Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082916\
Data File : BE092294.D
Acq On : 29 Aug 2016 18:19
Operator : UM/SJ
Sample : PB93078BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB93078BL

Quant Time: Aug 30 00:48:37 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 18:19:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	13398	5.00	ng	0.00
7) Naphthalene-d8	10.97	136	58441	5.00	ng	0.00
12) Acenaphthene-d10	14.83	164	28868	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	64999	5.00	ng	0.00
24) Chrysene-d12	21.75	240	80617	5.00	ng	0.00
31) Perylene-d12	24.12	264	85599	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.68	112	216962	72.17	ng	-0.02
5) Phenol-d6	7.34	99	274784	69.39	ng	-0.04
8) Nitrobenzene-d5	9.34	82	267796	70.04	ng	-0.02
13) 2,4,6-Tribromophenol	16.31	330	56451	72.21	ng	-0.02
14) 2-Fluorobiphenyl	13.44	172	463359	51.12	ng	-0.01
26) Terphenyl-d14	20.19	244	584903	53.70	ng	0.00
Target Compounds						Qvalue
6) bis(2-Chloroethyl)ether	7.70	93	308	0.10	ng	# 1
9) Naphthalene	11.01	128	18	0.00	ng	# 1
11) 2-Methylnaphthalene	12.67	142	12	0.00	ng	# 57
15) Acenaphthylene	14.51	152	16	0.00	ng	# 1
16) Acenaphthene	14.81	154	120	0.01	ng	# 1
17) Fluorene	15.84	166	9	0.00	ng	# 8
20) Pentachlorophenol	17.19	266	1	Below Cal		# 79
21) Phenanthrene	17.58	178	69	0.00	ng	# 1
22) Anthracene	17.76	178	3	0.00	ng	# 61
23) Fluoranthene	19.63	202	25	0.00	ng	# 65
27) Benzo(a)anthracene	21.75	228	1212	0.14	ng	# 70
28) Chrysene	21.75	228	1236	0.02	ng	# 68
29) Bis(2-ethylhexyl)phthalate	21.66	149	80	0.02	ng	# 47
30) Indeno(1,2,3-cd)pyrene	26.60	276	20	0.00	ng	92
32) Benzo(b)fluoranthene	23.39	252	17	0.00	ng	# 1
33) Benzo(k)fluoranthene	23.45	252	10	0.00	ng	# 1
34) Benzo(a)pyrene	24.01	252	14	0.00	ng	# 1
35) Dibenzo(a,h)anthracene	26.55	278	1	0.00	ng	# 1
36) Benzo(g,h,i)perylene	27.49	276	74	0.00	ng	# 1

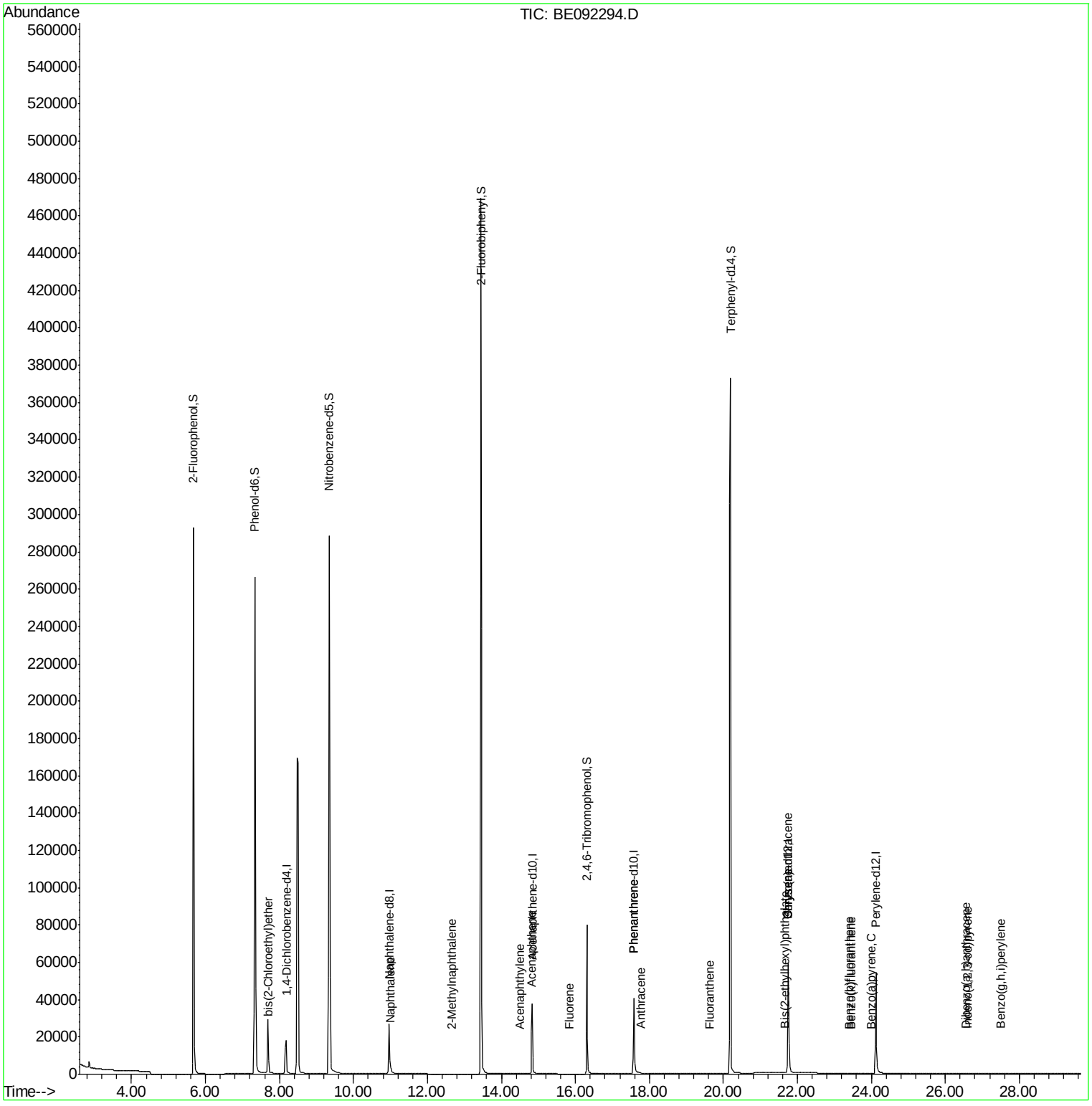
(#) = qualifier out of range (m) = manual integration (+) = signals summed

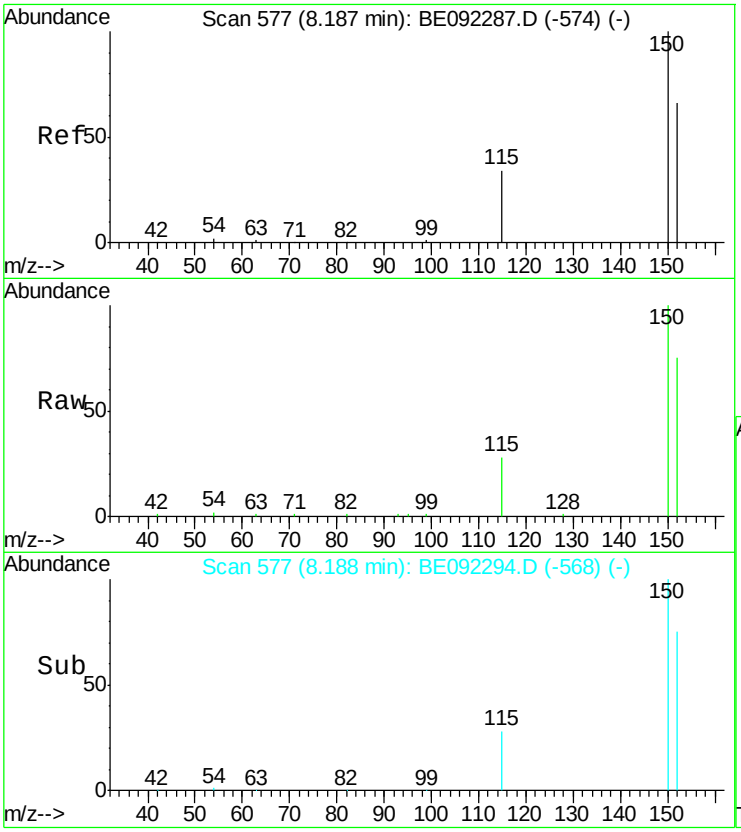
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082916\
Data File : BE092294.D
Acq On : 29 Aug 2016 18:19
Operator : UM/SJ
Sample : PB93078BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB93078BL

Quant Time: Aug 30 00:48:37 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 18:19:23 2016
Response via : Initial Calibration



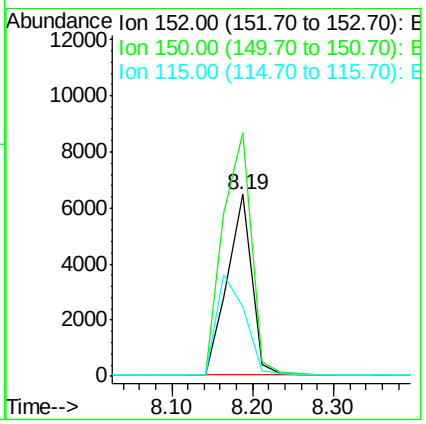


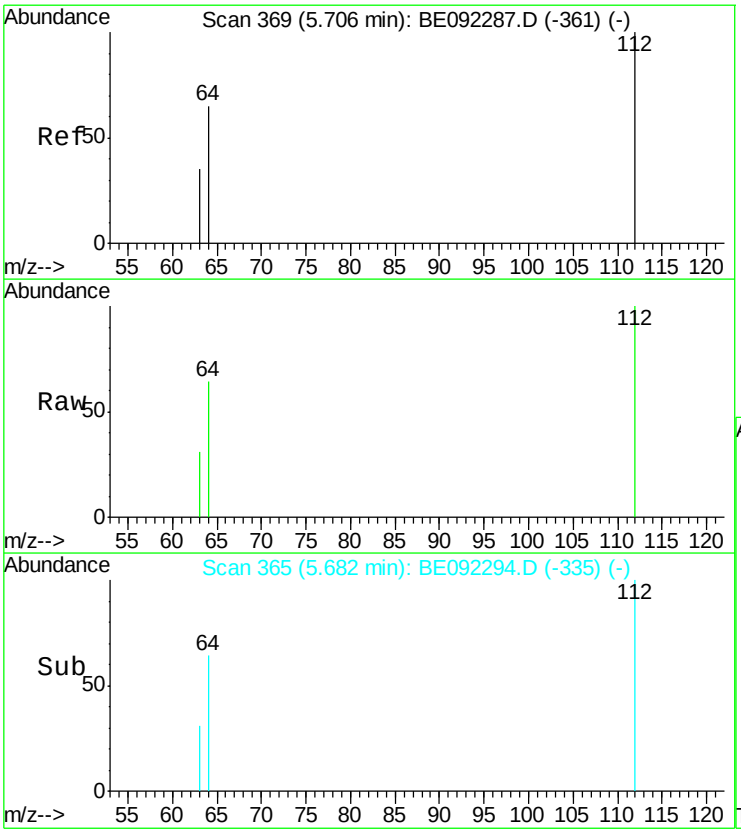
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.19 min Scan# 577
Delta R.T. 0.00 min
Lab File: BE092294.D
Acq: 29 Aug 2016 18:19

Instrument :
BNA_E
ClientSampleId :
PB93078BL

Tgt Ion:152 Resp: 13398

Ion	Ratio	Lower	Upper
152	100		
150	133.9	135.6	203.4#
115	38.0	59.4	89.0#

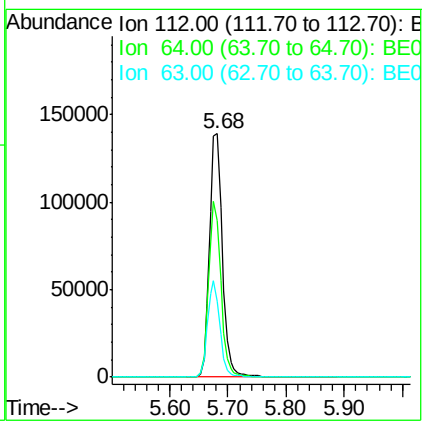


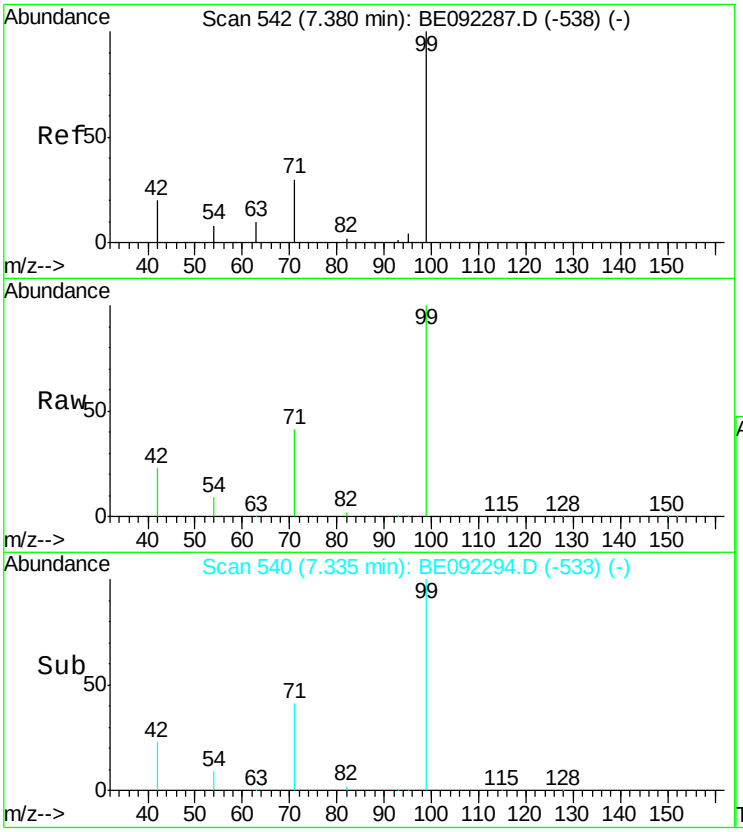


#4
2-Fluorophenol
Concen: 72.17 ng
RT: 5.68 min Scan# 365
Delta R.T. -0.02 min
Lab File: BE092294.D
Acq: 29 Aug 2016 18:19

Tgt Ion:112 Resp: 216962

Ion	Ratio	Lower	Upper
112	100		
64	69.1	53.2	79.8
63	37.9	27.4	41.2



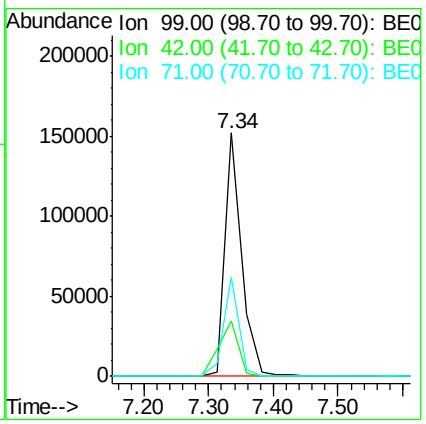


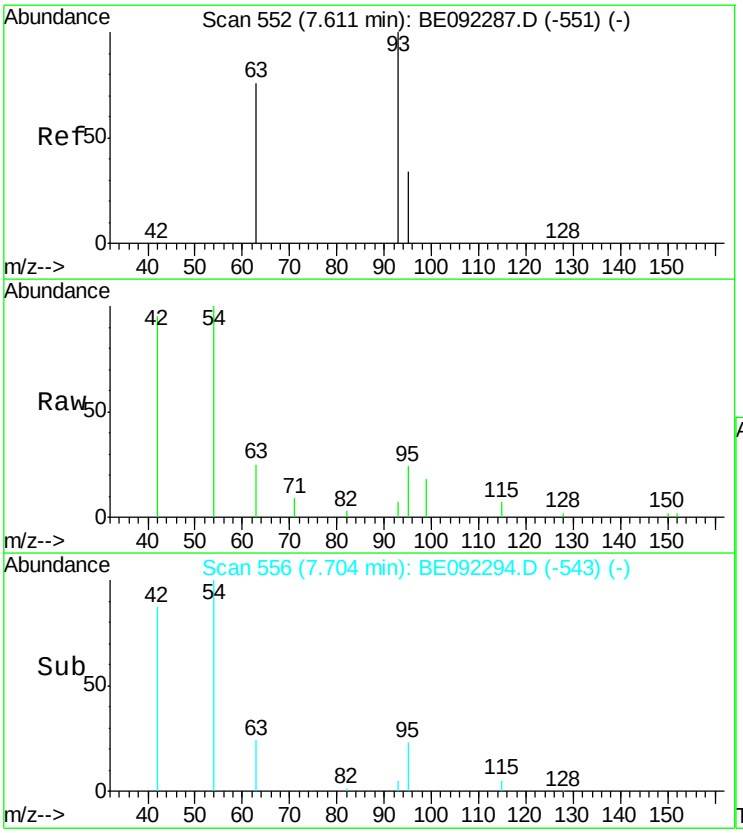
#5
Phenol-d6
Concen: 69.39 ng
RT: 7.34 min Scan# 540
Delta R.T. -0.04 min
Lab File: BE092294.D
Acq: 29 Aug 2016 18:19

Instrument :
BNA_E
ClientSampleId :
PB93078BL

Tgt Ion: 99 Resp: 274784

Ion	Ratio	Lower	Upper
99	100		
42	27.2	0.0	0.0#
71	37.9	29.8	44.8

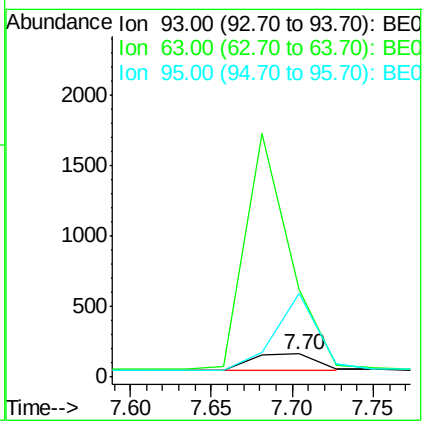


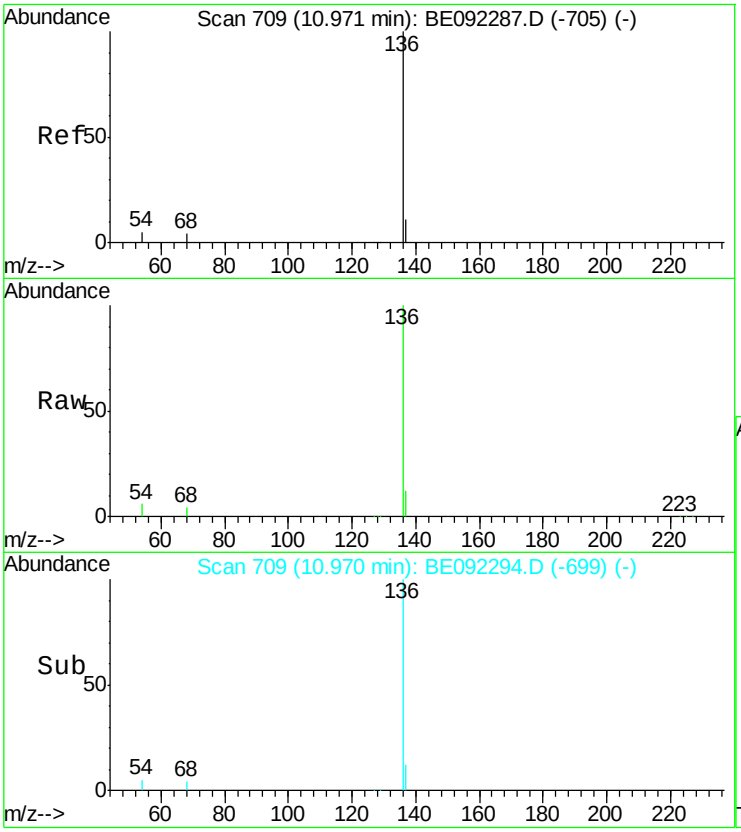


#6
bis(2-Chloroethyl)ether
Concen: 0.10 ng
RT: 7.70 min Scan# 556
Delta R.T. 0.09 min
Lab File: BE092294.D
Acq: 29 Aug 2016 18:19

Tgt Ion: 93 Resp: 308

Ion	Ratio	Lower	Upper
93	100		
63	0.0	68.5	102.7#
95	323.4	27.2	40.8#



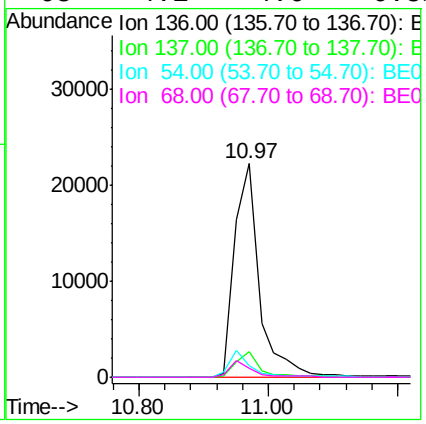


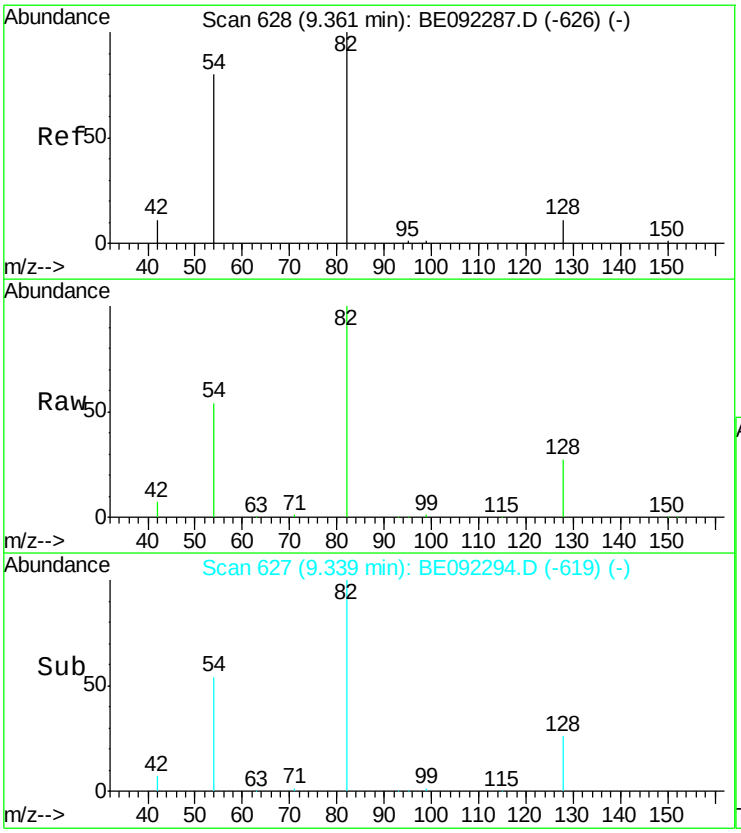
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.97 min Scan# 709
Delta R.T. -0.00 min
Lab File: BE092294.D
Acq: 29 Aug 2016 18:19

Instrument :
BNA_E
ClientSampleId :
PB93078BL

Tgt Ion:136 Resp: 58441

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.8	13.2
54	5.5	6.2	9.4#
68	4.1	4.6	6.8#

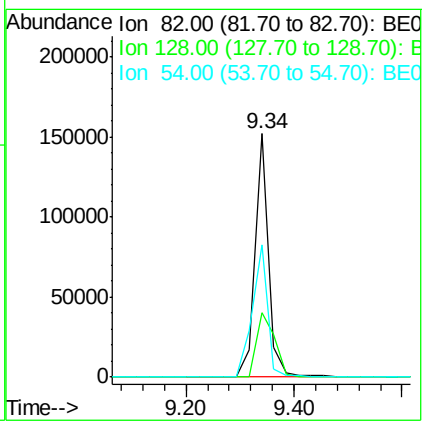


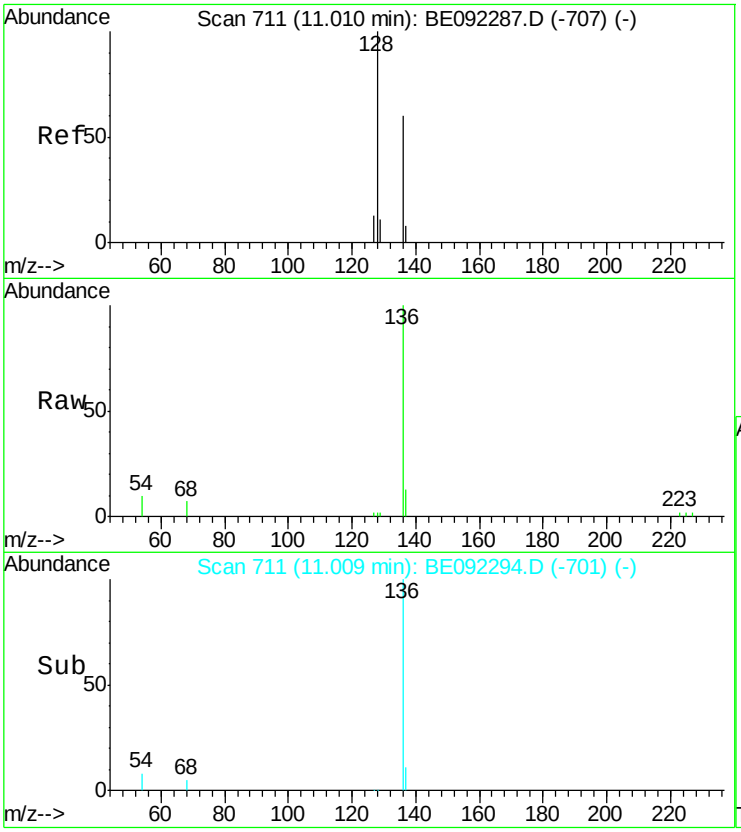


#8
Nitrobenzene-d5
Concen: 70.04 ng
RT: 9.34 min Scan# 627
Delta R.T. -0.02 min
Lab File: BE092294.D
Acq: 29 Aug 2016 18:19

Tgt Ion: 82 Resp: 267796

Ion	Ratio	Lower	Upper
82	100		
128	26.5	45.0	67.4#
54	54.4	45.4	68.2



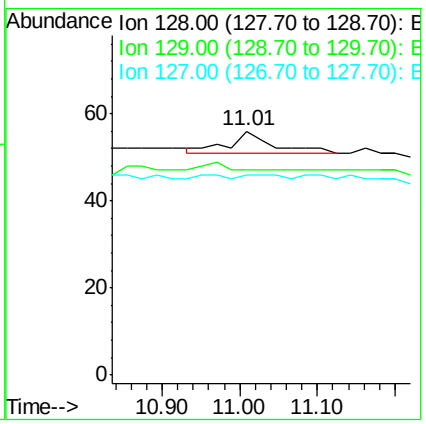


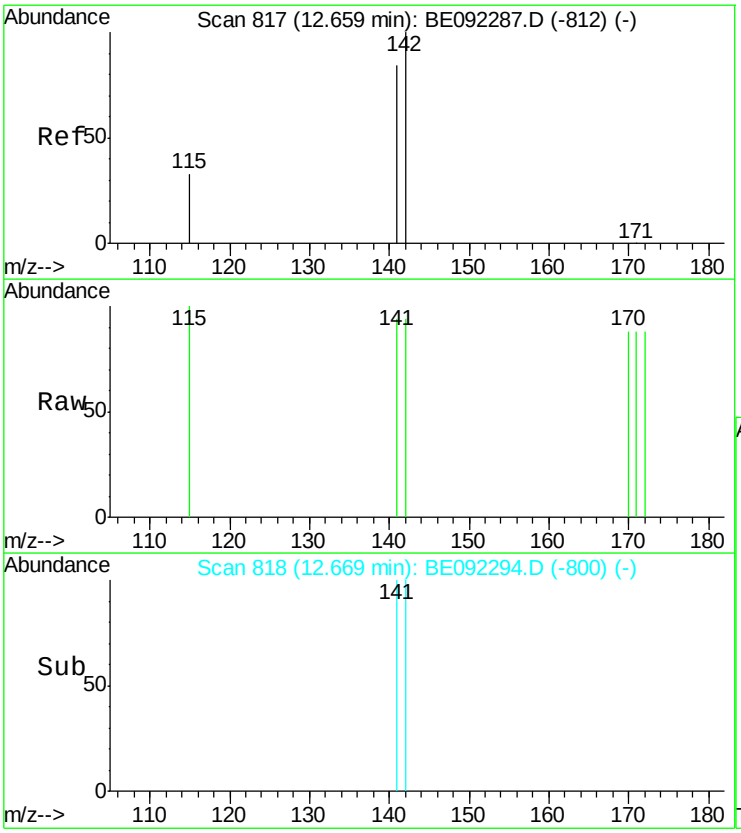
#9
Naphthalene
Concen: 0.00 ng
RT: 11.01 min Scan# 711
Delta R.T. -0.00 min
Lab File: BE092294.D
Acq: 29 Aug 2016 18:19

Instrument :
BNA_E
ClientSampleId :
PB93078BL

Tgt Ion:128 Resp: 18

Ion	Ratio	Lower	Upper
128	100		
129	83.9	11.5	17.3#
127	82.1	11.0	16.6#

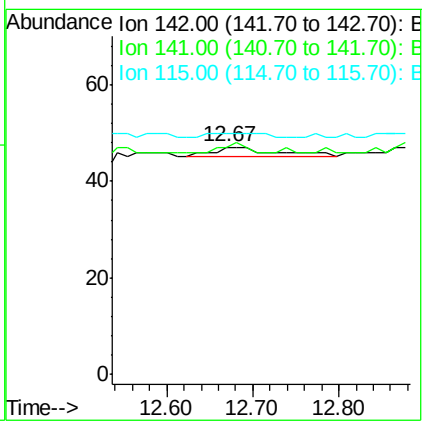


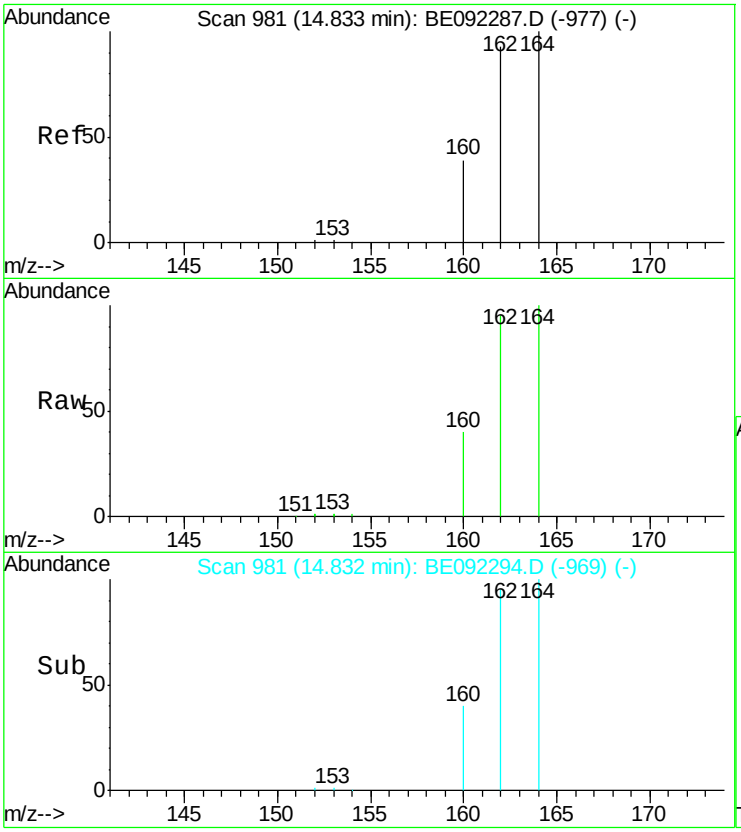


#11
2-Methylnaphthalene
Concen: 0.00 ng
RT: 12.67 min Scan# 818
Delta R.T. 0.01 min
Lab File: BE092294.D
Acq: 29 Aug 2016 18:19

Tgt Ion:142 Resp: 12

Ion	Ratio	Lower	Upper
142	100		
141	100.0	70.6	105.8
115	106.4	31.0	46.4#



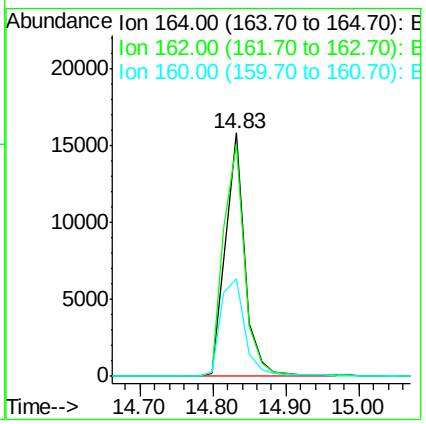


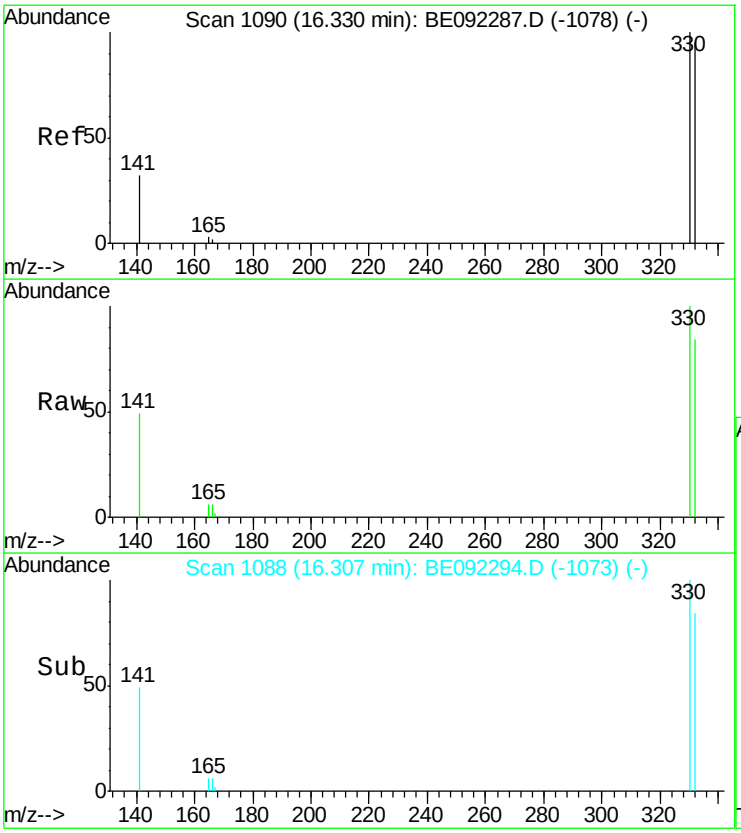
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.83 min Scan# 981
Delta R.T. -0.00 min
Lab File: BE092294.D
Acq: 29 Aug 2016 18:19

Instrument :
BNA_E
ClientSampleId :
PB93078BL

Tgt Ion:164 Resp: 28868

Ion	Ratio	Lower	Upper
164	100		
162	95.1	83.3	124.9
160	39.9	38.0	57.0

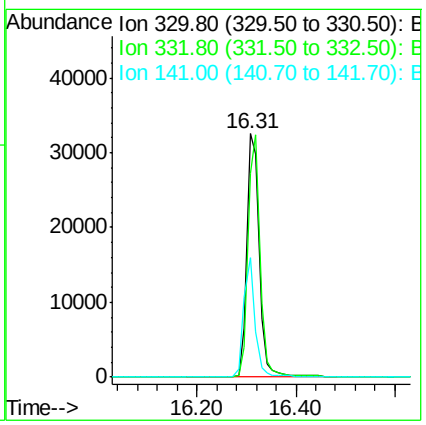


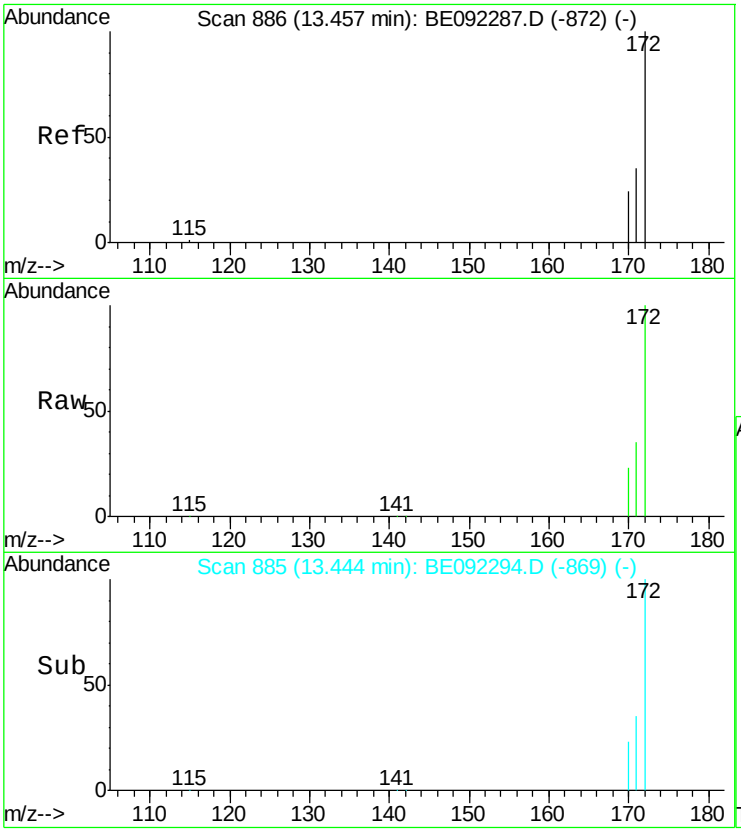


#13
2,4,6-Tribromophenol
Concen: 72.21 ng
RT: 16.31 min Scan# 1088
Delta R.T. -0.02 min
Lab File: BE092294.D
Acq: 29 Aug 2016 18:19

Tgt Ion:330 Resp: 56451

Ion	Ratio	Lower	Upper
330	100		
332	96.6	75.4	113.0
141	44.7	37.7	56.5



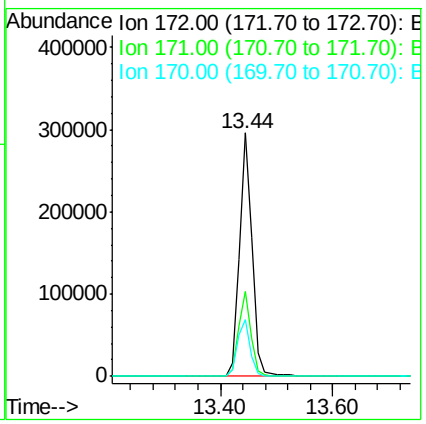


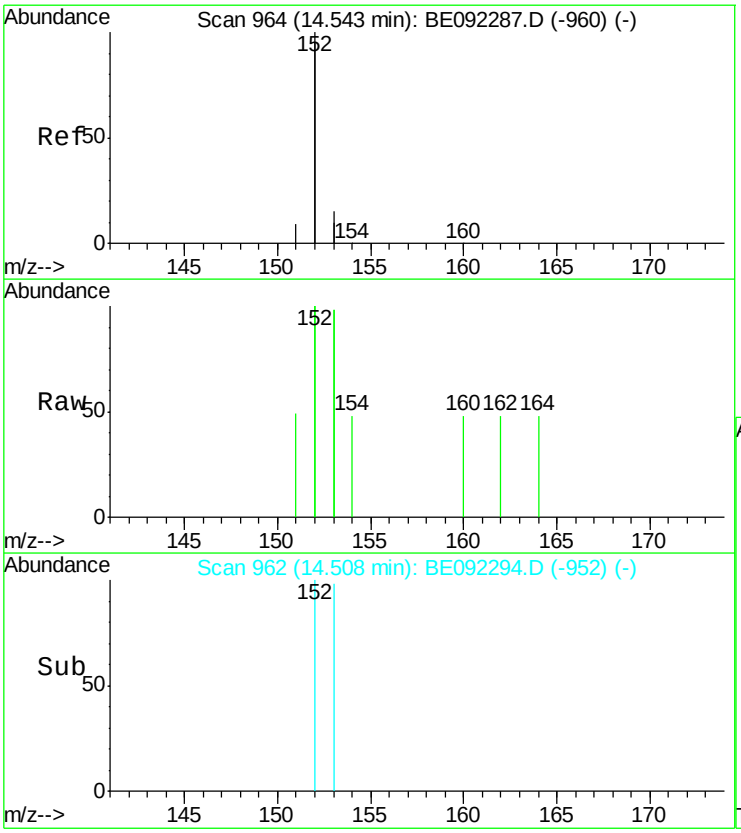
#14
2-Fluorobiphenyl
Concen: 51.12 ng
RT: 13.44 min Scan# 885
Delta R.T. -0.01 min
Lab File: BE092294.D
Acq: 29 Aug 2016 18:19

Instrument :
BNA_E
ClientSampleId :
PB93078BL

Tgt Ion:172 Resp: 463359

Ion	Ratio	Lower	Upper
172	100		
171	34.8	26.8	40.2
170	23.3	17.8	26.6

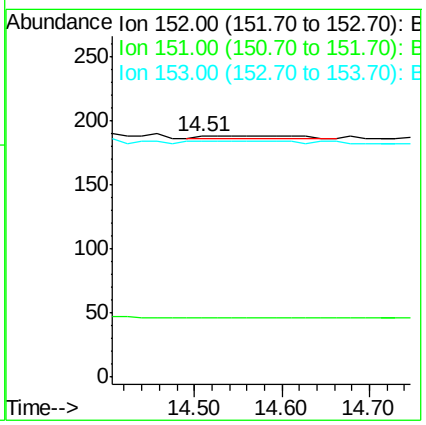


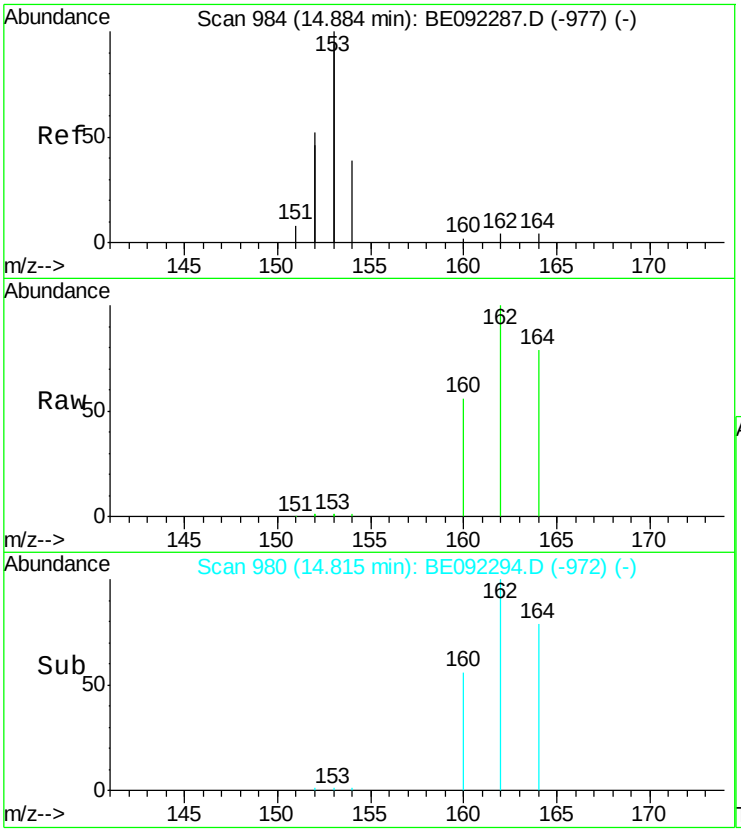


#15
Acenaphthylene
Concen: 0.00 ng
RT: 14.51 min Scan# 962
Delta R.T. -0.03 min
Lab File: BE092294.D
Acq: 29 Aug 2016 18:19

Tgt Ion:152 Resp: 16

Ion	Ratio	Lower	Upper
152	100		
151	0.0	3.8	5.8#
153	100.0	10.2	15.2#



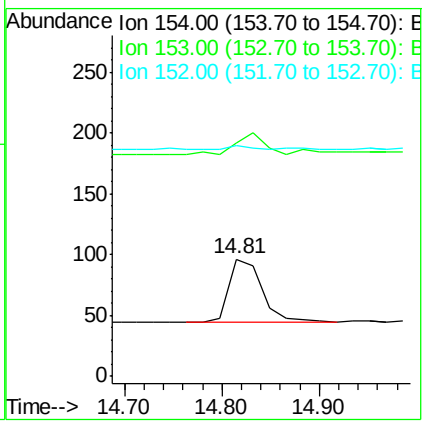


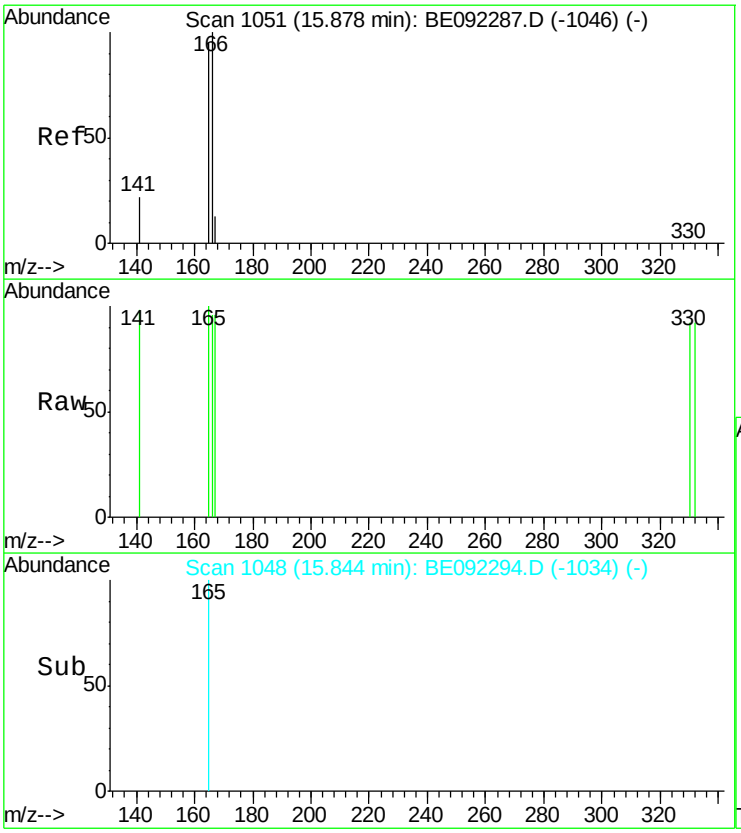
#16
Acenaphthene
Concen: 0.01 ng
RT: 14.81 min Scan# 980
Delta R.T. -0.07 min
Lab File: BE092294.D
Acq: 29 Aug 2016 18:19

Instrument :
BNA_E
ClientSampleId :
PB93078BL

Tgt Ion:154 Resp: 120

Ion	Ratio	Lower	Upper
154	100		
153	30.8	355.0	532.4#
152	5.0	179.7	269.5#

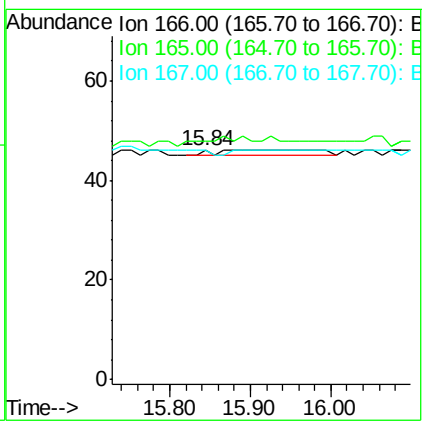


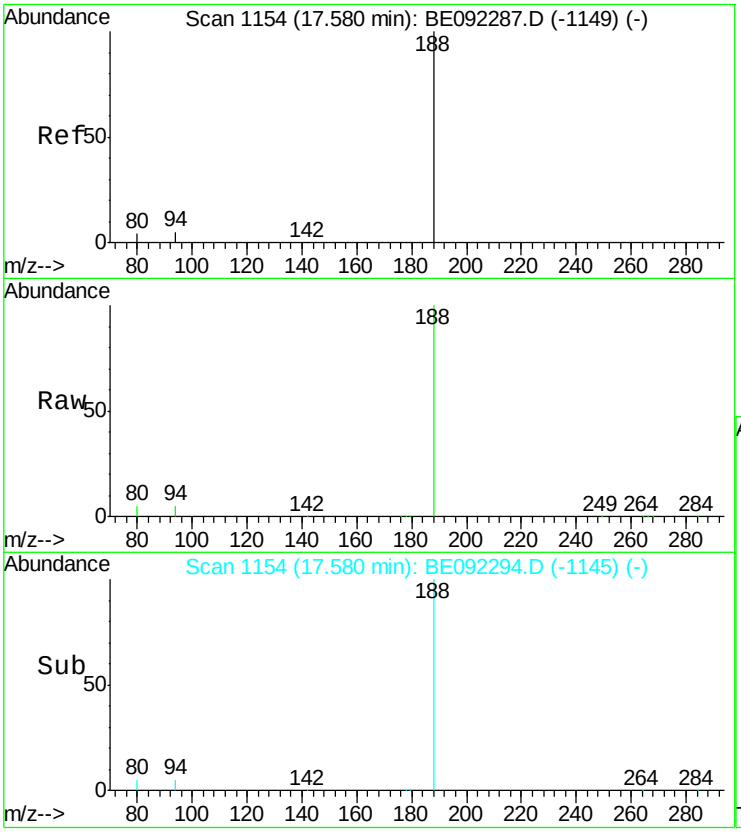


#17
Fluorene
Concen: 0.00 ng
RT: 15.84 min Scan# 1048
Delta R.T. -0.03 min
Lab File: BE092294.D
Acq: 29 Aug 2016 18:19

Tgt Ion:166 Resp: 9

Ion	Ratio	Lower	Upper
166	100		
165	0.0	80.1	120.1#
167	0.0	10.6	16.0#



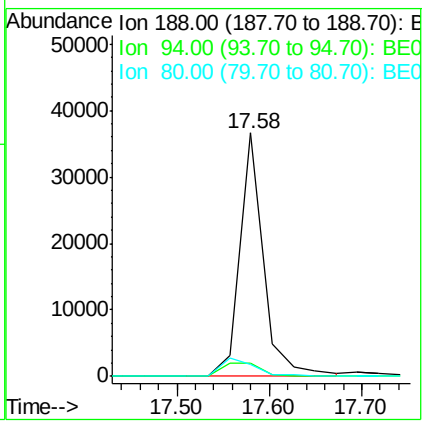


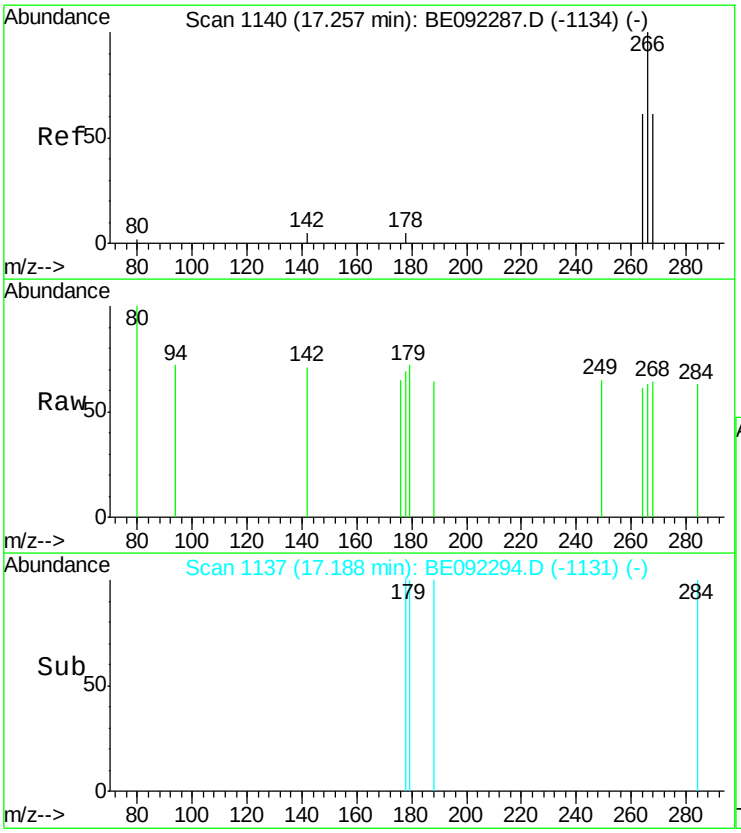
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.58 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE092294.D
Acq: 29 Aug 2016 18:19

Instrument :
BNA_E
ClientSampleId :
PB93078BL

Tgt Ion:188 Resp: 64999

Ion	Ratio	Lower	Upper
188	100		
94	5.5	9.2	13.8#
80	4.9	9.1	13.7#

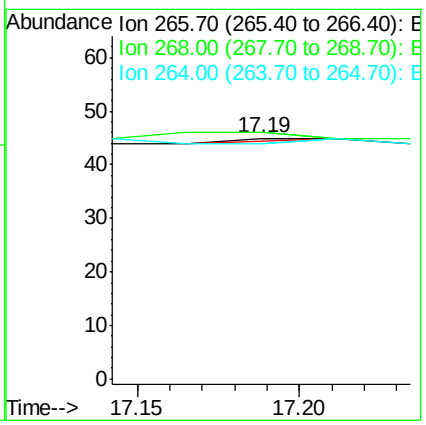


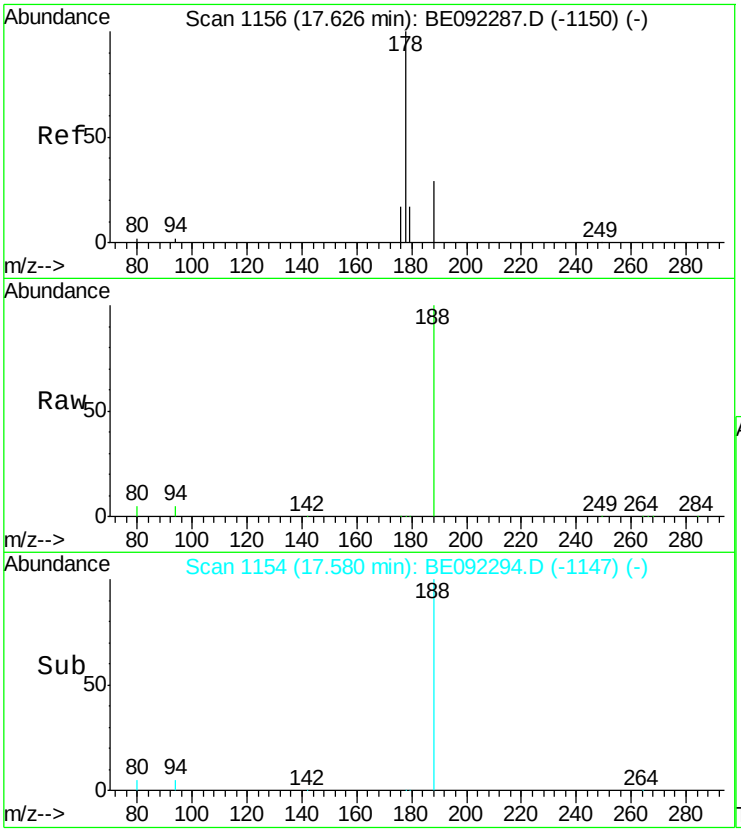


#20
Pentachlorophenol
Concen: Below Cal
RT: 17.19 min Scan# 1137
Delta R.T. -0.07 min
Lab File: BE092294.D
Acq: 29 Aug 2016 18:19

Tgt Ion:266 Resp: 1

Ion	Ratio	Lower	Upper
266	100		
268	102.2	62.3	93.5#
264	97.8	67.4	101.0



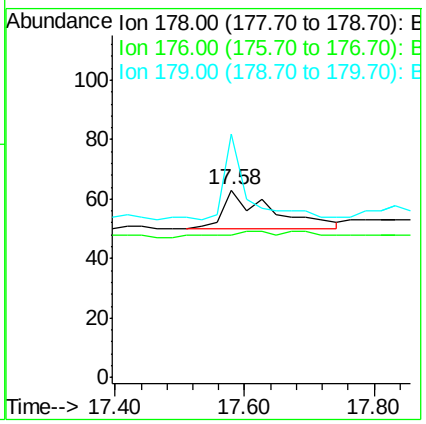


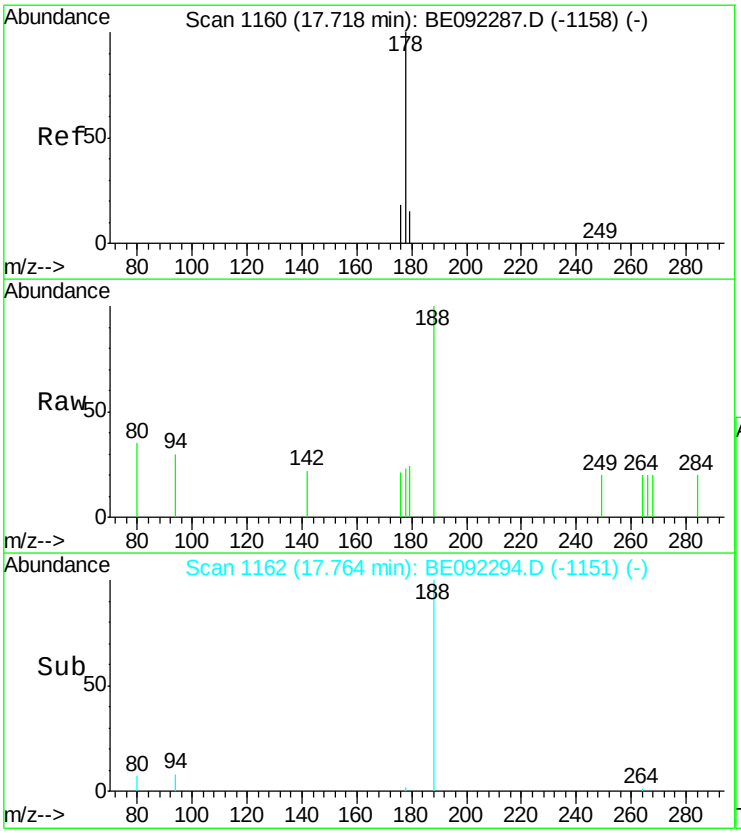
#21
Phenanthrene
Concen: 0.00 ng
RT: 17.58 min Scan# 1154
Delta R.T. -0.05 min
Lab File: BE092294.D
Acq: 29 Aug 2016 18:19

Instrument :
BNA_E
ClientSampleId :
PB93078BL

Tgt Ion:178 Resp: 69

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.1	22.7#
179	108.7	12.9	19.3#

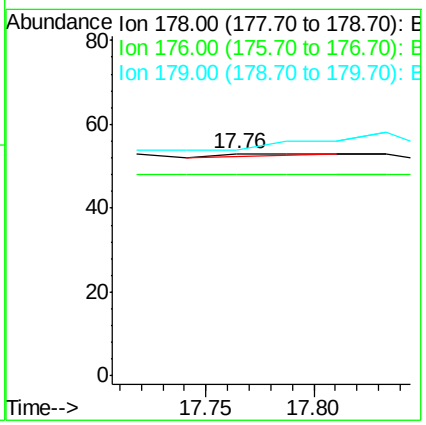


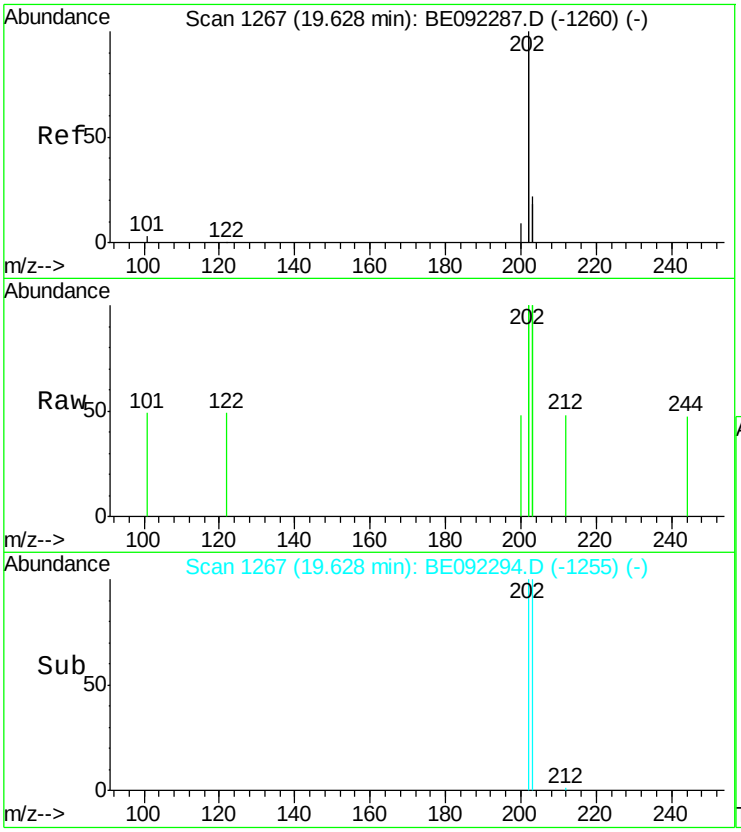


#22
Anthracene
Concen: 0.00 ng
RT: 17.76 min Scan# 1162
Delta R.T. 0.05 min
Lab File: BE092294.D
Acq: 29 Aug 2016 18:19

Tgt Ion:178 Resp: 3

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.0	22.4#
179	0.0	12.0	18.0#



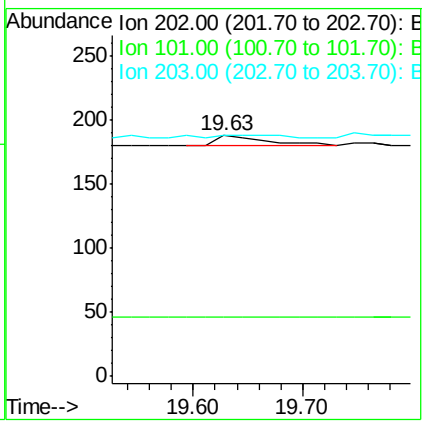


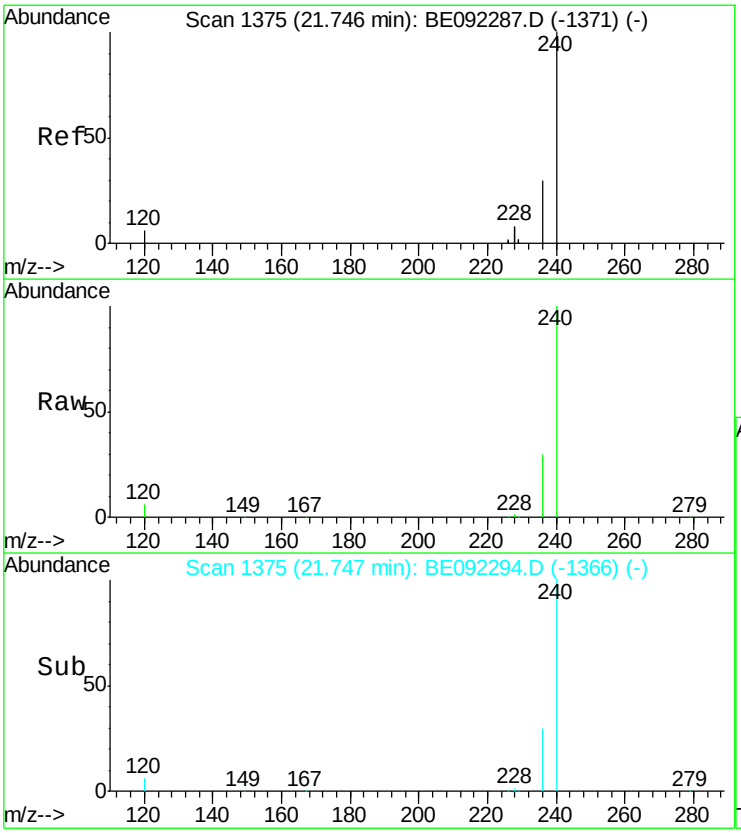
#23
Fluoranthene
Concen: 0.00 ng
RT: 19.63 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BE092294.D
Acq: 29 Aug 2016 18:19

Instrument :
BNA_E
ClientSampleId :
PB93078BL

Tgt Ion:202 Resp: 25

Ion	Ratio	Lower	Upper
202	100		
101	0.0	2.2	3.4#
203	0.0	13.7	20.5#

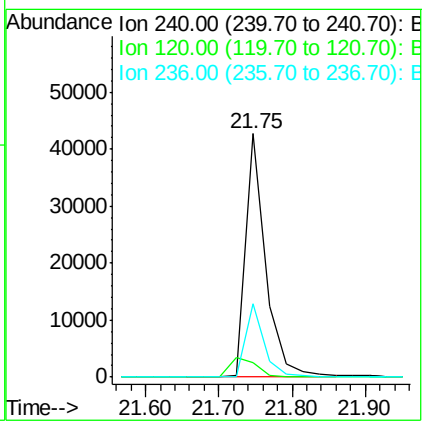


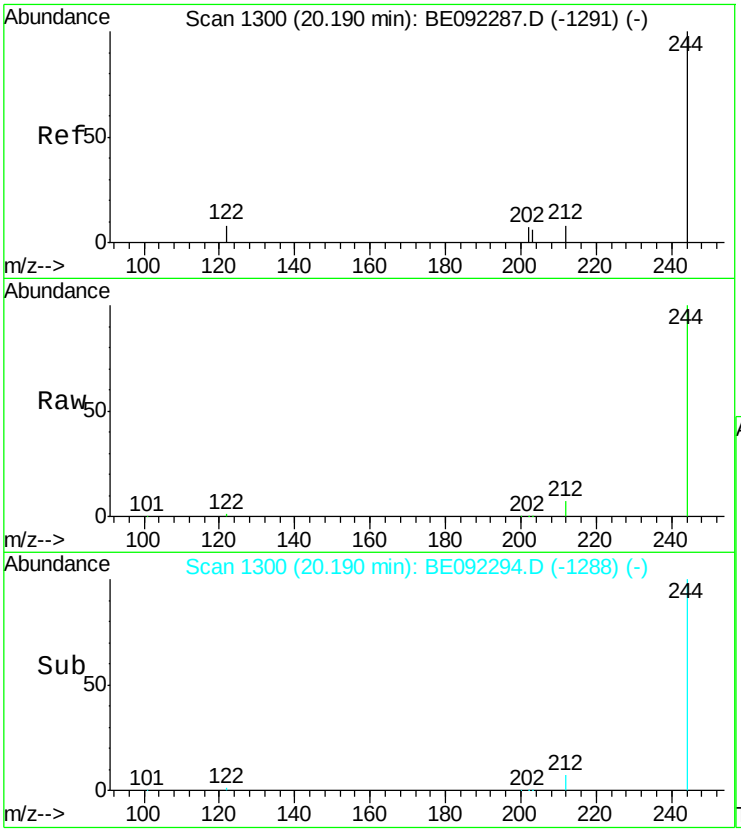


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE092294.D
Acq: 29 Aug 2016 18:19

Tgt Ion:240 Resp: 80617

Ion	Ratio	Lower	Upper
240	100		
120	5.8	1.2	1.8#
236	30.0	17.1	25.7#



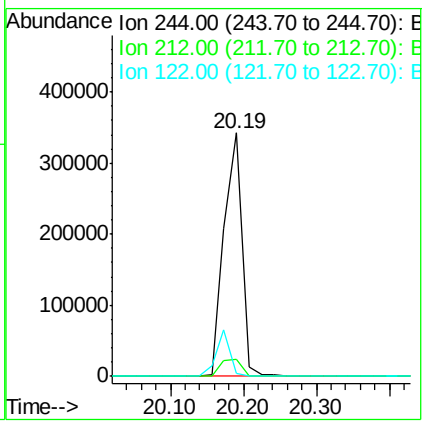


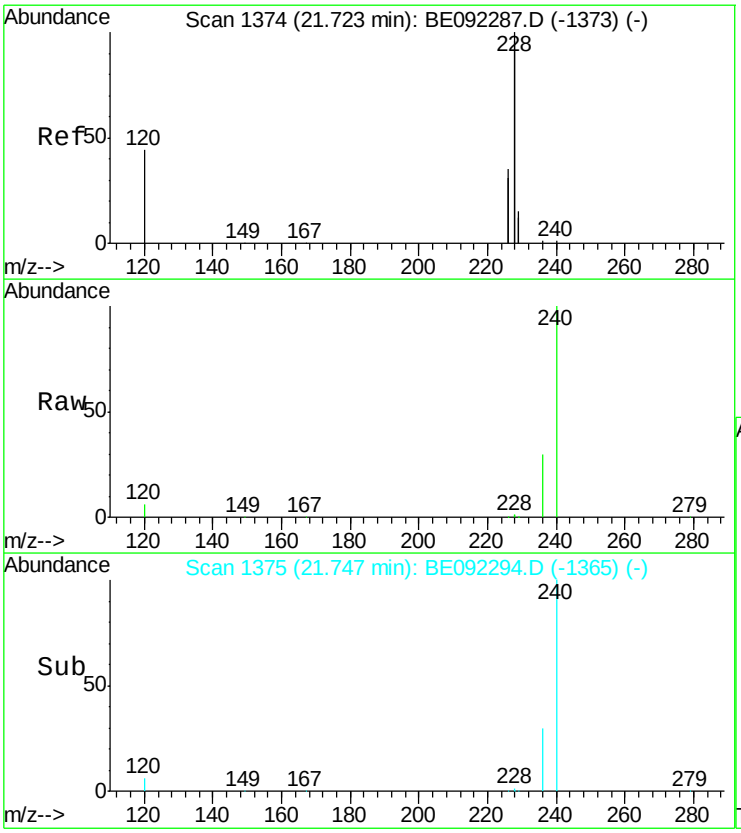
#26
Terphenyl-d14
Concen: 53.70 ng
RT: 20.19 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BE092294.D
Acq: 29 Aug 2016 18:19

Instrument :
BNA_E
ClientSampleId :
PB93078BL

Tgt Ion:244 Resp: 584903

Ion	Ratio	Lower	Upper
244	100		
212	7.2	10.2	15.2#
122	1.1	15.9	23.9#

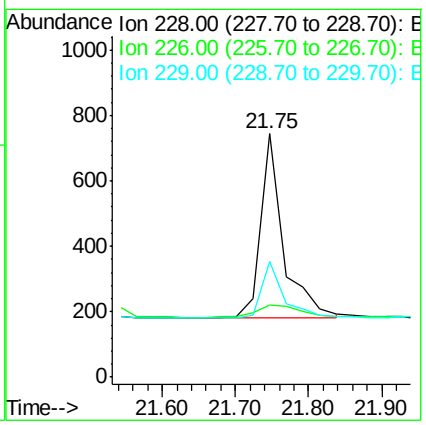


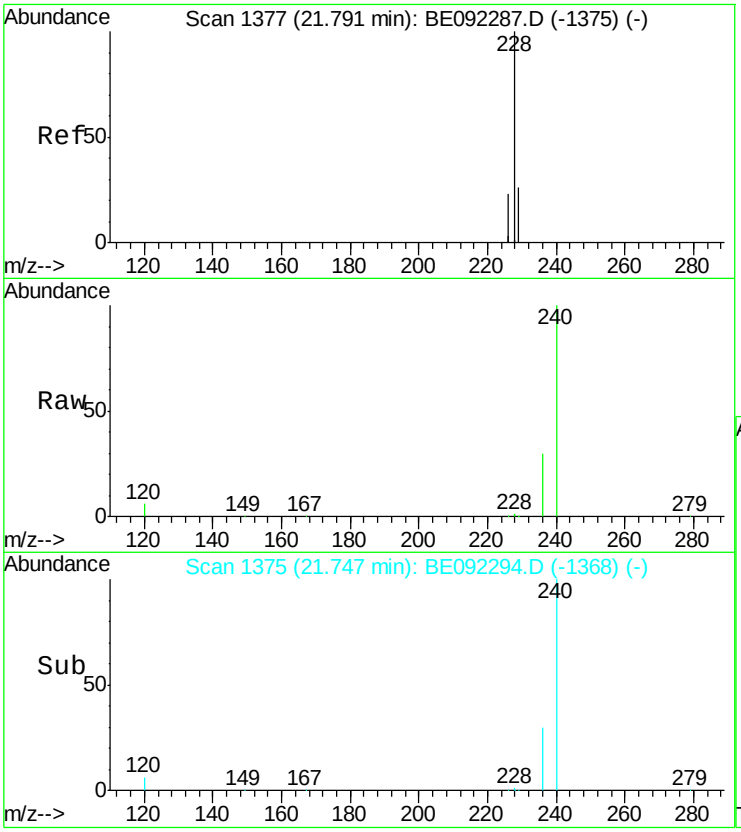


#27
Benzo(a)anthracene
Concen: 0.14 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.02 min
Lab File: BE092294.D
Acq: 29 Aug 2016 18:19

Tgt Ion:228 Resp: 1212

Ion	Ratio	Lower	Upper
228	100		
226	29.8	15.9	23.9#
229	47.3	22.4	33.6#



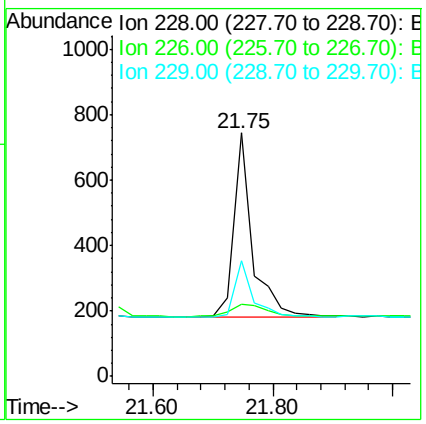


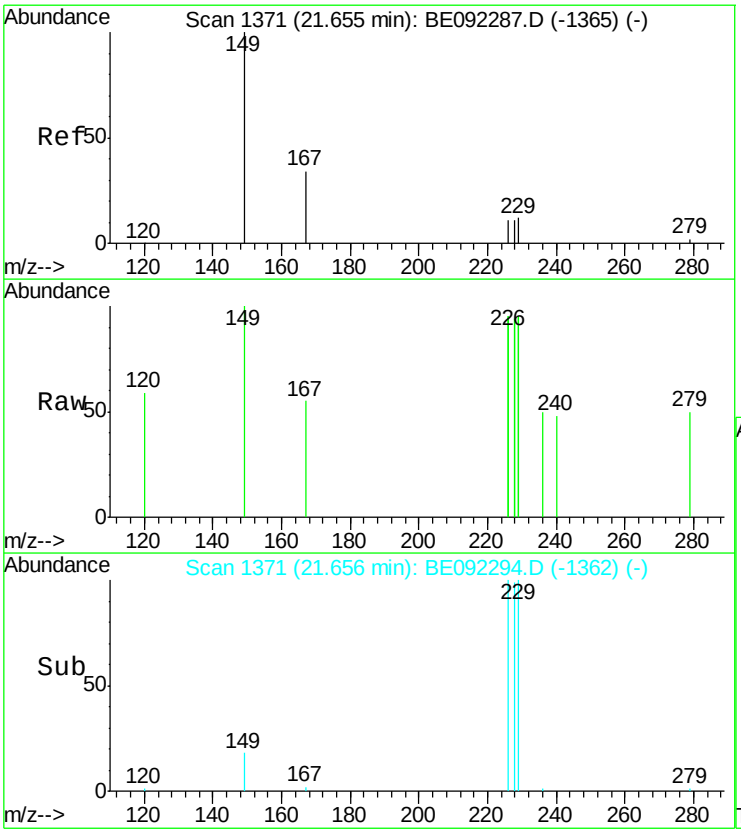
#28
Chrysene
Concen: 0.02 ng
RT: 21.75 min Scan# 1375
Delta R.T. -0.04 min
Lab File: BE092294.D
Acq: 29 Aug 2016 18:19

Instrument :
BNA_E
ClientSampleId :
PB93078BL

Tgt Ion:228 Resp: 1236

Ion	Ratio	Lower	Upper
228	100		
226	29.8	18.3	27.5#
229	47.3	18.6	27.8#

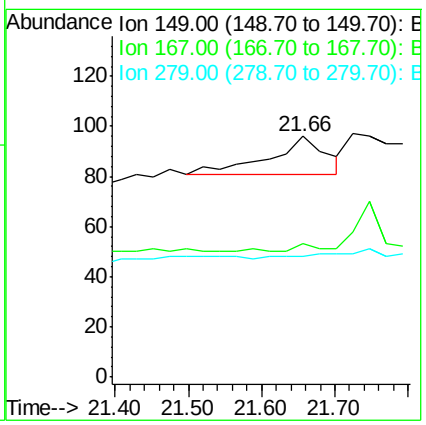


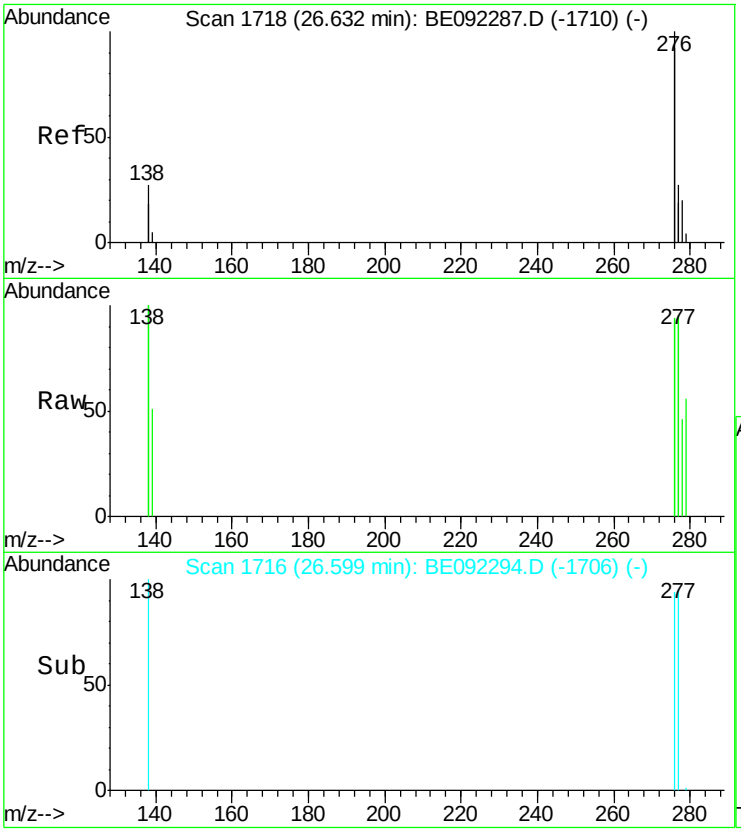


#29
Bis(2-ethylhexyl)phthalate
Concen: 0.02 ng
RT: 21.66 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE092294.D
Acq: 29 Aug 2016 18:19

Tgt Ion:149 Resp: 80

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



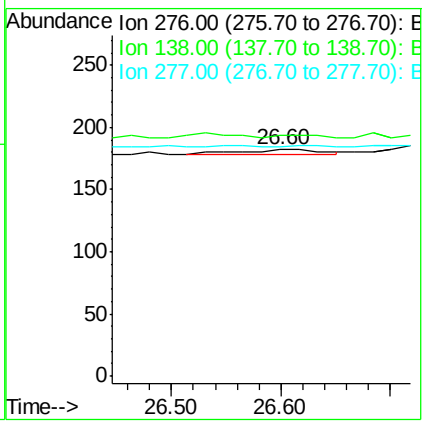


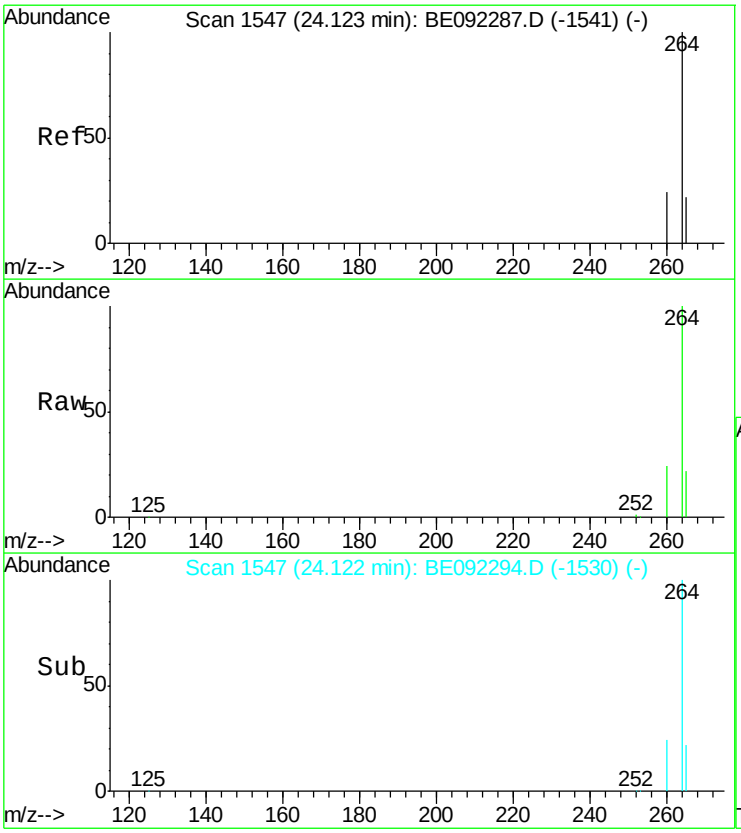
#30
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng
RT: 26.60 min Scan# 1716
Delta R.T. -0.03 min
Lab File: BE092294.D
Acq: 29 Aug 2016 18:19

Instrument :
BNA_E
ClientSampleId :
PB93078BL

Tgt Ion:276 Resp: 20

Ion	Ratio	Lower	Upper
276	100		
138	30.0	21.3	31.9
277	20.0	19.7	29.5

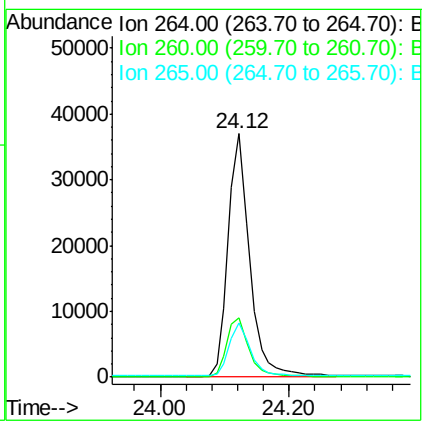


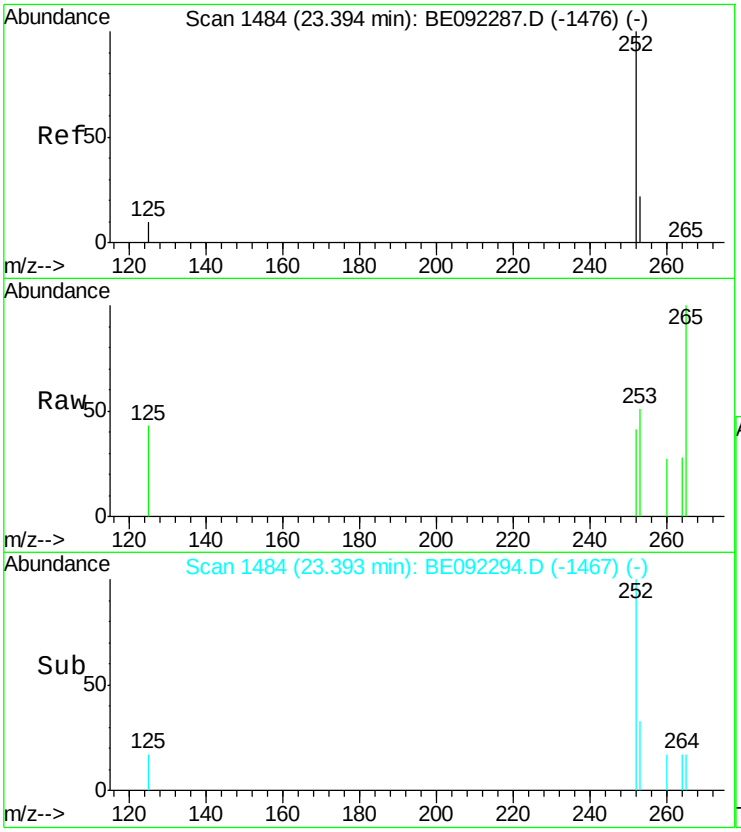


#31
Perylene-d12
Concen: 5.00 ng
RT: 24.12 min Scan# 1547
Delta R.T. -0.00 min
Lab File: BE092294.D
Acq: 29 Aug 2016 18:19

Tgt Ion:264 Resp: 85599

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	22.2	18.2	27.4



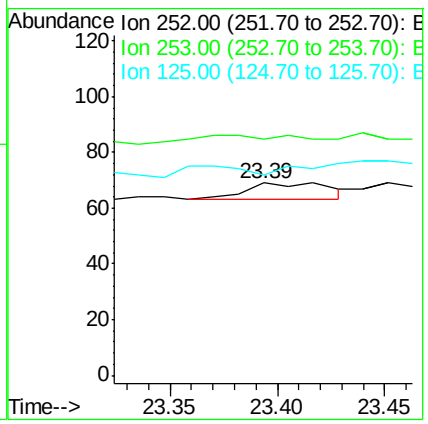


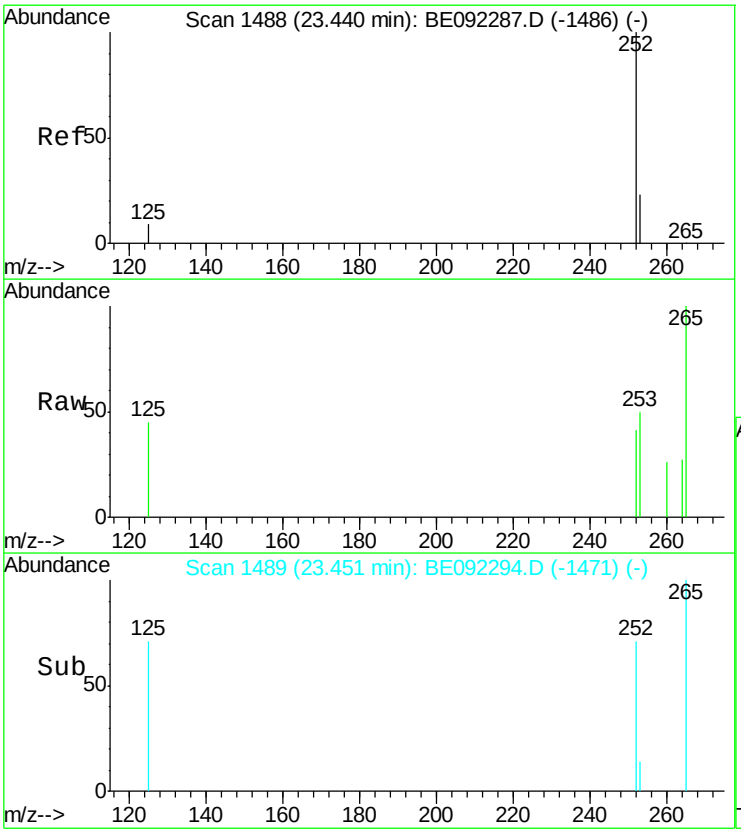
#32
Benzo(b)fluoranthene
Concen: 0.00 ng
RT: 23.39 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BE092294.D
Acq: 29 Aug 2016 18:19

Instrument :
BNA_E
ClientSampleId :
PB93078BL

Tgt Ion:252 Resp: 17

Ion	Ratio	Lower	Upper
252	100		
253	123.2	19.0	28.4#
125	104.3	10.3	15.5#

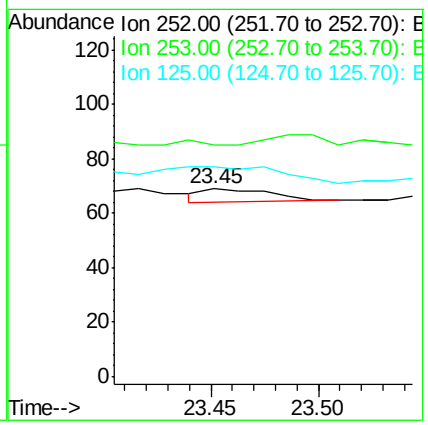


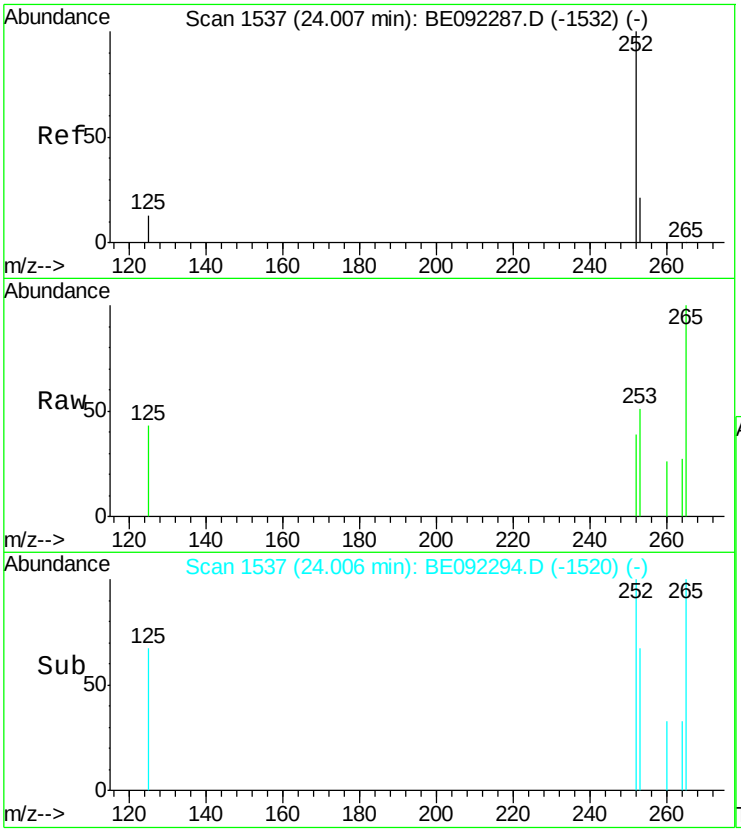


#33
Benzo(k)fluoranthene
Concen: 0.00 ng
RT: 23.45 min Scan# 1489
Delta R.T. 0.01 min
Lab File: BE092294.D
Acq: 29 Aug 2016 18:19

Tgt Ion:252 Resp: 10

Ion	Ratio	Lower	Upper
252	100		
253	123.2	19.0	28.6#
125	111.6	10.6	15.8#



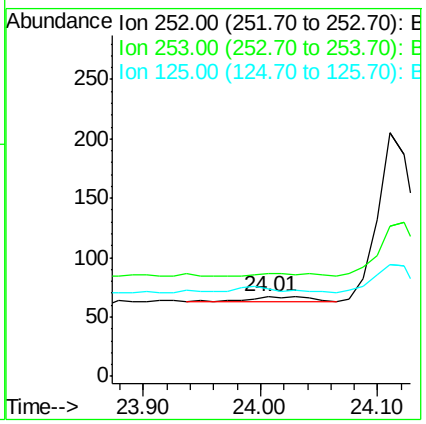


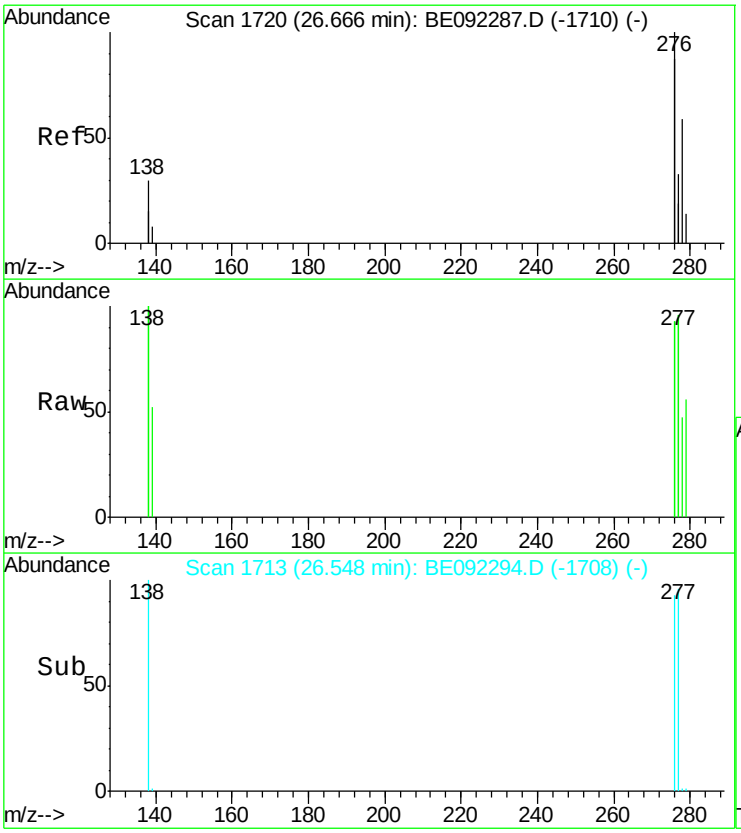
#34
Benzo(a)pyrene
Concen: 0.00 ng
RT: 24.01 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BE092294.D
Acq: 29 Aug 2016 18:19

Instrument :
BNA_E
ClientSampleId :
PB93078BL

Tgt Ion:252 Resp: 14

Ion	Ratio	Lower	Upper
252	100		
253	129.9	20.3	30.5#
125	110.4	11.8	17.6#

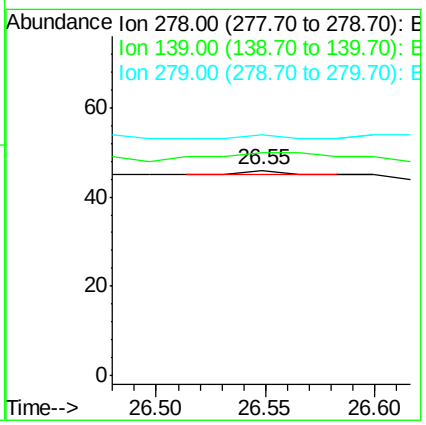


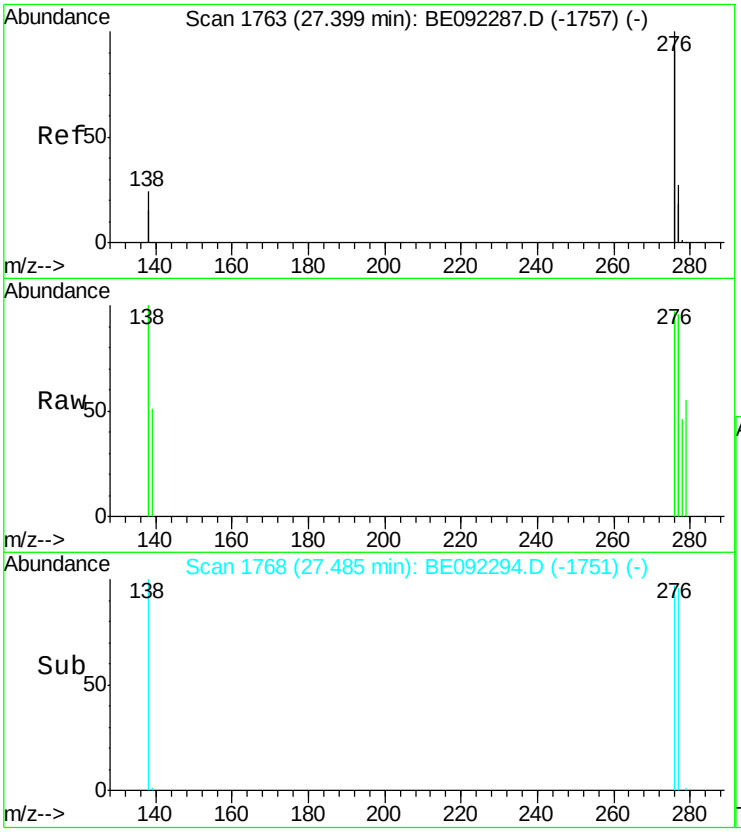


#35
Dibenzo(a,h)anthracene
Concen: 0.00 ng
RT: 26.55 min Scan# 1713
Delta R.T. -0.12 min
Lab File: BE092294.D
Acq: 29 Aug 2016 18:19

Tgt Ion:278 Resp: 1

Ion	Ratio	Lower	Upper
278	100		
139	108.7	16.2	24.2#
279	117.4	21.4	32.2#





#36
Benzo(g,h,i)perylene
Concen: 0.00 ng
RT: 27.49 min Scan# 1768
Delta R.T. 0.09 min
Lab File: BE092294.D
Acq: 29 Aug 2016 18:19

Instrument :
BNA_E
ClientSampleId :
PB93078BL

Tgt Ion:276 Resp: 74

Ion	Ratio	Lower	Upper
276	100		
277	98.9	21.4	32.2#
138	103.2	19.4	29.2#