Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080316\
Data File : BE092149.D
Acq On : 3 Aug 2016 17:26
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Aug 04 03:56:32 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-PAH-BE080216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 02 16:59:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	11545	5.00	ng		0.00
6) Naphthalene-d8	10.98	136	54919	5.00	ng		-0.01
10) Acenaphthene-d10	14.83	164	31314	5.00	ng		-0.02
16) Phenanthrene-d10	17.56	188	69777	5.00	ng		-0.02
22) Chrysene-d12	21.75	240	86426	5.00	ng		0.00
28) Perylene-d12	24.14	264	86376	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.70	112	932	0.31	ng		0.00
5) Phenol-d6	7.35	99	1351	0.34	ng		0.00
7) Nitrobenzene-d5	9.35	82	1591	0.37	ng		0.00
11) 2,4,6-Tribromophenol	16.33	330	315	0.31	ng		0.00
12) 2-Fluorobiphenyl	13.46	172	3774	0.38	ng		0.00
24) Terphenyl-d14	20.21	244	5075	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	639	0.41	ng		98
3) n-Nitrosodimethylamine	3.80	42	641	0.38	ng	#	98
8) Naphthalene	11.03	128	4854	0.40	ng		98
9) 2-Methylnaphthalene	12.65	142	2958	0.39	ng	#	85
13) Acenaphthylene	14.56	152	20912	0.38	ng		98
14) Acenaphthene	14.90	154	3453	0.39	ng	#	97
15) Fluorene	15.89	166	4115	0.37	ng		100
17) Hexachlorobenzene	16.89	284	1296	0.38	ng	#	60
18) Pentachlorophenol	17.24	266	236	0.37	ng		97
19) Phenanthrene	17.60	178	7909	0.38	ng		100
20) Anthracene	17.70	178	6605	0.36	ng		99
21) Fluoranthene	19.63	202	31160	0.37	ng		98
23) Pyrene	19.99	202	33830	0.37	ng		99
25) Benzo(a)anthracene	21.72	228	34346	0.36	ng		92
26) Chrysene	21.77	228	36852	0.39	ng	#	82
27) Indeno(1,2,3-cd)pyrene	26.65	276	38354	0.37	ng		99
29) Benzo(b)fluoranthene	23.40	252	8340	0.35	ng		99
30) Benzo(k)fluoranthene	23.45	252	8852	0.37	ng		97
31) Benzo(a)pyrene	24.02	252	8304	0.38	ng		97
32) Dibenzo(a,h)anthracene	26.67	278	7488	0.36	ng		99
33) Benzo(g,h,i)perylene	27.42	276	32618	0.37	ng		98

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

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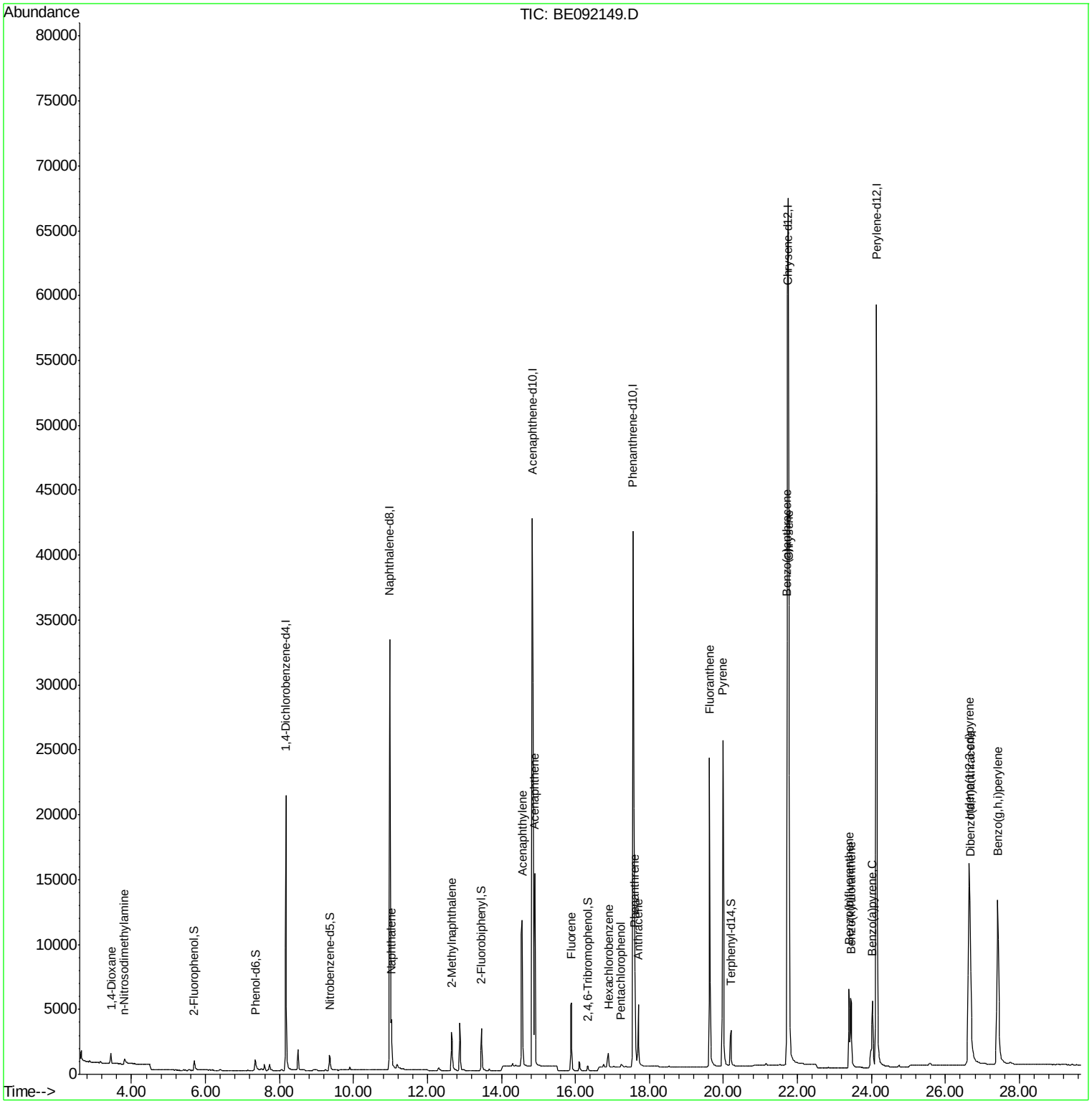
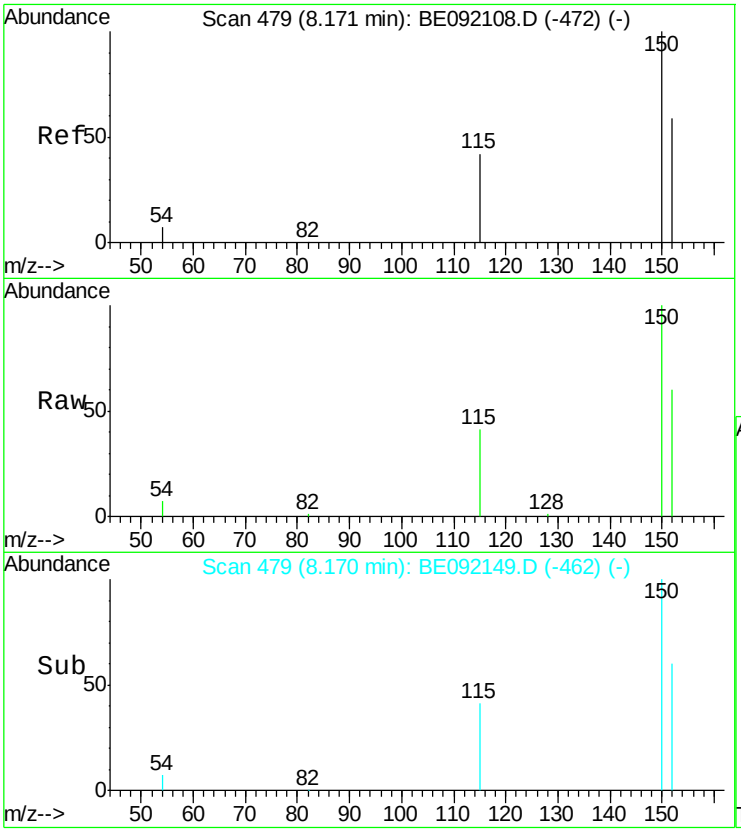
Data File : BE092149.D
Acq On : 3 Aug 2016 17:26
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Aug 04 03:56:32 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-PAH-BE080216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 02 16:59:37 2016
Response via : Initial Calibration



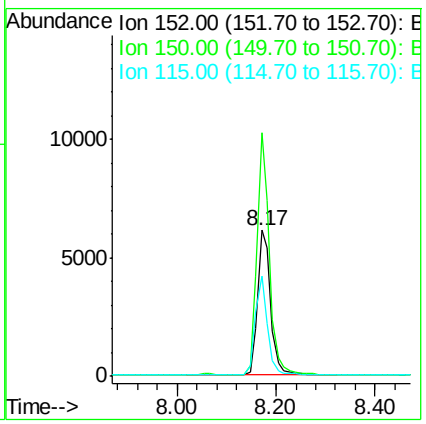


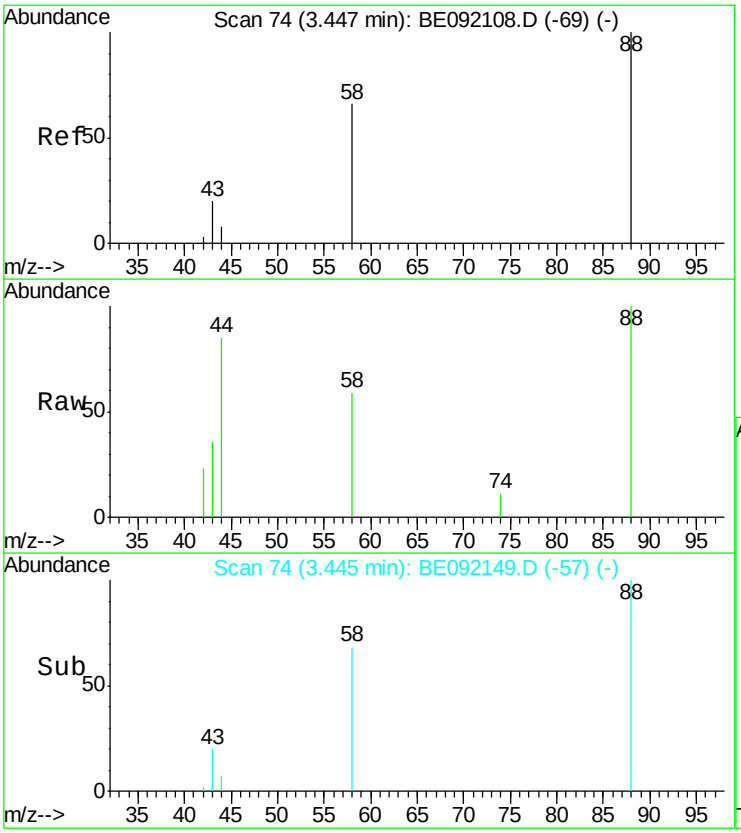
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.17 min Scan# 479
Delta R.T. -0.00 min
Lab File: BE092149.D
Acq: 3 Aug 2016 17:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 11545

Ion	Ratio	Lower	Upper
152	100		
150	166.8	106.0	159.0#
115	68.4	36.9	55.3#

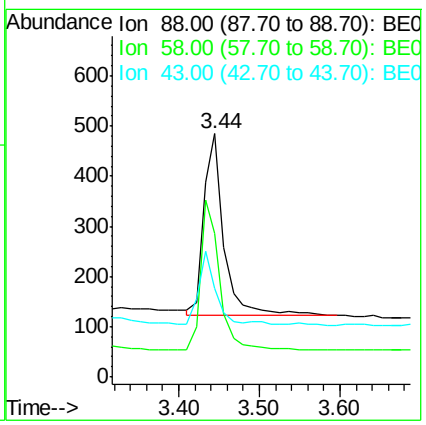


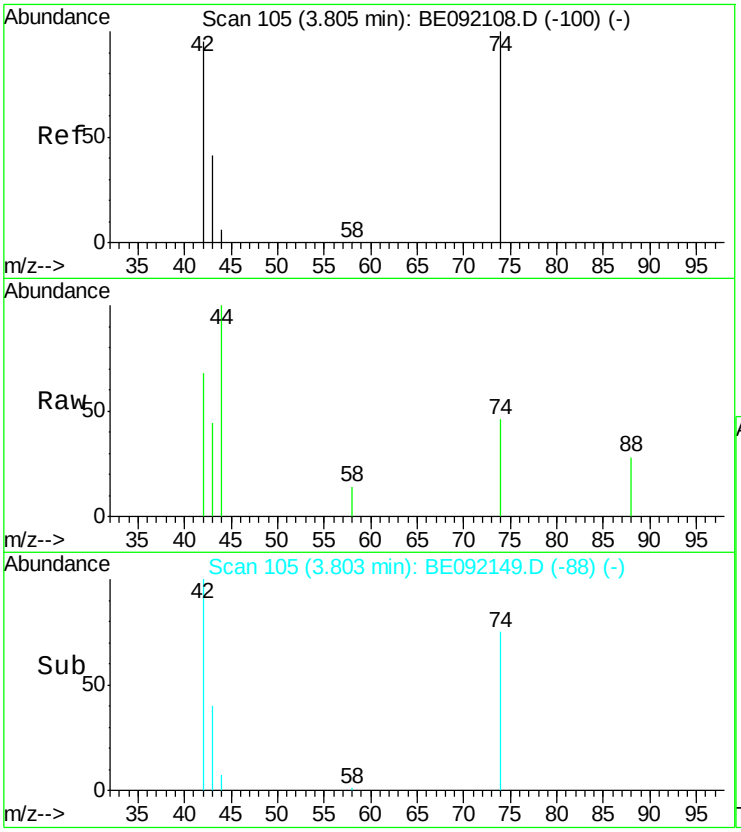


#2
1,4-Dioxane
Concen: 0.41 ng
RT: 3.44 min Scan# 74
Delta R.T. -0.00 min
Lab File: BE092149.D
Acq: 3 Aug 2016 17:26

Tgt Ion: 88 Resp: 639

Ion	Ratio	Lower	Upper
88	100		
58	76.4	62.1	93.1
43	31.5	27.2	40.8



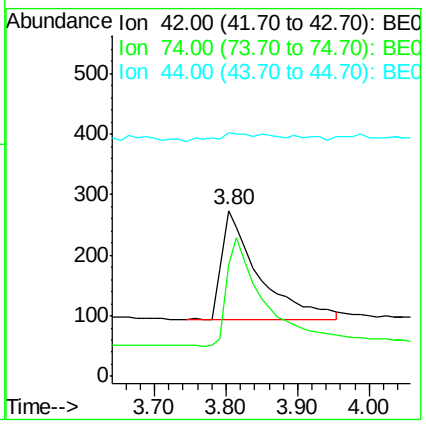


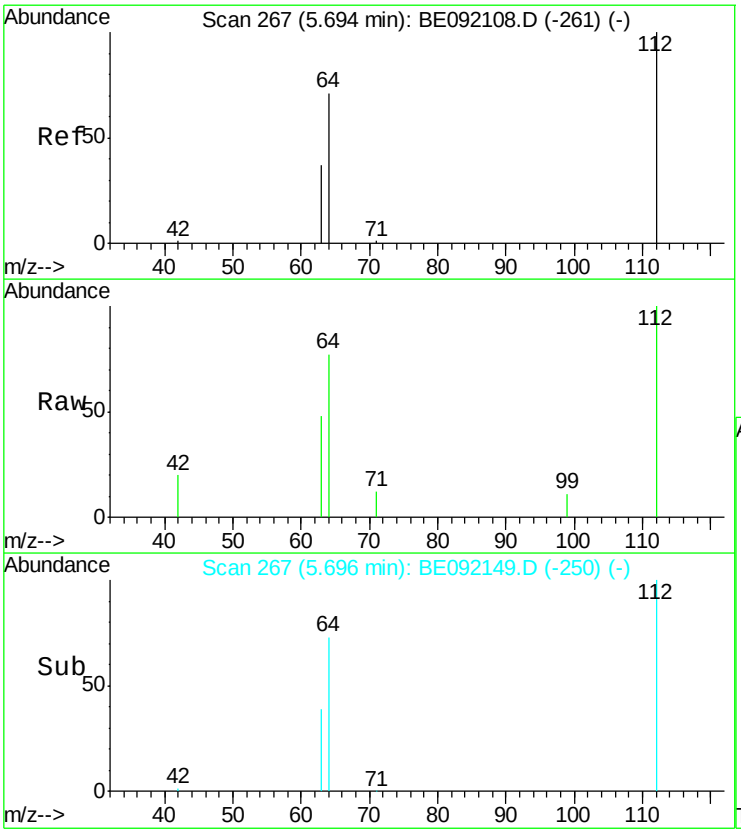
#3
n-Nitrosodimethylamine
Concen: 0.38 ng
RT: 3.80 min Scan# 105
Delta R.T. -0.00 min
Lab File: BE092149.D
Acq: 3 Aug 2016 17:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 641

Ion	Ratio	Lower	Upper
42	100		
74	102.3	82.8	124.2
44	8.0	9.0	13.4#

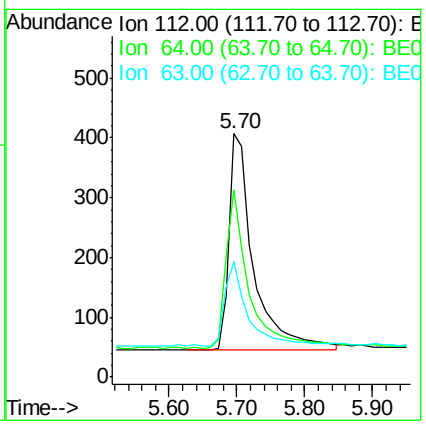


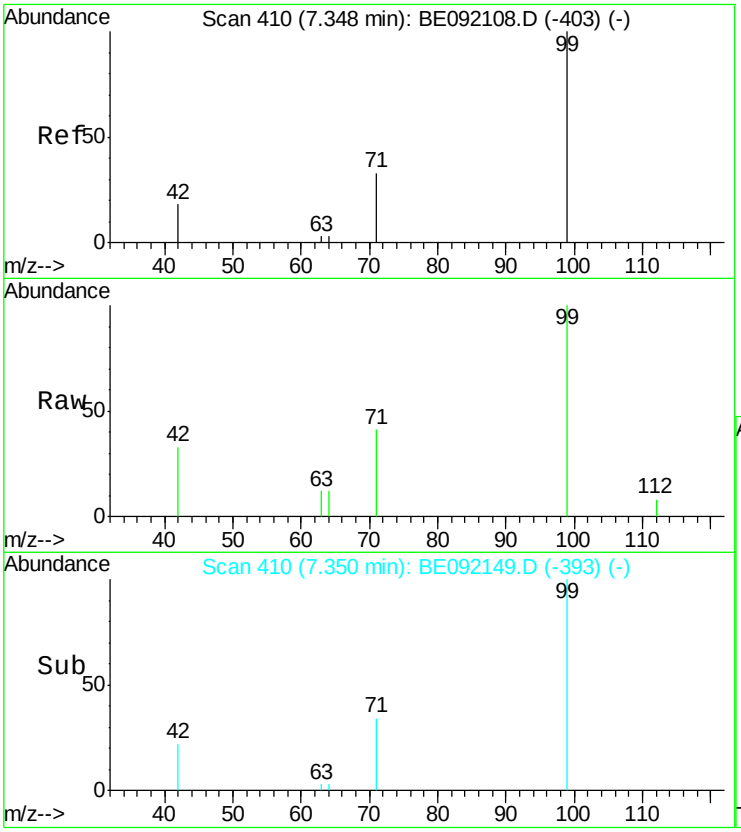


#4
2-Fluorophenol
Concen: 0.31 ng
RT: 5.70 min Scan# 267
Delta R.T. 0.00 min
Lab File: BE092149.D
Acq: 3 Aug 2016 17:26

Tgt Ion:112 Resp: 932

Ion	Ratio	Lower	Upper
112	100		
64	67.3	55.9	83.9
63	35.4	31.1	46.7



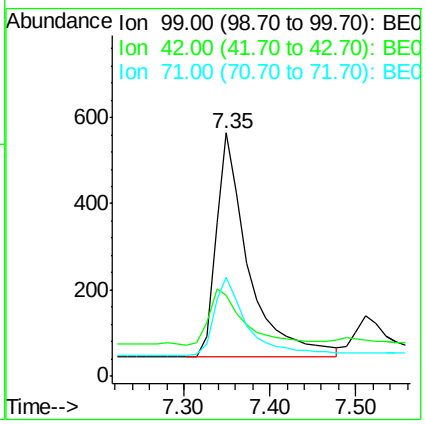


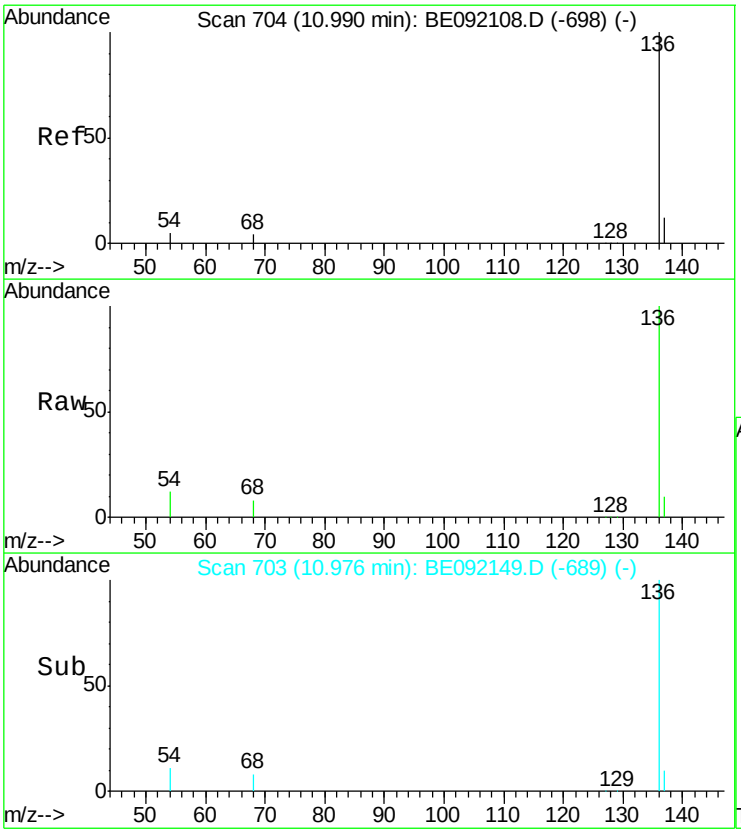
#5
Phenol-d6
Concen: 0.34 ng
RT: 7.35 min Scan# 410
Delta R.T. 0.00 min
Lab File: BE092149.D
Acq: 3 Aug 2016 17:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 1351

Ion	Ratio	Lower	Upper
99	100		
42	27.8	22.4	33.6
71	37.4	28.9	43.3

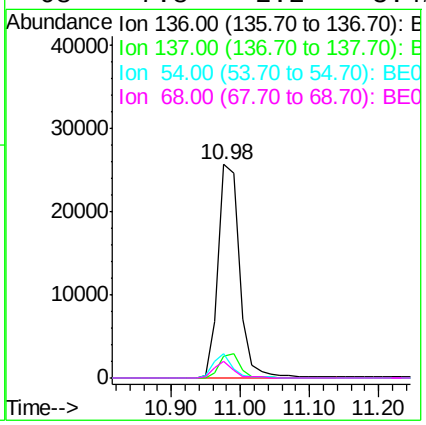


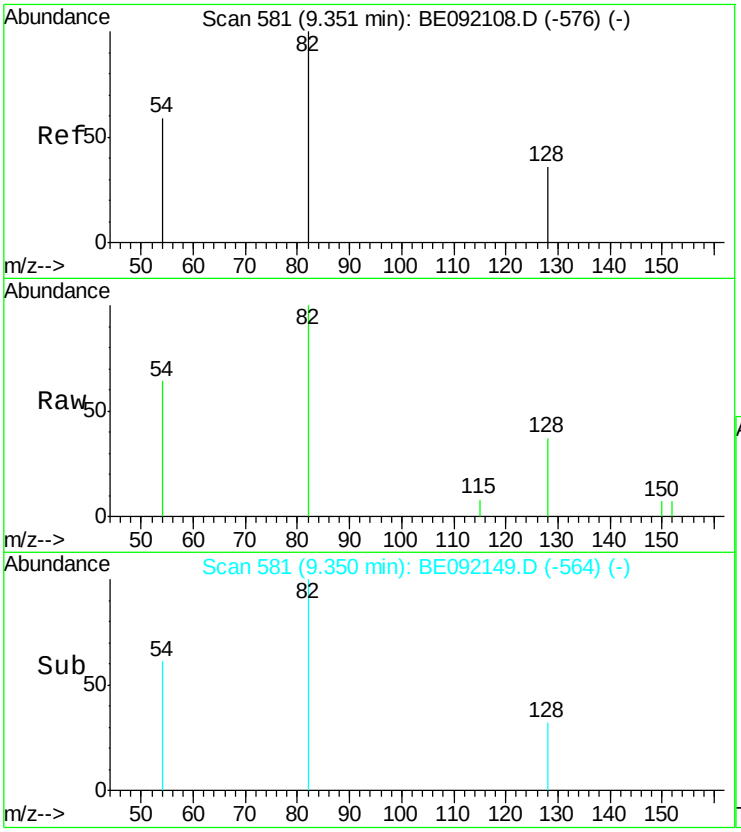


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.98 min Scan# 703
Delta R.T. -0.01 min
Lab File: BE092149.D
Acq: 3 Aug 2016 17:26

Tgt Ion:136 Resp: 54919

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.1	13.7
54	11.6	2.7	4.1#
68	7.8	2.2	3.4#



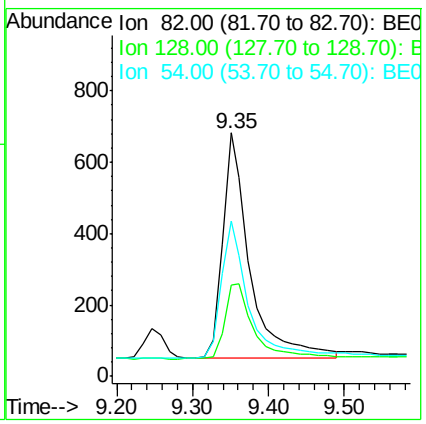


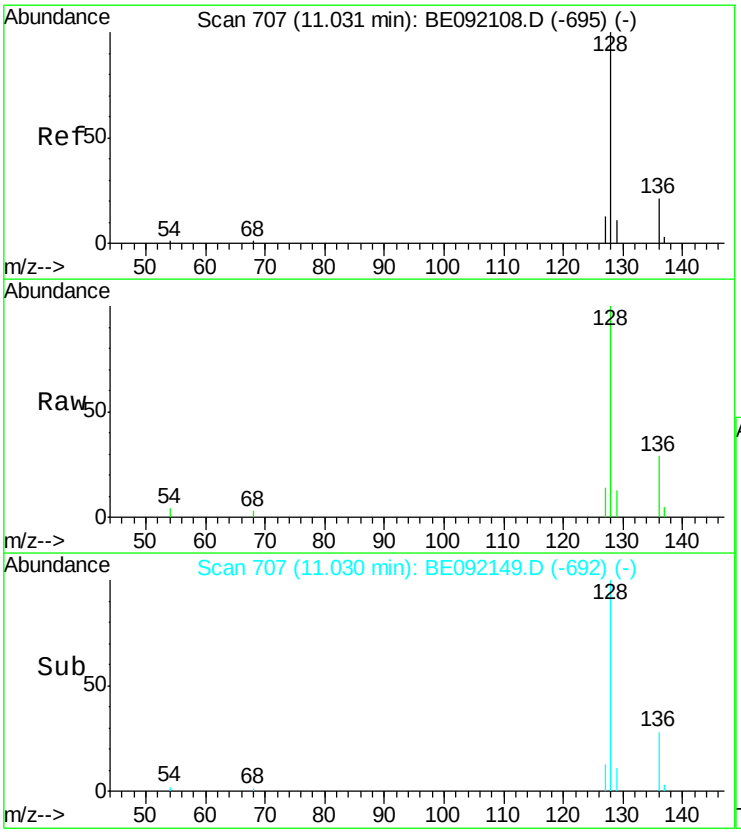
#7
Nitrobenzene-d5
Concen: 0.37 ng
RT: 9.35 min Scan# 581
Delta R.T. -0.00 min
Lab File: BE092149.D
Acq: 3 Aug 2016 17:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 82 Resp: 1591

Ion	Ratio	Lower	Upper
82	100		
128	37.4	33.0	49.4
54	63.8	42.6	63.8

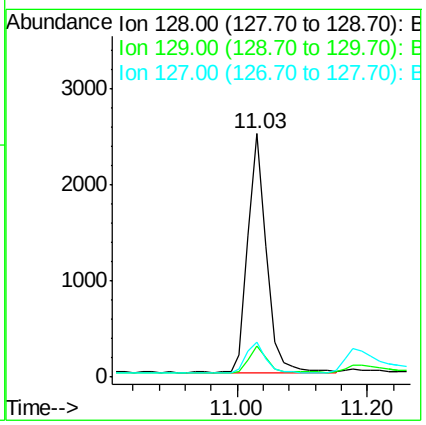


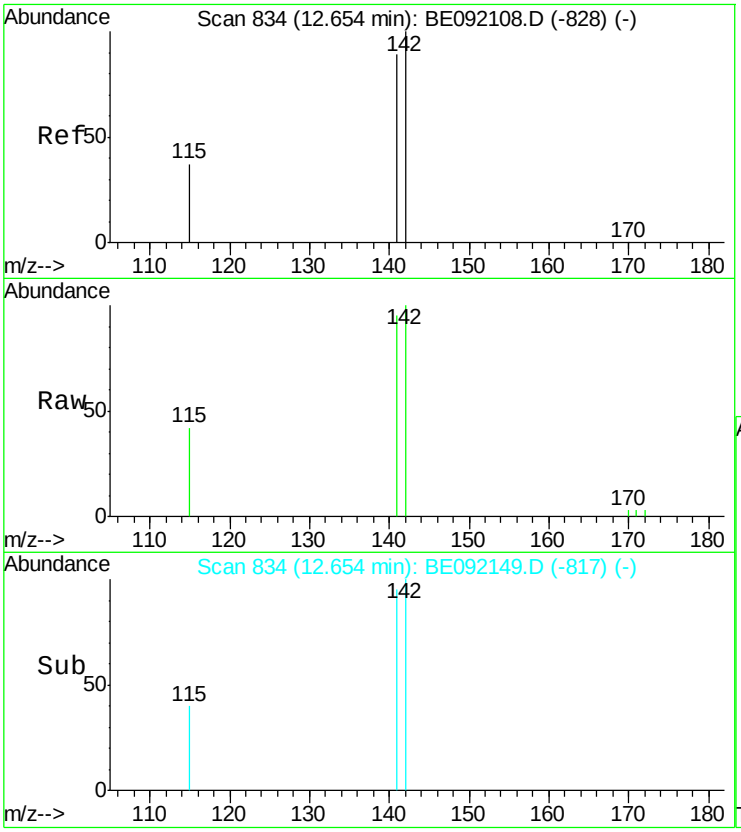


#8
Naphthalene
Concen: 0.40 ng
RT: 11.03 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE092149.D
Acq: 3 Aug 2016 17:26

Tgt Ion:128 Resp: 4854

Ion	Ratio	Lower	Upper
128	100		
129	12.6	11.1	16.7
127	14.2	11.3	16.9



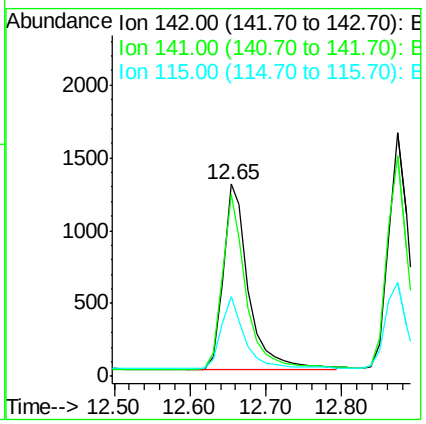


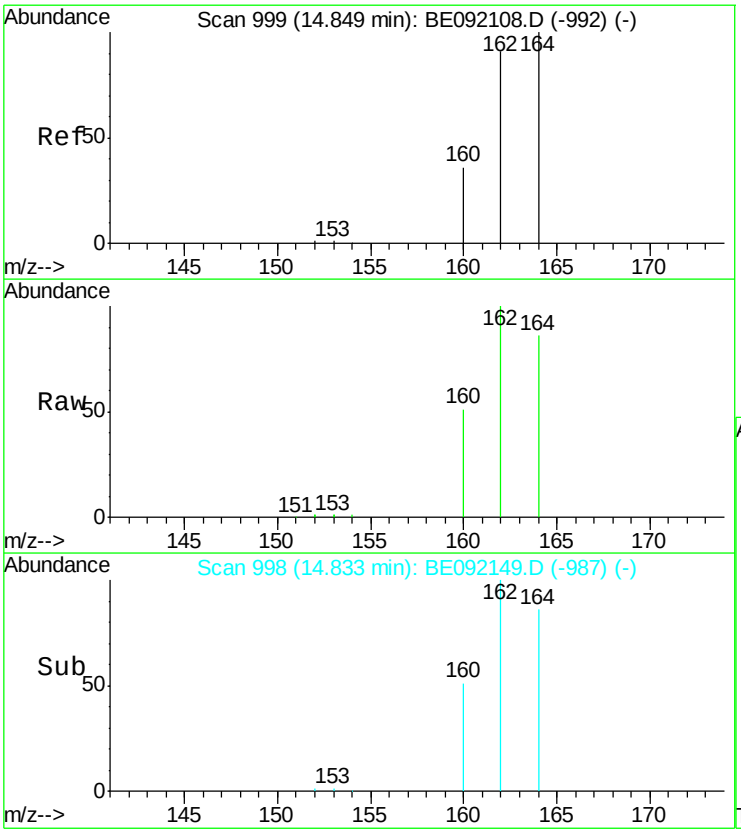
#9
2-Methylnaphthalene
Concen: 0.39 ng
RT: 12.65 min Scan# 834
Delta R.T. 0.00 min
Lab File: BE092149.D
Acq: 3 Aug 2016 17:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:142 Resp: 2958

Ion	Ratio	Lower	Upper
142	100		
141	94.9	65.1	97.7
115	41.9	27.0	40.4#

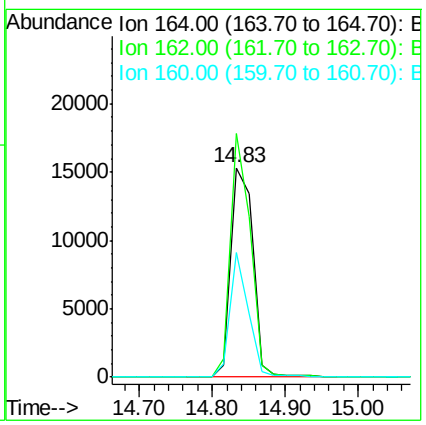


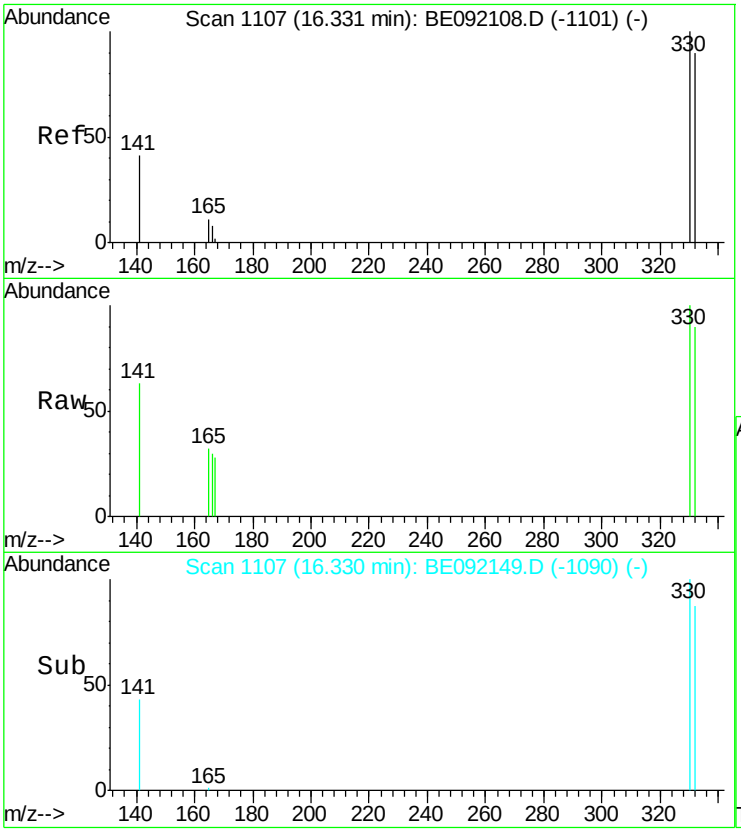


#10
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.83 min Scan# 998
Delta R.T. -0.02 min
Lab File: BE092149.D
Acq: 3 Aug 2016 17:26

Tgt Ion:164 Resp: 31314

Ion	Ratio	Lower	Upper
164	100		
162	116.4	69.5	104.3#
160	59.6	27.6	41.4#



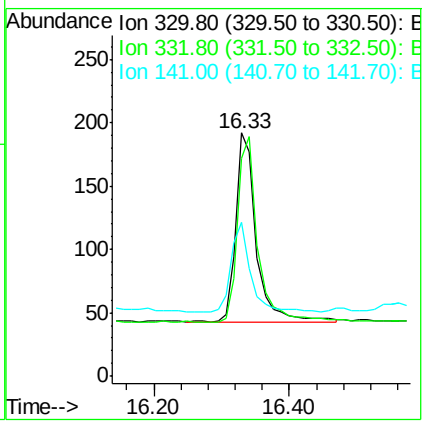


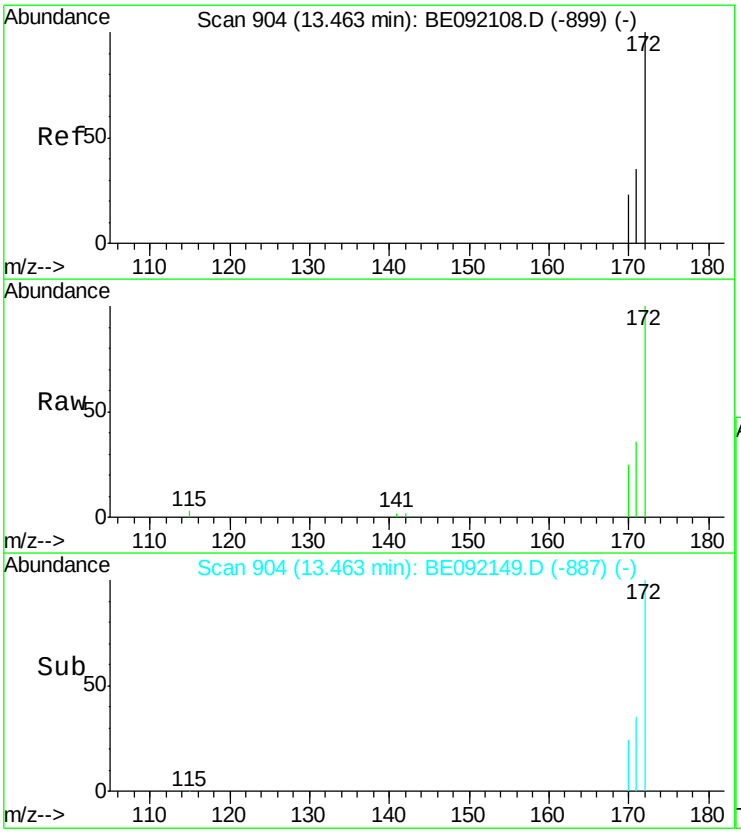
#11
2,4,6-Tribromophenol
Concen: 0.31 ng
RT: 16.33 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BE092149.D
Acq: 3 Aug 2016 17:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:330 Resp: 315

Ion	Ratio	Lower	Upper
330	100		
332	96.2	74.2	111.4
141	44.4	139.8	209.8#

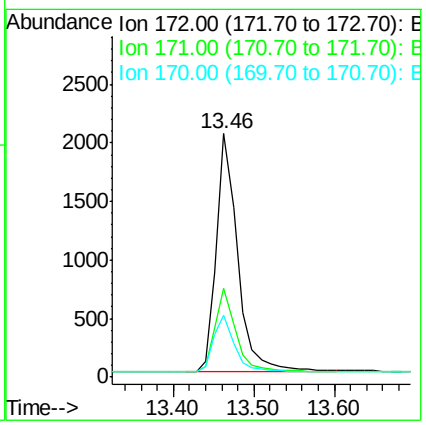


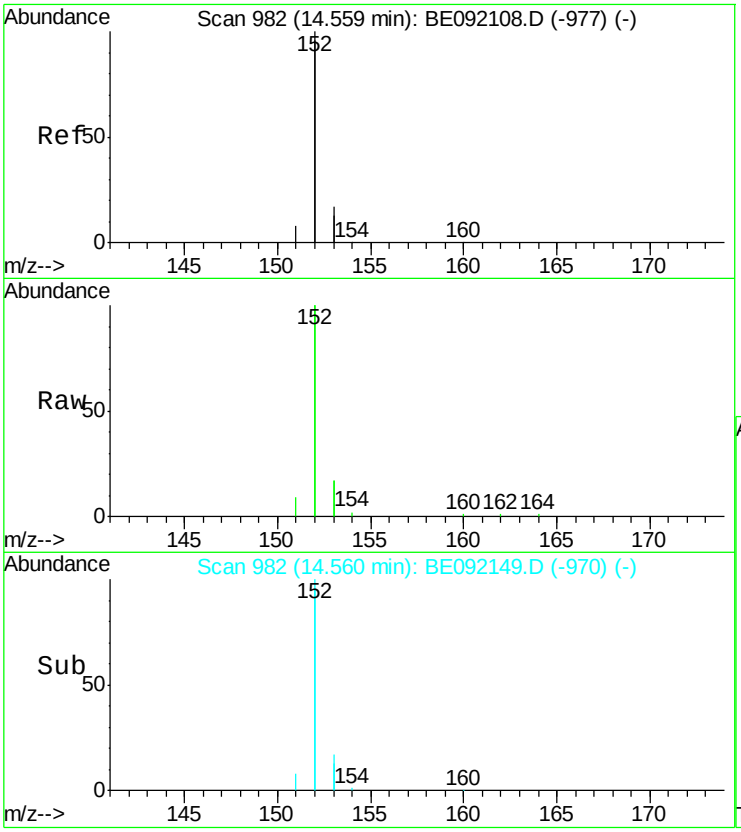


#12
2-Fluorobiphenyl
Concen: 0.38 ng
RT: 13.46 min Scan# 904
Delta R.T. -0.00 min
Lab File: BE092149.D
Acq: 3 Aug 2016 17:26

Tgt Ion:172 Resp: 3774

Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.3	45.5
170	25.4	21.6	32.4



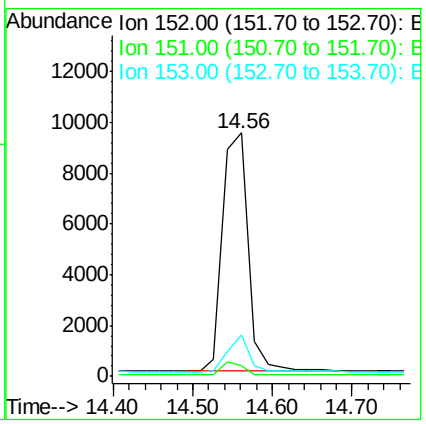


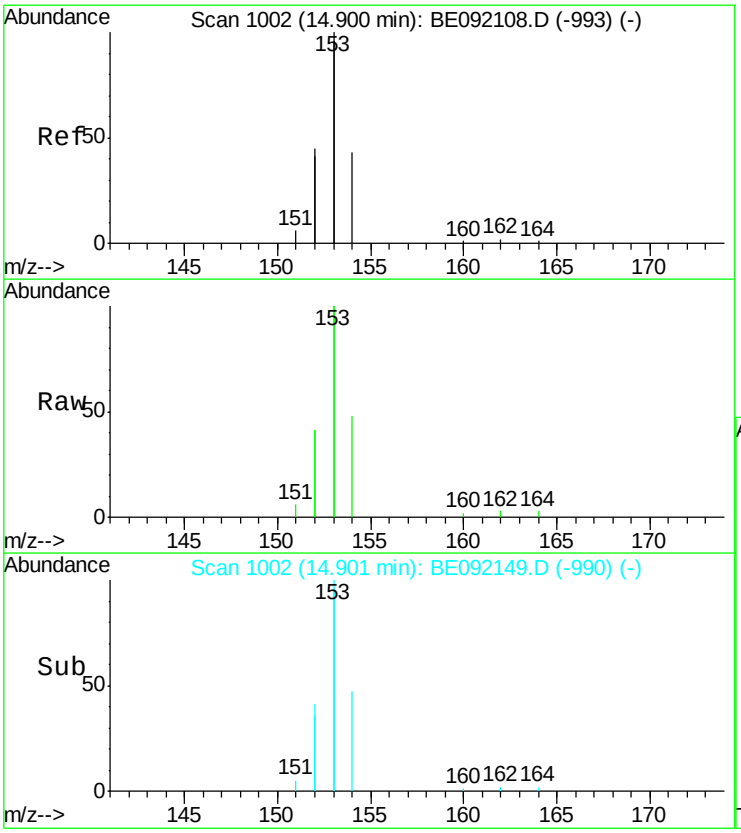
#13
Acenaphthylene
Concen: 0.38 ng
RT: 14.56 min Scan# 982
Delta R.T. 0.00 min
Lab File: BE092149.D
Acq: 3 Aug 2016 17:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 20912

Ion	Ratio	Lower	Upper
152	100		
151	4.9	4.0	6.0
153	12.8	9.6	14.4

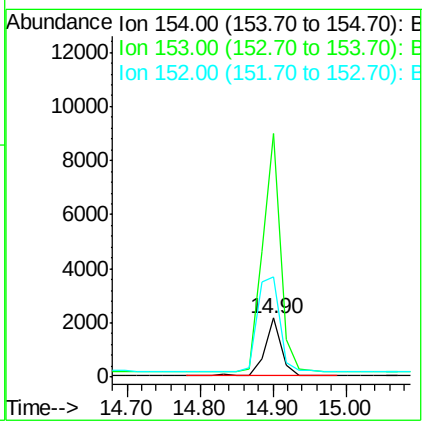


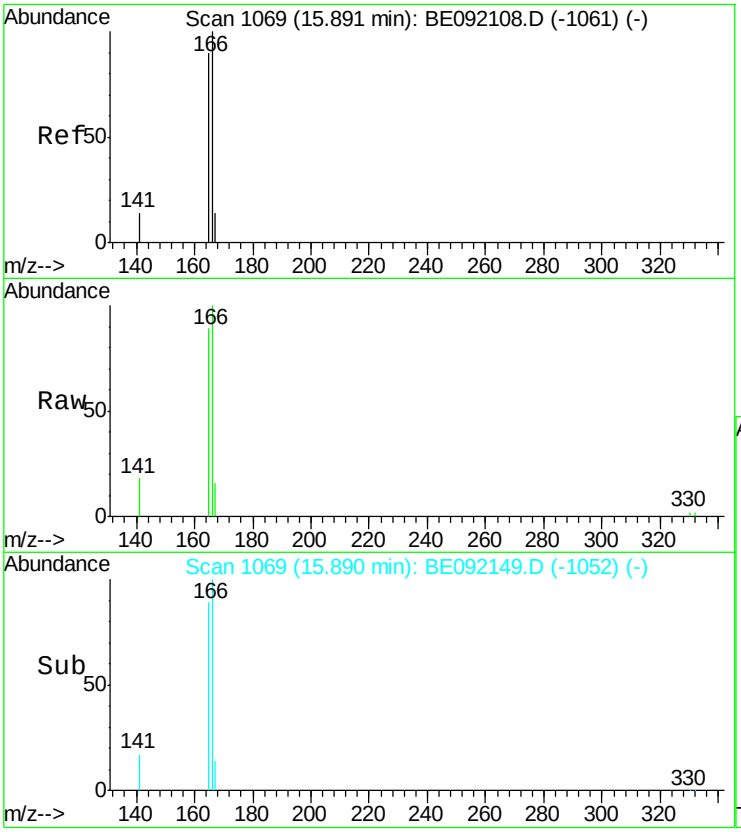


#14
Acenaphthene
Concen: 0.39 ng
RT: 14.90 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BE092149.D
Acq: 3 Aug 2016 17:26

Tgt Ion:154 Resp: 3453

Ion	Ratio	Lower	Upper
154	100		
153	439.2	345.1	517.7
152	219.1	0.0	0.0#



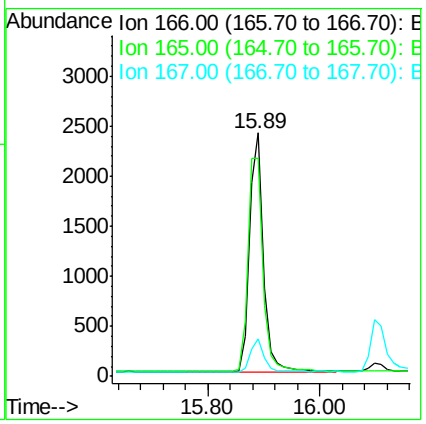


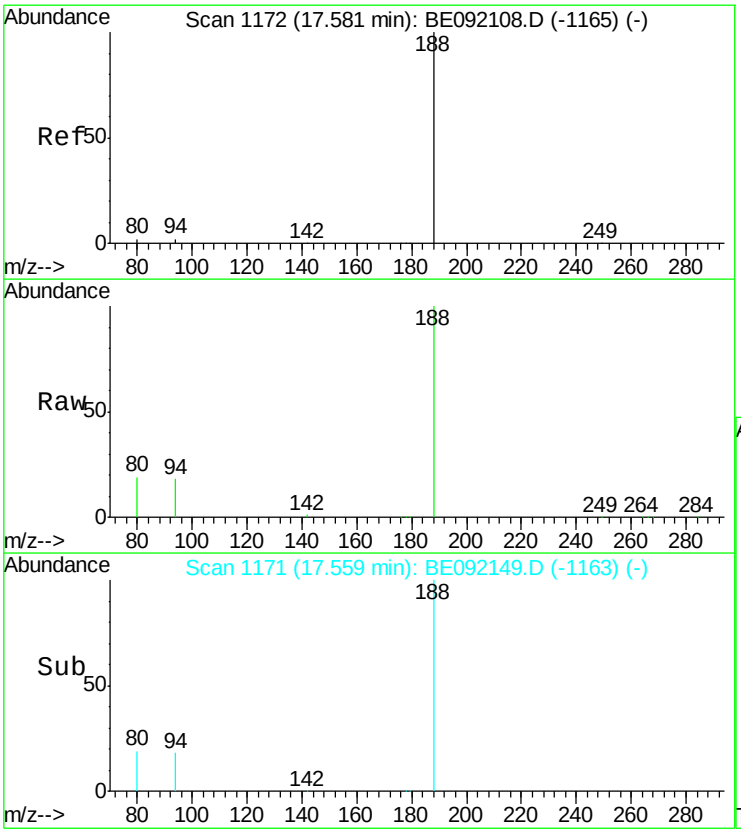
#15
Fluorene
Concen: 0.37 ng
RT: 15.89 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BE092149.D
Acq: 3 Aug 2016 17:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:166 Resp: 4115

Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.6	118.0
167	13.5	11.1	16.7

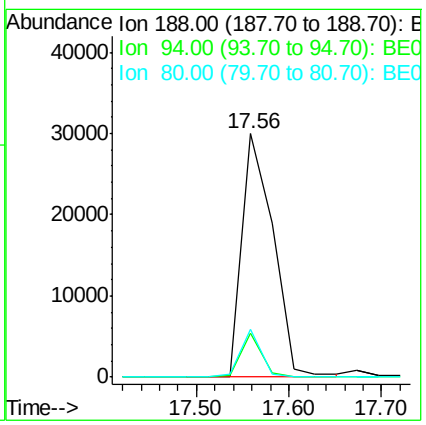


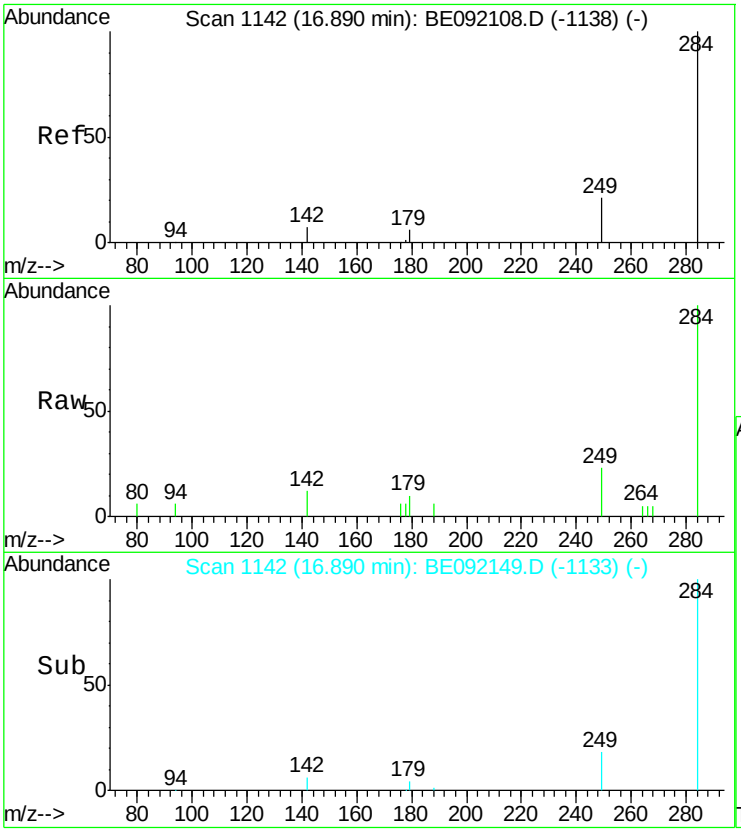


#16
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1171
Delta R.T. -0.02 min
Lab File: BE092149.D
Acq: 3 Aug 2016 17:26

Tgt Ion:188 Resp: 69777

Ion	Ratio	Lower	Upper
188	100		
94	18.1	3.9	5.9#
80	19.4	3.4	5.0#



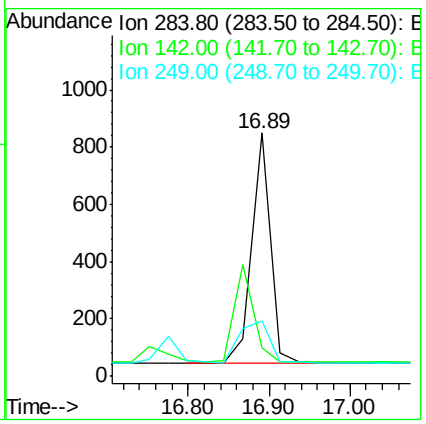


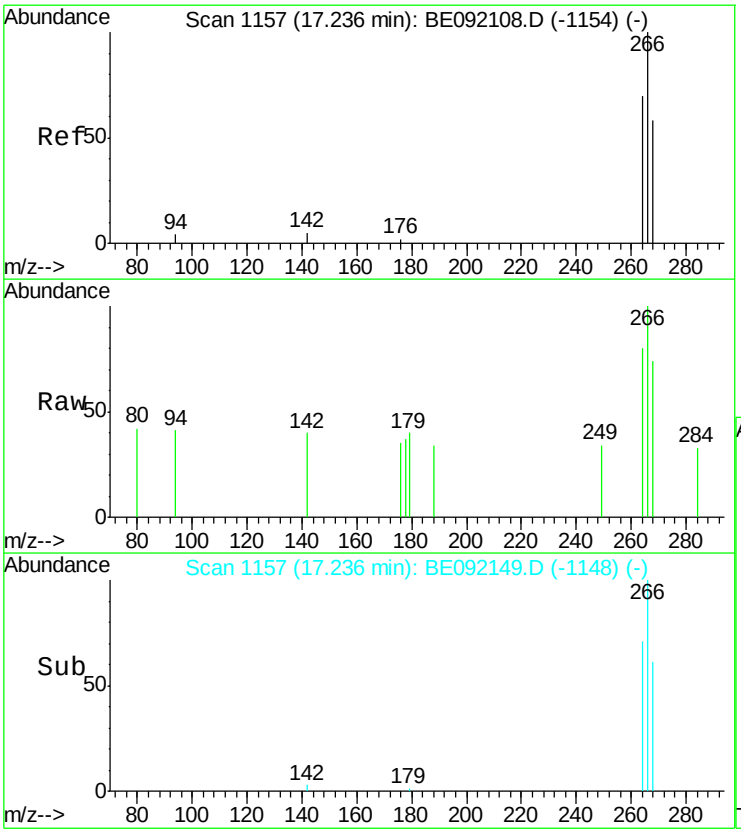
#17
Hexachlorobenzene
Concen: 0.38 ng
RT: 16.89 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BE092149.D
Acq: 3 Aug 2016 17:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 1296

Ion	Ratio	Lower	Upper
284	100		
142	0.0	33.3	49.9#
249	28.8	25.4	38.0

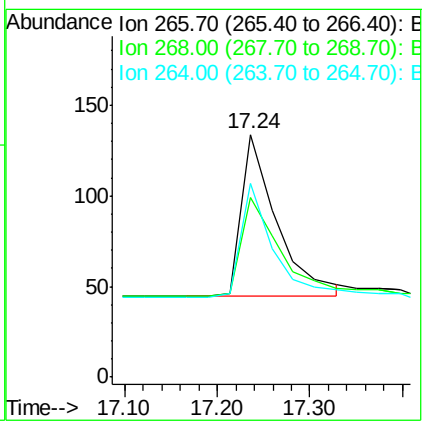


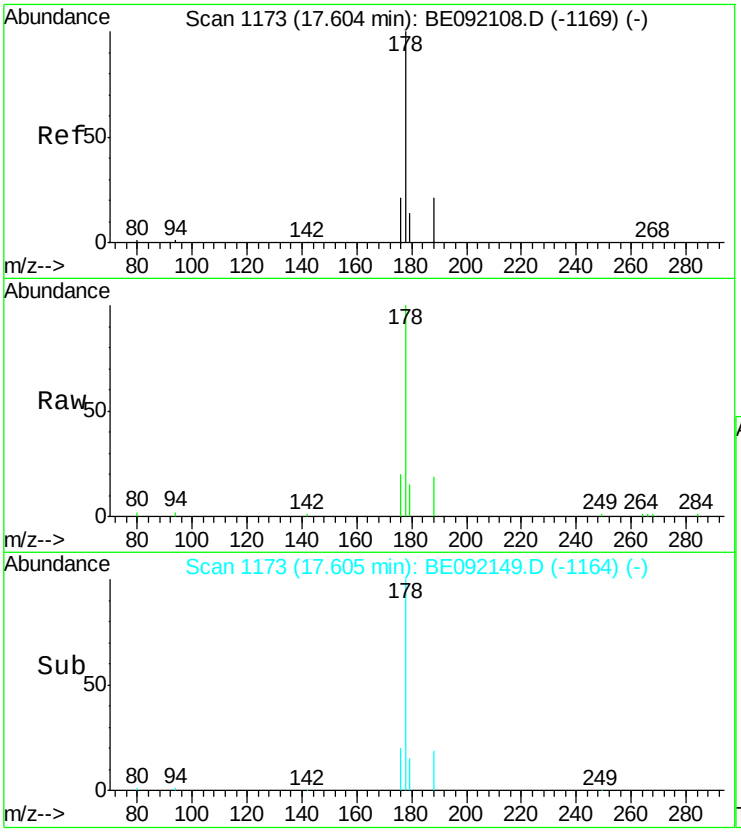


#18
Pentachlorophenol
Concen: 0.37 ng
RT: 17.24 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BE092149.D
Acq: 3 Aug 2016 17:26

Tgt Ion:266 Resp: 236

Ion	Ratio	Lower	Upper
266	100		
268	73.9	62.7	94.1
264	79.9	63.5	95.3



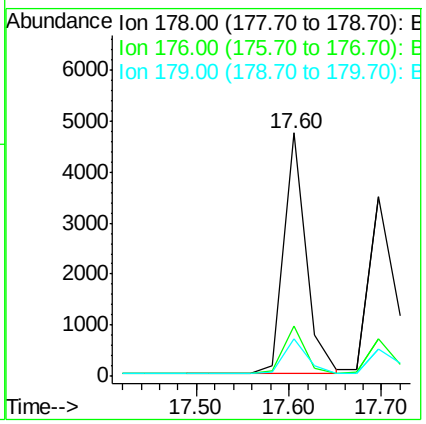


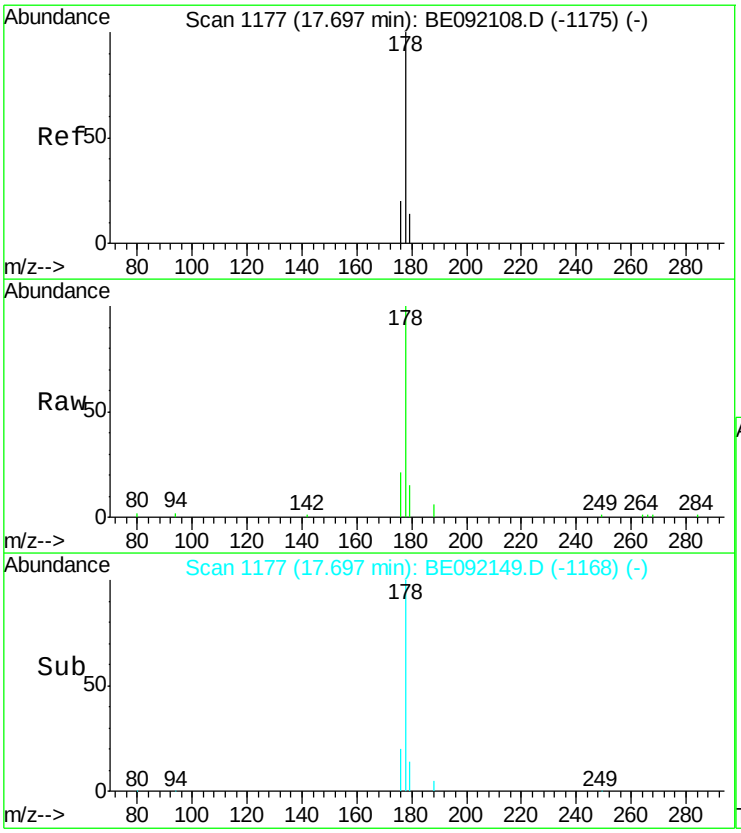
#19
Phenanthrene
Concen: 0.38 ng
RT: 17.60 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BE092149.D
Acq: 3 Aug 2016 17:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 7909

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.7	12.7	19.1

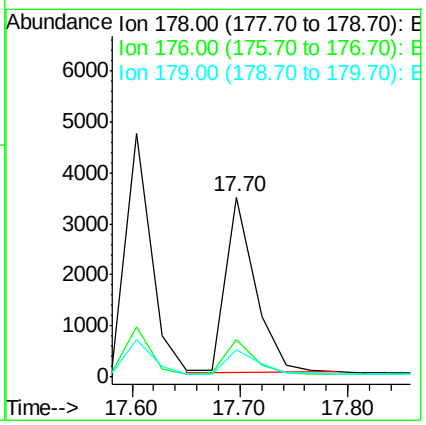


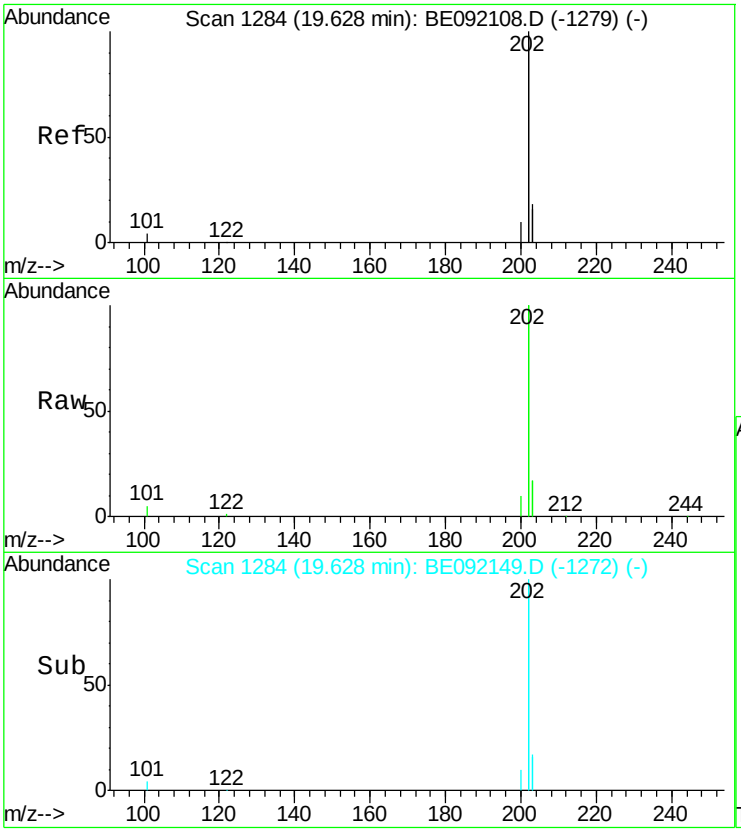


#20
Anthracene
Concen: 0.36 ng
RT: 17.70 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BE092149.D
Acq: 3 Aug 2016 17:26

Tgt Ion:178 Resp: 6605

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	14.6	12.2	18.4



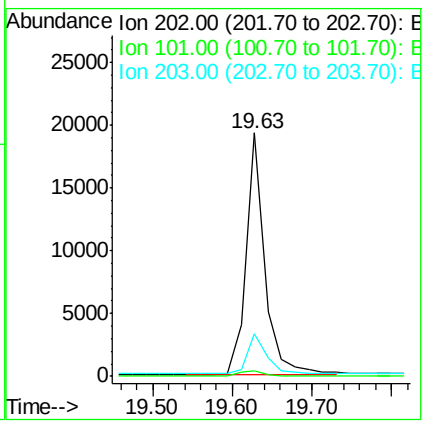


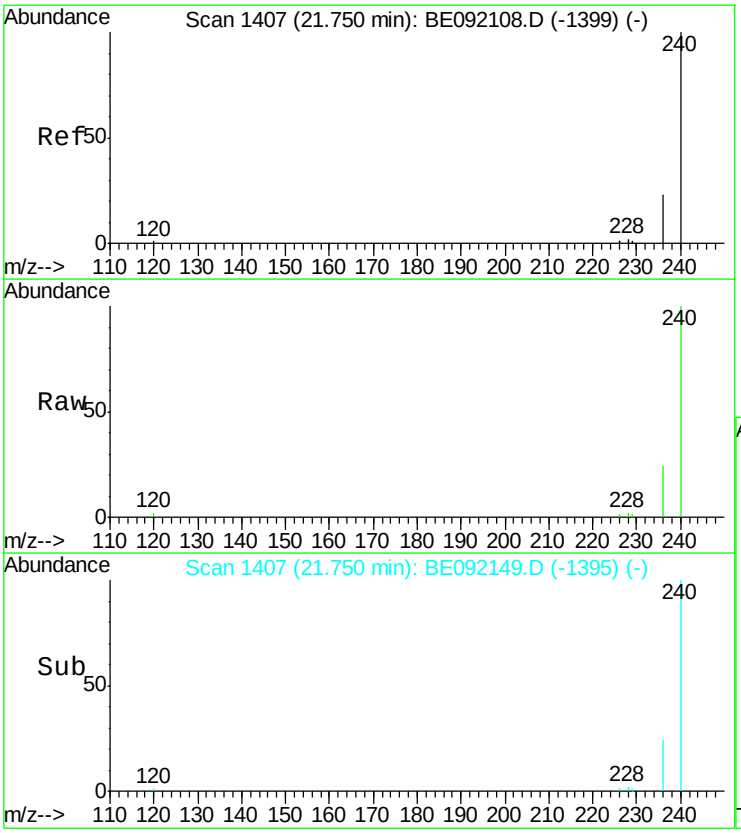
#21
Fluoranthene
Concen: 0.37 ng
RT: 19.63 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BE092149.D
Acq: 3 Aug 2016 17:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 31160

Ion	Ratio	Lower	Upper
202	100		
101	2.8	2.2	3.2
203	17.4	13.0	19.4

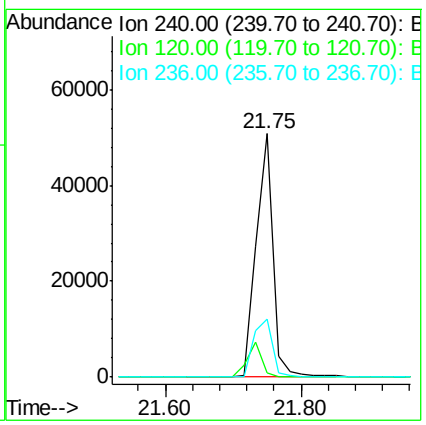


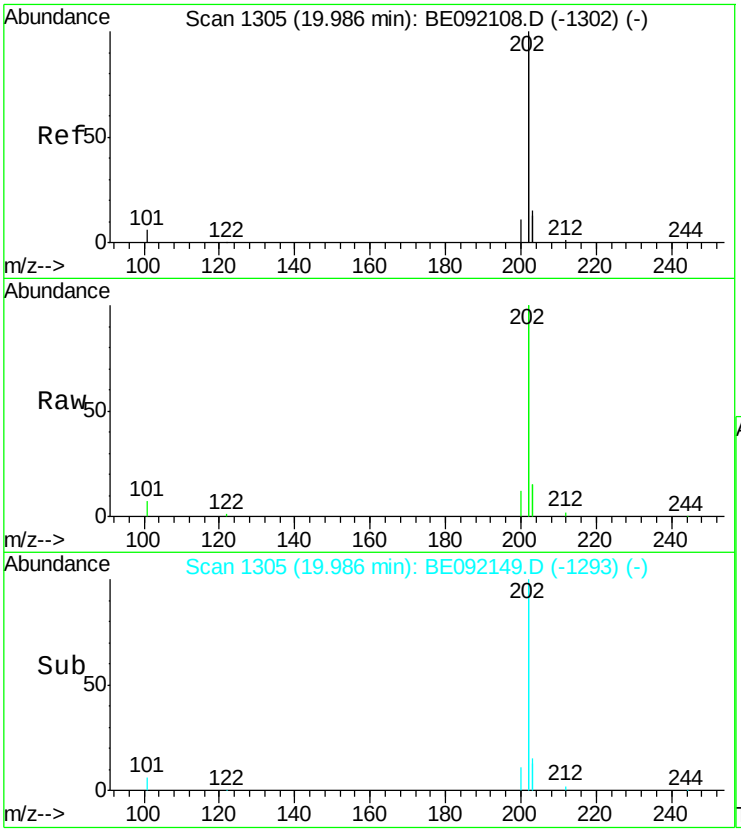


#22
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BE092149.D
Acq: 3 Aug 2016 17:26

Tgt Ion:240 Resp: 86426

Ion	Ratio	Lower	Upper
240	100		
120	1.5	0.6	1.0#
236	23.6	18.2	27.4



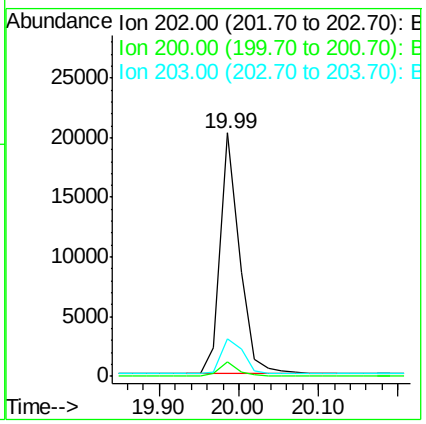


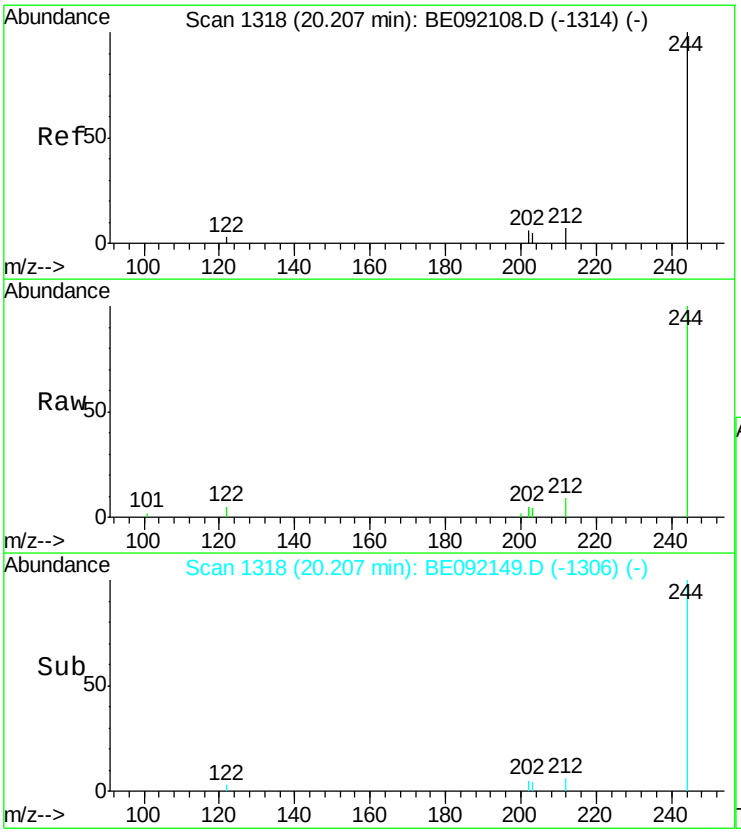
#23
Pyrene
Concen: 0.37 ng
RT: 19.99 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BE092149.D
Acq: 3 Aug 2016 17:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 33830

Ion	Ratio	Lower	Upper
202	100		
200	5.3	4.4	6.6
203	17.4	13.4	20.0

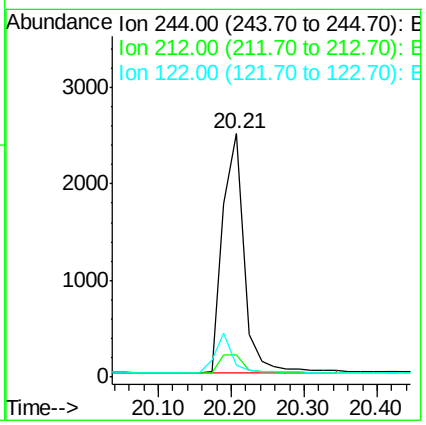


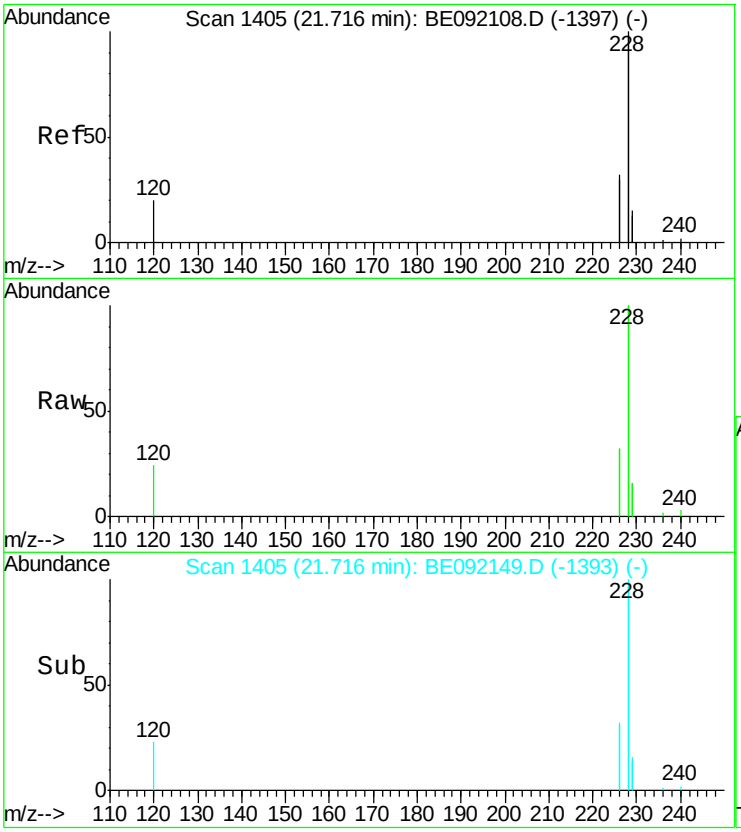


#24
Terphenyl-d14
Concen: 0.41 ng
RT: 20.21 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BE092149.D
Acq: 3 Aug 2016 17:26

Tgt Ion:244 Resp: 5075

Ion	Ratio	Lower	Upper
244	100		
212	8.9	9.1	13.7#
122	5.1	11.0	16.4#



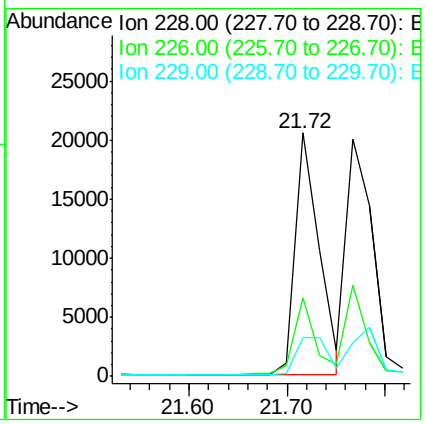


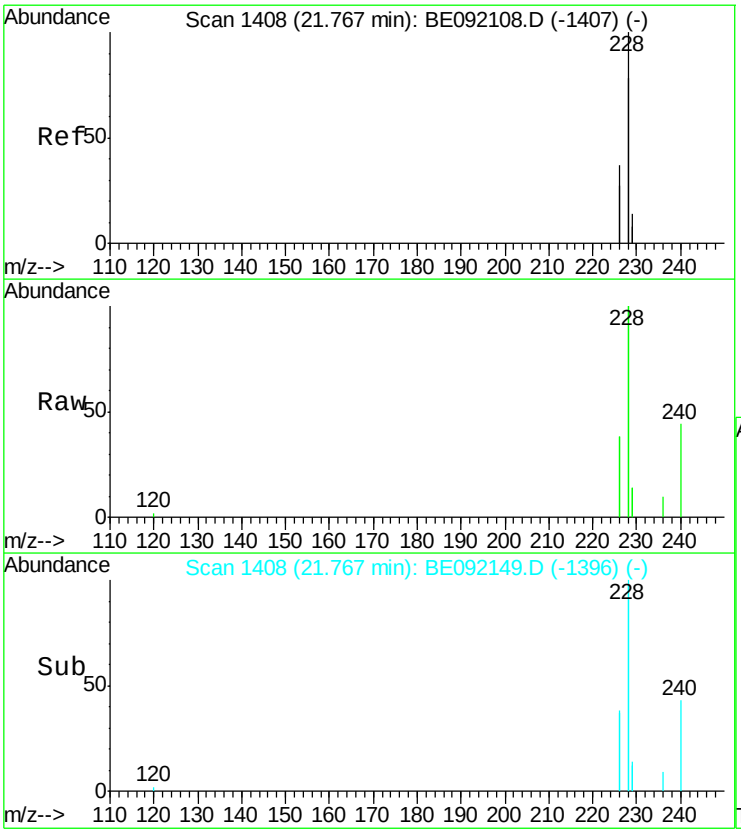
#25
Benzo(a)anthracene
Concen: 0.36 ng
RT: 21.72 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BE092149.D
Acq: 3 Aug 2016 17:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 34346

Ion	Ratio	Lower	Upper
228	100		
226	32.3	22.1	33.1
229	15.7	15.1	22.7

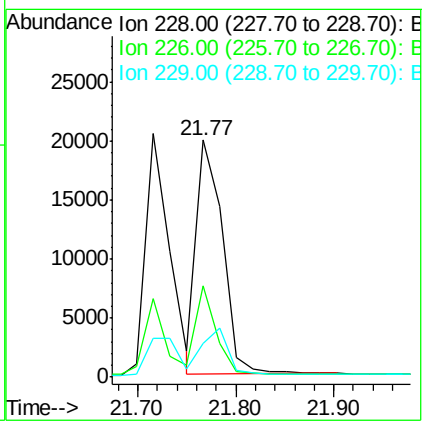


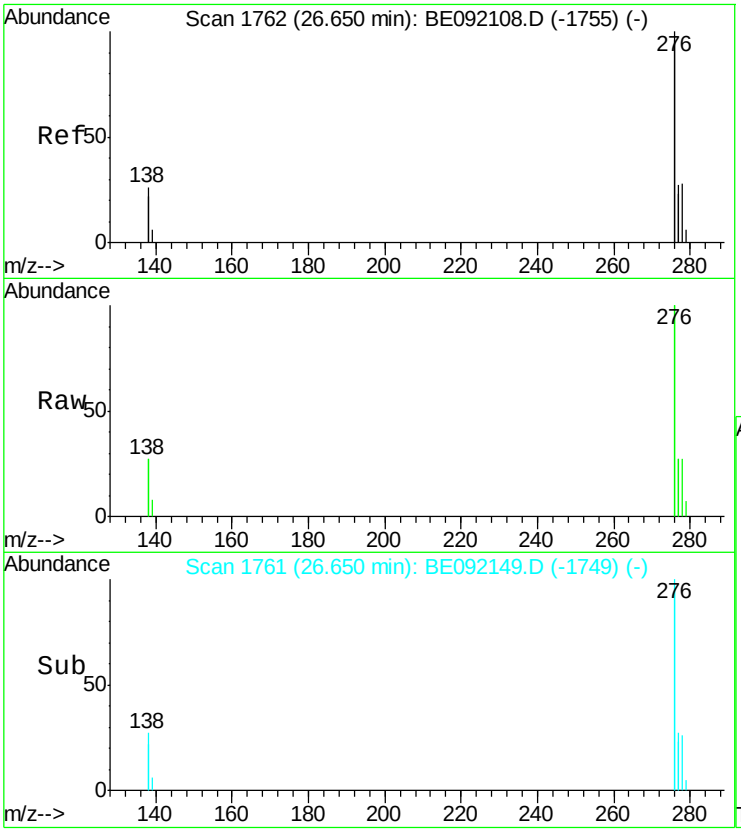


#26
Chrysene
Concen: 0.39 ng
RT: 21.77 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BE092149.D
Acq: 3 Aug 2016 17:26

Tgt Ion:228 Resp: 36852

Ion	Ratio	Lower	Upper
228	100		
226	38.4	22.3	33.5#
229	14.1	16.9	25.3#



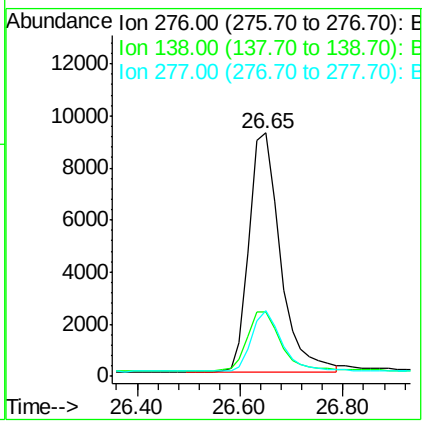


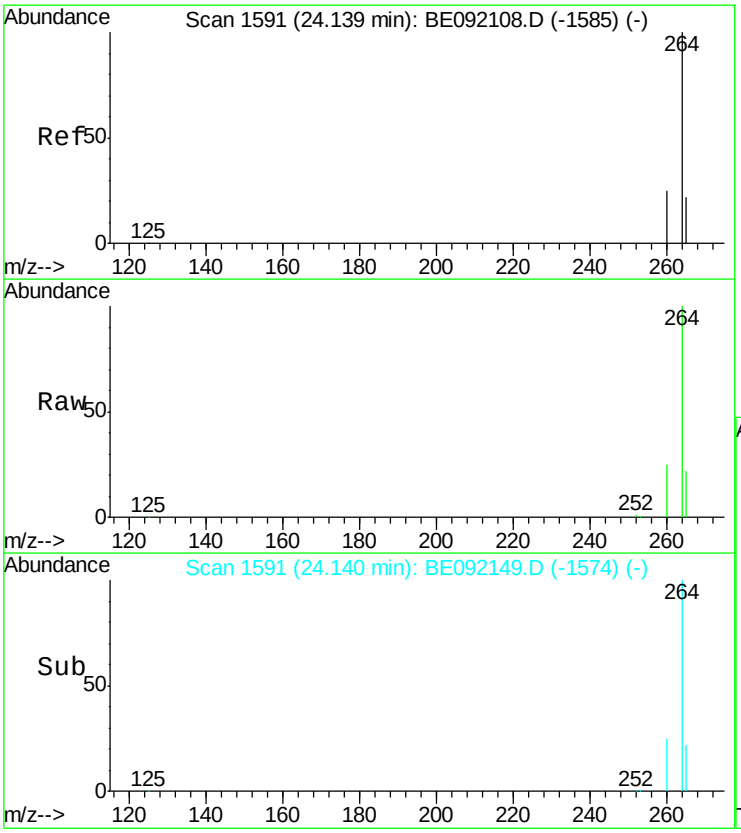
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.37 ng
RT: 26.65 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BE092149.D
Acq: 3 Aug 2016 17:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 38354

Ion	Ratio	Lower	Upper
276	100		
138	26.9	21.2	31.8
277	24.4	19.8	29.8

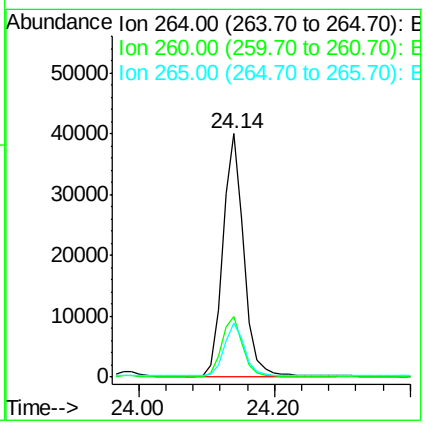


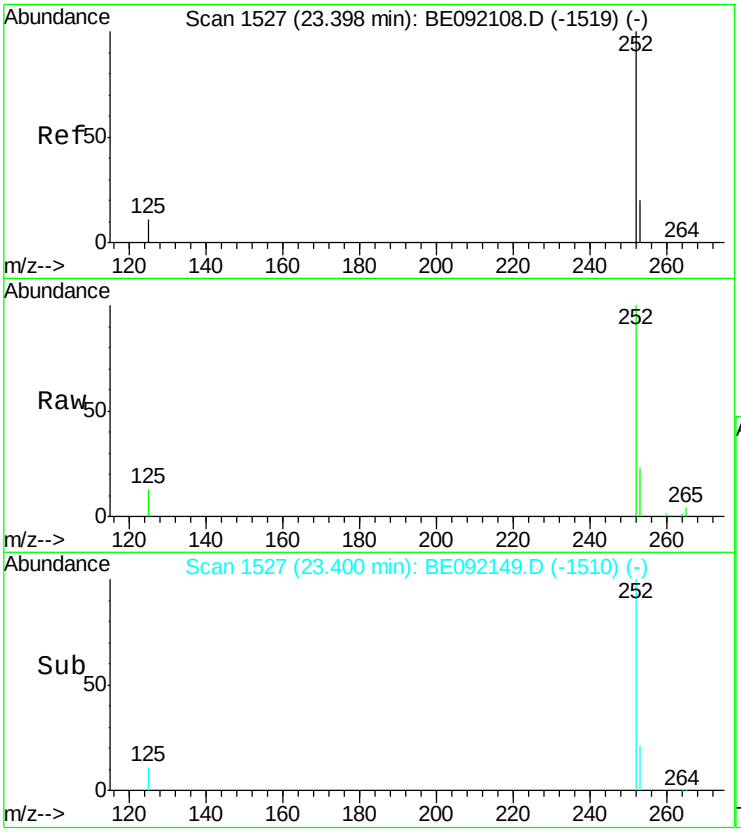


#28
Perylene-d12
Concen: 5.00 ng
RT: 24.14 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BE092149.D
Acq: 3 Aug 2016 17:26

Tgt Ion:264 Resp: 86376

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.8	31.2
265	22.1	16.6	25.0



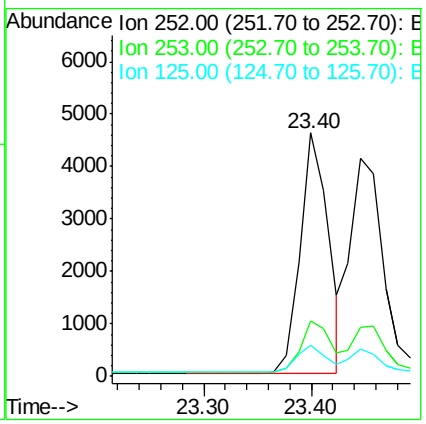


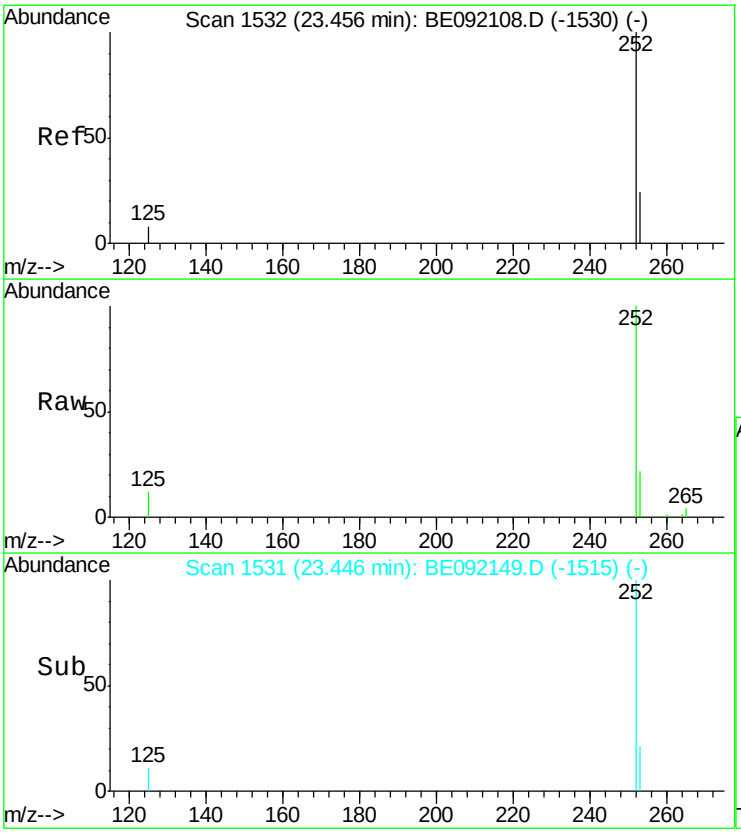
#29
Benzo(b)fluoranthene
Concen: 0.35 ng
RT: 23.40 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BE092149.D
Acq: 3 Aug 2016 17:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 8340

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.0
125	12.9	10.2	15.2

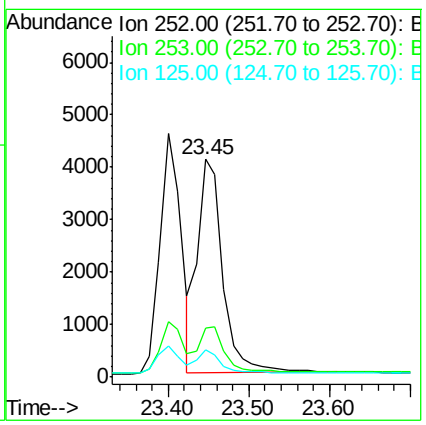


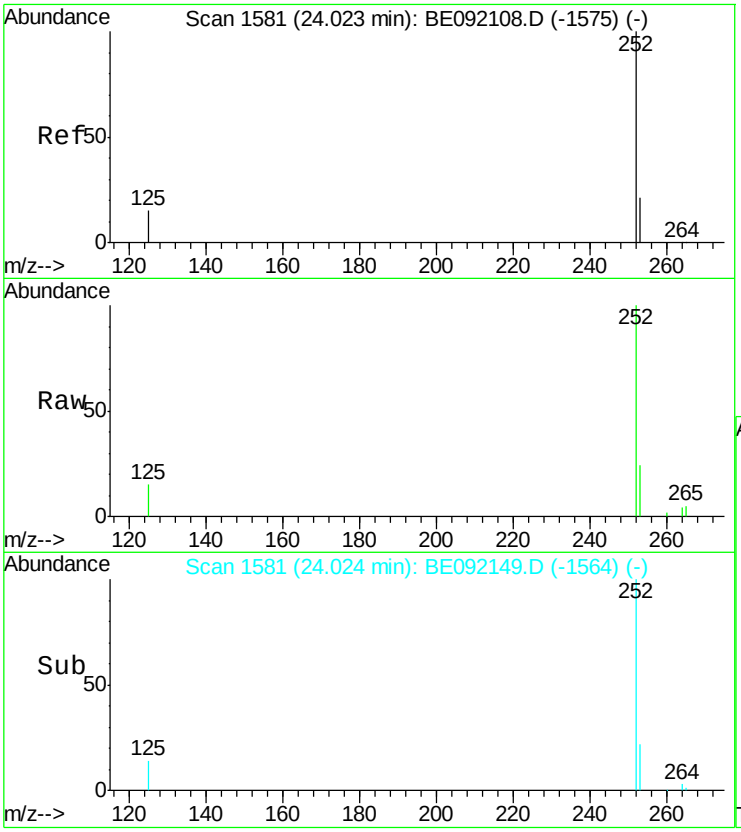


#30
Benzo(k)fluoranthene
Concen: 0.37 ng
RT: 23.45 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BE092149.D
Acq: 3 Aug 2016 17:26

Tgt Ion:252 Resp: 8852

Ion	Ratio	Lower	Upper
252	100		
253	22.5	19.4	29.0
125	12.3	8.9	13.3



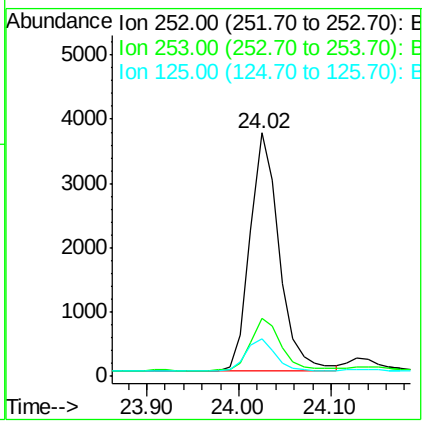


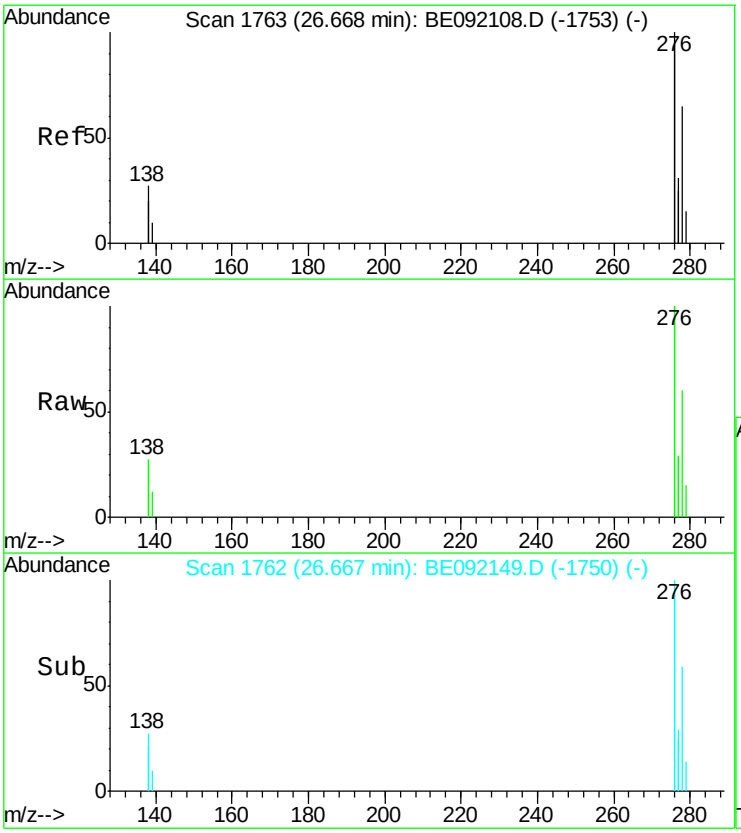
#31
Benzo(a)pyrene
Concen: 0.38 ng
RT: 24.02 min Scan# 1581
Delta R.T. 0.00 min
Lab File: BE092149.D
Acq: 3 Aug 2016 17:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 8304

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.8	29.8
125	15.5	10.4	15.6

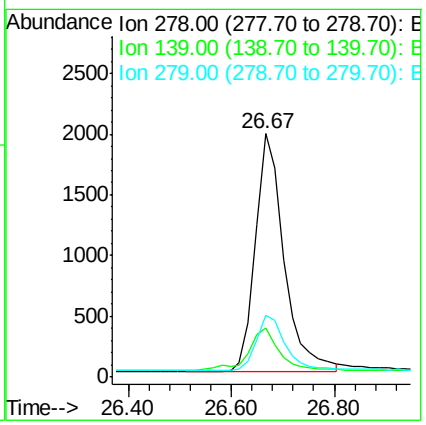


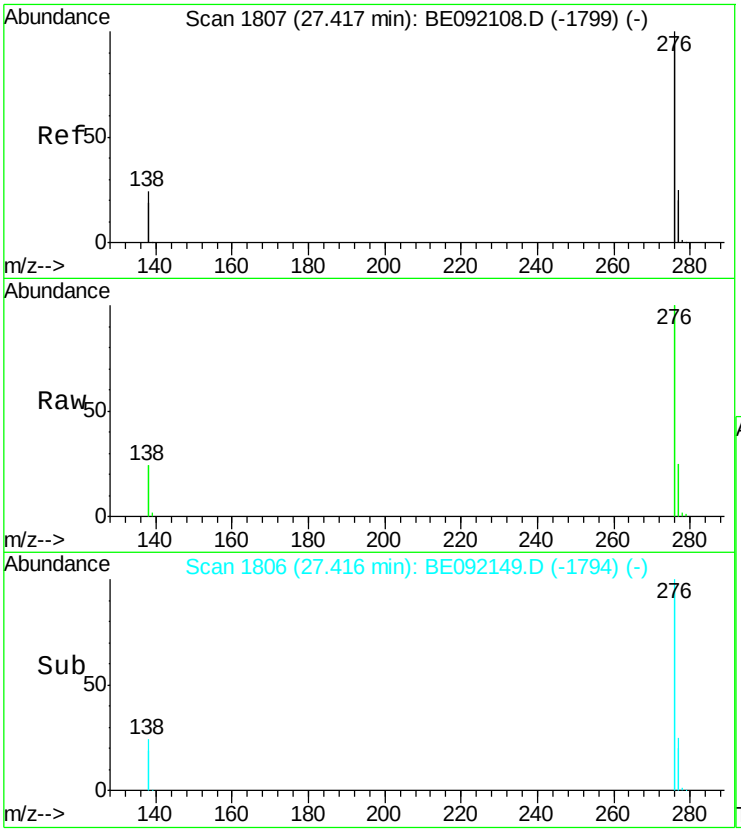


#32
Dibenzo(a,h)anthracene
Concen: 0.36 ng
RT: 26.67 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BE092149.D
Acq: 3 Aug 2016 17:26

Tgt Ion:278 Resp: 7488

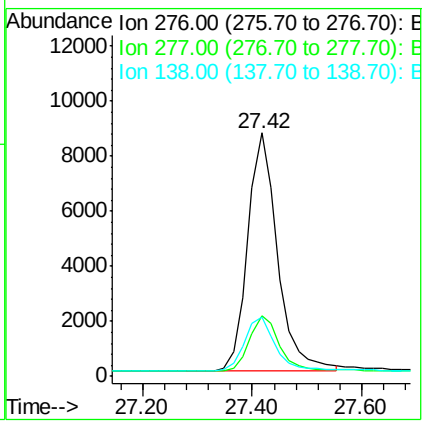
Ion	Ratio	Lower	Upper
278	100		
139	20.1	16.7	25.1
279	25.6	20.3	30.5





#33
Benzo(g,h,i)perylene
Concen: 0.37 ng
RT: 27.42 min Scan# 1806
Delta R.T. -0.00 min
Lab File: BE092149.D
Acq: 3 Aug 2016 17:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 32618

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.5	29.3
138	24.2	20.8	31.2