Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE120517\
Data File : BE094936.D
Acq On : 6 Dec 2017 3:58
Operator : SJ/JU
Sample : I6698-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : FT-DUP03-20171130

Quant Time: Dec 06 06:31:01 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 13:33:28 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	8651	0.40	ng		0.00
7) Naphthalene-d8	11.33	136	18527	0.40	ng		0.00
13) Acenaphthene-d10	15.06	164	10808	0.40	ng		-0.02
19) Phenanthrene-d10	17.77	188	26499	0.40	ng		0.00
27) Chrysene-d12	21.87	240	28195	0.40	ng		-0.01
34) Perylene-d12	24.55	264	23331	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.95	112	2577	0.19	ng		0.00
5) Phenol-d6	7.60	99	2340	0.12	ng		0.01
8) Nitrobenzene-d5	9.67	82	5744	0.52	ng		0.00
11) 2-Methylnaphthalene-d10	12.87	152	11919	0.40	ng		0.00
14) 2,4,6-Tribromophenol	16.53	330	1315	0.55	ng		0.00
15) 2-Fluorobiphenyl	13.71	172	18644	0.40	ng		0.00
25) Fluoranthene-d10	19.75	212	142694	0.39	ng		0.00
29) Terphenyl-d14	20.31	244	28676	0.55	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.67	88	992	0.110	ng	#	53
9) Naphthalene	11.38	128	4609	0.021	ng	#	83
22) Pentachlorophenol	17.41	266	83	0.151	ng		97
24) Anthracene	17.91	178	1958	0.022	ng	#	84
30) Benzo(a)anthracene	21.86	228	3194	0.037	ng	#	66
31) Chrysene	21.92	228	3687	0.039	ng	#	69
32) Bis(2-ethylhexyl)phthalate	21.75	149	23377	0.163	ng		100
33) Indeno(1,2,3-cd)pyrene	27.43	276	3038	0.039	ng		95
35) Benzo(b)fluoranthene	23.72	252	3259	0.038	ng	#	63
36) Benzo(k)fluoranthene	23.77	252	2735	0.031	ng	#	59
37) Benzo(a)pyrene	24.43	252	2757	0.037	ng	#	71
38) Dibenzo(a,h)anthracene	27.44	278	2527	0.037	ng	#	68
39) Benzo(g,h,i)perylene	28.30	276	2810	0.041	ng	#	61

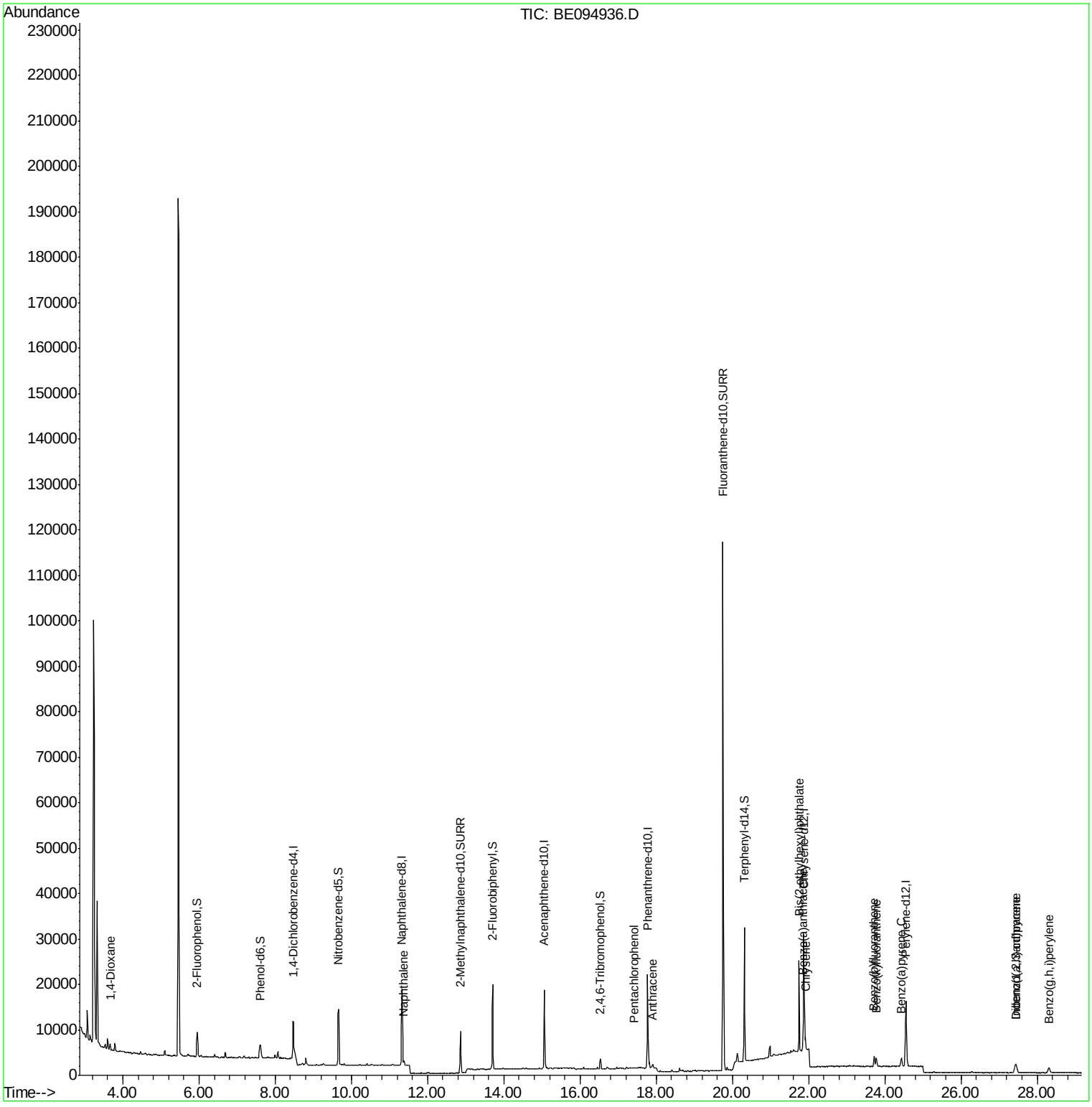
(#) = qualifier out of range (m) = manual integration (+) = signals summed

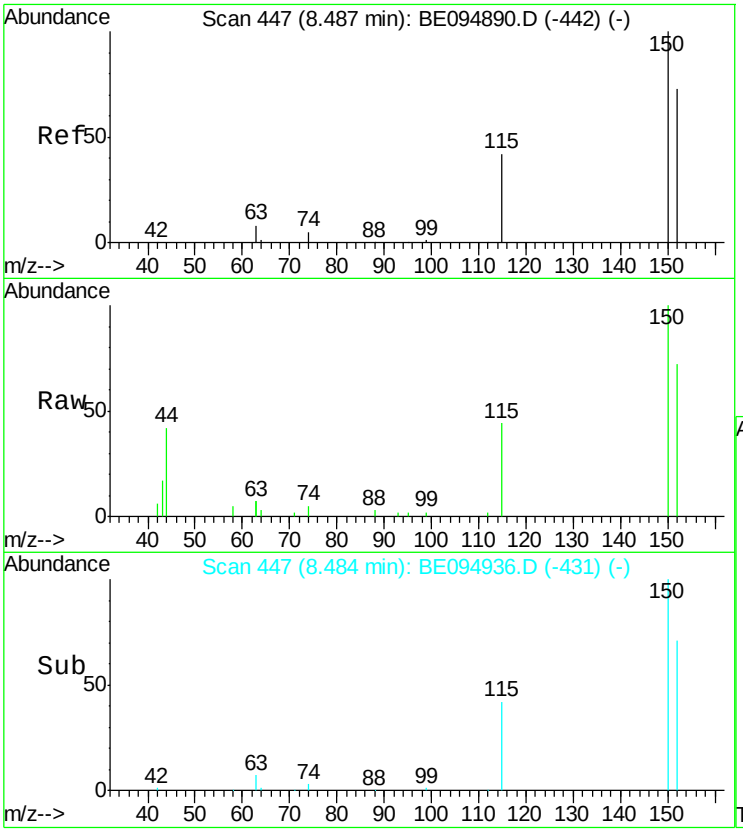
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE120517\
Data File : BE094936.D
Acq On : 6 Dec 2017 3:58
Operator : SJ/JU
Sample : I6698-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
FT-DUP03-20171130

Quant Time: Dec 06 06:31:01 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 13:33:28 2017
Response via : Initial Calibration



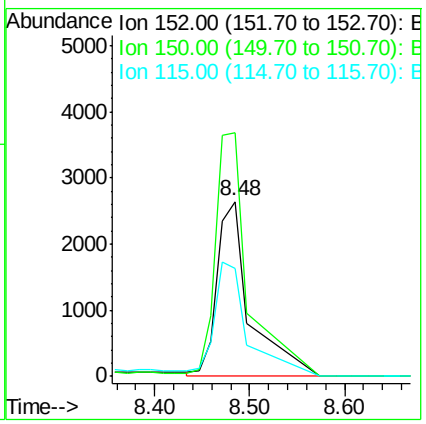


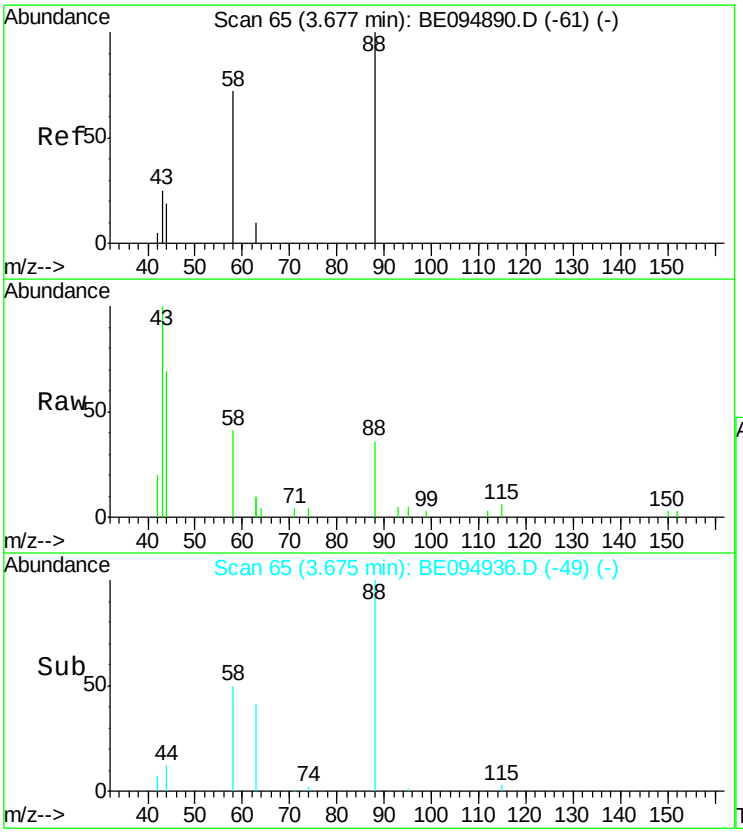
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.48 min Scan# 447
Delta R.T. -0.00 min
Lab File: BE094936.D
Acq: 6 Dec 2017 3:58

Instrument :
BNA_E
ClientSampleId :
FT-DUP03-20171130

Tgt Ion:152 Resp: 8651

Ion	Ratio	Lower	Upper
152	100		
150	139.0	117.2	175.8
115	61.4	57.0	85.6

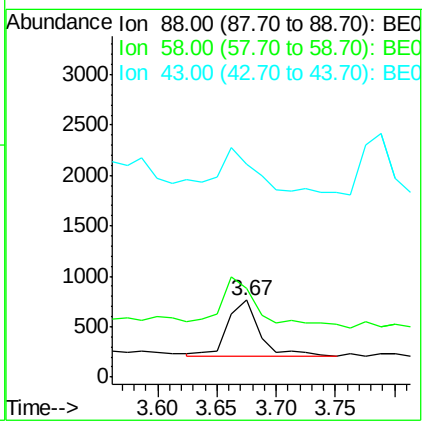


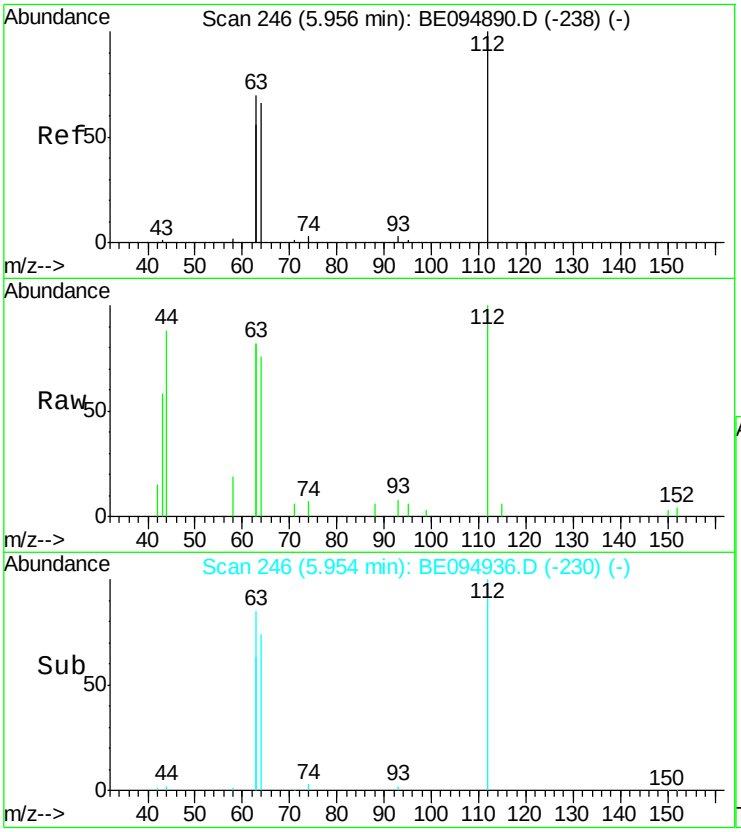


#2
1,4-Dioxane
Concen: 0.110 ng
RT: 3.67 min Scan# 65
Delta R.T. -0.00 min
Lab File: BE094936.D
Acq: 6 Dec 2017 3:58

Tgt Ion: 88 Resp: 992

Ion	Ratio	Lower	Upper
88	100		
58	115.6	63.2	94.8#
43	89.8	41.2	61.8#



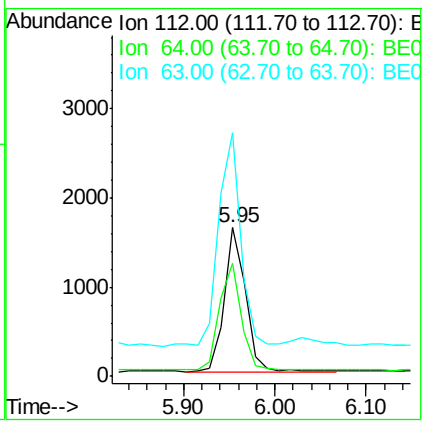


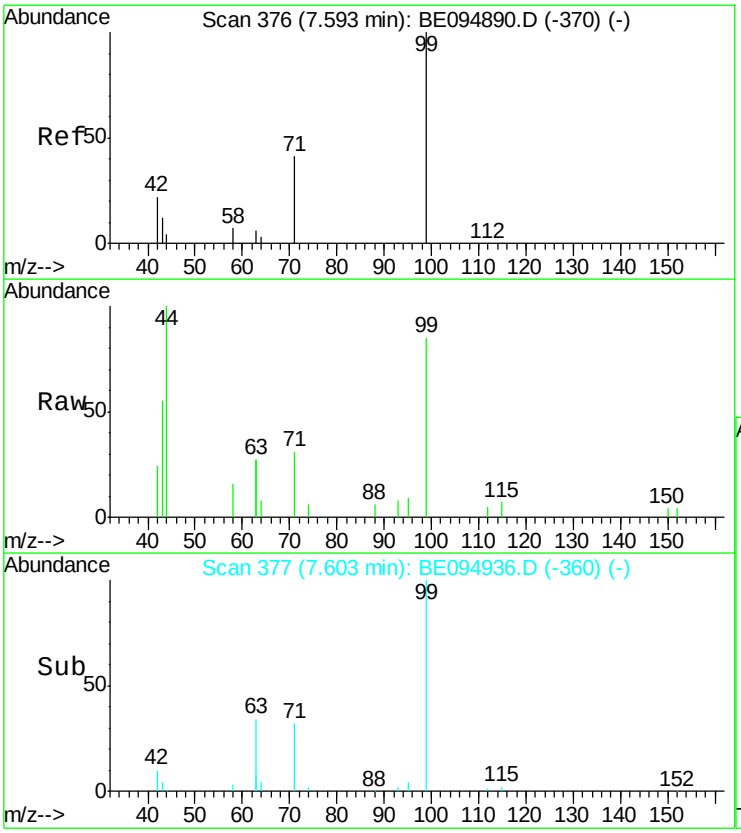
#4
2-Fluorophenol
Concen: 0.188 ng
RT: 5.95 min Scan# 246
Delta R.T. -0.00 min
Lab File: BE094936.D
Acq: 6 Dec 2017 3:58

Instrument :
BNA_E
ClientSampleId :
FT-DUP03-20171130

Tgt Ion:112 Resp: 2577

Ion	Ratio	Lower	Upper
112	100		
64	77.6	60.1	90.1
63	157.3	116.8	175.2

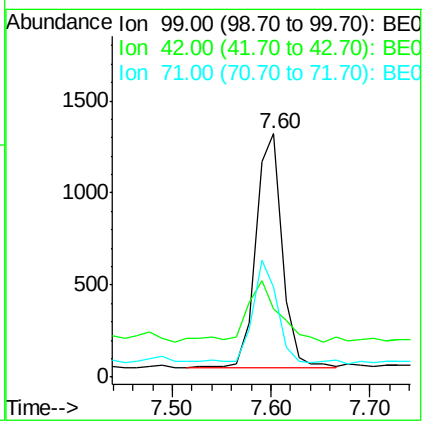


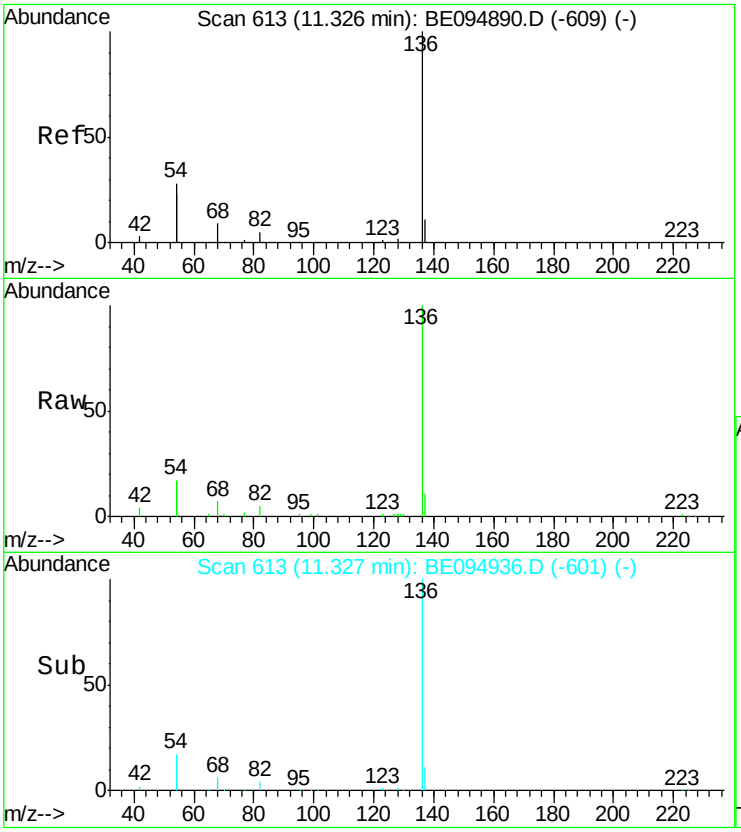


#5
Phenol-d6
Concen: 0.115 ng
RT: 7.60 min Scan# 377
Delta R.T. 0.01 min
Lab File: BE094936.D
Acq: 6 Dec 2017 3:58

Tgt Ion: 99 Resp: 2340

Ion	Ratio	Lower	Upper
99	100		
42	32.6	20.2	30.2#
71	40.7	28.4	42.6



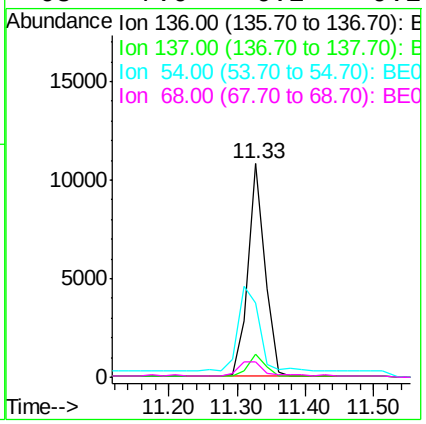


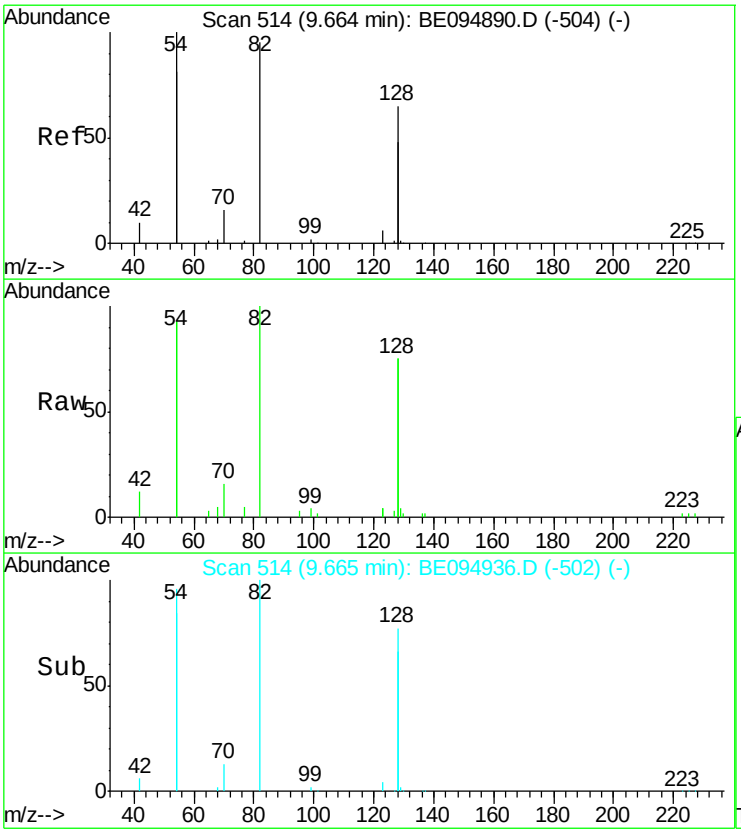
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.33 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE094936.D
Acq: 6 Dec 2017 3:58

Instrument :
BNA_E
ClientSampleId :
FT-DUP03-20171130

Tgt Ion:136 Resp: 18527

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.5	14.3
54	34.6	29.1	43.7
68	7.0	6.2	9.2

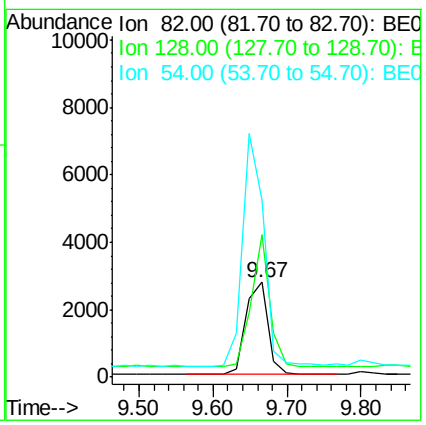


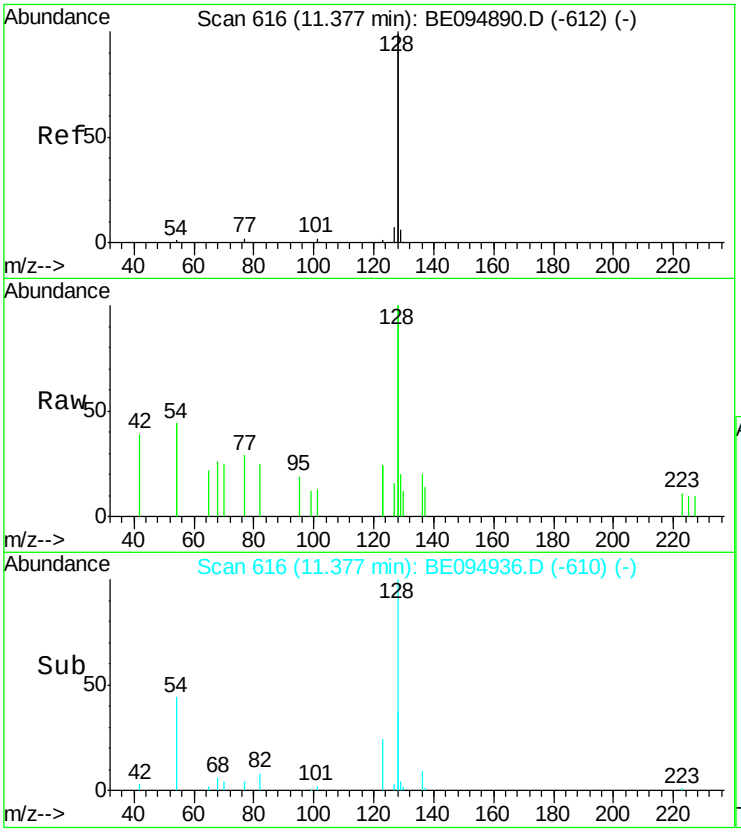


#8
Nitrobenzene-d5
Concen: 0.524 ng
RT: 9.67 min Scan# 514
Delta R.T. 0.00 min
Lab File: BE094936.D
Acq: 6 Dec 2017 3:58

Tgt Ion: 82 Resp: 5744

Ion	Ratio	Lower	Upper
82	100		
128	150.3	150.0	225.0
54	186.2	154.2	231.4



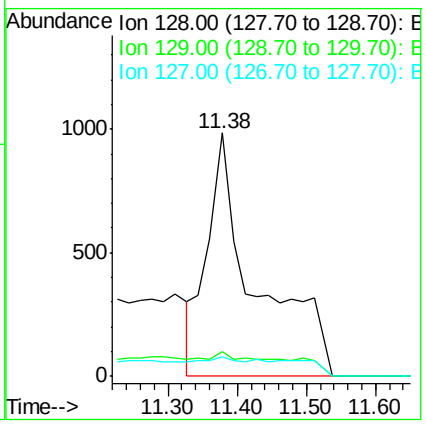


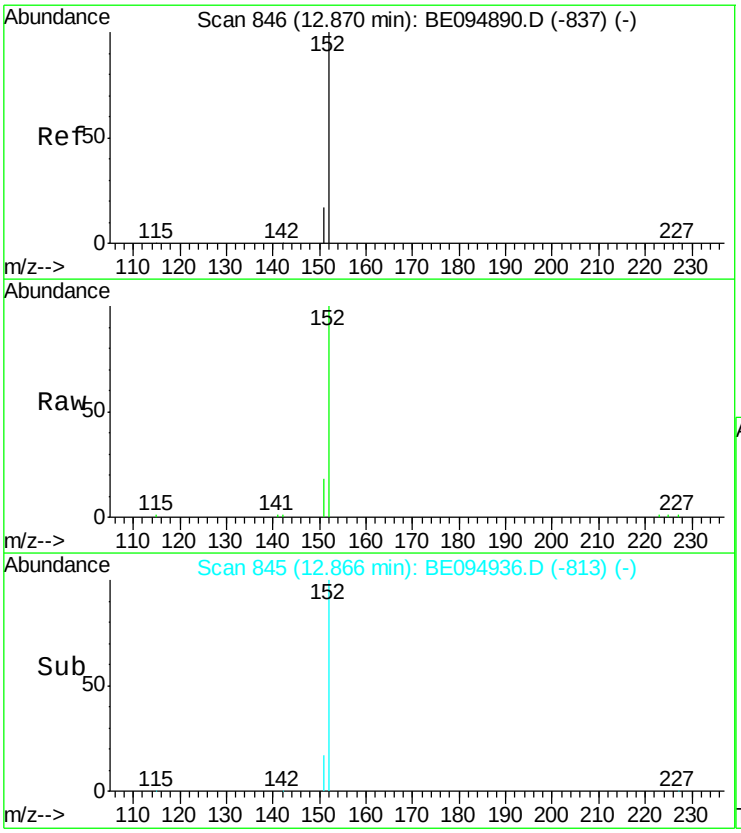
#9
Naphthalene
Concen: 0.021 ng
RT: 11.38 min Scan# 616
Delta R.T. 0.00 min
Lab File: BE094936.D
Acq: 6 Dec 2017 3:58

Instrument :
BNA_E
ClientSampleId :
FT-DUP03-20171130

Tgt Ion:128 Resp: 4609

Ion	Ratio	Lower	Upper
128	100		
129	10.1	2.6	3.8#
127	7.9	2.8	4.2#

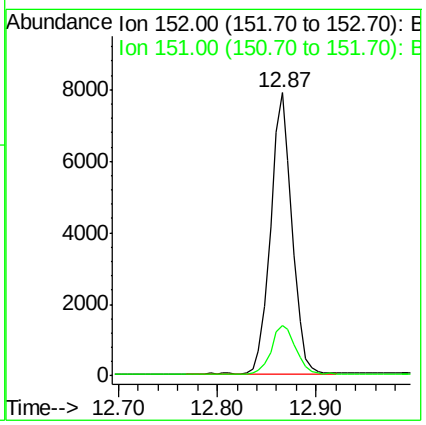


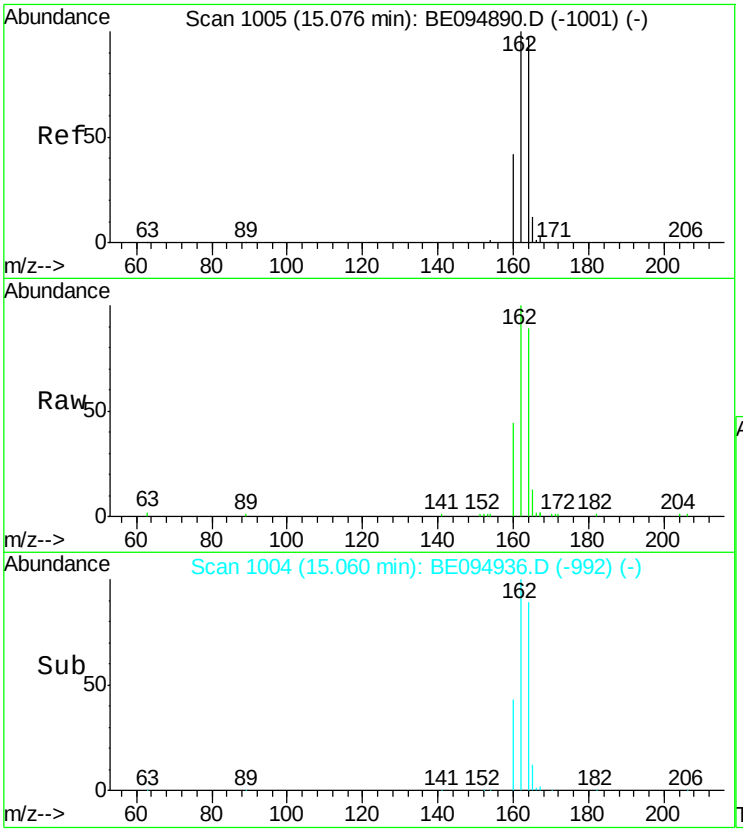


#11
2-Methylnaphthalene-d10
Concen: 0.403 ng
RT: 12.87 min Scan# 845
Delta R.T. -0.00 min
Lab File: BE094936.D
Acq: 6 Dec 2017 3:58

Tgt Ion:152 Resp: 11919

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.4	23.0



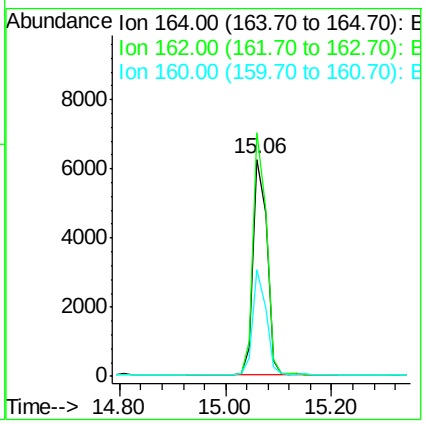


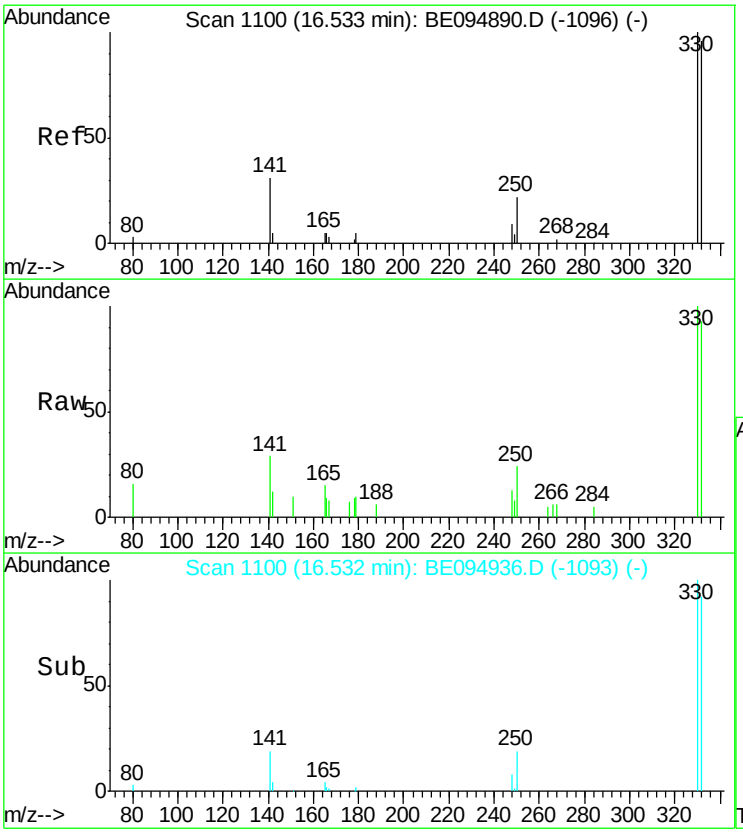
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.06 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BE094936.D
Acq: 6 Dec 2017 3:58

Instrument :
BNA_E
ClientSampleId :
FT-DUP03-20171130

Tgt Ion:164 Resp: 10808

Ion	Ratio	Lower	Upper
164	100		
162	112.2	83.1	124.7
160	49.0	37.1	55.7

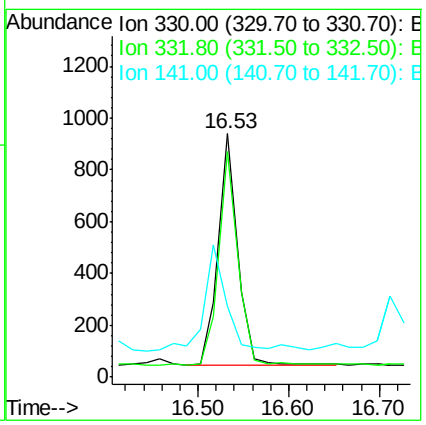


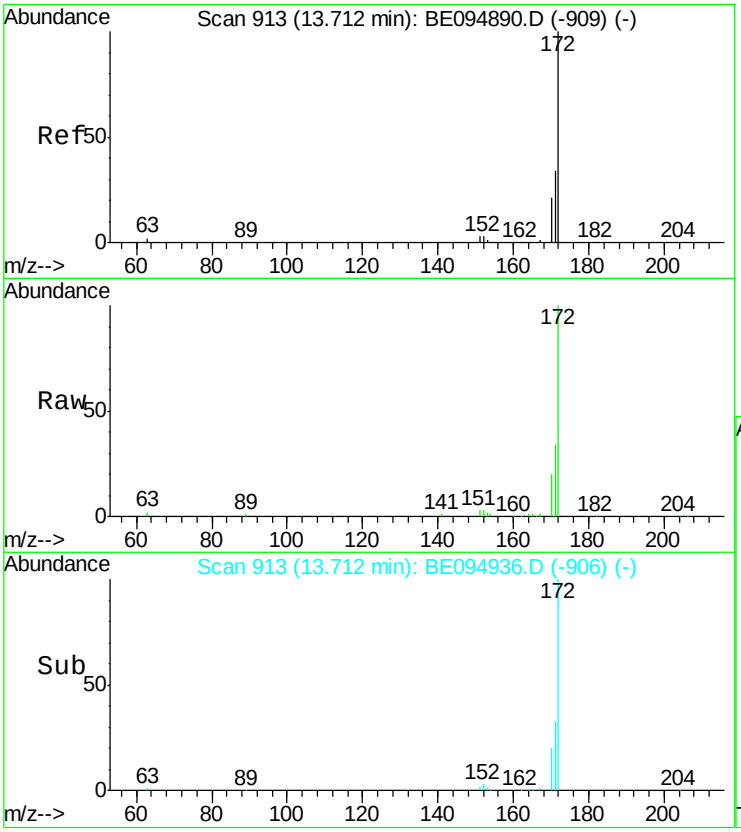


#14
2,4,6-Tribromophenol
Concen: 0.552 ng
RT: 16.53 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BE094936.D
Acq: 6 Dec 2017 3:58

Tgt Ion:330 Resp: 1315

Ion	Ratio	Lower	Upper
330	100		
332	90.8	152.7	229.1#
141	53.5	33.7	50.5#



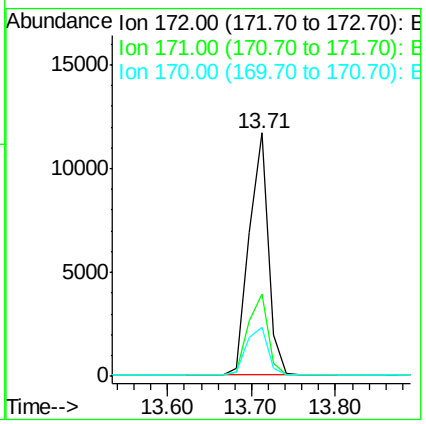


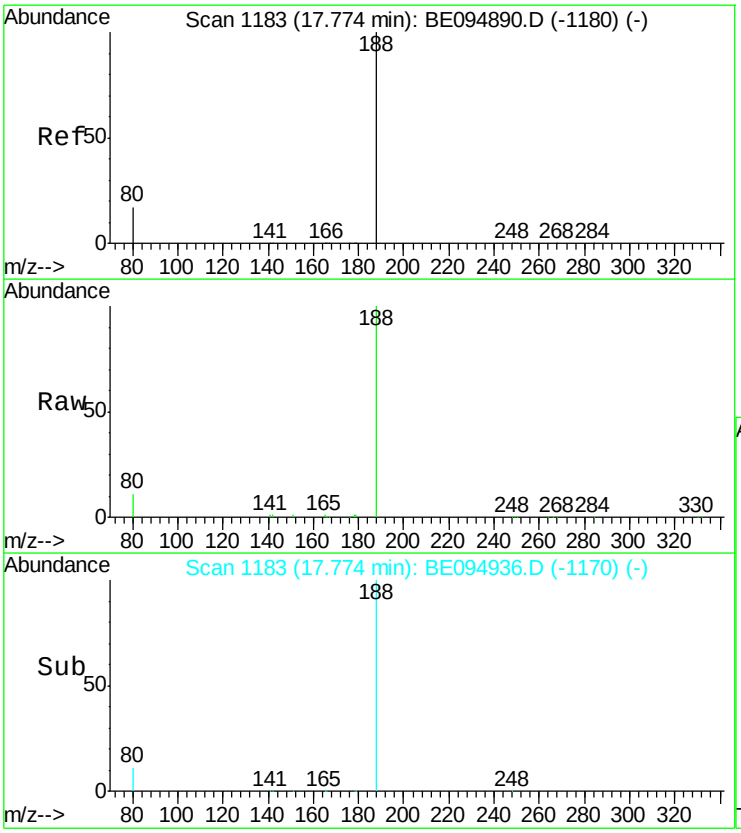
#15
2-Fluorobiphenyl
Concen: 0.403 ng
RT: 13.71 min Scan# 913
Delta R.T. -0.00 min
Lab File: BE094936.D
Acq: 6 Dec 2017 3:58

Instrument :
BNA_E
ClientSampleId :
FT-DUP03-20171130

Tgt Ion:172 Resp: 18644

Ion	Ratio	Lower	Upper
172	100		
171	33.6	29.9	44.9
170	20.1	21.8	32.8#

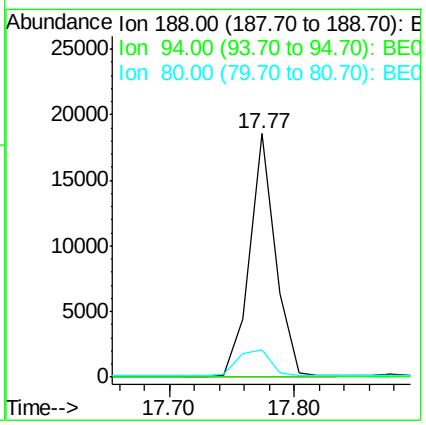


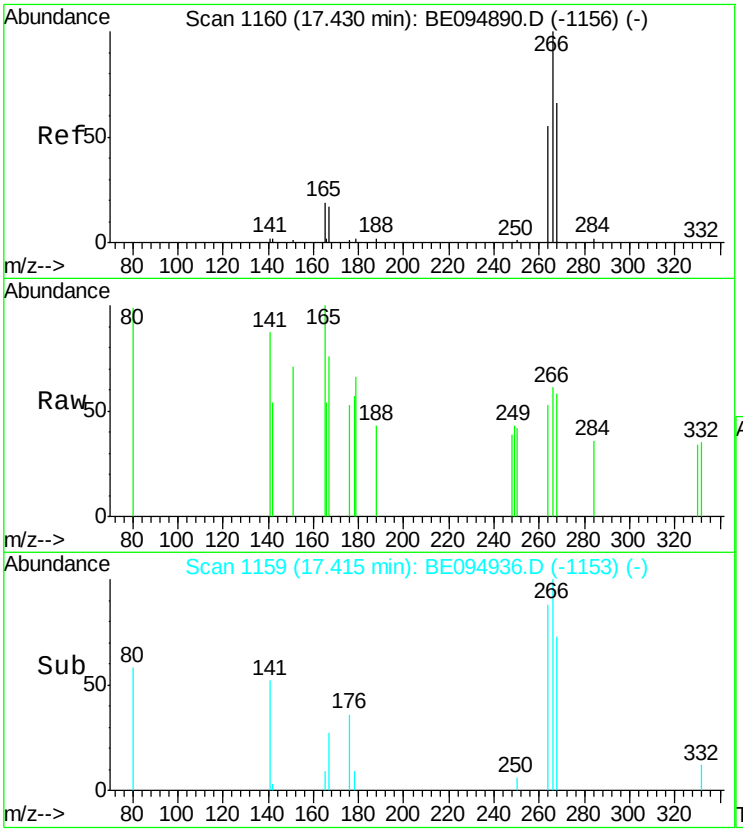


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.77 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BE094936.D
Acq: 6 Dec 2017 3:58

Tgt Ion:188 Resp: 26499

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	11.4	3.6	5.4#



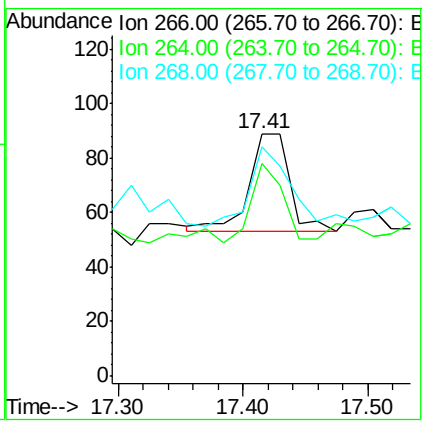


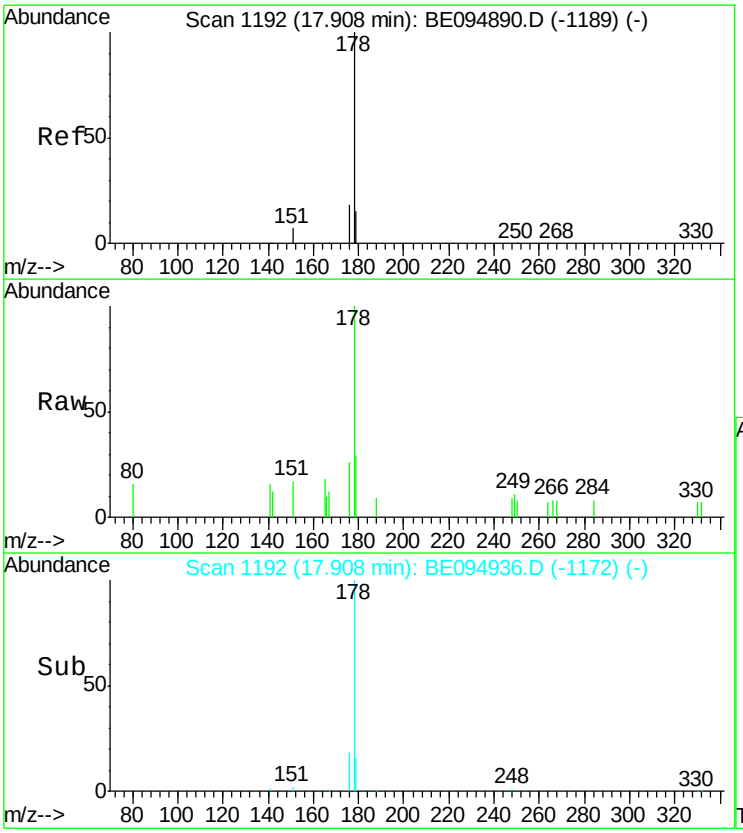
#22
Pentachlorophenol
Concen: 0.151 ng
RT: 17.41 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BE094936.D
Acq: 6 Dec 2017 3:58

Instrument :
BNA_E
ClientSampleId :
FT-DUP03-20171130

Tgt Ion:266 Resp: 83

Ion	Ratio	Lower	Upper
266	100		
264	87.6	72.5	108.7
268	94.4	73.8	110.6

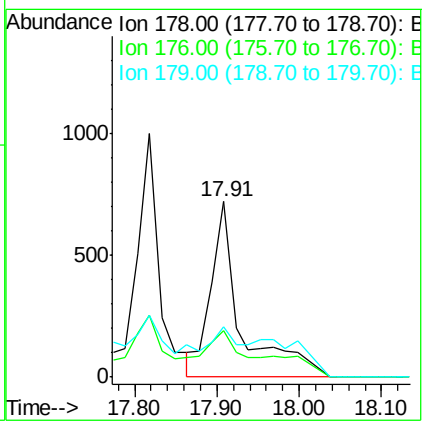


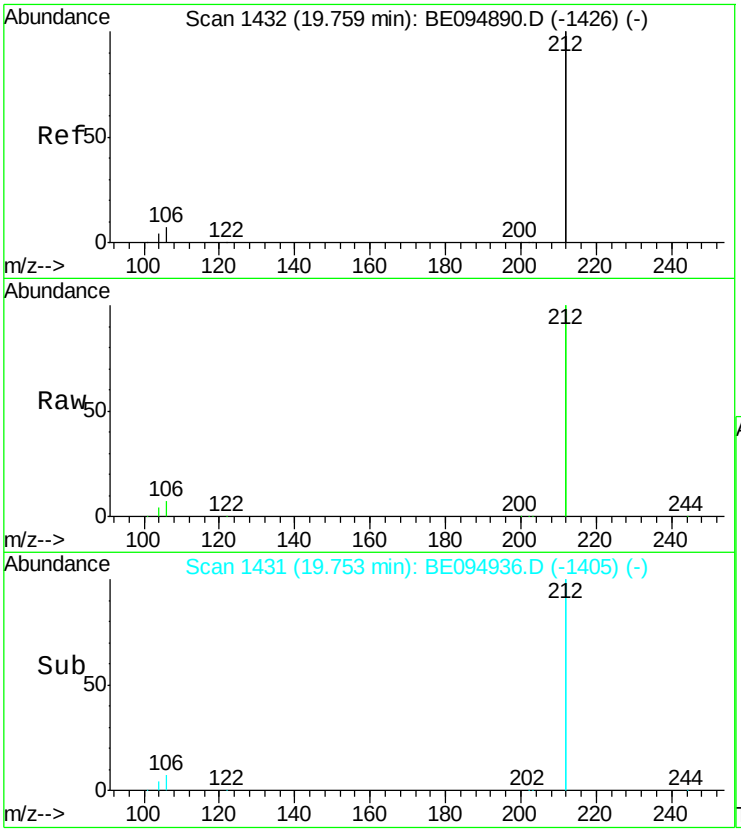


#24
Anthracene
Concen: 0.022 ng
RT: 17.91 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BE094936.D
Acq: 6 Dec 2017 3:58

Tgt Ion:178 Resp: 1958

Ion	Ratio	Lower	Upper
178	100		
176	9.6	12.8	19.2#
179	9.1	13.0	19.6#



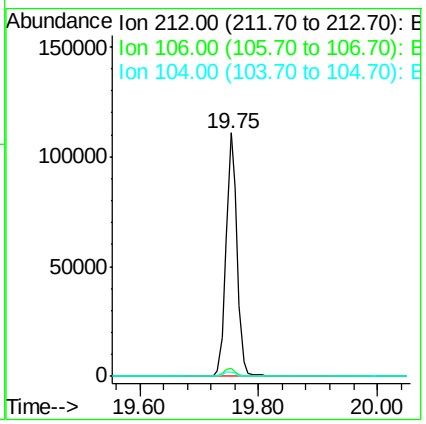


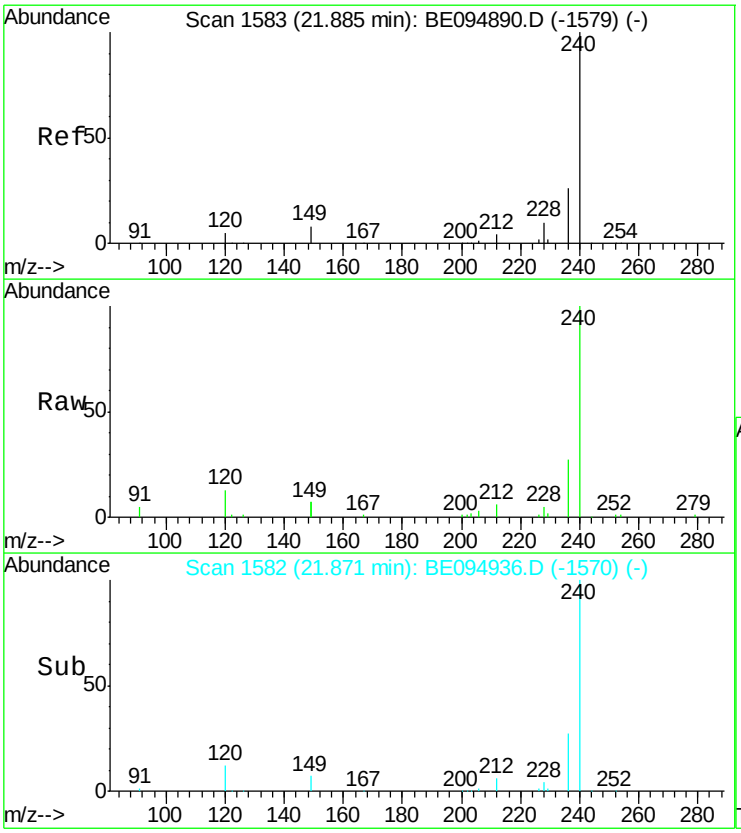
#25
Fluoranthene-d10
Concen: 0.394 ng
RT: 19.75 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BE094936.D
Acq: 6 Dec 2017 3:58

Instrument :
BNA_E
ClientSampleId :
FT-DUP03-20171130

Tgt Ion:212 Resp: 142694

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.8	4.2
104	2.0	1.6	2.4

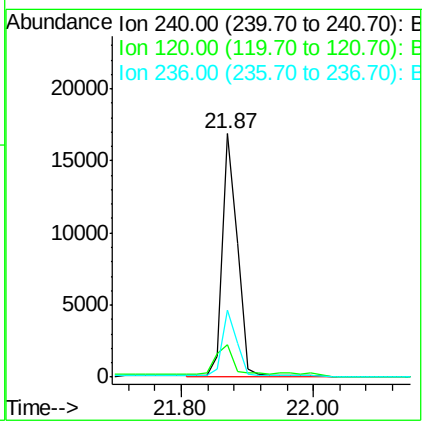


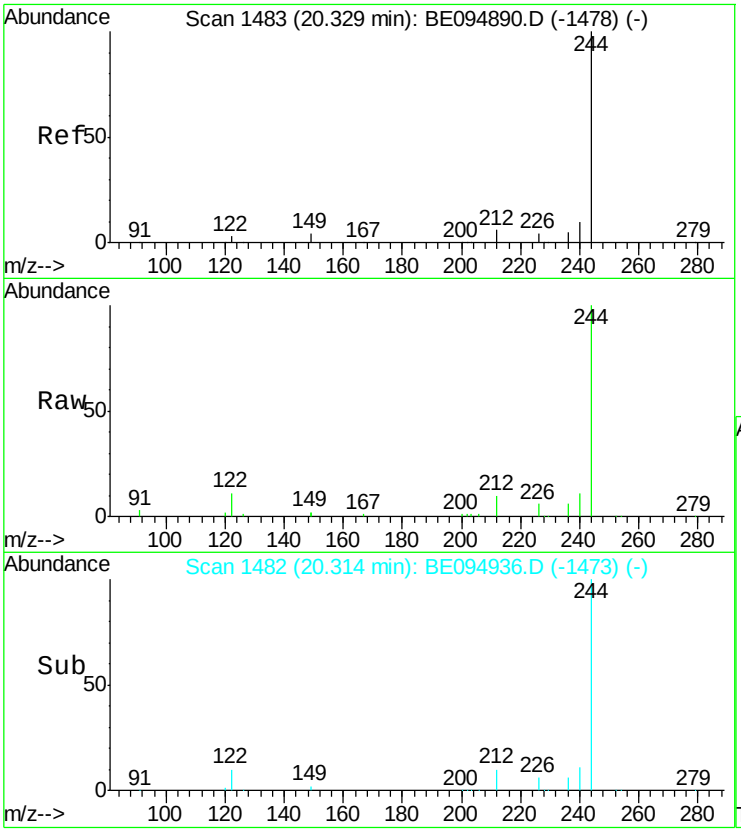


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.87 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BE094936.D
Acq: 6 Dec 2017 3:58

Tgt Ion:240 Resp: 28195

Ion	Ratio	Lower	Upper
240	100		
120	13.2	5.5	8.3#
236	27.5	20.7	31.1



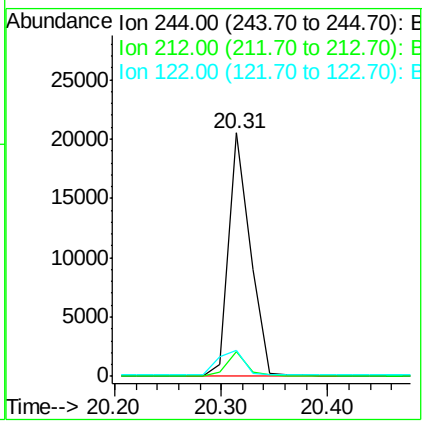


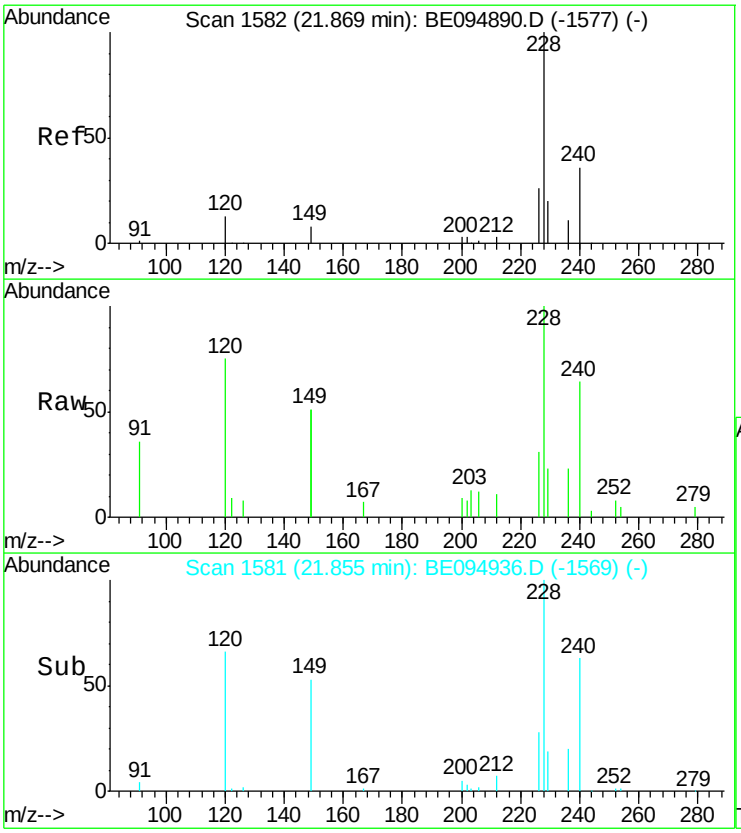
#29
Terphenyl-d14
Concen: 0.551 ng
RT: 20.31 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BE094936.D
Acq: 6 Dec 2017 3:58

Instrument :
BNA_E
ClientSampleId :
FT-DUP03-20171130

Tgt Ion:244 Resp: 28676

Ion	Ratio	Lower	Upper
244	100		
212	10.4	25.4	38.0#
122	10.8	8.1	12.1

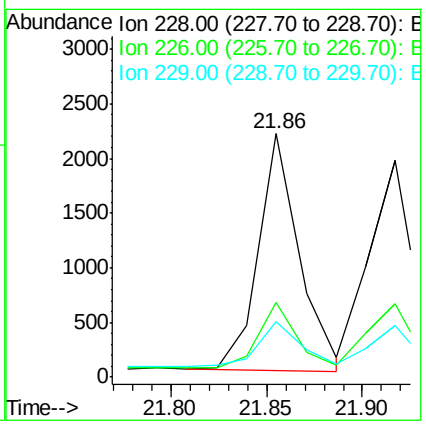


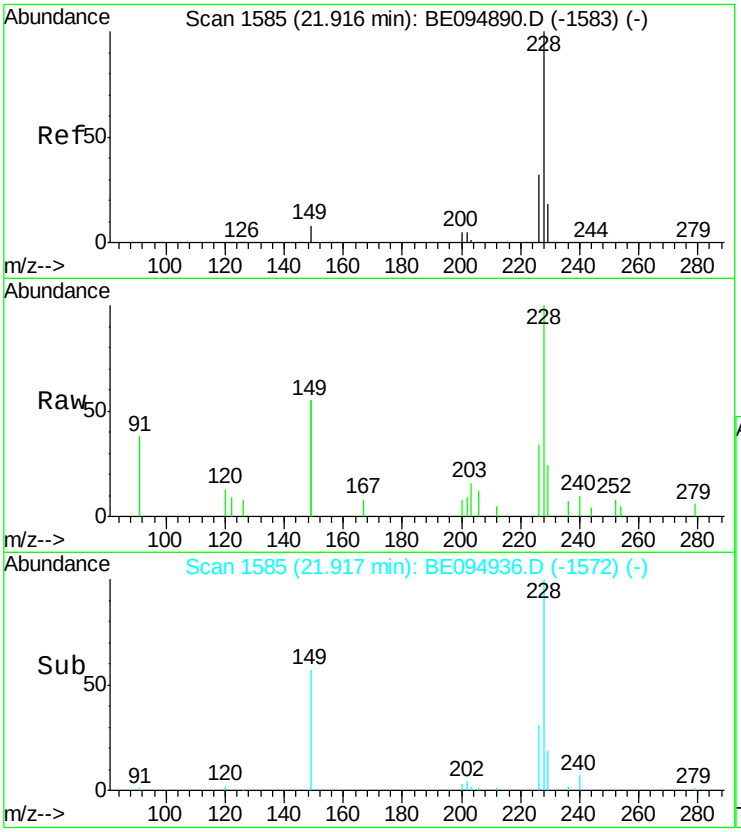


#30
Benzo(a)anthracene
Concen: 0.037 ng
RT: 21.86 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BE094936.D
Acq: 6 Dec 2017 3:58

Tgt Ion:228 Resp: 3194

Ion	Ratio	Lower	Upper
228	100		
226	30.5	40.0	60.0#
229	22.6	40.0	60.0#



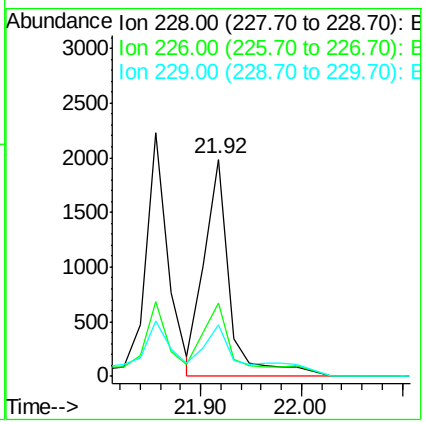


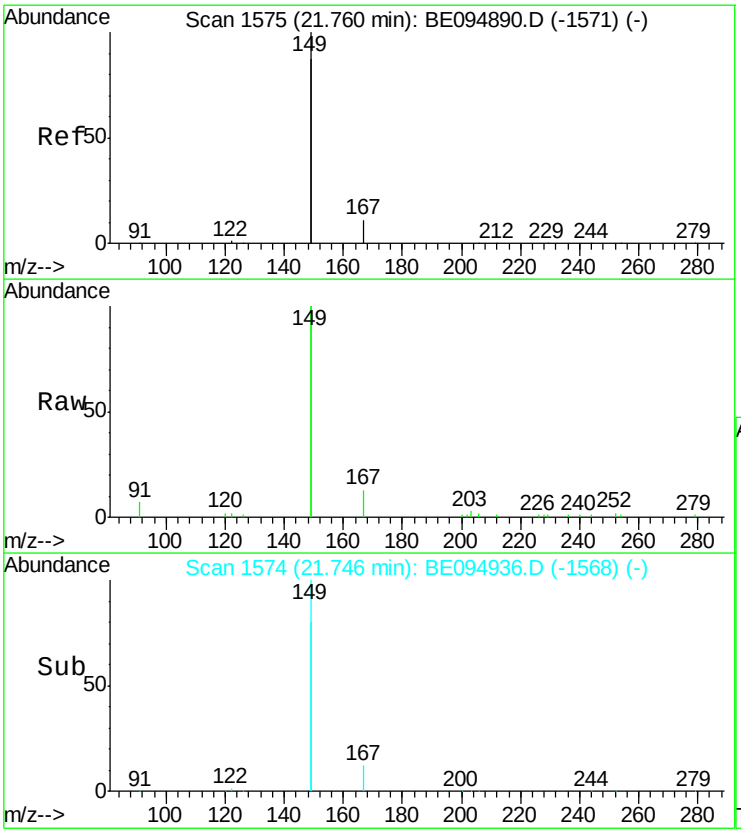
#31
Chrysene
Concen: 0.039 ng
RT: 21.92 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BE094936.D
Acq: 6 Dec 2017 3:58

Instrument :
BNA_E
ClientSampleId :
FT-DUP03-20171130

Tgt Ion:228 Resp: 3687

Ion	Ratio	Lower	Upper
228	100		
226	33.8	40.0	60.0#
229	23.8	40.0	60.0#

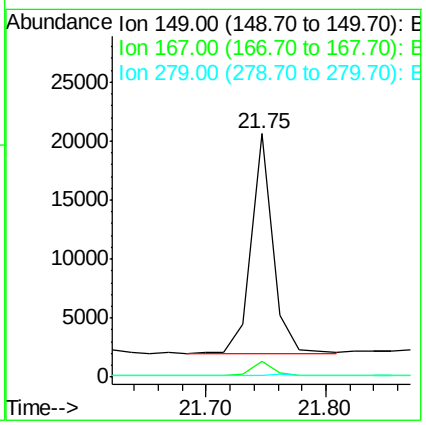


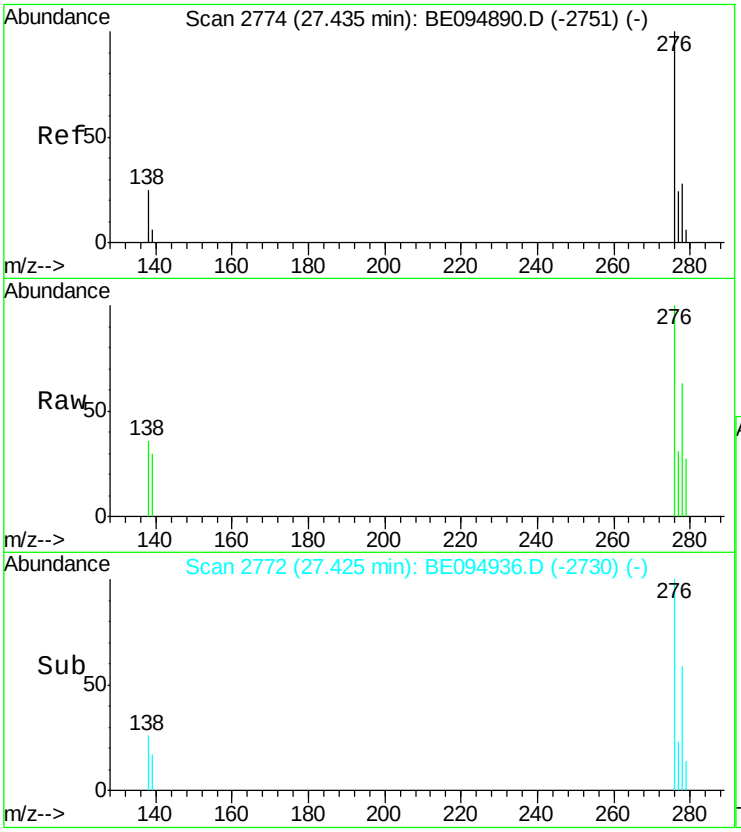


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.163 ng
RT: 21.75 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BE094936.D
Acq: 6 Dec 2017 3:58

Tgt Ion:149 Resp: 23377

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.4	8.0
279	0.9	0.7	1.1



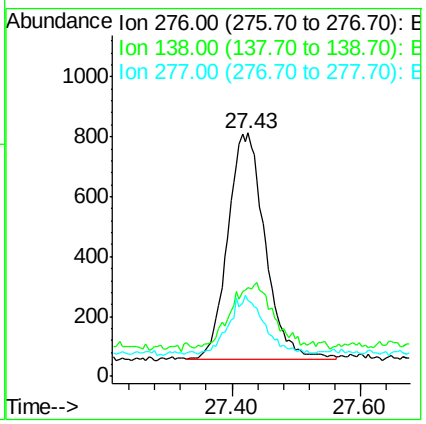


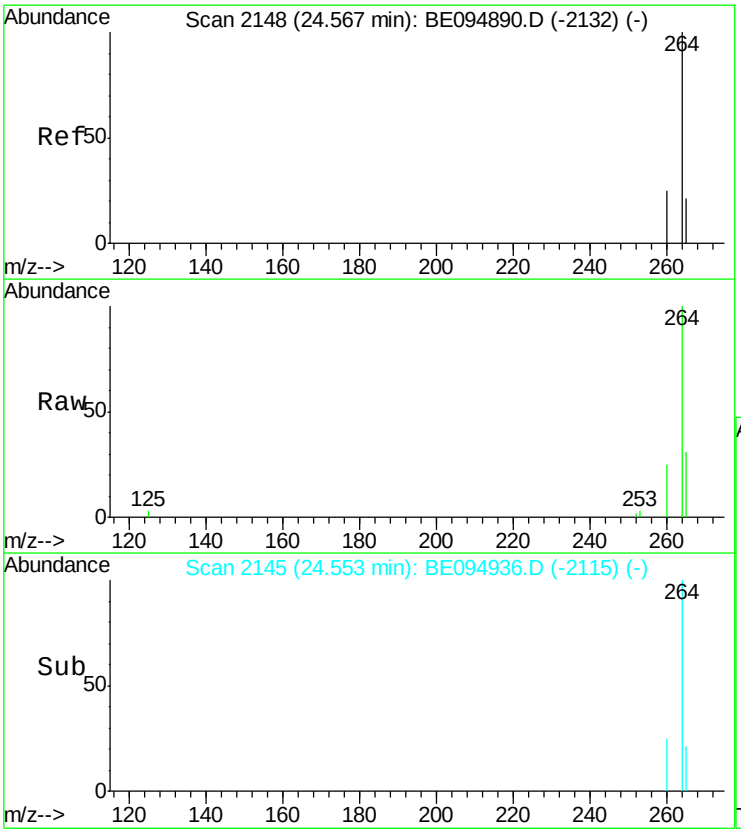
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.039 ng
RT: 27.43 min Scan# 2772
Delta R.T. -0.01 min
Lab File: BE094936.D
Acq: 6 Dec 2017 3:58

Instrument :
BNA_E
ClientSampleId :
FT-DUP03-20171130

Tgt Ion:276 Resp: 3038

Ion	Ratio	Lower	Upper
276	100		
138	32.7	22.5	33.7
277	24.2	19.9	29.9

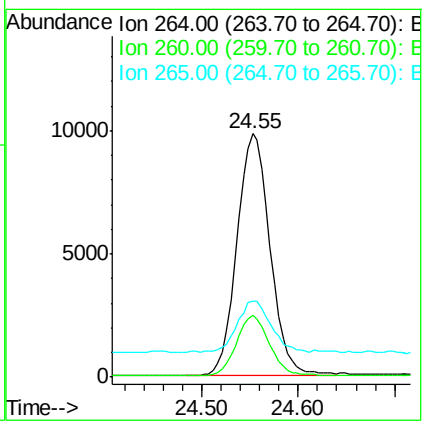


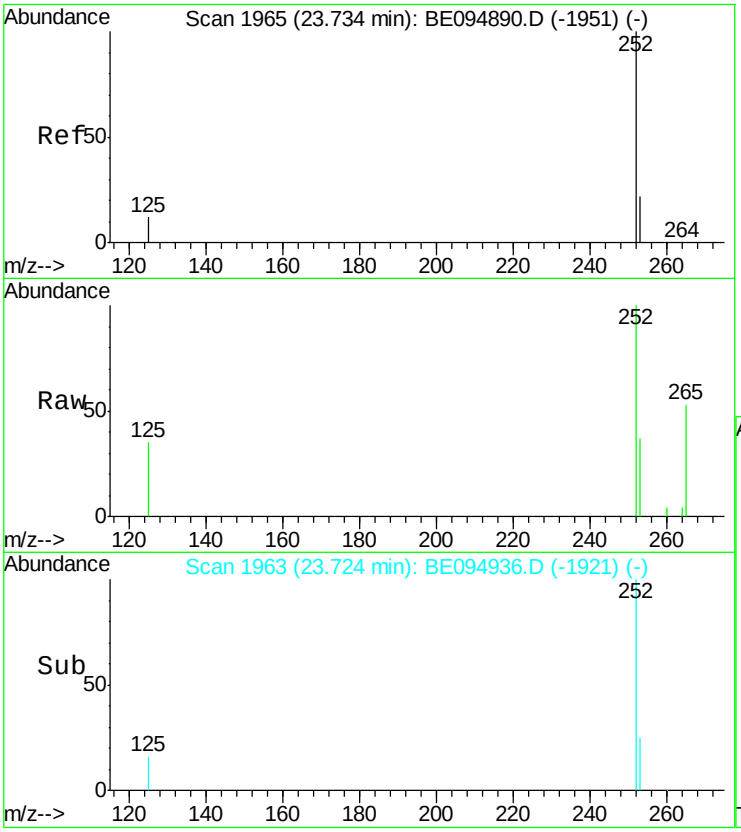


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.55 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BE094936.D
Acq: 6 Dec 2017 3:58

Tgt Ion:264 Resp: 23331

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.5	30.7
265	31.2	22.8	34.2



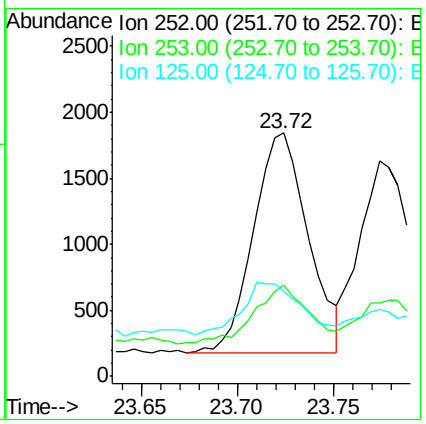


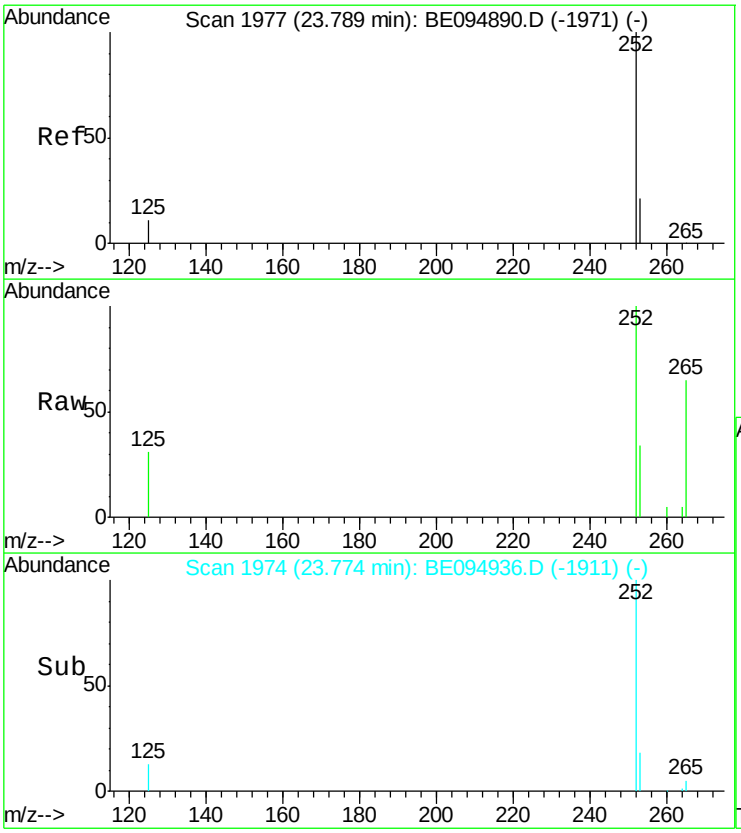
#35
Benzo(b)fluoranthene
Concen: 0.038 ng
RT: 23.72 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BE094936.D
Acq: 6 Dec 2017 3:58

Instrument :
BNA_E
ClientSampleId :
FT-DUP03-20171130

Tgt Ion:252 Resp: 3259

Ion	Ratio	Lower	Upper
252	100		
253	37.3	48.0	72.0#
125	35.0	56.0	84.0#

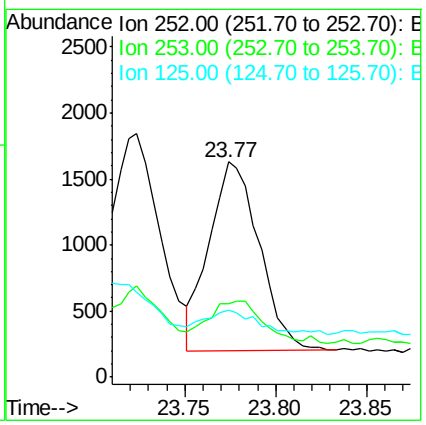


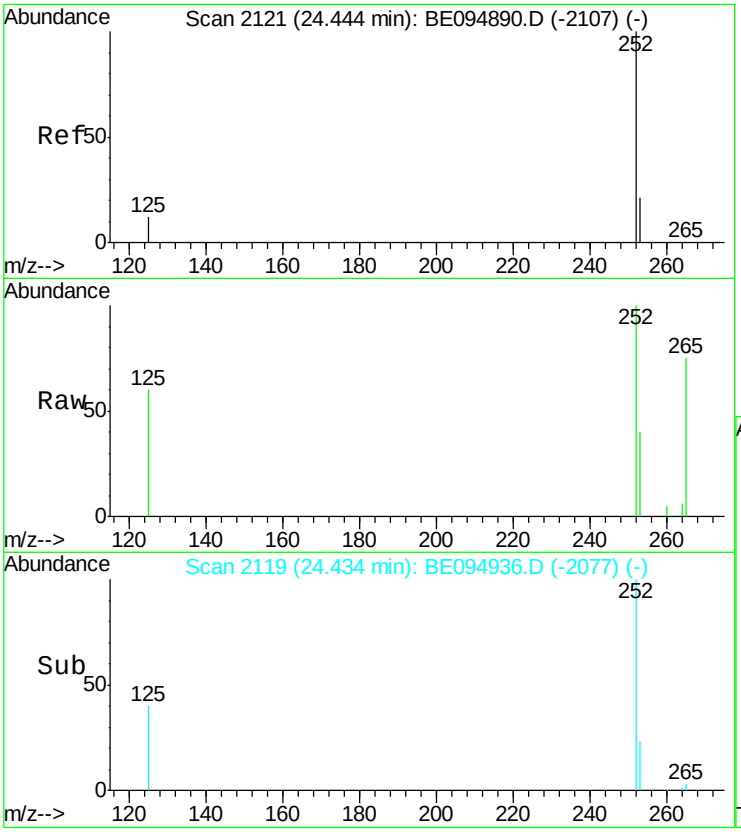


#36
Benzo(k)fluoranthene
Concen: 0.031 ng
RT: 23.77 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BE094936.D
Acq: 6 Dec 2017 3:58

Tgt Ion:252 Resp: 2735

Ion	Ratio	Lower	Upper
252	100		
253	33.9	48.0	72.0#
125	31.2	56.0	84.0#



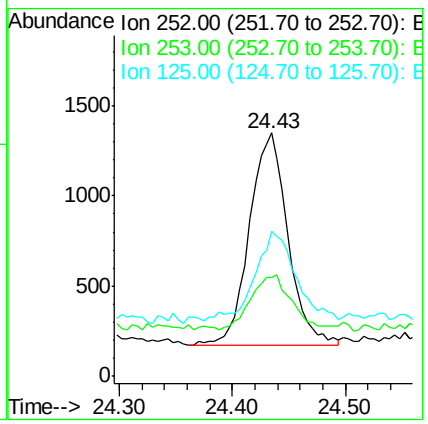


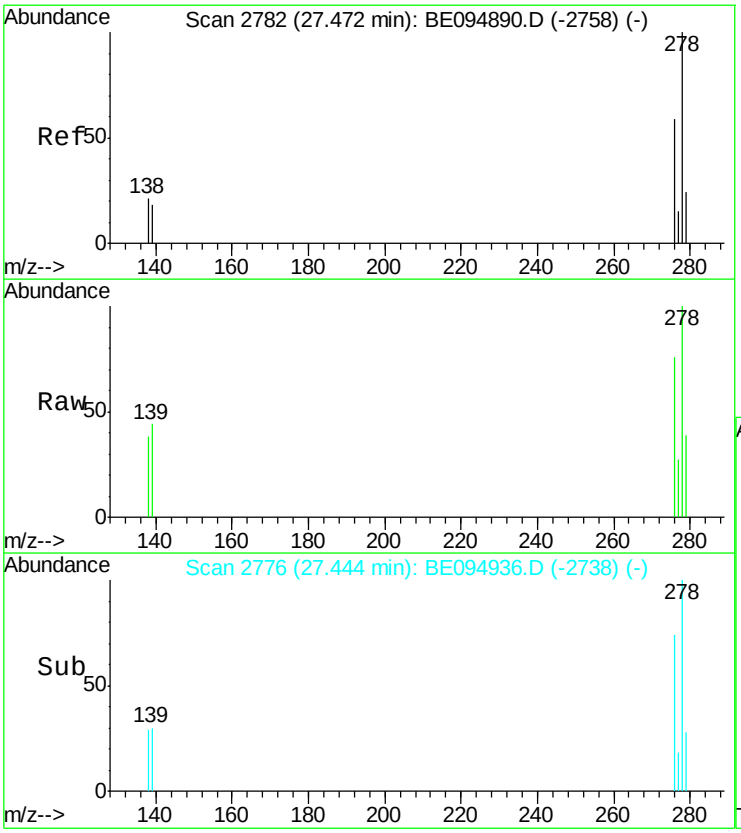
#37
Benzo(a)pyrene
Concen: 0.037 ng
RT: 24.43 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BE094936.D
Acq: 6 Dec 2017 3:58

Instrument :
BNA_E
ClientSampleId :
FT-DUP03-20171130

Tgt Ion:252 Resp: 2757

Ion	Ratio	Lower	Upper
252	100		
253	40.4	52.0	78.0#
125	59.7	68.0	102.0#

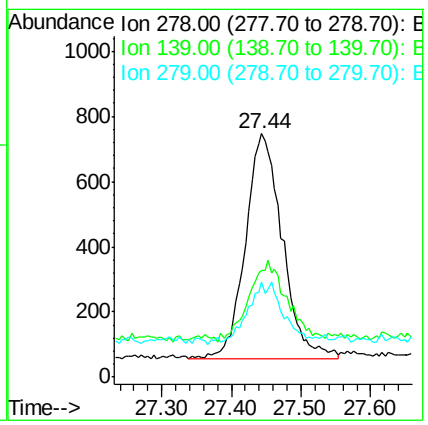


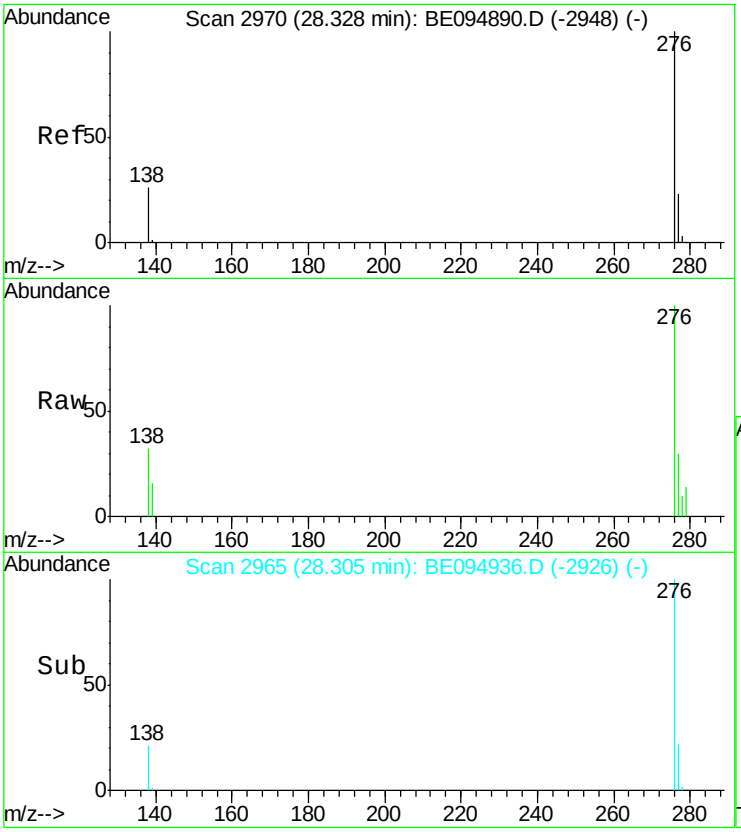


#38
Dibenzo(a,h)anthracene
Concen: 0.037 ng
RT: 27.44 min Scan# 2776
Delta R.T. -0.03 min
Lab File: BE094936.D
Acq: 6 Dec 2017 3:58

Tgt Ion:278 Resp: 2527

Ion	Ratio	Lower	Upper
278	100		
139	43.9	56.0	84.0#
279	39.2	52.0	78.0#





#39
Benzo(g,h,i)perylene
Concen: 0.041 ng
RT: 28.30 min Scan# 2965
Delta R.T. -0.02 min
Lab File: BE094936.D
Acq: 6 Dec 2017 3:58

Instrument :
BNA_E
ClientSampleId :
FT-DUP03-20171130

Tgt Ion:276 Resp: 2810

Ion	Ratio	Lower	Upper
276	100		
277	30.0	52.0	78.0#
138	31.6	44.0	66.0#