Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE082916\
Data File : BE092288.D
Acq On : 29 Aug 2016 13:57
Operator : UM/SJ
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Aug 29 14:48:26 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE082916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 29 14:46:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	10288	5.00	ng		0.00
7) Naphthalene-d8	10.97	136	46235	5.00	ng		0.00
12) Acenaphthene-d10	14.83	164	25535	5.00	ng		0.00
18) Phenanthrene-d10	17.58	188	63098	5.00	ng		0.00
24) Chrysene-d12	21.75	240	75362	5.00	ng		0.00
31) Perylene-d12	24.12	264	70245	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.69	112	1685	0.75	ng		-0.01
5) Phenol-d6	7.36	99	2225	0.69	ng		-0.02
8) Nitrobenzene-d5	9.36	82	2131	0.65	ng		0.00
13) 2,4,6-Tribromophenol	16.32	330	511	0.67	ng		-0.01
14) 2-Fluorobiphenyl	13.45	172	6335	0.80	ng		-0.01
26) Terphenyl-d14	20.19	244	7946	0.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	1071	0.82	ng		95
3) n-Nitrosodimethylamine	3.79	42	1220	0.77	ng		100
6) bis(2-Chloroethyl)ether	7.61	93	1933	0.74	ng		99
9) Naphthalene	11.01	128	8138	0.79	ng		97
10) Hexachlorobutadiene	11.30	225	1258	0.84	ng		98
11) 2-Methylnaphthalene	12.65	142	5022	0.78	ng		94
15) Acenaphthylene	14.54	152	33812	0.77	ng		99
16) Acenaphthene	14.88	154	5433	0.77	ng		95
17) Fluorene	15.87	166	6729	0.79	ng		100
19) Hexachlorobenzene	16.89	284	1981	0.79	ng	#	100
20) Pentachlorophenol	17.26	266	394	0.74	ng		92
21) Phenanthrene	17.72	178	9628	0.59	ng		99
22) Anthracene	17.72	178	10221	0.69	ng		100
23) Fluoranthene	19.61	202	50565	0.78	ng		100
25) Pyrene	19.97	202	54126	0.61	ng		100
27) Benzo(a)anthracene	21.72	228	115603	1.28	ng	#	77
28) Chrysene	21.72	228	117138	1.40	ng	#	85
29) Bis(2-ethylhexyl)phthalate	21.66	149	3566	0.31	ng	#	98
30) Indeno(1,2,3-cd)pyrene	26.62	276	57227	0.64	ng		98
32) Benzo(b)fluoranthene	23.38	252	12374	0.67	ng		97
33) Benzo(k)fluoranthene	23.38	252	12374	0.67	ng		96
34) Benzo(a)pyrene	24.01	252	12650	0.73	ng		95
35) Dibenzo(a,h)anthracene	26.65	278	11360	0.70	ng		95
36) Benzo(g,h,i)perylene	27.38	276	51086	0.73	ng		96

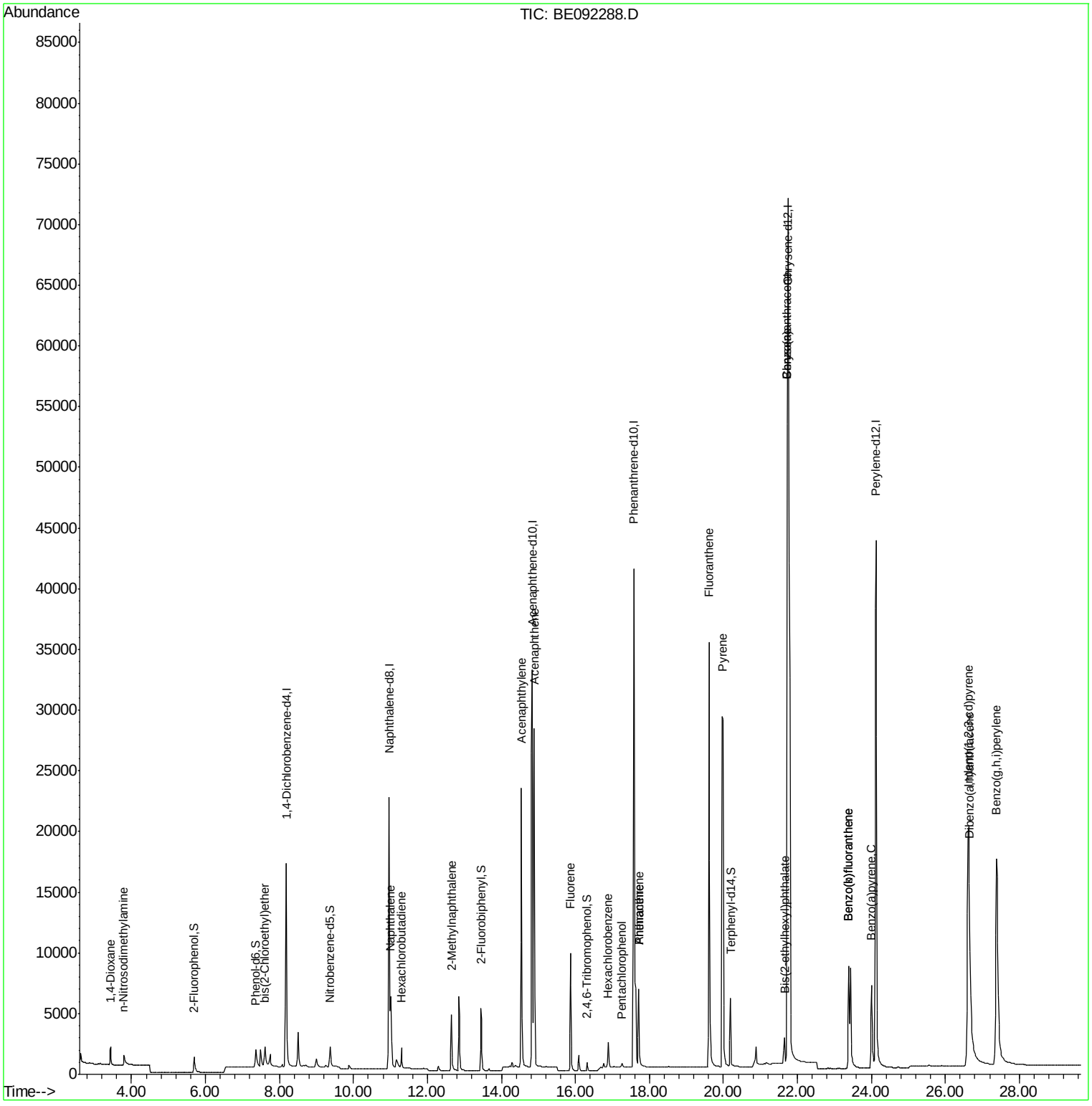
(#) = qualifier out of range (m) = manual integration (+) = signals summed

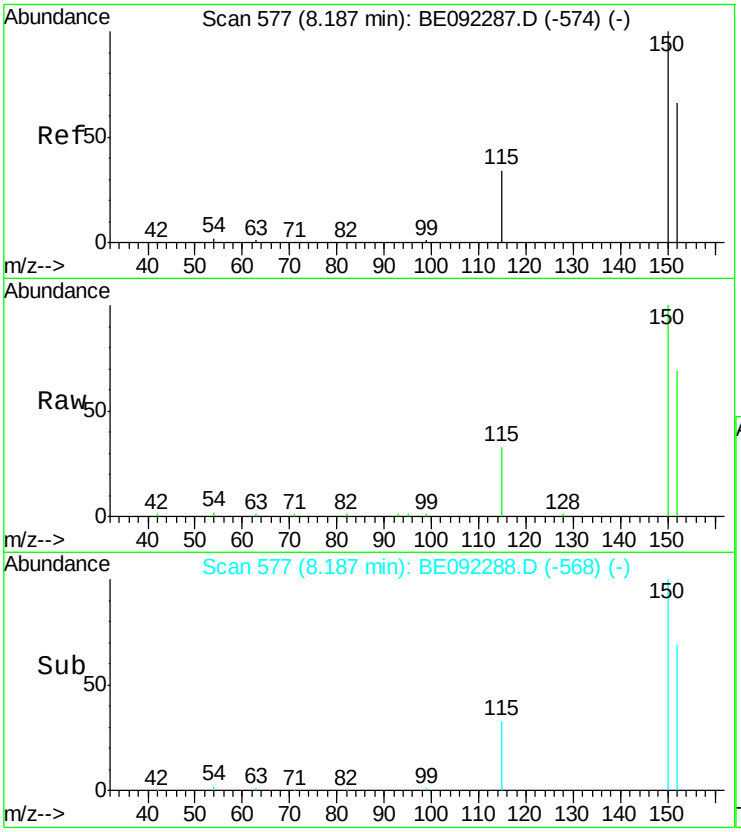
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE082916\
Data File : BE092288.D
Acq On : 29 Aug 2016 13:57
Operator : UM/SJ
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Aug 29 14:48:26 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE082916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 29 14:46:05 2016
Response via : Initial Calibration



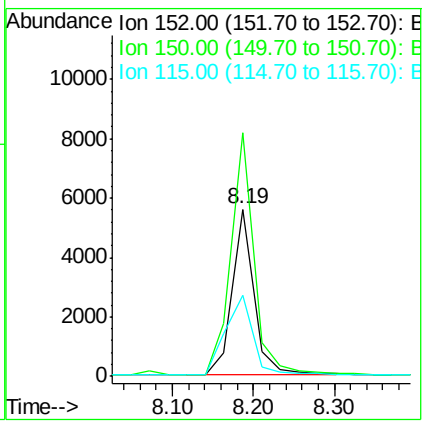


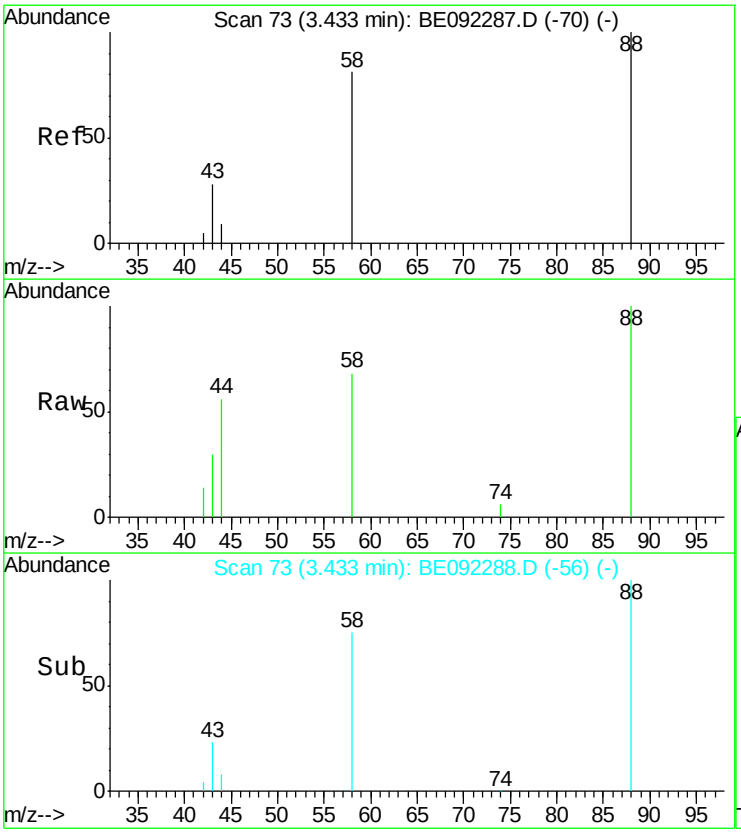
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.19 min Scan# 577
Delta R.T. 0.00 min
Lab File: BE092288.D
Acq: 29 Aug 2016 13:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 10288

Ion	Ratio	Lower	Upper
152	100		
150	145.5	135.6	203.4
115	48.5	59.4	89.0#

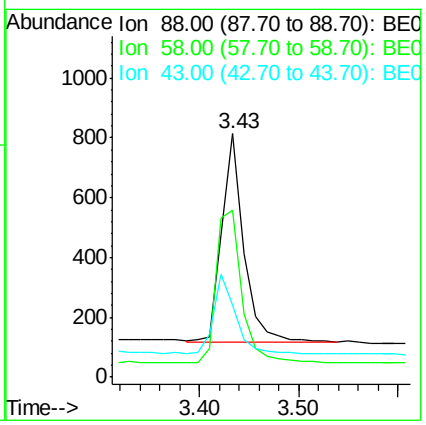


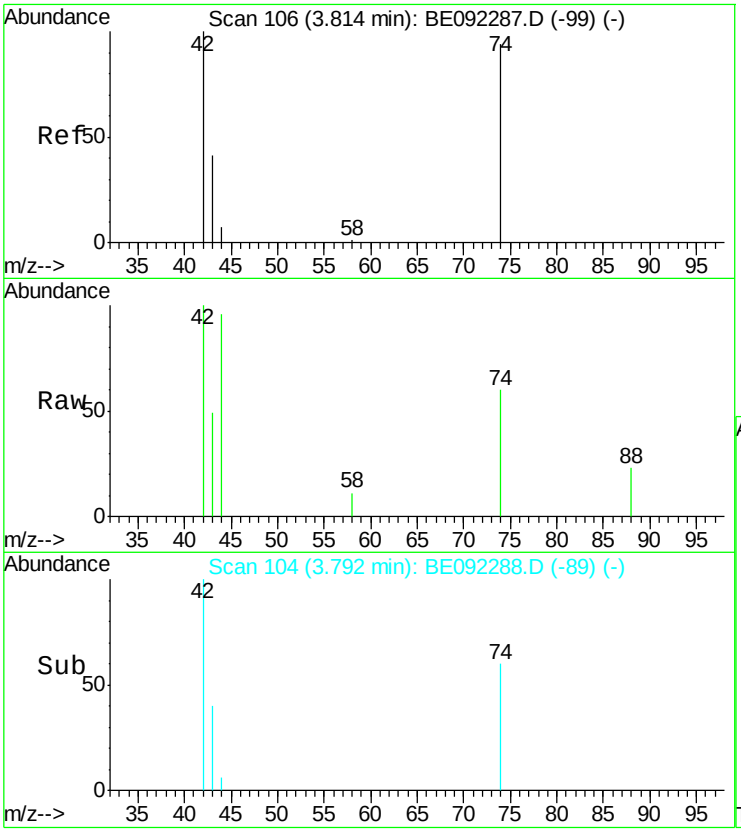


#2
1,4-Dioxane
Concen: 0.82 ng
RT: 3.43 min Scan# 73
Delta R.T. 0.00 min
Lab File: BE092288.D
Acq: 29 Aug 2016 13:57

Tgt Ion: 88 Resp: 1071

Ion	Ratio	Lower	Upper
88	100		
58	85.0	64.4	96.6
43	38.2	33.4	50.2



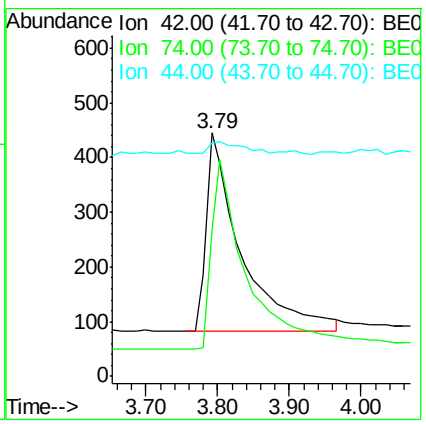


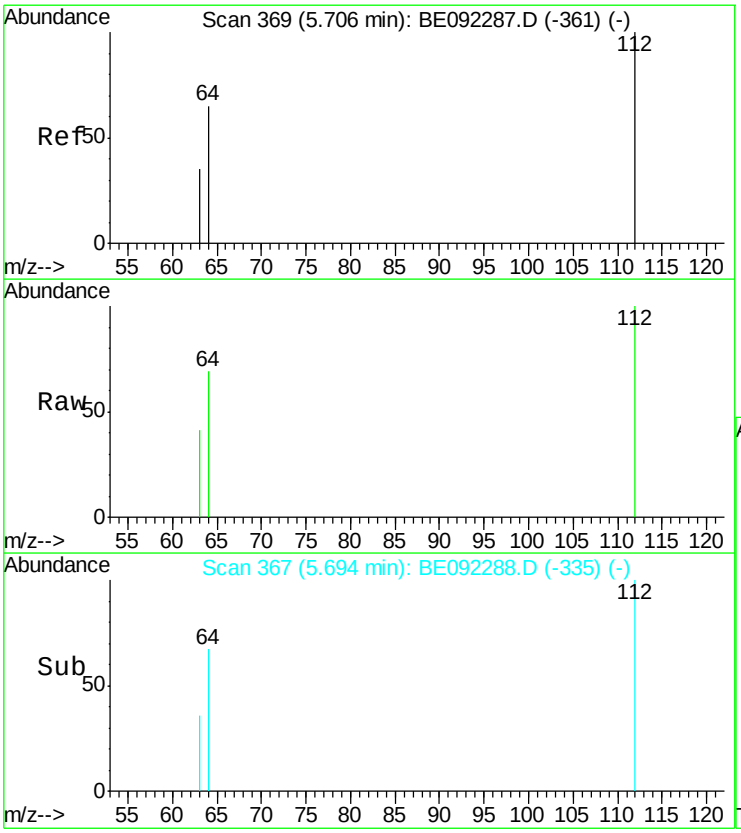
#3
n-Nitrosodimethylamine
Concen: 0.77 ng
RT: 3.79 min Scan# 104
Delta R.T. -0.02 min
Lab File: BE092288.D
Acq: 29 Aug 2016 13:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 1220

Ion	Ratio	Lower	Upper
42	100		
74	96.5	77.2	115.8
44	6.3	5.0	7.4

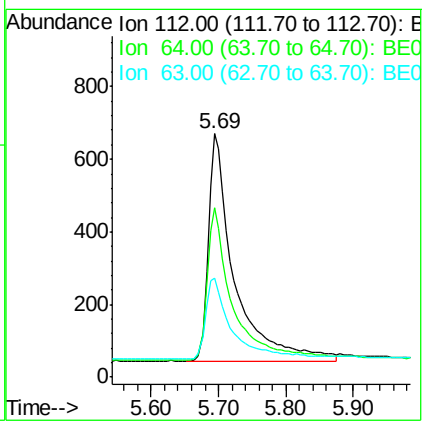


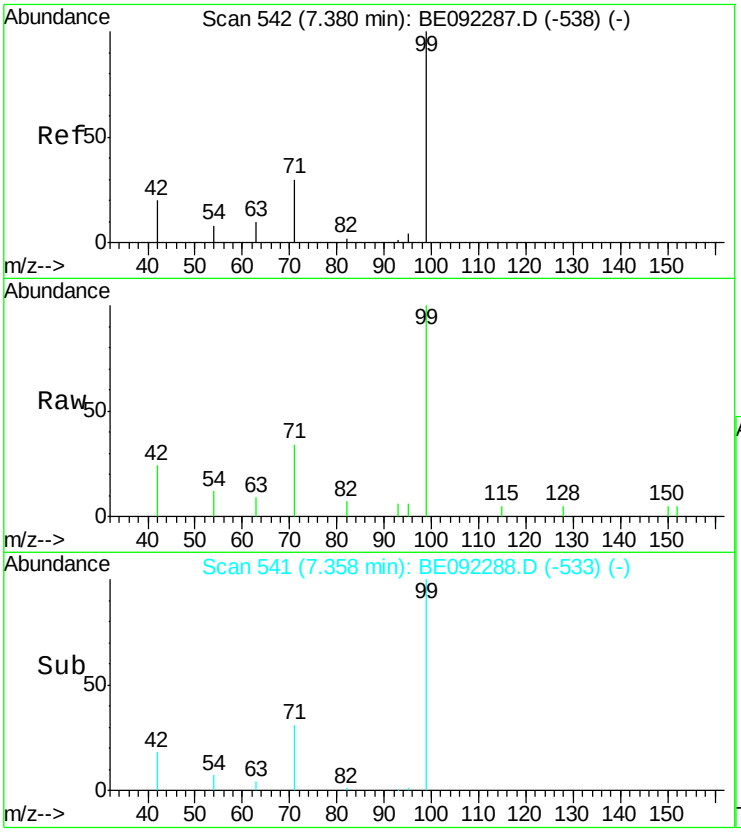


#4
2-Fluorophenol
Concen: 0.75 ng
RT: 5.69 min Scan# 367
Delta R.T. -0.01 min
Lab File: BE092288.D
Acq: 29 Aug 2016 13:57

Tgt Ion:112 Resp: 1685

Ion	Ratio	Lower	Upper
112	100		
64	65.9	53.2	79.8
63	36.2	27.4	41.2



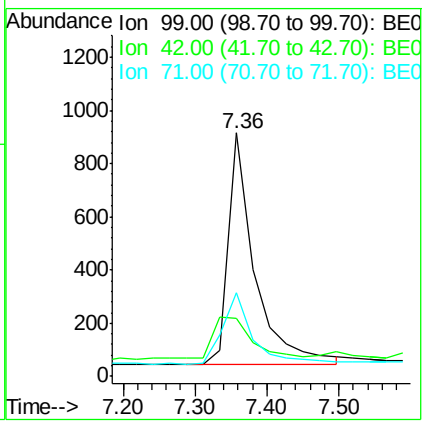


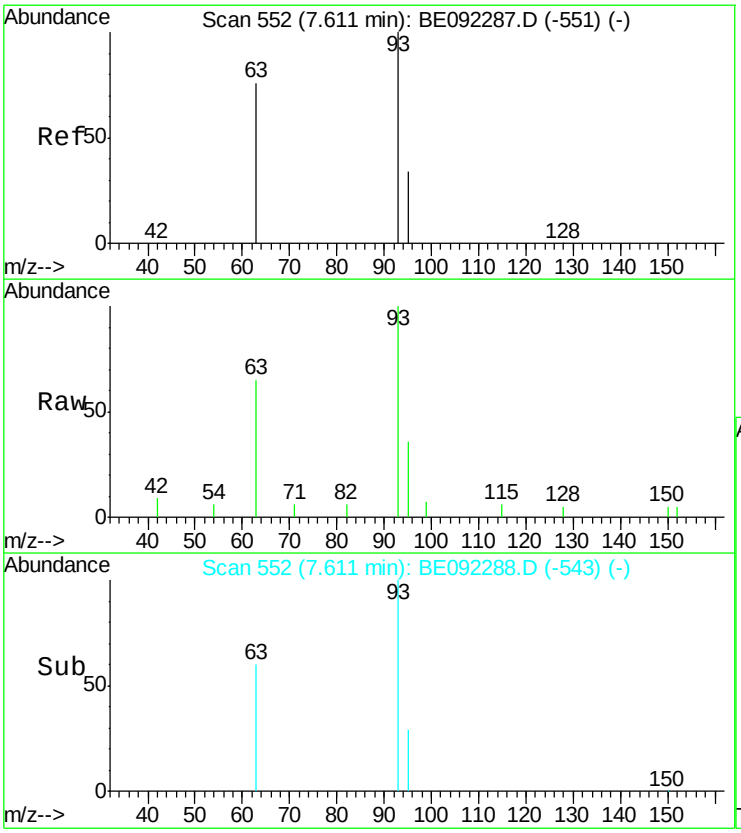
#5
Phenol-d6
Concen: 0.69 ng
RT: 7.36 min Scan# 541
Delta R.T. -0.02 min
Lab File: BE092288.D
Acq: 29 Aug 2016 13:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 2225

Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	35.6	29.8	44.8

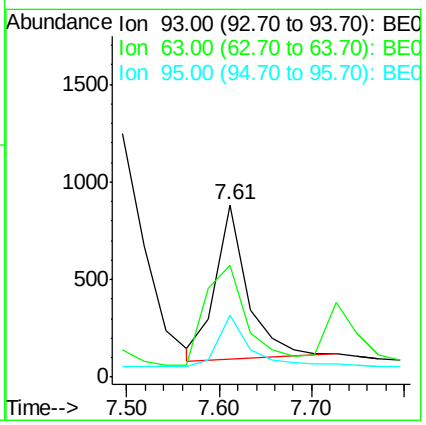


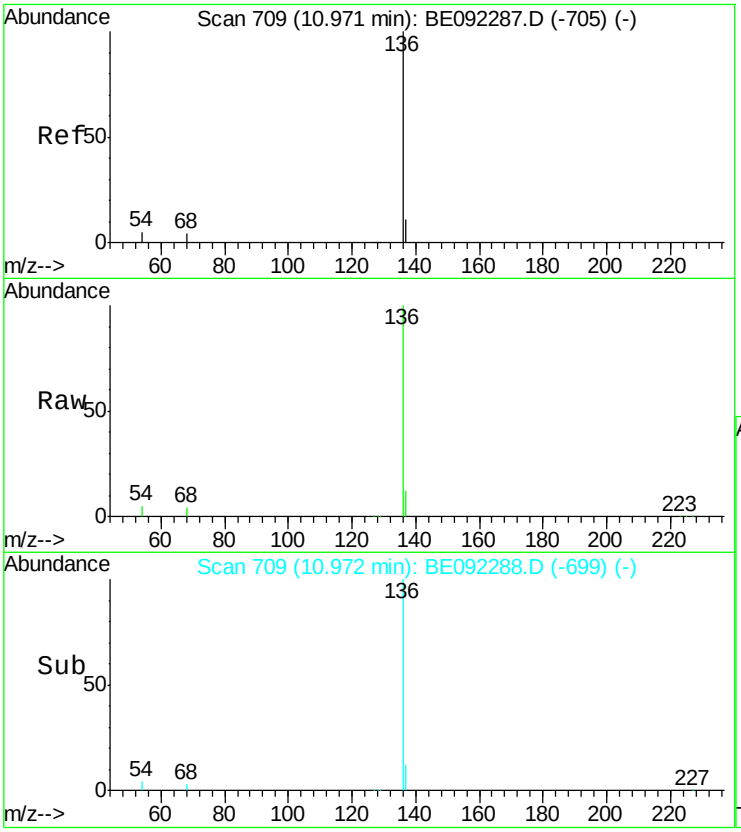


#6
bis(2-Chloroethyl)ether
Concen: 0.74 ng
RT: 7.61 min Scan# 552
Delta R.T. 0.00 min
Lab File: BE092288.D
Acq: 29 Aug 2016 13:57

Tgt Ion: 93 Resp: 1933

Ion	Ratio	Lower	Upper
93	100		
63	84.8	68.5	102.7
95	34.8	27.2	40.8



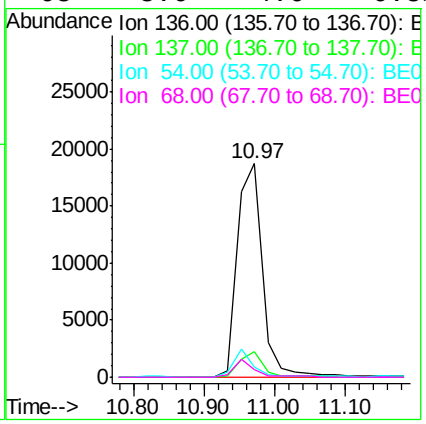


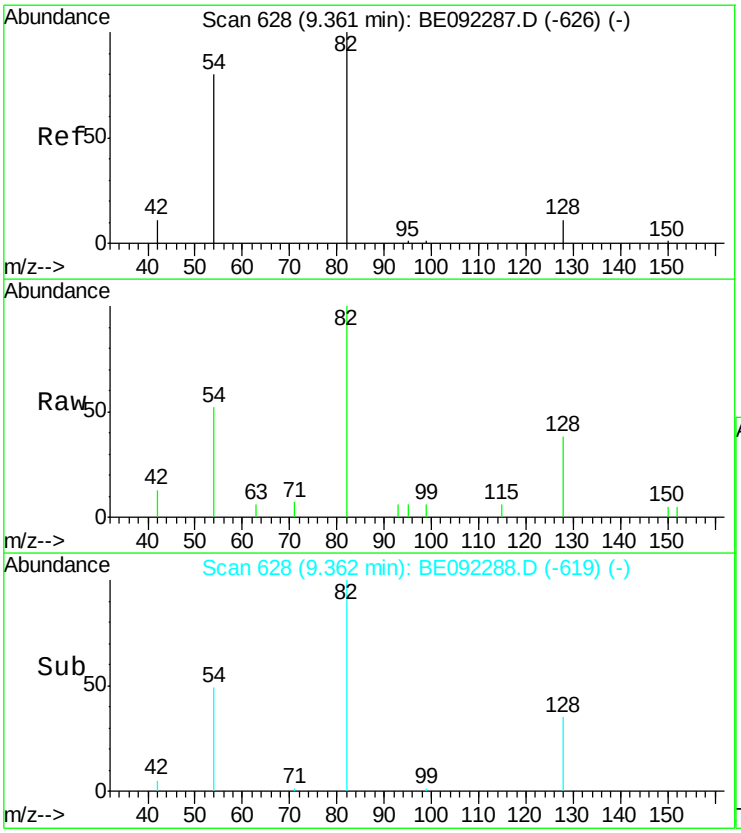
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.97 min Scan# 709
Delta R.T. 0.00 min
Lab File: BE092288.D
Acq: 29 Aug 2016 13:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 46235

Ion	Ratio	Lower	Upper
136	100		
137	12.2	8.8	13.2
54	4.6	6.2	9.4#
68	3.6	4.6	6.8#

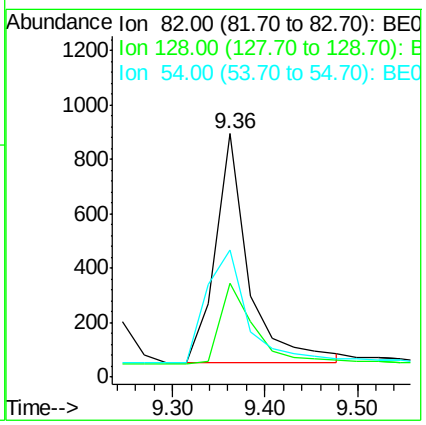


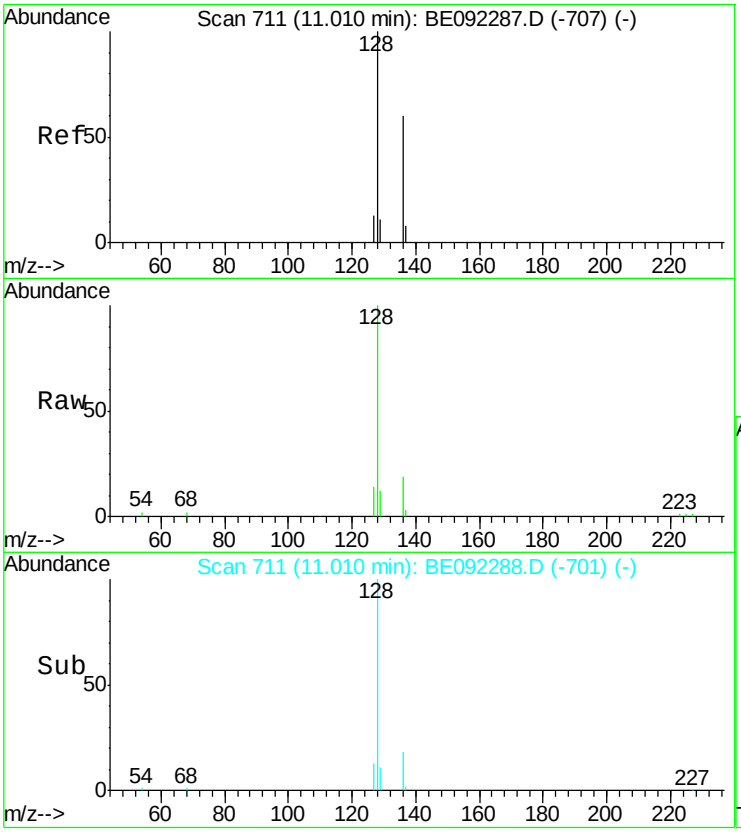


#8
Nitrobenzene-d5
Concen: 0.65 ng
RT: 9.36 min Scan# 628
Delta R.T. 0.00 min
Lab File: BE092288.D
Acq: 29 Aug 2016 13:57

Tgt Ion: 82 Resp: 2131

Ion	Ratio	Lower	Upper
82	100		
128	38.3	45.0	67.4#
54	52.3	45.4	68.2



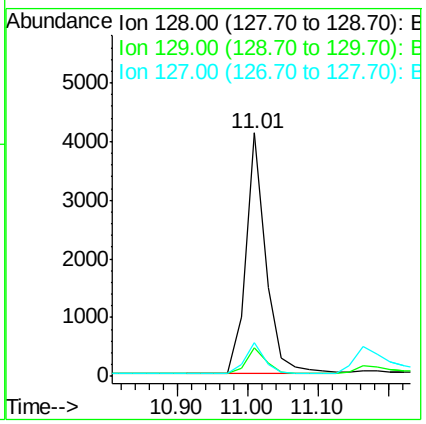


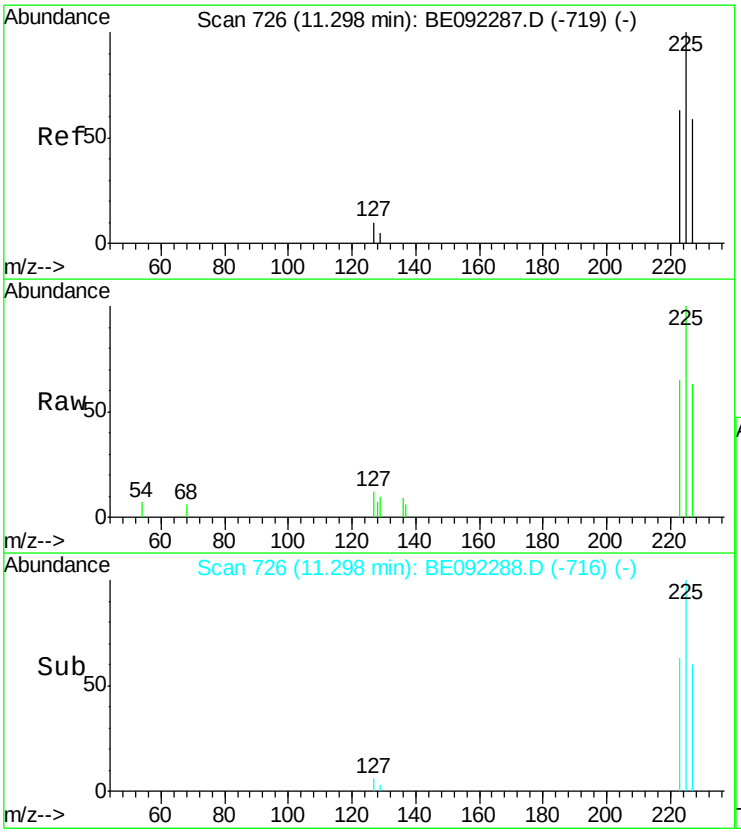
#9
Naphthalene
Concen: 0.79 ng
RT: 11.01 min Scan# 711
Delta R.T. 0.00 min
Lab File: BE092288.D
Acq: 29 Aug 2016 13:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 8138

Ion	Ratio	Lower	Upper
128	100		
129	11.8	11.5	17.3
127	13.7	11.0	16.6

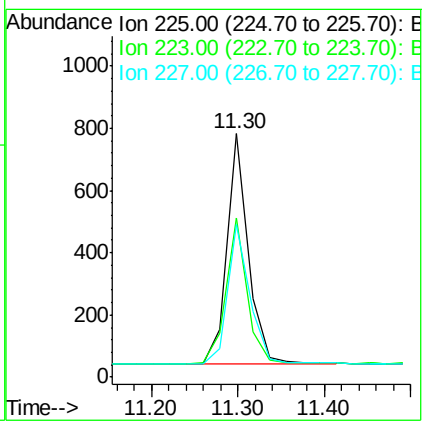


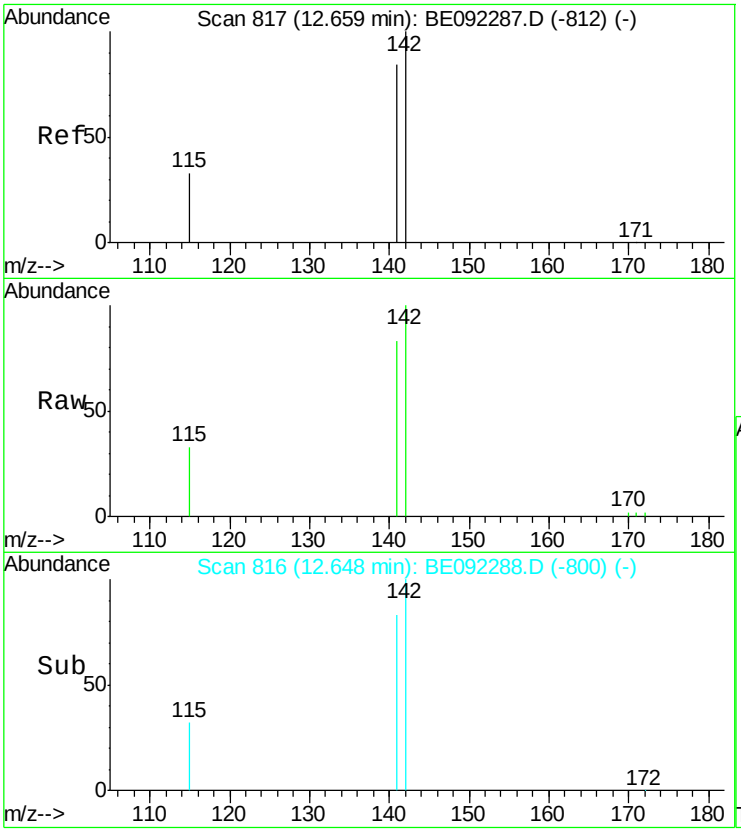


#10
Hexachlorobutadiene
Concen: 0.84 ng
RT: 11.30 min Scan# 726
Delta R.T. 0.00 min
Lab File: BE092288.D
Acq: 29 Aug 2016 13:57

Tgt Ion:225 Resp: 1258

Ion	Ratio	Lower	Upper
225	100		
223	62.4	52.2	78.4
227	63.1	51.0	76.6



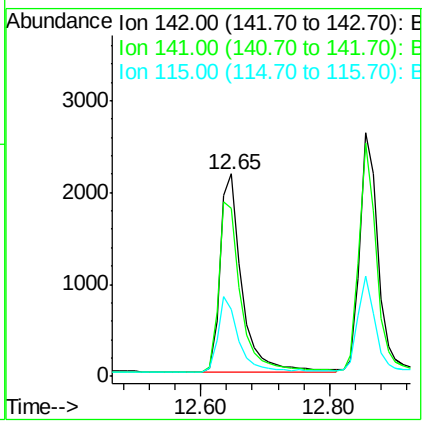


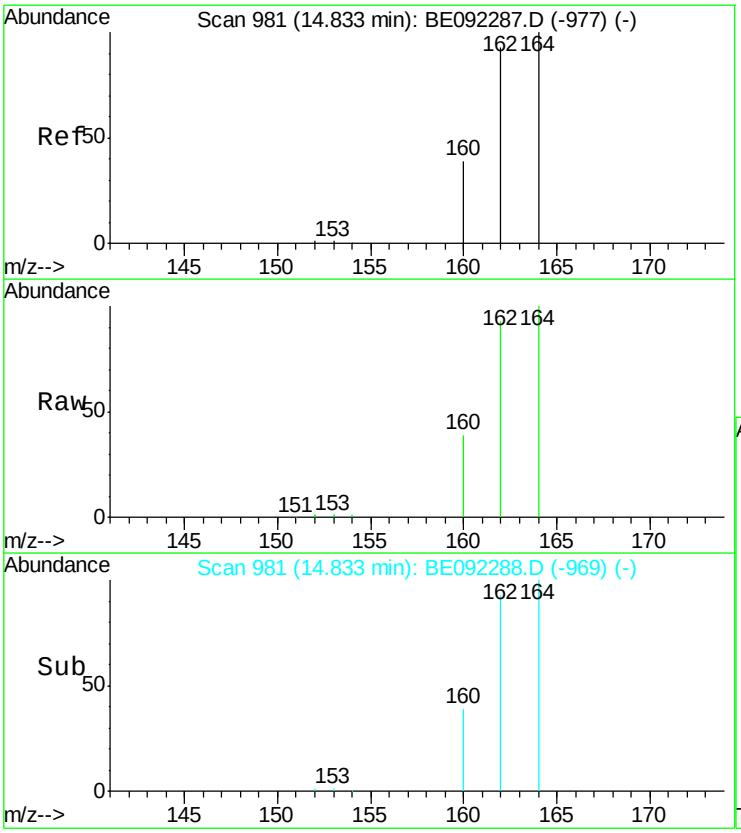
#11
2-Methylnaphthalene
Concen: 0.78 ng
RT: 12.65 min Scan# 816
Delta R.T. -0.01 min
Lab File: BE092288.D
Acq: 29 Aug 2016 13:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 5022

Ion	Ratio	Lower	Upper
142	100		
141	83.1	70.6	105.8
115	33.4	31.0	46.4

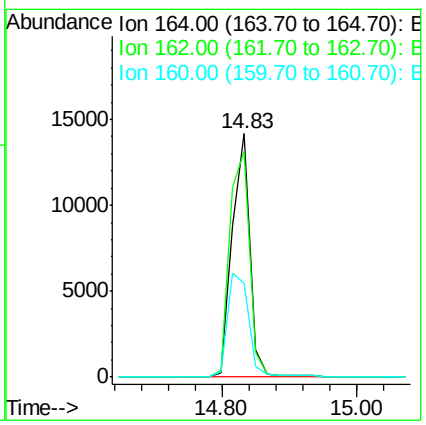


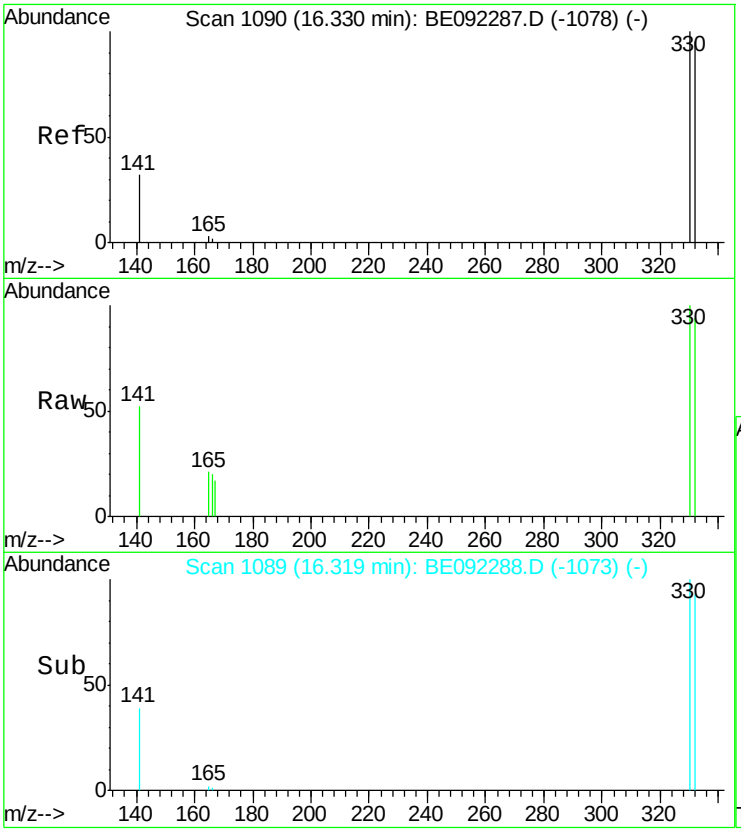


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.83 min Scan# 981
Delta R.T. 0.00 min
Lab File: BE092288.D
Acq: 29 Aug 2016 13:57

Tgt Ion:164 Resp: 25535

Ion	Ratio	Lower	Upper
164	100		
162	92.6	83.3	124.9
160	38.8	38.0	57.0



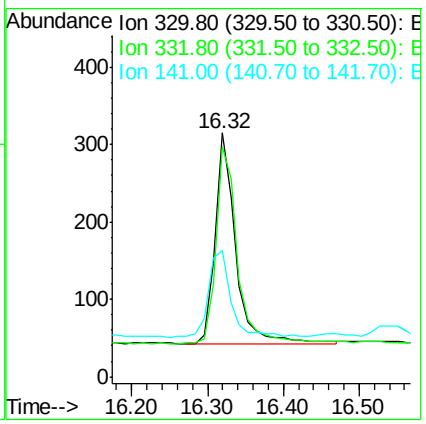


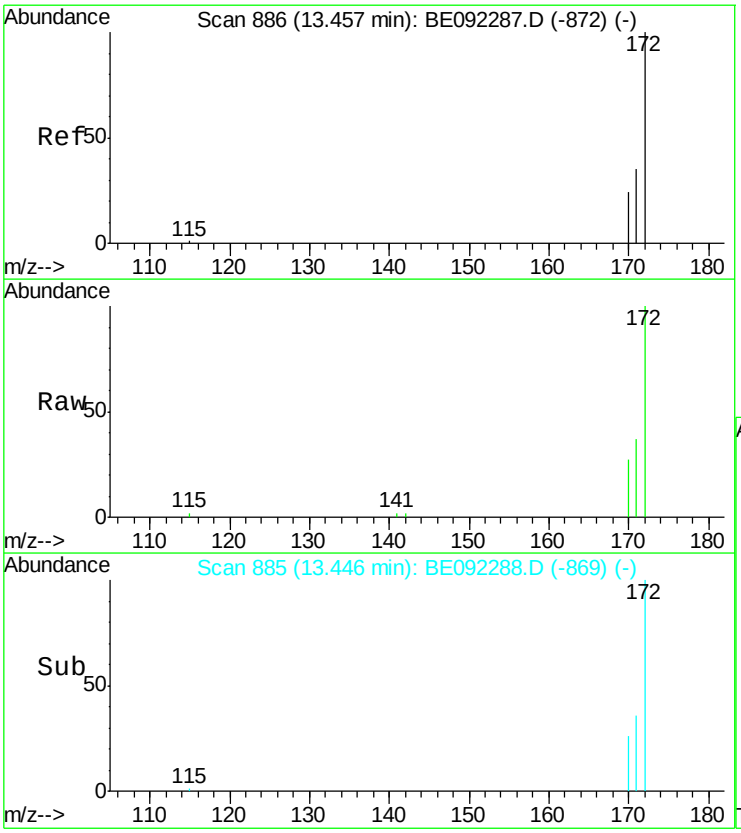
#13
2,4,6-Tribromophenol
Concen: 0.67 ng
RT: 16.32 min Scan# 1089
Delta R.T. -0.01 min
Lab File: BE092288.D
Acq: 29 Aug 2016 13:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 511

Ion	Ratio	Lower	Upper
330	100		
332	98.6	75.4	113.0
141	45.6	37.7	56.5

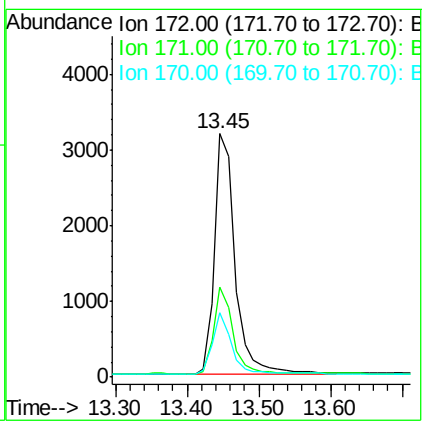


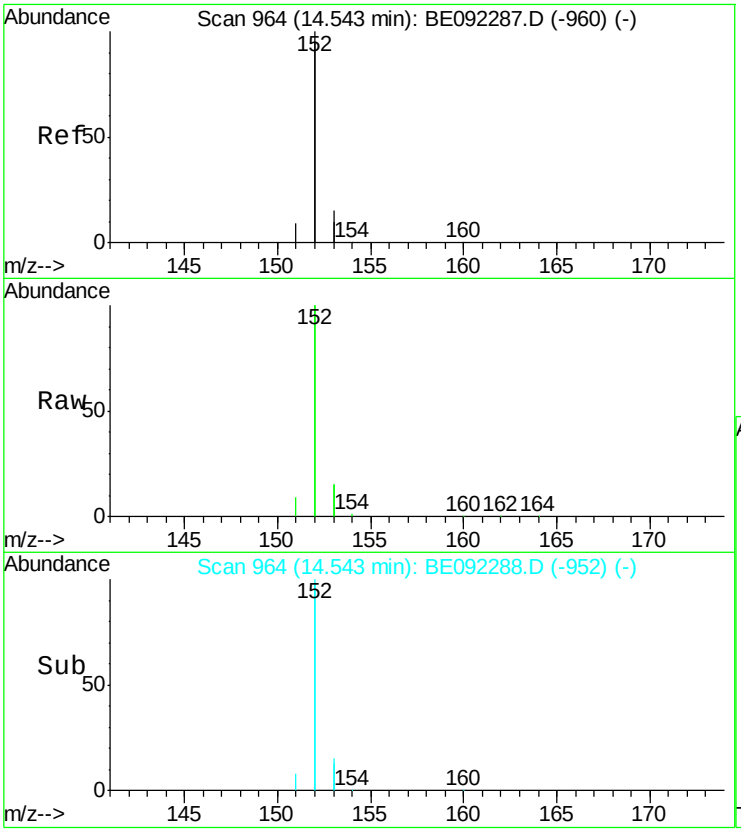


#14
2-Fluorobiphenyl
Concen: 0.80 ng
RT: 13.45 min Scan# 885
Delta R.T. -0.01 min
Lab File: BE092288.D
Acq: 29 Aug 2016 13:57

Tgt Ion:172 Resp: 6335

Ion	Ratio	Lower	Upper
172	100		
171	36.9	26.8	40.2
170	26.6	17.8	26.6



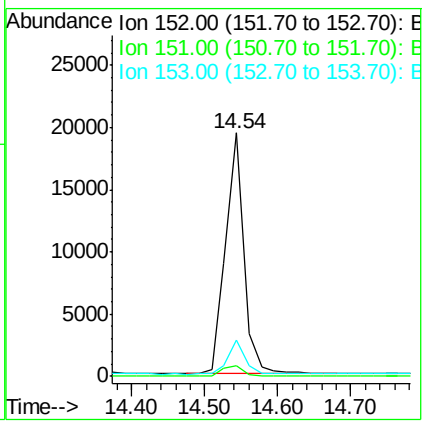


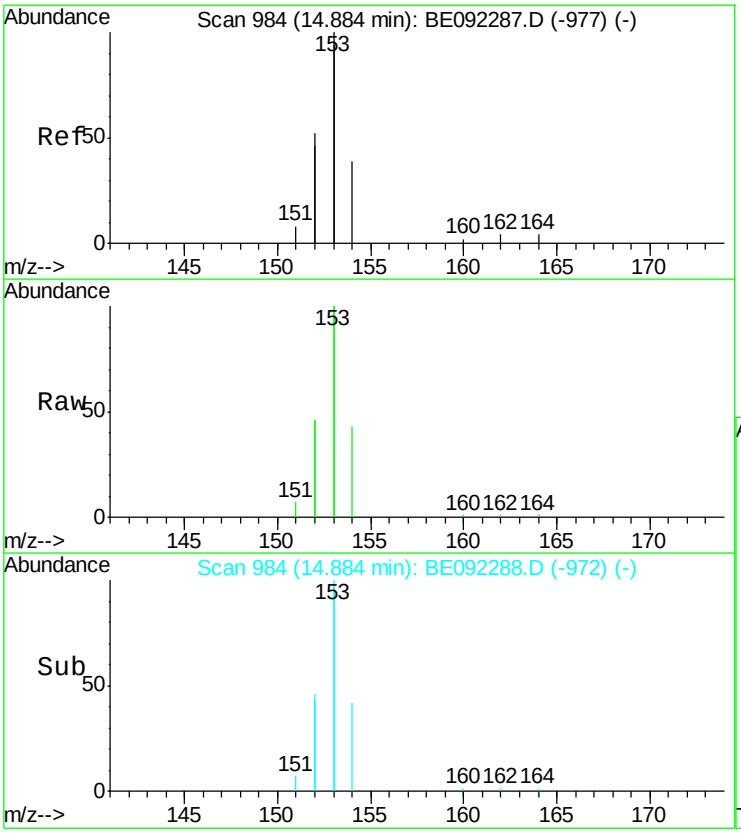
#15
Acenaphthylene
Concen: 0.77 ng
RT: 14.54 min Scan# 964
Delta R.T. 0.00 min
Lab File: BE092288.D
Acq: 29 Aug 2016 13:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 33812

Ion	Ratio	Lower	Upper
152	100		
151	5.0	3.8	5.8
153	13.2	10.2	15.2

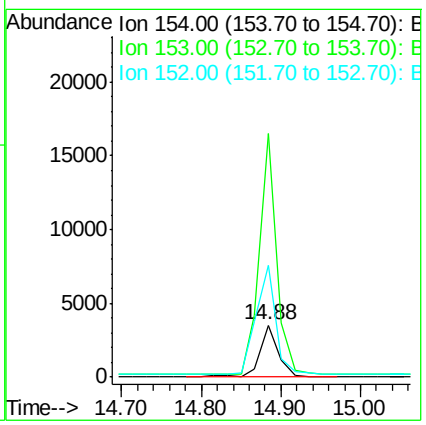


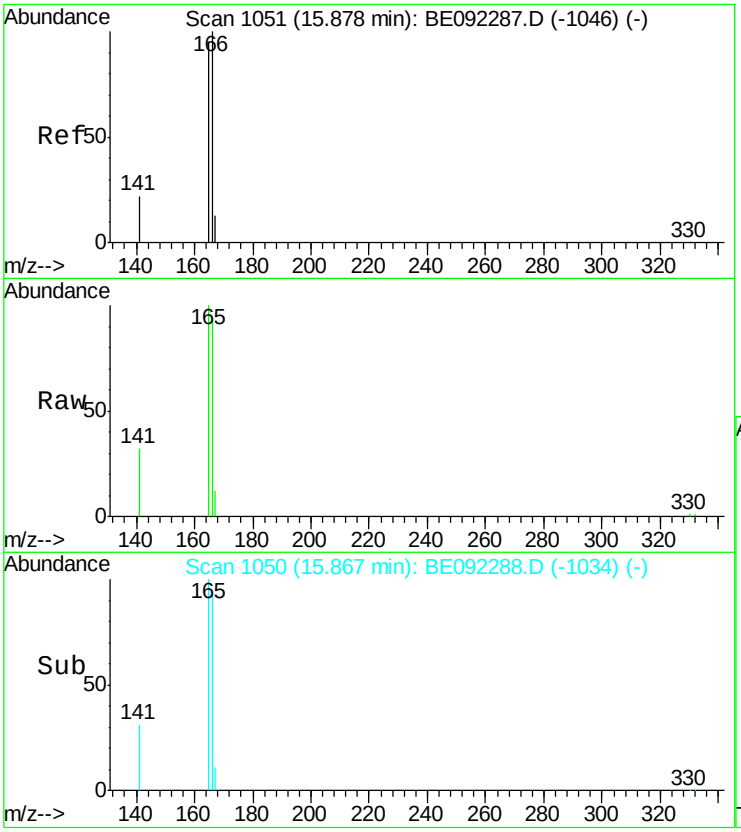


#16
Acenaphthene
Concen: 0.77 ng
RT: 14.88 min Scan# 984
Delta R.T. 0.00 min
Lab File: BE092288.D
Acq: 29 Aug 2016 13:57

Tgt Ion:154 Resp: 5433

Ion	Ratio	Lower	Upper
154	100		
153	459.4	355.0	532.4
152	230.6	179.7	269.5



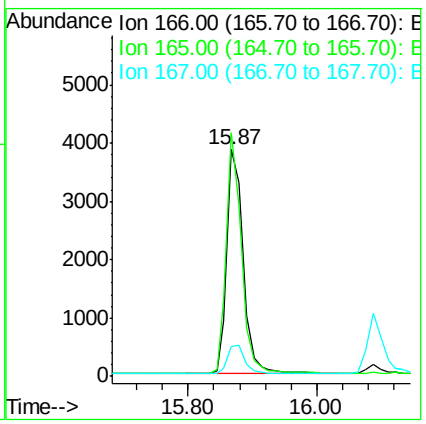


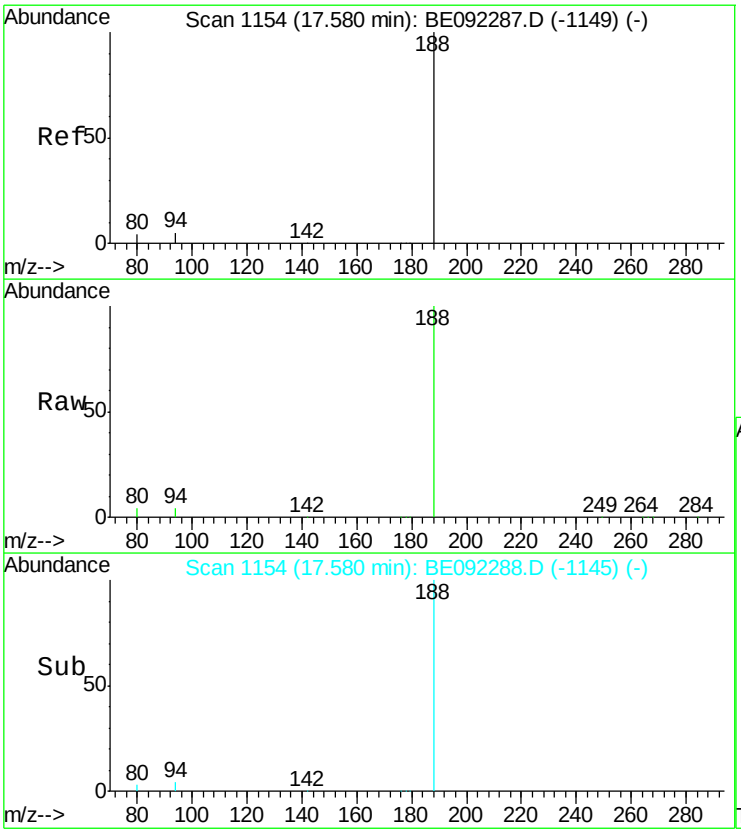
#17
Fluorene
Concen: 0.79 ng
RT: 15.87 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BE092288.D
Acq: 29 Aug 2016 13:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 6729

Ion	Ratio	Lower	Upper
166	100		
165	100.1	80.1	120.1
167	13.4	10.6	16.0

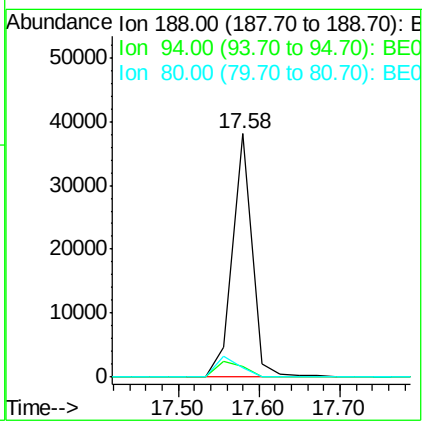


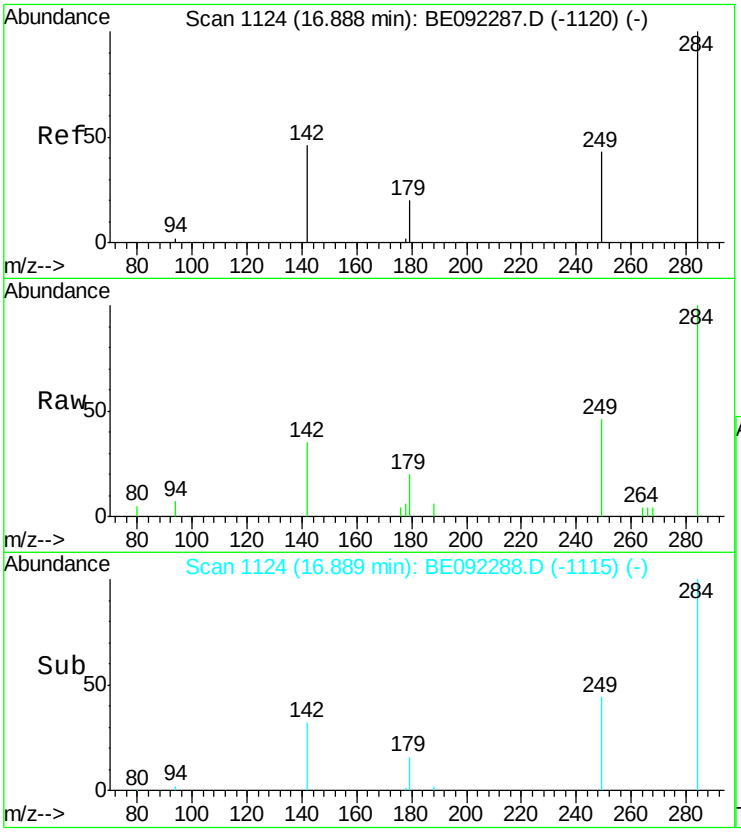


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.58 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE092288.D
Acq: 29 Aug 2016 13:57

Tgt Ion:188 Resp: 63098

Ion	Ratio	Lower	Upper
188	100		
94	4.4	9.2	13.8#
80	3.6	9.1	13.7#



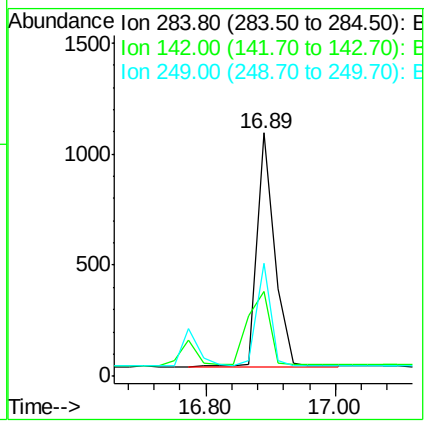


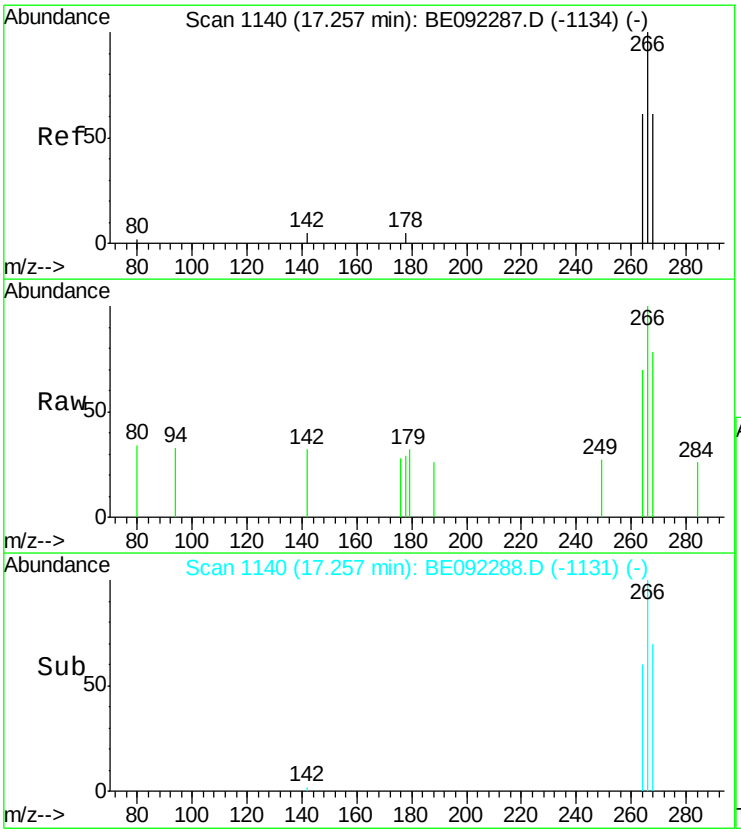
#19
Hexachlorobenzene
Concen: 0.79 ng
RT: 16.89 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BE092288.D
Acq: 29 Aug 2016 13:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1981

Ion	Ratio	Lower	Upper
284	100		
142	39.6	0.0	0.0#
249	35.8	0.0	0.0#

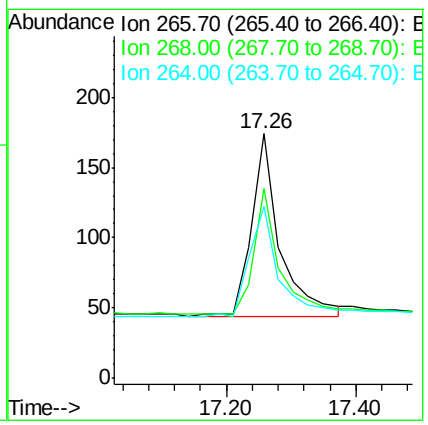


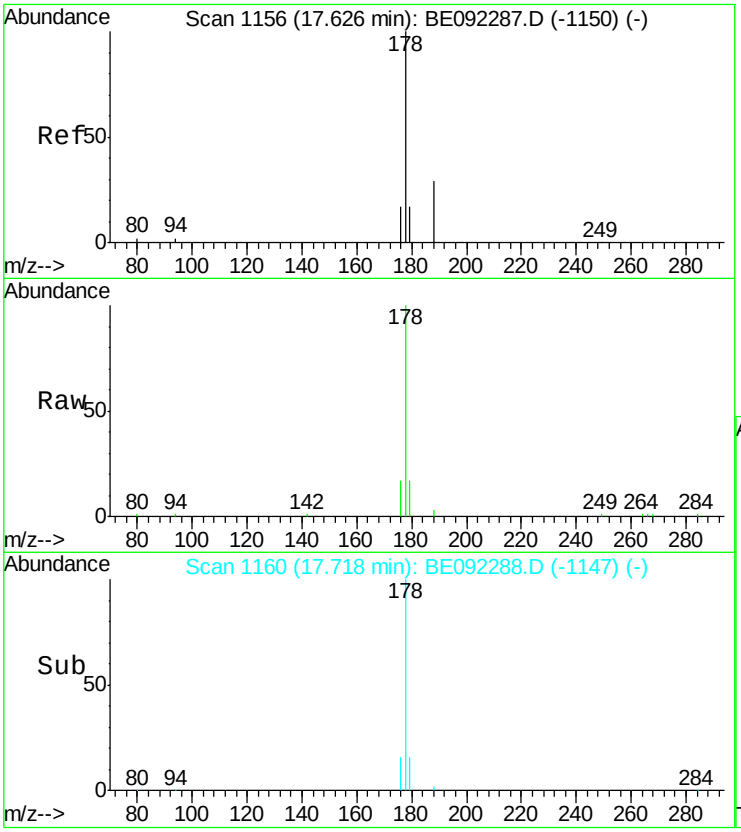


#20
Pentachlorophenol
Concen: 0.74 ng
RT: 17.26 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BE092288.D
Acq: 29 Aug 2016 13:57

Tgt Ion:266 Resp: 394

Ion	Ratio	Lower	Upper
266	100		
268	77.6	62.3	93.5
264	70.1	67.4	101.0



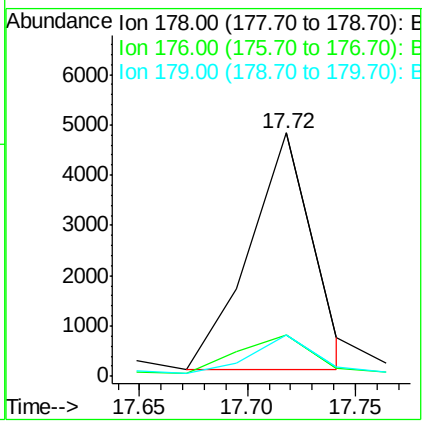


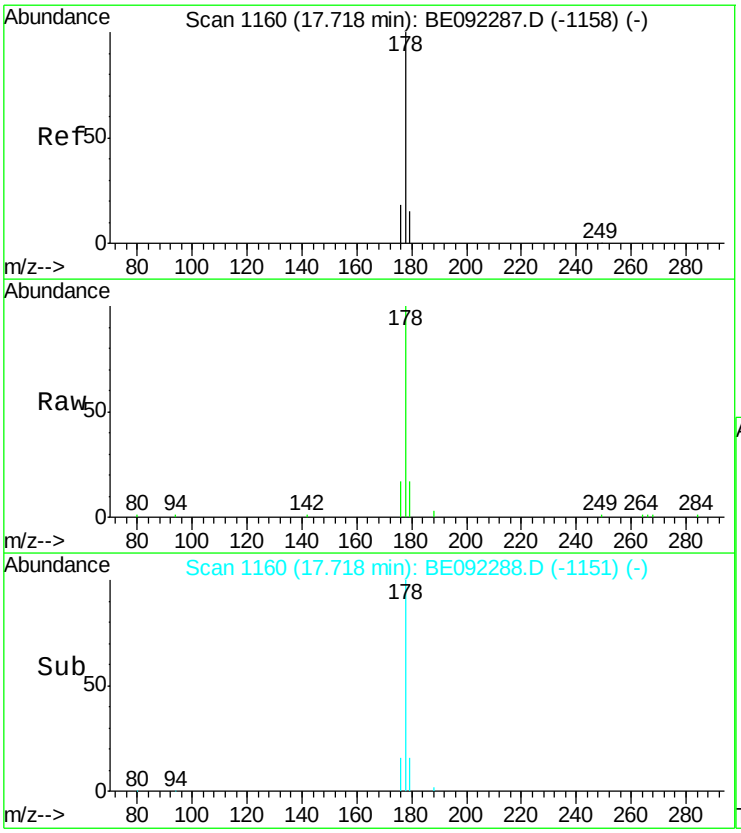
#21
Phenanthrene
Concen: 0.59 ng
RT: 17.72 min Scan# 1160
Delta R.T. 0.09 min
Lab File: BE092288.D
Acq: 29 Aug 2016 13:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 9628

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.1	22.7
179	15.2	12.9	19.3

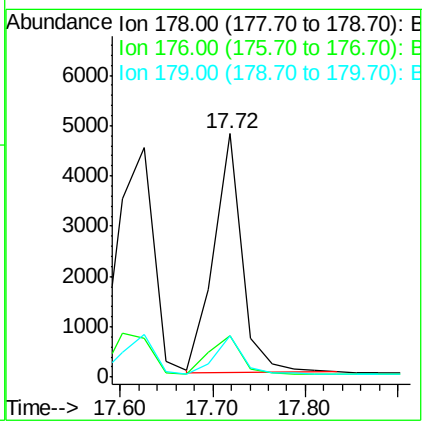


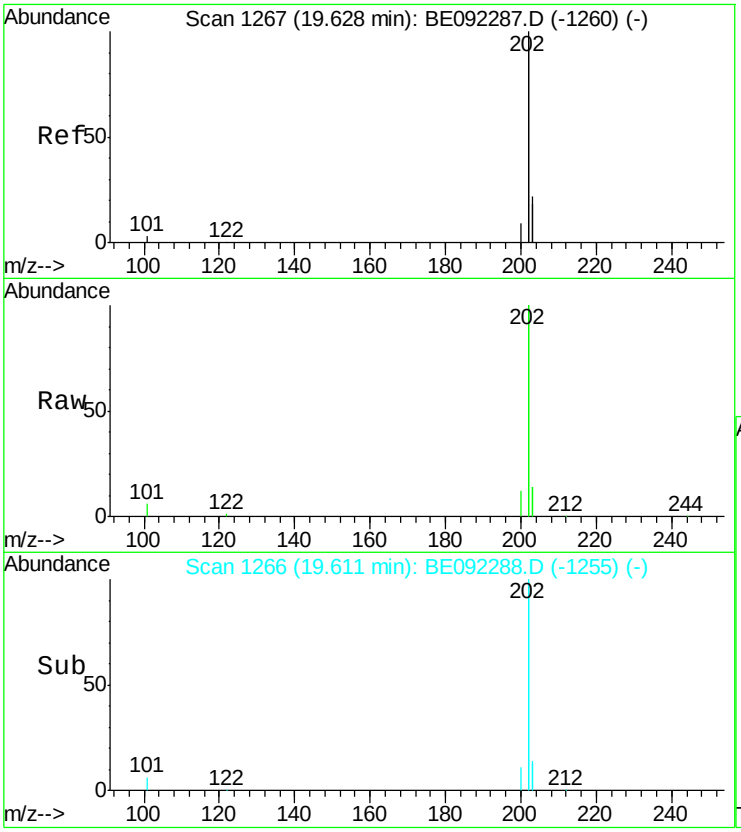


#22
Anthracene
Concen: 0.69 ng
RT: 17.72 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BE092288.D
Acq: 29 Aug 2016 13:57

Tgt Ion:178 Resp: 10221

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.2	12.0	18.0



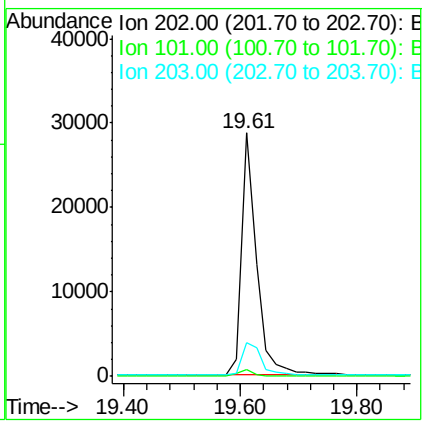


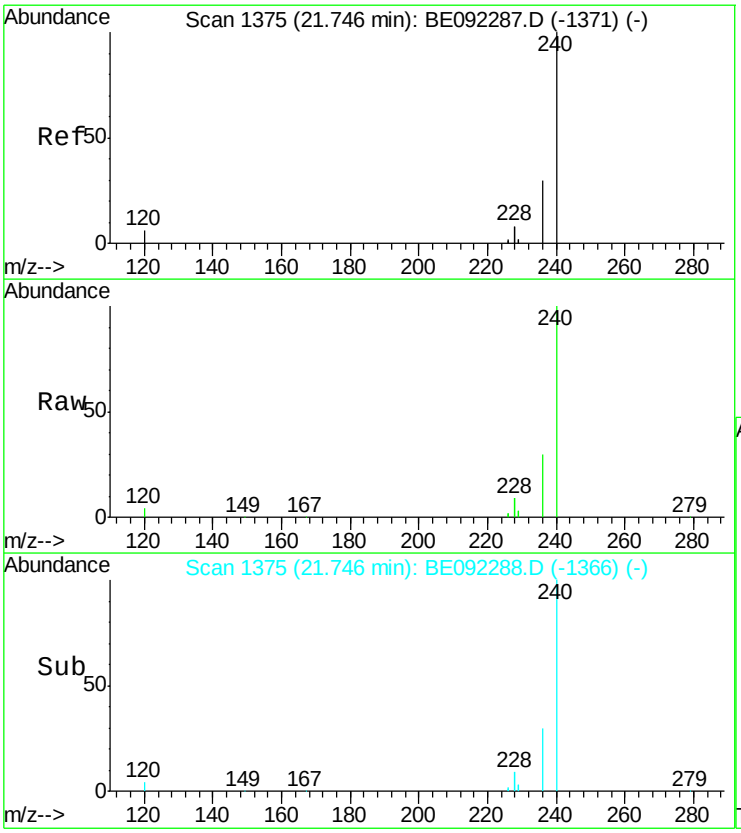
#23
Fluoranthene
Concen: 0.78 ng
RT: 19.61 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BE092288.D
Acq: 29 Aug 2016 13:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 50565

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

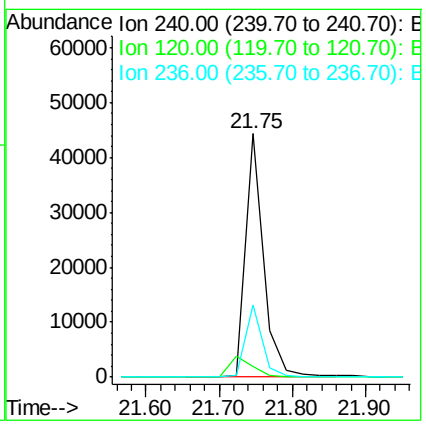


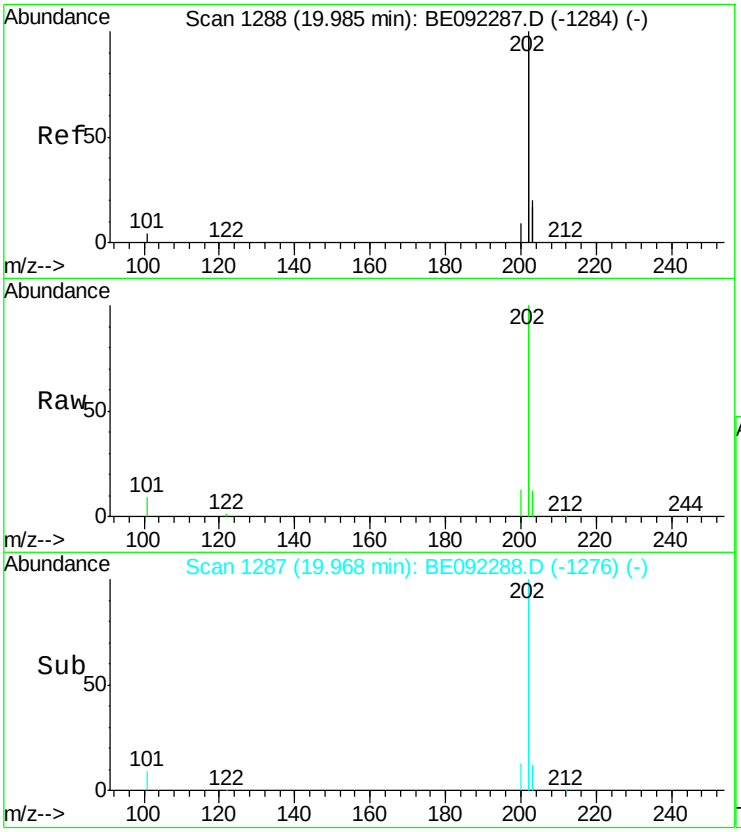


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE092288.D
Acq: 29 Aug 2016 13:57

Tgt Ion:240 Resp: 75362

Ion	Ratio	Lower	Upper
240	100		
120	4.2	1.2	1.8#
236	29.7	17.1	25.7#



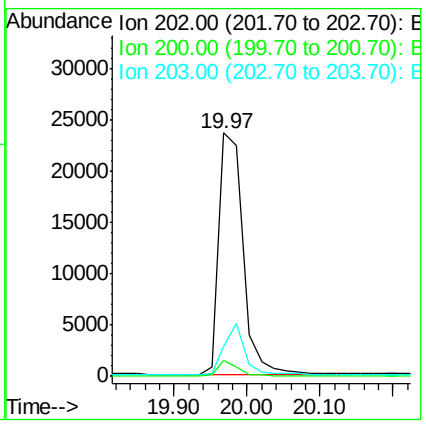


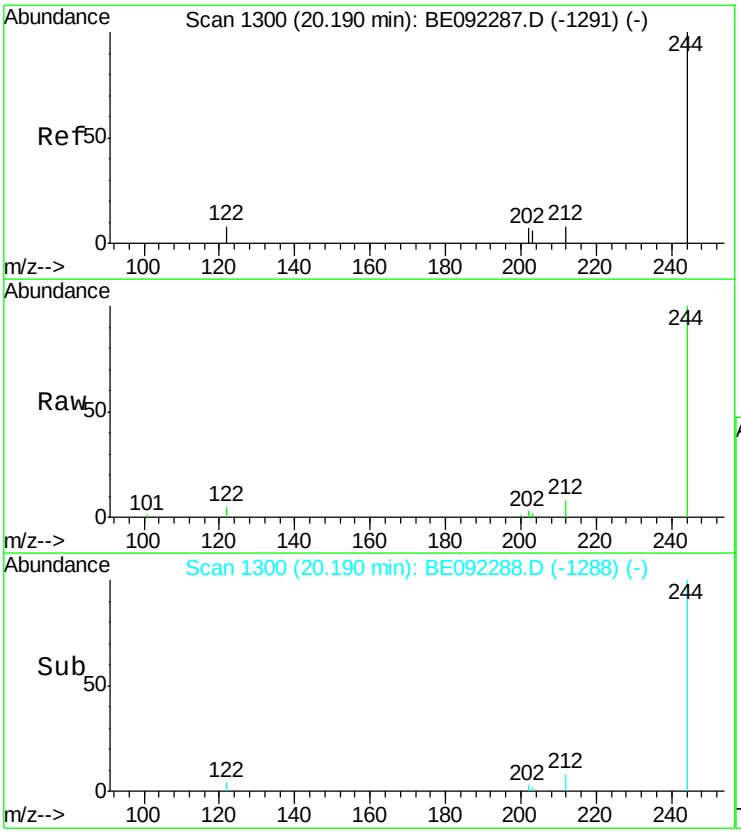
#25
Pyrene
Concen: 0.61 ng
RT: 19.97 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BE092288.D
Acq: 29 Aug 2016 13:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 54126

Ion	Ratio	Lower	Upper
202	100		
200	5.3	4.2	6.4
203	17.3	14.0	21.0

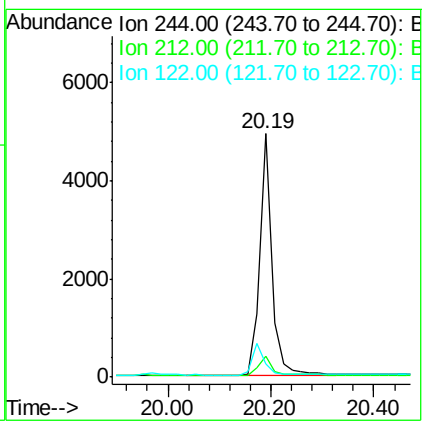


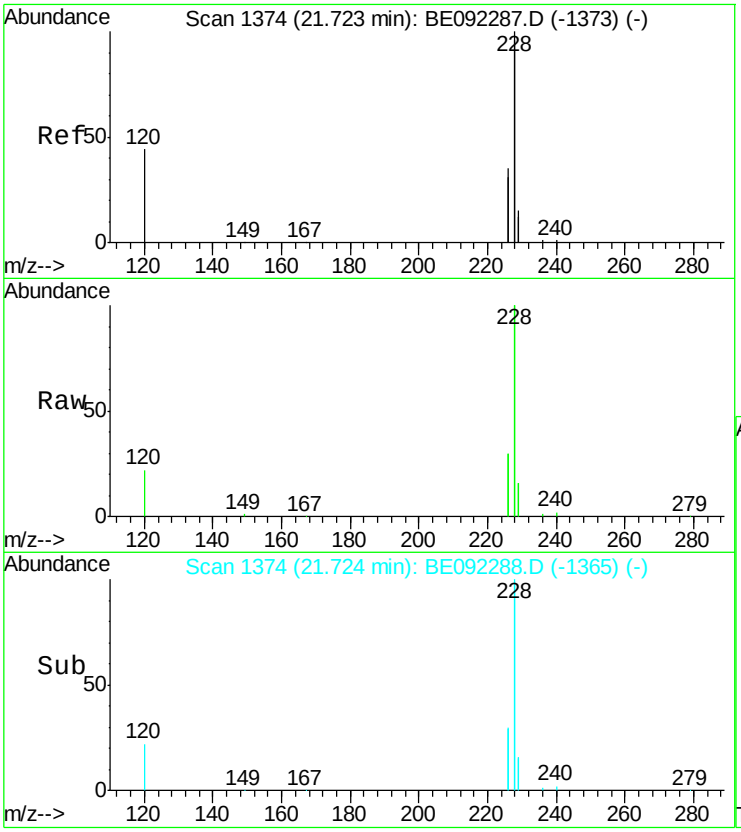


#26
Terphenyl-d14
Concen: 0.62 ng
RT: 20.19 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BE092288.D
Acq: 29 Aug 2016 13:57

Tgt Ion:244 Resp: 7946

Ion	Ratio	Lower	Upper
244	100		
212	8.5	10.2	15.2#
122	5.4	15.9	23.9#



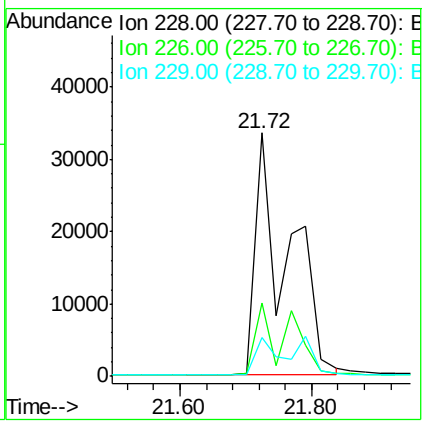


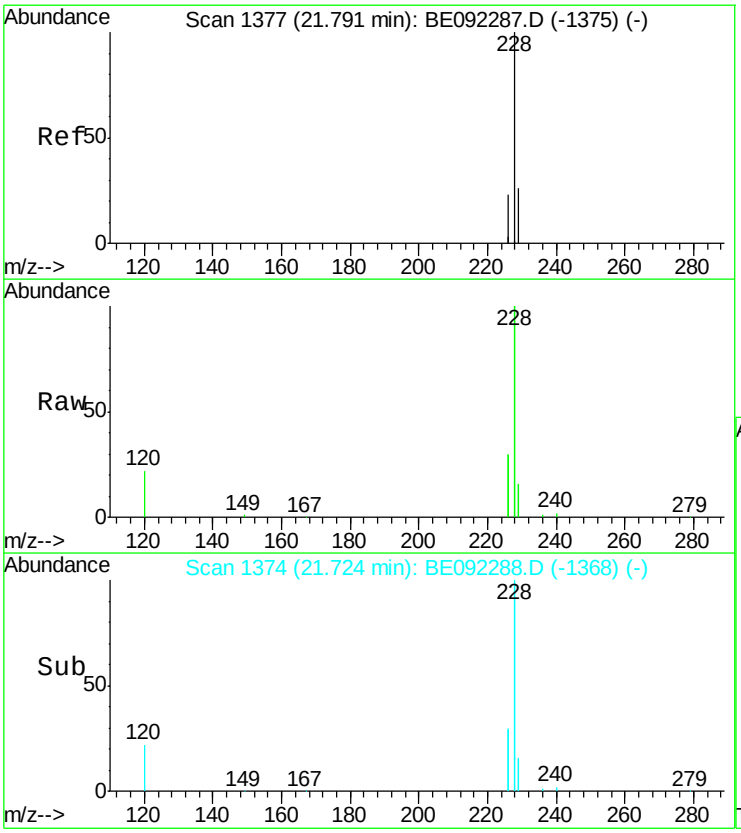
#27
Benzo(a)anthracene
Concen: 1.28 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092288.D
Acq: 29 Aug 2016 13:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 115603

Ion	Ratio	Lower	Upper
228	100		
226	30.1	15.9	23.9#
229	15.8	22.4	33.6#

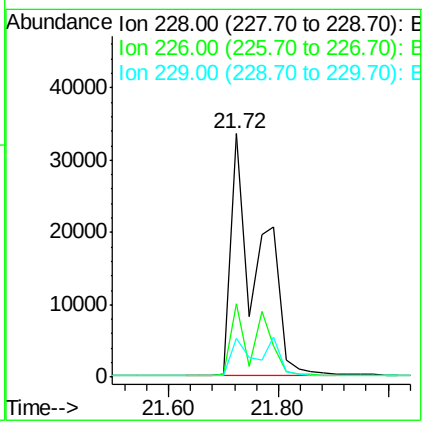


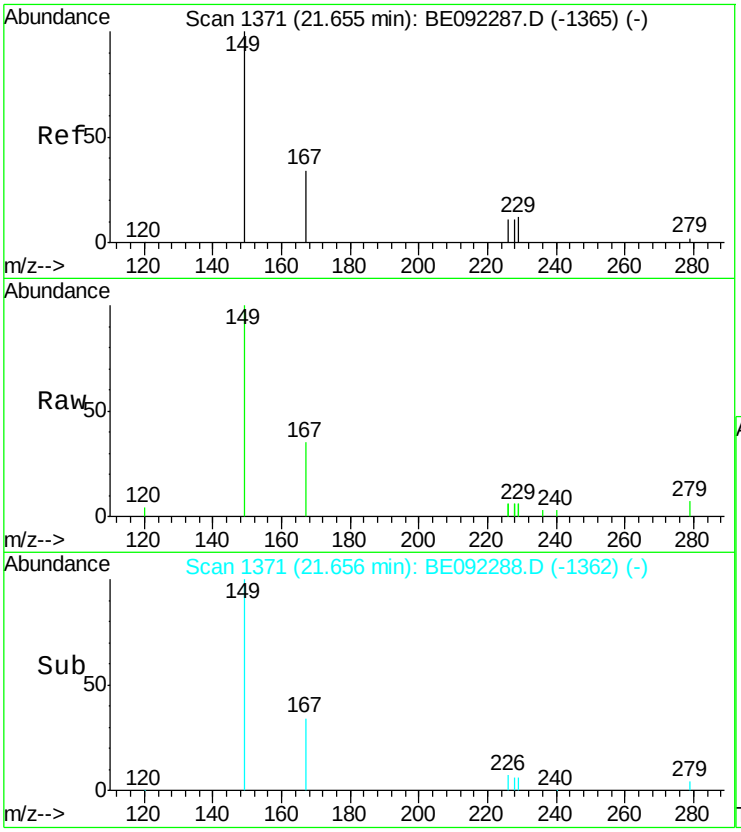


#28
Chrysene
Concen: 1.40 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.07 min
Lab File: BE092288.D
Acq: 29 Aug 2016 13:57

Tgt Ion:228 Resp: 117138

Ion	Ratio	Lower	Upper
228	100		
226	30.1	18.3	27.5#
229	15.8	18.6	27.8#



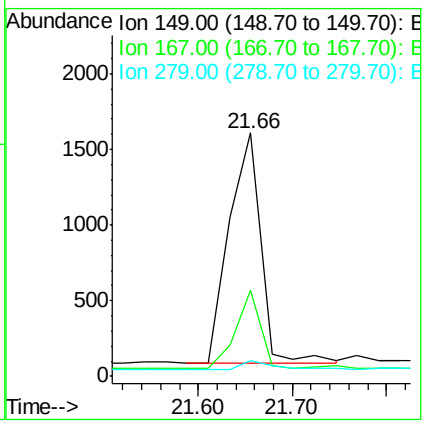


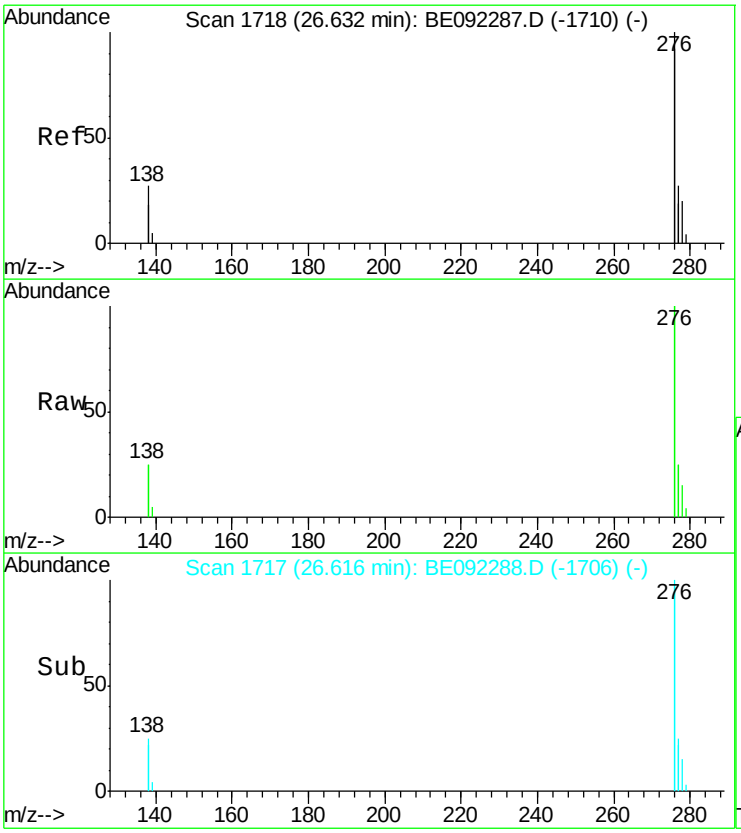
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.31 ng
RT: 21.66 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE092288.D
Acq: 29 Aug 2016 13:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 3566

Ion	Ratio	Lower	Upper
149	100		
167	26.3	22.1	33.1
279	3.4	0.0	0.0#

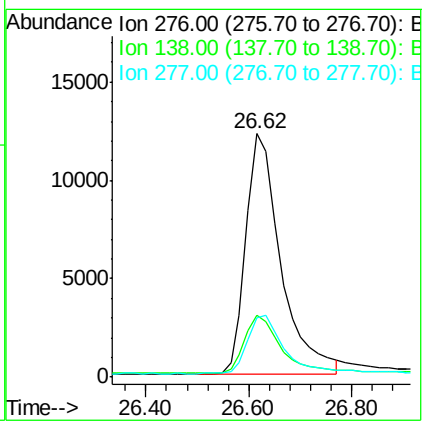


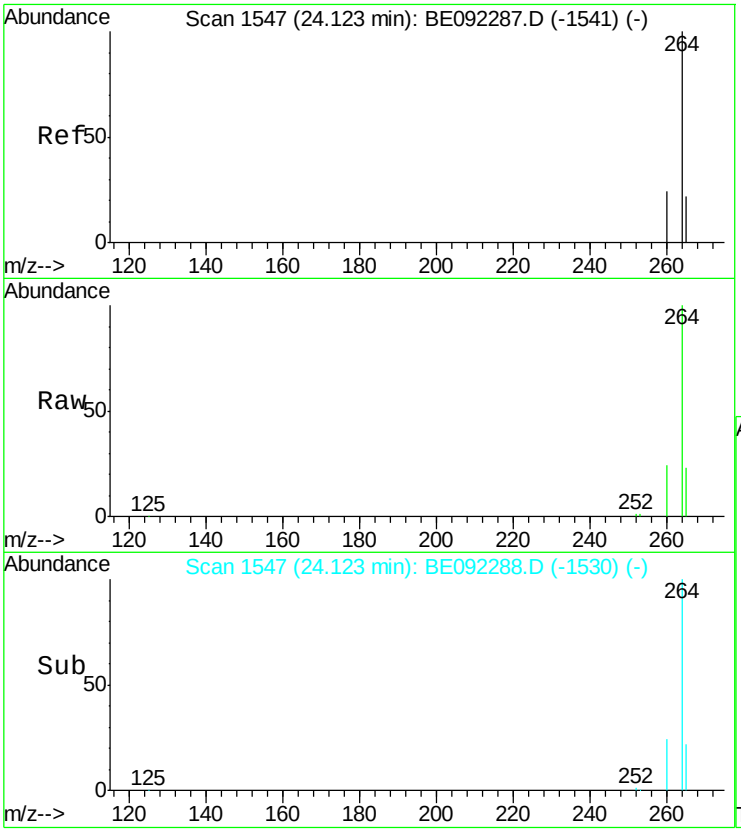


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.64 ng
RT: 26.62 min Scan# 1717
Delta R.T. -0.02 min
Lab File: BE092288.D
Acq: 29 Aug 2016 13:57

Tgt Ion:276 Resp: 57227

Ion	Ratio	Lower	Upper
276	100		
138	25.1	21.3	31.9
277	24.9	19.7	29.5



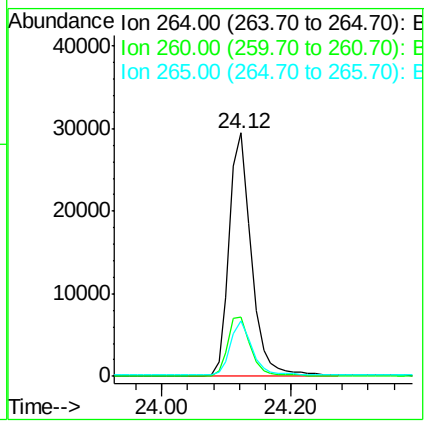


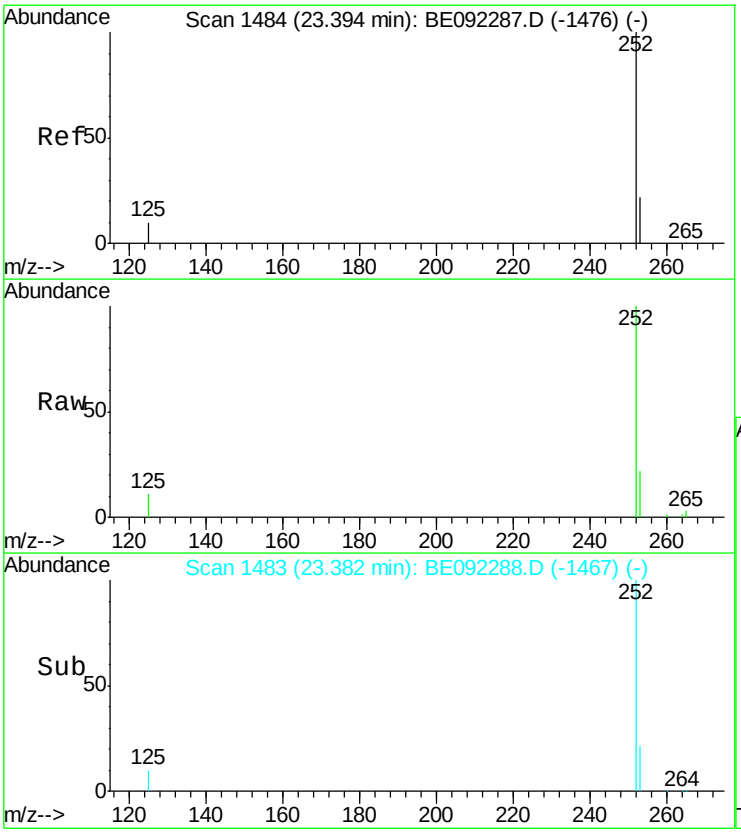
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.12 min Scan# 1547
Delta R.T. -0.00 min
Lab File: BE092288.D
Acq: 29 Aug 2016 13:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 70245

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	22.7	18.2	27.4

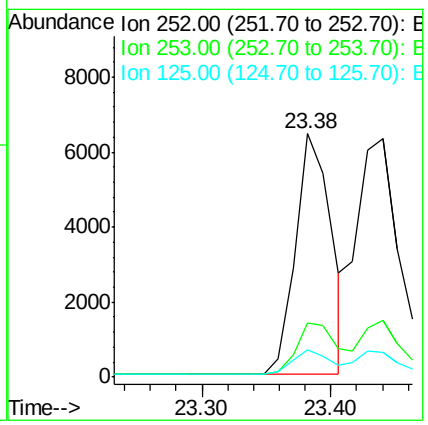


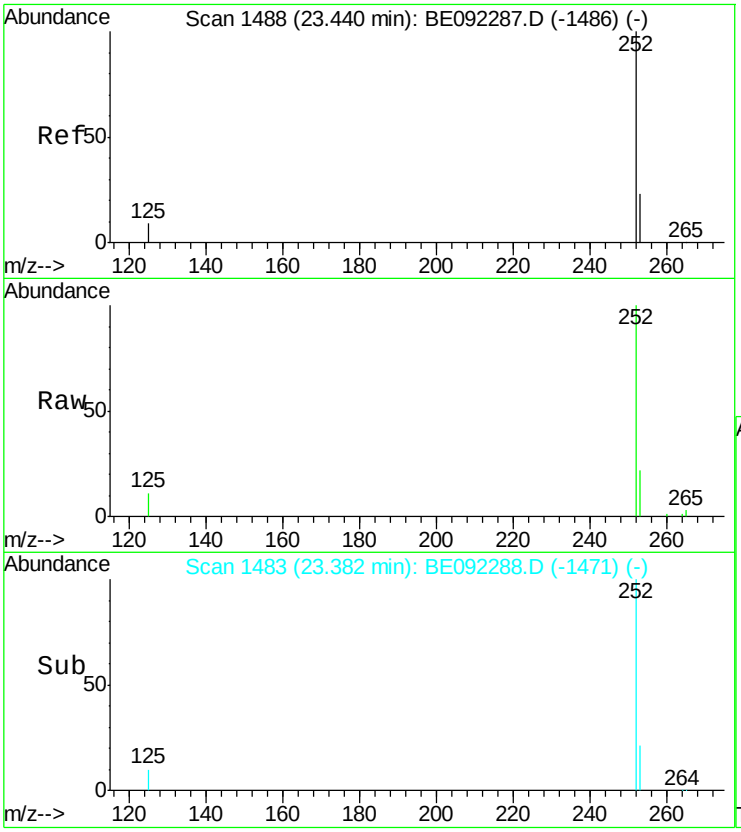


#32
Benzo(b)fluoranthene
Concen: 0.67 ng
RT: 23.38 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BE092288.D
Acq: 29 Aug 2016 13:57

Tgt Ion:252 Resp: 12374

Ion	Ratio	Lower	Upper
252	100		
253	22.2	19.0	28.4
125	11.4	10.3	15.5



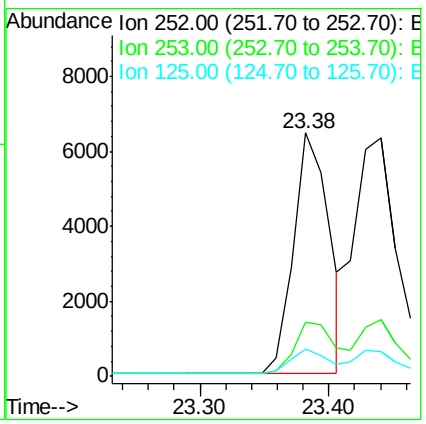


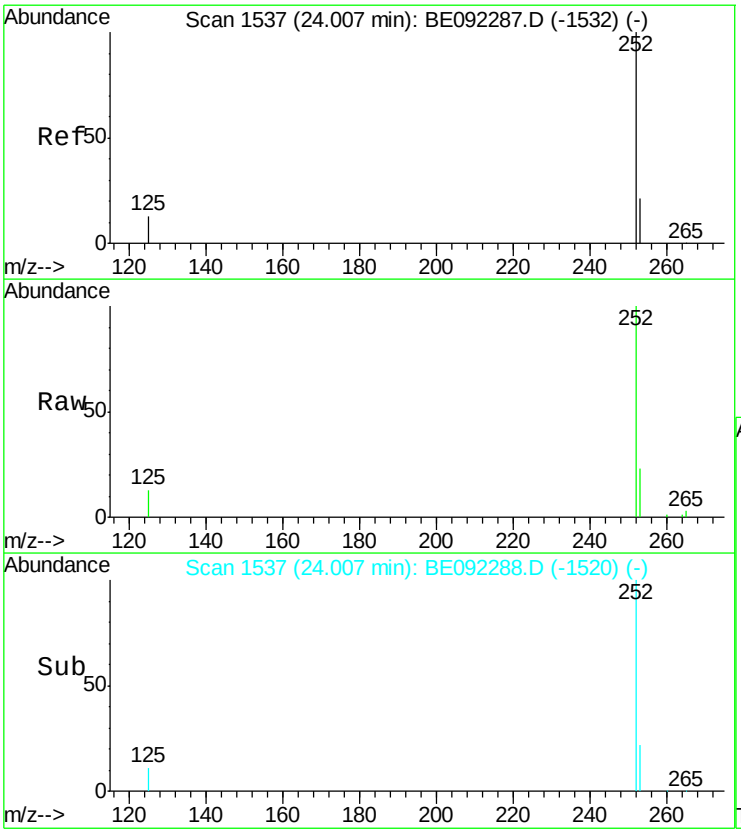
#33
Benzo(k)fluoranthene
Concen: 0.67 ng
RT: 23.38 min Scan# 1483
Delta R.T. -0.06 min
Lab File: BE092288.D
Acq: 29 Aug 2016 13:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 12374

Ion	Ratio	Lower	Upper
252	100		
253	22.2	19.0	28.6
125	11.4	10.6	15.8

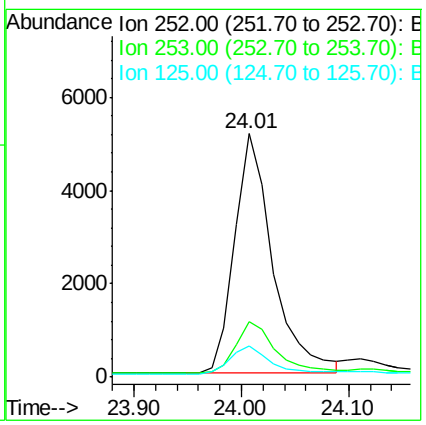


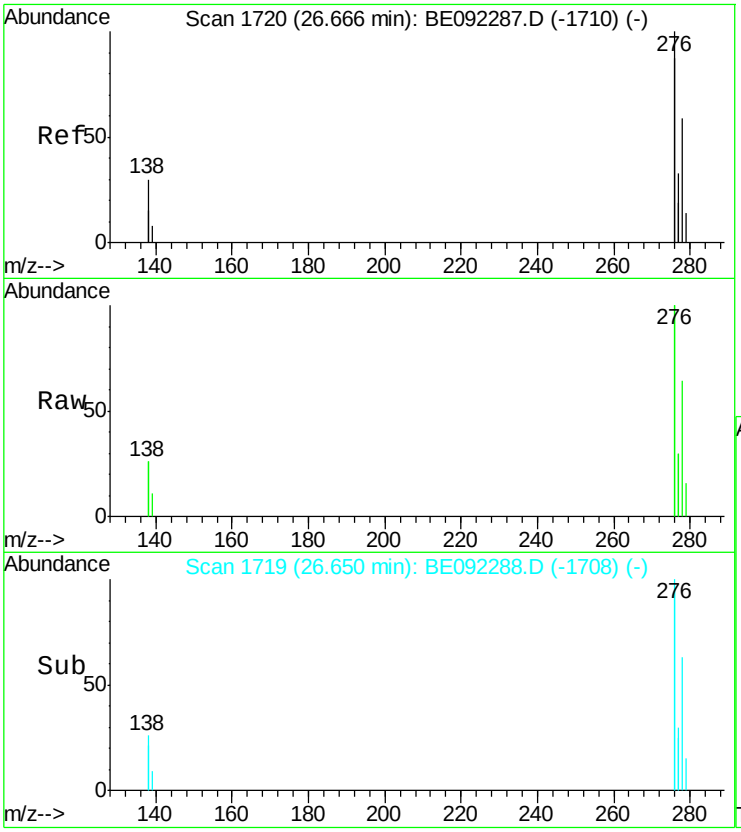


#34
Benzo(a)pyrene
Concen: 0.73 ng
RT: 24.01 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BE092288.D
Acq: 29 Aug 2016 13:57

Tgt Ion:252 Resp: 12650

Ion	Ratio	Lower	Upper
252	100		
253	23.0	20.3	30.5
125	12.7	11.8	17.6



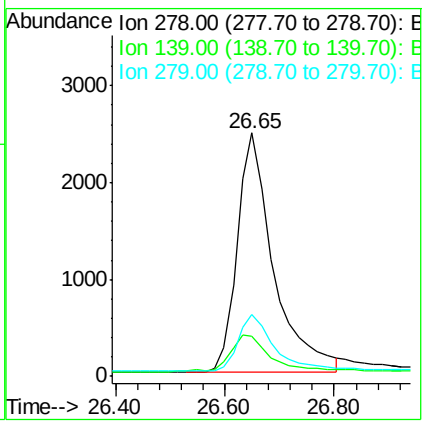


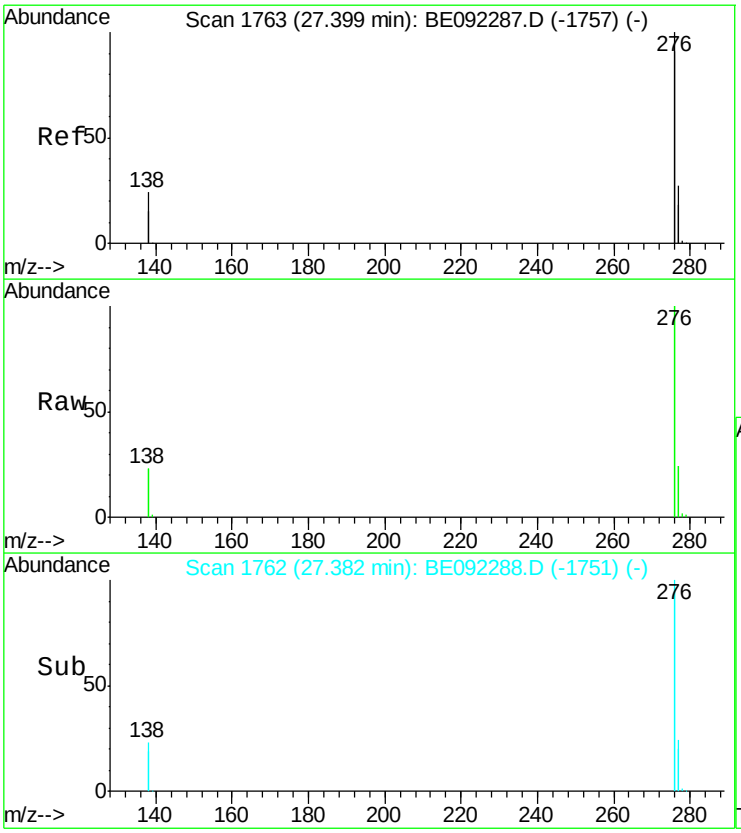
#35
Dibenzo(a,h)anthracene
Concen: 0.70 ng
RT: 26.65 min Scan# 1719
Delta R.T. -0.02 min
Lab File: BE092288.D
Acq: 29 Aug 2016 13:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 11360

Ion	Ratio	Lower	Upper
278	100		
139	16.4	16.2	24.2
279	25.4	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 0.73 ng
RT: 27.38 min Scan# 1762
Delta R.T. -0.02 min
Lab File: BE092288.D
Acq: 29 Aug 2016 13:57

Tgt Ion:276 Resp: 51086

Ion	Ratio	Lower	Upper
276	100		
277	23.8	21.4	32.2
138	23.0	19.4	29.2