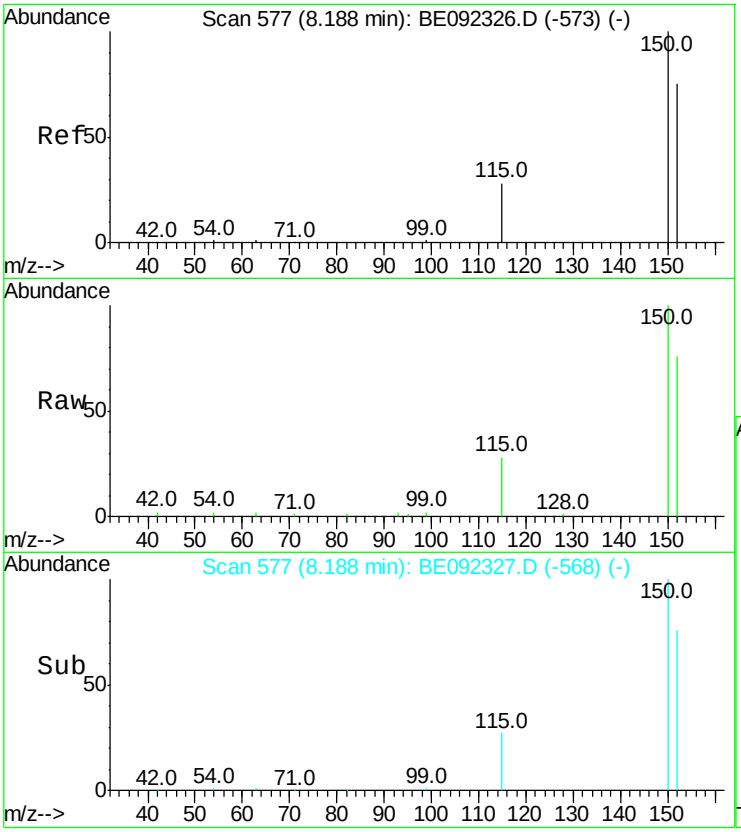
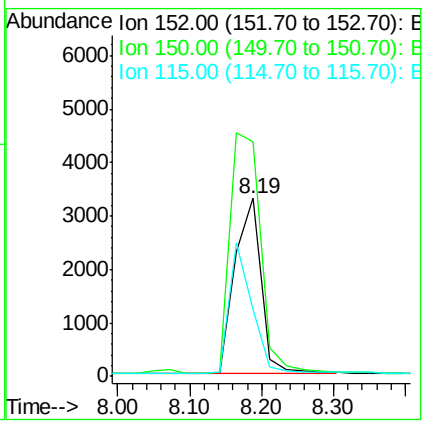




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.19 min Scan# 577
Delta R.T. 0.00 min
Lab File: BE092327.D
Acq: 1 Sep 2016 13:57

Tgt Ion:152 Resp: 8315

Ion	Ratio	Lower	Upper
152	100		
150	131.5	106.0	159.0
115	37.4	31.2	46.8



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Manual Integrations APPROVED
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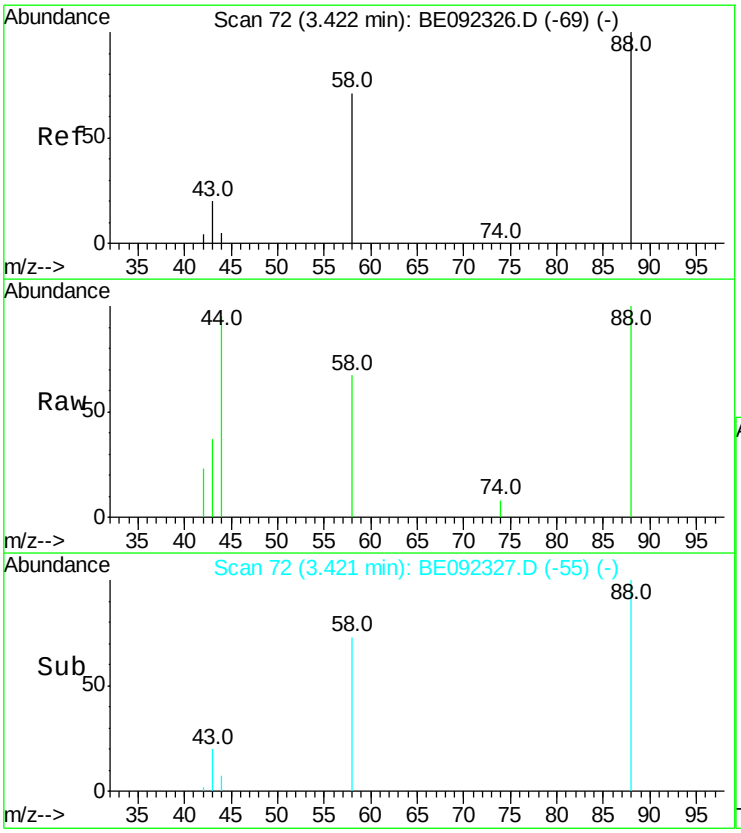
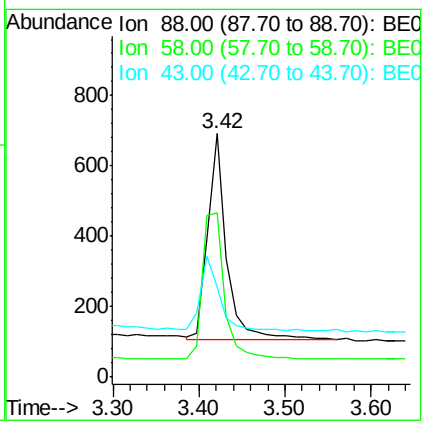
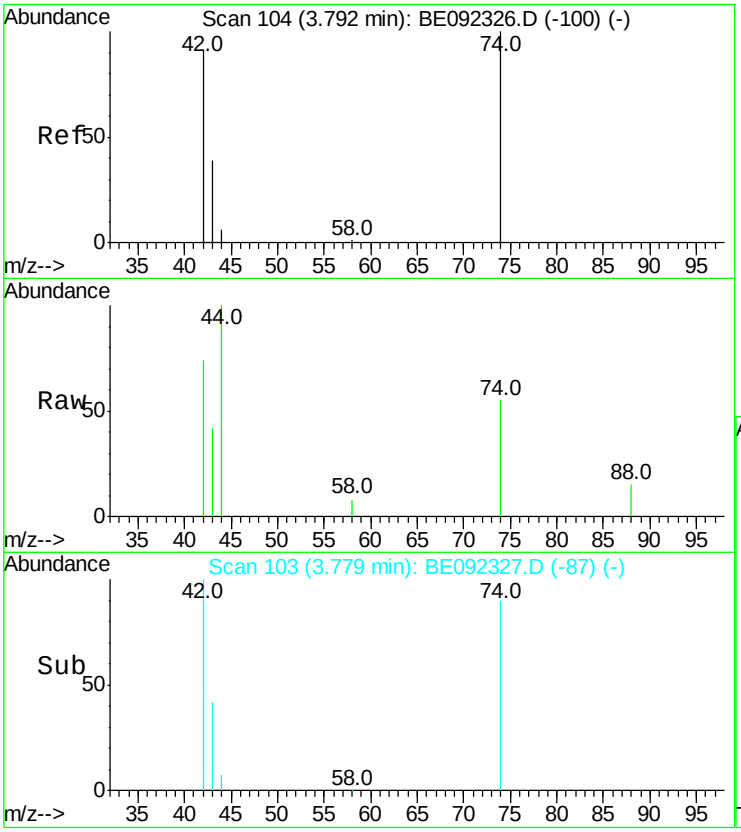


#2
1,4-Dioxane
Concen: 0.77 ng
RT: 3.42 min Scan# 72
Delta R.T. -0.00 min
Lab File: BE092327.D
Acq: 1 Sep 2016 13:57

Tgt Ion: 88 Resp: 901

Ion	Ratio	Lower	Upper
88	100		
58	82.4	63.6	95.4
43	36.8	28.0	42.0

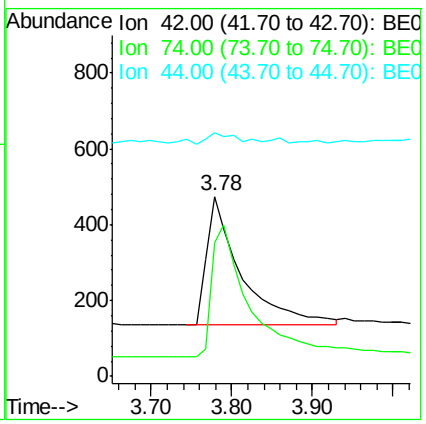




#3
n-Nitrosodimethylamine
Concen: 0.82 ng
RT: 3.78 min Scan# 103
Delta R.T. -0.01 min
Lab File: BE092327.D
Acq: 1 Sep 2016 13:57

Tgt Ion: 42 Resp: 1020

Ion	Ratio	Lower	Upper
42	100		
74	111.3	86.0	129.0
44	5.3	5.1	7.7



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

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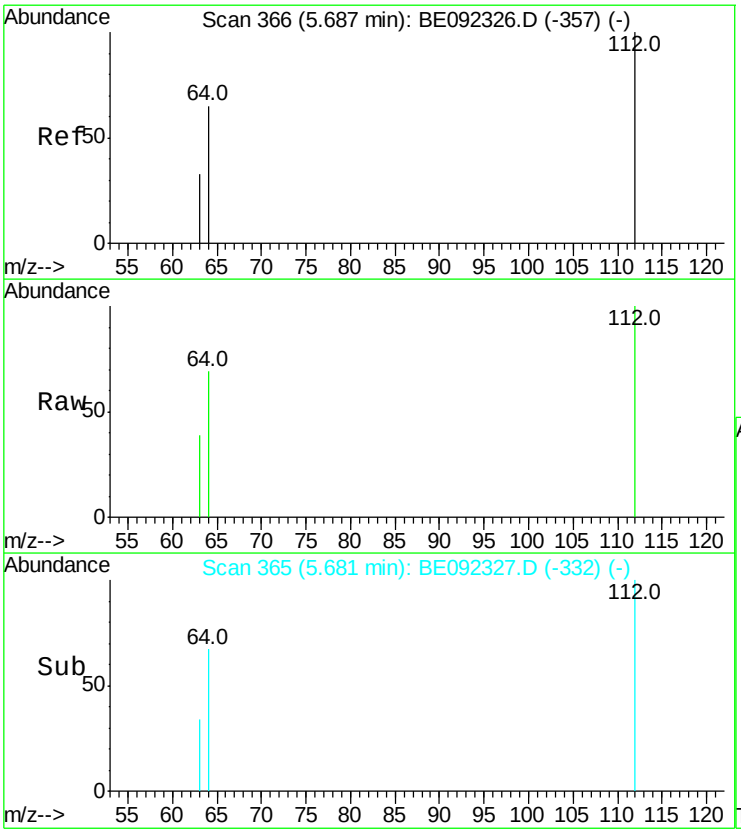
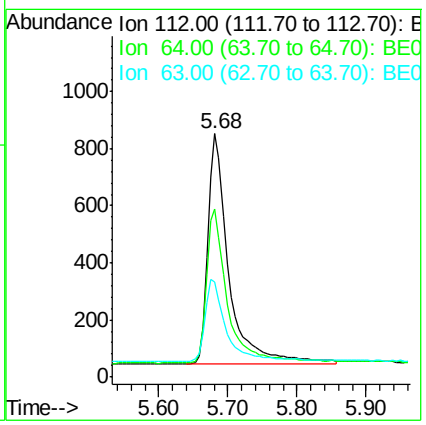
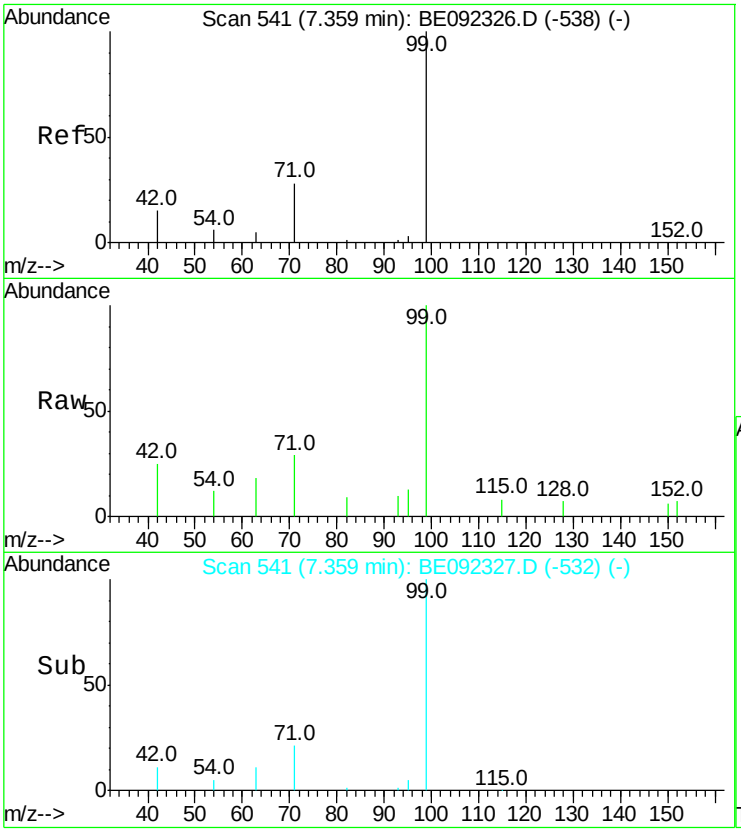


#4
2-Fluorophenol
Concen: 0.89 ng
RT: 5.68 min Scan# 365
Delta R.T. -0.01 min
Lab File: BE092327.D
Acq: 1 Sep 2016 13:57

Tgt Ion:112 Resp: 1702

Ion	Ratio	Lower	Upper
112	100		
64	66.4	53.5	80.3
63	35.8	27.9	41.9





#5
Phenol-d6
Concen: 0.87 ng
RT: 7.36 min Scan# 541
Delta R.T. 0.00 min
Lab File: BE092327.D
Acq: 1 Sep 2016 13:57

Tgt Ion: 99 Resp: 2196

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

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

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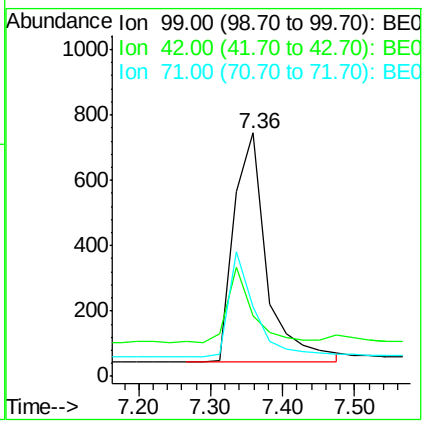
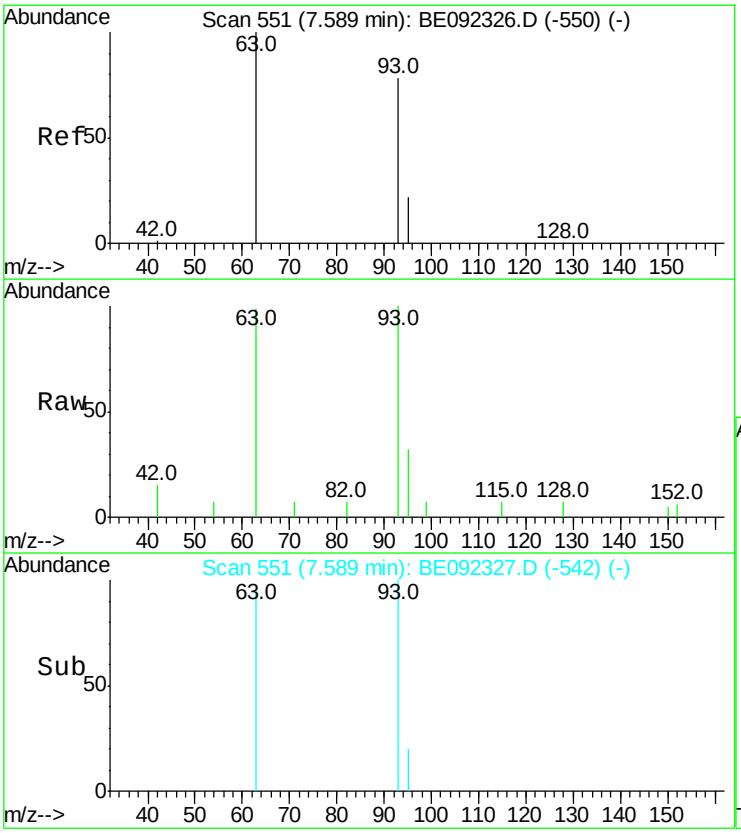
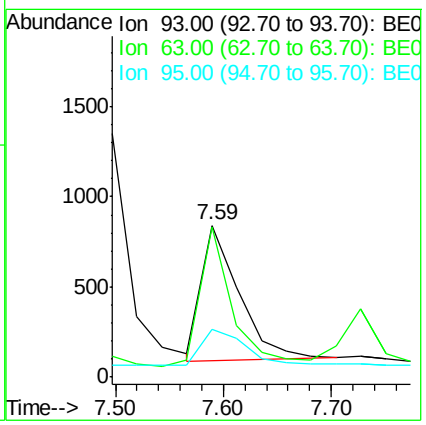


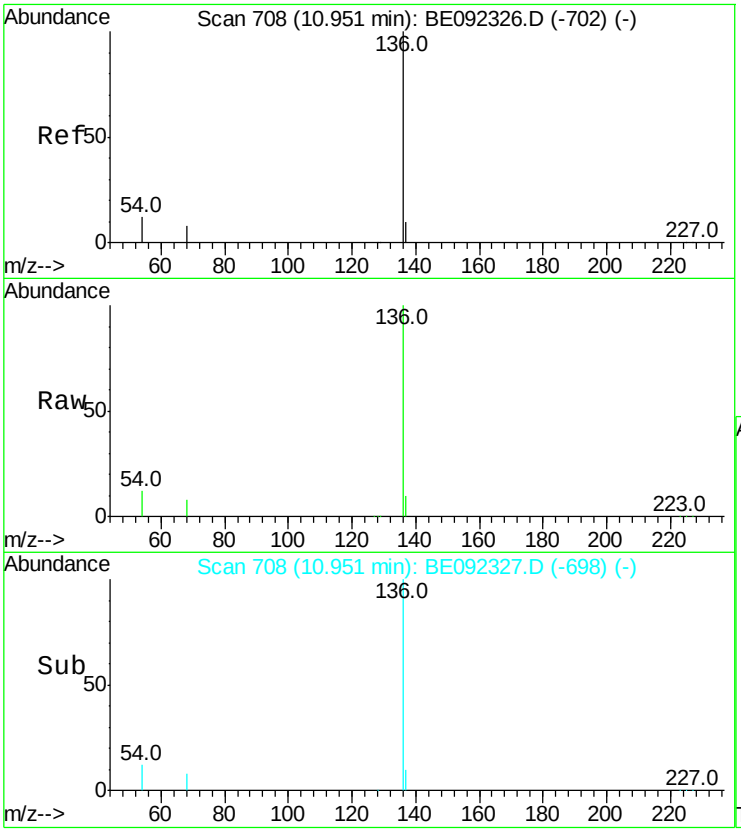


#6
bis(2-Chloroethyl)ether
Concen: 0.93 ng
RT: 7.59 min Scan# 551
Delta R.T. 0.00 min
Lab File: BE092327.D
Acq: 1 Sep 2016 13:57

Tgt Ion: 93 Resp: 1836

Ion	Ratio	Lower	Upper
93	100		
63	89.1	71.6	107.4
95	31.7	0.0	0.0#

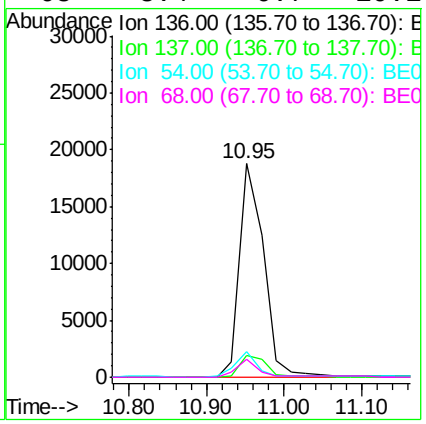




#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.95 min Scan# 708
Delta R.T. -0.00 min
Lab File: BE092327.D
Acq: 1 Sep 2016 13:57

Tgt Ion:136 Resp: 40339

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.2	12.4
54	12.1	9.6	14.4
68	8.4	6.7	10.1



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

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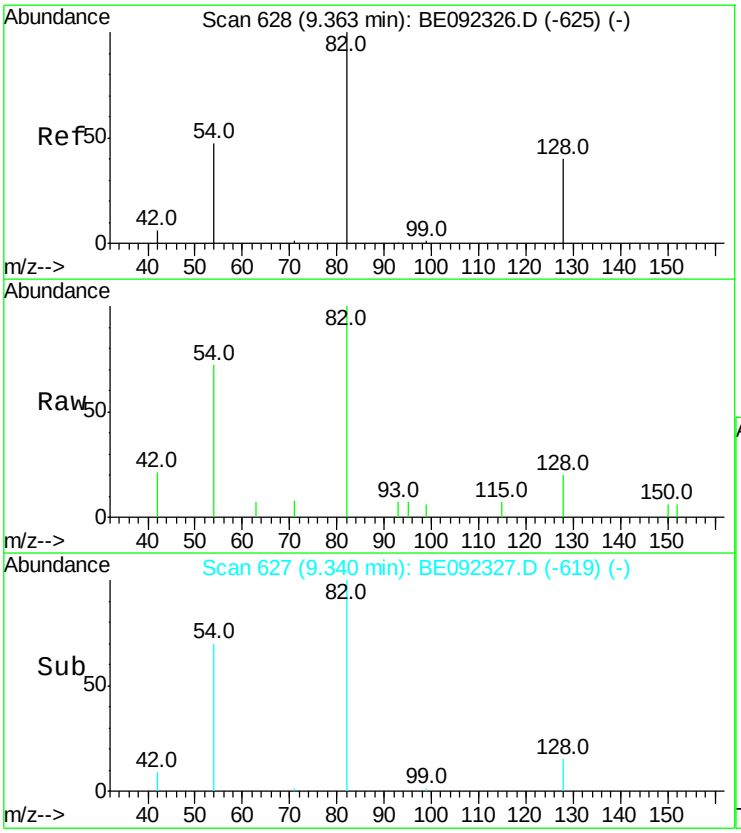
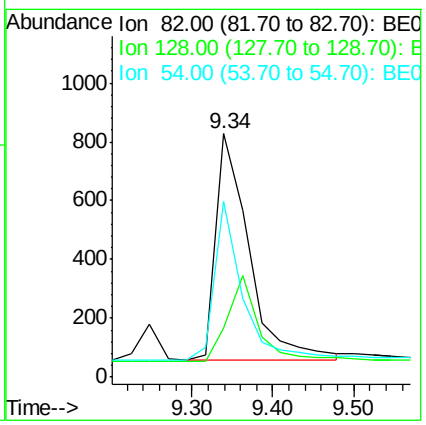
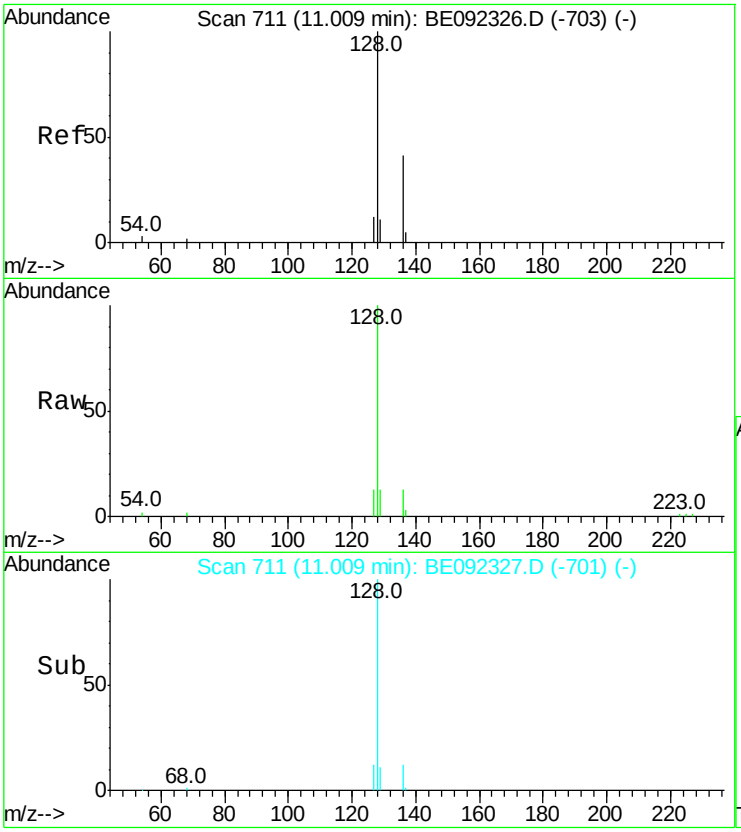


#8
Nitrobenzene-d5
Concen: 0.82 ng
RT: 9.34 min Scan# 627
Delta R.T. -0.02 min
Lab File: BE092327.D
Acq: 1 Sep 2016 13:57

Tgt Ion: 82 Resp: 2196

Ion	Ratio	Lower	Upper
82	100		
128	20.2	39.0	58.4#
54	72.3	44.8	67.2#

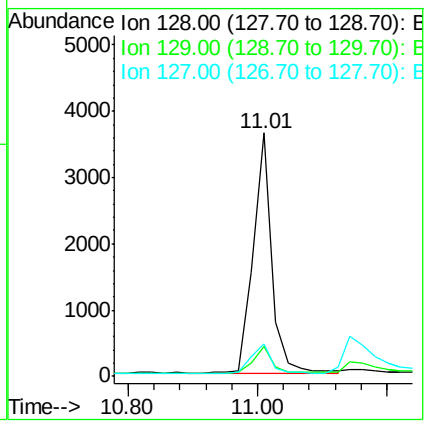




#9
Naphthalene
Concen: 0.81 ng
RT: 11.01 min Scan# 711
Delta R.T. -0.00 min
Lab File: BE092327.D
Acq: 1 Sep 2016 13:57

Tgt Ion:128 Resp: 7202

Ion	Ratio	Lower	Upper
128	100		
129	12.5	11.2	16.8
127	13.1	11.6	17.4



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Manual Integrations APPROVED
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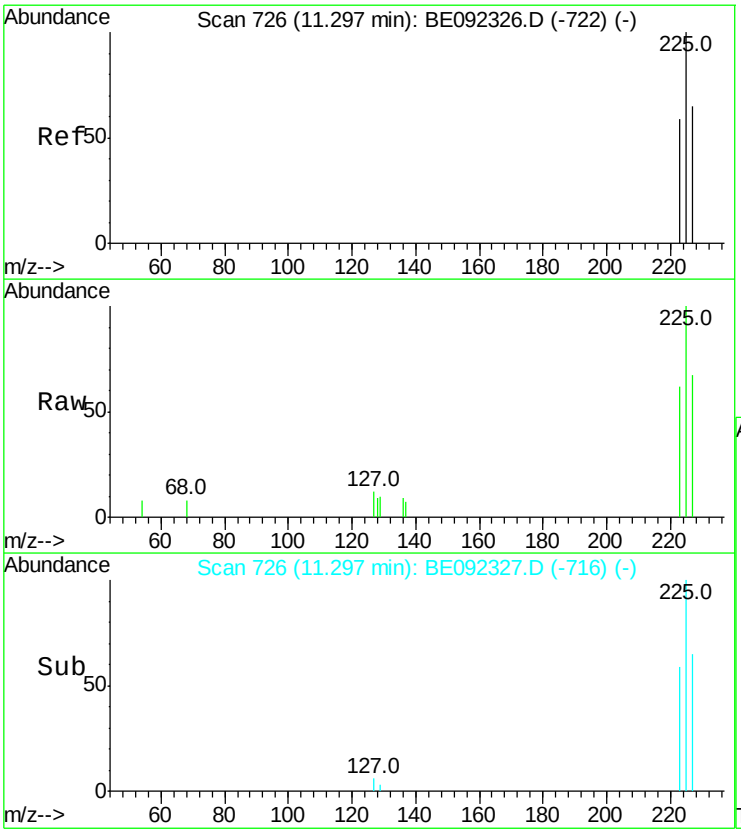
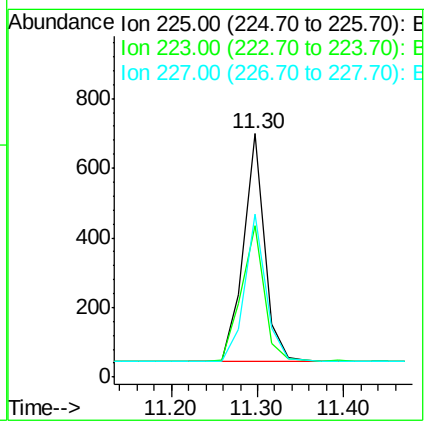
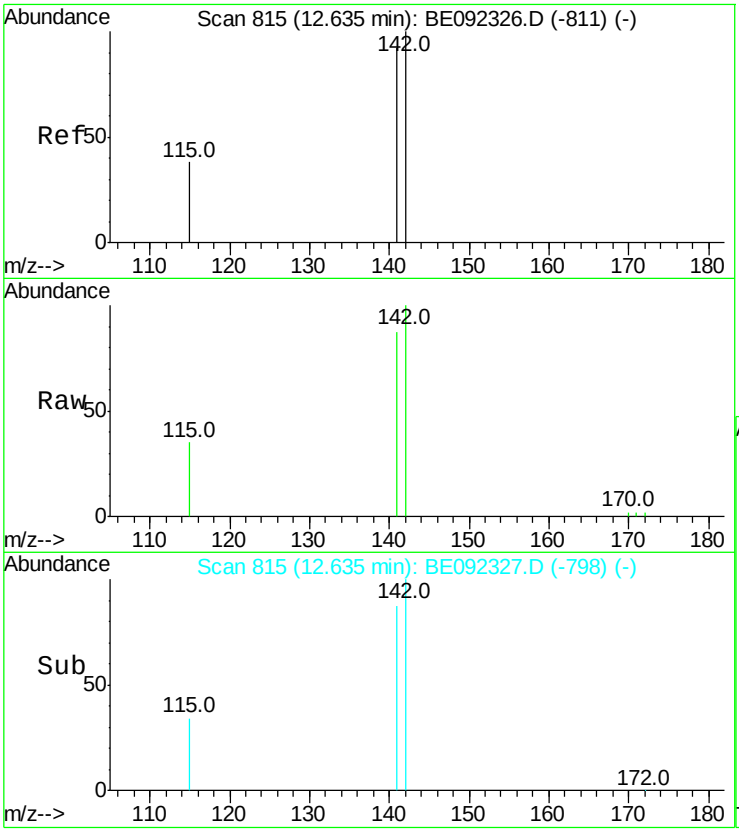


#10
Hexachlorobutadiene
Concen: 0.83 ng
RT: 11.30 min Scan# 726
Delta R.T. -0.00 min
Lab File: BE092327.D
Acq: 1 Sep 2016 13:57

Tgt Ion:225 Resp: 1122

Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.6	76.0
227	64.3	51.4	77.0

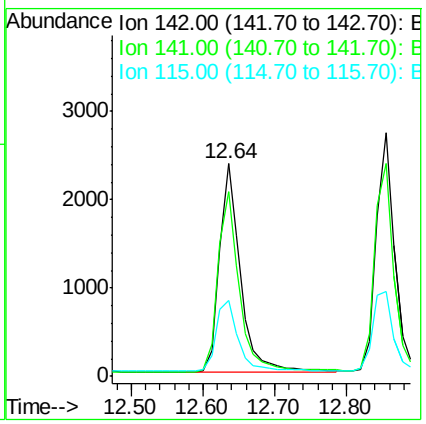




#11
2-Methylnaphthalene
Concen: 0.86 ng
RT: 12.64 min Scan# 815
Delta R.T. 0.00 min
Lab File: BE092327.D
Acq: 1 Sep 2016 13:57

Tgt Ion:142 Resp: 4786

Ion	Ratio	Lower	Upper
142	100		
141	86.8	73.7	110.5
115	35.4	34.0	51.0



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Manual Integrations APPROVED
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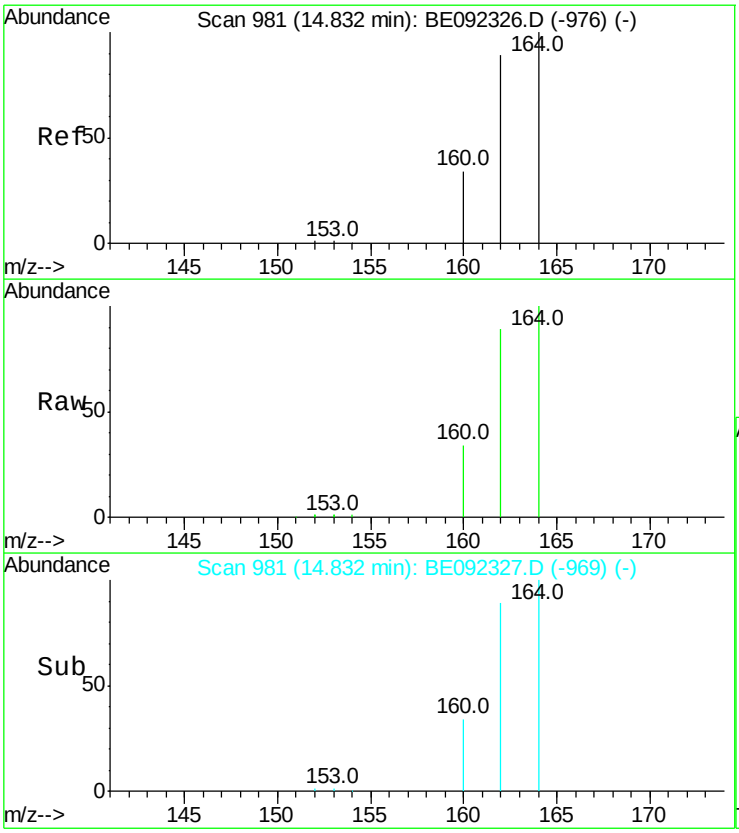
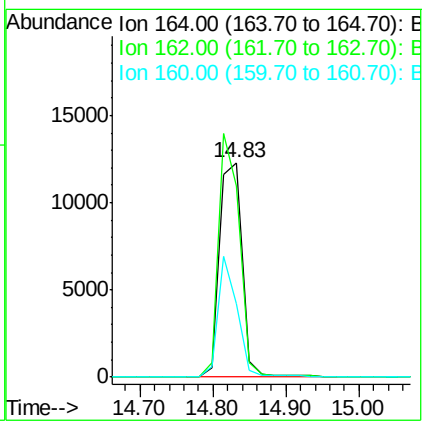
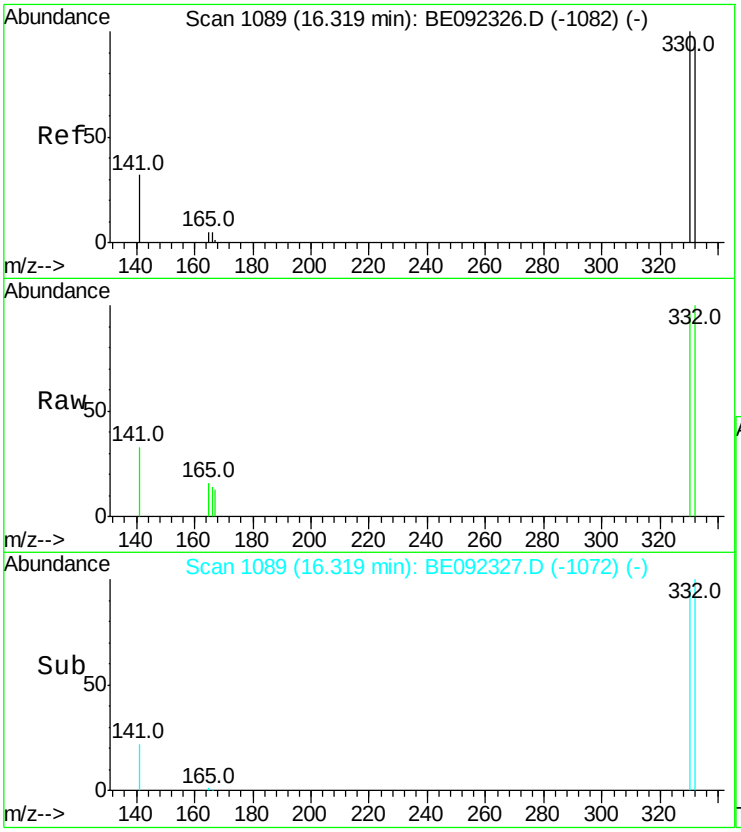


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.83 min Scan# 981
Delta R.T. 0.00 min
Lab File: BE092327.D
Acq: 1 Sep 2016 13:57

Tgt Ion:164 Resp: 25959

Ion	Ratio	Lower	Upper
164	100		
162	88.9	71.4	107.0
160	34.4	27.4	41.2

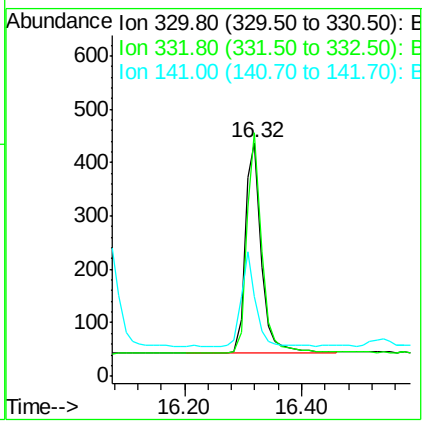




#13
2,4,6-Tribromophenol
Concen: 1.01 ng
RT: 16.32 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BE092327.D
Acq: 1 Sep 2016 13:57

Tgt Ion:330 Resp: 752

Ion	Ratio	Lower	Upper
330	100		
332	97.5	75.4	113.0
141	40.6	31.0	46.6



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Manual Integrations APPROVED
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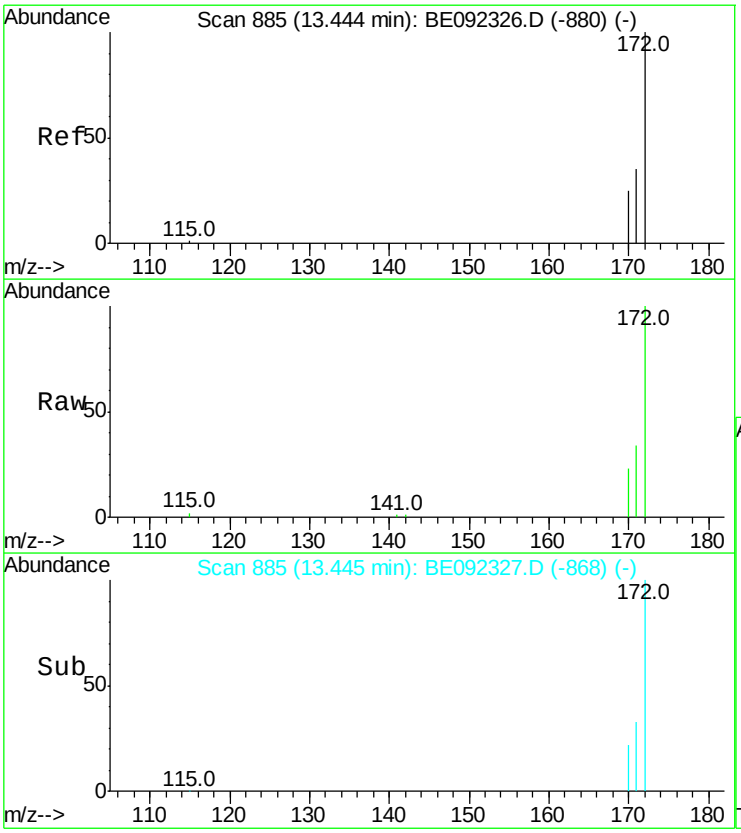
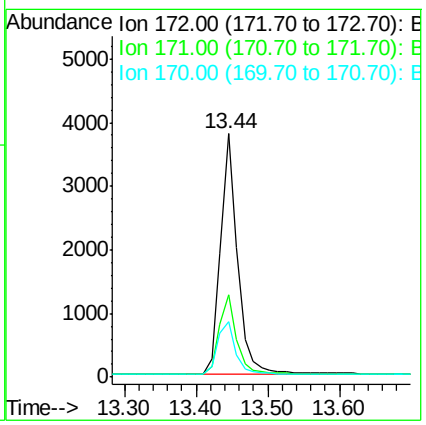
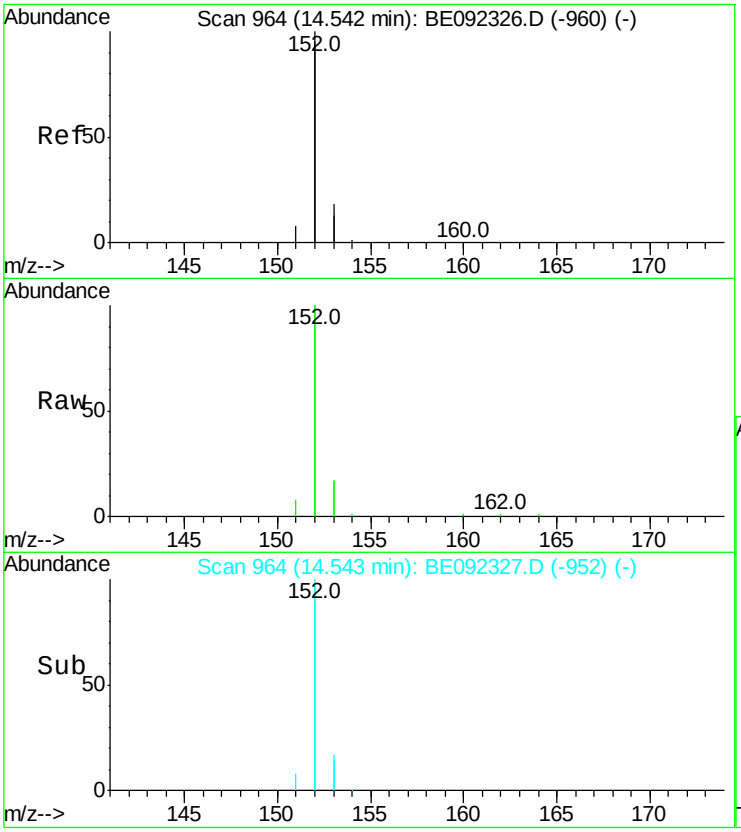


#14
2-Fluorobiphenyl
Concen: 0.78 ng
RT: 13.44 min Scan# 885
Delta R.T. 0.00 min
Lab File: BE092327.D
Acq: 1 Sep 2016 13:57

Tgt Ion:172 Resp: 6267

Ion	Ratio	Lower	Upper
172	100		
171	34.1	30.1	45.1
170	22.6	21.8	32.6

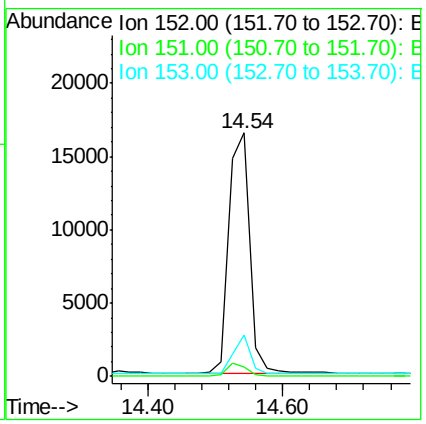




#15
Acenaphthylene
Concen: 0.80 ng
RT: 14.54 min Scan# 964
Delta R.T. 0.00 min
Lab File: BE092327.D
Acq: 1 Sep 2016 13:57

Tgt Ion:152 Resp: 35296

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.0	10.4	15.6



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Manual Integrations APPROVED
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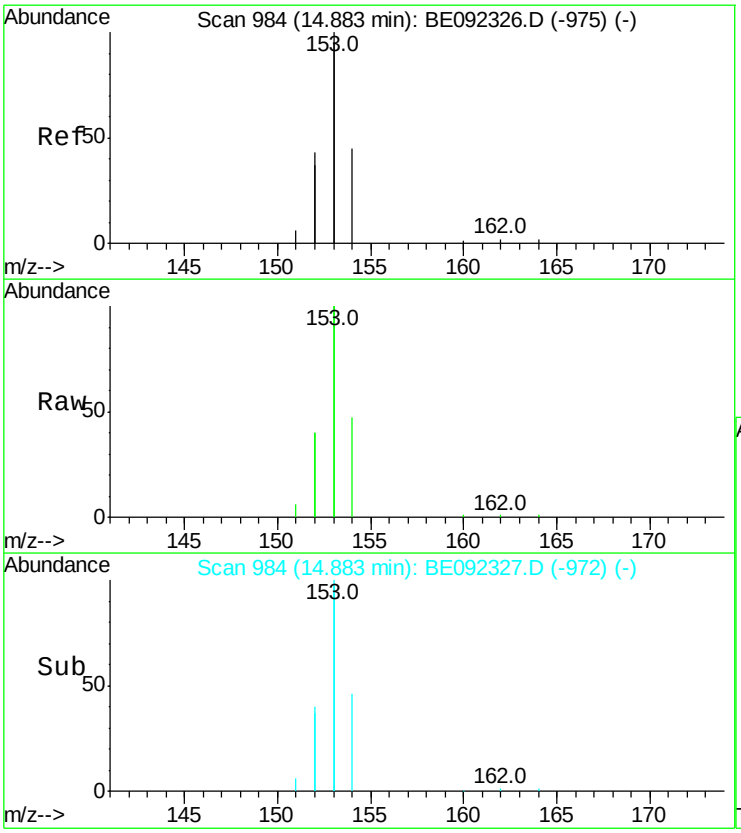
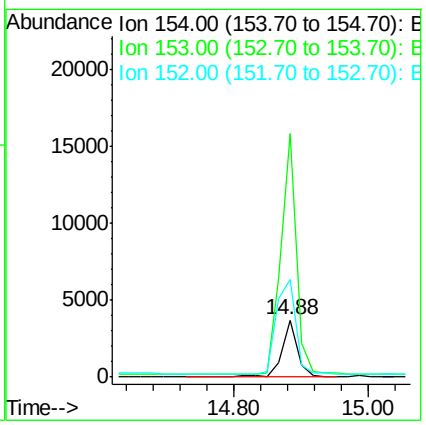
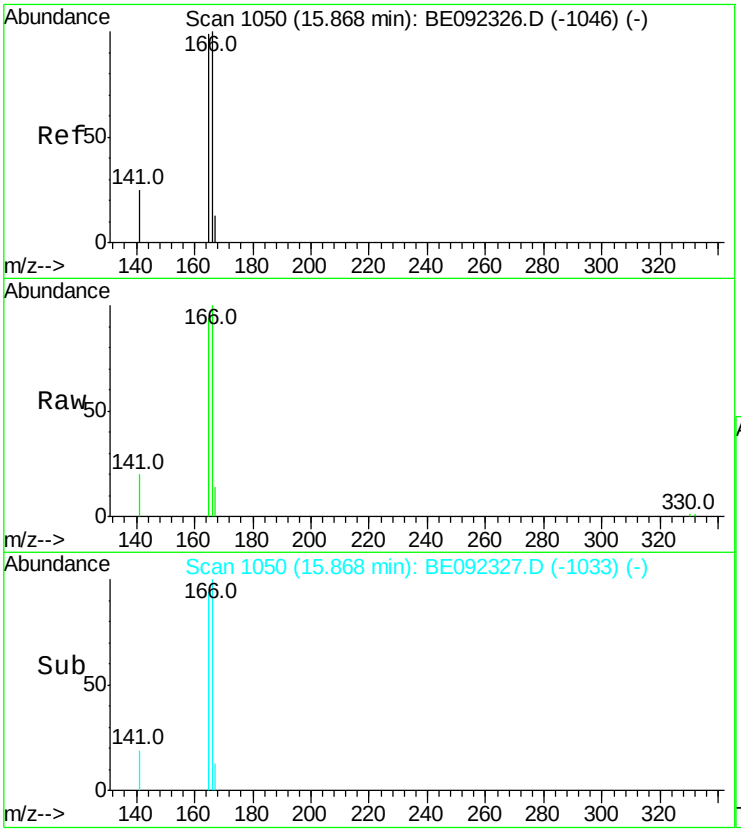


#16
Acenaphthene
Concen: 0.77 ng
RT: 14.88 min Scan# 984
Delta R.T. 0.00 min
Lab File: BE092327.D
Acq: 1 Sep 2016 13:57

Tgt Ion:154 Resp: 5552

Ion	Ratio	Lower	Upper
154	100		
153	449.0	350.8	526.2
152	218.9	171.1	256.7

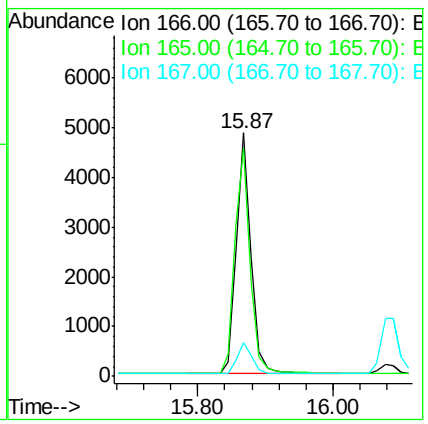




#17
Fluorene
Concen: 0.84 ng
RT: 15.87 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BE092327.D
Acq: 1 Sep 2016 13:57

Tgt Ion:166 Resp: 7400

Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.2	117.4
167	13.1	11.0	16.4



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

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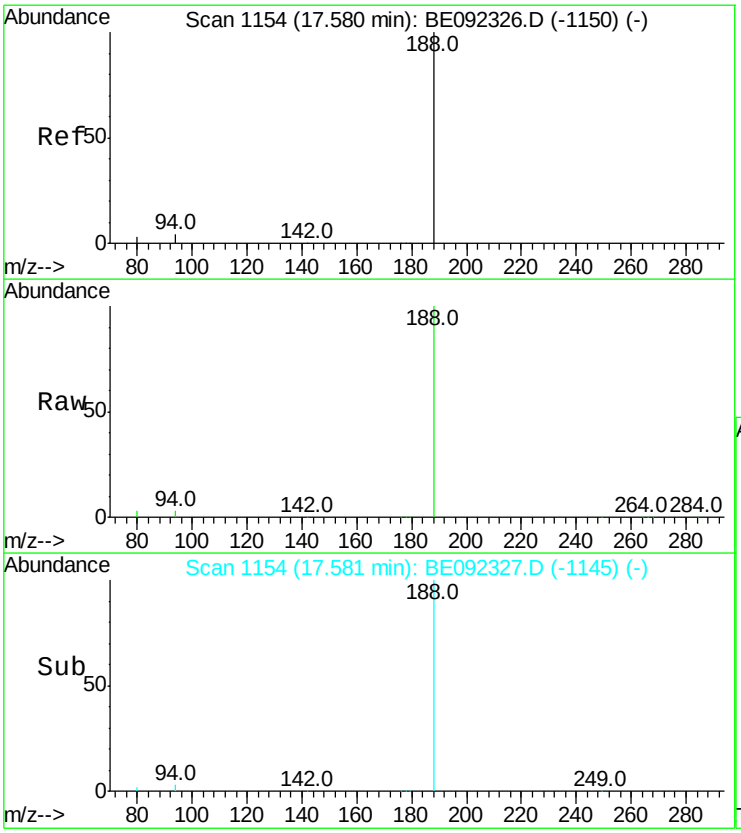
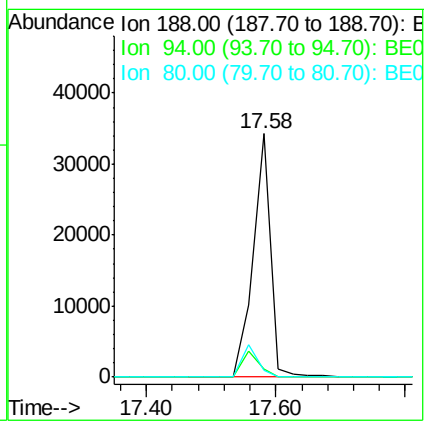
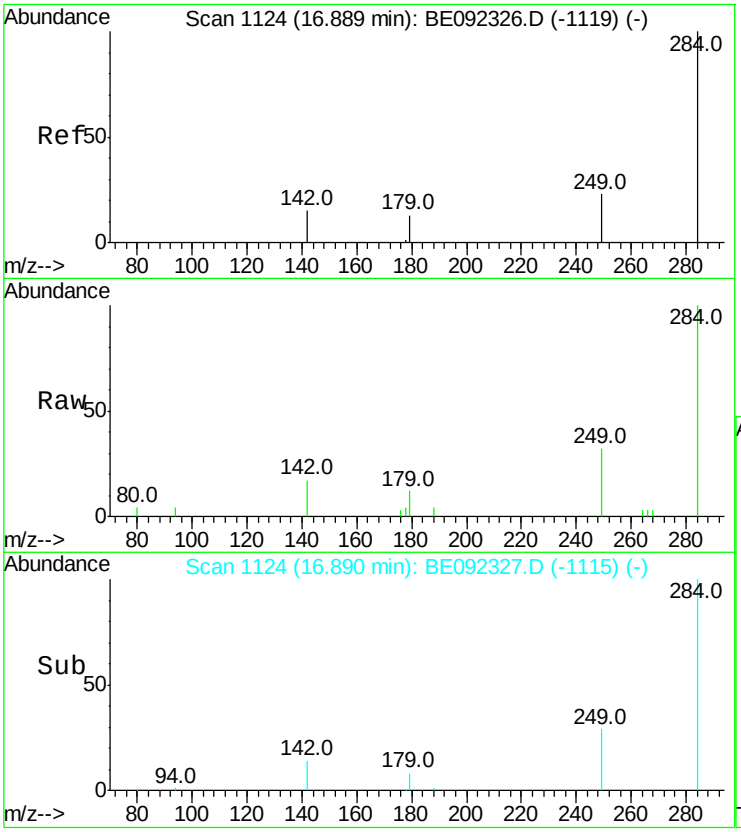


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.58 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE092327.D
Acq: 1 Sep 2016 13:57

Tgt Ion:188 Resp: 63858

Ion	Ratio	Lower	Upper
188	100		
94	3.3	3.2	4.8
80	2.6	2.6	3.8

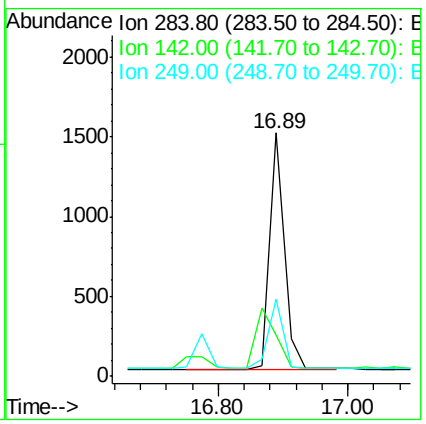




#19
Hexachlorobenzene
Concen: 0.90 ng
RT: 16.89 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BE092327.D
Acq: 1 Sep 2016 13:57

Tgt Ion:284 Resp: 2372

Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	30.0	27.9	41.9



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

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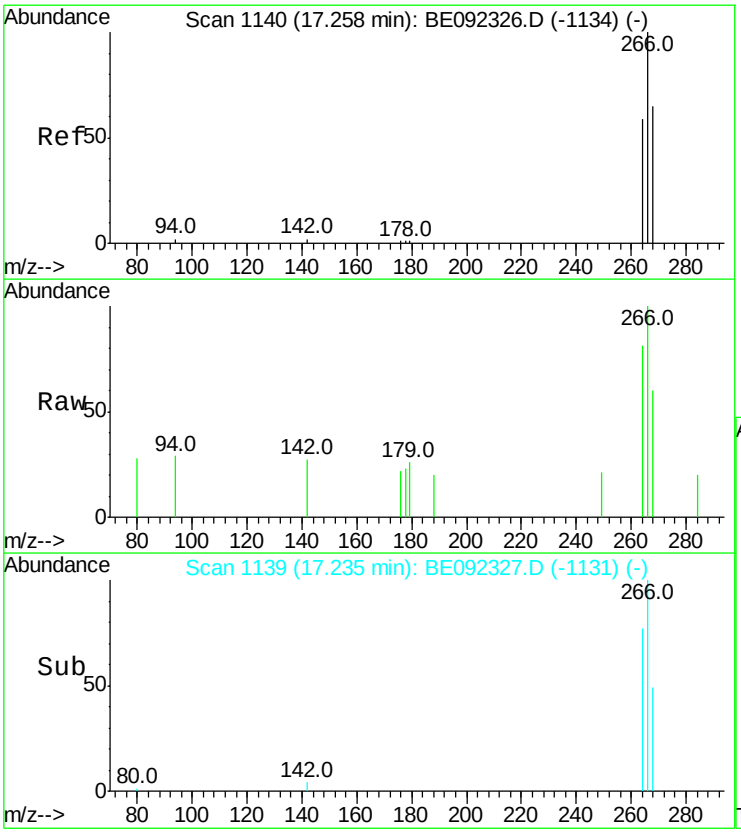
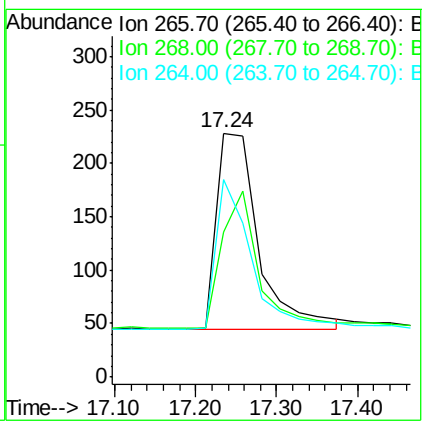
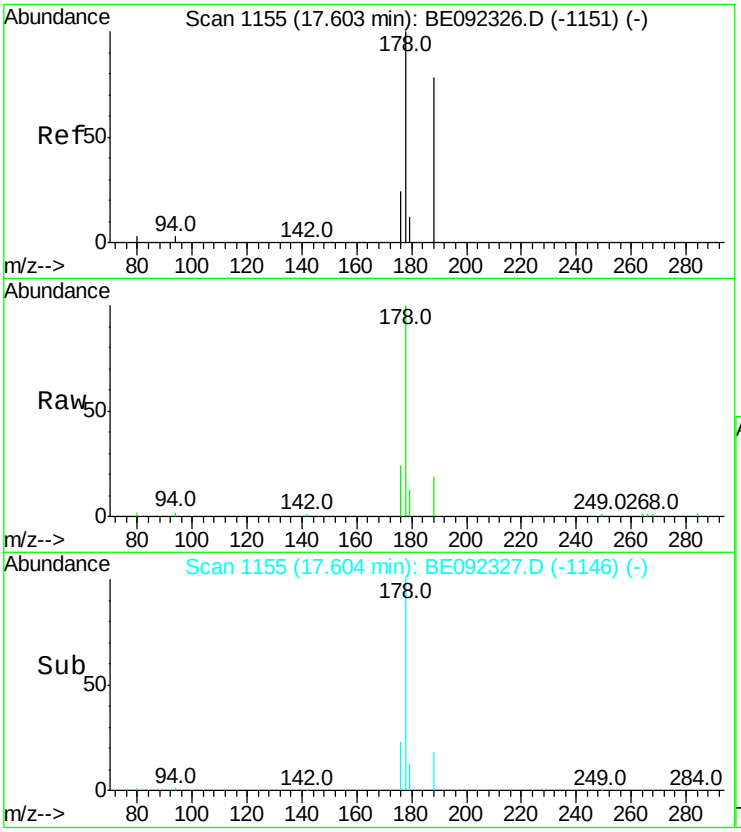


#20
Pentachlorophenol
Concen: 0.99 ng
RT: 17.24 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BE092327.D
Acq: 1 Sep 2016 13:57

Tgt Ion:266 Resp: 658

Ion	Ratio	Lower	Upper
266	100		
268	59.6	62.5	93.7#
264	81.1	57.2	85.8

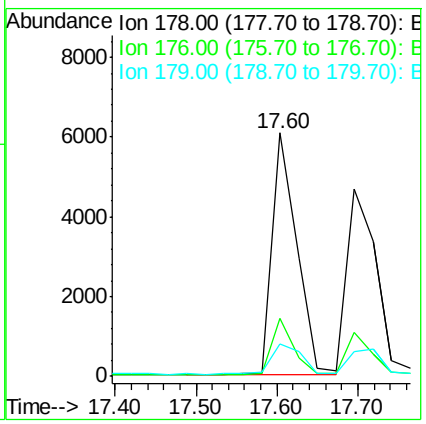




#21
Phenanthrene
Concen: 0.85 ng
RT: 17.60 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BE092327.D
Acq: 1 Sep 2016 13:57

Tgt Ion:178 Resp: 12765

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.8
179	15.0	0.0	0.0#



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

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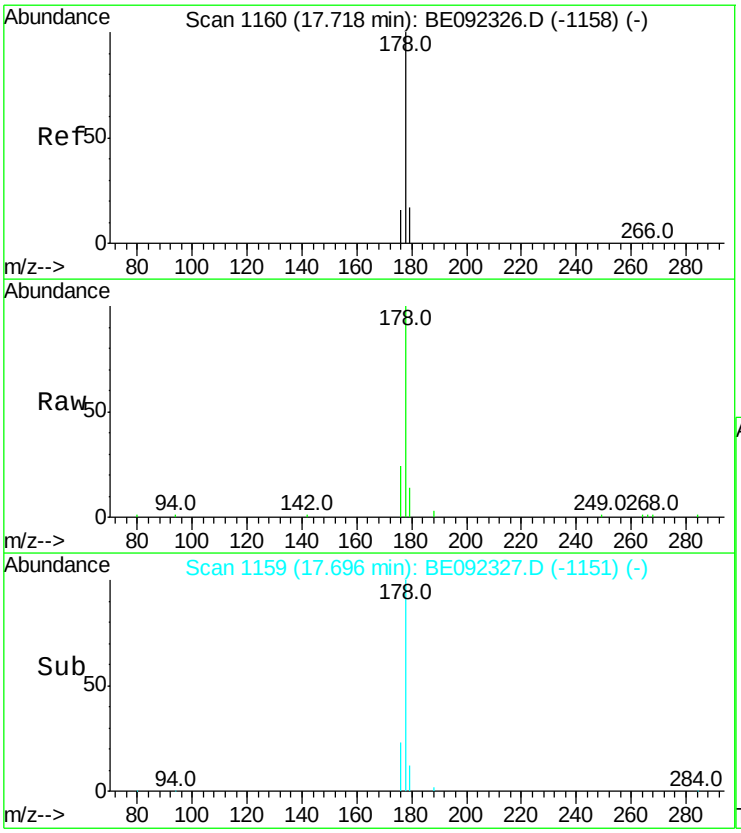
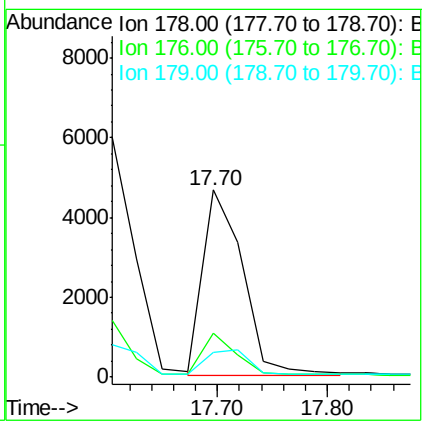
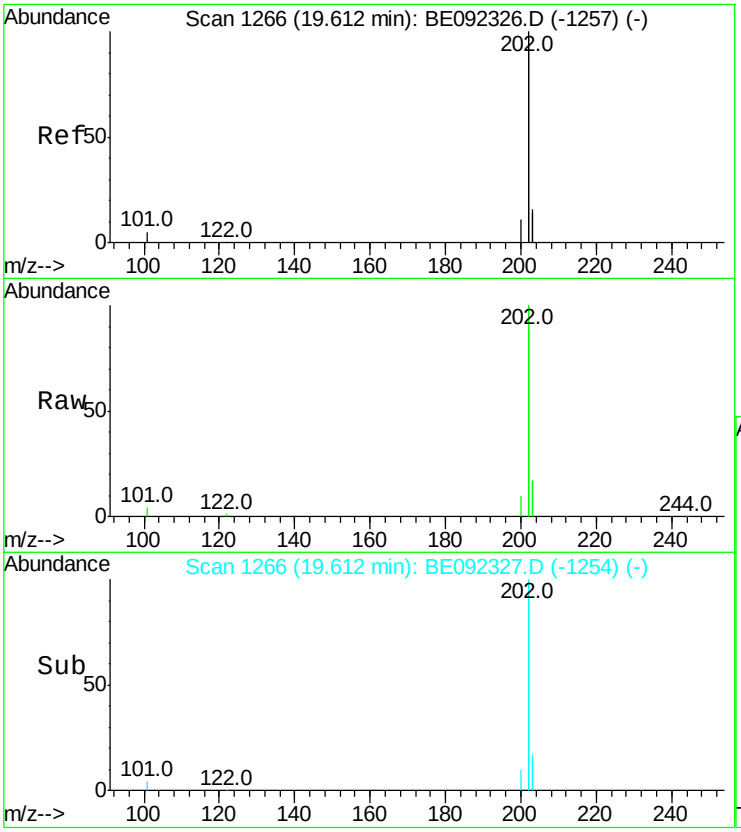


#22
Anthracene
Concen: 0.85 ng m
RT: 17.70 min Scan# 1159
Delta R.T. -0.02 min
Lab File: BE092327.D
Acq: 1 Sep 2016 13:57

Tgt Ion:178 Resp: 11856

Ion	Ratio	Lower	Upper
178	100		
176	22.0	15.0	22.4
179	15.9	12.2	18.2

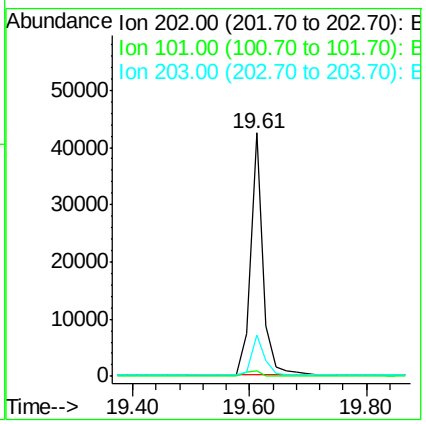




#23
Fluoranthene
Concen: 0.92 ng
RT: 19.61 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BE092327.D
Acq: 1 Sep 2016 13:57

Tgt Ion:202 Resp: 63160

Ion	Ratio	Lower	Upper
202	100		
101	2.7	2.2	3.4
203	17.6	13.7	20.5



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

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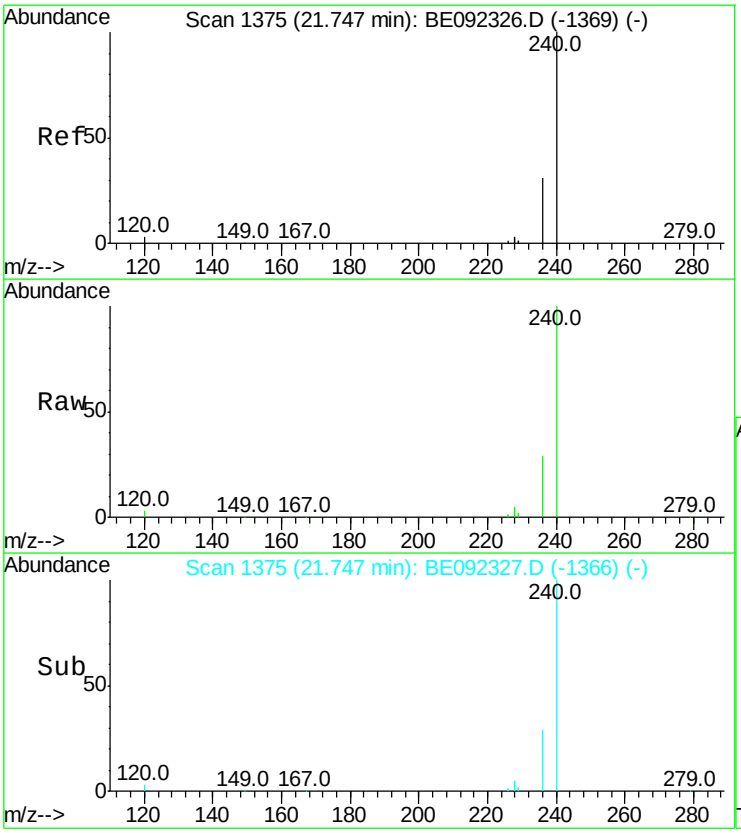
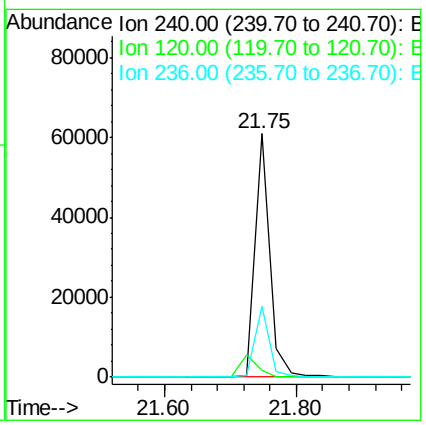
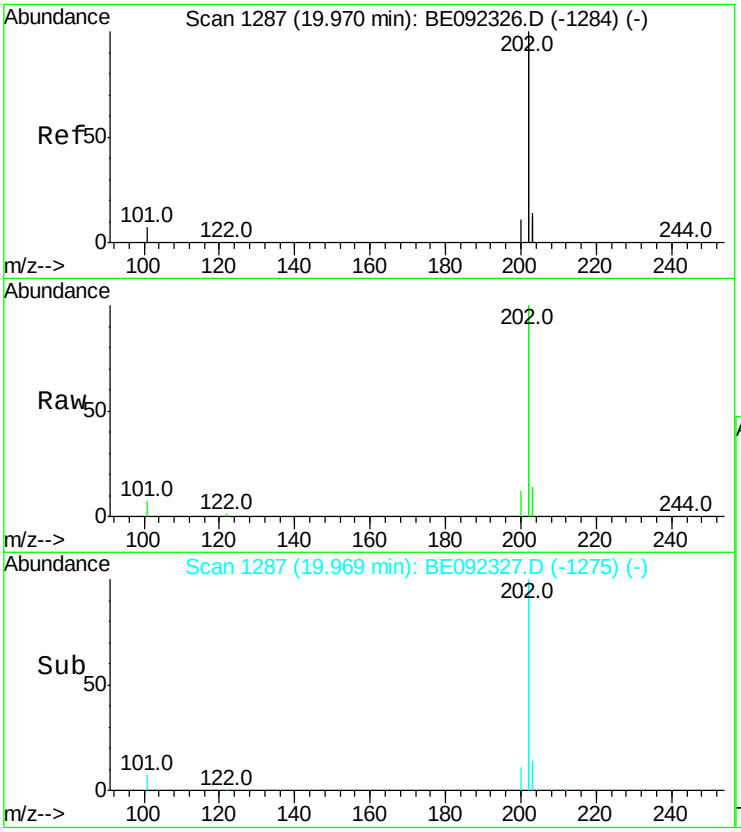


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BE092327.D
Acq: 1 Sep 2016 13:57

Tgt Ion:240 Resp: 95397

Ion	Ratio	Lower	Upper
240	100		
120	2.8	2.6	4.0
236	29.0	24.6	37.0





#25
Pyrene
Concen: 0.77 ng
RT: 19.97 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BE092327.D
Acq: 1 Sep 2016 13:57

Tgt Ion:202 Resp: 68198

Ion	Ratio	Lower	Upper
202	100		
200	5.2	4.2	6.4
203	17.1	13.9	20.9

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

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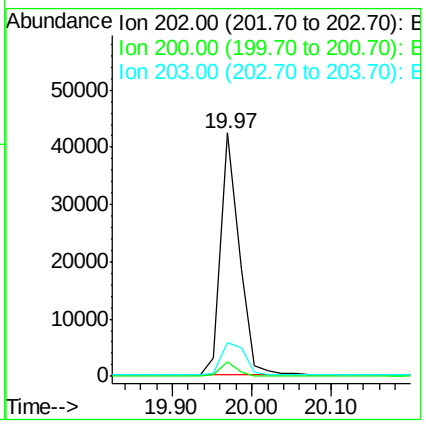
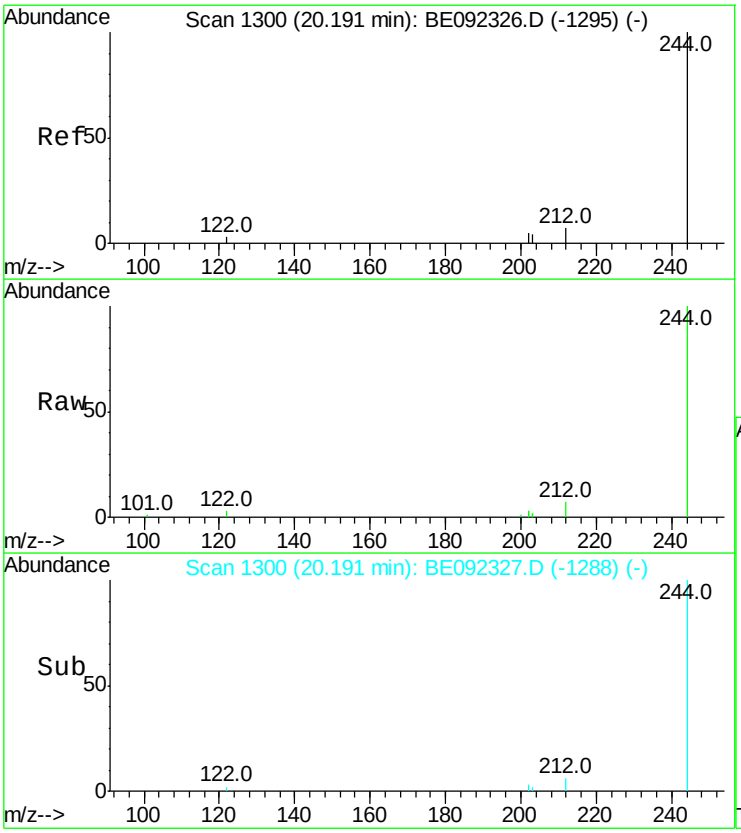
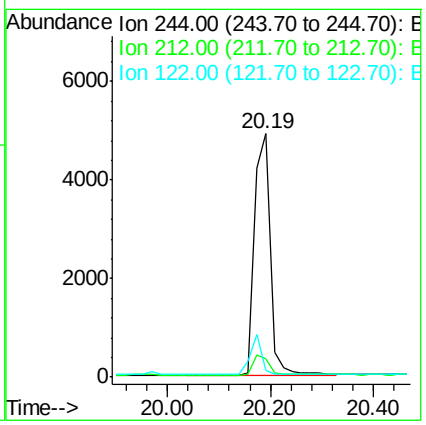


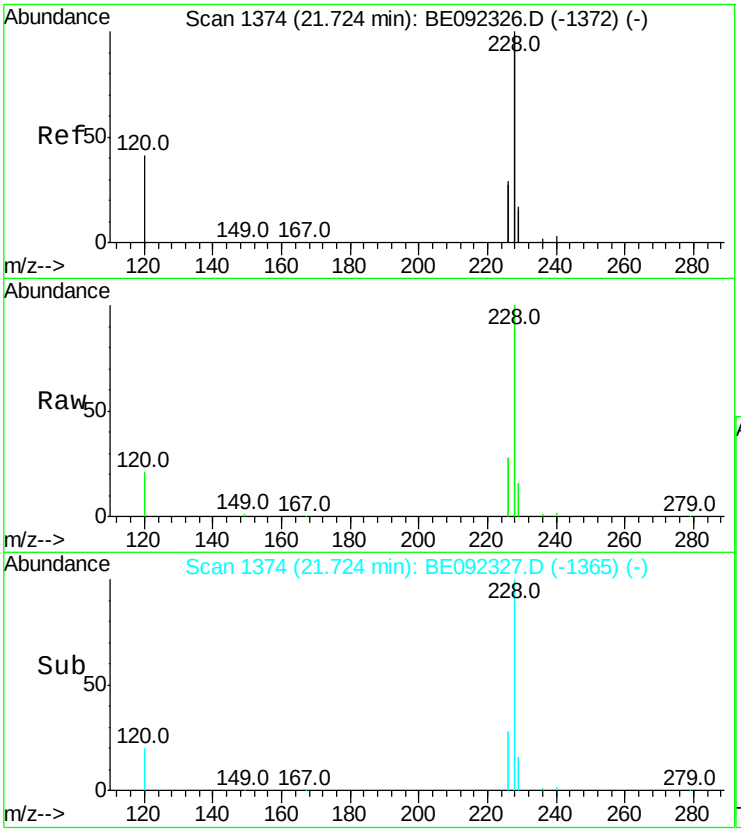


#26
Terphenyl-d14
Concen: 0.79 ng
RT: 20.19 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BE092327.D
Acq: 1 Sep 2016 13:57

Tgt Ion:244 Resp: 10182

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.7	10.1
122	2.9	3.6	5.4#

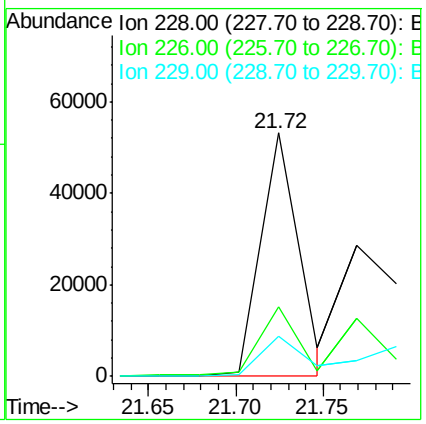




#27
Benzo(a)anthracene
Concen: 0.81 ng m
RT: 21.72 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE092327.D
Acq: 1 Sep 2016 13:57

Tgt Ion:228 Resp: 81869

Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.6	35.4
229	16.5	13.3	19.9



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

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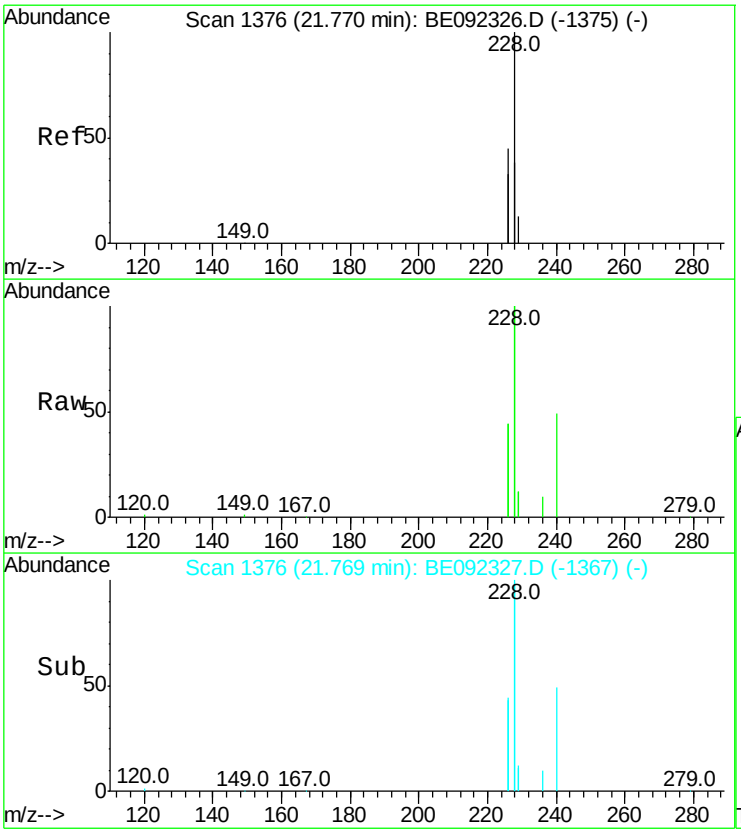
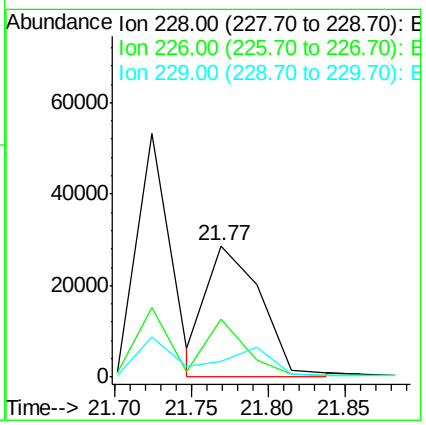
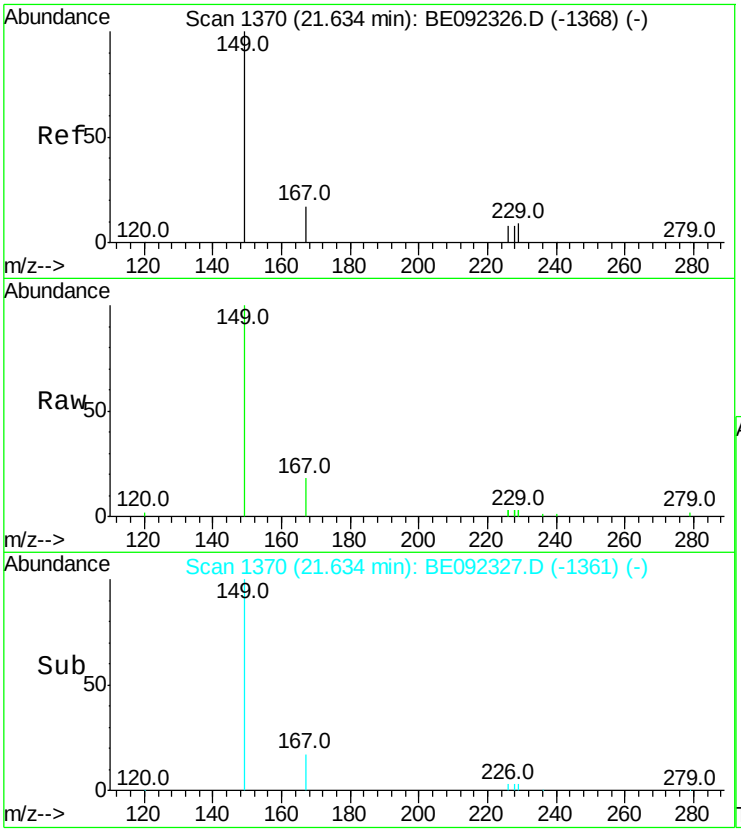


#28
Chrysene
Concen: 0.78 ng m
RT: 21.77 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BE092327.D
Acq: 1 Sep 2016 13:57

Tgt Ion:228 Resp: 69786

Ion	Ratio	Lower	Upper
228	100		
226	44.4	36.3	54.5
229	12.2	10.6	16.0





#29
Bis(2-ethylhexyl)phthalate
Concen: 1.16 ng
RT: 21.63 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BE092327.D
Acq: 1 Sep 2016 13:57

Tgt Ion:149 Resp: 7937

Ion	Ratio	Lower	Upper
149	100		
167	0.0	0.0	0.0
279	0.0	0.0	0.0

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

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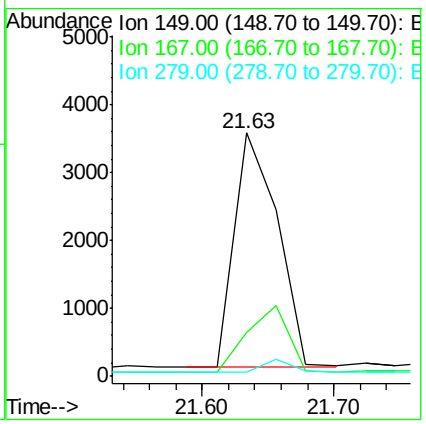
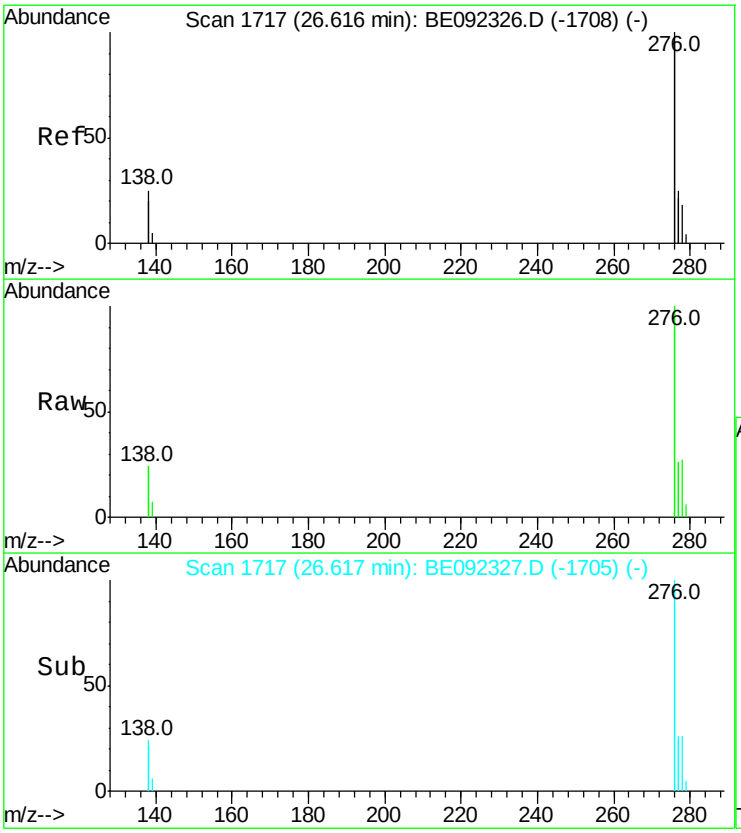
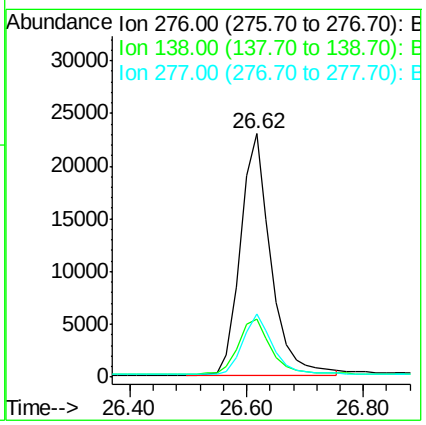


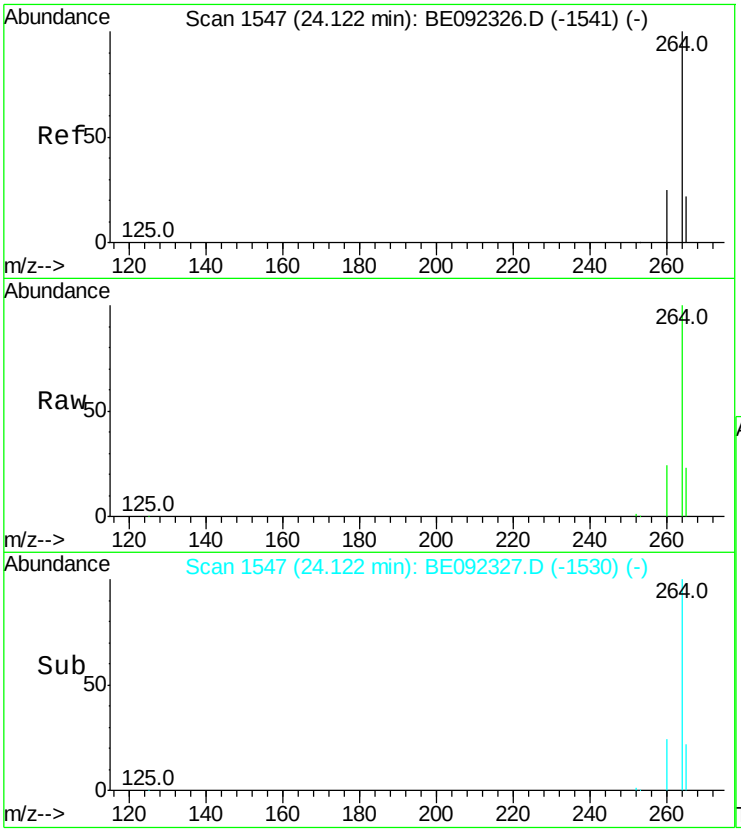


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.88 ng
RT: 26.62 min Scan# 1717
Delta R.T. 0.00 min
Lab File: BE092327.D
Acq: 1 Sep 2016 13:57

Tgt Ion:276 Resp: 82414

Ion	Ratio	Lower	Upper
276	100		
138	25.2	20.3	30.5
277	24.9	19.7	29.5

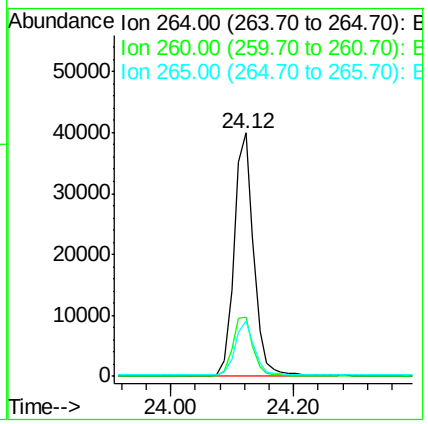




#31
Perylene-d12
Concen: 5.00 ng
RT: 24.12 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BE092327.D
Acq: 1 Sep 2016 13:57

Tgt Ion:264 Resp: 88524

Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.1	30.1
265	22.7	17.9	26.9



Instrument :
BNA_E
ClientSampleId :
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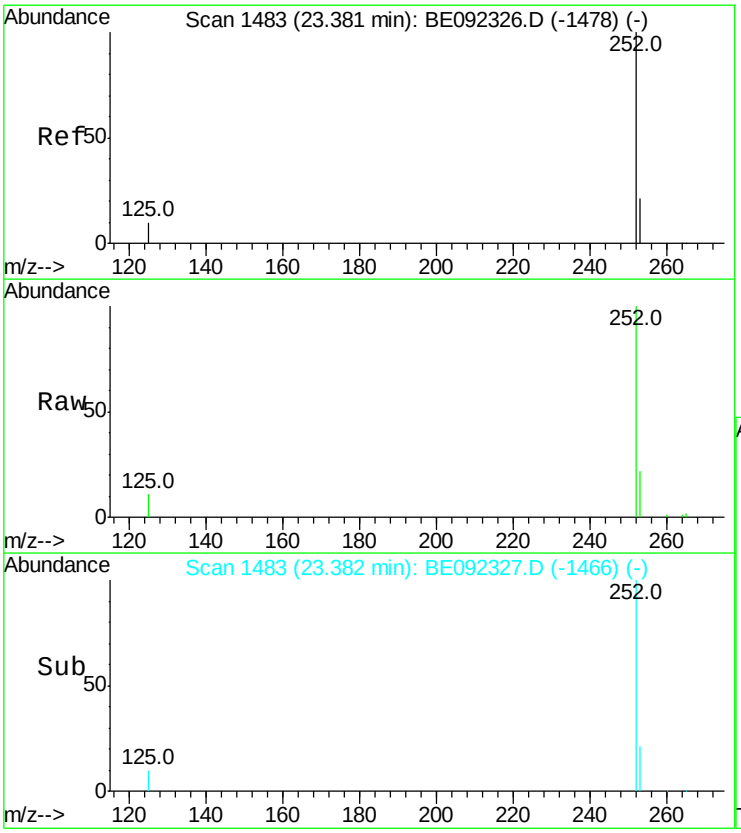
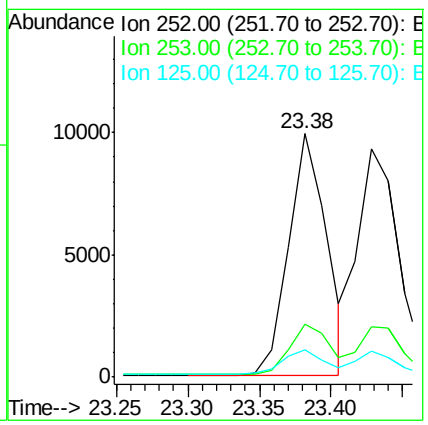
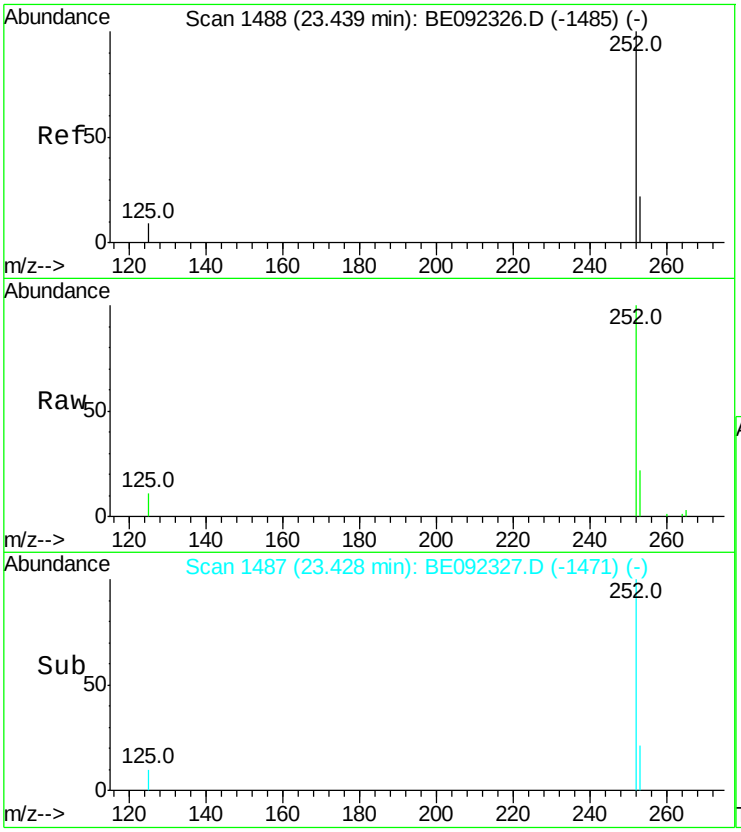


#32
Benzo(b)fluoranthene
Concen: 0.86 ng
RT: 23.38 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BE092327.D
Acq: 1 Sep 2016 13:57

Tgt Ion:252 Resp: 18096

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.7	28.1
125	11.1	10.5	15.7

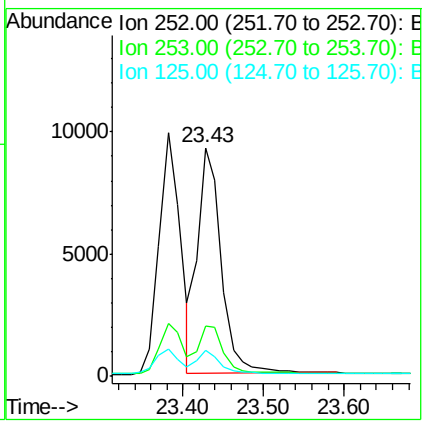




#33
Benzo(k)fluoranthene
Concen: 0.80 ng
RT: 23.43 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BE092327.D
Acq: 1 Sep 2016 13:57

Tgt Ion:252 Resp: 19018

Ion	Ratio	Lower	Upper
252	100		
253	21.8	20.3	30.5
125	11.2	9.6	14.4



Instrument :
BNA_E
ClientSampleId :
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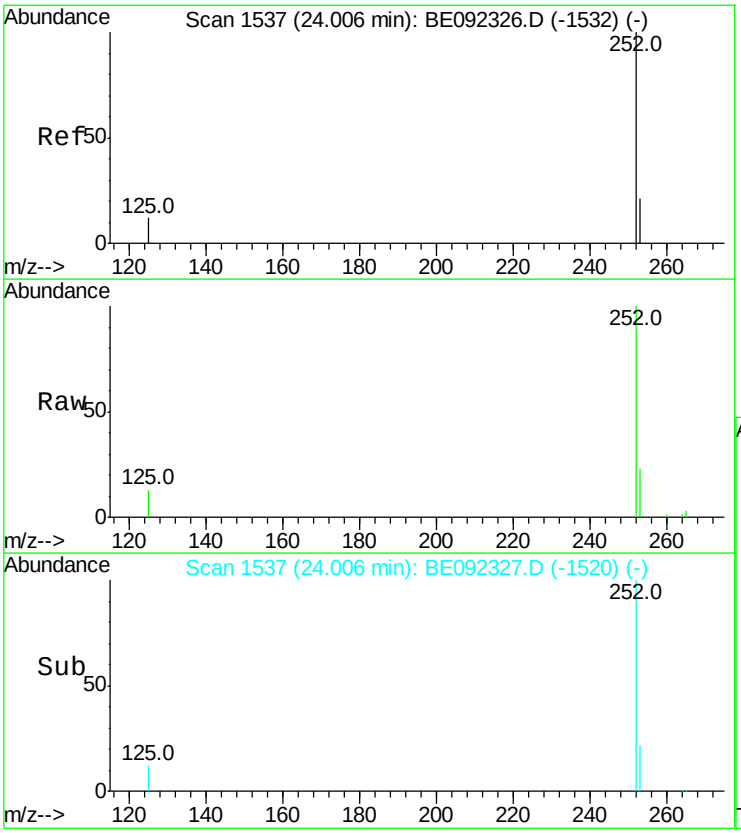
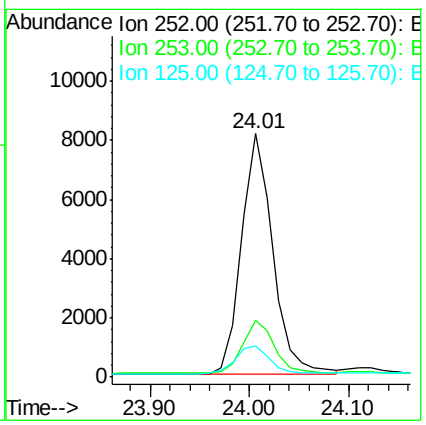
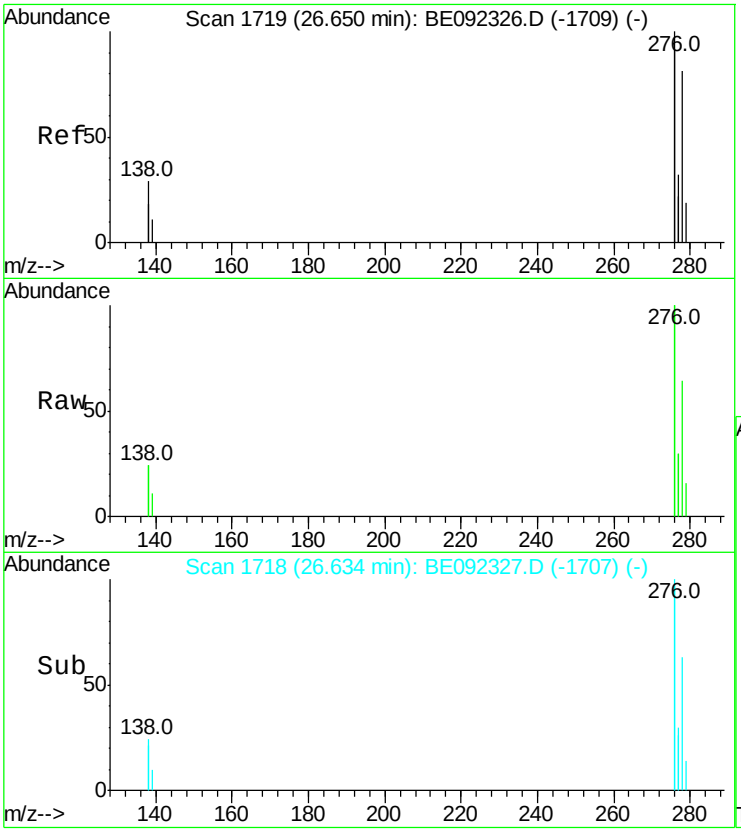


#34
Benzo(a)pyrene
Concen: 0.84 ng
RT: 24.01 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BE092327.D
Acq: 1 Sep 2016 13:57

Tgt Ion:252 Resp: 17755

Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.0	28.6
125	13.0	11.8	17.8

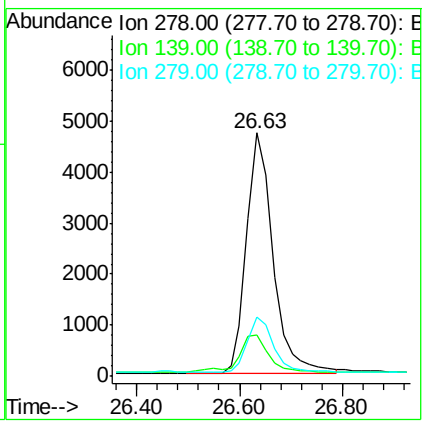




#35
Dibenzo(a,h)anthracene
Concen: 0.90 ng
RT: 26.63 min Scan# 1718
Delta R.T. -0.02 min
Lab File: BE092327.D
Acq: 1 Sep 2016 13:57

Tgt Ion:278 Resp: 16885

Ion	Ratio	Lower	Upper
278	100		
139	16.9	13.8	20.8
279	24.4	21.4	32.2



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

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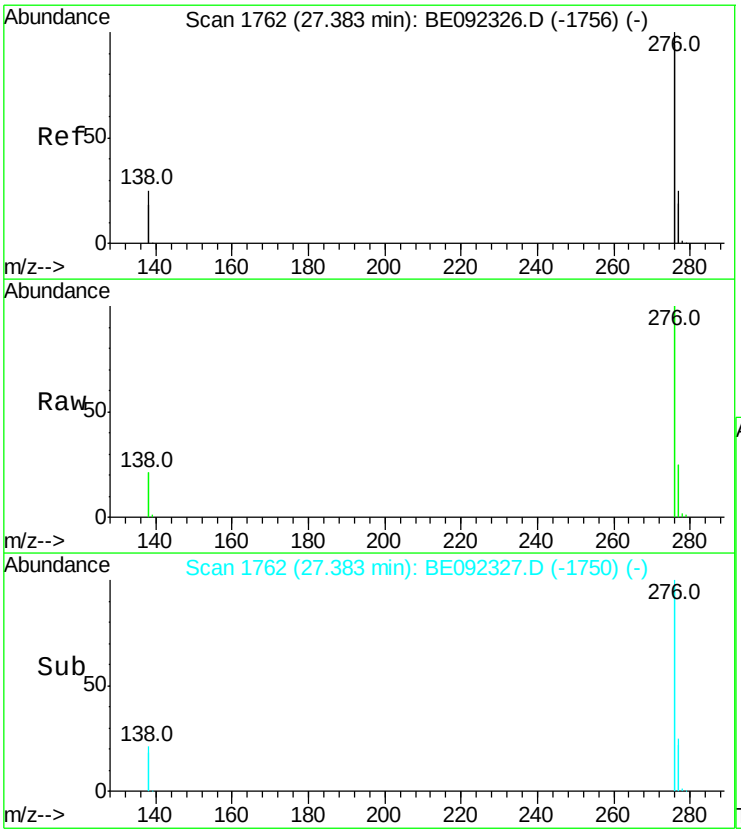

#36
Benzo(g,h,i)perylene
Concen: 0.84 ng
RT: 27.38 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BE092327.D
Acq: 1 Sep 2016 13:57

Tgt Ion:276 Resp: 69464

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.8	29.8
138	21.0	19.8	29.6