Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE090116\
Data File : BE092326.D
Acq On : 1 Sep 2016 13:21
Operator : UM/SJ
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Manual Integrations APPROVED
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Quant Time: Sep 02 03:20:54 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	8148	5.00	ng		0.00
7) Naphthalene-d8	10.95	136	39900	5.00	ng		0.00
12) Acenaphthene-d10	14.83	164	24694	5.00	ng		0.00
18) Phenanthrene-d10	17.58	188	60388	5.00	ng		0.00
24) Chrysene-d12	21.75	240	87748	5.00	ng		0.00
31) Perylene-d12	24.12	264	85315	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.69	112	788	0.42	ng		0.00
5) Phenol-d6	7.36	99	941	0.38	ng		0.00
8) Nitrobenzene-d5	9.36	82	898	0.34	ng		0.00
13) 2,4,6-Tribromophenol	16.32	330	330	0.47	ng		0.00
14) 2-Fluorobiphenyl	13.44	172	2784	0.36	ng		0.00
26) Terphenyl-d14	20.19	244	4551	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	449	0.39	ng		100
3) n-Nitrosodimethylamine	3.79	42	452	0.37	ng		100
6) bis(2-Chloroethyl)ether	7.59	93	761	0.39	ng	#	100
9) Naphthalene	11.01	128	3302	0.37	ng		100
10) Hexachlorobutadiene	11.30	225	523	0.39	ng		100
11) 2-Methylnaphthalene	12.63	142	2125	0.39	ng		100
15) Acenaphthylene	14.54	152	15655	0.37	ng		100
16) Acenaphthene	14.88	154	2569	0.37	ng		100
17) Fluorene	15.87	166	3263	0.39	ng		100
19) Hexachlorobenzene	16.89	284	991	0.40	ng		100
20) Pentachlorophenol	17.26	266	264	0.42	ng		100
21) Phenanthrene	17.60	178	5636	0.39	ng	#	100
22) Anthracene	17.72	178	5229	0.40	ng		100
23) Fluoranthene	19.61	202	28055	0.43	ng		100
25) Pyrene	19.97	202	30340	0.37	ng		100
27) Benzo(a)anthracene	21.72	228	36778m	0.40	ng		
28) Chrysene	21.77	228	33201m	0.41	ng		
29) Bis(2-ethylhexyl)phthalate	21.63	149	3581	0.57	ng	#	100
30) Indeno(1,2,3-cd)pyrene	26.62	276	36999	0.43	ng		100
32) Benzo(b)fluoranthene	23.38	252	7875	0.39	ng		100
33) Benzo(k)fluoranthene	23.44	252	8941	0.39	ng		100
34) Benzo(a)pyrene	24.01	252	8025	0.39	ng		100
35) Dibenzo(a,h)anthracene	26.65	278	7516	0.41	ng		100
36) Benzo(g,h,i)perylene	27.38	276	31695	0.40	ng		100

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE090116\
Data File : BE092326.D
Acq On : 1 Sep 2016 13:21
Operator : UM/SJ
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 02 03:20:54 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 :
SSTDICCC0.4

Manual Integrations APPROVED
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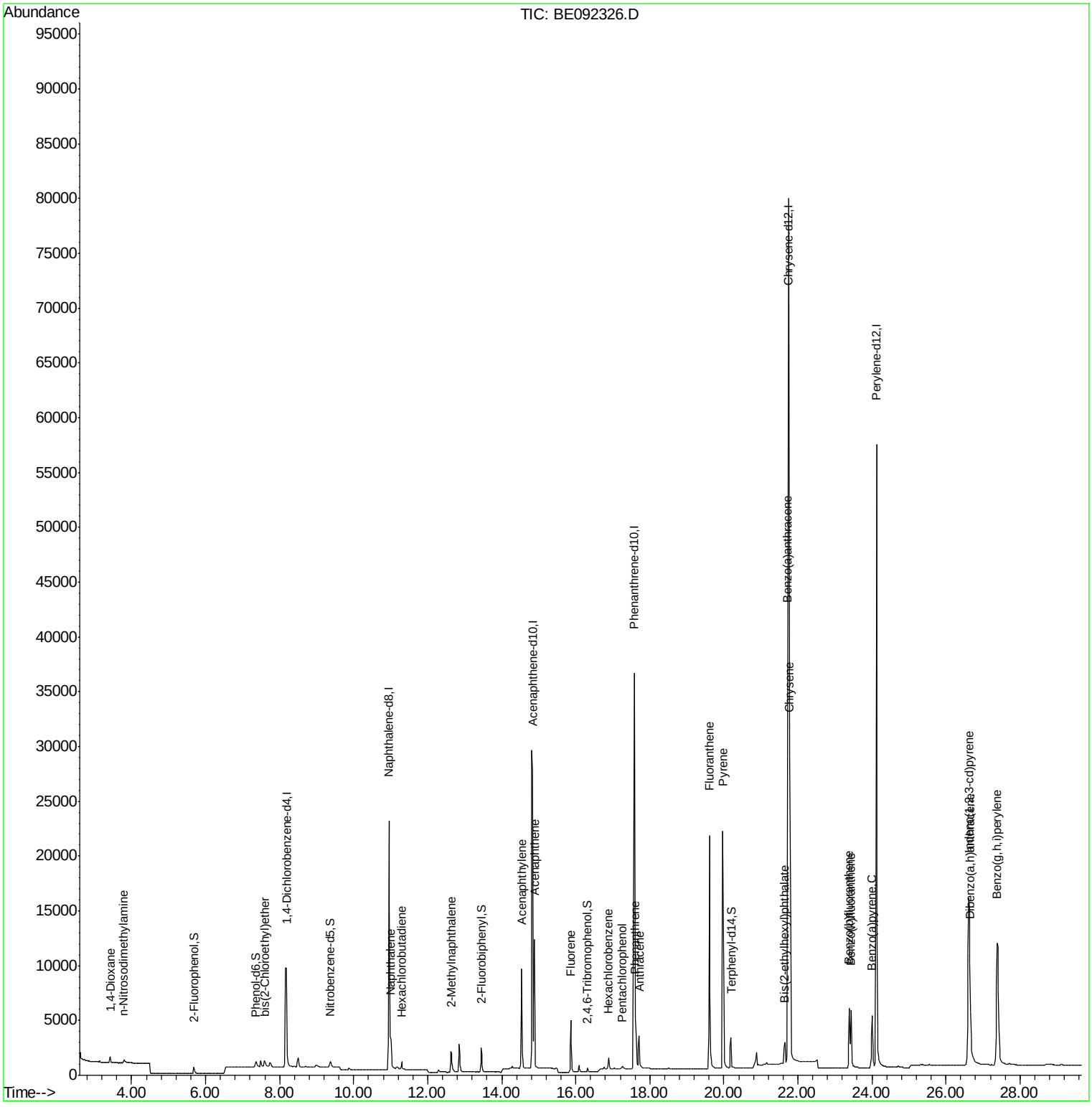
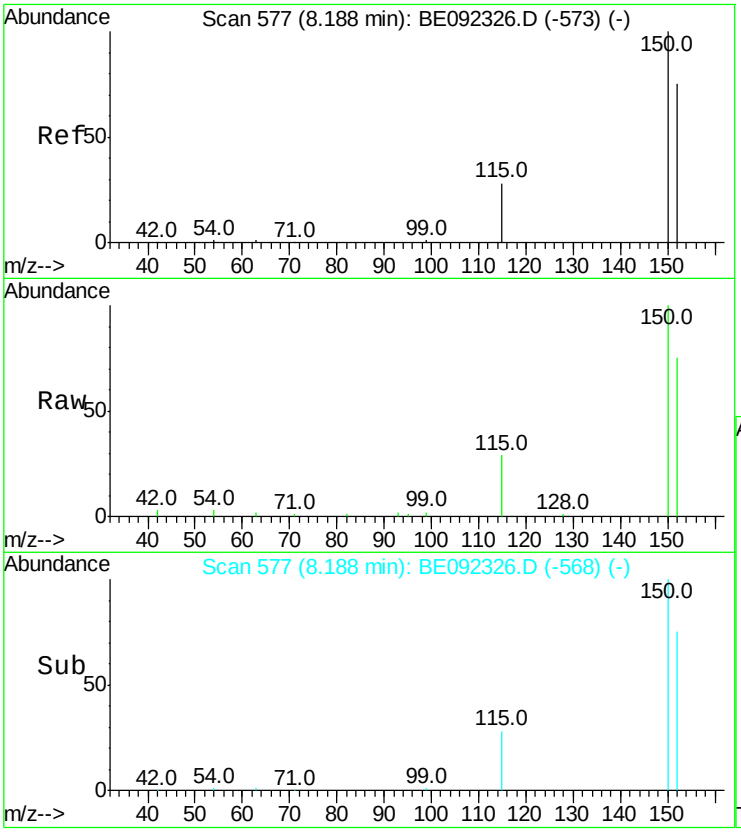
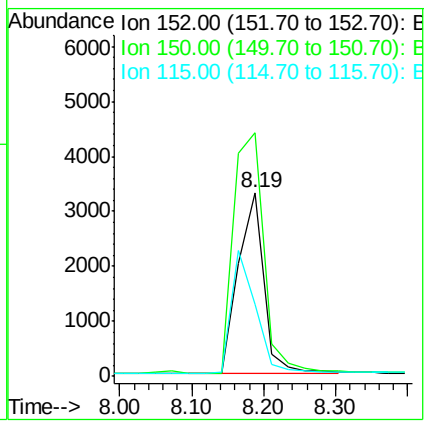




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.19 min Scan# 577
Delta R.T. 0.00 min
Lab File: BE092326.D
Acq: 1 Sep 2016 13:21

Tgt Ion:152 Resp: 8148

Ion	Ratio	Lower	Upper
152	100		
150	132.5	106.0	159.0
115	39.0	31.2	46.8



Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Manual Integrations APPROVED
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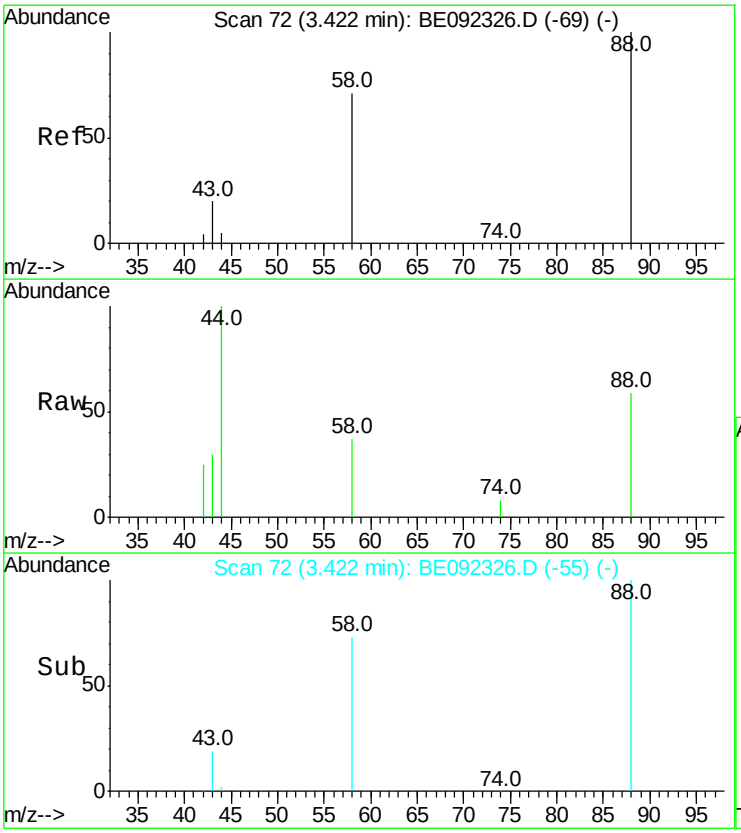
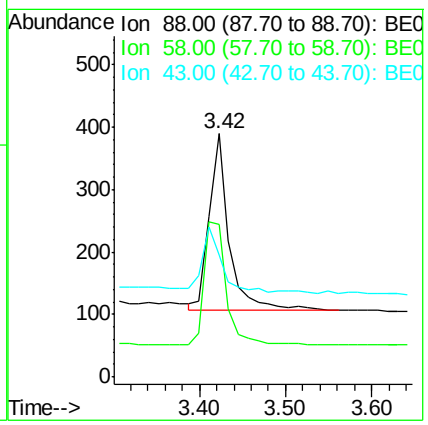
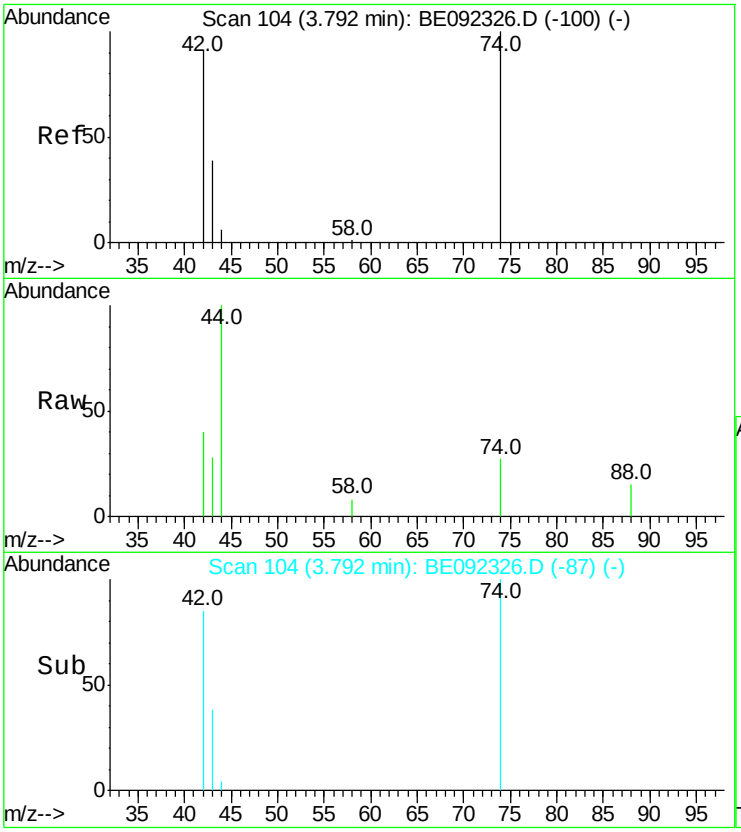


#2
1,4-Dioxane
Concen: 0.39 ng
RT: 3.42 min Scan# 72
Delta R.T. 0.00 min
Lab File: BE092326.D
Acq: 1 Sep 2016 13:21

Tgt Ion: 88 Resp: 449

Ion	Ratio	Lower	Upper
88	100		
58	79.5	63.6	95.4
43	35.0	28.0	42.0

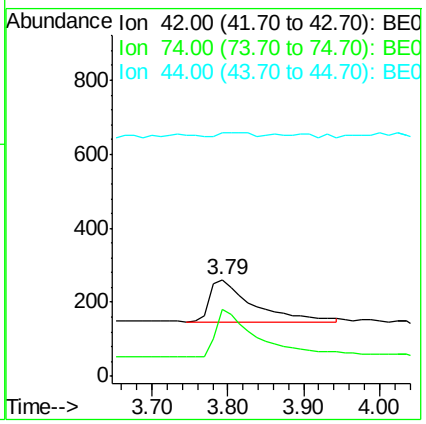




#3
n-Nitrosodimethylamine
Concen: 0.37 ng
RT: 3.79 min Scan# 104
Delta R.T. 0.00 min
Lab File: BE092326.D
Acq: 1 Sep 2016 13:21

Tgt Ion: 42 Resp: 452

Ion	Ratio	Lower	Upper
42	100		
74	107.5	86.0	129.0
44	6.4	5.1	7.7



Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

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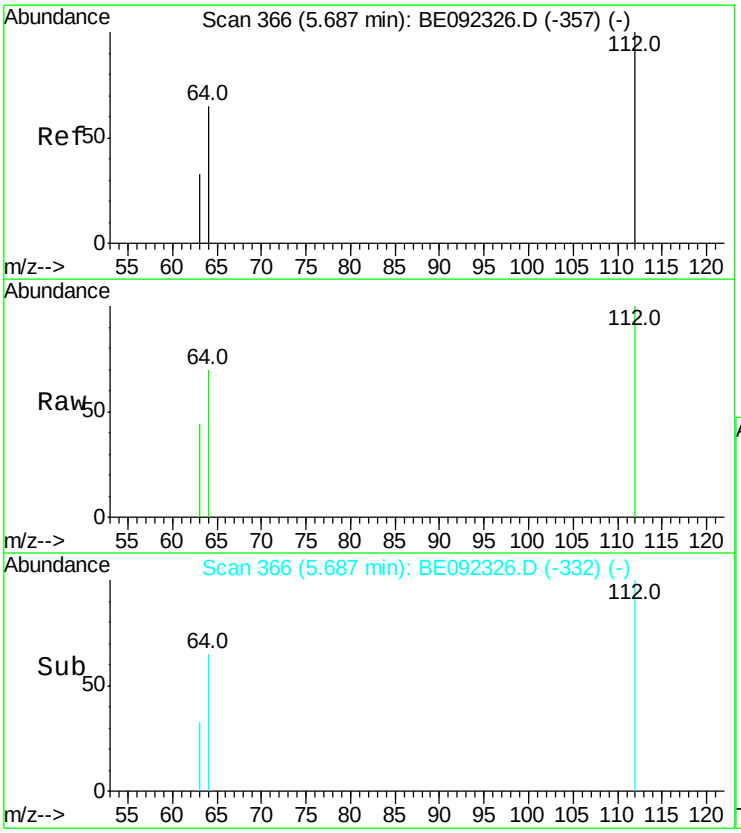
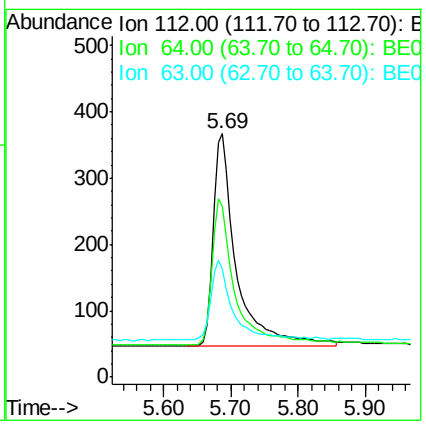
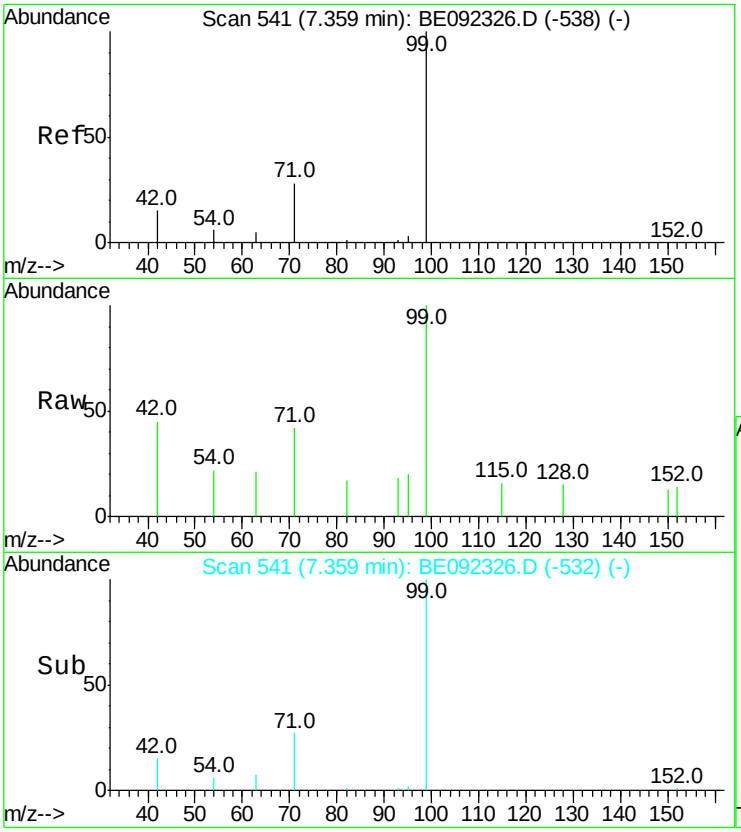


#4
2-Fluorophenol
Concen: 0.42 ng
RT: 5.69 min Scan# 366
Delta R.T. 0.00 min
Lab File: BE092326.D
Acq: 1 Sep 2016 13:21

Tgt Ion:112 Resp: 788

Ion	Ratio	Lower	Upper
112	100		
64	66.9	53.5	80.3
63	34.9	27.9	41.9

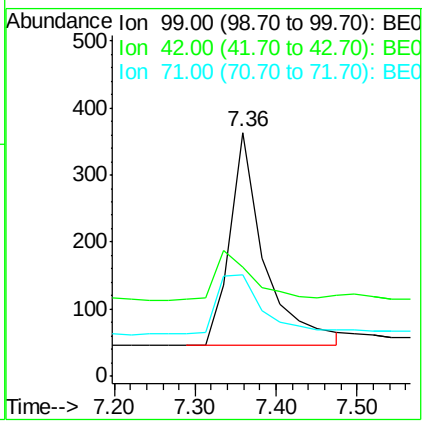




#5
Phenol-d6
Concen: 0.38 ng
RT: 7.36 min Scan# 541
Delta R.T. 0.00 min
Lab File: BE092326.D
Acq: 1 Sep 2016 13:21

Tgt Ion: 99 Resp: 941

Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	38.2	30.6	45.8



Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Manual Integrations APPROVED
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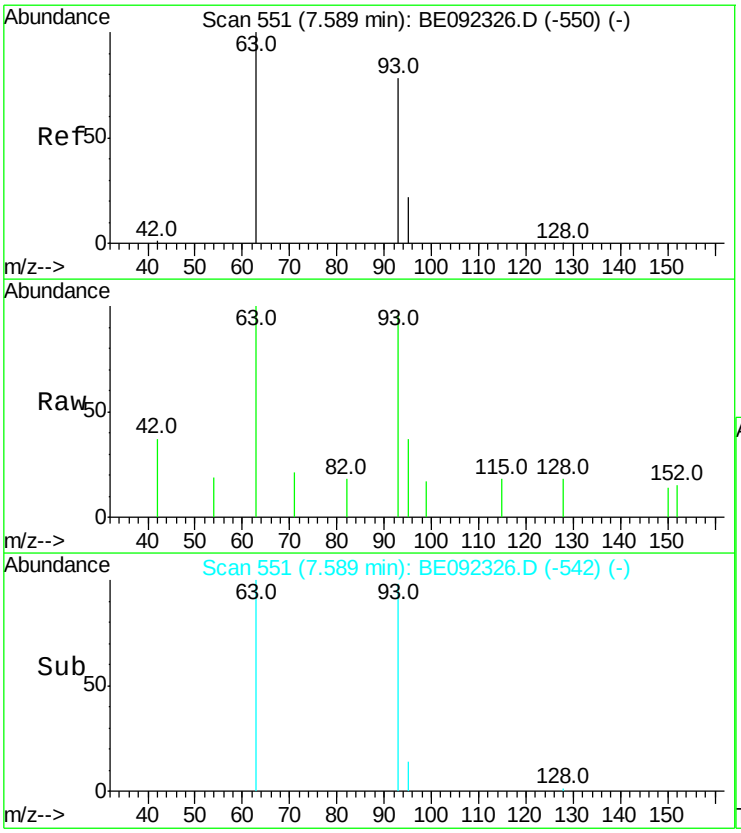
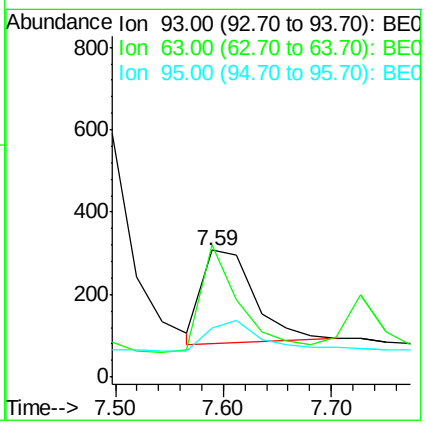
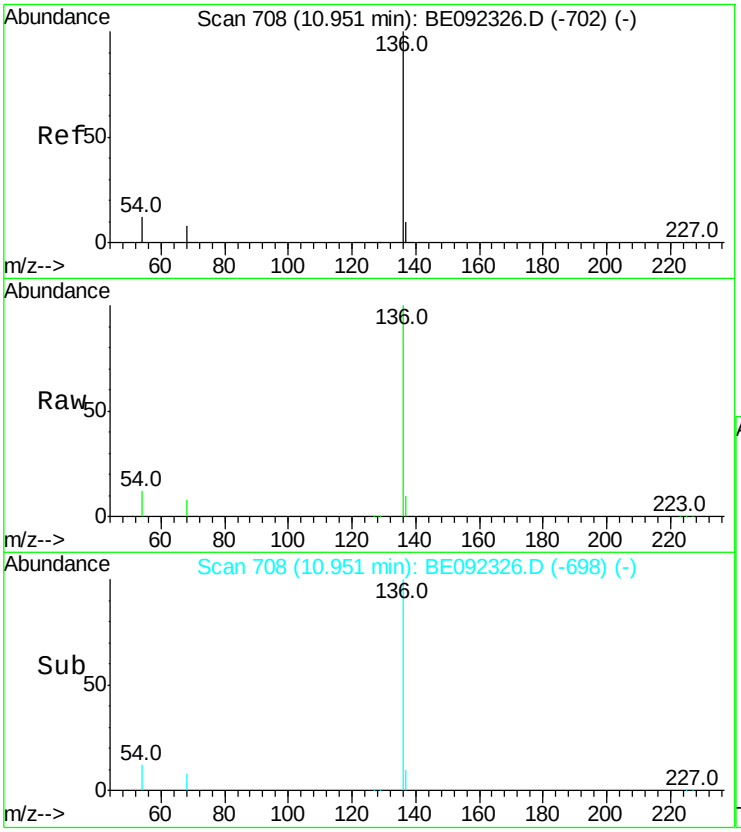


#6
bis(2-Chloroethyl)ether
Concen: 0.39 ng
RT: 7.59 min Scan# 551
Delta R.T. 0.00 min
Lab File: BE092326.D
Acq: 1 Sep 2016 13:21

Tgt Ion: 93 Resp: 761

Ion	Ratio	Lower	Upper
93	100		
63	89.5	71.6	107.4
95	0.0	0.0	0.0

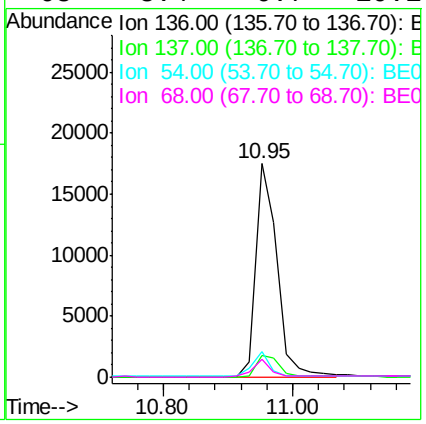




#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.95 min Scan# 708
Delta R.T. 0.00 min
Lab File: BE092326.D
Acq: 1 Sep 2016 13:21

Tgt Ion:136 Resp: 39900

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.2	12.4
54	12.0	9.6	14.4
68	8.4	6.7	10.1



Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Manual Integrations APPROVED
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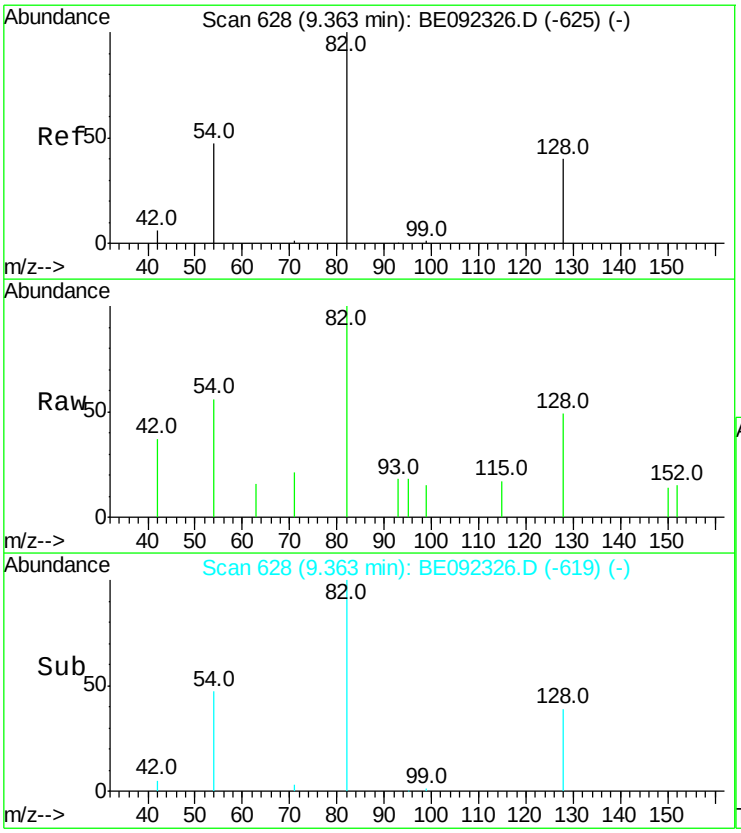
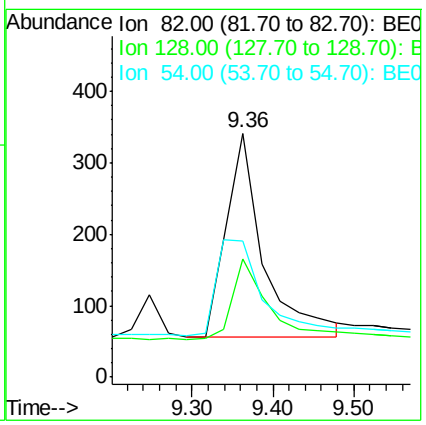
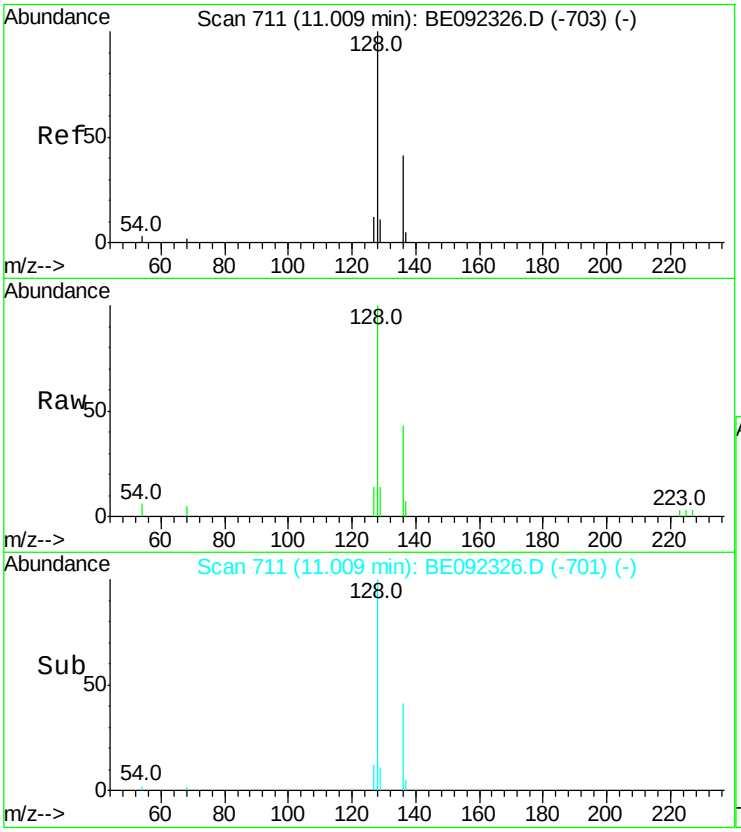


#8
Nitrobenzene-d5
Concen: 0.34 ng
RT: 9.36 min Scan# 628
Delta R.T. 0.00 min
Lab File: BE092326.D
Acq: 1 Sep 2016 13:21

Tgt Ion: 82 Resp: 898

Ion	Ratio	Lower	Upper
82	100		
128	48.7	39.0	58.4
54	56.0	44.8	67.2

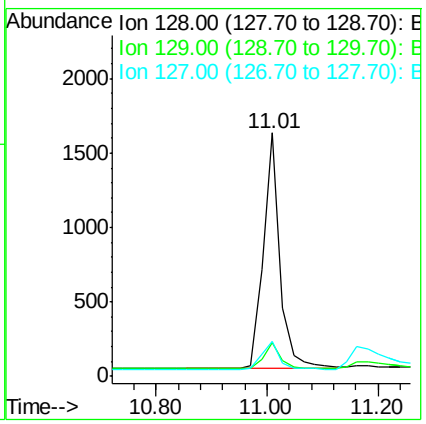




#9
Naphthalene
Concen: 0.37 ng
RT: 11.01 min Scan# 711
Delta R.T. 0.00 min
Lab File: BE092326.D
Acq: 1 Sep 2016 13:21

Tgt Ion:128 Resp: 3302

Ion	Ratio	Lower	Upper
128	100		
129	14.0	11.2	16.8
127	14.5	11.6	17.4



Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Manual Integrations APPROVED
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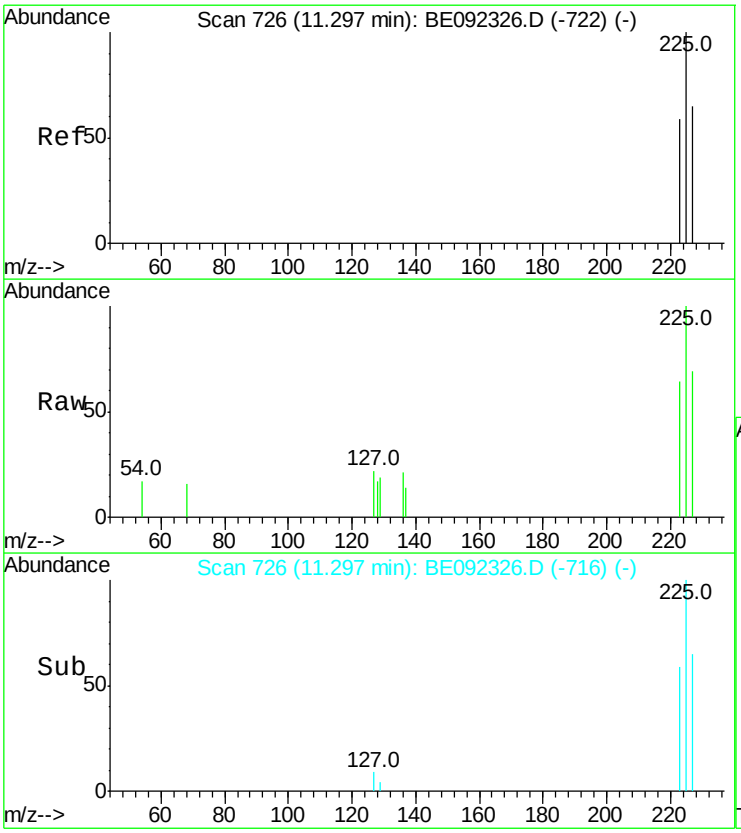
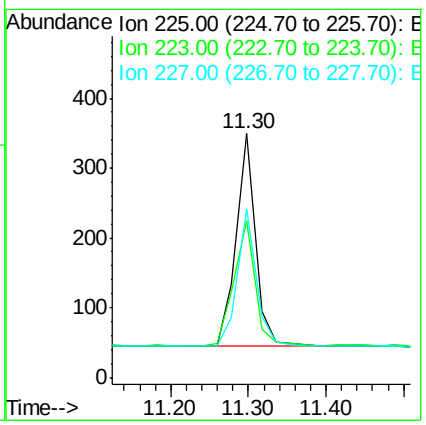
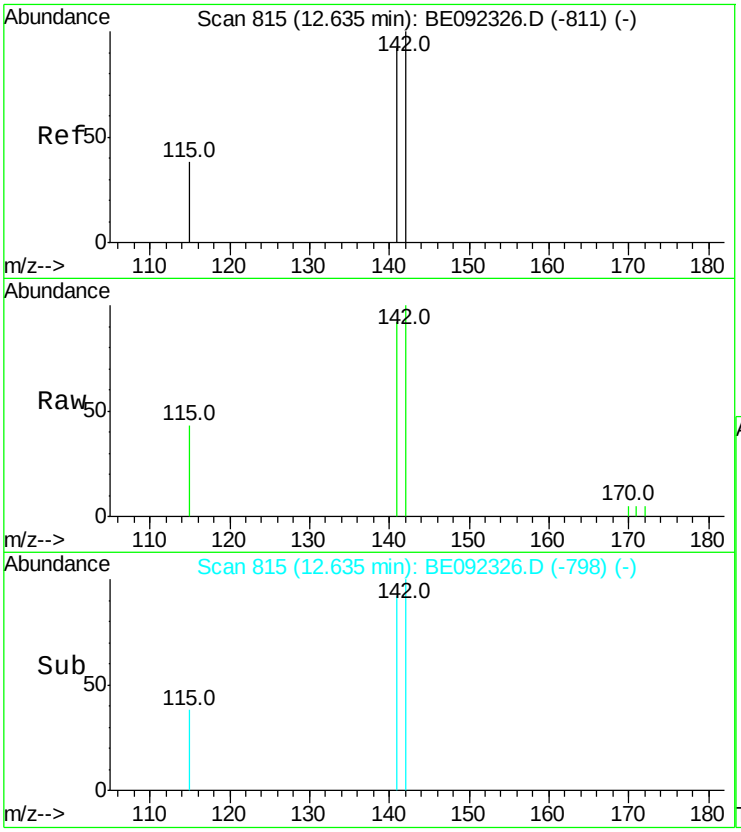


#10
Hexachlorobutadiene
Concen: 0.39 ng
RT: 11.30 min Scan# 726
Delta R.T. 0.00 min
Lab File: BE092326.D
Acq: 1 Sep 2016 13:21

Tgt Ion:225 Resp: 523

Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.6	76.0
227	64.2	51.4	77.0

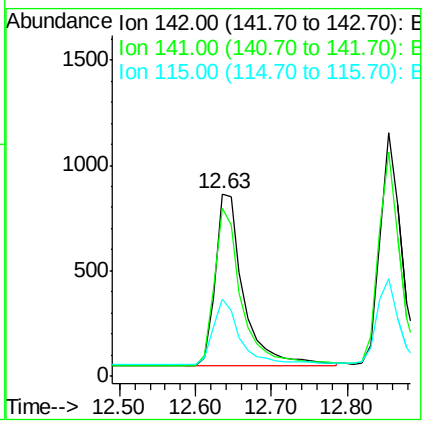




#11
2-Methylnaphthalene
Concen: 0.39 ng
RT: 12.63 min Scan# 815
Delta R.T. 0.00 min
Lab File: BE092326.D
Acq: 1 Sep 2016 13:21

Tgt Ion:142 Resp: 2125

Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.7	110.5
115	42.5	34.0	51.0



Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Manual Integrations APPROVED
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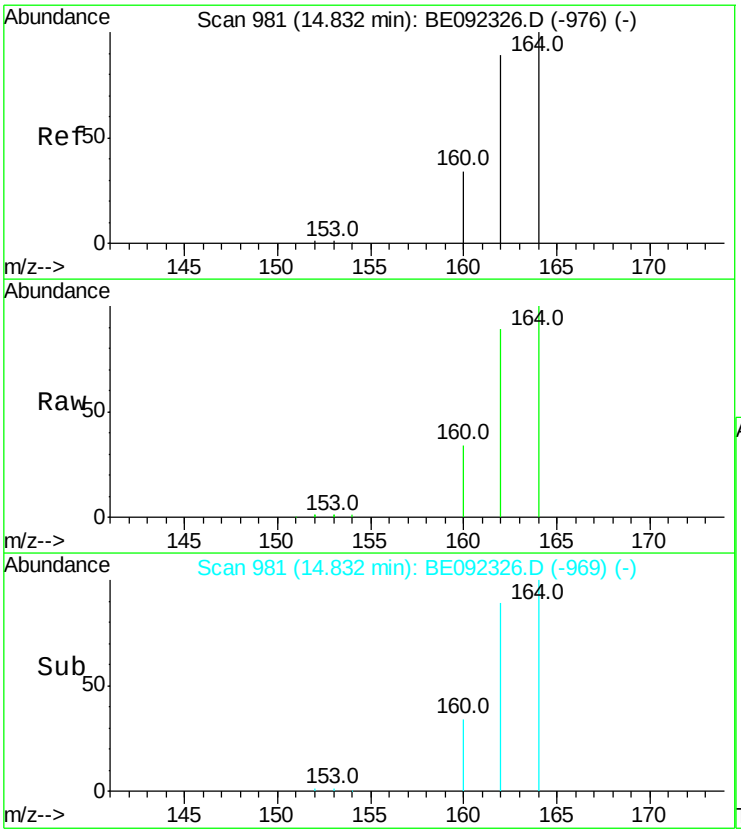
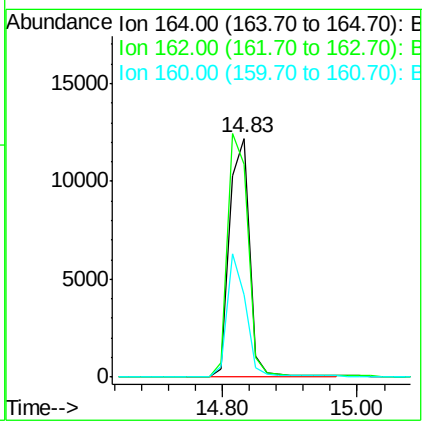
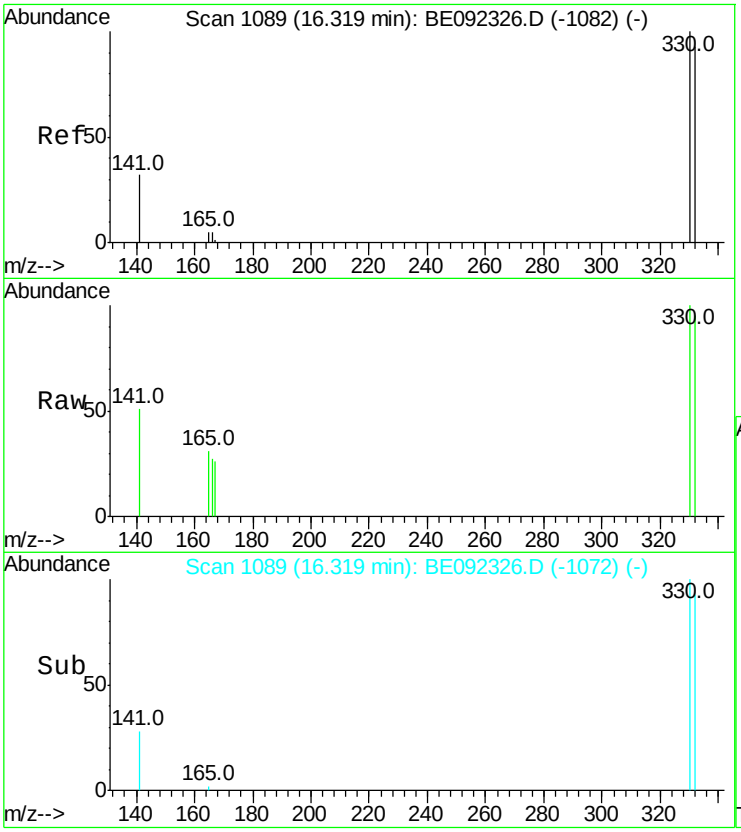


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.83 min Scan# 981
Delta R.T. 0.00 min
Lab File: BE092326.D
Acq: 1 Sep 2016 13:21

Tgt Ion:164 Resp: 24694

Ion	Ratio	Lower	Upper
164	100		
162	89.2	71.4	107.0
160	34.3	27.4	41.2

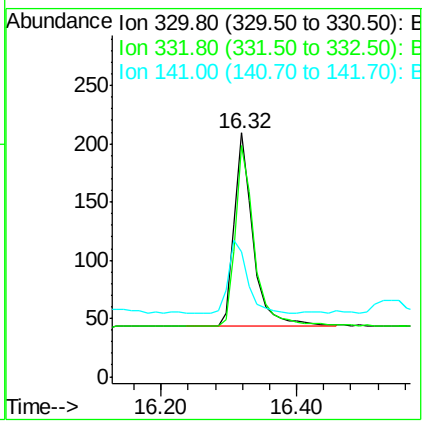




#13
2,4,6-Tribromophenol
Concen: 0.47 ng
RT: 16.32 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BE092326.D
Acq: 1 Sep 2016 13:21

Tgt Ion:330 Resp: 330

Ion	Ratio	Lower	Upper
330	100		
332	94.2	75.4	113.0
141	38.8	31.0	46.6



Instrument :
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ClientSampleId :
SSTDICCC0.4

Manual Integrations APPROVED
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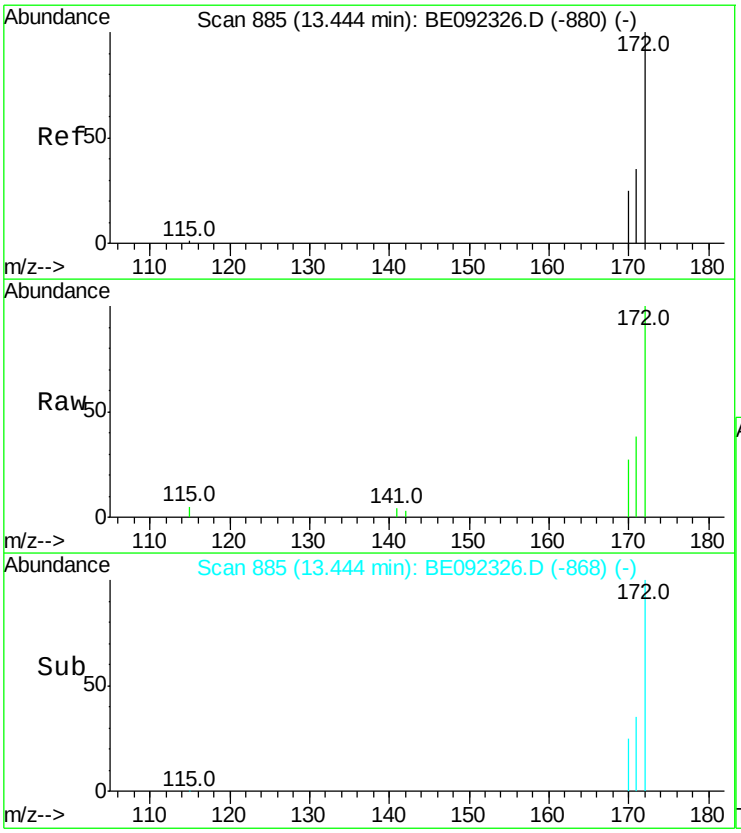
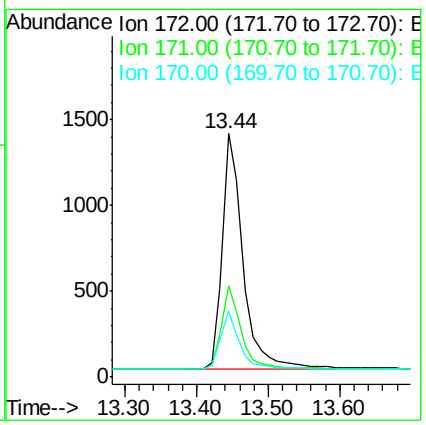
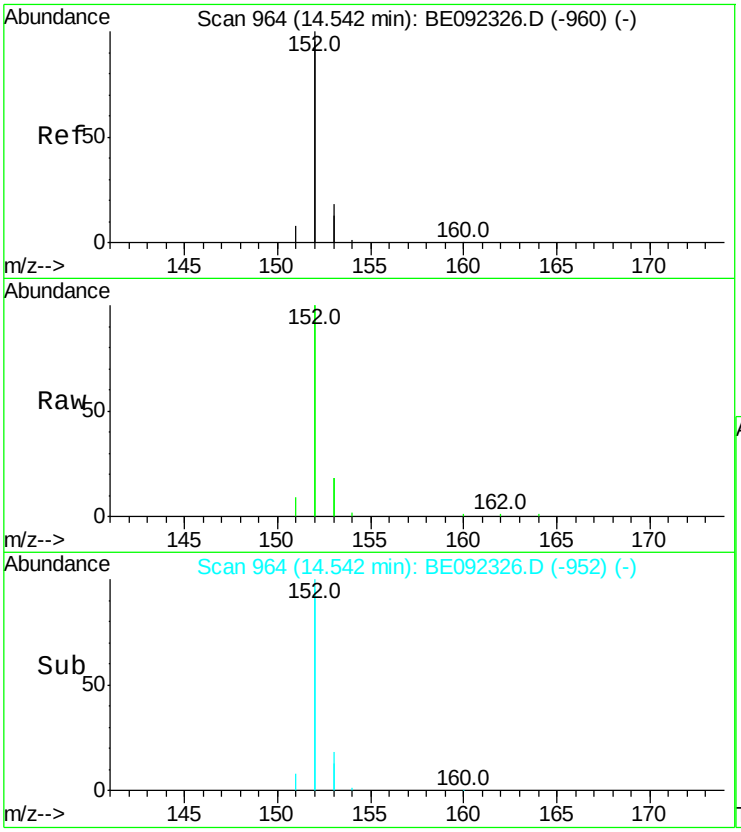


#14
2-Fluorobiphenyl
Concen: 0.36 ng
RT: 13.44 min Scan# 885
Delta R.T. 0.00 min
Lab File: BE092326.D
Acq: 1 Sep 2016 13:21

Tgt Ion:172 Resp: 2784

Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.1	45.1
170	27.2	21.8	32.6

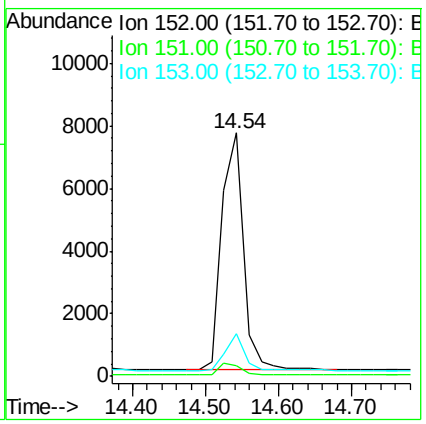




#15
Acenaphthylene
Concen: 0.37 ng
RT: 14.54 min Scan# 964
Delta R.T. 0.00 min
Lab File: BE092326.D
Acq: 1 Sep 2016 13:21

Tgt Ion:152 Resp: 15655

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



Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Manual Integrations APPROVED
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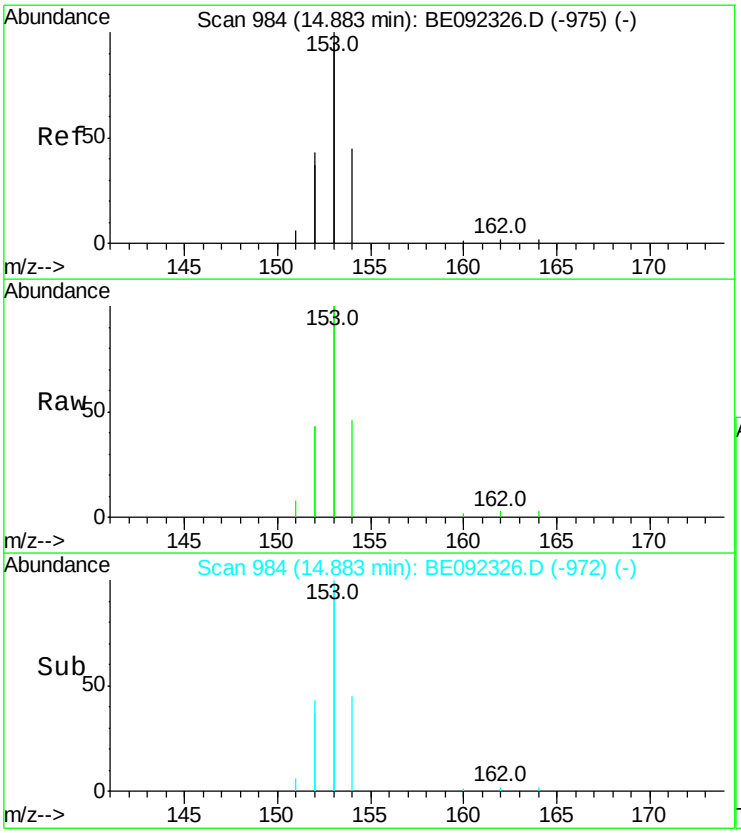
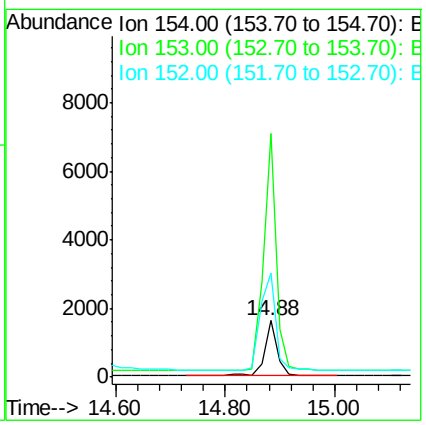
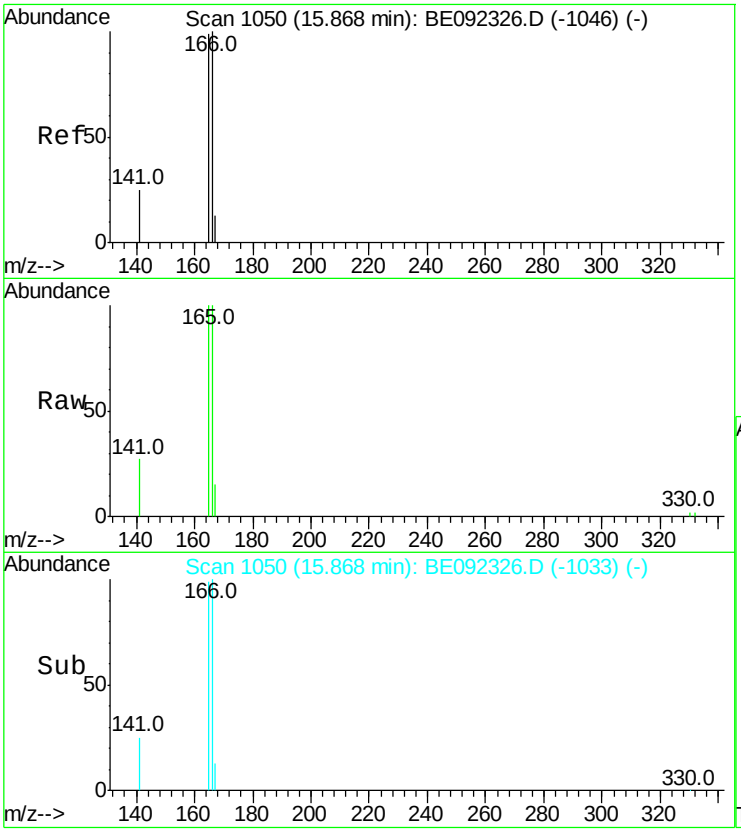


#16
Acenaphthene
Concen: 0.37 ng
RT: 14.88 min Scan# 984
Delta R.T. 0.00 min
Lab File: BE092326.D
Acq: 1 Sep 2016 13:21

Tgt Ion:154 Resp: 2569

Ion	Ratio	Lower	Upper
154	100		
153	438.5	350.8	526.2
152	213.9	171.1	256.7





#17
Fluorene
Concen: 0.39 ng
RT: 15.87 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BE092326.D
Acq: 1 Sep 2016 13:21

Tgt Ion:166 Resp: 3263

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.2	117.4
167	13.7	11.0	16.4

Instrument :
BNA_E
ClientSampleId :
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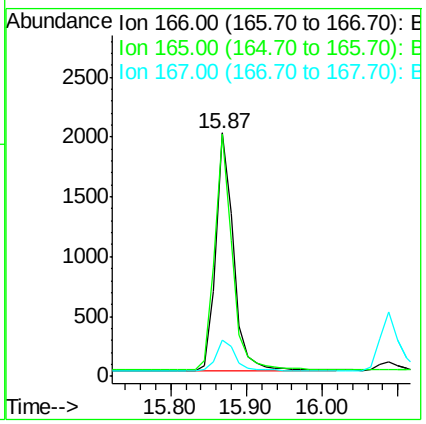
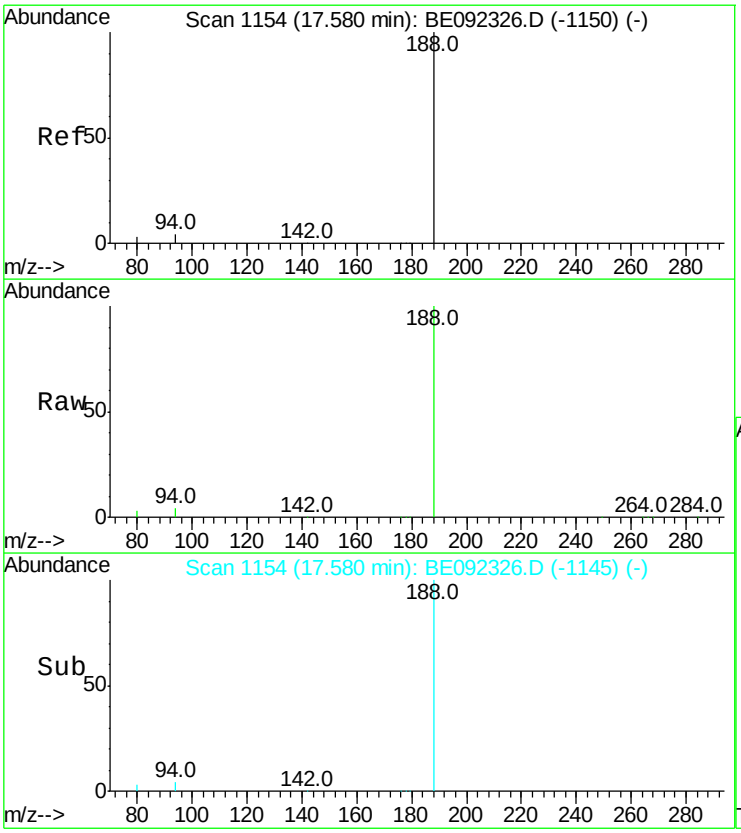
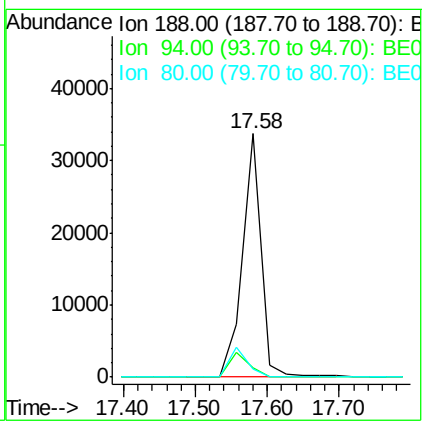


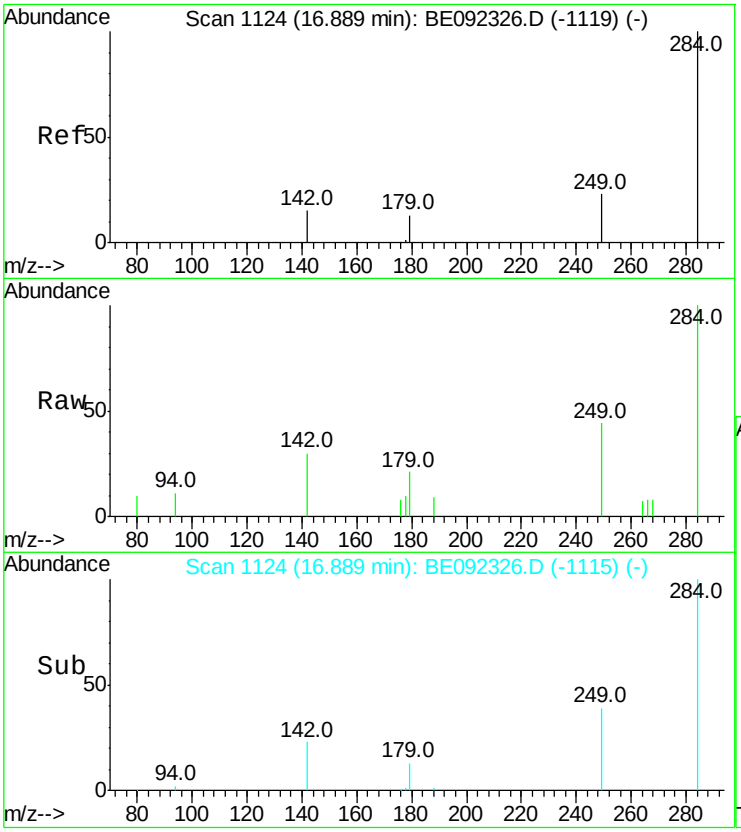


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.58 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE092326.D
Acq: 1 Sep 2016 13:21

Tgt Ion:188 Resp: 60388

Ion	Ratio	Lower	Upper
188	100		
94	4.0	3.2	4.8
80	3.2	2.6	3.8

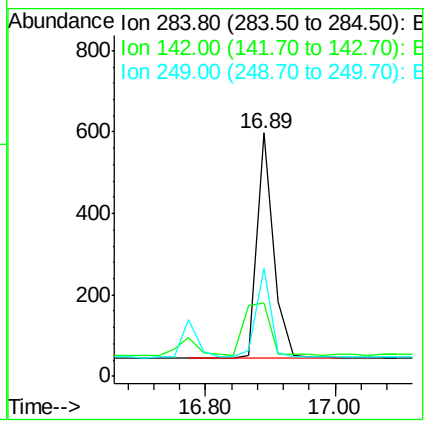




#19
Hexachlorobenzene
Concen: 0.40 ng
RT: 16.89 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BE092326.D
Acq: 1 Sep 2016 13:21

Tgt Ion:284 Resp: 991

Ion	Ratio	Lower	Upper
284	100		
142	36.4	29.1	43.7
249	34.9	27.9	41.9



Instrument :
BNA_E
ClientSampleId :
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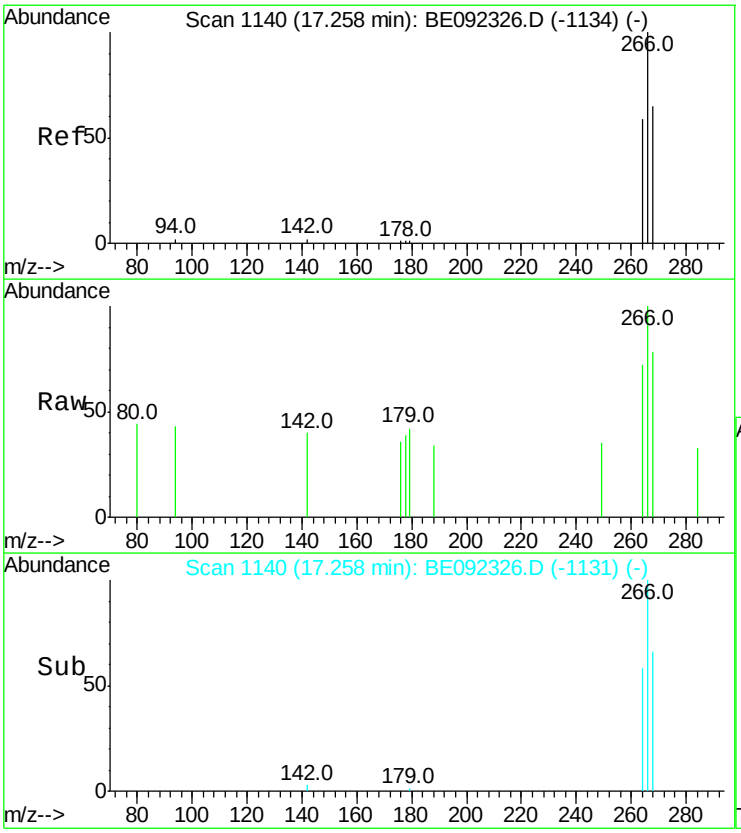
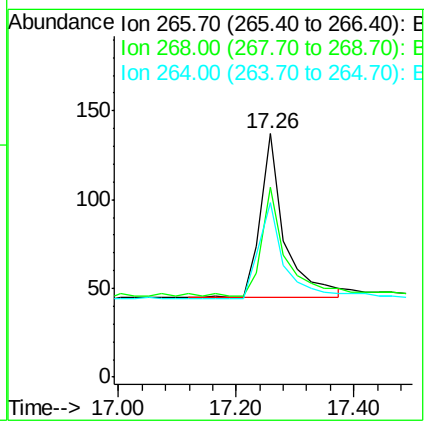
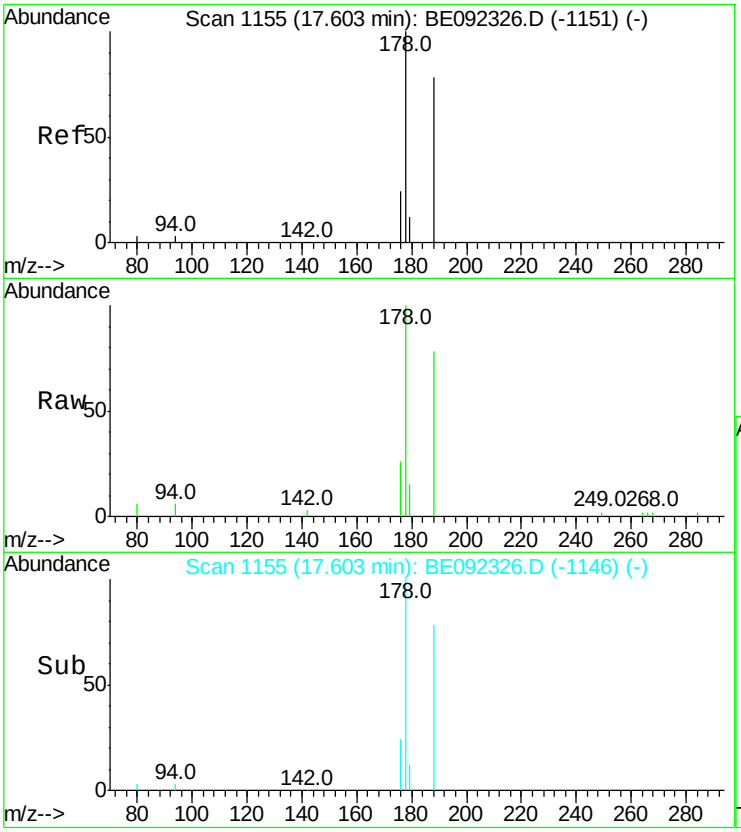


#20
Pentachlorophenol
Concen: 0.42 ng
RT: 17.26 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BE092326.D
Acq: 1 Sep 2016 13:21

Tgt Ion:266 Resp: 264

Ion	Ratio	Lower	Upper
266	100		
268	78.1	62.5	93.7
264	71.5	57.2	85.8

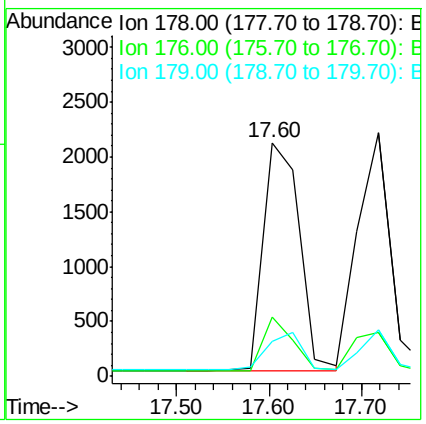




#21
Phenanthrene
Concen: 0.39 ng
RT: 17.60 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BE092326.D
Acq: 1 Sep 2016 13:21

Tgt Ion:178 Resp: 5636

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	0.0	0.0	0.0



Instrument :
BNA_E
ClientSampleId :
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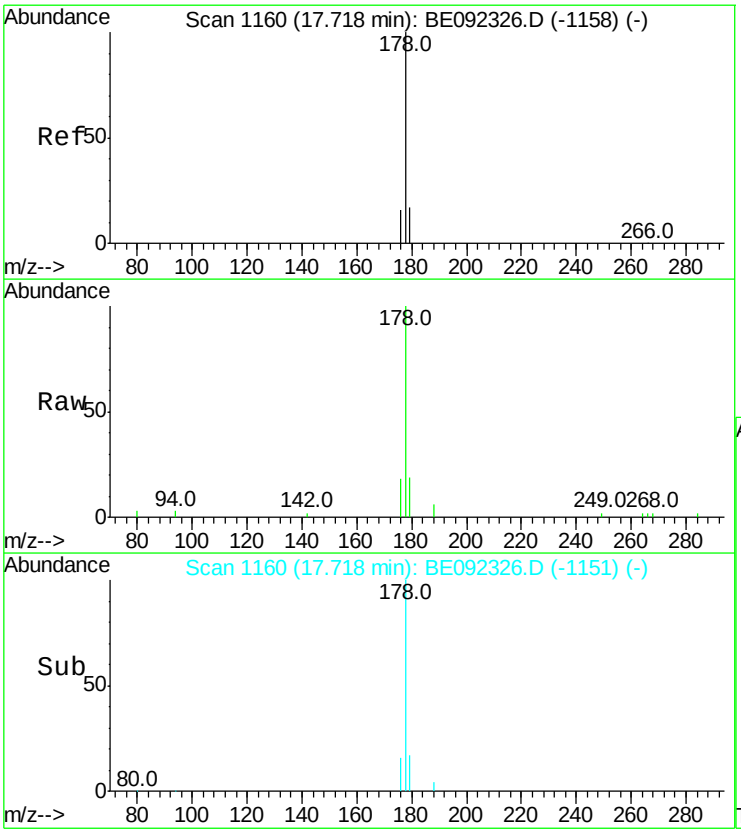
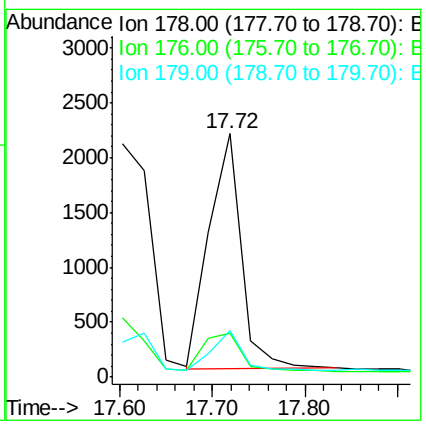
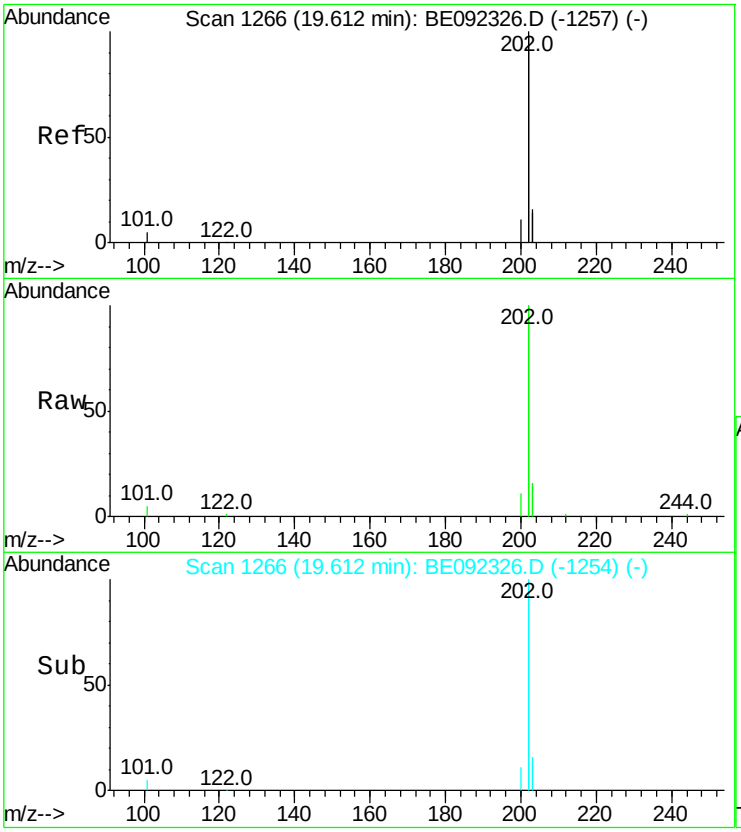


#22
Anthracene
Concen: 0.40 ng
RT: 17.72 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BE092326.D
Acq: 1 Sep 2016 13:21

Tgt Ion:178 Resp: 5229

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.2	12.2	18.2

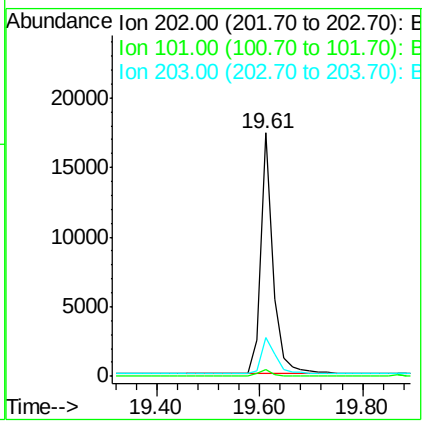




#23
Fluoranthene
Concen: 0.43 ng
RT: 19.61 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BE092326.D
Acq: 1 Sep 2016 13:21

Tgt Ion:202 Resp: 28055

Ion	Ratio	Lower	Upper
202	100		
101	2.8	2.2	3.4
203	17.1	13.7	20.5



Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

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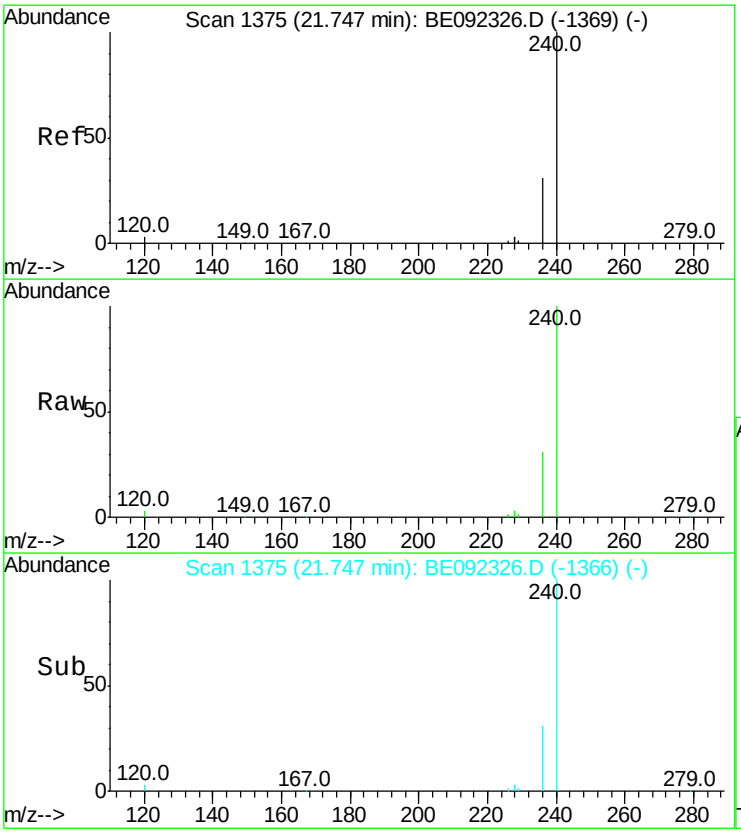
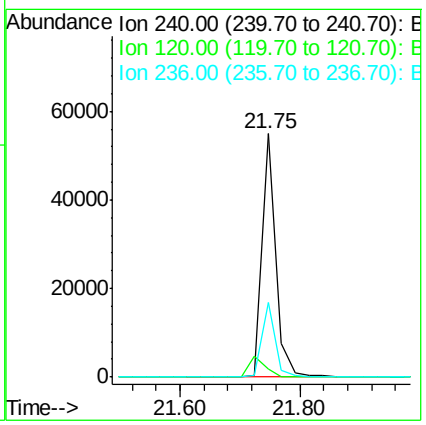
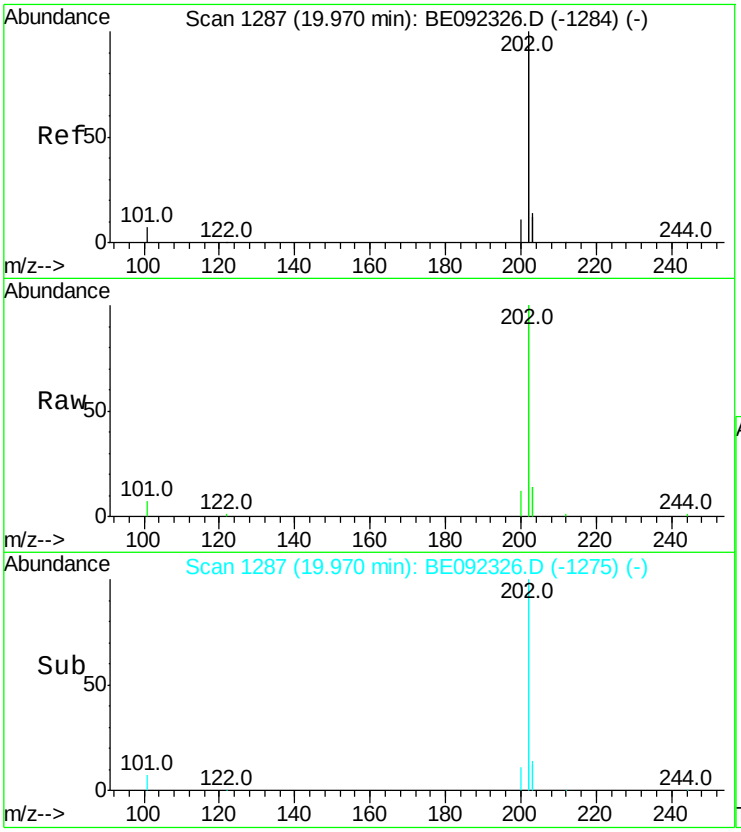


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE092326.D
Acq: 1 Sep 2016 13:21

Tgt Ion:240 Resp: 87748

Ion	Ratio	Lower	Upper
240	100		
120	3.3	2.6	4.0
236	30.8	24.6	37.0

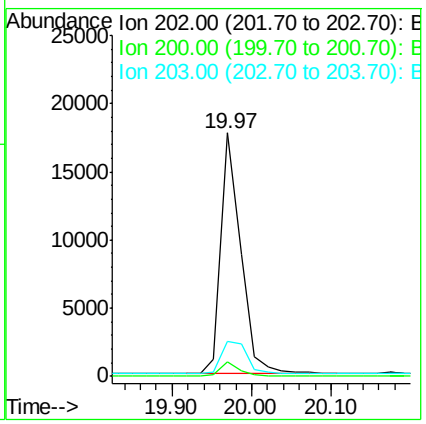




#25
Pyrene
Concen: 0.37 ng
RT: 19.97 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BE092326.D
Acq: 1 Sep 2016 13:21

Tgt Ion:202 Resp: 30340

Ion	Ratio	Lower	Upper
202	100		
200	5.3	4.2	6.4
203	17.4	13.9	20.9



Instrument :
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ClientSampleId :
SSTDICCC0.4

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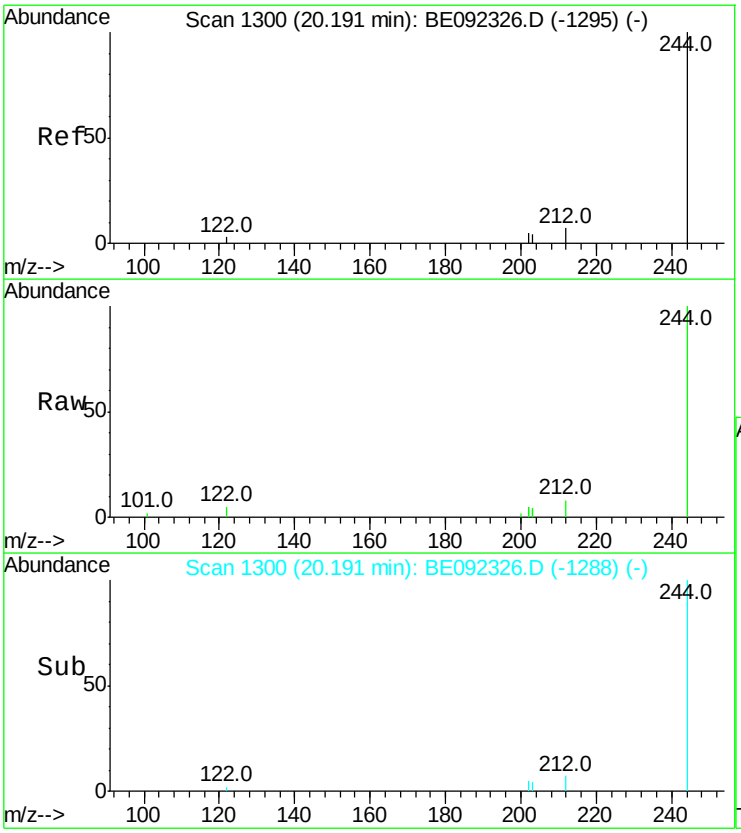
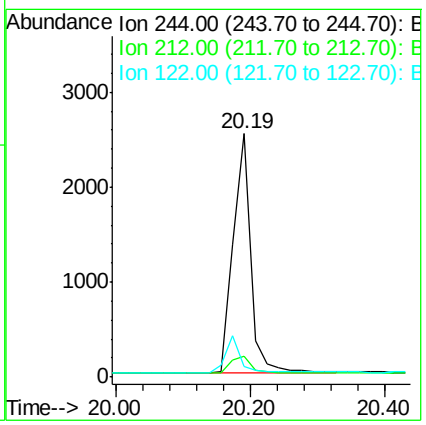
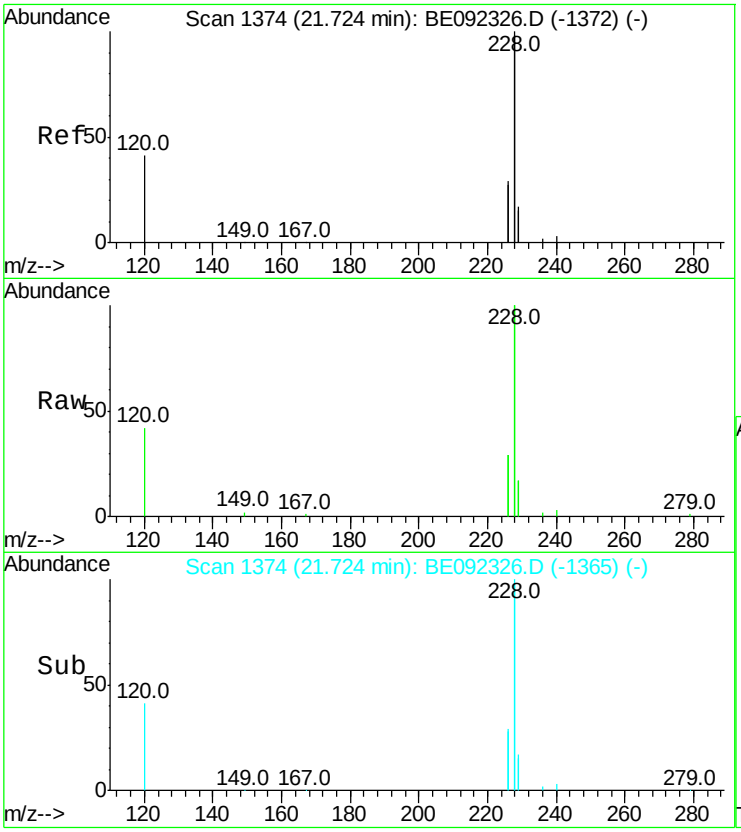


#26
Terphenyl-d14
Concen: 0.38 ng
RT: 20.19 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BE092326.D
Acq: 1 Sep 2016 13:21

Tgt Ion:244 Resp: 4551

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.7	10.1
122	4.5	3.6	5.4

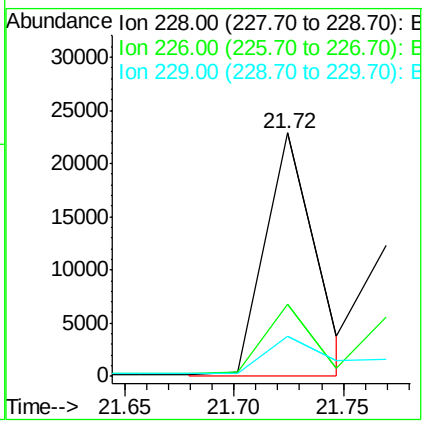




#27
Benzo(a)anthracene
Concen: 0.40 ng m
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092326.D
Acq: 1 Sep 2016 13:21

Tgt Ion:228 Resp: 36778

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.6	35.4
229	16.6	13.3	19.9



Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

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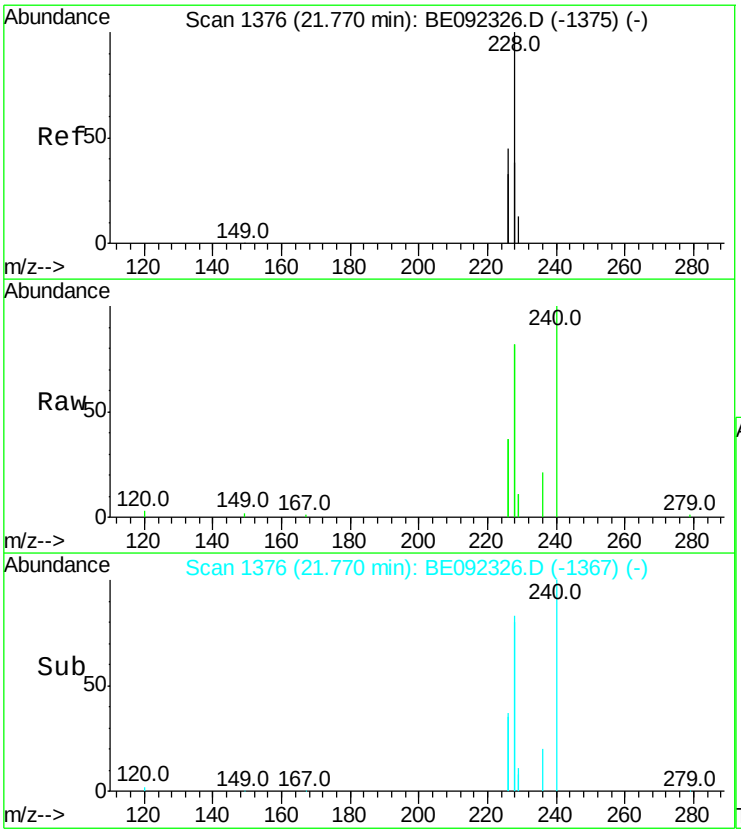
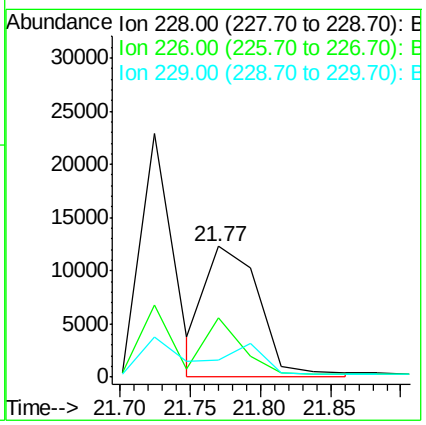
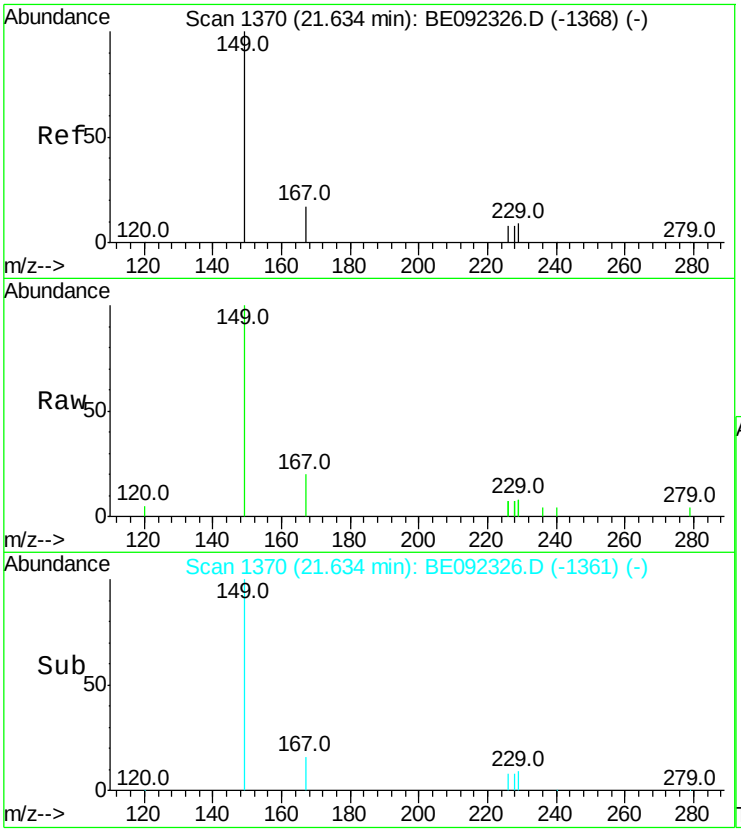


#28
Chrysene
Concen: 0.41 ng m
RT: 21.77 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BE092326.D
Acq: 1 Sep 2016 13:21

Tgt Ion:228 Resp: 33201

Ion	Ratio	Lower	Upper
228	100		
226	45.4	36.3	54.5
229	13.3	10.6	16.0





#29
Bis(2-ethylhexyl)phthalate
Concen: 0.57 ng
RT: 21.63 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BE092326.D
Acq: 1 Sep 2016 13:21

Tgt Ion:149 Resp: 3581

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

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

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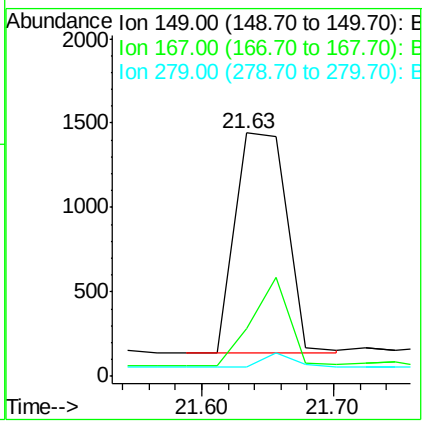
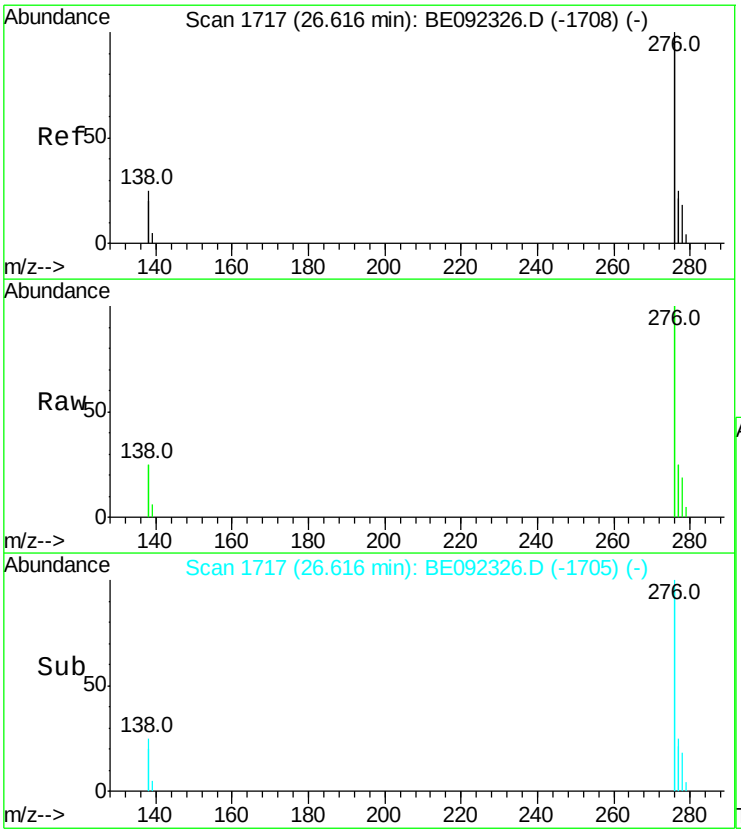
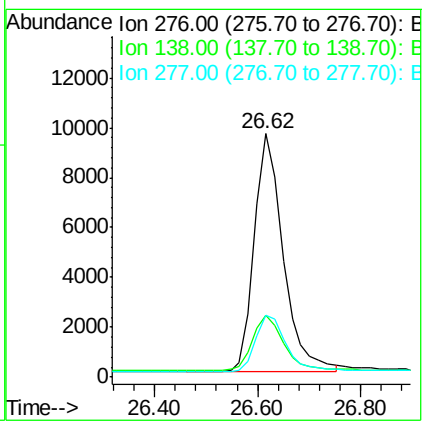


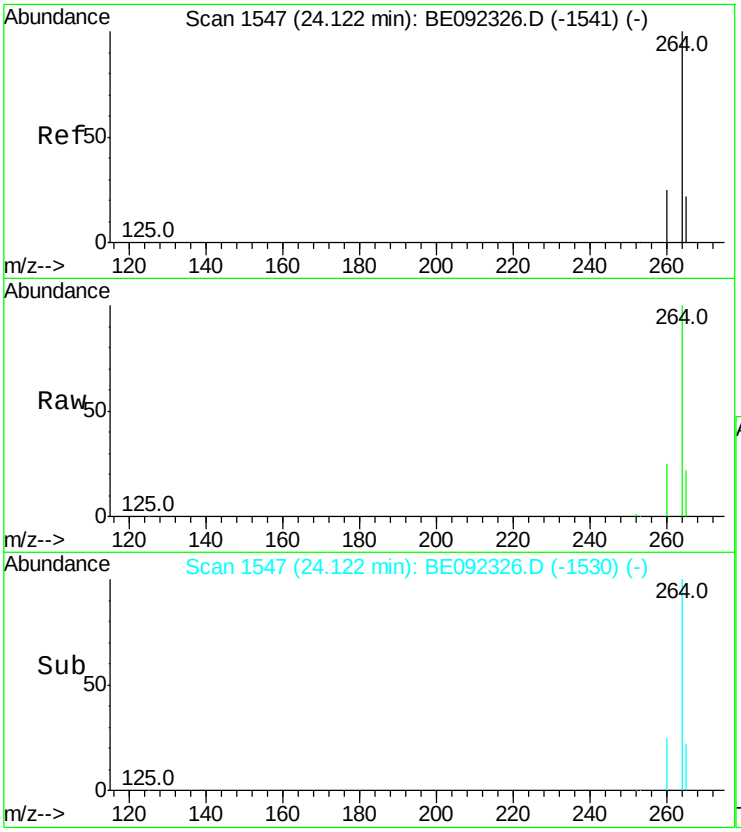


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.43 ng
RT: 26.62 min Scan# 1717
Delta R.T. 0.00 min
Lab File: BE092326.D
Acq: 1 Sep 2016 13:21

Tgt Ion:276 Resp: 36999

Ion	Ratio	Lower	Upper
276	100		
138	25.4	20.3	30.5
277	24.6	19.7	29.5

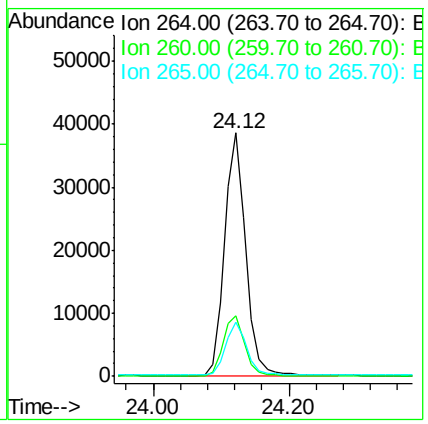




#31
Perylene-d12
Concen: 5.00 ng
RT: 24.12 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BE092326.D
Acq: 1 Sep 2016 13:21

Tgt Ion:264 Resp: 85315

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.1	30.1
265	22.4	17.9	26.9



Instrument :
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ClientSampleId :
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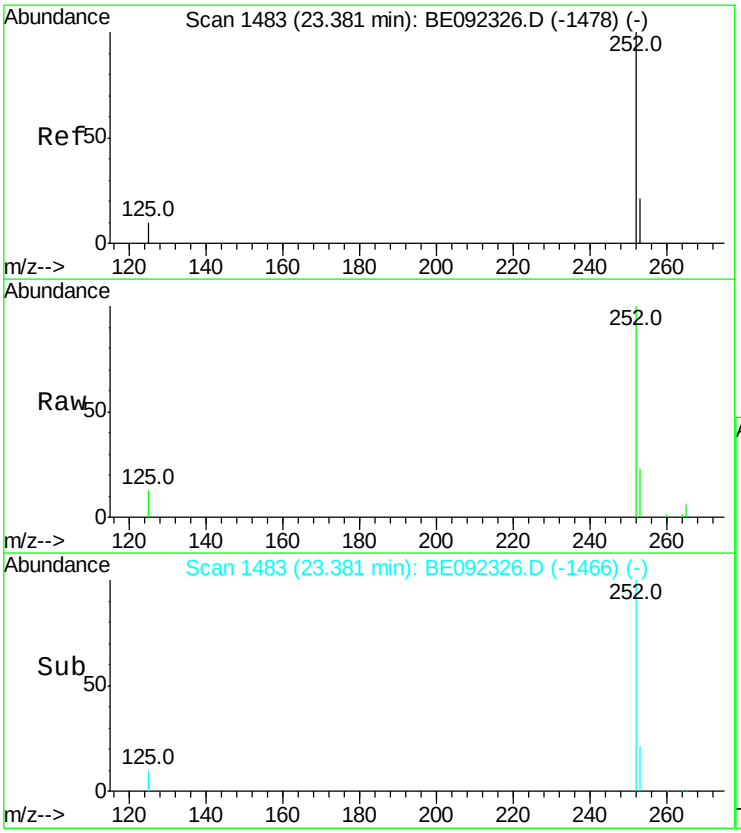
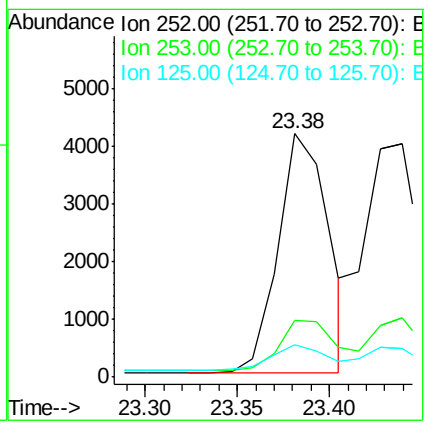
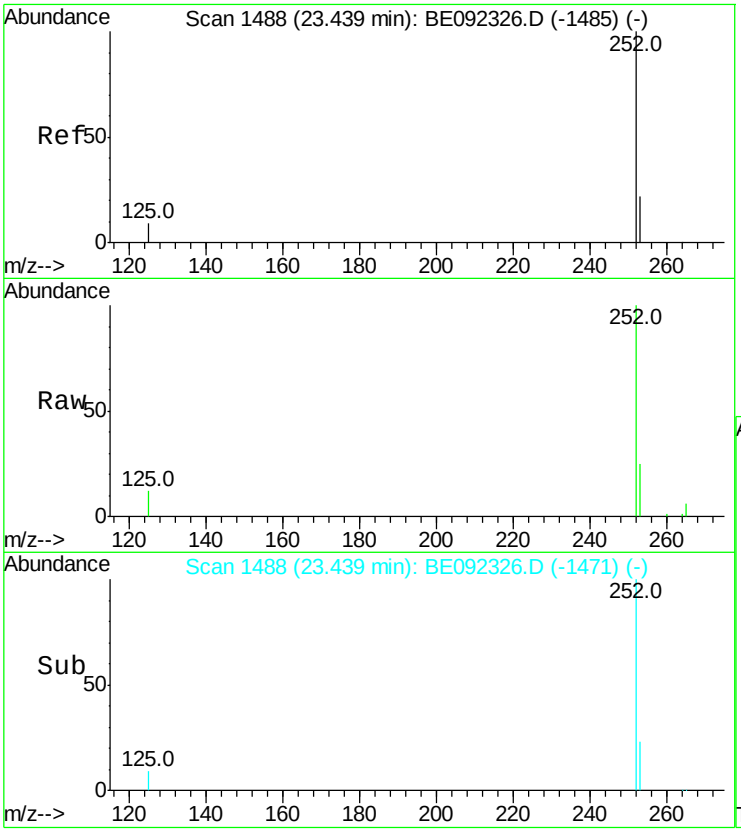


#32
Benzo(b)fluoranthene
Concen: 0.39 ng
RT: 23.38 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BE092326.D
Acq: 1 Sep 2016 13:21

Tgt Ion:252 Resp: 7875

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.7	28.1
125	13.1	10.5	15.7

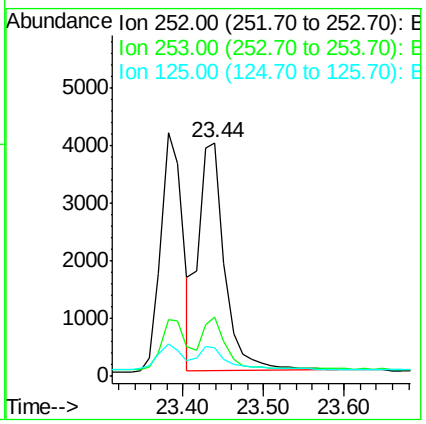




#33
Benzo(k)fluoranthene
Concen: 0.39 ng
RT: 23.44 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BE092326.D
Acq: 1 Sep 2016 13:21

Tgt Ion:252 Resp: 8941

Ion	Ratio	Lower	Upper
252	100		
253	25.4	20.3	30.5
125	12.0	9.6	14.4



Instrument :
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ClientSampleId :
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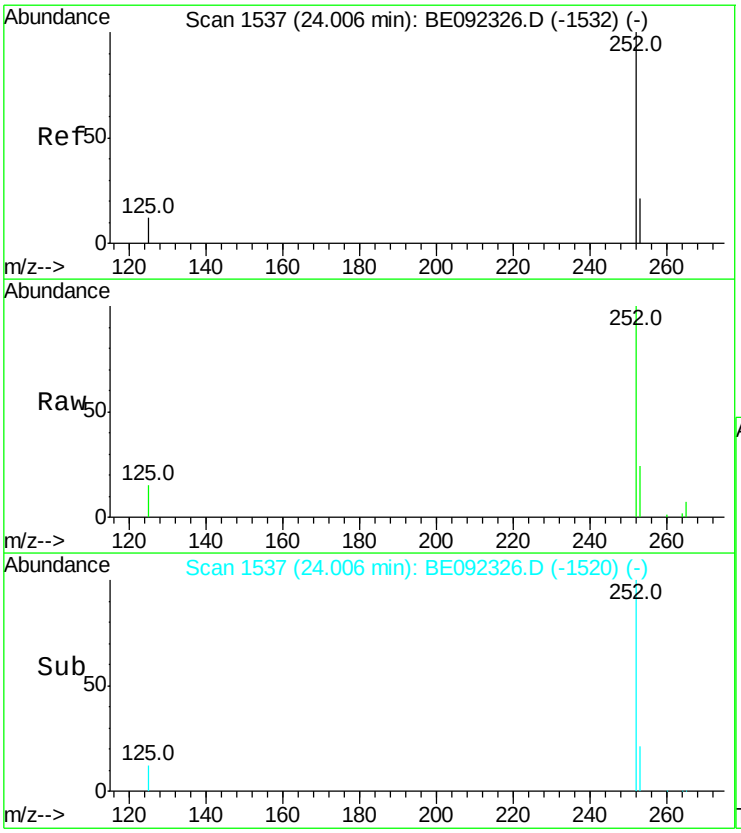
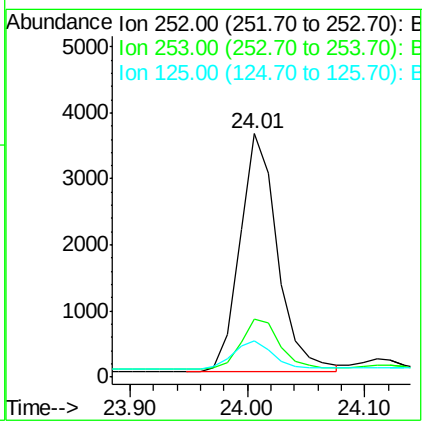
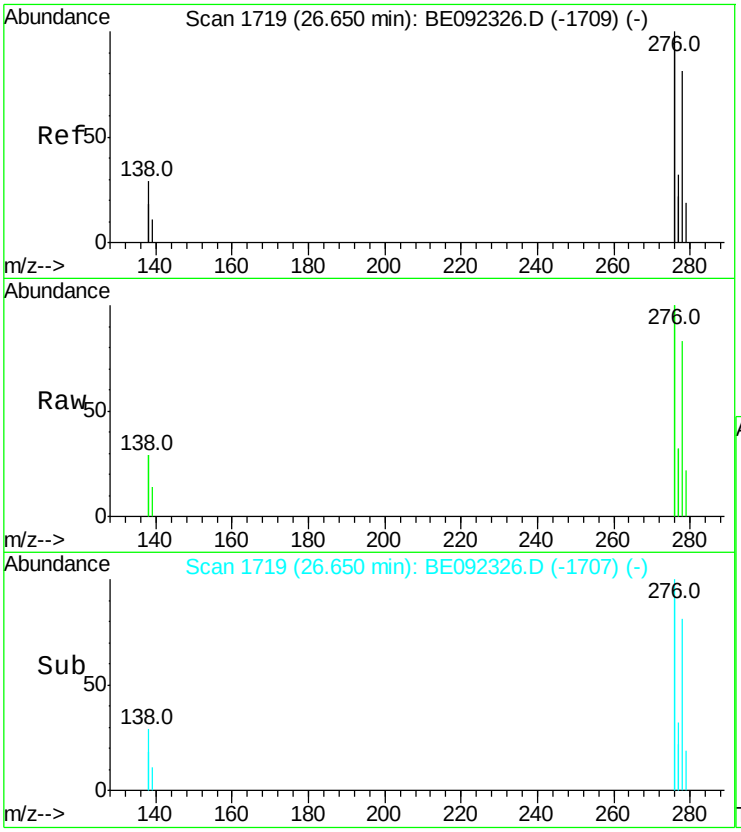


#34
Benzo(a)pyrene
Concen: 0.39 ng
RT: 24.01 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BE092326.D
Acq: 1 Sep 2016 13:21

Tgt Ion:252 Resp: 8025

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.0	28.6
125	14.8	11.8	17.8

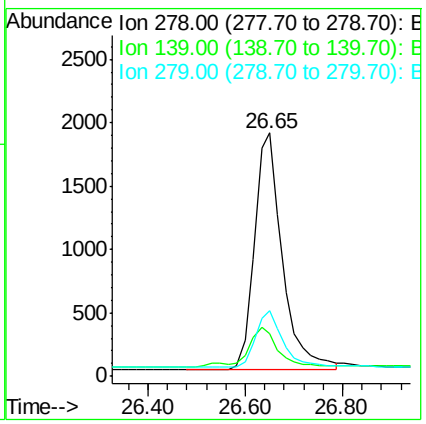




#35
Dibenzo(a,h)anthracene
Concen: 0.41 ng
RT: 26.65 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BE092326.D
Acq: 1 Sep 2016 13:21

Tgt Ion:278 Resp: 7516

Ion	Ratio	Lower	Upper
278	100		
139	17.3	13.8	20.8
279	26.8	21.4	32.2



Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

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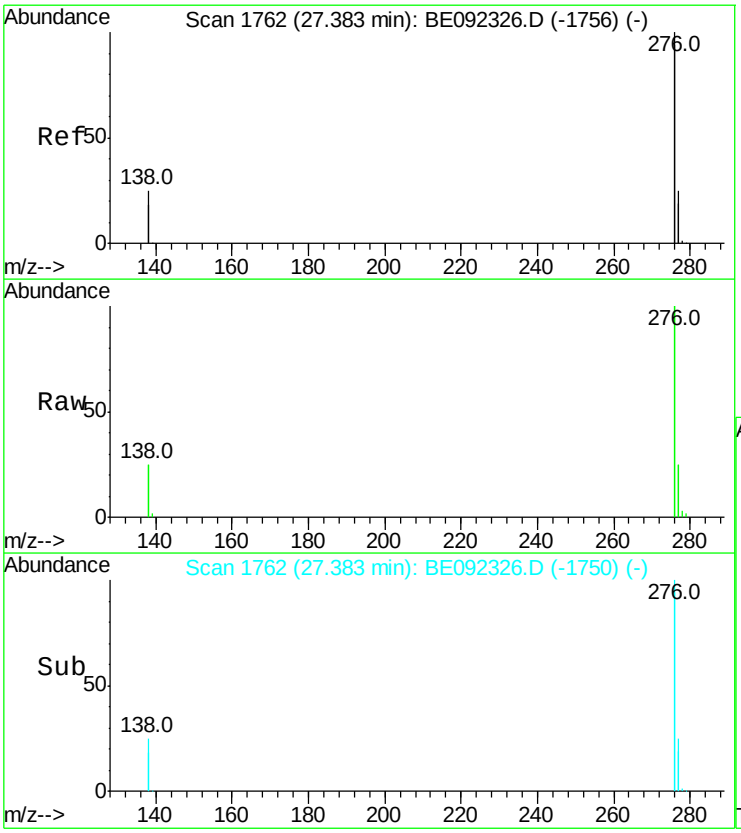

#36
Benzo(g,h,i)perylene
Concen: 0.40 ng
RT: 27.38 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BE092326.D
Acq: 1 Sep 2016 13:21

Tgt Ion:276 Resp: 31695

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.8	29.8
138	24.7	19.8	29.6