Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE021517\
Data File : BE092737.D
Acq On : 15 Feb 2017 17:31
Operator : SJ/MA
Sample : PB96882BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Feb 16 03:24:58 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE021517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 15 17:05:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	10060	5.00	ng	0.00
7) Naphthalene-d8	10.89	136	42050	5.00	ng	0.00
12) Acenaphthene-d10	14.76	164	23598	5.00	ng	0.00
18) Phenanthrene-d10	17.51	188	43718	5.00	ng	0.00
24) Chrysene-d12	21.70	240	49508	5.00	ng	0.00
31) Perylene-d12	24.03	264	44874	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.61	112	18789	9.60	ng	-0.02
5) Phenol-d6	7.29	99	21826	9.09	ng	-0.02
8) Nitrobenzene-d5	9.29	82	9613	3.41	ng	-0.02
13) 2,4,6-Tribromophenol	16.27	330	3004	6.00	ng	-0.01
14) 2-Fluorobiphenyl	13.39	172	22126	3.85	ng	-0.01
26) Terphenyl-d14	20.12	244	24252	3.84	ng	-0.02
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.79	42	32	0.23	ng	# 4
27) Benzo(a)anthracene	21.72	228	1193	0.02	ng	# 28
28) Chrysene	21.72	228	1201	0.02	ng	# 56
29) Bis(2-ethylhexyl)phthalate	21.59	149	80	0.07	ng	# 69
30) Indeno(1,2,3-cd)pyrene	26.58	276	1262	0.05	ng	95
32) Benzo(b)fluoranthene	23.32	252	196	0.05	ng	# 1
35) Dibenzo(a,h)anthracene	26.60	278	253	0.03	ng	# 1
36) Benzo(g,h,i)perylene	27.31	276	1143	0.03	ng	# 19

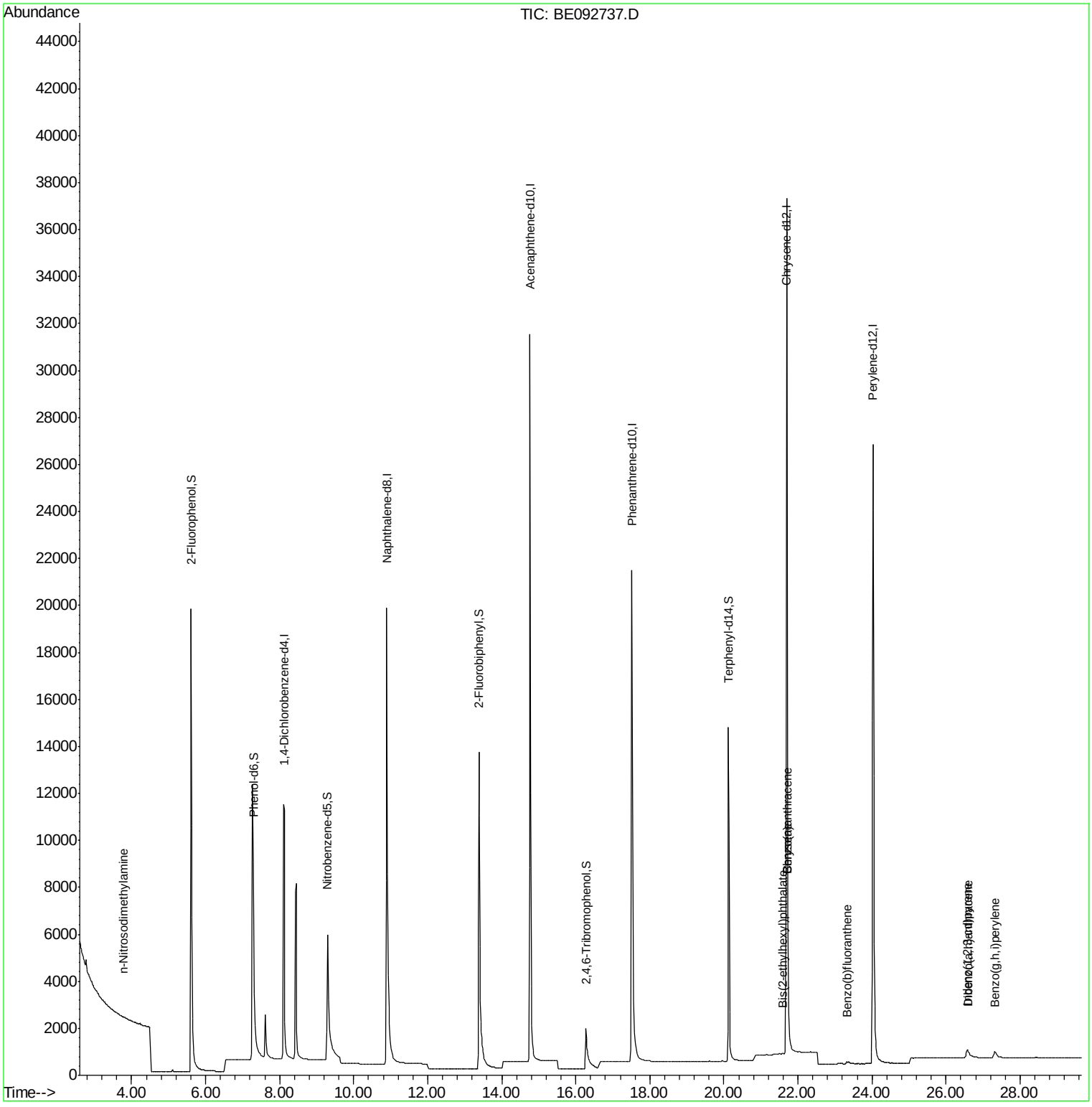
(#) = qualifier out of range (m) = manual integration (+) = signals summed

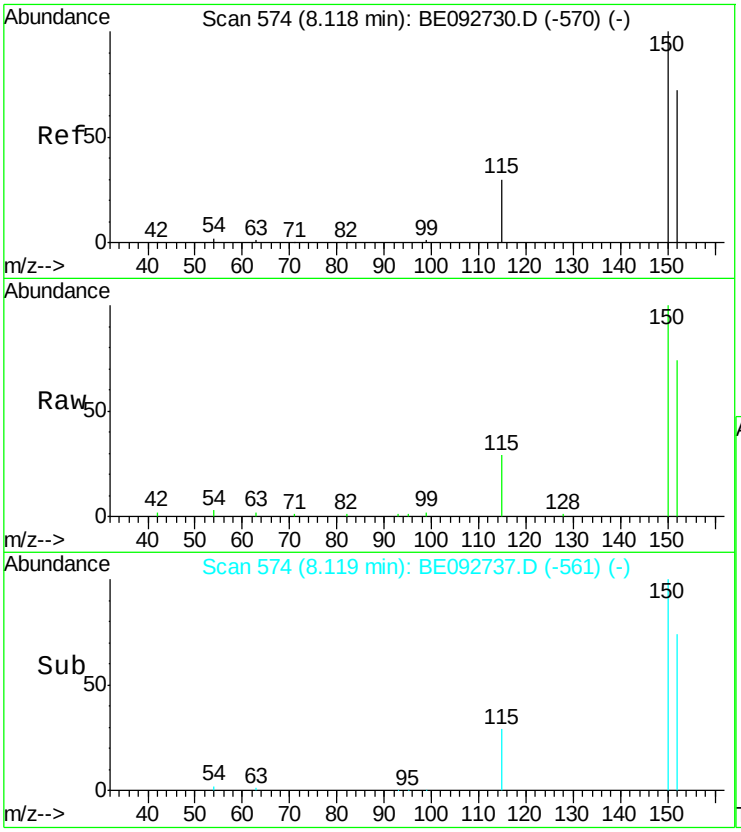
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE021517\
Data File : BE092737.D
Acq On : 15 Feb 2017 17:31
Operator : SJ/MA
Sample : PB96882BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Feb 16 03:24:58 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE021517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 15 17:05:20 2017
Response via : Initial Calibration



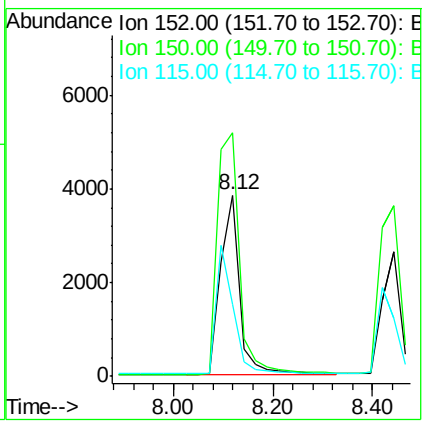


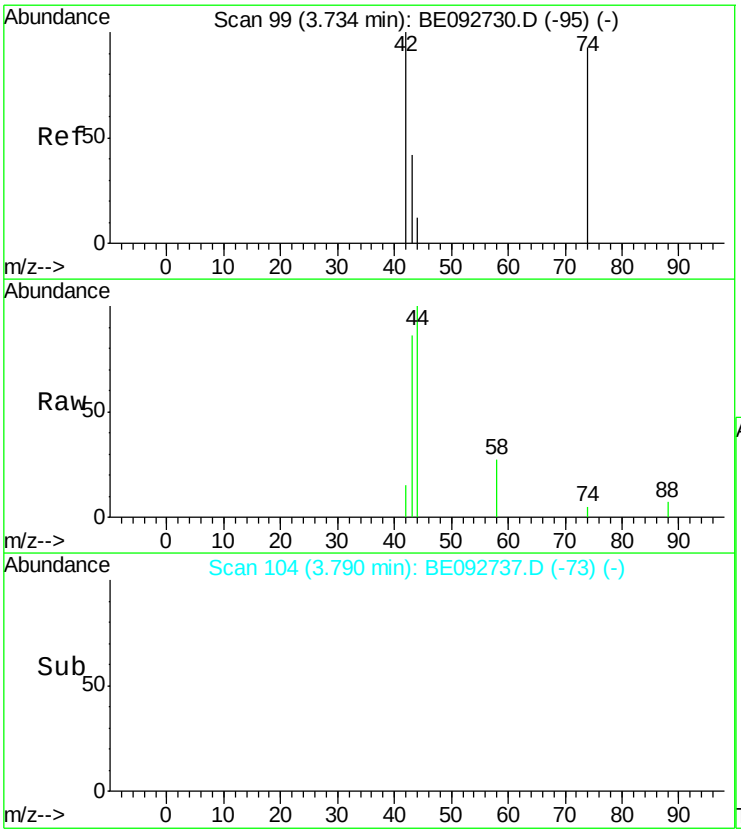
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.12 min Scan# 574
Delta R.T. 0.00 min
Lab File: BE092737.D
Acq: 15 Feb 2017 17:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 10060

Ion	Ratio	Lower	Upper
152	100		
150	134.2	106.0	159.0
115	39.6	31.2	46.8

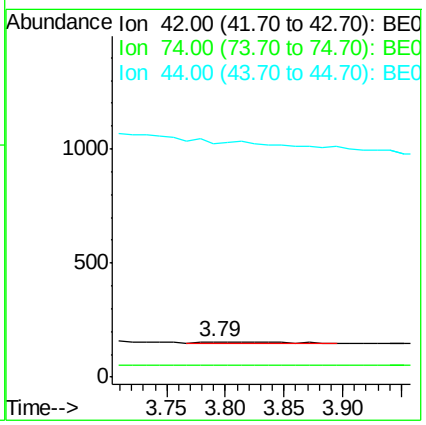


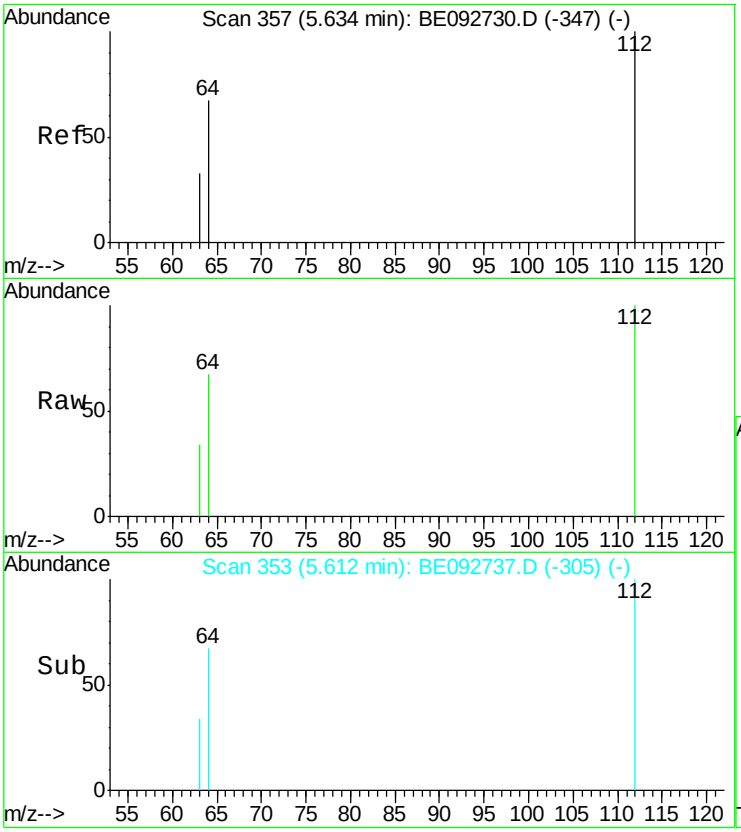


#3
n-Nitrosodimethylamine
Concen: 0.23 ng
RT: 3.79 min Scan# 104
Delta R.T. 0.06 min
Lab File: BE092737.D
Acq: 15 Feb 2017 17:31

Tgt Ion: 42 Resp: 32

Ion	Ratio	Lower	Upper
42	100		
74	3.1	86.0	129.0#
44	0.0	5.1	7.7#



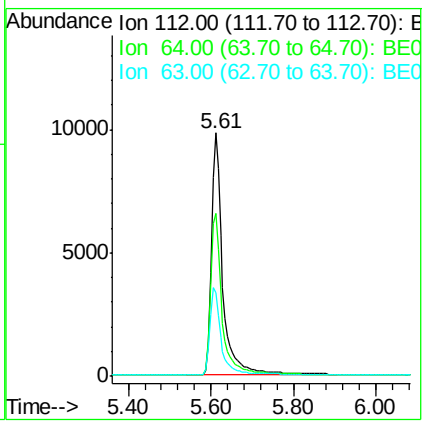


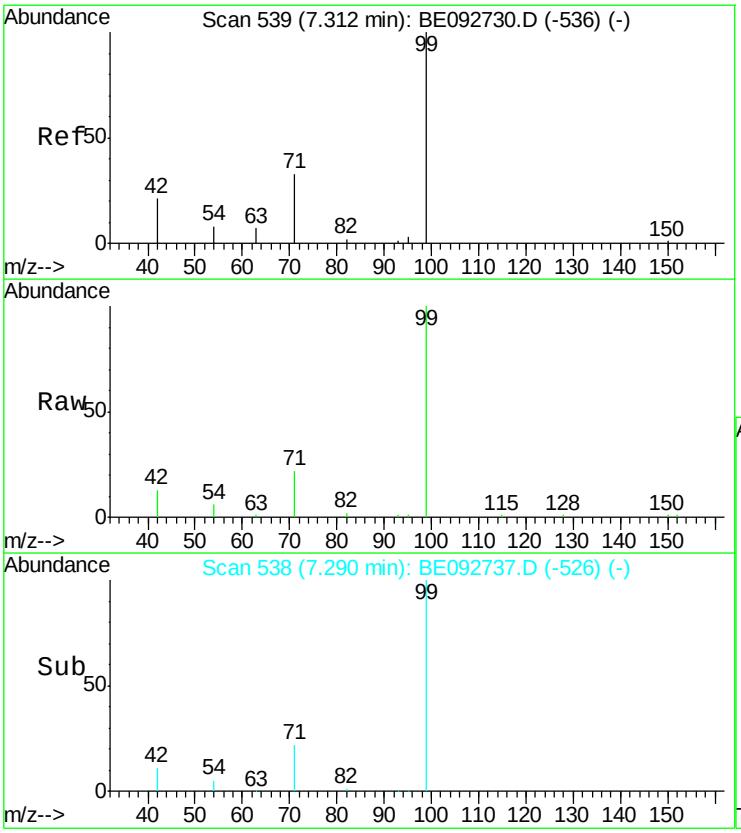
#4
2-Fluorophenol
Concen: 9.60 ng
RT: 5.61 min Scan# 353
Delta R.T. -0.02 min
Lab File: BE092737.D
Acq: 15 Feb 2017 17:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 18789

Ion	Ratio	Lower	Upper
112	100		
64	68.2	53.5	80.3
63	36.3	27.9	41.9

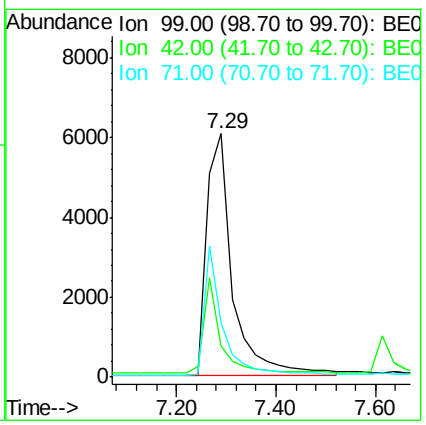


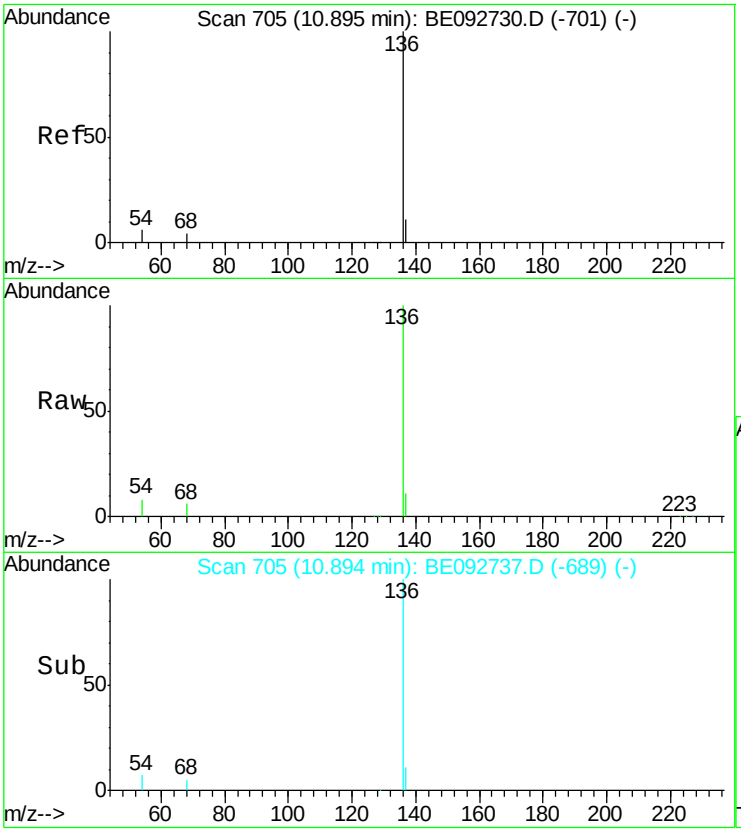


#5
Phenol-d6
Concen: 9.09 ng
RT: 7.29 min Scan# 538
Delta R.T. -0.02 min
Lab File: BE092737.D
Acq: 15 Feb 2017 17:31

Tgt Ion: 99 Resp: 21826

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



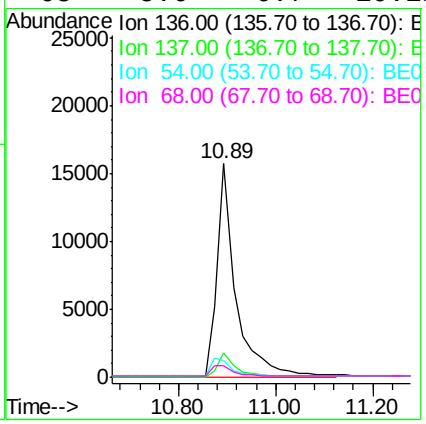


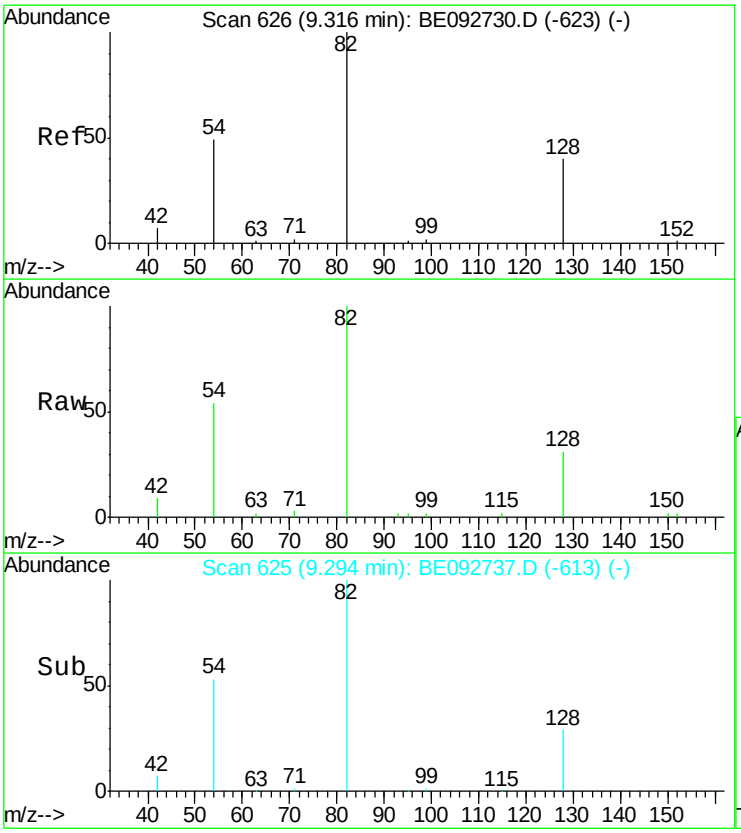
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.89 min Scan# 705
Delta R.T. -0.00 min
Lab File: BE092737.D
Acq: 15 Feb 2017 17:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 42050

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.2	12.4
54	7.8	9.6	14.4#
68	5.6	6.7	10.1#

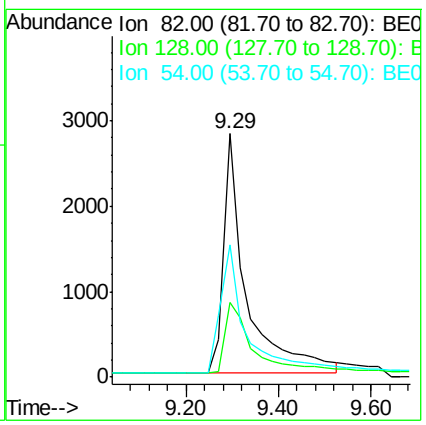


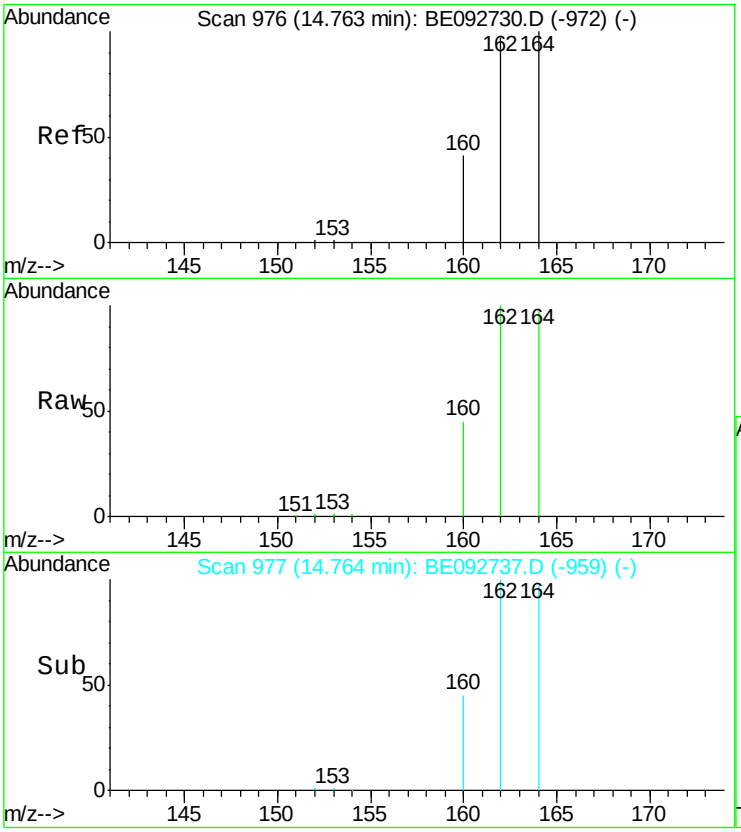


#8
Nitrobenzene-d5
Concen: 3.41 ng
RT: 9.29 min Scan# 625
Delta R.T. -0.02 min
Lab File: BE092737.D
Acq: 15 Feb 2017 17:31

Tgt Ion: 82 Resp: 9613

Ion	Ratio	Lower	Upper
82	100		
128	30.6	39.0	58.4#
54	54.1	44.8	67.2



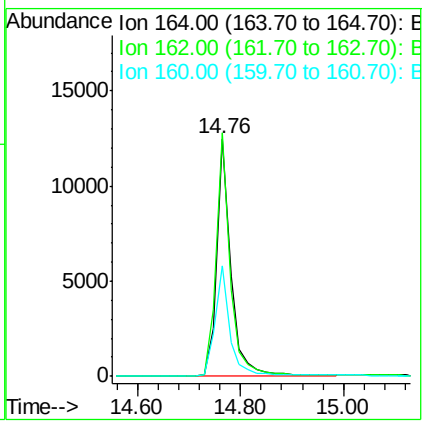


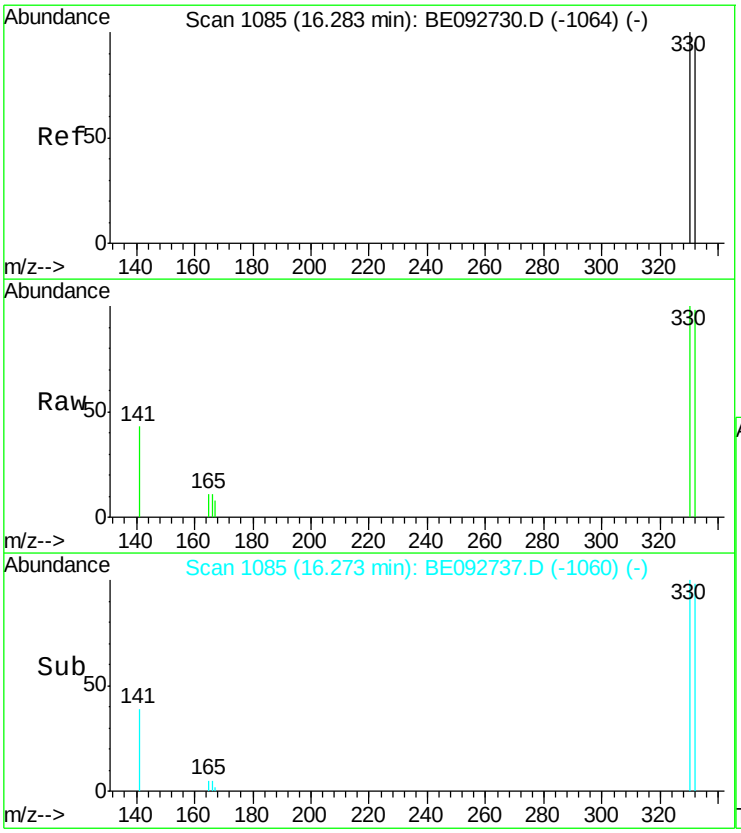
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.76 min Scan# 977
Delta R.T. 0.00 min
Lab File: BE092737.D
Acq: 15 Feb 2017 17:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 23598

Ion	Ratio	Lower	Upper
164	100		
162	102.6	71.4	107.0
160	46.4	27.4	41.2#

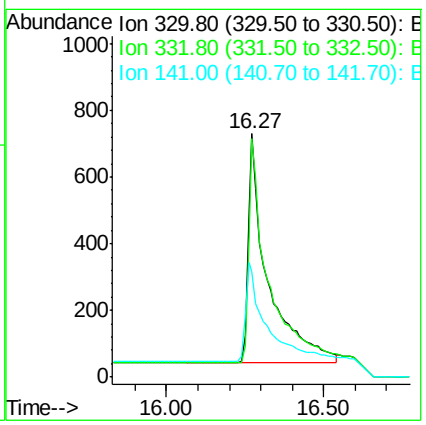


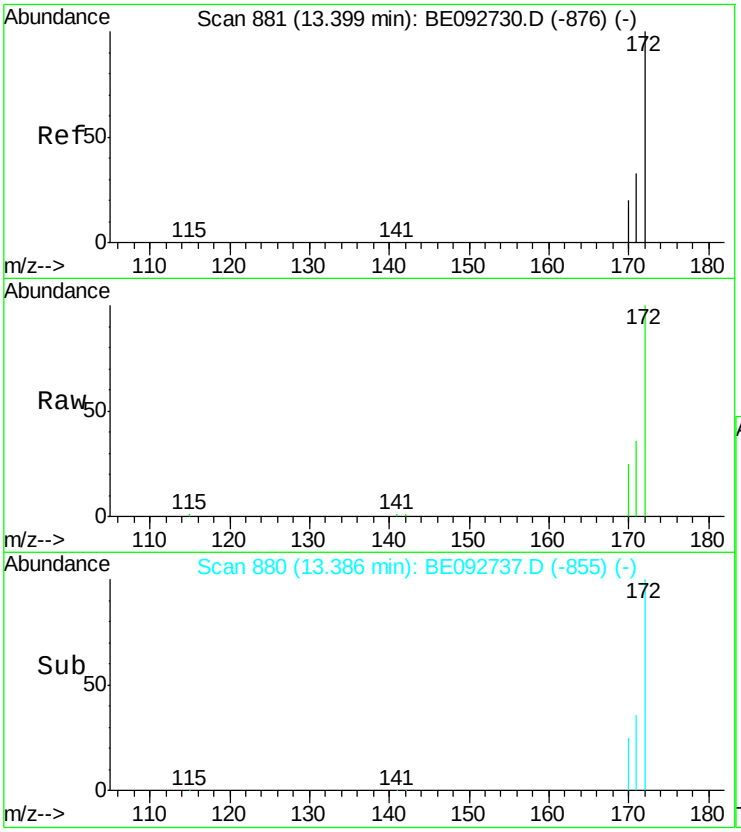


#13
2,4,6-Tribromophenol
Concen: 6.00 ng
RT: 16.27 min Scan# 1085
Delta R.T. -0.01 min
Lab File: BE092737.D
Acq: 15 Feb 2017 17:31

Tgt Ion:330 Resp: 3004

Ion	Ratio	Lower	Upper
330	100		
332	97.2	75.4	113.0
141	45.5	31.0	46.6



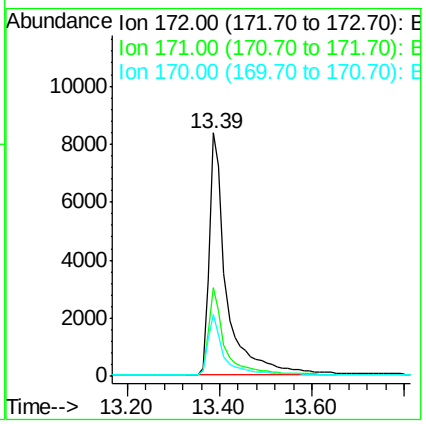


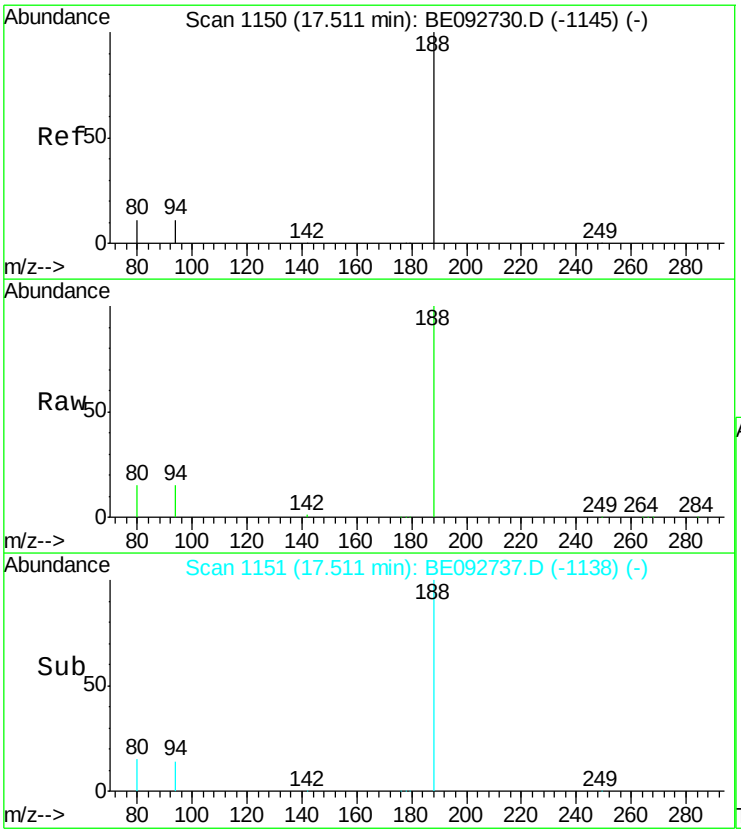
#14
2-Fluorobiphenyl
Concen: 3.85 ng
RT: 13.39 min Scan# 880
Delta R.T. -0.01 min
Lab File: BE092737.D
Acq: 15 Feb 2017 17:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 22126

Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.1	45.1
170	25.5	21.8	32.6

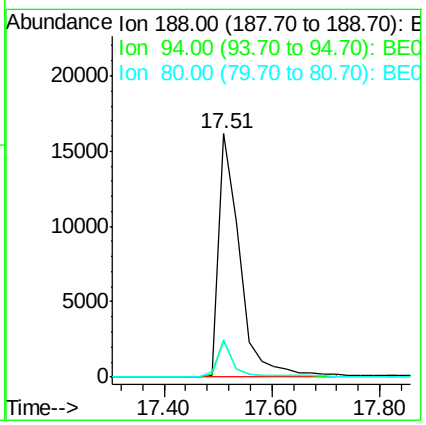


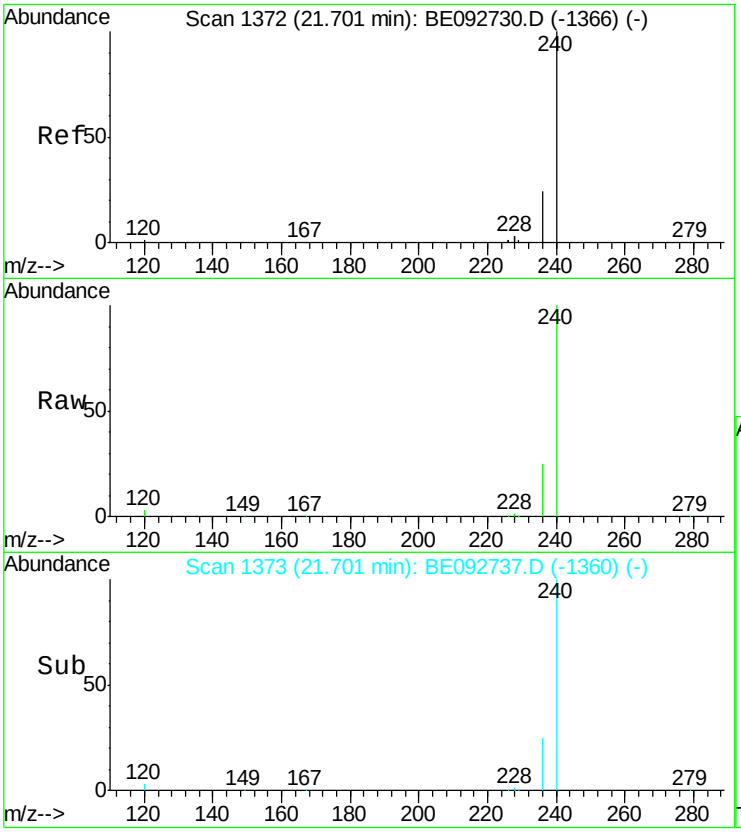


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.51 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BE092737.D
Acq: 15 Feb 2017 17:31

Tgt Ion:188 Resp: 43718

Ion	Ratio	Lower	Upper
188	100		
94	14.7	3.2	4.8#
80	15.2	2.6	3.8#



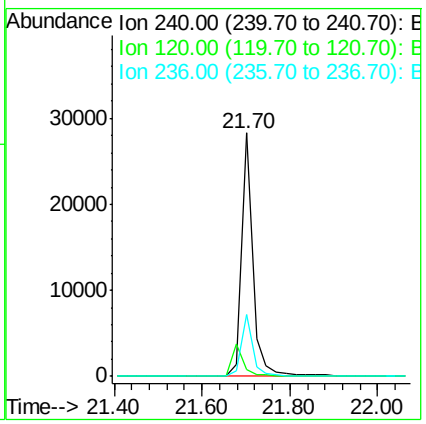


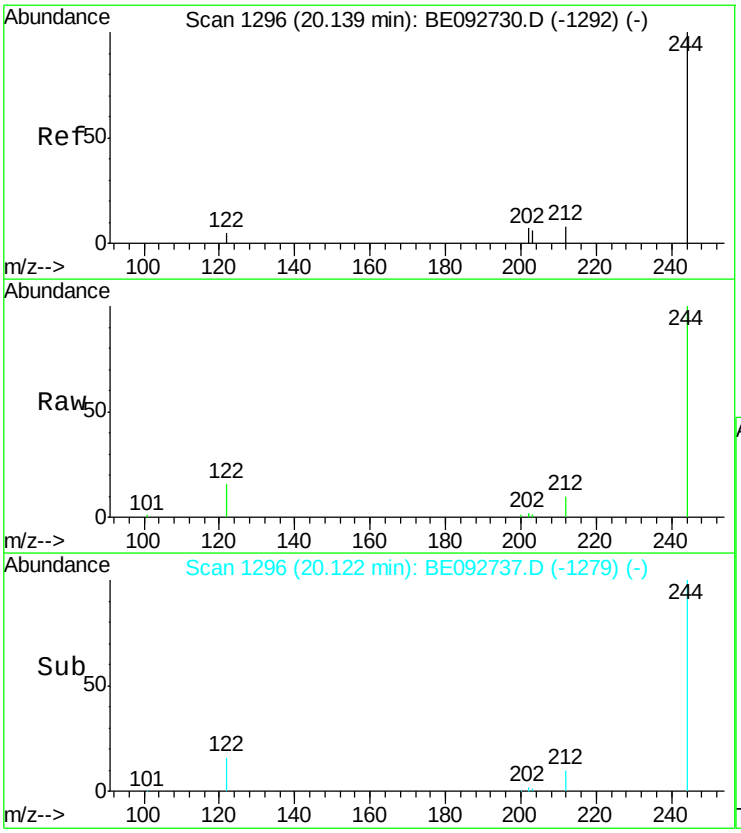
#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.70 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BE092737.D
Acq: 15 Feb 2017 17:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 49508

Ion	Ratio	Lower	Upper
240	100		
120	2.8	2.6	4.0
236	25.2	24.6	37.0

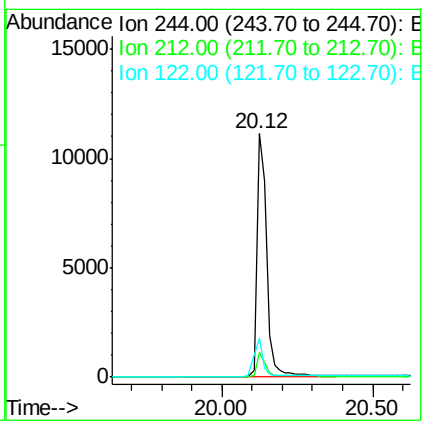


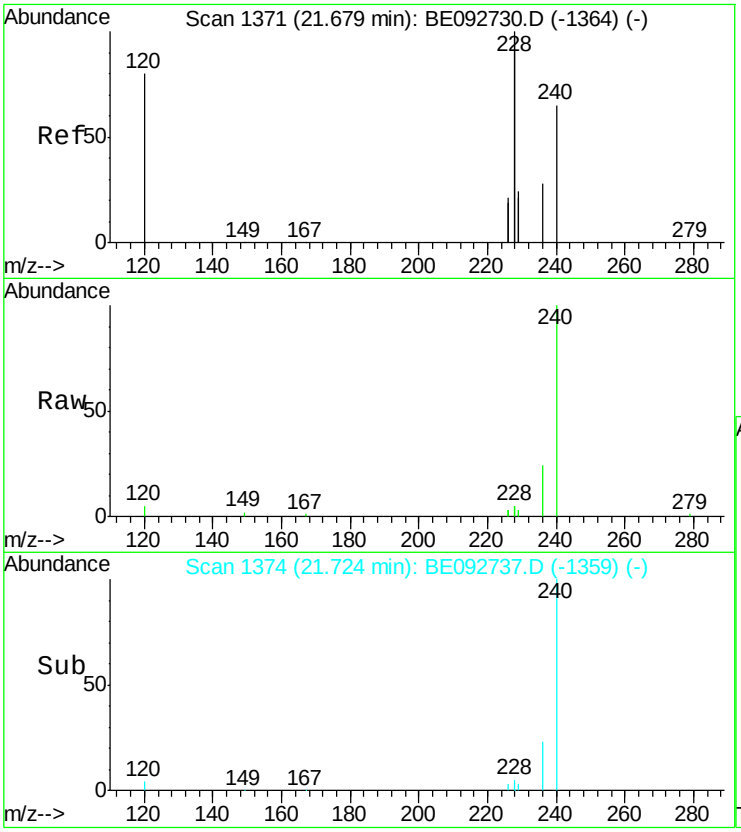


#26
Terphenyl-d14
Concen: 3.84 ng
RT: 20.12 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BE092737.D
Acq: 15 Feb 2017 17:31

Tgt Ion:244 Resp: 24252

Ion	Ratio	Lower	Upper
244	100		
212	10.1	6.7	10.1#
122	16.1	3.6	5.4#



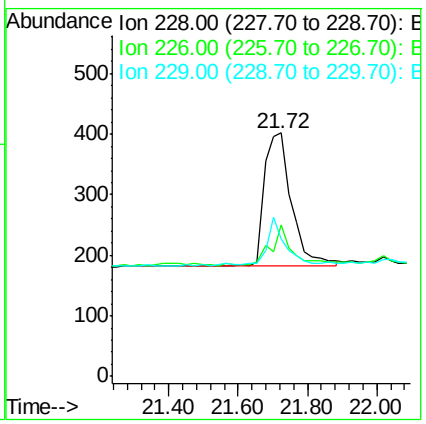


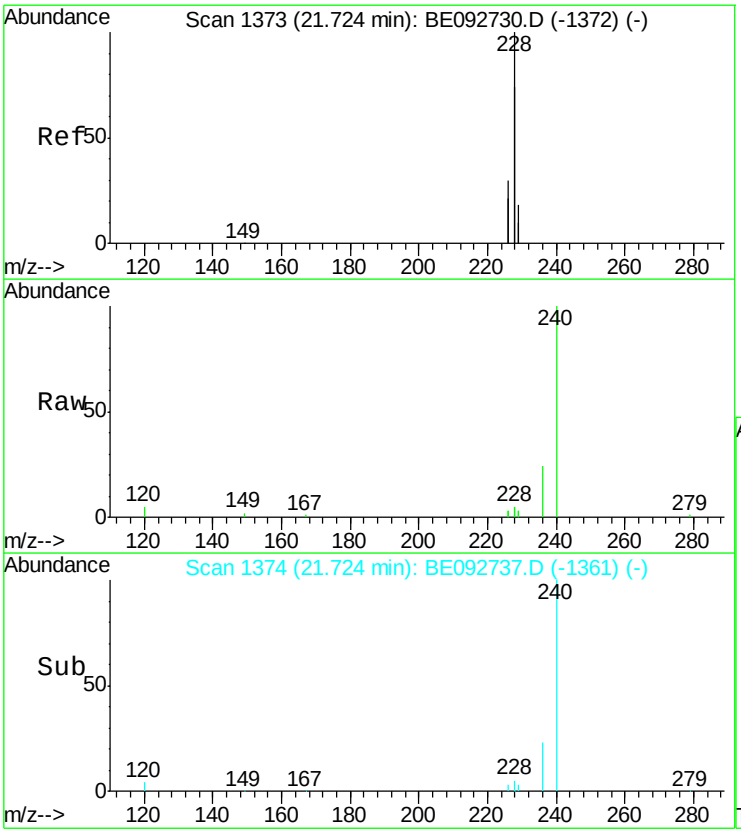
#27
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.05 min
Lab File: BE092737.D
Acq: 15 Feb 2017 17:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 1193

Ion	Ratio	Lower	Upper
228	100		
226	62.2	23.6	35.4#
229	56.2	13.3	19.9#

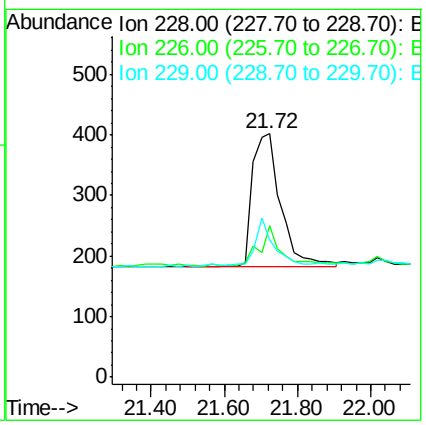


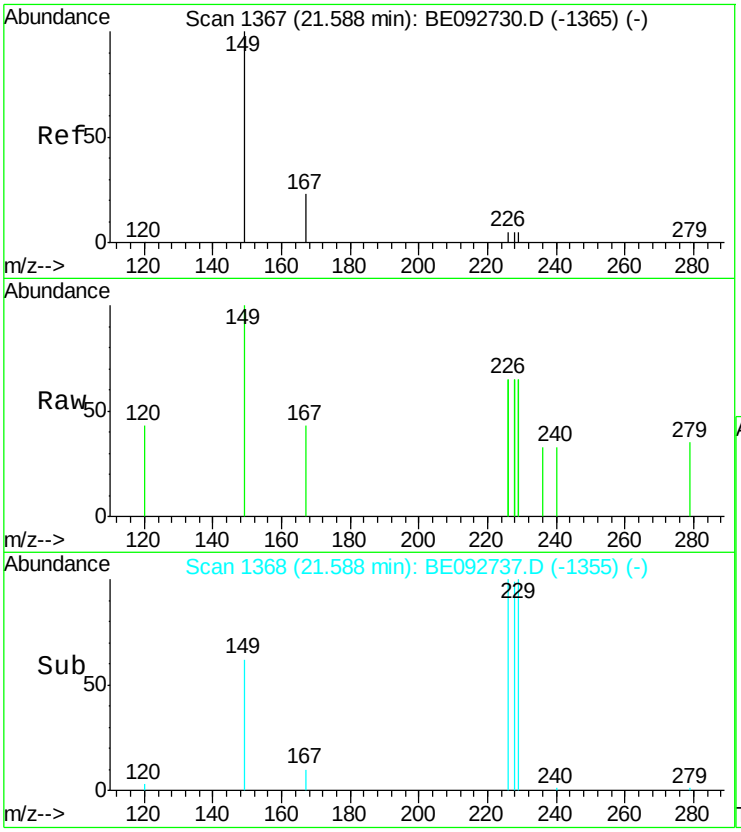


#28
Chrysene
Concen: 0.02 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE092737.D
Acq: 15 Feb 2017 17:31

Tgt Ion:228 Resp: 1201

Ion	Ratio	Lower	Upper
228	100		
226	62.2	36.3	54.5#
229	56.2	10.6	16.0#



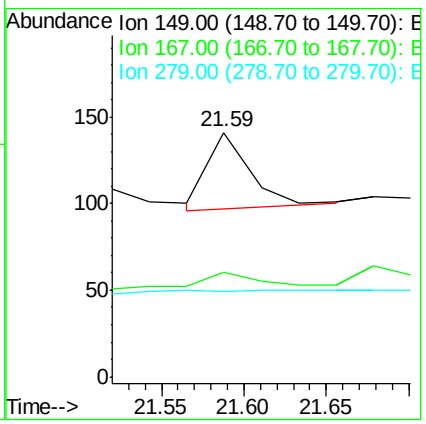


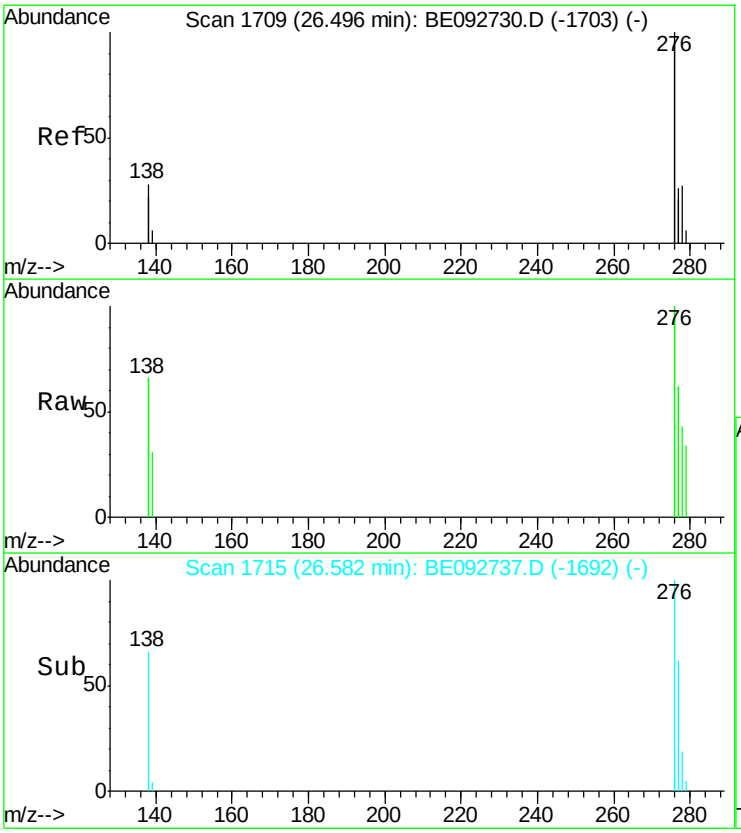
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.07 ng
RT: 21.59 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BE092737.D
Acq: 15 Feb 2017 17:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 80

Ion	Ratio	Lower	Upper
149	100		
167	28.7	16.0	24.0#
279	0.0	16.0	24.0#

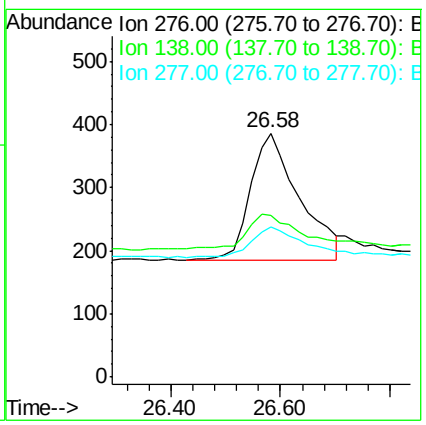


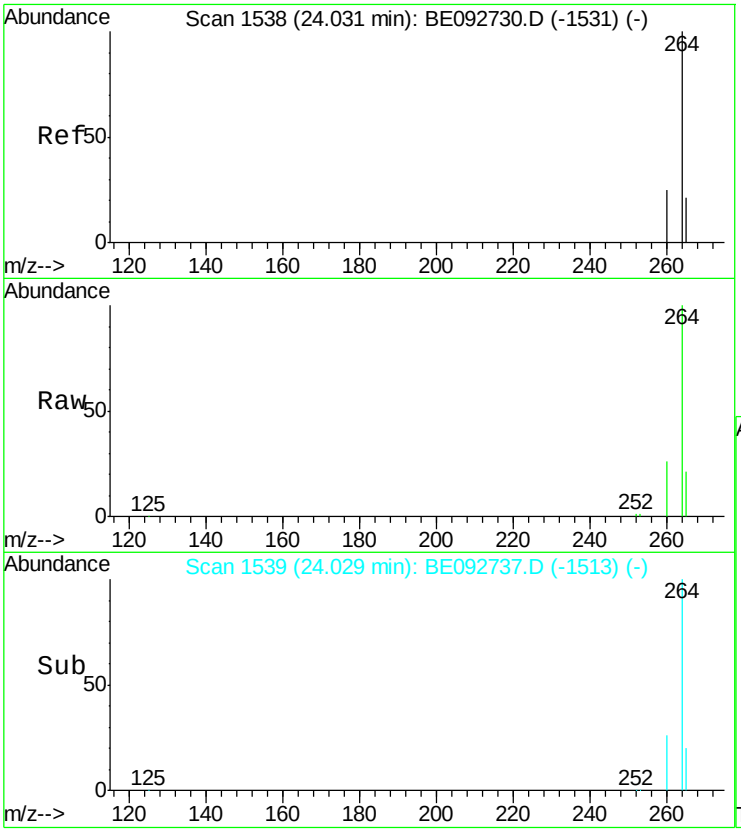


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.05 ng
RT: 26.58 min Scan# 1715
Delta R.T. 0.09 min
Lab File: BE092737.D
Acq: 15 Feb 2017 17:31

Tgt Ion:276 Resp: 1262

Ion	Ratio	Lower	Upper
276	100		
138	27.7	20.3	30.5
277	27.3	19.7	29.5



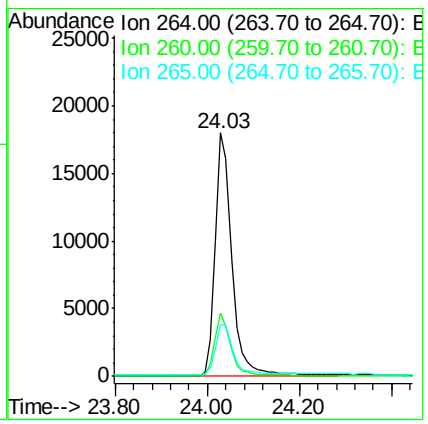


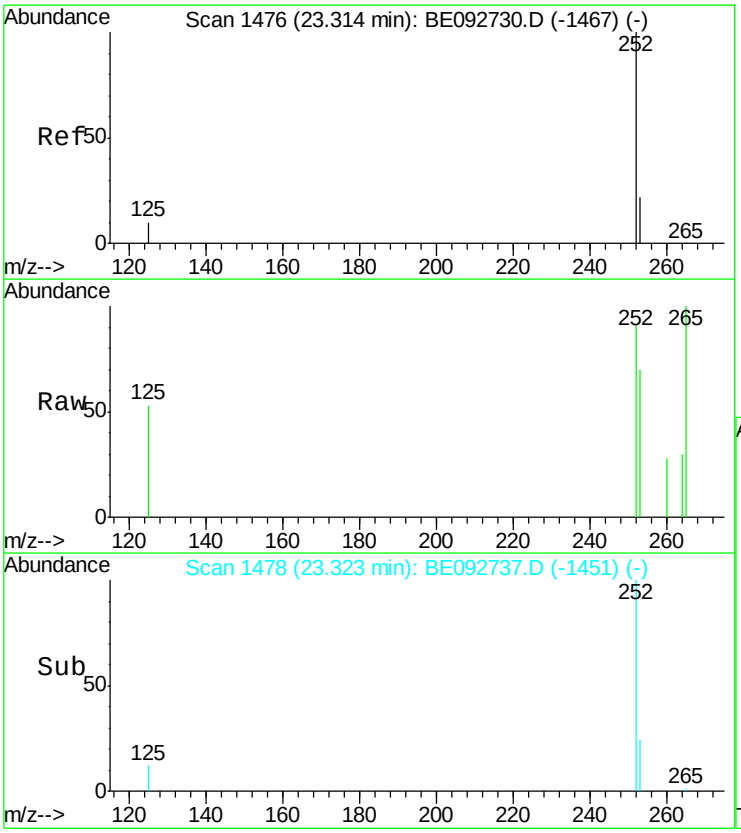
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.03 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BE092737.D
Acq: 15 Feb 2017 17:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 44874

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.1	30.1
265	21.2	17.9	26.9

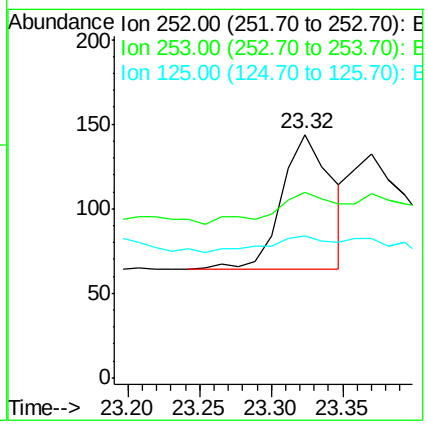


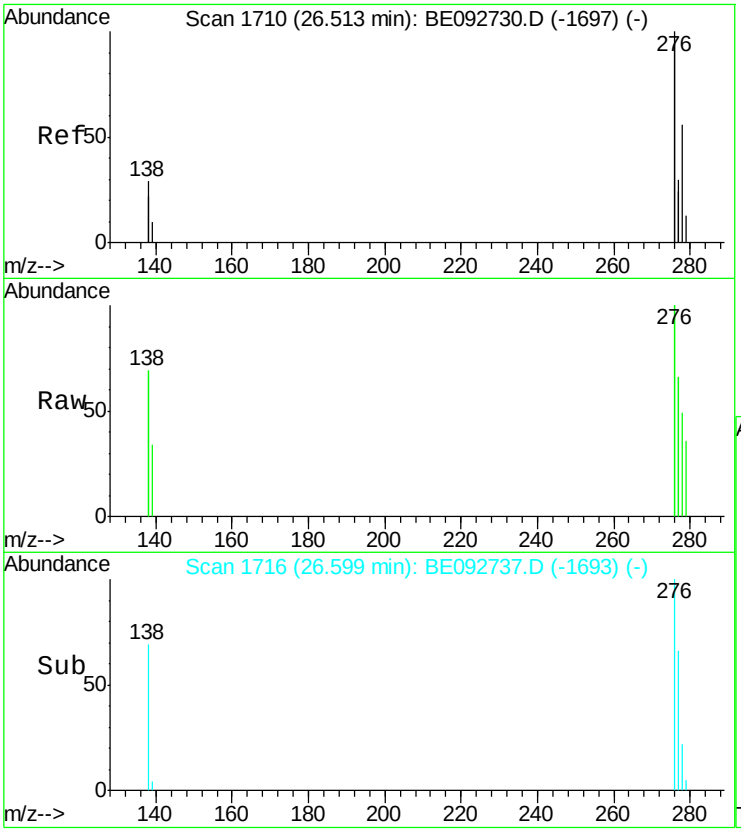


#32
Benzo(b)fluoranthene
Concen: 0.05 ng
RT: 23.32 min Scan# 1478
Delta R.T. 0.01 min
Lab File: BE092737.D
Acq: 15 Feb 2017 17:31

Tgt Ion:252 Resp: 196

Ion	Ratio	Lower	Upper
252	100		
253	76.4	18.7	28.1#
125	58.3	10.5	15.7#



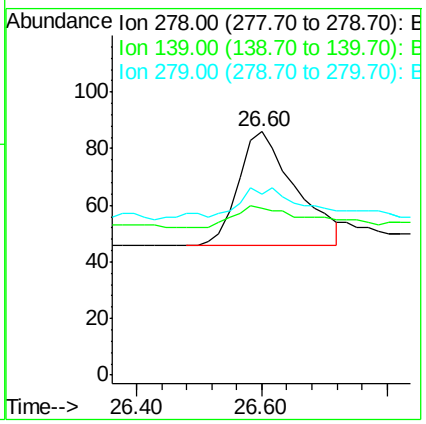


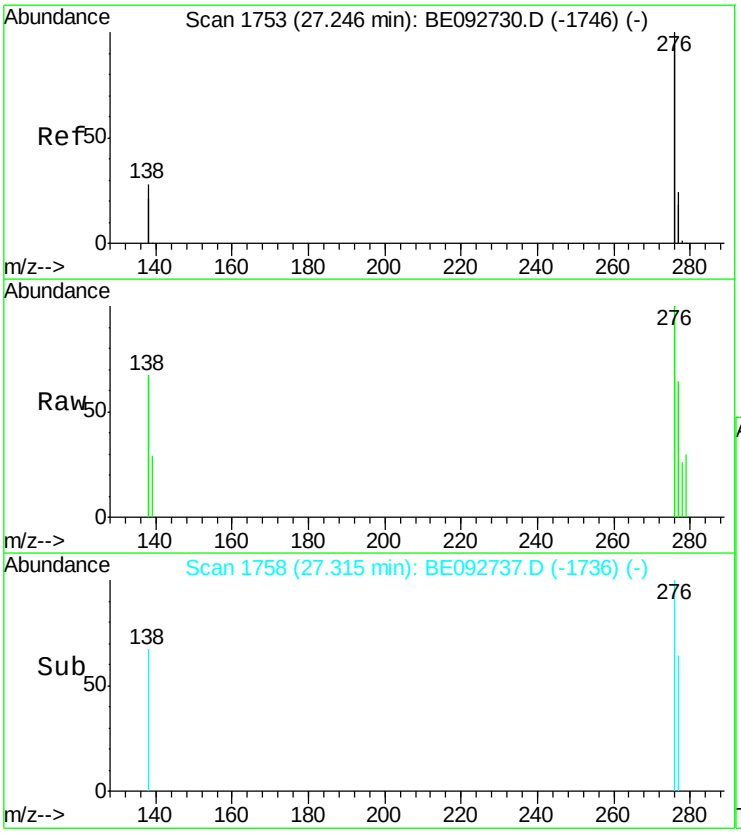
#35
Dibenzo(a,h)anthracene
Concen: 0.03 ng
RT: 26.60 min Scan# 1716
Delta R.T. 0.09 min
Lab File: BE092737.D
Acq: 15 Feb 2017 17:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 253

Ion	Ratio	Lower	Upper
278	100		
139	68.6	13.8	20.8#
279	74.4	21.4	32.2#





#36
Benzo(g,h,i)perylene
Concen: 0.03 ng
RT: 27.31 min Scan# 1758
Delta R.T. 0.07 min
Lab File: BE092737.D
Acq: 15 Feb 2017 17:31

Tgt Ion:276 Resp: 1143

Ion	Ratio	Lower	Upper
276	100		
277	63.6	19.8	29.8#
138	66.8	19.8	29.6#