Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020117\
Data File : BE092716.D
Acq On : 1 Feb 2017 15:44
Operator : SJ/MA
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

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2/2/2017 10:14:33 AM

Quant Time: Feb 02 09:53:01 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE011617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 10:14:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	15049	5.00	ng		0.00
7) Naphthalene-d8	10.91	136	72464	5.00	ng		0.00
12) Acenaphthene-d10	14.78	164	45015	5.00	ng		0.00
18) Phenanthrene-d10	17.53	188	99472	5.00	ng		0.00
24) Chrysene-d12	21.72	240	94761	5.00	ng		0.00
31) Perylene-d12	24.06	264	106841	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.64	112	1446	0.43	ng		-0.01
5) Phenol-d6	7.31	99	1972	0.48	ng		-0.02
8) Nitrobenzene-d5	9.32	82	1816	0.39	ng		-0.02
13) 2,4,6-Tribromophenol	16.28	330	508	0.51	ng		-0.01
14) 2-Fluorobiphenyl	13.40	172	4560	0.41	ng		-0.02
26) Terphenyl-d14	20.16	244	6173	0.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	910	0.39	ng		95
3) n-Nitrosodimethylamine	3.75	42	935	0.34	ng	#	98
6) bis(2-Chloroethyl)ether	7.56	93	1589	0.36	ng	#	28
9) Naphthalene	10.95	128	6089	0.40	ng		97
10) Hexachlorobutadiene	11.24	225	963	0.43	ng		99
11) 2-Methylnaphthalene	12.59	142	3778	0.40	ng		97
15) Acenaphthylene	14.49	152	26083	0.42	ng		100
16) Acenaphthene	14.83	154	4281	0.43	ng		99
17) Fluorene	15.83	166	5101	0.41	ng		100
19) Hexachlorobenzene	16.87	284	1341m	0.33	ng		
20) Pentachlorophenol	17.21	266	499	0.49	ng		92
21) Phenanthrene	17.58	178	8332	0.38	ng		95
22) Anthracene	17.67	178	8748	0.43	ng		99
23) Fluoranthene	19.58	202	43340	0.45	ng		97
25) Pyrene	19.93	202	45037	0.48	ng		98
27) Benzo(a)anthracene	21.70	228	43957	0.47	ng	#	75
28) Chrysene	21.75	228	43455m	0.41	ng		
29) Bis(2-ethylhexyl)phthalate	21.61	149	11693	0.82	ng	#	68
30) Indeno(1,2,3-cd)pyrene	26.53	276	48649	0.43	ng		98
32) Benzo(b)fluoranthene	23.34	252	10896	0.42	ng	#	94
33) Benzo(k)fluoranthene	23.38	252	11031	0.42	ng	#	95
34) Benzo(a)pyrene	23.95	252	10387	0.43	ng	#	92
35) Dibenzo(a,h)anthracene	26.56	278	10024	0.42	ng	#	96
36) Benzo(g,h,i)perylene	27.30	276	42108	0.42	ng		97

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

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Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

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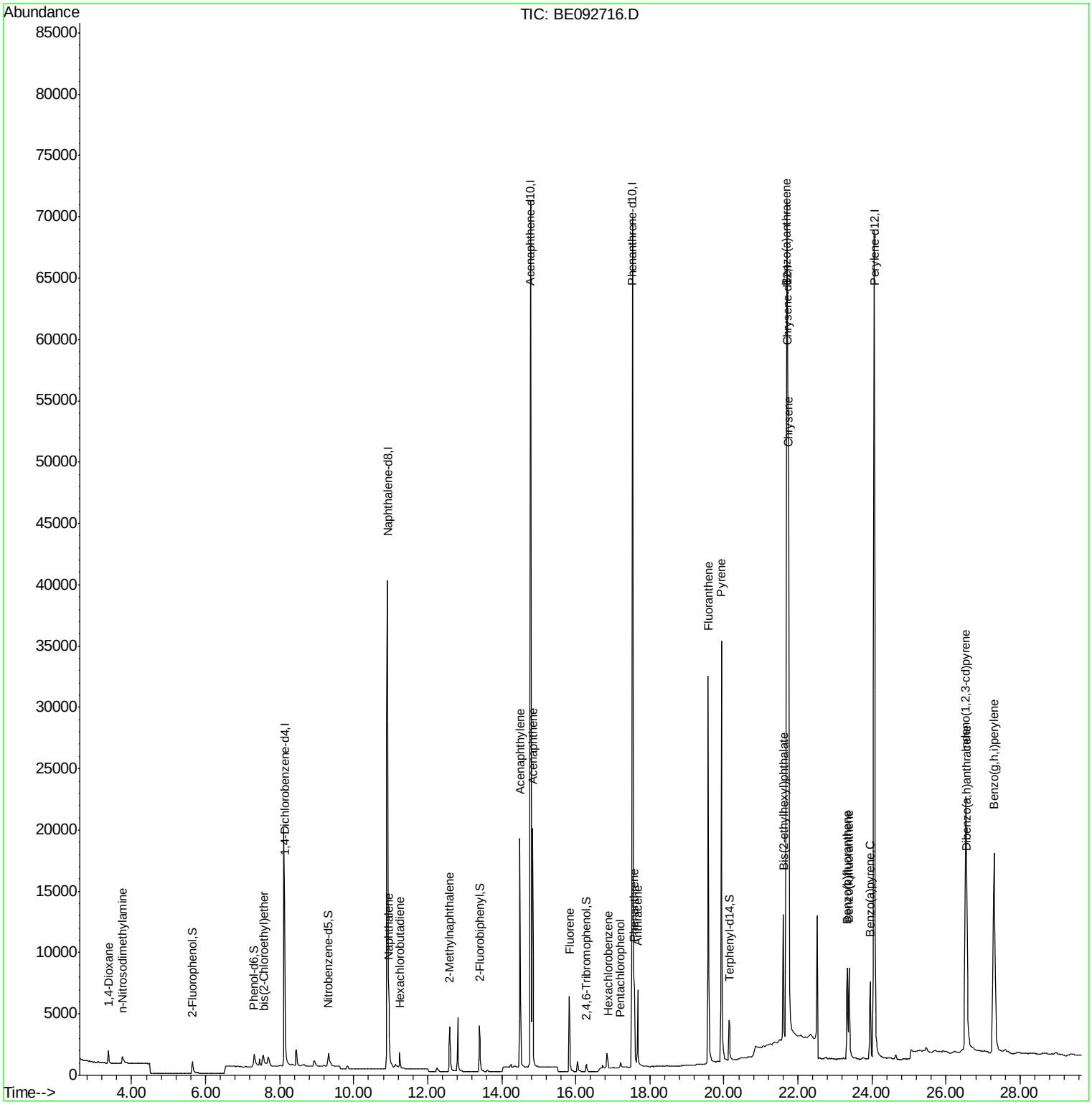
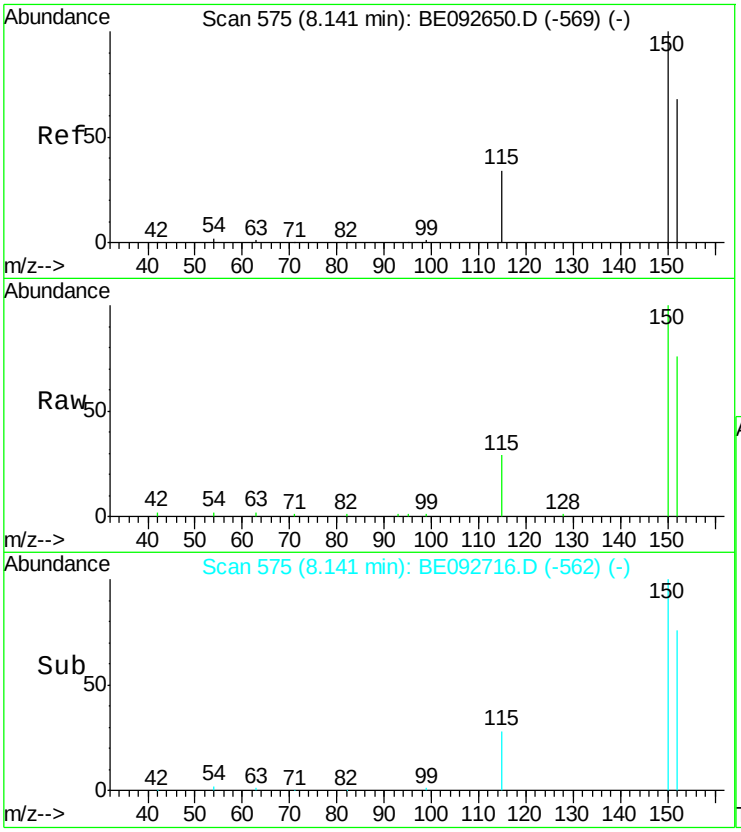
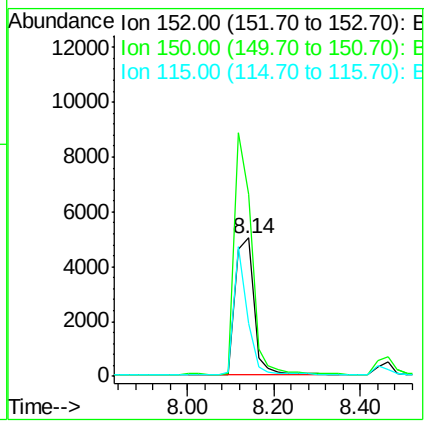




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.14 min Scan# 575
Delta R.T. -0.00 min
Lab File: BE092716.D
Acq: 1 Feb 2017 15:44

Tgt Ion:152 Resp: 15049

Ion	Ratio	Lower	Upper
152	100		
150	131.5	106.0	159.0
115	38.4	31.2	46.8



Instrument :
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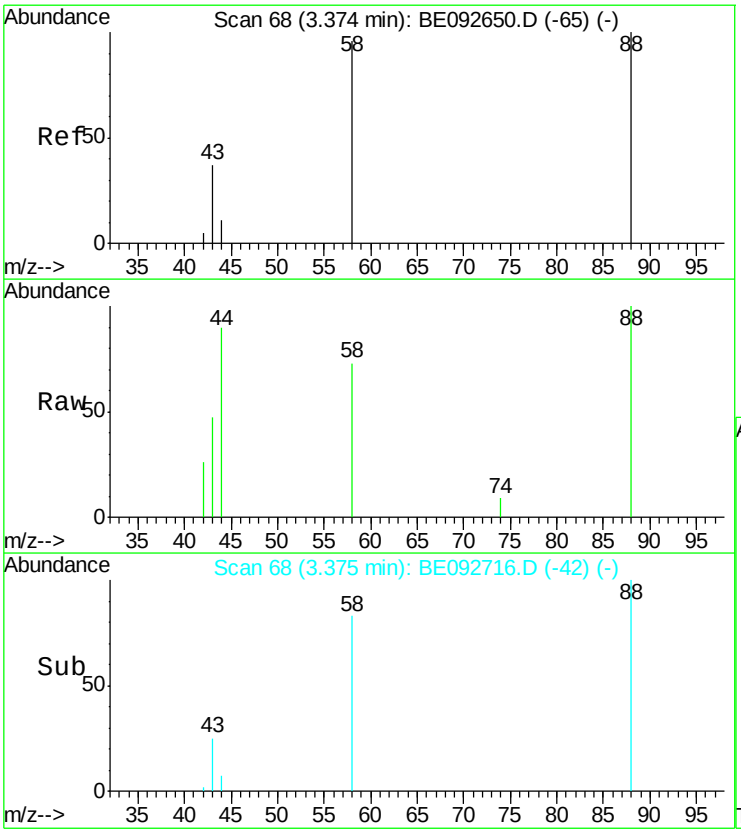
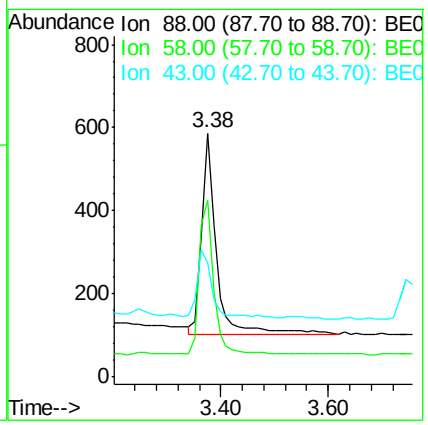
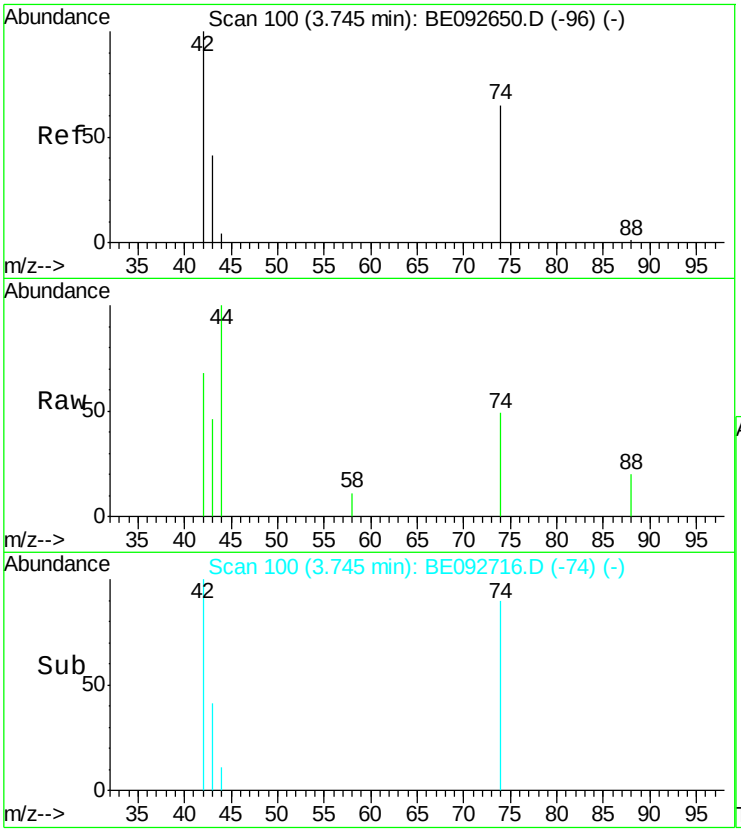


#2
1,4-Dioxane
Concen: 0.39 ng
RT: 3.38 min Scan# 68
Delta R.T. 0.00 min
Lab File: BE092716.D
Acq: 1 Feb 2017 15:44

Tgt Ion: 88 Resp: 910

Ion	Ratio	Lower	Upper
88	100		
58	73.7	63.6	95.4
43	34.7	28.0	42.0

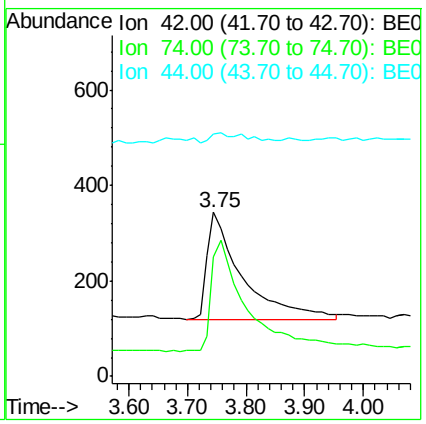




#3
n-Nitrosodimethylamine
Concen: 0.34 ng
RT: 3.75 min Scan# 100
Delta R.T. 0.00 min
Lab File: BE092716.D
Acq: 1 Feb 2017 15:44

Tgt Ion: 42 Resp: 935

Ion	Ratio	Lower	Upper
42	100		
74	108.4	86.0	129.0
44	10.8	5.1	7.7#



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

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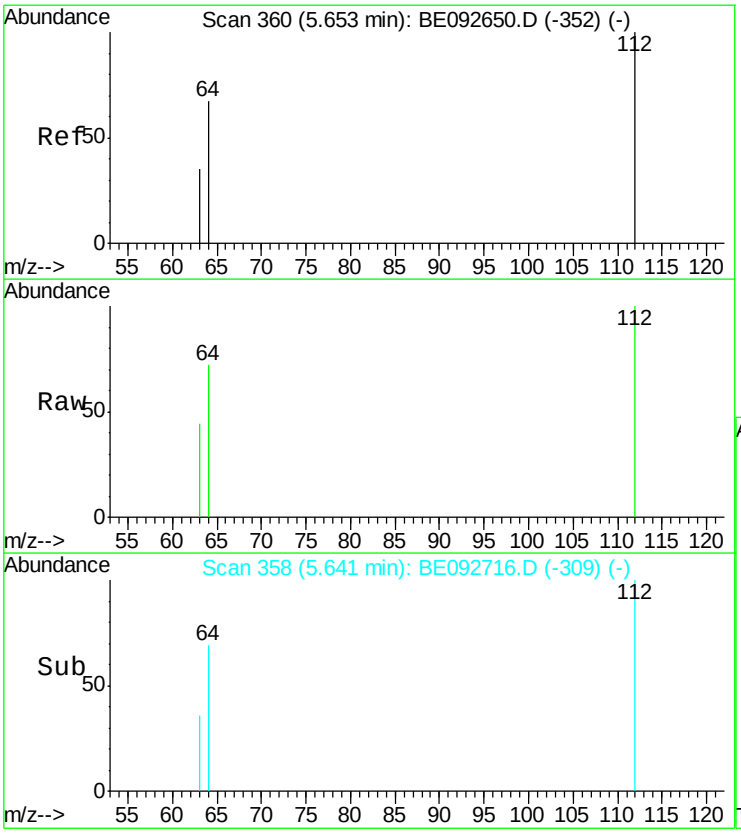
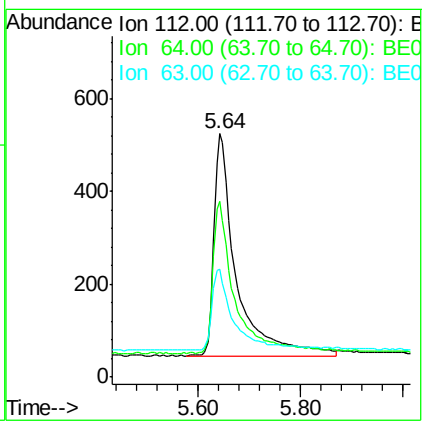
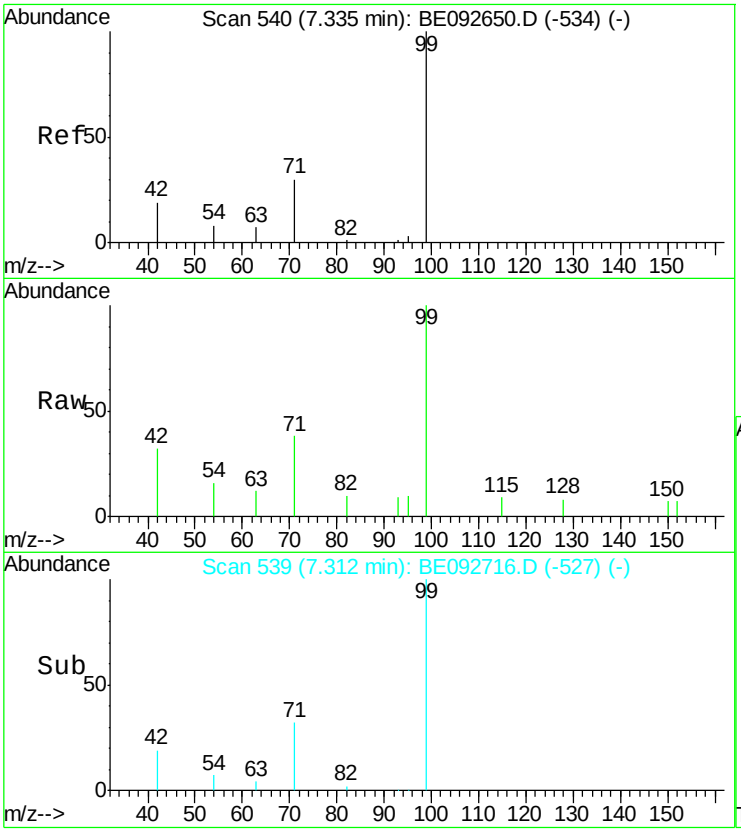


#4
2-Fluorophenol
Concen: 0.43 ng
RT: 5.64 min Scan# 358
Delta R.T. -0.01 min
Lab File: BE092716.D
Acq: 1 Feb 2017 15:44

Tgt Ion:112 Resp: 1446

Ion	Ratio	Lower	Upper
112	100		
64	68.6	53.5	80.3
63	32.9	27.9	41.9





#5
Phenol-d6
Concen: 0.48 ng
RT: 7.31 min Scan# 539
Delta R.T. -0.02 min
Lab File: BE092716.D
Acq: 1 Feb 2017 15:44

Tgt Ion: 99 Resp: 1972

Ion	Ratio	Lower	Upper
99	100		
42	26.4	16.0	24.0#
71	34.4	30.6	45.8

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

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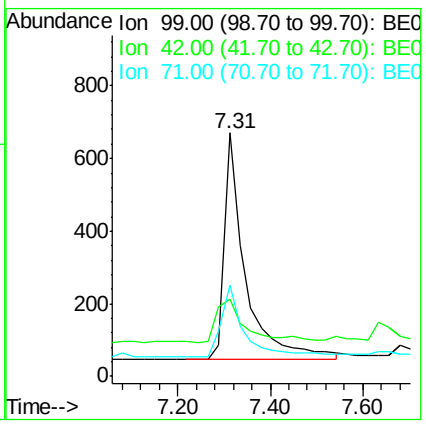
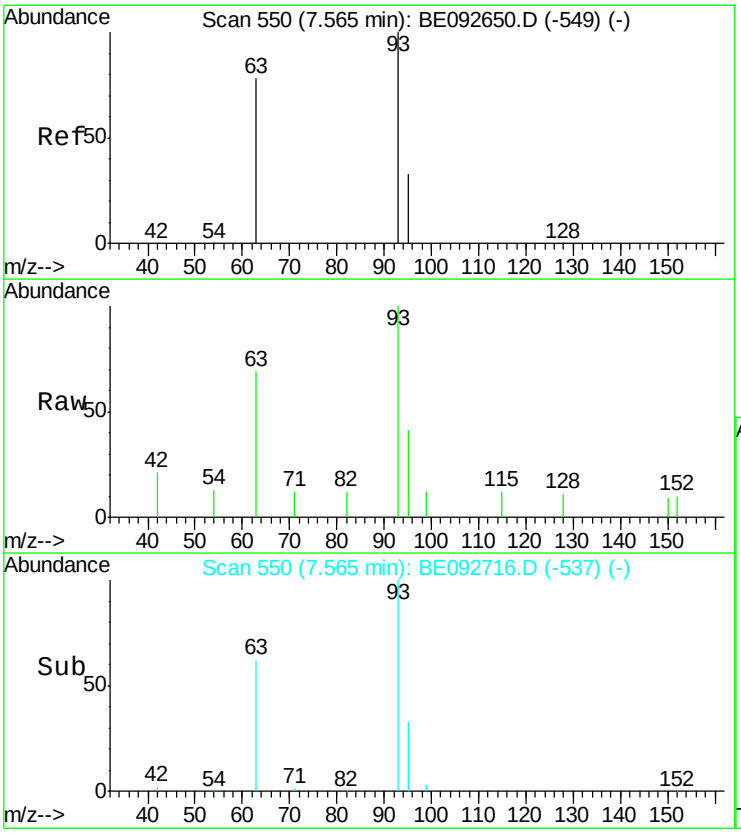
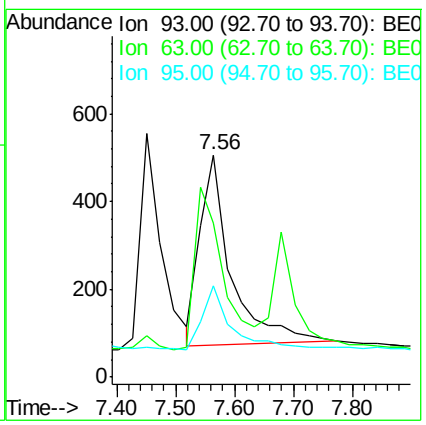


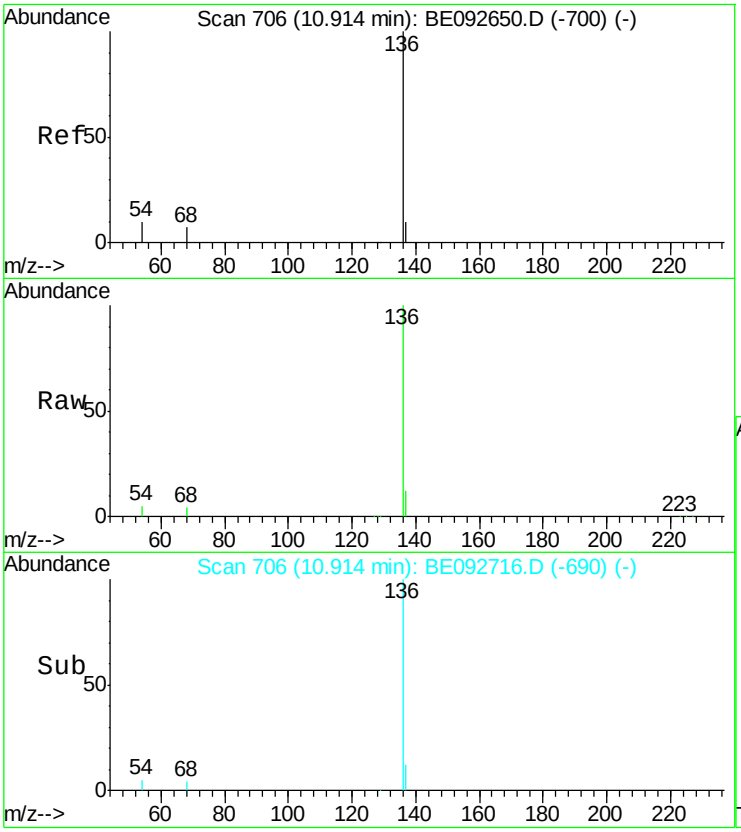


#6
bis(2-Chloroethyl)ether
Concen: 0.36 ng
RT: 7.56 min Scan# 550
Delta R.T. -0.00 min
Lab File: BE092716.D
Acq: 1 Feb 2017 15:44

Tgt Ion: 93 Resp: 1589

Ion	Ratio	Lower	Upper
93	100		
63	0.0	71.6	107.4#
95	30.9	24.0	36.0

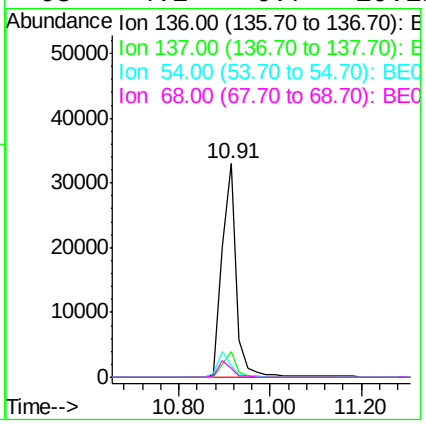




#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.91 min Scan# 706
Delta R.T. -0.00 min
Lab File: BE092716.D
Acq: 1 Feb 2017 15:44

Tgt Ion:136 Resp: 72464

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.2	12.4
54	5.4	9.6	14.4#
68	4.2	6.7	10.1#



Instrument :
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ClientSampleId :
SSTDCCC0.4EC

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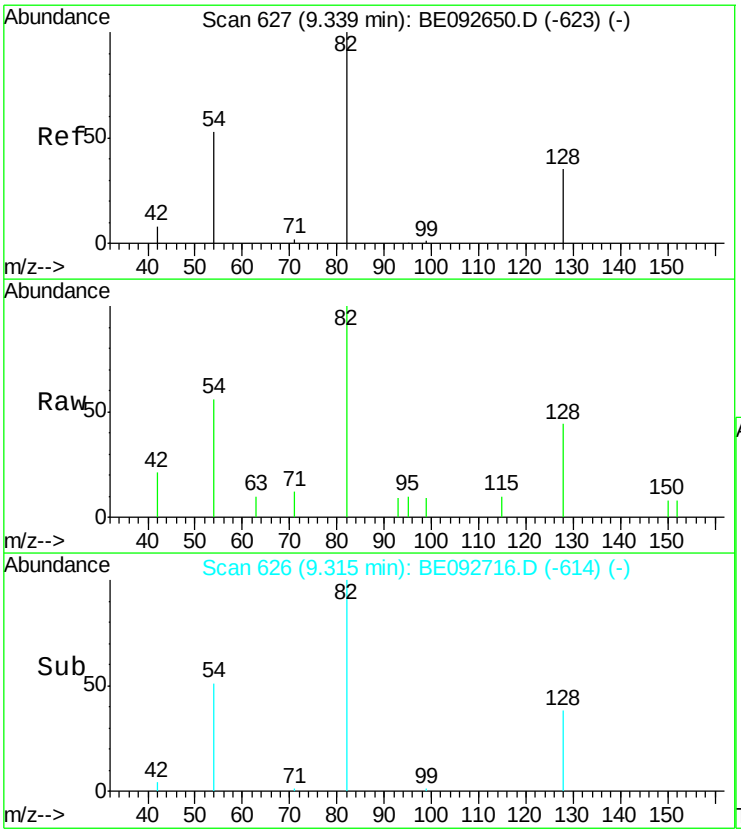
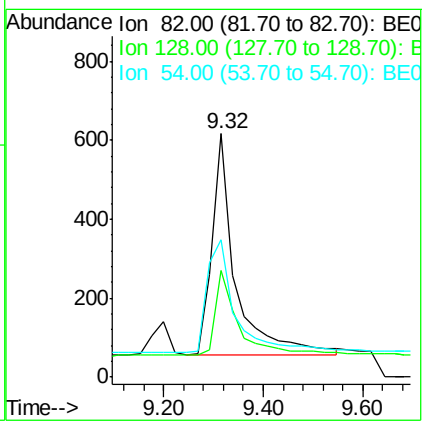
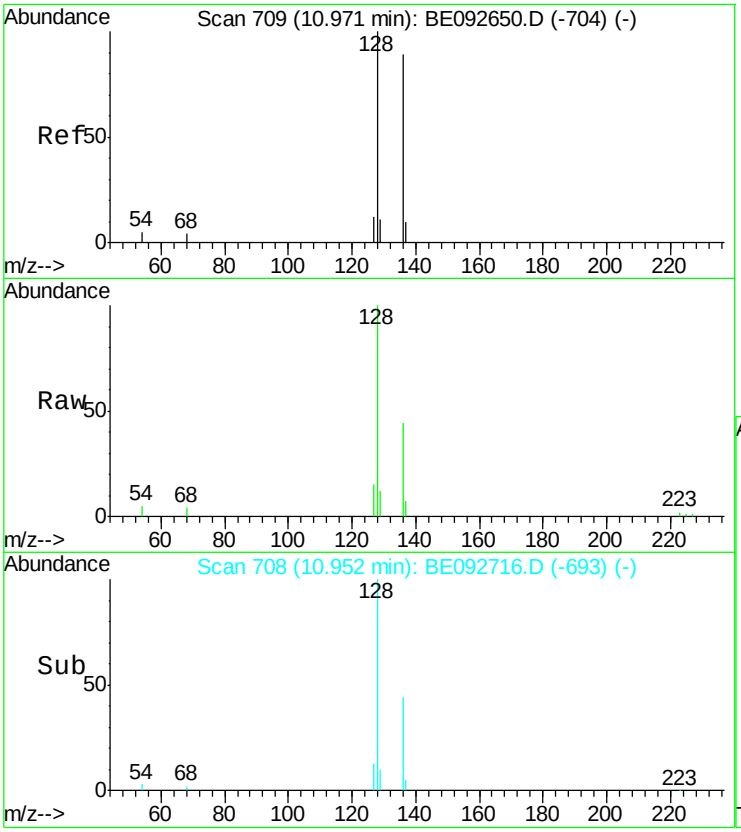


#8
Nitrobenzene-d5
Concen: 0.39 ng
RT: 9.32 min Scan# 626
Delta R.T. -0.02 min
Lab File: BE092716.D
Acq: 1 Feb 2017 15:44

Tgt Ion: 82 Resp: 1816

Ion	Ratio	Lower	Upper
82	100		
128	43.8	39.0	58.4
54	56.2	44.8	67.2

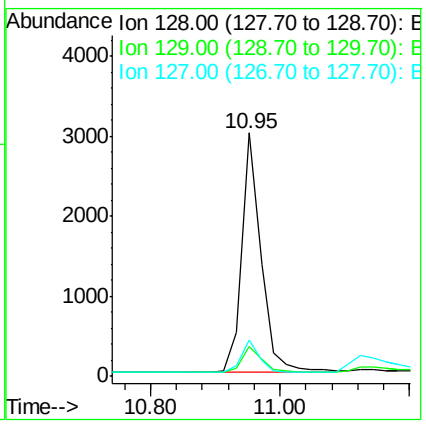




#9
Naphthalene
Concen: 0.40 ng
RT: 10.95 min Scan# 708
Delta R.T. -0.02 min
Lab File: BE092716.D
Acq: 1 Feb 2017 15:44

Tgt Ion:128 Resp: 6089

Ion	Ratio	Lower	Upper
128	100		
129	12.1	11.2	16.8
127	14.8	11.6	17.4



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

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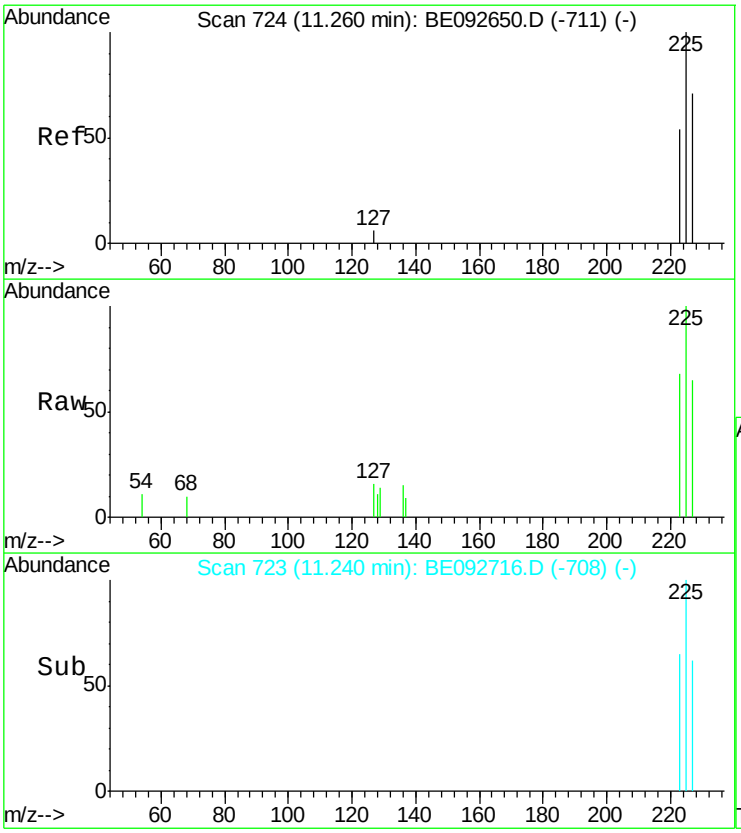
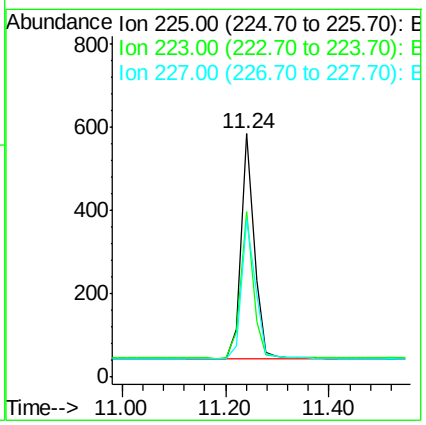
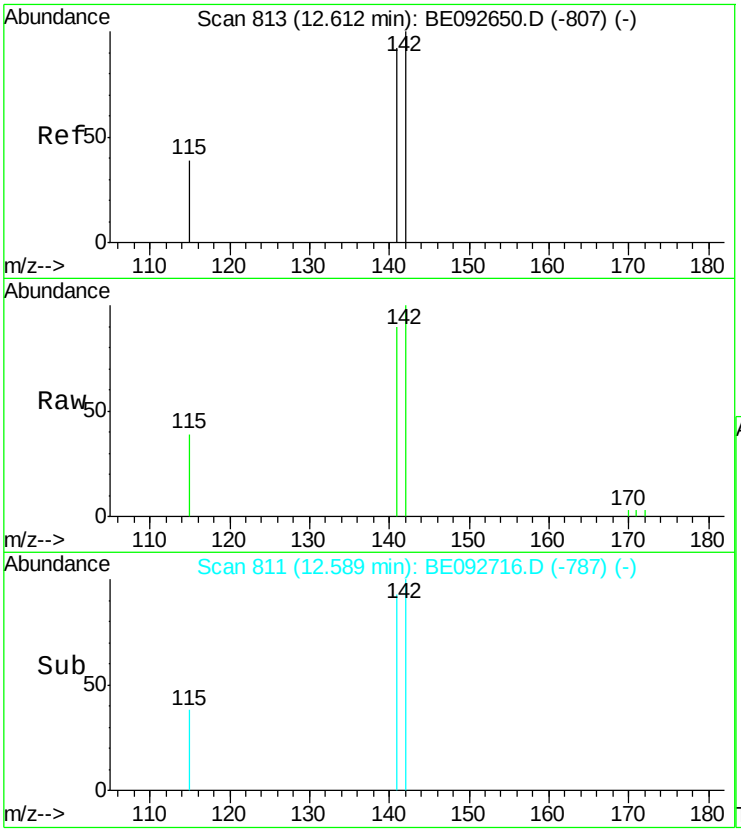


#10
Hexachlorobutadiene
Concen: 0.43 ng
RT: 11.24 min Scan# 723
Delta R.T. -0.02 min
Lab File: BE092716.D
Acq: 1 Feb 2017 15:44

Tgt Ion:225 Resp: 963

Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	76.0
227	65.5	51.4	77.0

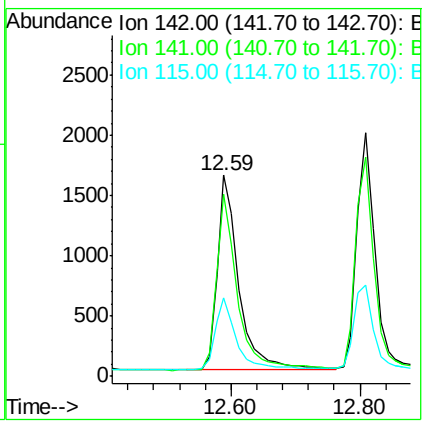




#11
2-Methylnaphthalene
Concen: 0.40 ng
RT: 12.59 min Scan# 811
Delta R.T. -0.02 min
Lab File: BE092716.D
Acq: 1 Feb 2017 15:44

Tgt Ion:142 Resp: 3778

Ion	Ratio	Lower	Upper
142	100		
141	90.3	73.7	110.5
115	38.8	34.0	51.0



Instrument :
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ClientSampleId :
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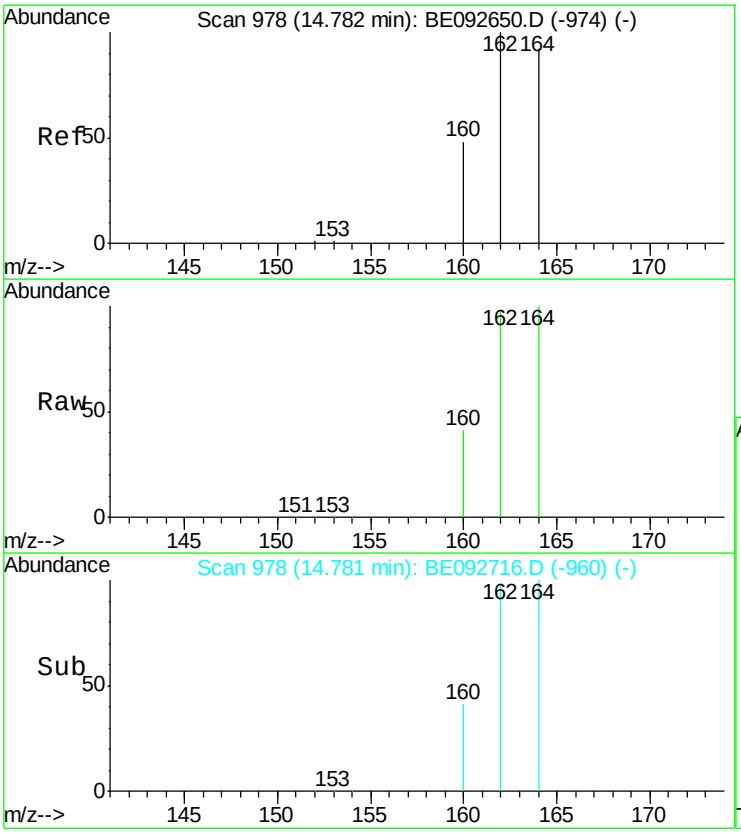
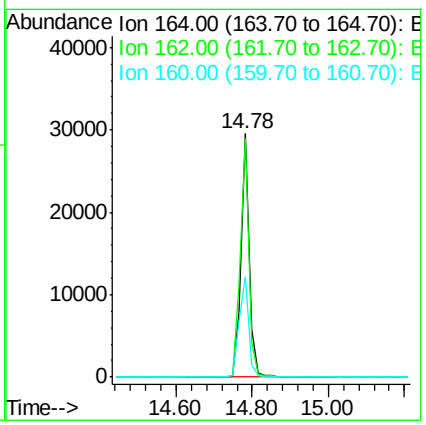
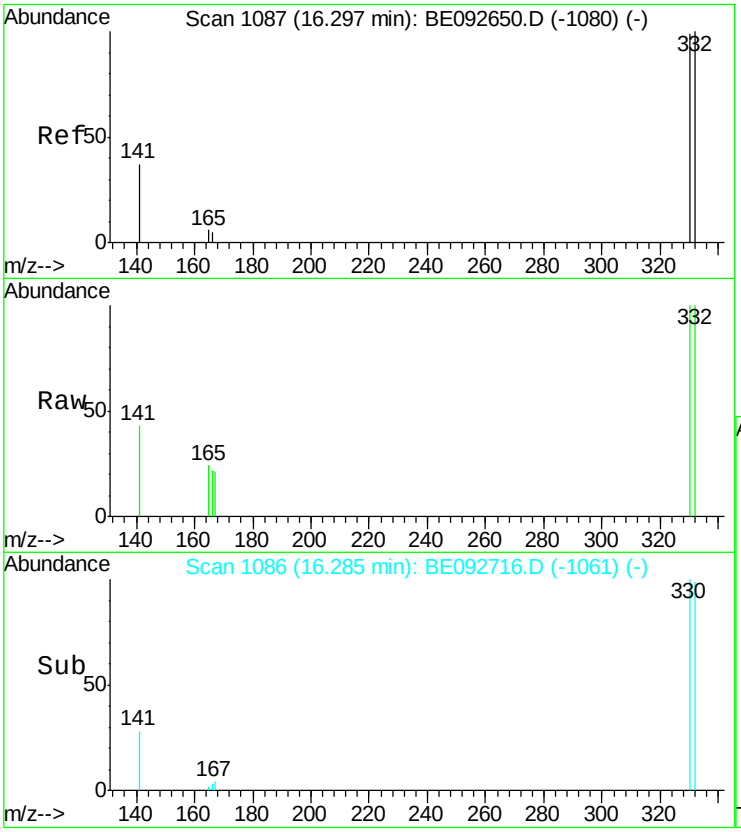


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.78 min Scan# 978
Delta R.T. -0.00 min
Lab File: BE092716.D
Acq: 1 Feb 2017 15:44

Tgt Ion:164 Resp: 45015

Ion	Ratio	Lower	Upper
164	100		
162	98.2	71.4	107.0
160	41.3	27.4	41.2#

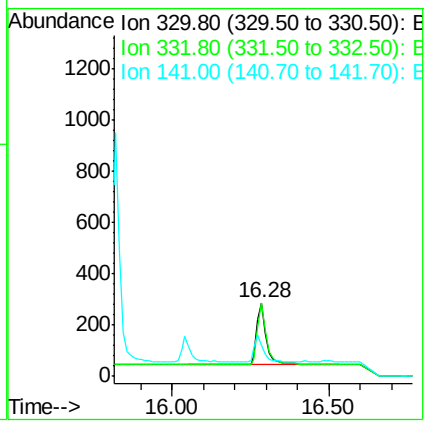




#13
2,4,6-Tribromophenol
Concen: 0.51 ng
RT: 16.28 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BE092716.D
Acq: 1 Feb 2017 15:44

Tgt Ion:330 Resp: 508

Ion	Ratio	Lower	Upper
330	100		
332	94.7	75.4	113.0
141	42.3	31.0	46.6



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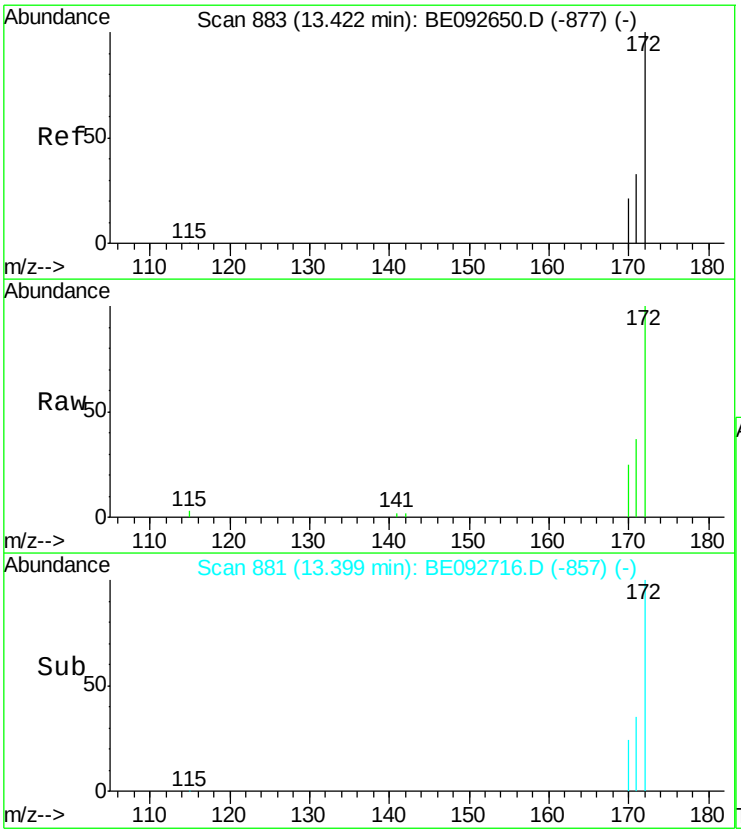
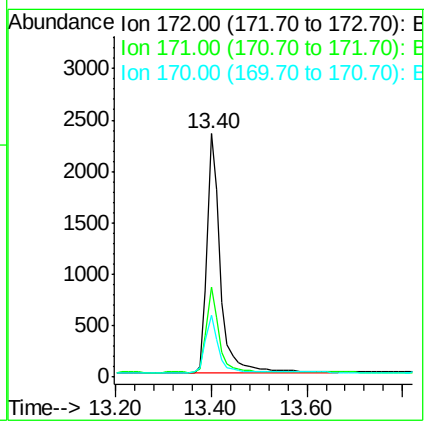
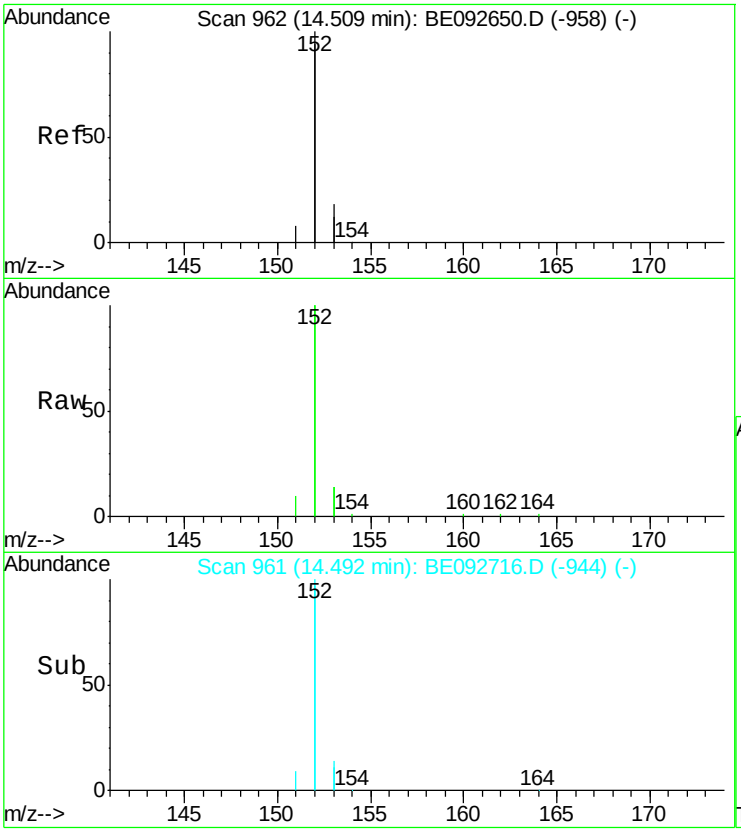


#14
2-Fluorobiphenyl
Concen: 0.41 ng
RT: 13.40 min Scan# 881
Delta R.T. -0.02 min
Lab File: BE092716.D
Acq: 1 Feb 2017 15:44

Tgt Ion:172 Resp: 4560

Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.1	45.1
170	25.4	21.8	32.6

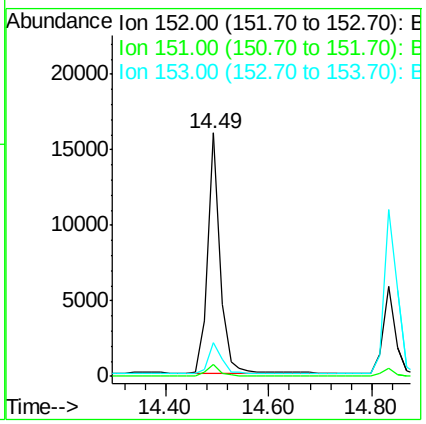




#15
Acenaphthylene
Concen: 0.42 ng
RT: 14.49 min Scan# 961
Delta R.T. -0.02 min
Lab File: BE092716.D
Acq: 1 Feb 2017 15:44

Tgt Ion:152 Resp: 26083

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.2	10.4	15.6



Instrument :
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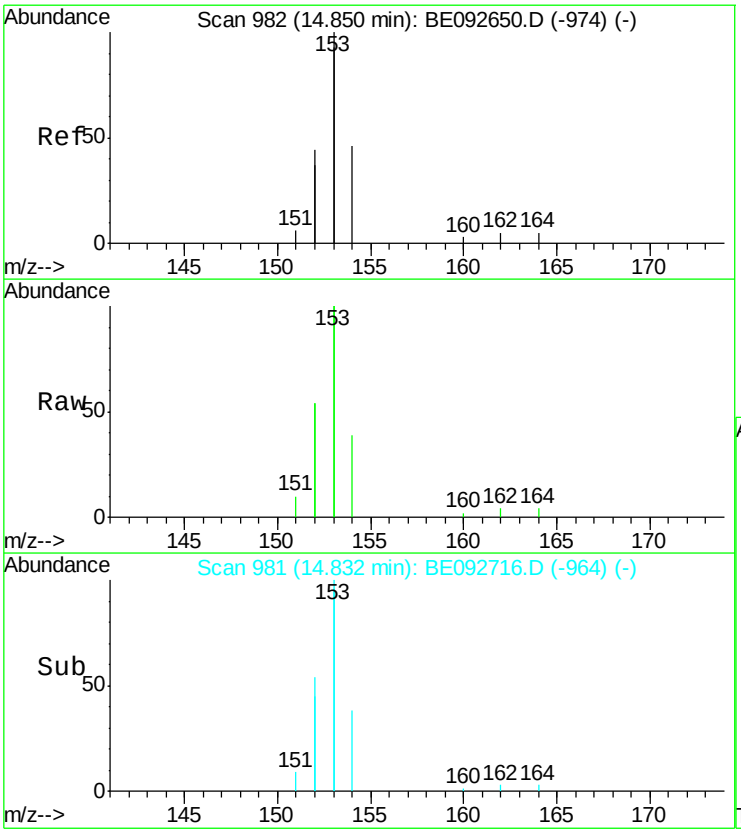
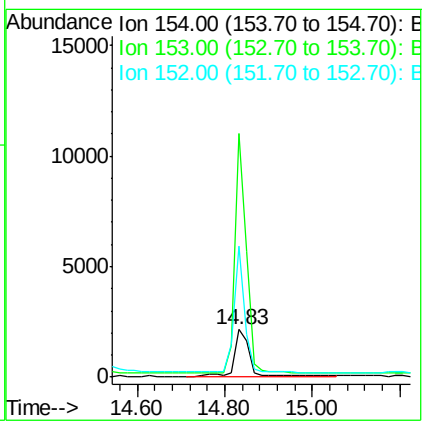
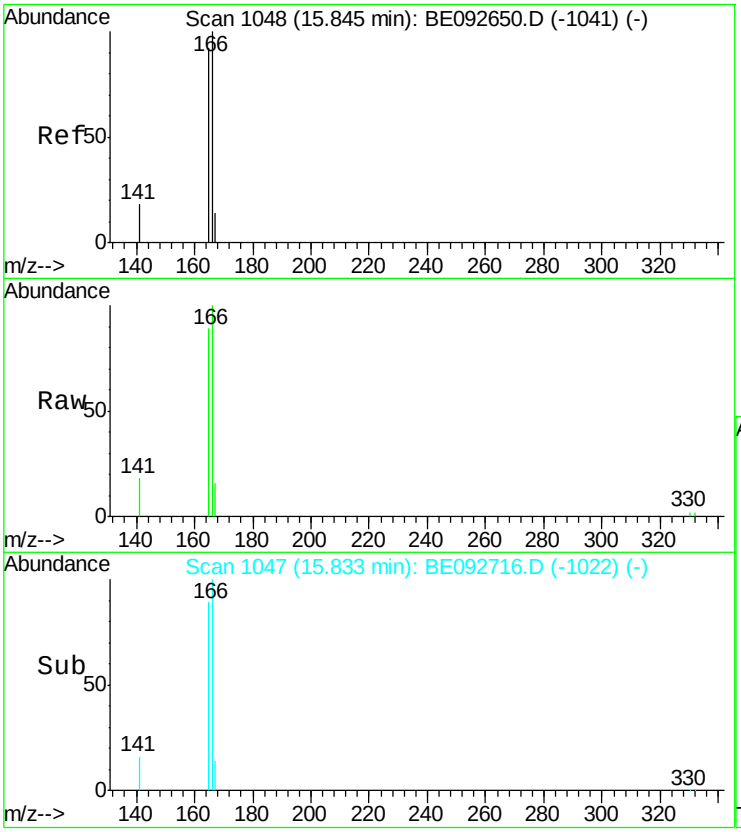


#16
Acenaphthene
Concen: 0.43 ng
RT: 14.83 min Scan# 981
Delta R.T. -0.02 min
Lab File: BE092716.D
Acq: 1 Feb 2017 15:44

Tgt Ion:154 Resp: 4281

Ion	Ratio	Lower	Upper
154	100		
153	437.3	350.8	526.2
152	212.5	171.1	256.7

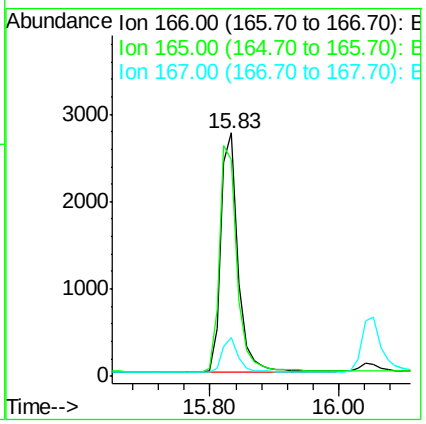




#17
Fluorene
Concen: 0.41 ng
RT: 15.83 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BE092716.D
Acq: 1 Feb 2017 15:44

Tgt Ion:166 Resp: 5101

Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.2	117.4
167	13.3	11.0	16.4



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

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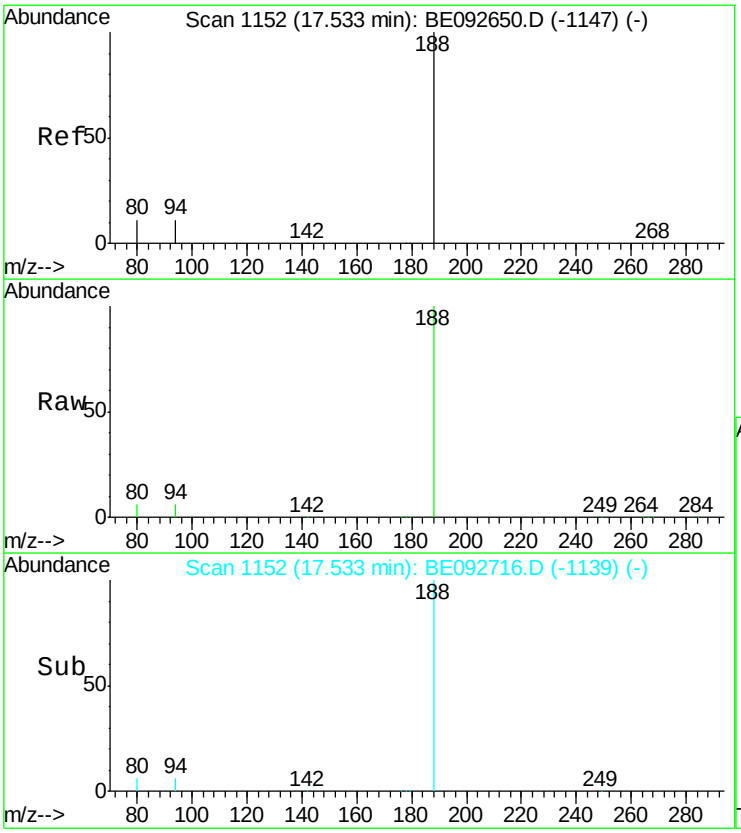
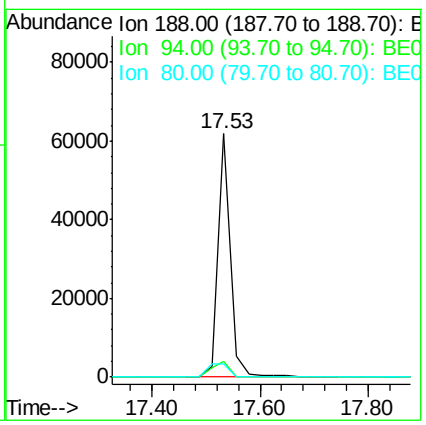
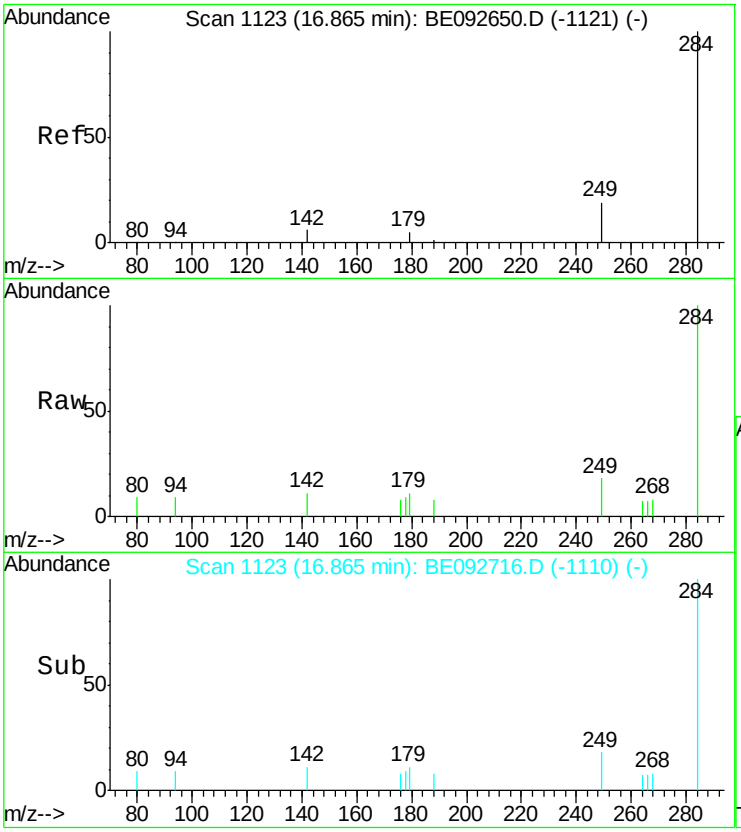


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.53 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE092716.D
Acq: 1 Feb 2017 15:44

Tgt Ion:188 Resp: 99472

Ion	Ratio	Lower	Upper
188	100		
94	6.3	3.2	4.8#
80	5.6	2.6	3.8#





#19
Hexachlorobenzene
Concen: 0.33 ng m
RT: 16.87 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE092716.D
Acq: 1 Feb 2017 15:44

Tgt Ion:284 Resp: 1341

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

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

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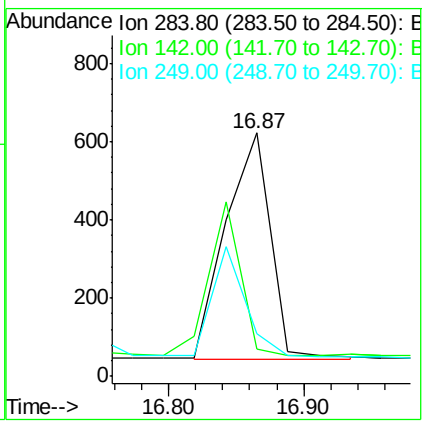
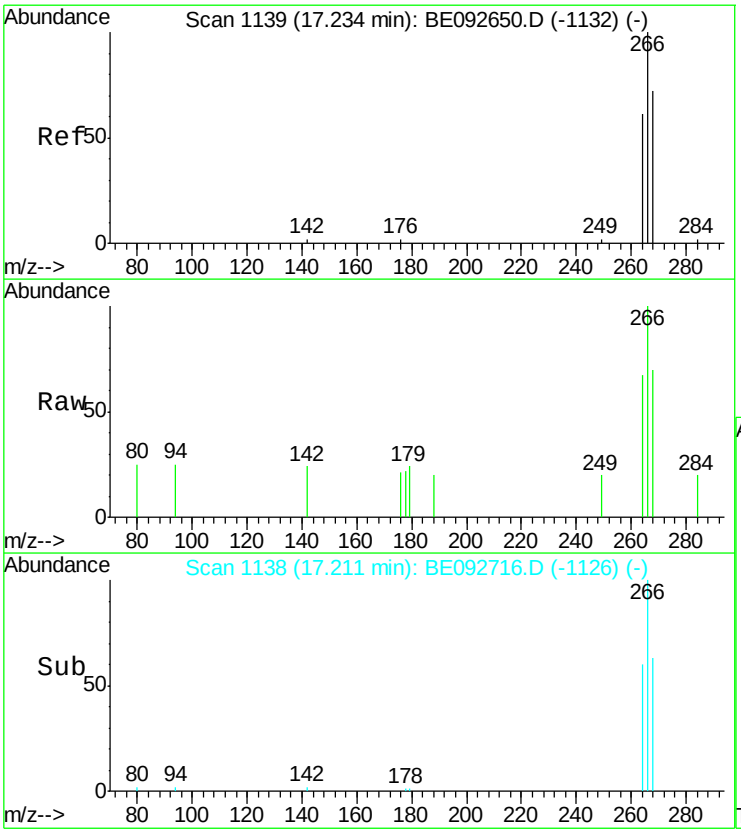
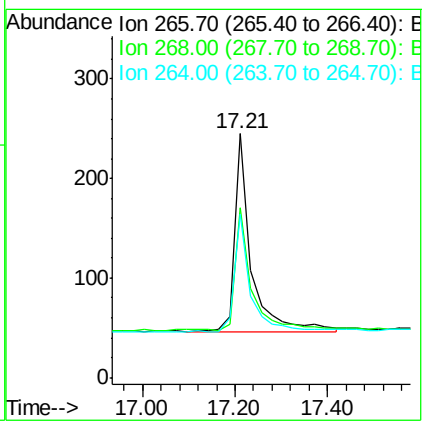


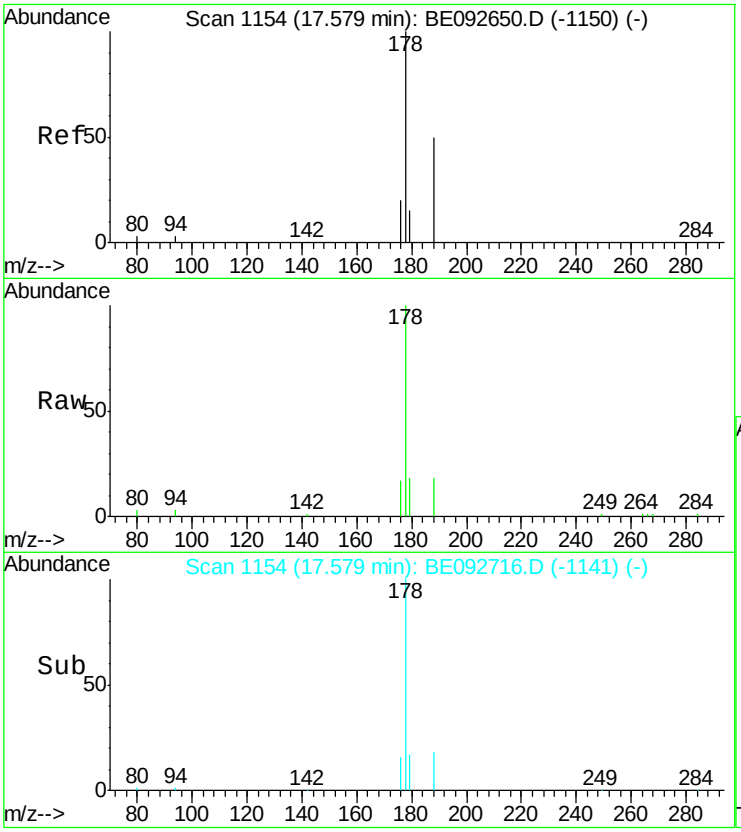


#20
Pentachlorophenol
Concen: 0.49 ng
RT: 17.21 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BE092716.D
Acq: 1 Feb 2017 15:44

Tgt Ion:266 Resp: 499

Ion	Ratio	Lower	Upper
266	100		
268	69.8	62.5	93.7
264	66.9	57.2	85.8

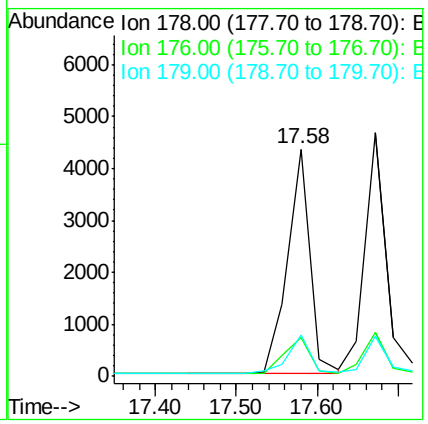




#21
Phenanthrene
Concen: 0.38 ng
RT: 17.58 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE092716.D
Acq: 1 Feb 2017 15:44

Tgt Ion:178 Resp: 8332

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	16.8	16.0	24.0



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

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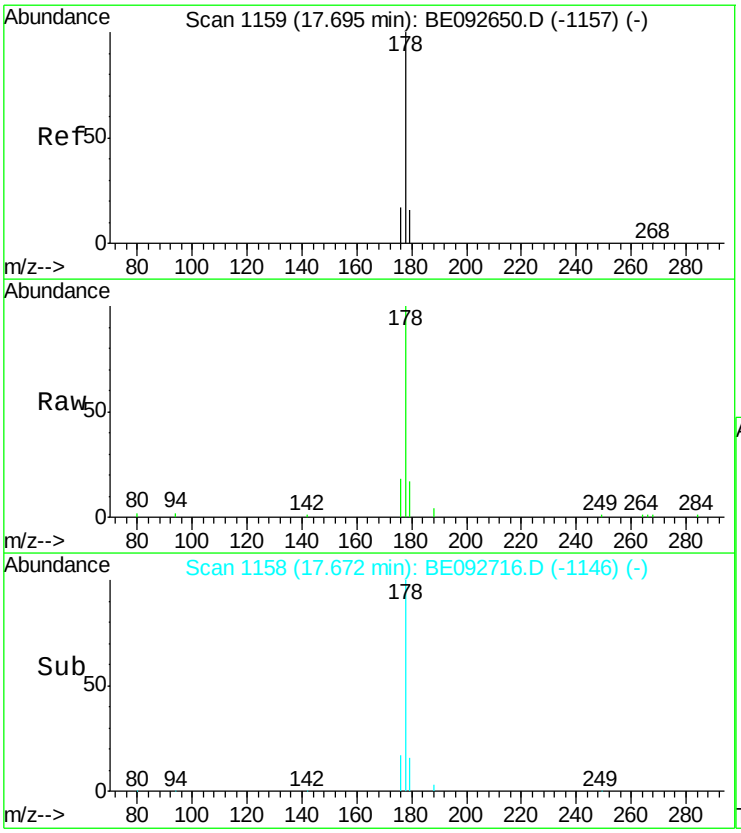
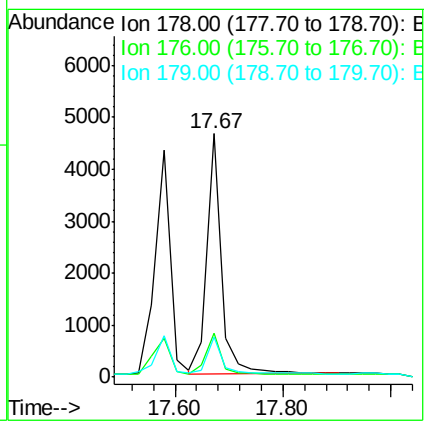
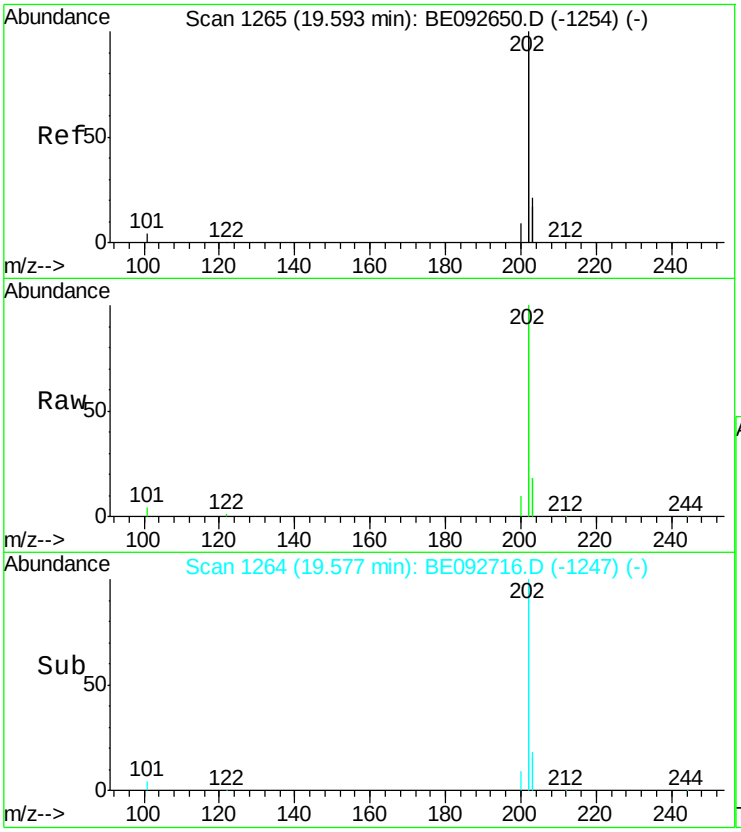


#22
Anthracene
Concen: 0.43 ng
RT: 17.67 min Scan# 1158
Delta R.T. -0.02 min
Lab File: BE092716.D
Acq: 1 Feb 2017 15:44

Tgt Ion:178 Resp: 8748

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.0	22.4
179	15.6	12.2	18.2

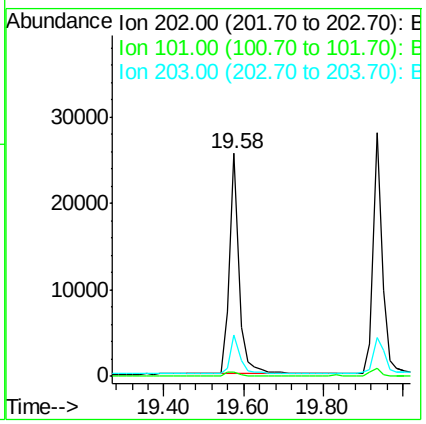




#23
Fluoranthene
Concen: 0.45 ng
RT: 19.58 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BE092716.D
Acq: 1 Feb 2017 15:44

Tgt Ion:202 Resp: 43340

Ion	Ratio	Lower	Upper
202	100		
101	2.7	2.2	3.4
203	18.5	13.7	20.5



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

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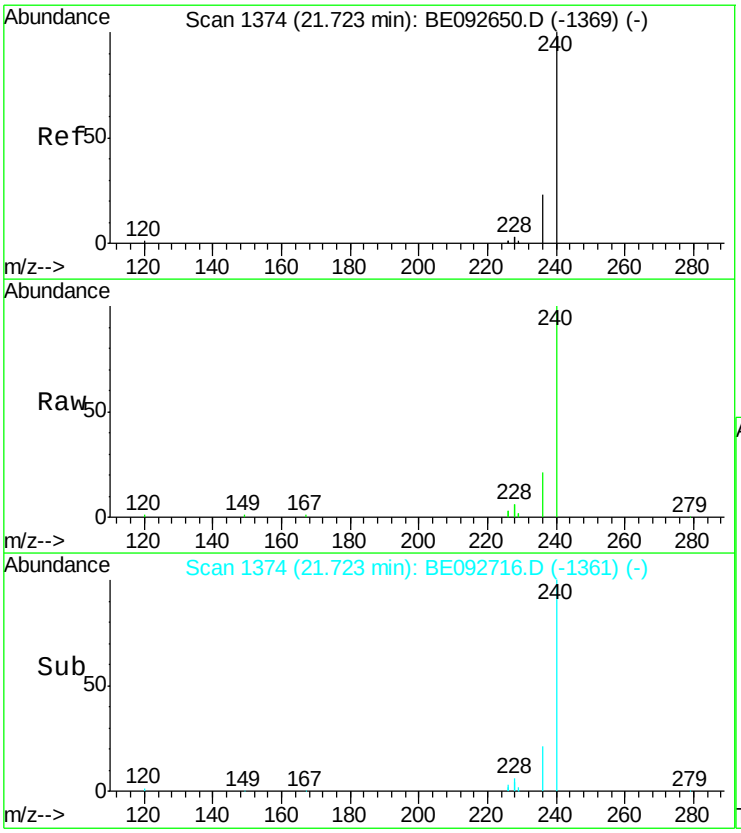
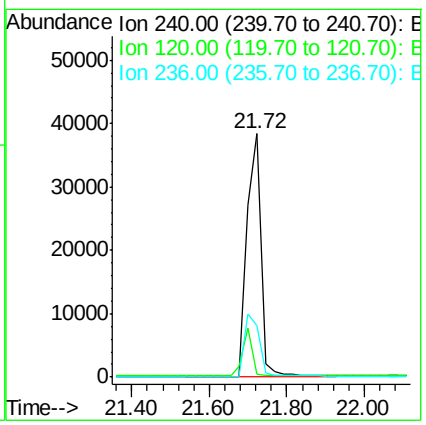
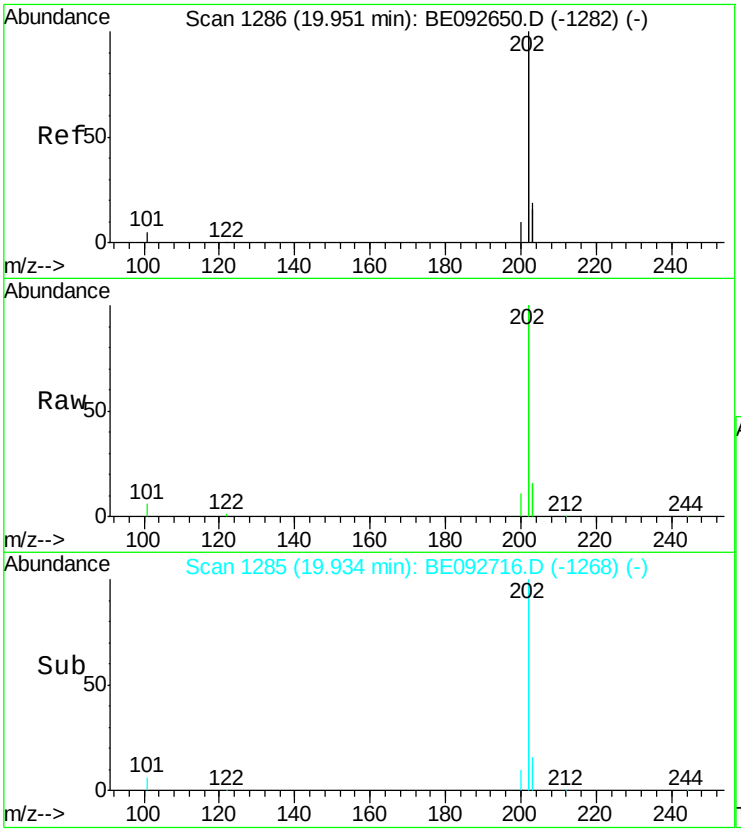


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE092716.D
Acq: 1 Feb 2017 15:44

Tgt Ion:240 Resp: 94761

Ion	Ratio	Lower	Upper
240	100		
120	1.4	2.6	4.0#
236	21.0	24.6	37.0#

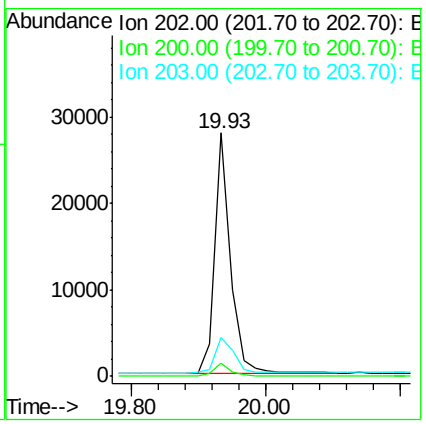




#25
Pyrene
Concen: 0.48 ng
RT: 19.93 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BE092716.D
Acq: 1 Feb 2017 15:44

Tgt Ion:202 Resp: 45037

Ion	Ratio	Lower	Upper
202	100		
200	5.2	4.2	6.4
203	18.2	13.9	20.9



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

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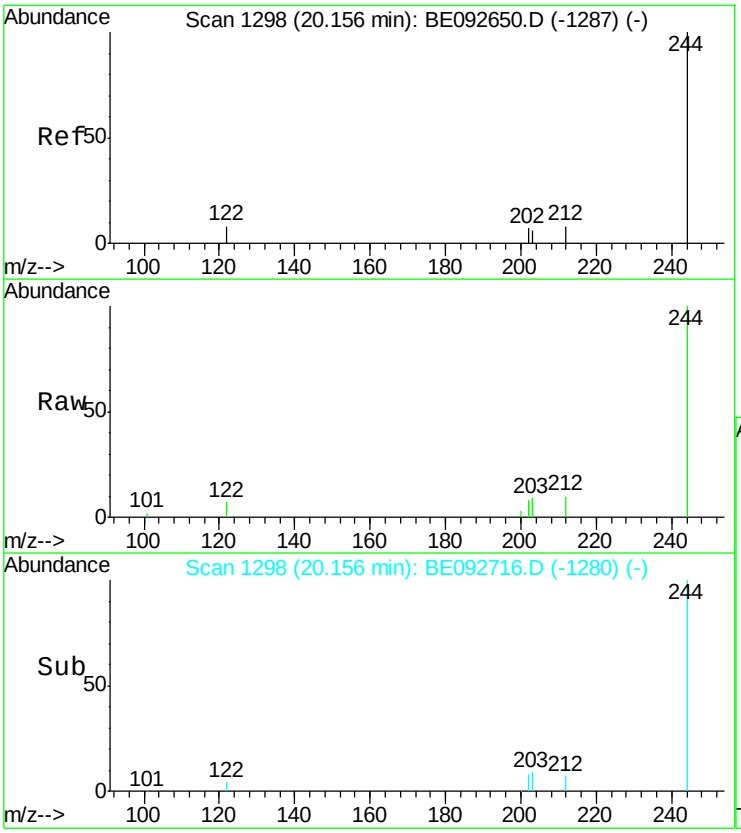
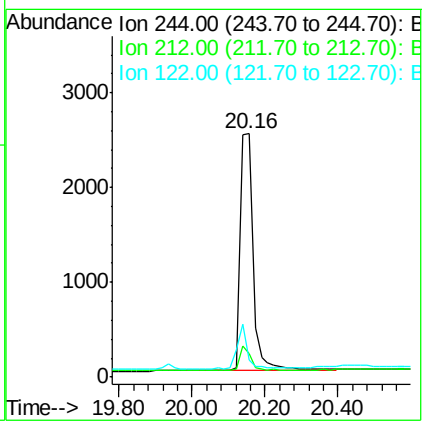
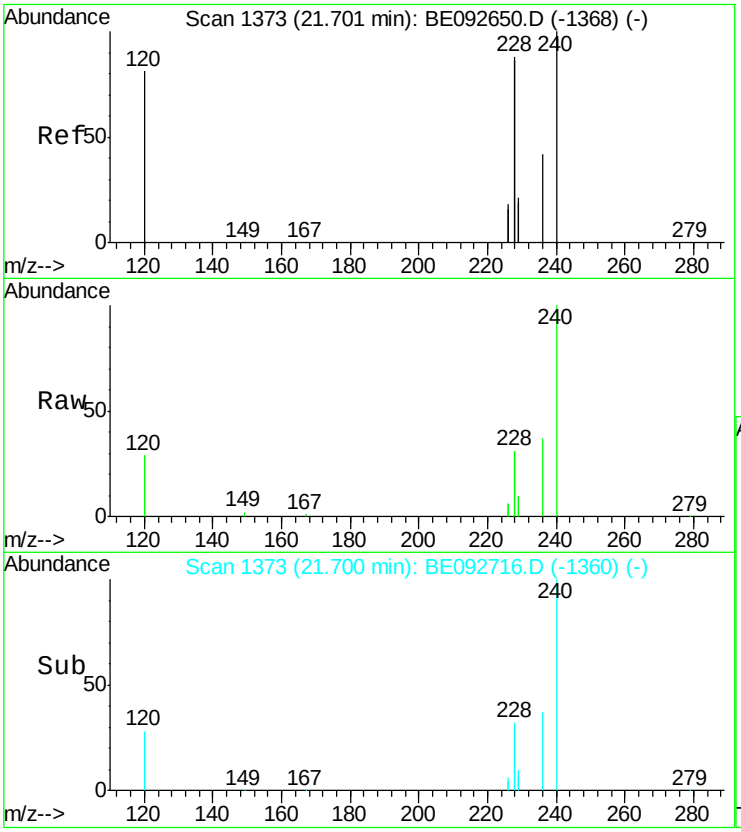


#26
Terphenyl-d14
Concen: 0.46 ng
RT: 20.16 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BE092716.D
Acq: 1 Feb 2017 15:44

Tgt Ion:244 Resp: 6173

Ion	Ratio	Lower	Upper
244	100		
212	9.6	6.7	10.1
122	6.9	3.6	5.4#

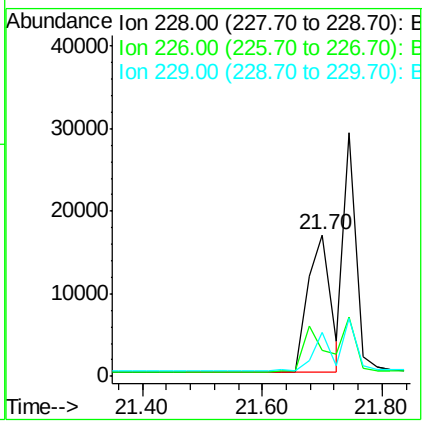




#27
Benzo(a)anthracene
Concen: 0.47 ng
RT: 21.70 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BE092716.D
Acq: 1 Feb 2017 15:44

Tgt Ion:228 Resp: 43957

Ion	Ratio	Lower	Upper
228	100		
226	18.8	23.6	35.4#
229	30.8	13.3	19.9#



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

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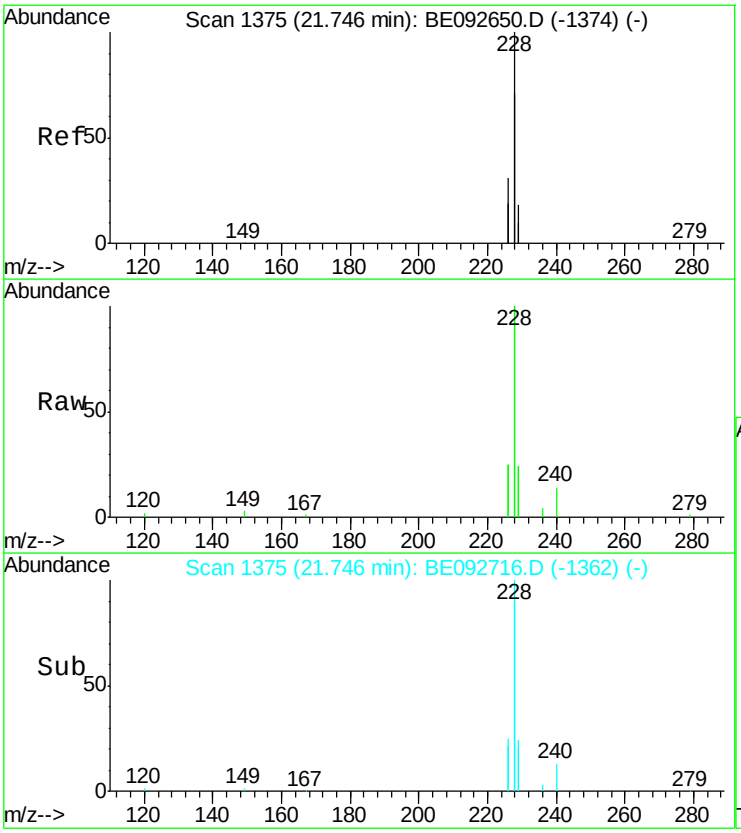
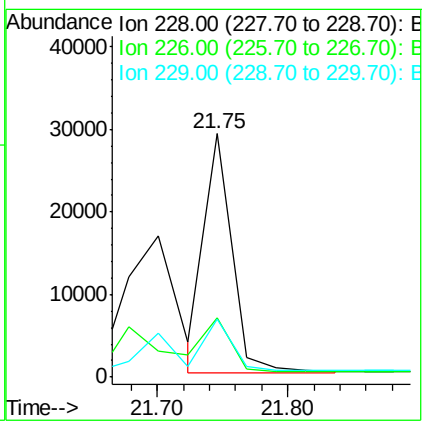
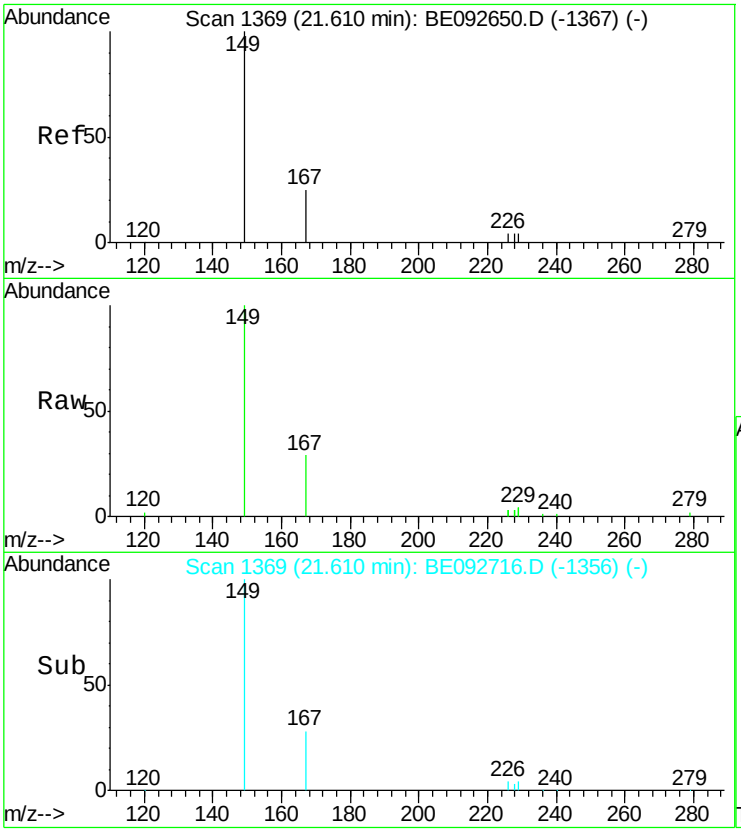


#28
Chrysene
Concen: 0.41 ng m
RT: 21.75 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BE092716.D
Acq: 1 Feb 2017 15:44

Tgt Ion:228 Resp: 43455

Ion	Ratio	Lower	Upper
228	100		
226	24.6	36.3	54.5#
229	24.0	10.6	16.0#





#29
Bis(2-ethylhexyl)phthalate
Concen: 0.82 ng
RT: 21.61 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BE092716.D
Acq: 1 Feb 2017 15:44

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

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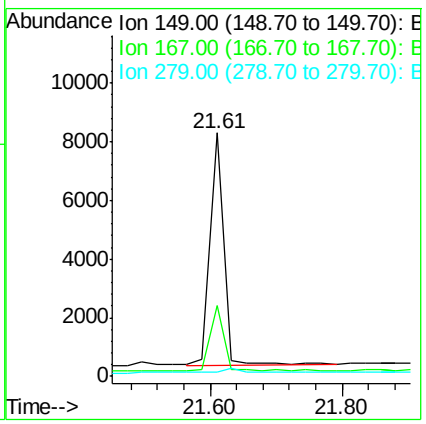
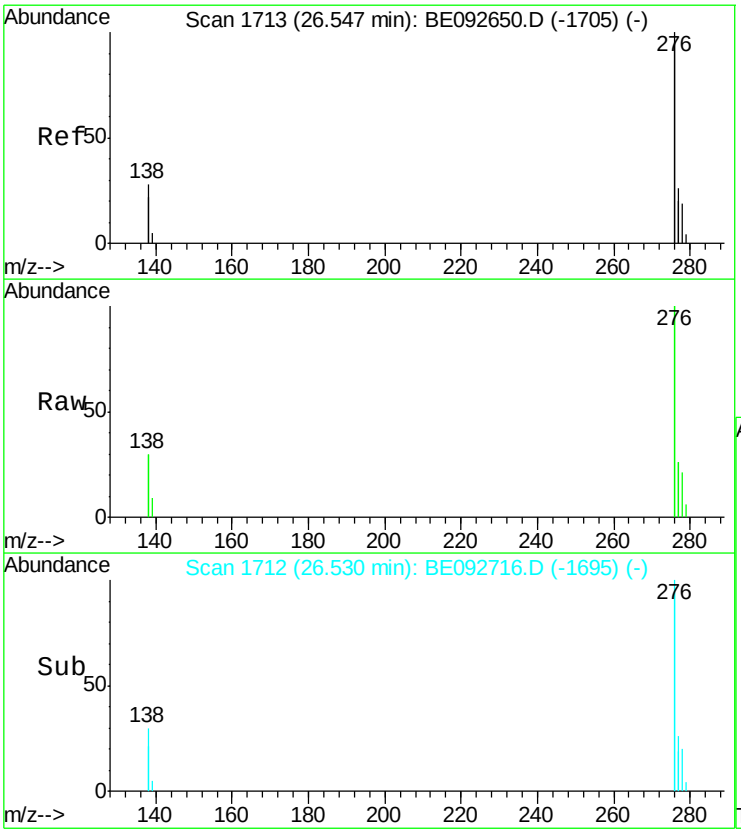
Tgt Ion:149 Resp: 11693

Ion	Ratio	Lower	Upper
149	100		
167	29.3	16.0	24.0#
279	0.0	16.0	24.0#

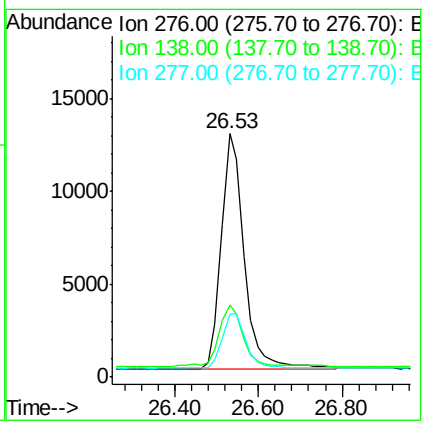


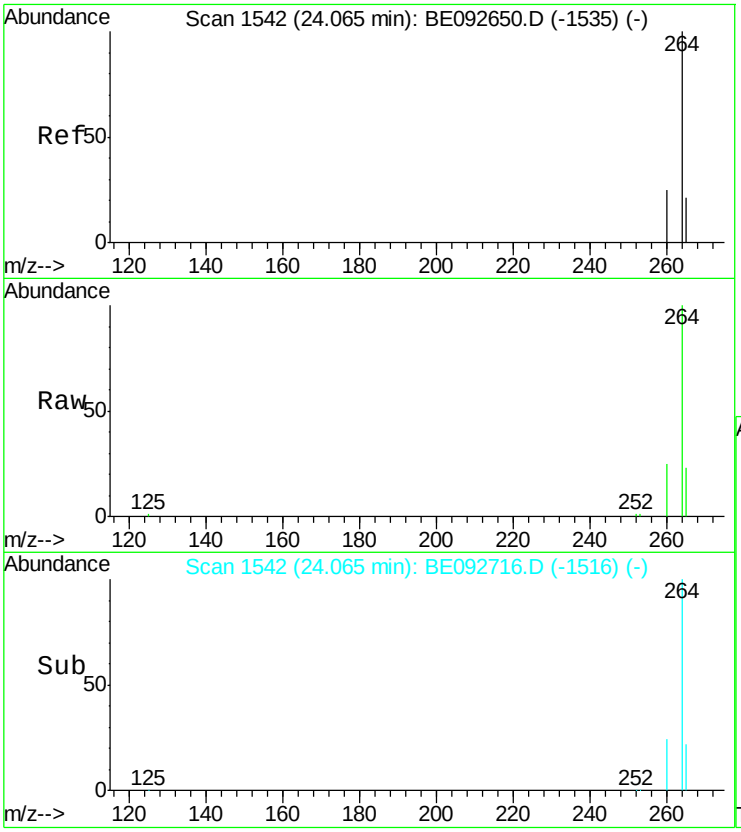


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.43 ng
RT: 26.53 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BE092716.D
Acq: 1 Feb 2017 15:44

Tgt Ion:276 Resp: 48649

Ion	Ratio	Lower	Upper
276	100		
138	27.3	20.3	30.5
277	24.3	19.7	29.5





#31
Perylene-d12
Concen: 5.00 ng
RT: 24.06 min Scan# 1542
Delta R.T. -0.00 min
Lab File: BE092716.D
Acq: 1 Feb 2017 15:44

Tgt Ion:264 Resp: 106841

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.1	30.1
265	23.0	17.9	26.9

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

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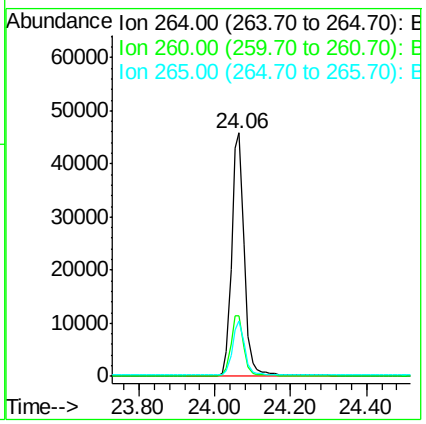
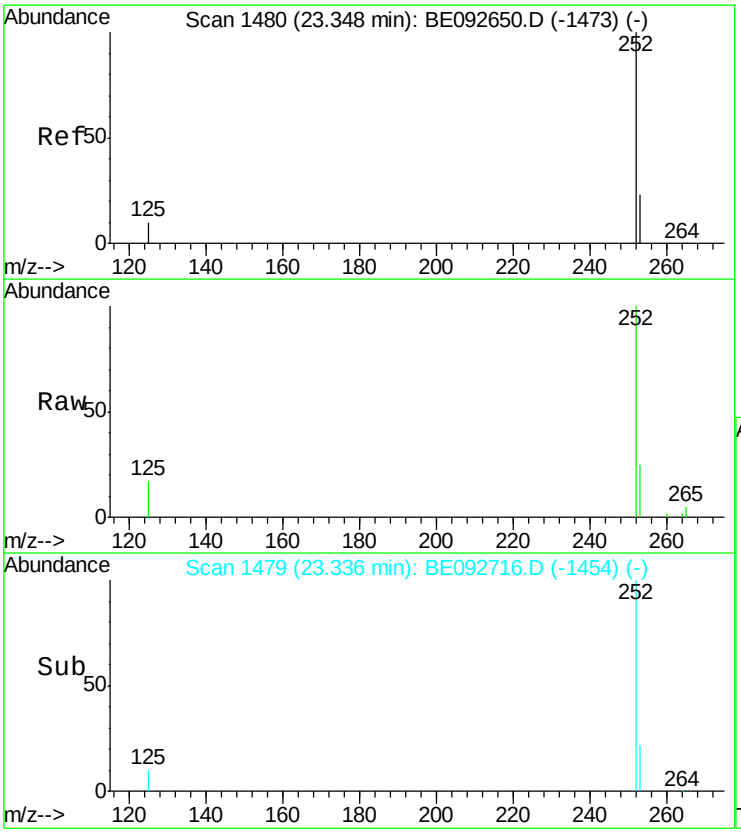
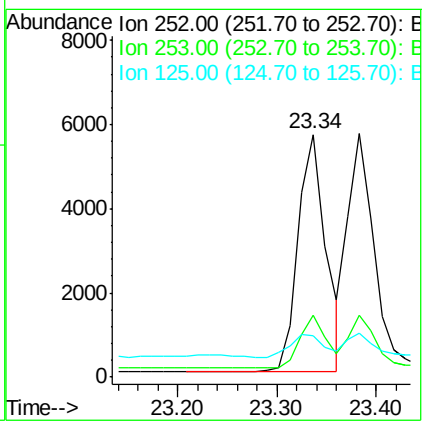


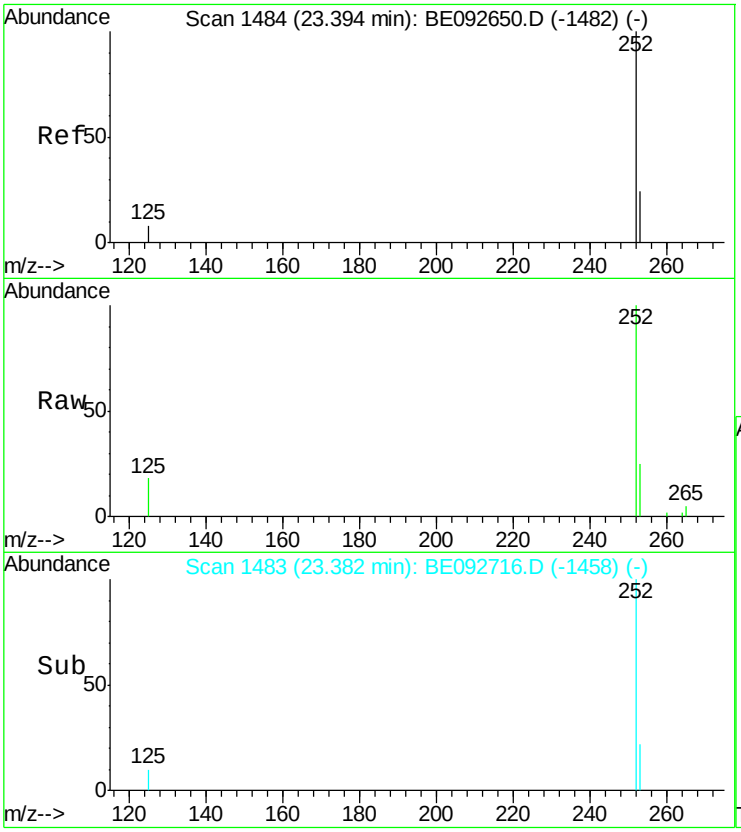


#32
Benzo(b)fluoranthene
Concen: 0.42 ng
RT: 23.34 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BE092716.D
Acq: 1 Feb 2017 15:44

Tgt Ion:252 Resp: 10896

Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.7	28.1
125	17.2	10.5	15.7#





#33
Benzo(k)fluoranthene
Concen: 0.42 ng
RT: 23.38 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BE092716.D
Acq: 1 Feb 2017 15:44

Tgt Ion:252 Resp: 11031

Ion	Ratio	Lower	Upper
252	100		
253	25.2	20.3	30.5
125	17.9	9.6	14.4#

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

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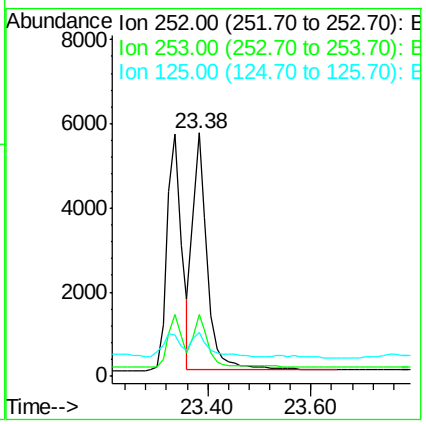
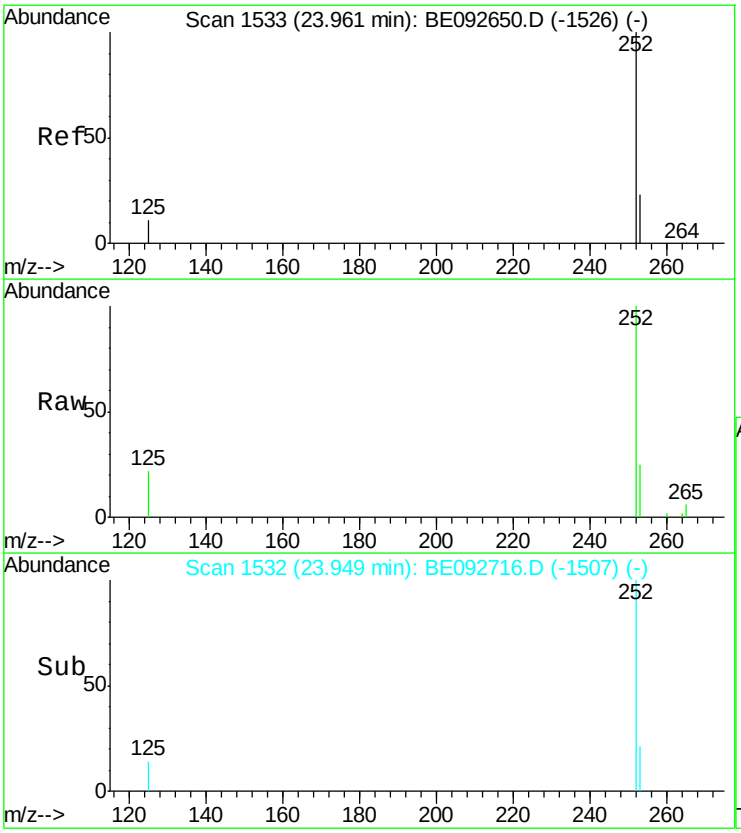
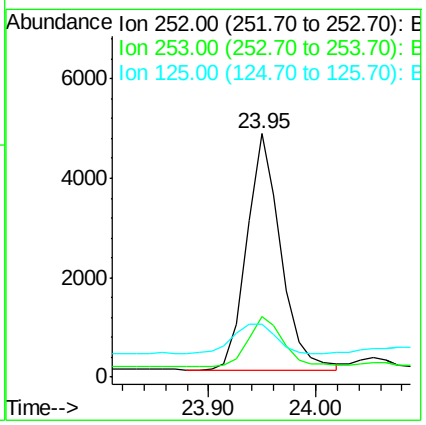


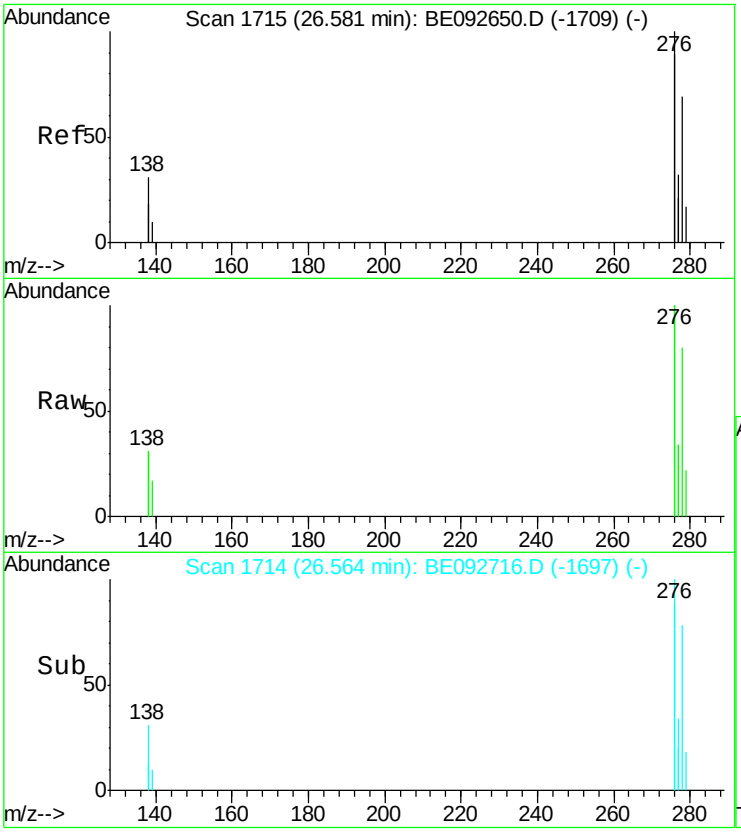


#34
Benzo(a)pyrene
Concen: 0.43 ng
RT: 23.95 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BE092716.D
Acq: 1 Feb 2017 15:44

Tgt Ion:252 Resp: 10387

Ion	Ratio	Lower	Upper
252	100		
253	25.1	19.0	28.6
125	21.7	11.8	17.8#





#35
Dibenzo(a,h)anthracene
Concen: 0.42 ng
RT: 26.56 min Scan# 1714
Delta R.T. -0.02 min
Lab File: BE092716.D
Acq: 1 Feb 2017 15:44

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

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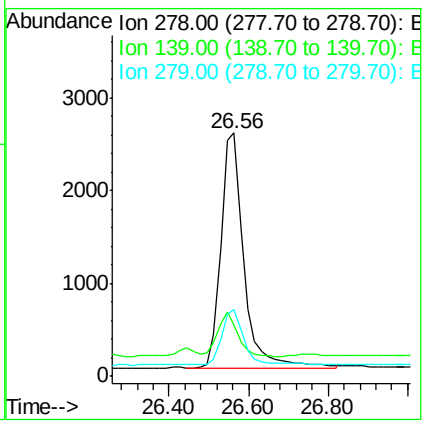
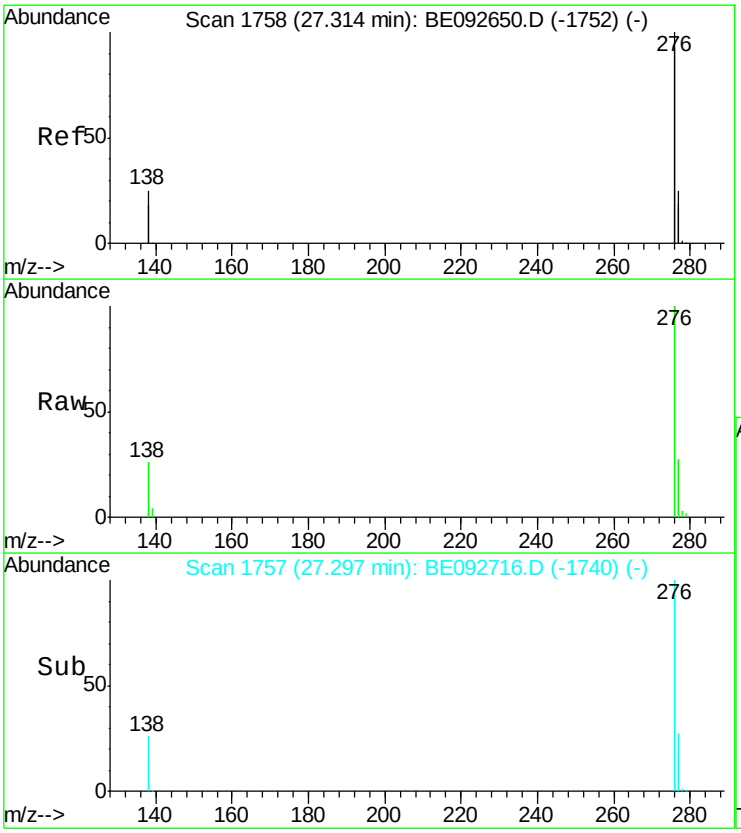
Tgt Ion:278 Resp: 10024

Ion	Ratio	Lower	Upper
278	100		
139	21.2	13.8	20.8#
279	27.6	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 0.42 ng
RT: 27.30 min Scan# 1757
Delta R.T. -0.02 min
Lab File: BE092716.D
Acq: 1 Feb 2017 15:44

Tgt Ion:276 Resp: 42108

Ion	Ratio	Lower	Upper
276	100		
277	26.6	19.8	29.8
138	26.1	19.8	29.6