Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\Data\BE091216\
Data File : BE092372.D
Acq On : 12 Sep 2016 15:21
Operator : UM/SJ
Sample : PB93350BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 12 16:35:46 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 19:34:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	13690	5.00	ng		-0.02
7) Naphthalene-d8	10.95	136	56340	5.00	ng		0.00
12) Acenaphthene-d10	14.82	164	29542	5.00	ng		0.00
18) Phenanthrene-d10	17.56	188	73398	5.00	ng		0.00
24) Chrysene-d12	21.72	240	84847	5.00	ng		-0.02
31) Perylene-d12	24.09	264	82527	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.66	112	24873	7.64	ng		-0.02
5) Phenol-d6	7.34	99	31142	7.17	ng		-0.02
8) Nitrobenzene-d5	9.32	82	14935	3.69	ng		-0.05
13) 2,4,6-Tribromophenol	16.30	330	10479	11.45	ng		-0.02
14) 2-Fluorobiphenyl	13.43	172	29255	3.23	ng		-0.01
26) Terphenyl-d14	20.16	244	38336	3.05	ng		-0.02
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.73	42	22	0.09	ng	#	2
6) bis(2-Chloroethyl)ether	7.64	93	510	0.19	ng	#	15
15) Acenaphthylene	14.49	152	3536	0.07	ng	#	93
16) Acenaphthene	14.83	154	577	0.07	ng	#	73
17) Fluorene	15.85	166	1209	0.12	ng		99
19) Hexachlorobenzene	16.86	284	211	0.06	ng	#	89
20) Pentachlorophenol	17.23	266	133	0.24	ng		90
21) Phenanthrene	17.60	178	7841	0.38	ng		98
22) Anthracene	17.60	178	7674	0.42	ng		97
23) Fluoranthene	19.59	202	56509	0.63	ng	#	96
25) Pyrene	19.95	202	63978	0.78	ng		96
27) Benzo(a)anthracene	21.77	228	63355	0.69	ng	#	82
28) Chrysene	21.77	228	65755	0.68	ng	#	65
29) Bis(2-ethylhexyl)phthalate	21.63	149	130617	Below Cal		#	68
30) Indeno(1,2,3-cd)pyrene	26.57	276	3985	0.04	ng		95
32) Benzo(b)fluoranthene	23.36	252	3698	0.17	ng	#	68
33) Benzo(k)fluoranthene	23.41	252	2527	0.11	ng	#	74
34) Benzo(a)pyrene	23.97	252	747	0.04	ng	#	1
35) Dibenzo(a,h)anthracene	26.58	278	746	0.04	ng	#	32
36) Benzo(g,h,i)perylene	27.33	276	3280	0.04	ng	#	49

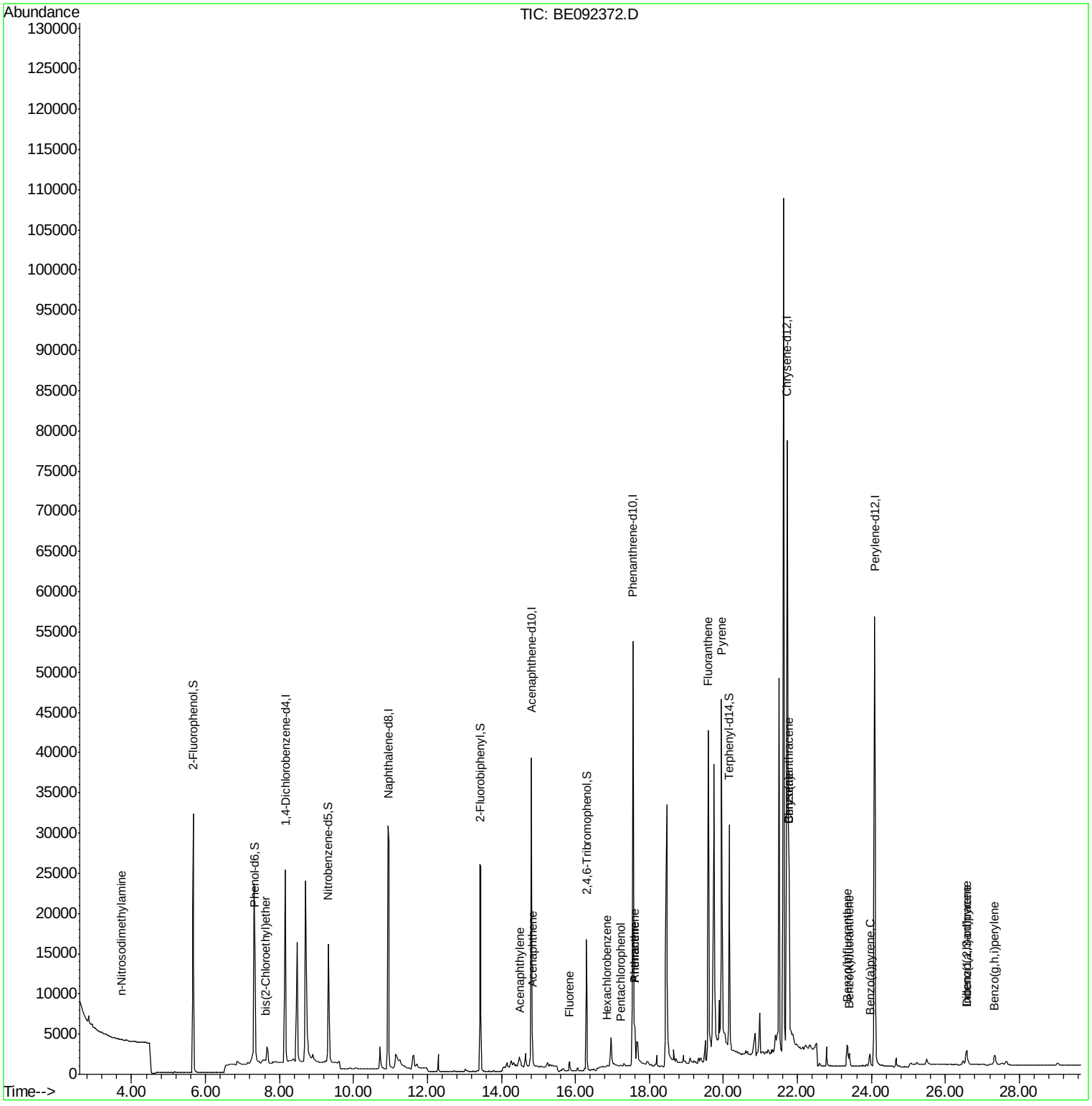
(#) = qualifier out of range (m) = manual integration (+) = signals summed

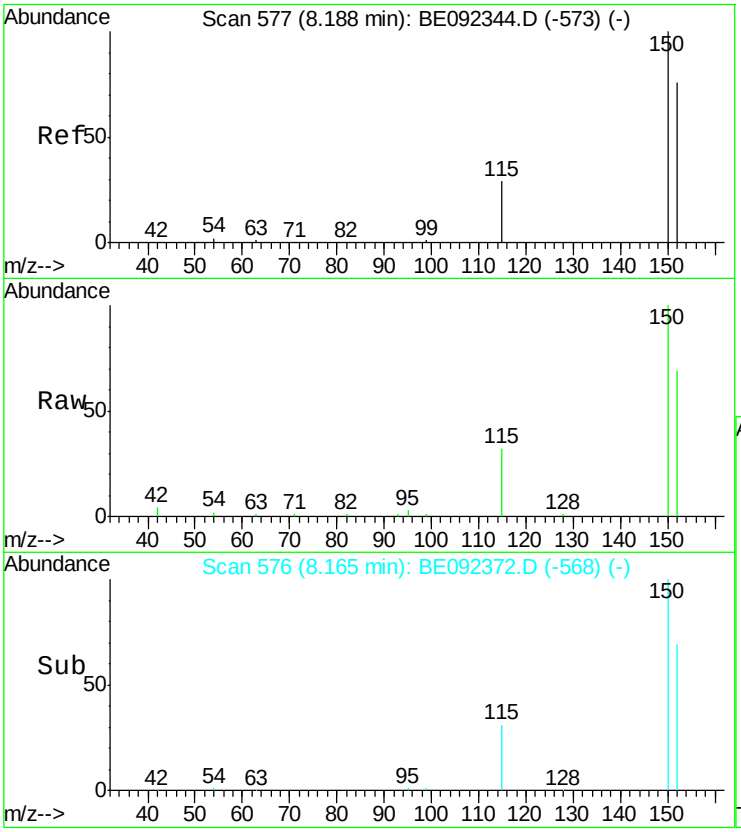
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\Data\BE091216\
Data File : BE092372.D
Acq On : 12 Sep 2016 15:21
Operator : UM/SJ
Sample : PB93350BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 12 16:35:46 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 19:34:51 2016
Response via : Initial Calibration



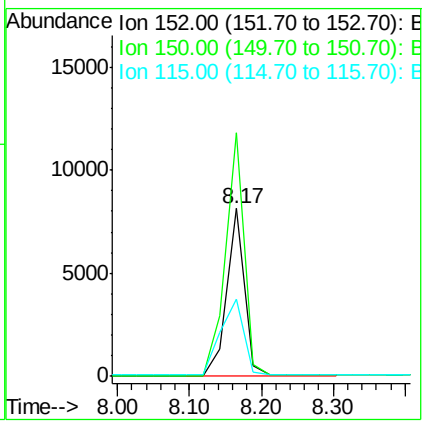


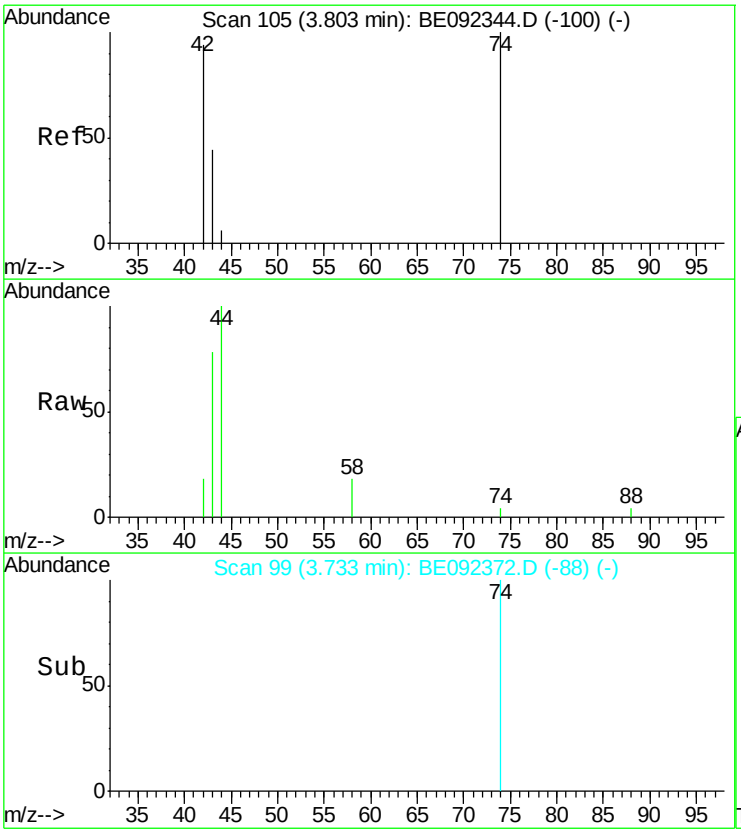
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.02 min
Lab File: BE092372.D
Acq: 12 Sep 2016 15:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 13690

Ion	Ratio	Lower	Upper
152	100		
150	145.2	106.0	159.0
115	46.2	31.2	46.8

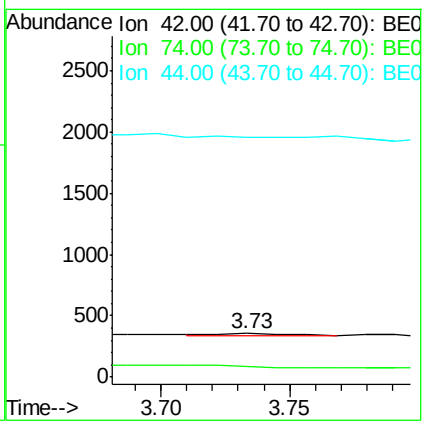


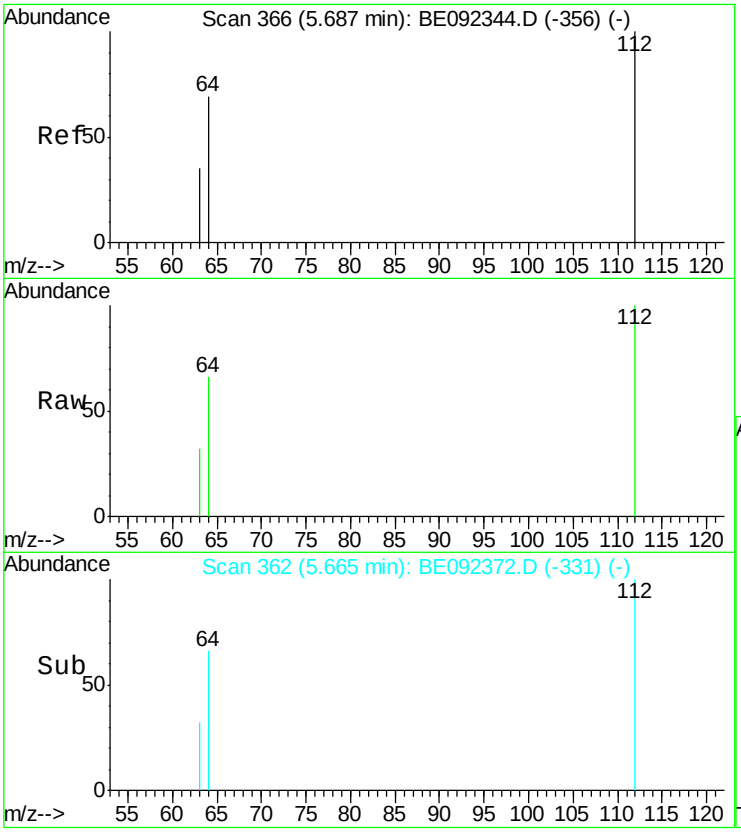


#3
n-Nitrosodimethylamine
Concen: 0.09 ng
RT: 3.73 min Scan# 99
Delta R.T. -0.07 min
Lab File: BE092372.D
Acq: 12 Sep 2016 15:21

Tgt Ion: 42 Resp: 22

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



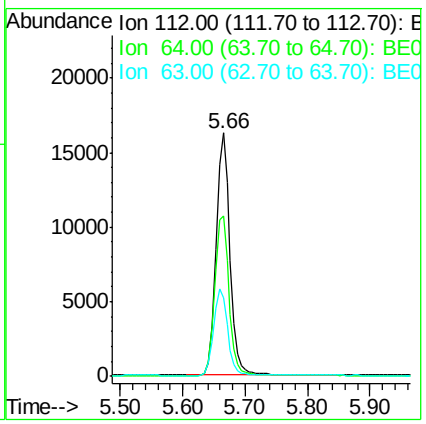


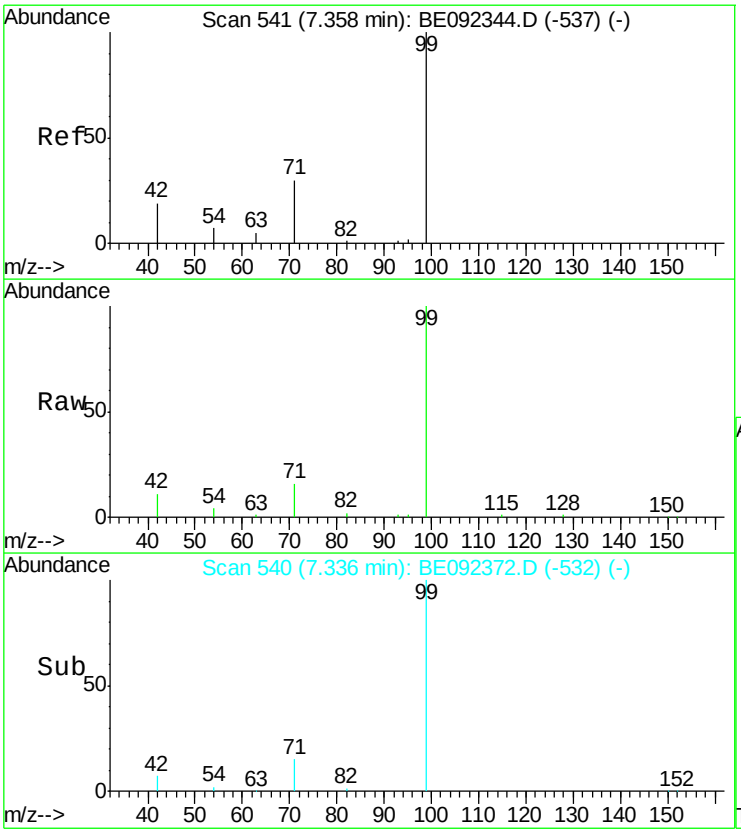
#4
2-Fluorophenol
Concen: 7.64 ng
RT: 5.66 min Scan# 362
Delta R.T. -0.02 min
Lab File: BE092372.D
Acq: 12 Sep 2016 15:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 24873

Ion	Ratio	Lower	Upper
112	100		
64	68.1	53.5	80.3
63	36.0	27.9	41.9

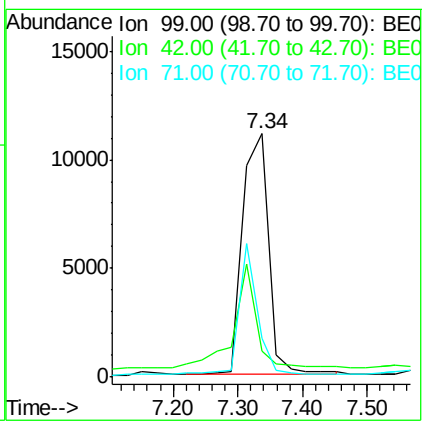


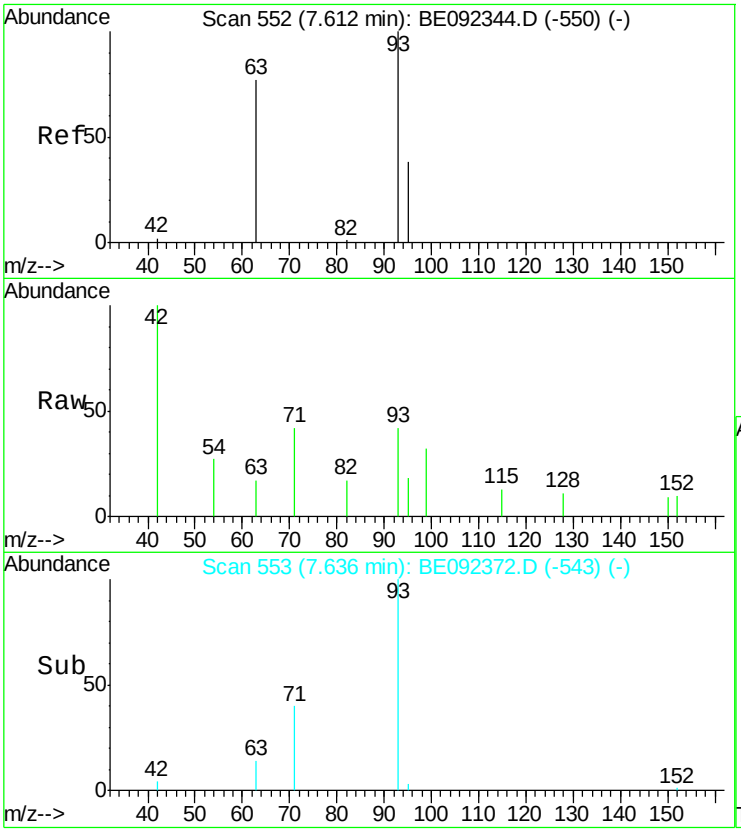


#5
Phenol-d6
Concen: 7.17 ng
RT: 7.34 min Scan# 540
Delta R.T. -0.02 min
Lab File: BE092372.D
Acq: 12 Sep 2016 15:21

Tgt Ion: 99 Resp: 31142

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



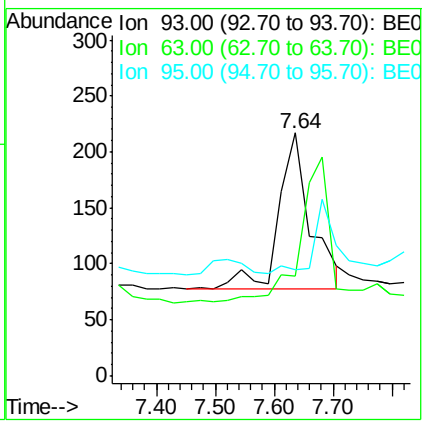


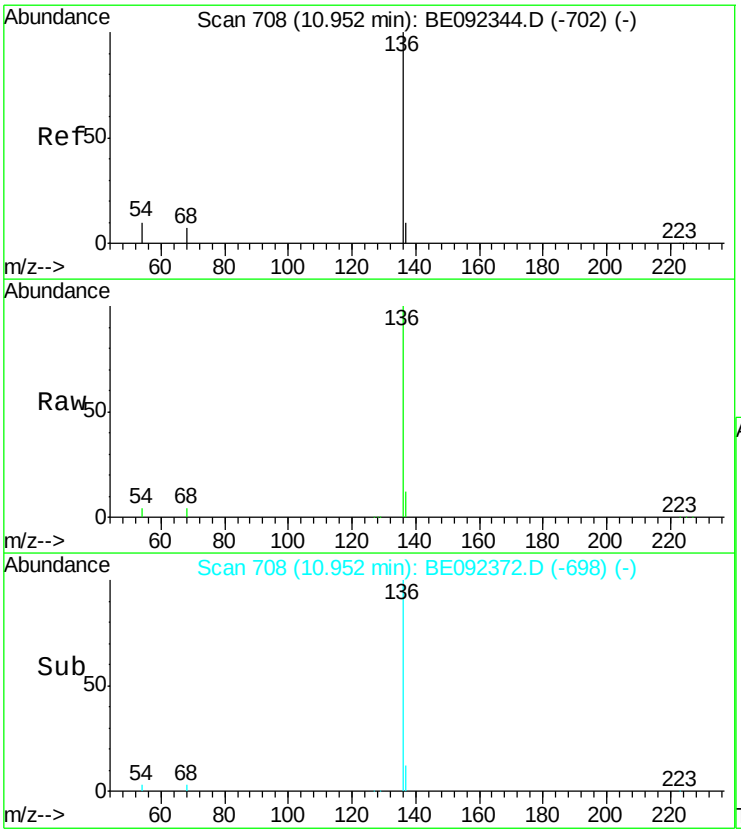
#6
bis(2-Chloroethyl)ether
Concen: 0.19 ng
RT: 7.64 min Scan# 553
Delta R.T. 0.02 min
Lab File: BE092372.D
Acq: 12 Sep 2016 15:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 93 Resp: 510

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

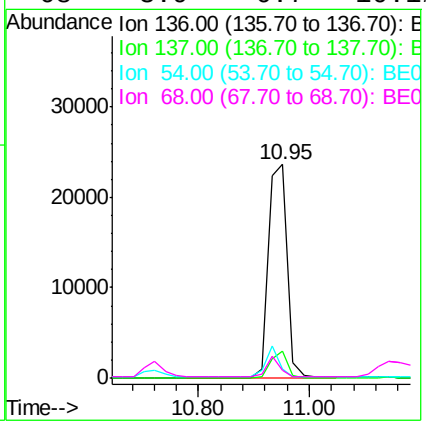


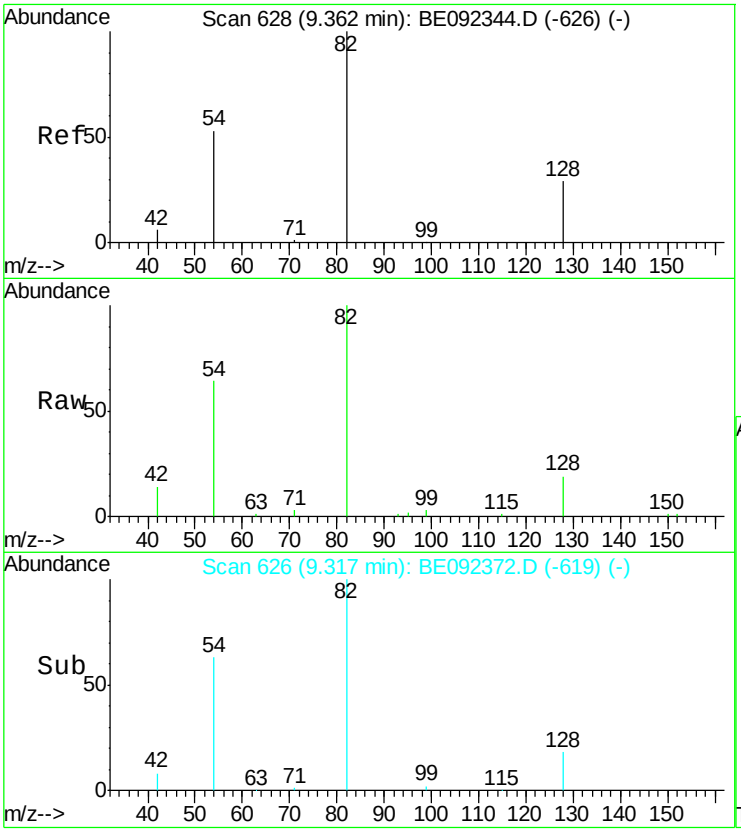


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.95 min Scan# 708
Delta R.T. -0.00 min
Lab File: BE092372.D
Acq: 12 Sep 2016 15:21

Tgt Ion:136 Resp: 56340

Ion	Ratio	Lower	Upper
136	100		
137	12.3	8.2	12.4
54	4.3	9.6	14.4#
68	3.9	6.7	10.1#



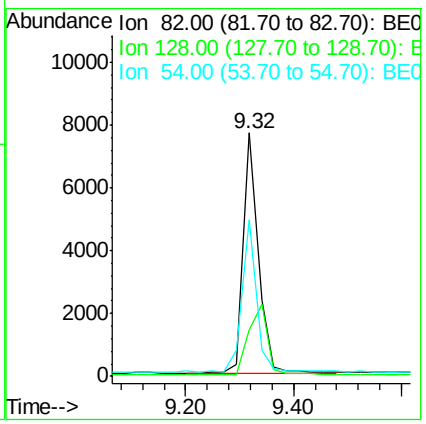


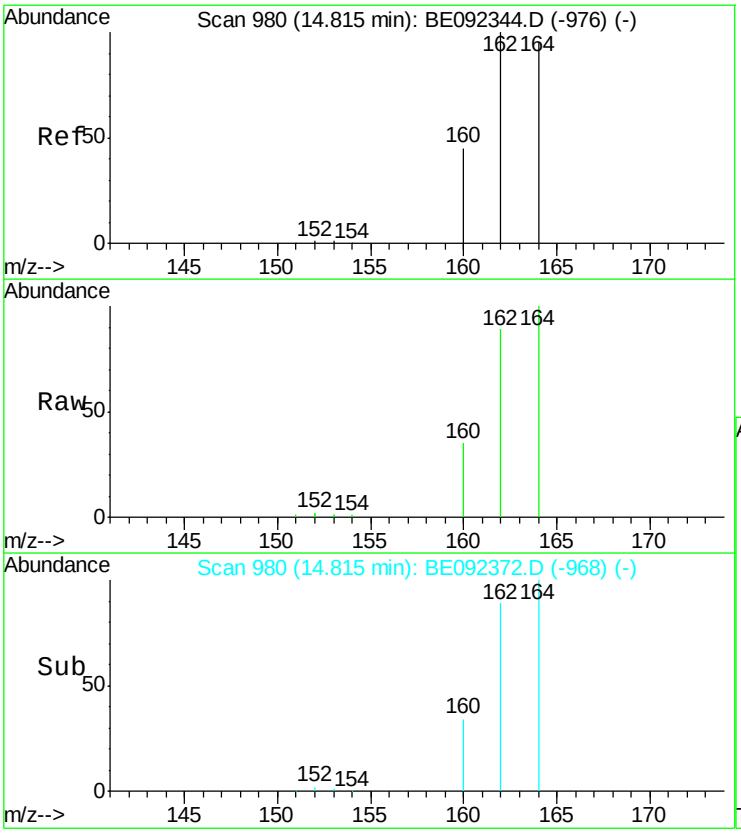
#8
Nitrobenzene-d5
Concen: 3.69 ng
RT: 9.32 min Scan# 626
Delta R.T. -0.05 min
Lab File: BE092372.D
Acq: 12 Sep 2016 15:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 14935

Ion	Ratio	Lower	Upper
82	100		
128	18.8	39.0	58.4#
54	64.4	44.8	67.2

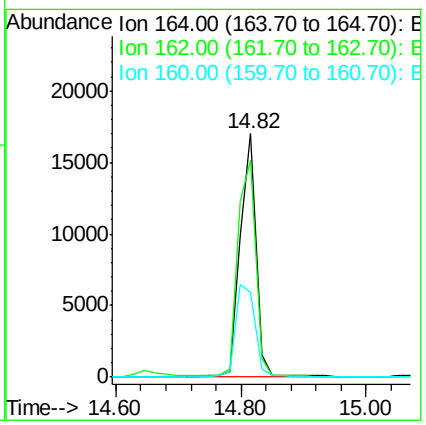


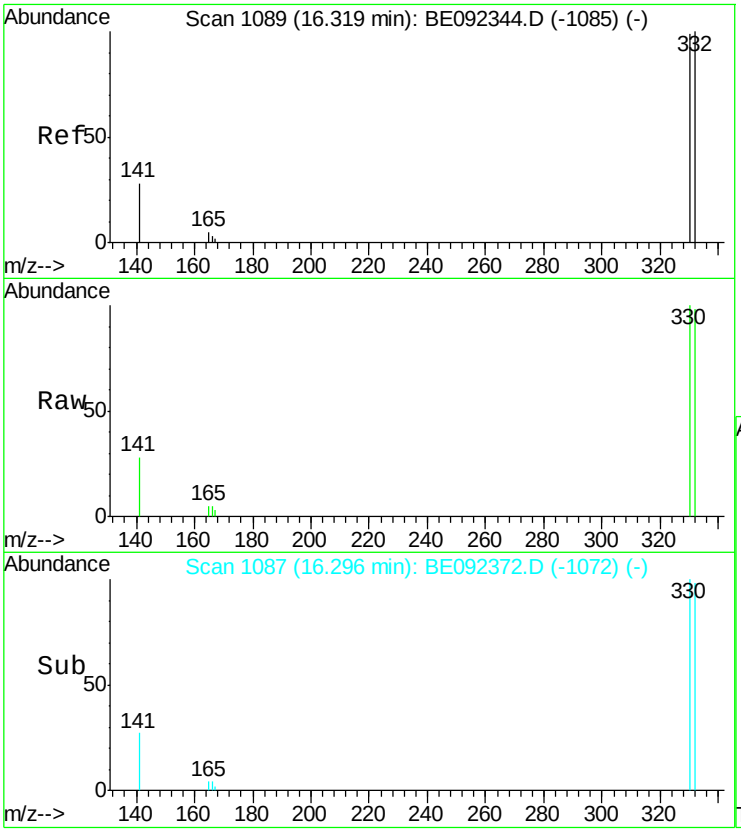


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.82 min Scan# 980
Delta R.T. 0.00 min
Lab File: BE092372.D
Acq: 12 Sep 2016 15:21

Tgt Ion:164 Resp: 29542

Ion	Ratio	Lower	Upper
164	100		
162	89.1	71.4	107.0
160	34.6	27.4	41.2



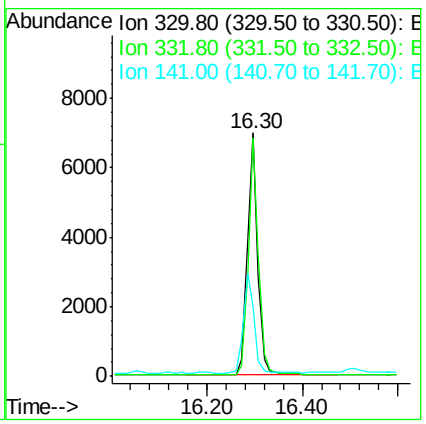


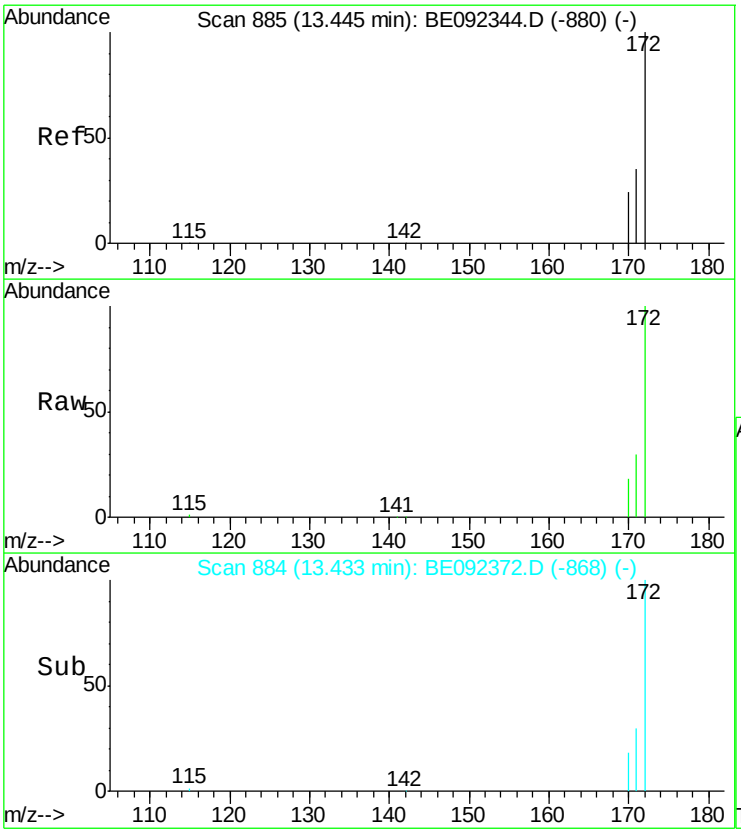
#13
2,4,6-Tribromophenol
Concen: 11.45 ng
RT: 16.30 min Scan# 1087
Delta R.T. -0.02 min
Lab File: BE092372.D
Acq: 12 Sep 2016 15:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 10479

Ion	Ratio	Lower	Upper
330	100		
332	96.6	75.4	113.0
141	42.3	31.0	46.6

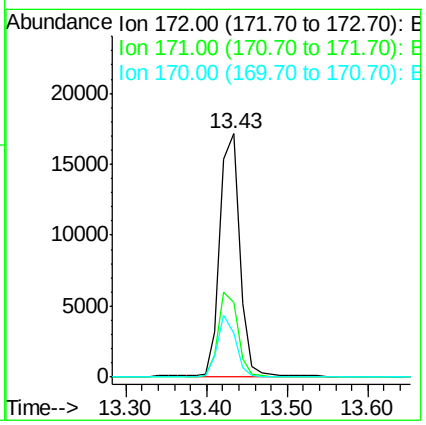


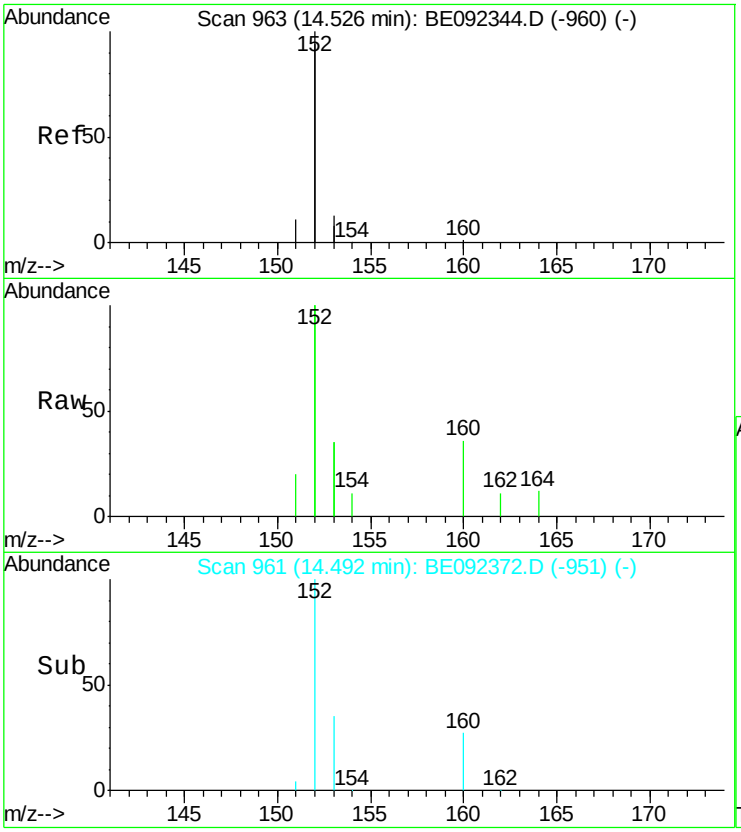


#14
2-Fluorobiphenyl
Concen: 3.23 ng
RT: 13.43 min Scan# 884
Delta R.T. -0.01 min
Lab File: BE092372.D
Acq: 12 Sep 2016 15:21

Tgt Ion:172 Resp: 29255

Ion	Ratio	Lower	Upper
172	100		
171	30.5	30.1	45.1
170	18.3	21.8	32.6#



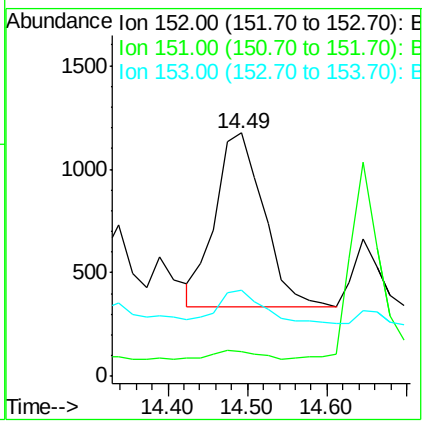


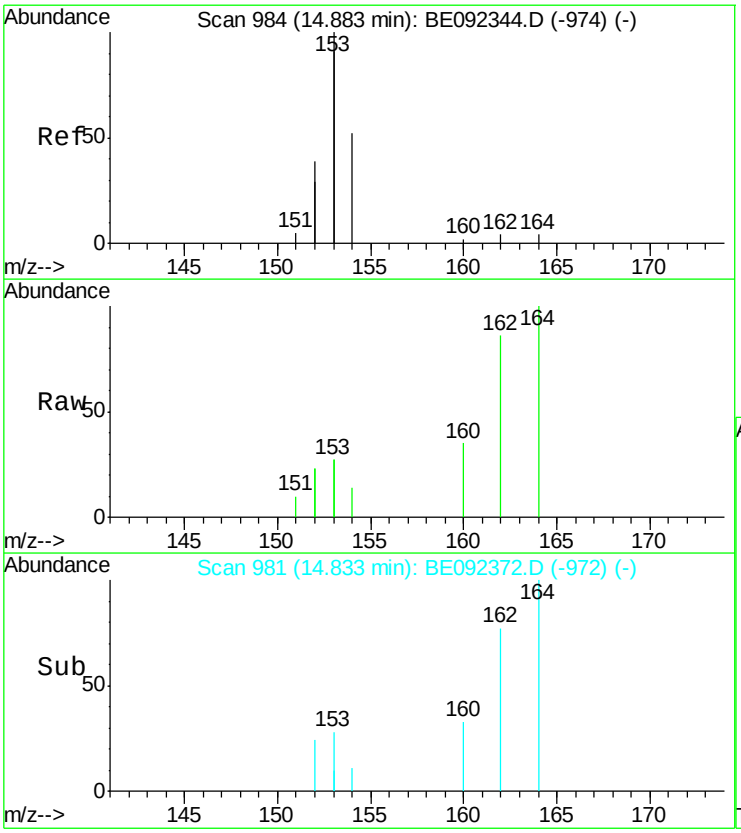
#15
Acenaphthylene
Concen: 0.07 ng
RT: 14.49 min Scan# 961
Delta R.T. -0.03 min
Lab File: BE092372.D
Acq: 12 Sep 2016 15:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3536

Ion	Ratio	Lower	Upper
152	100		
151	4.8	3.9	5.9
153	16.9	10.4	15.6#

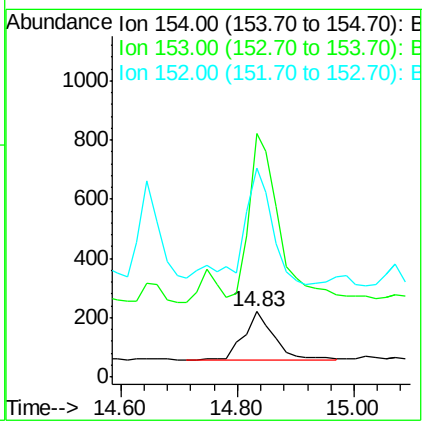


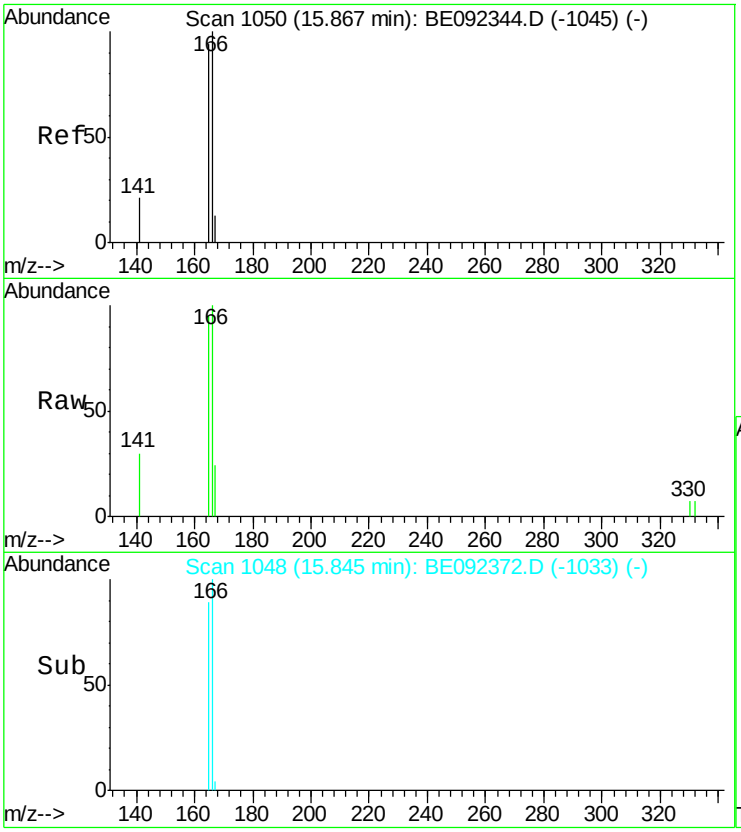


#16
Acenaphthene
Concen: 0.07 ng
RT: 14.83 min Scan# 981
Delta R.T. -0.05 min
Lab File: BE092372.D
Acq: 12 Sep 2016 15:21

Tgt Ion:154 Resp: 577

Ion	Ratio	Lower	Upper
154	100		
153	339.3	350.8	526.2#
152	217.5	171.1	256.7



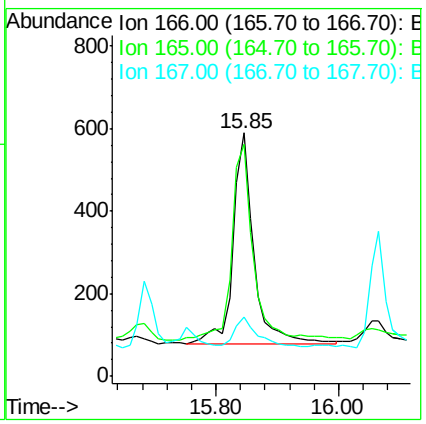


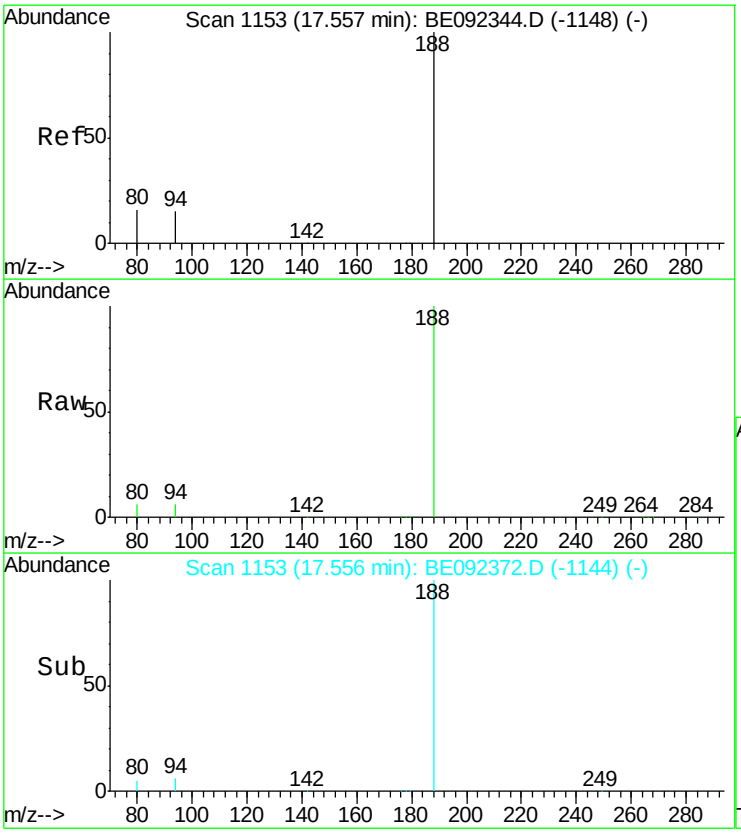
#17
Fluorene
Concen: 0.12 ng
RT: 15.85 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BE092372.D
Acq: 12 Sep 2016 15:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 1209

Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.2	117.4
167	14.5	11.0	16.4

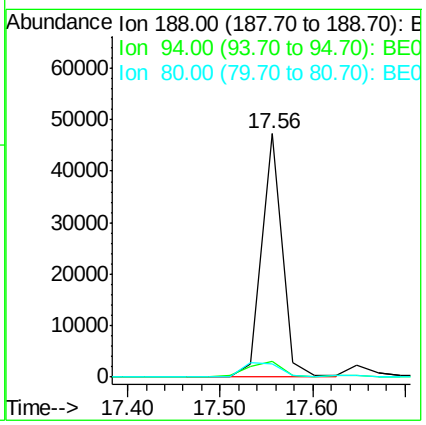


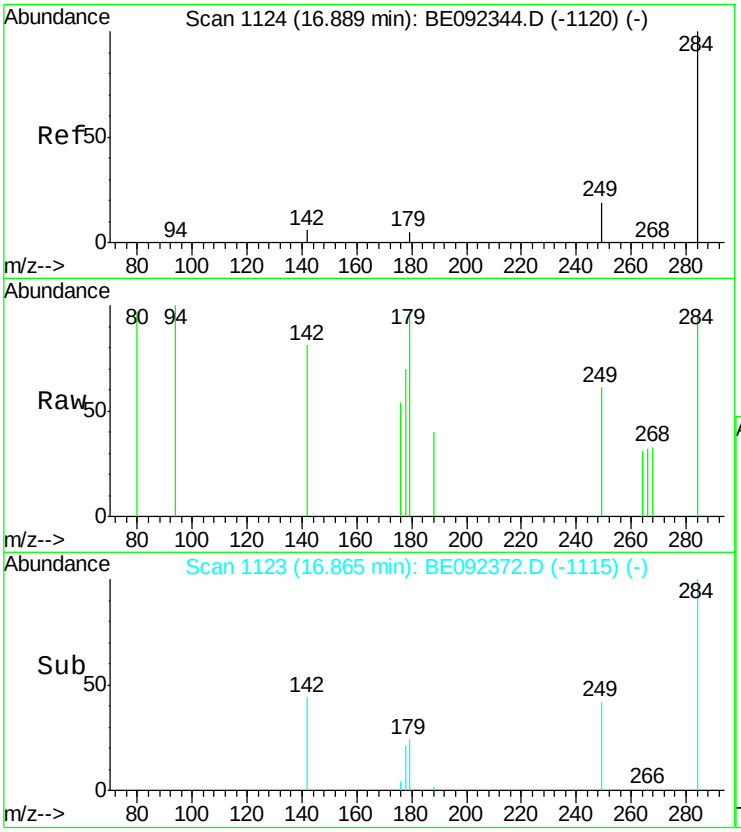


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BE092372.D
Acq: 12 Sep 2016 15:21

Tgt Ion:188 Resp: 73398

Ion	Ratio	Lower	Upper
188	100		
94	6.4	3.2	4.8#
80	5.6	2.6	3.8#



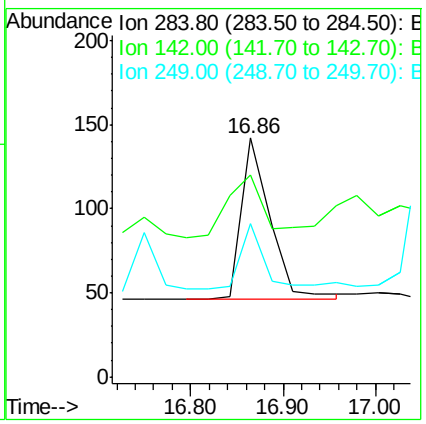


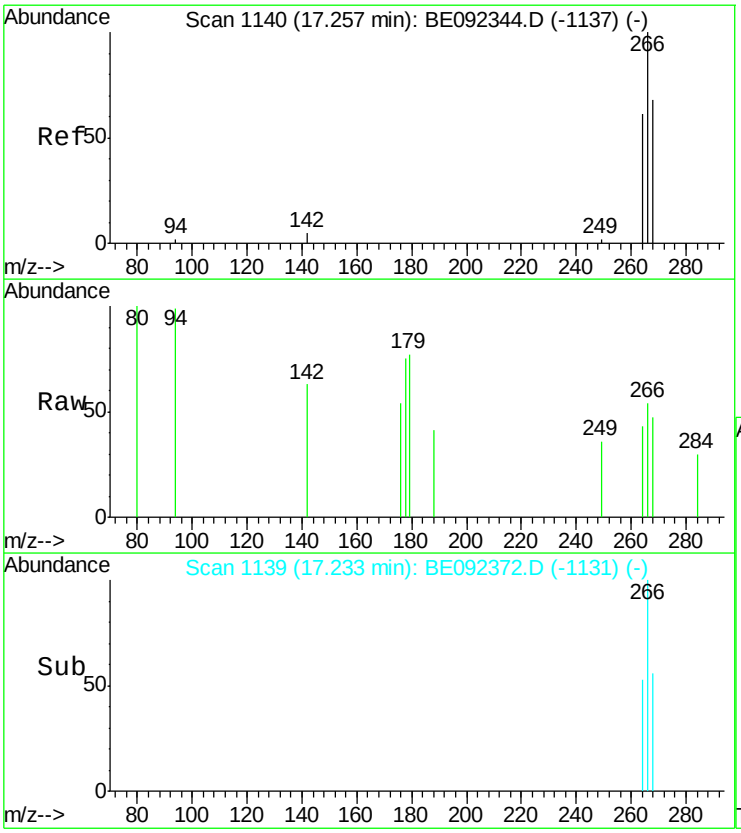
#19
Hexachlorobenzene
Concen: 0.06 ng
RT: 16.86 min Scan# 1123
Delta R.T. -0.02 min
Lab File: BE092372.D
Acq: 12 Sep 2016 15:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 211

Ion	Ratio	Lower	Upper
284	100		
142	48.3	29.1	43.7#
249	34.1	27.9	41.9

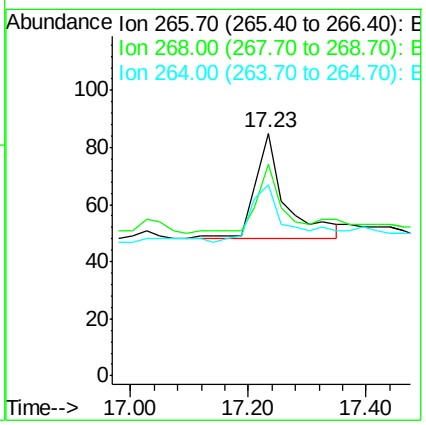


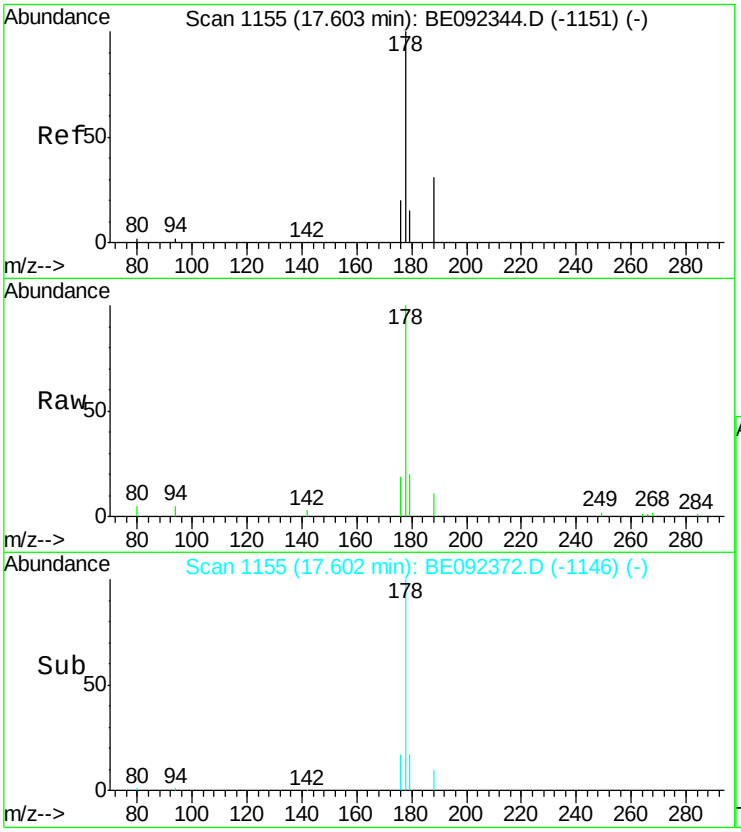


#20
Pentachlorophenol
Concen: 0.24 ng
RT: 17.23 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BE092372.D
Acq: 12 Sep 2016 15:21

Tgt Ion:266 Resp: 133

Ion	Ratio	Lower	Upper
266	100		
268	87.1	62.5	93.7
264	78.8	57.2	85.8



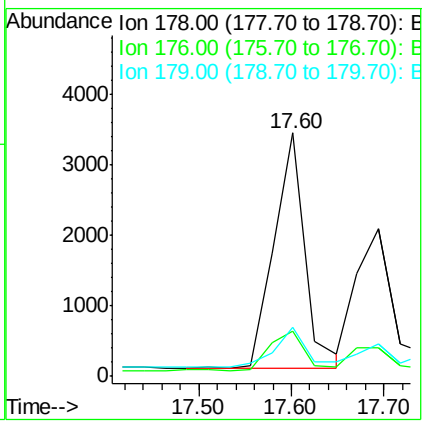


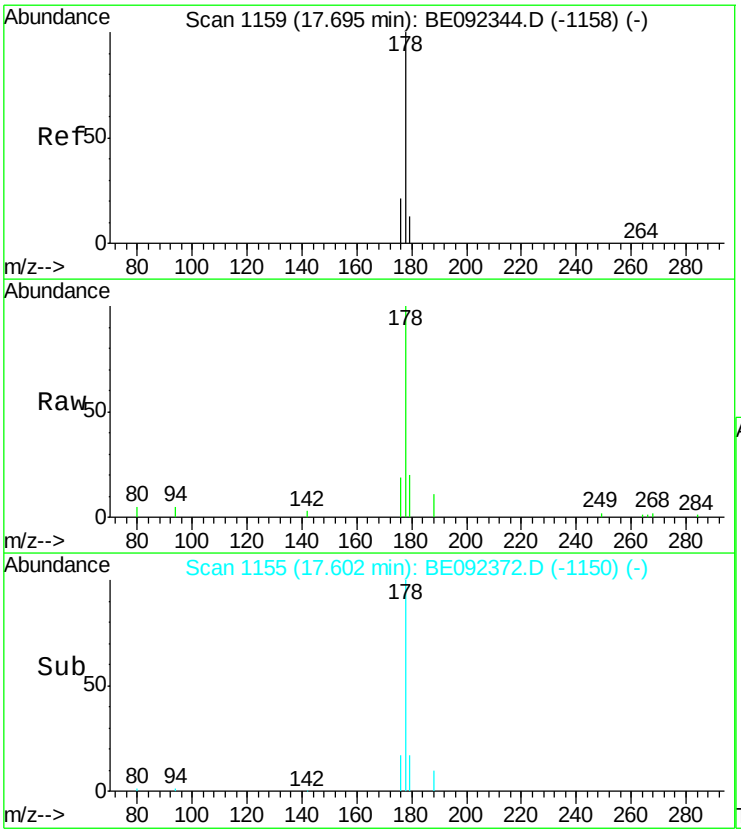
#21
Phenanthrene
Concen: 0.38 ng
RT: 17.60 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BE092372.D
Acq: 12 Sep 2016 15:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 7841

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	18.1	16.0	24.0

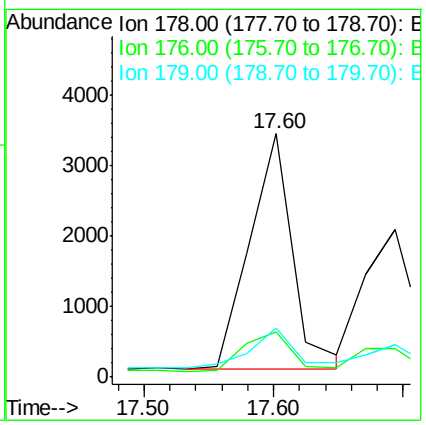


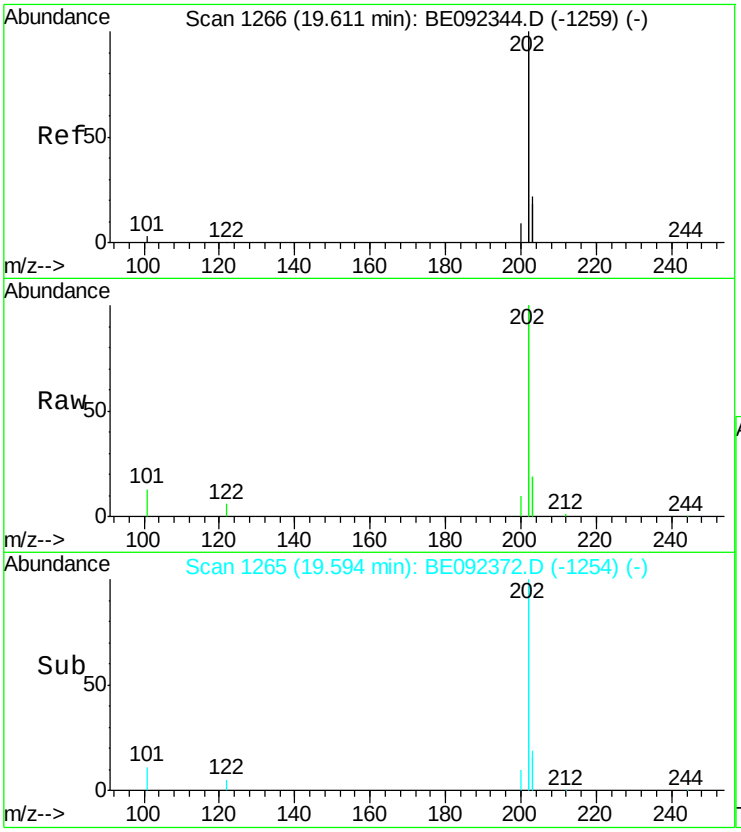


#22
Anthracene
Concen: 0.42 ng
RT: 17.60 min Scan# 1155
Delta R.T. -0.09 min
Lab File: BE092372.D
Acq: 12 Sep 2016 15:21

Tgt Ion:178 Resp: 7674

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.0	22.4
179	17.7	12.2	18.2



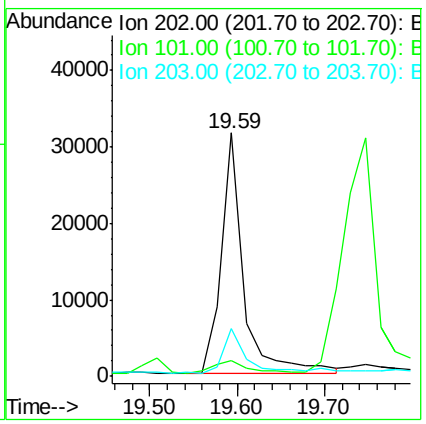


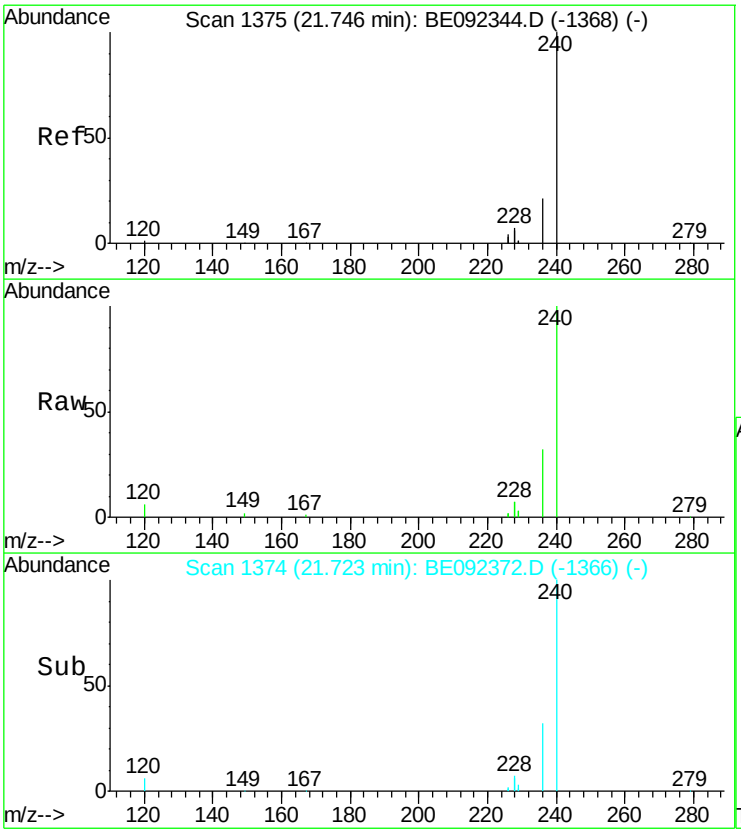
#23
Fluoranthene
Concen: 0.63 ng
RT: 19.59 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BE092372.D
Acq: 12 Sep 2016 15:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 56509

Ion	Ratio	Lower	Upper
202	100		
101	8.0	2.2	3.4#
203	18.0	13.7	20.5

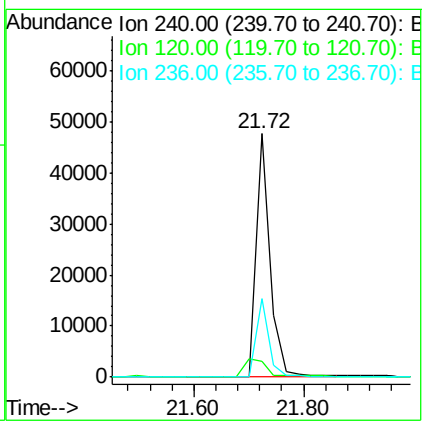


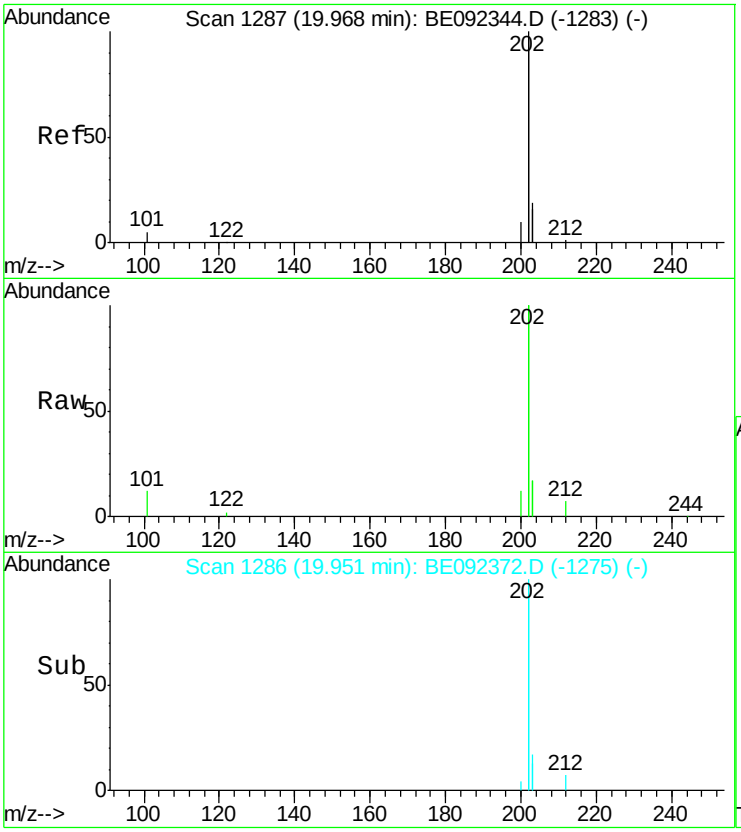


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.02 min
Lab File: BE092372.D
Acq: 12 Sep 2016 15:21

Tgt Ion:240 Resp: 84847

Ion	Ratio	Lower	Upper
240	100		
120	6.4	2.6	4.0#
236	32.1	24.6	37.0



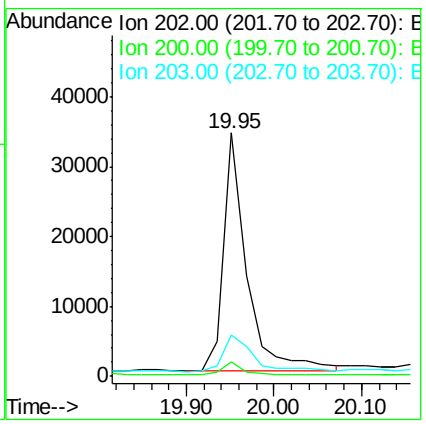


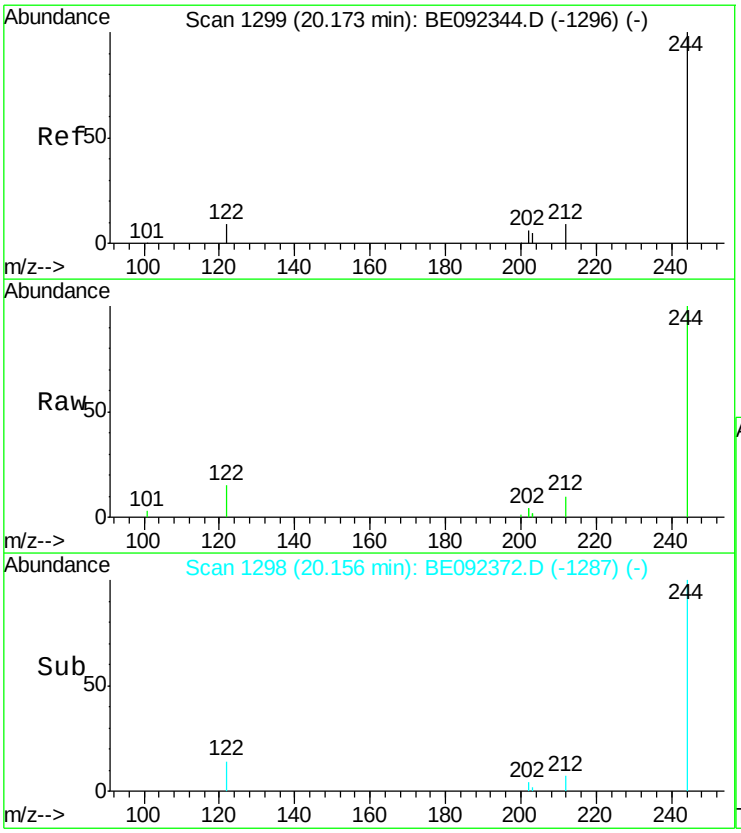
#25
Pyrene
Concen: 0.78 ng
RT: 19.95 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BE092372.D
Acq: 12 Sep 2016 15:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 63978

Ion	Ratio	Lower	Upper
202	100		
200	4.8	4.2	6.4
203	19.6	13.9	20.9

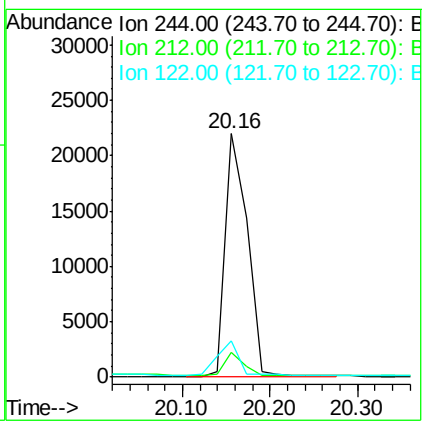


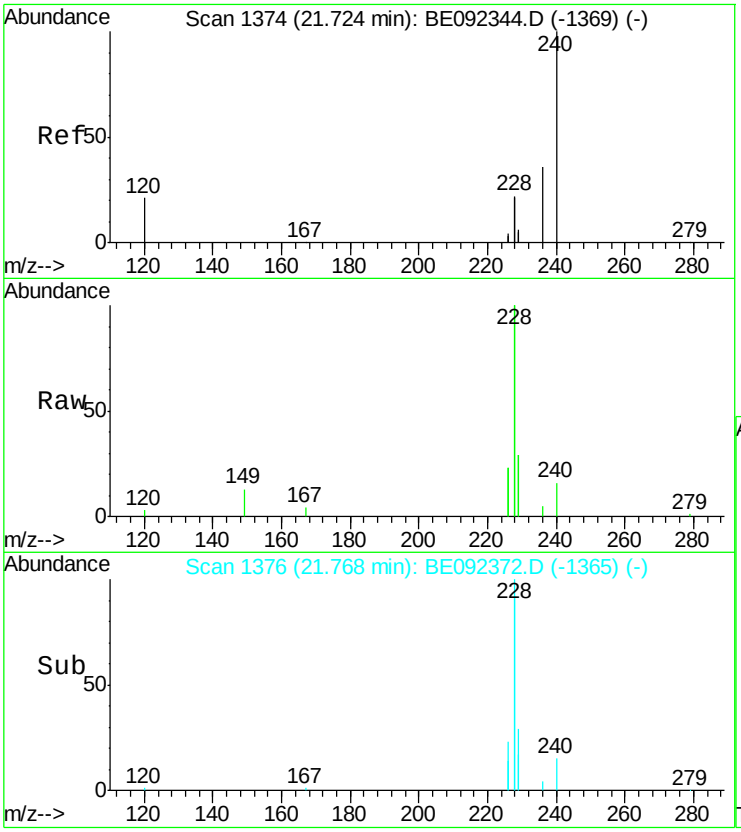


#26
Terphenyl-d14
Concen: 3.05 ng
RT: 20.16 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BE092372.D
Acq: 12 Sep 2016 15:21

Tgt Ion:244 Resp: 38336

Ion	Ratio	Lower	Upper
244	100		
212	9.9	6.7	10.1
122	15.1	3.6	5.4#



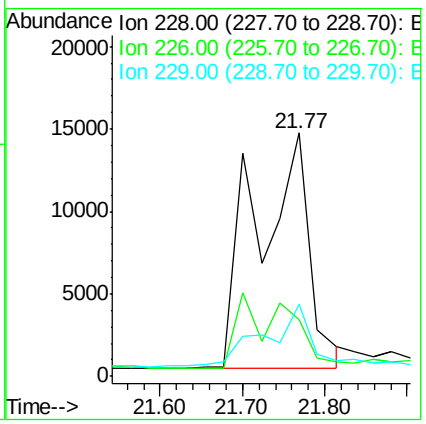


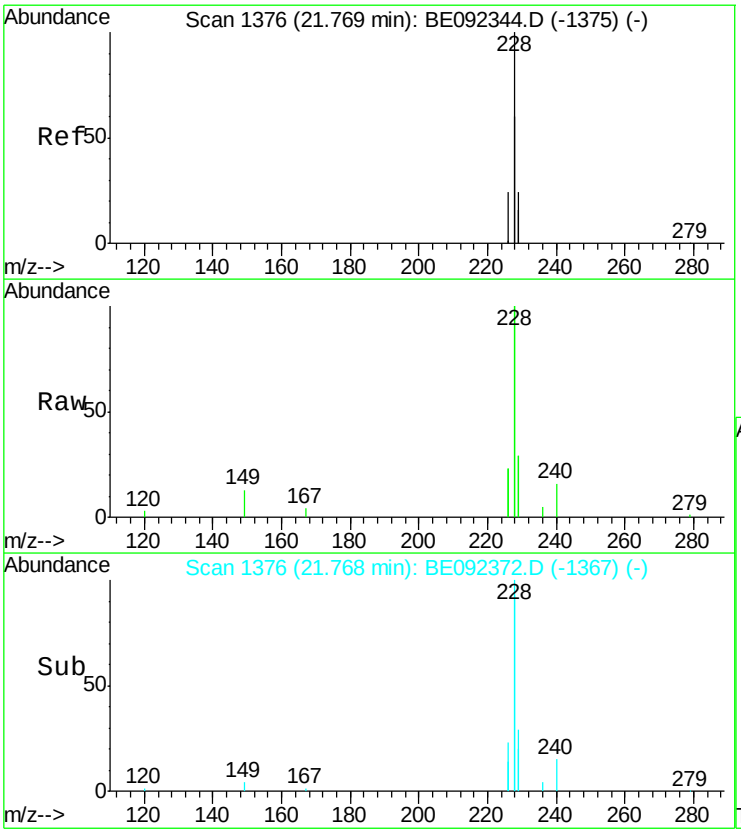
#27
Benzo(a)anthracene
Concen: 0.69 ng
RT: 21.77 min Scan# 1376
Delta R.T. 0.04 min
Lab File: BE092372.D
Acq: 12 Sep 2016 15:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 63355

Ion	Ratio	Lower	Upper
228	100		
226	23.1	23.6	35.4#
229	29.5	13.3	19.9#

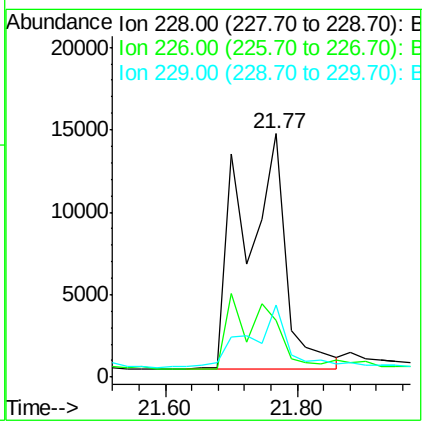


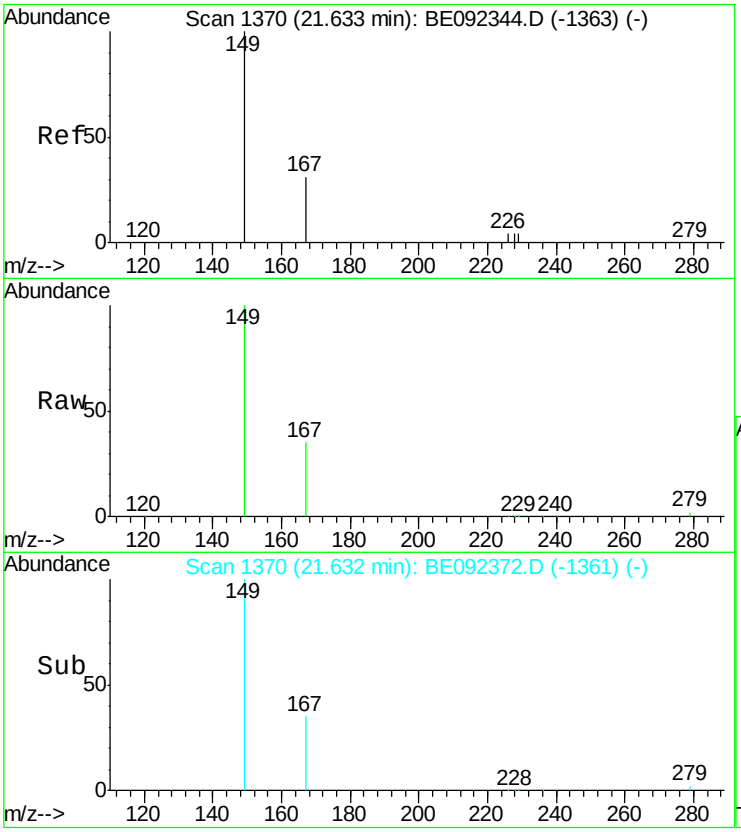


#28
Chrysene
Concen: 0.68 ng
RT: 21.77 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BE092372.D
Acq: 12 Sep 2016 15:21

Tgt Ion:228 Resp: 65755

Ion	Ratio	Lower	Upper
228	100		
226	23.1	36.3	54.5#
229	29.5	10.6	16.0#



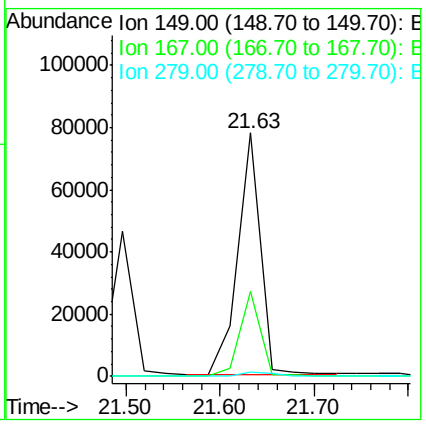


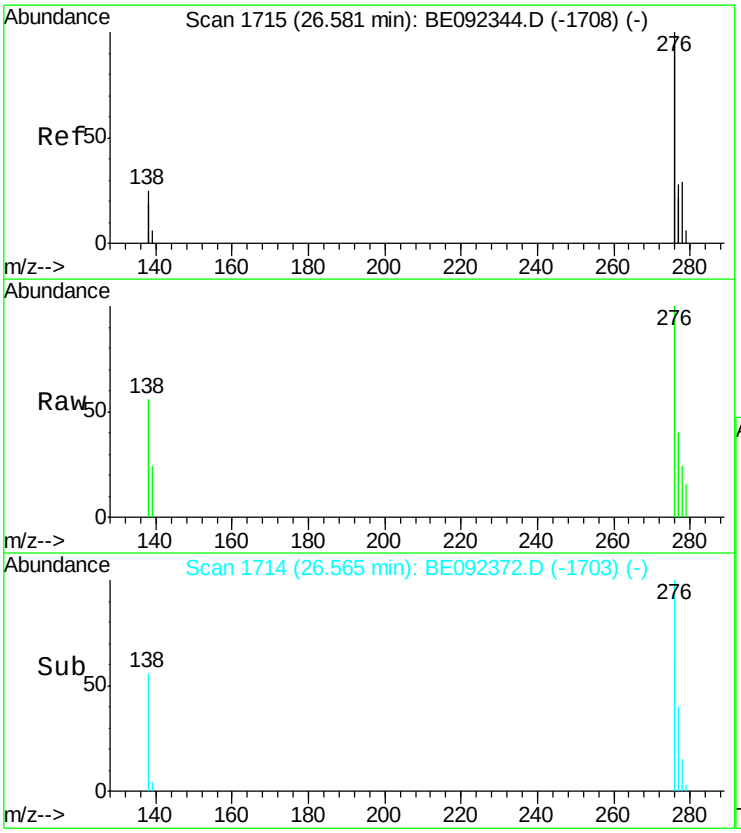
#29
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 21.63 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BE092372.D
Acq: 12 Sep 2016 15:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 130617

Ion	Ratio	Lower	Upper
149	100		
167	31.7	16.0	24.0#
279	2.5	16.0	24.0#

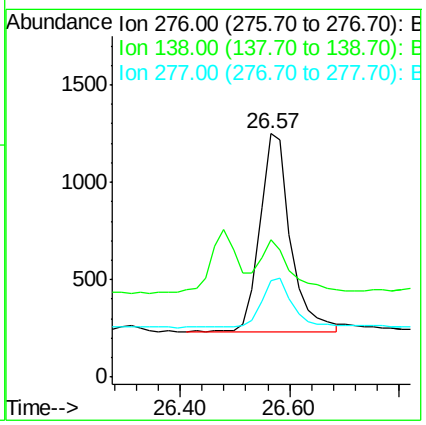


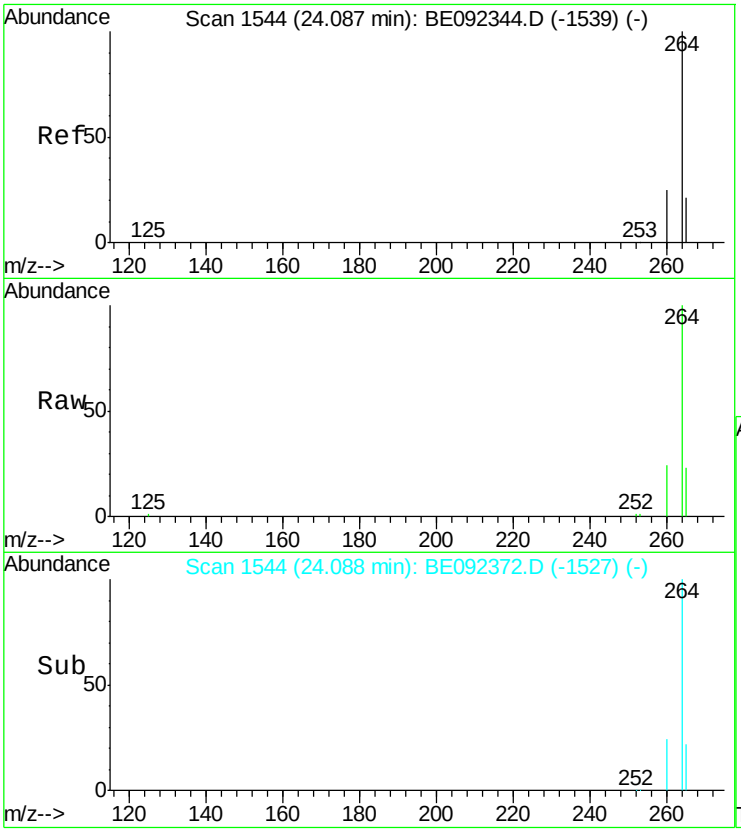


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.04 ng
RT: 26.57 min Scan# 1714
Delta R.T. -0.02 min
Lab File: BE092372.D
Acq: 12 Sep 2016 15:21

Tgt Ion:276 Resp: 3985

Ion	Ratio	Lower	Upper
276	100		
138	22.7	20.3	30.5
277	26.4	19.7	29.5



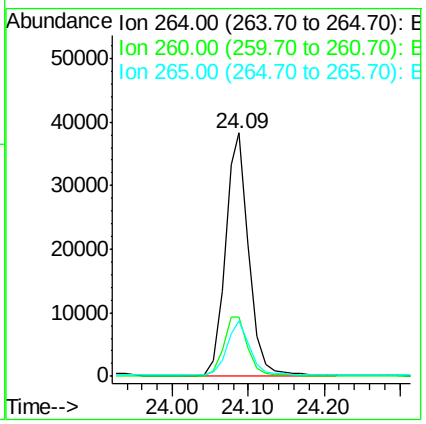


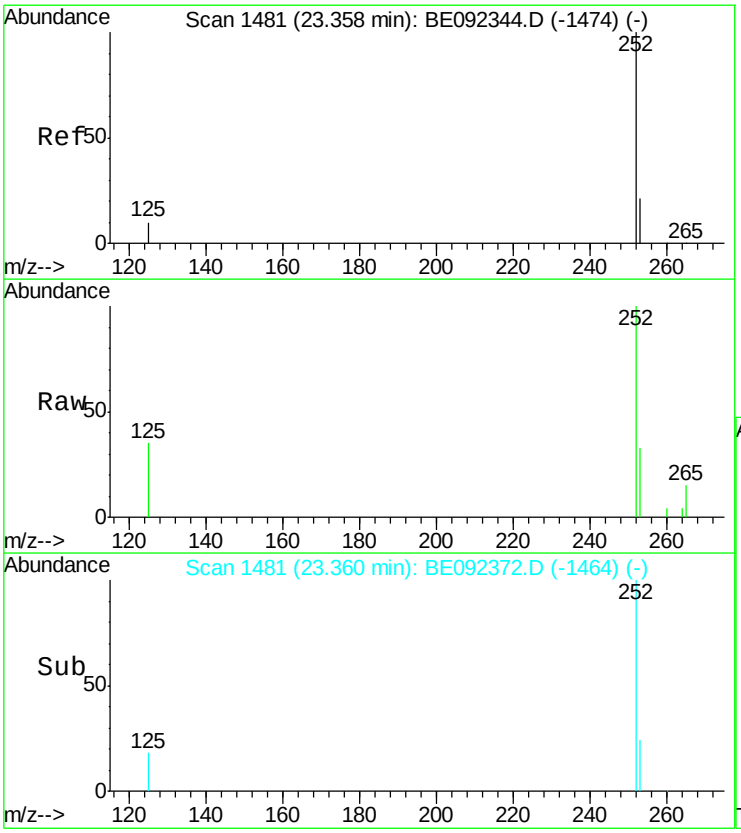
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.09 min Scan# 1544
Delta R.T. 0.00 min
Lab File: BE092372.D
Acq: 12 Sep 2016 15:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 82527

Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.1	30.1
265	22.6	17.9	26.9

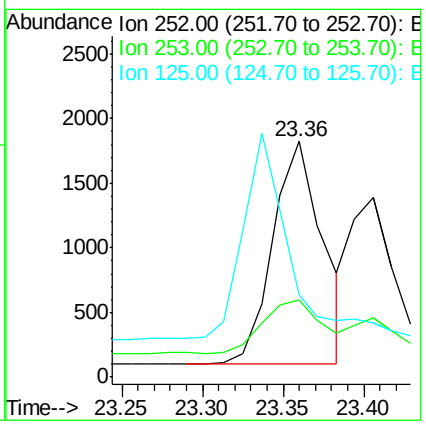


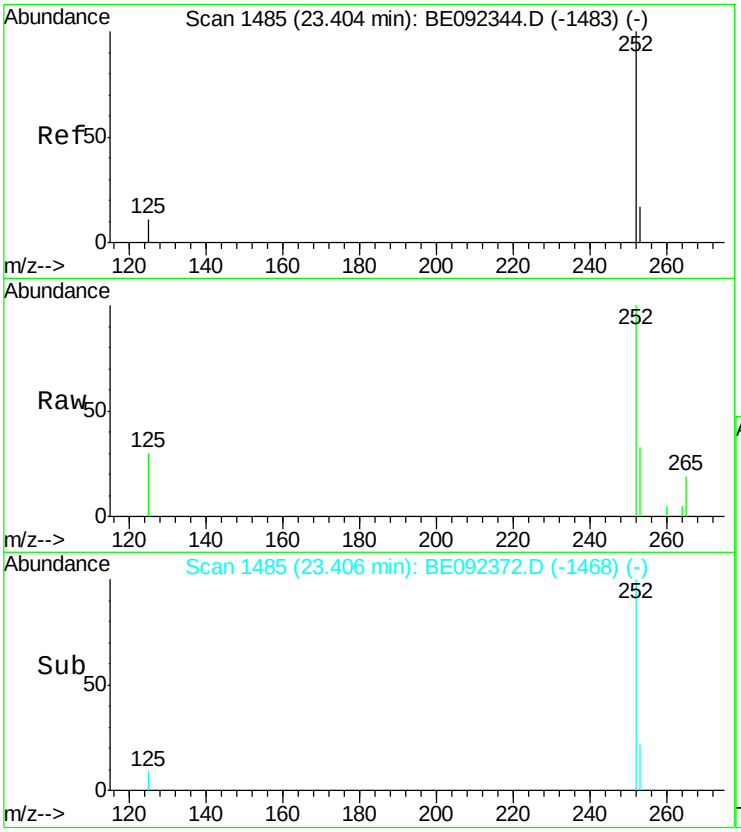


#32
Benzo(b)fluoranthene
Concen: 0.17 ng
RT: 23.36 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BE092372.D
Acq: 12 Sep 2016 15:21

Tgt Ion:252 Resp: 3698

Ion	Ratio	Lower	Upper
252	100		
253	32.7	18.7	28.1#
125	35.1	10.5	15.7#



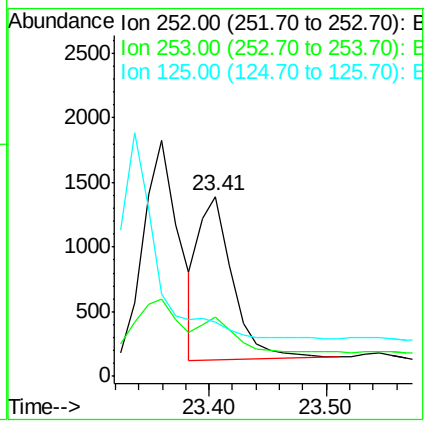


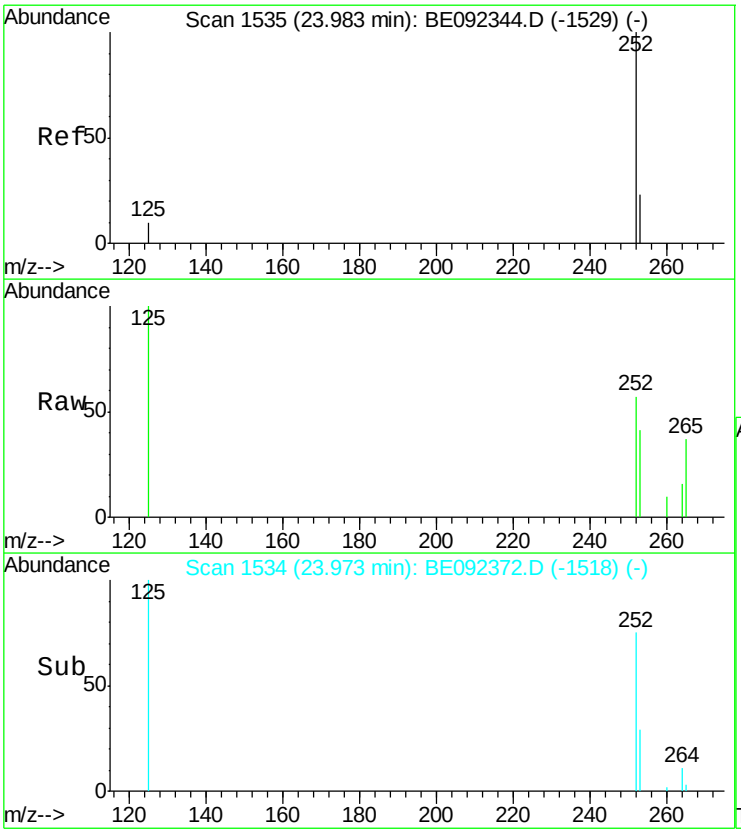
#33
Benzo(k)fluoranthene
Concen: 0.11 ng
RT: 23.41 min Scan# 1485
Delta R.T. 0.00 min
Lab File: BE092372.D
Acq: 12 Sep 2016 15:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 2527

Ion	Ratio	Lower	Upper
252	100		
253	33.2	20.3	30.5#
125	30.2	9.6	14.4#

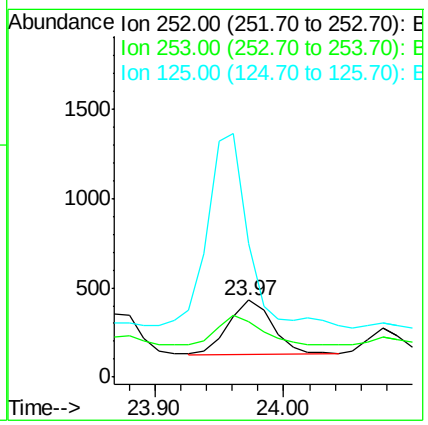


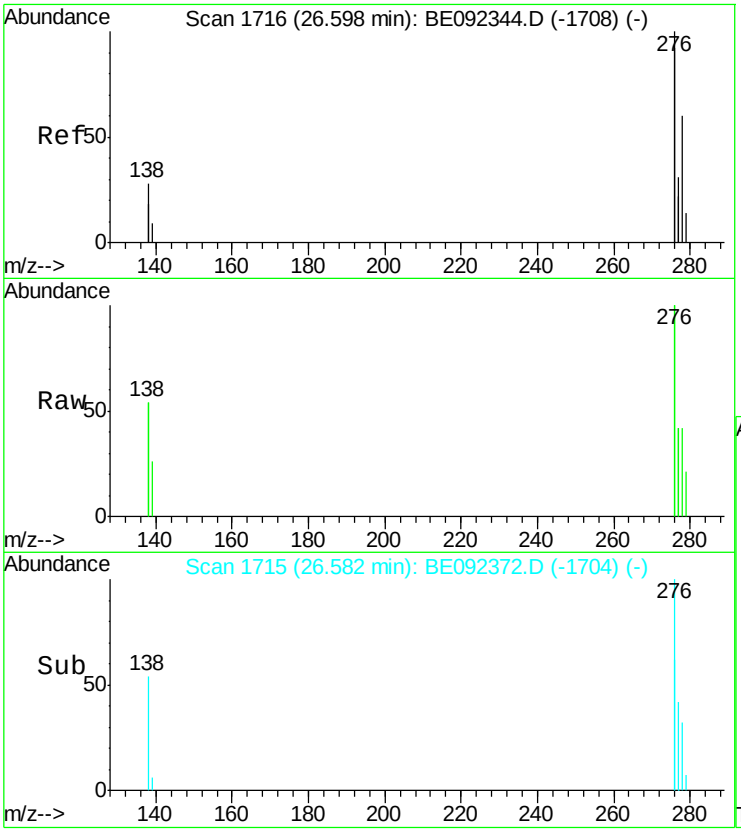


#34
Benzo(a)pyrene
Concen: 0.04 ng
RT: 23.97 min Scan# 1534
Delta R.T. -0.01 min
Lab File: BE092372.D
Acq: 12 Sep 2016 15:21

Tgt Ion:252 Resp: 747

Ion	Ratio	Lower	Upper
252	100		
253	71.5	19.0	28.6#
125	174.2	11.8	17.8#



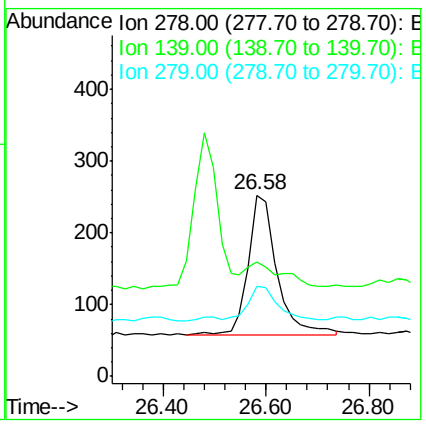


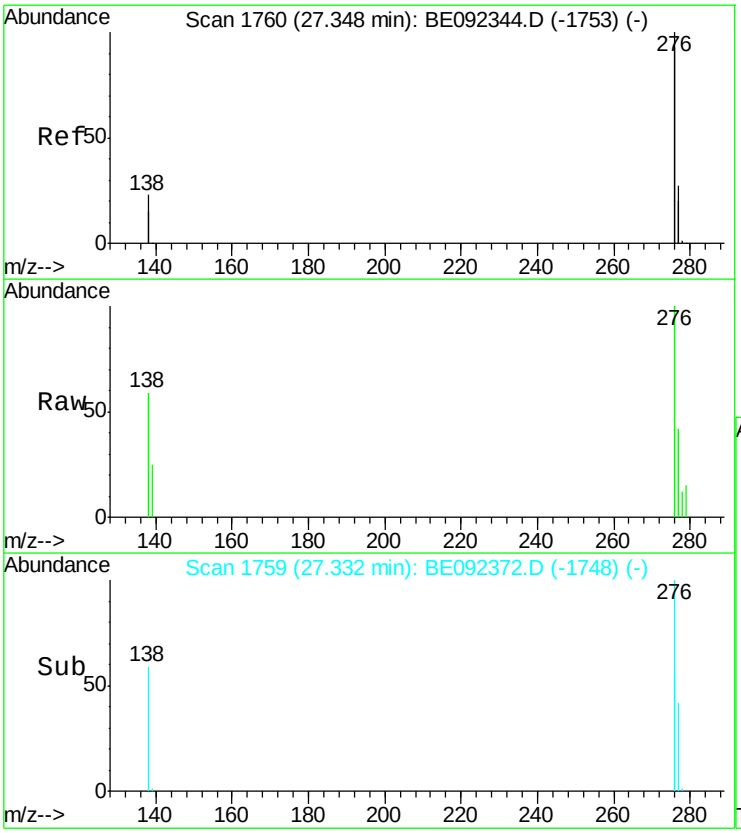
#35
Dibenzo(a,h)anthracene
Concen: 0.04 ng
RT: 26.58 min Scan# 1715
Delta R.T. -0.02 min
Lab File: BE092372.D
Acq: 12 Sep 2016 15:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 746

Ion	Ratio	Lower	Upper
278	100		
139	63.2	13.8	20.8#
279	49.4	21.4	32.2#





#36
Benzo(g,h,i)perylene
Concen: 0.04 ng
RT: 27.33 min Scan# 1759
Delta R.T. -0.02 min
Lab File: BE092372.D
Acq: 12 Sep 2016 15:21

Tgt Ion:276 Resp: 3280

Ion	Ratio	Lower	Upper
276	100		
277	42.2	19.8	29.8#
138	58.8	19.8	29.6#