Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112717\
Data File : BE094865.D
Acq On : 27 Nov 2017 10:41
Operator : SJ/JU
Sample : I6336-02
Misc :
ALS Vial : 4 Sample Multiplier: 50

Instrument : BNA_E
ClientSampleId :

Quant Time: Nov 27 11:25:01 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 22:40:47 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	31498	20.00	ng		-0.03
7) Naphthalene-d8	10.67	136	201198	20.00	ng		-0.03
13) Acenaphthene-d10	14.50	164	136279	20.00	ng		-0.01
19) Phenanthrene-d10	17.24	188	276915	20.00	ng		0.00
27) Chrysene-d12	21.41	240	356406	20.00	ng		-0.01
34) Perylene-d12	23.94	264	350240	20.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.49	112	42934	19.89	ng		-0.04
5) Phenol-d6	7.09	99	46066	14.14	ng		-0.05
8) Nitrobenzene-d5	9.04	82	141973	44.19	ng		-0.03
11) 2-Methylnaphthalene-d10	12.27	152	17	0.00	ng		-0.02
14) 2,4,6-Tribromophenol	16.00	330	59594	79.27	ng		-0.03
15) 2-Fluorobiphenyl	13.12	172	352663	36.71	ng		-0.03
25) Fluoranthene-d10	19.27	212	56	-50.00	ng		0.00
29) Terphenyl-d14	19.84	244	507235	37.74	ng		-0.02
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.75	42	32	0.031	ng	#	11
6) bis(2-Chloroethyl)ether	7.43	93	120	0.048	ng	#	1
9) Naphthalene	10.72	128	73595	1.616	ng		99
12) 2-Methylnaphthalene	12.34	142	7454	0.965	ng		97
16) Acenaphthylene	14.23	152	2358	0.164	ng	#	95
17) Acenaphthene	14.56	154	40396	4.372	ng		98
18) Fluorene	15.55	166	35810	3.024	ng		96
23) Phenanthrene	17.27	178	58836	1.191	ng	#	94
24) Anthracene	17.27	178	58836	3.615	ng		97
26) Fluoranthene	19.30	202	19720	Below Cal		#	97
28) Pyrene	19.67	202	12036	0.483	ng		96
30) Benzo(a)anthracene	21.39	228	2020	0.087	ng	#	73
31) Chrysene	21.39	228	2020	0.086	ng	#	73
32) Bis(2-ethylhexyl)phthalate	21.27	149	12049	0.212	ng	#	100

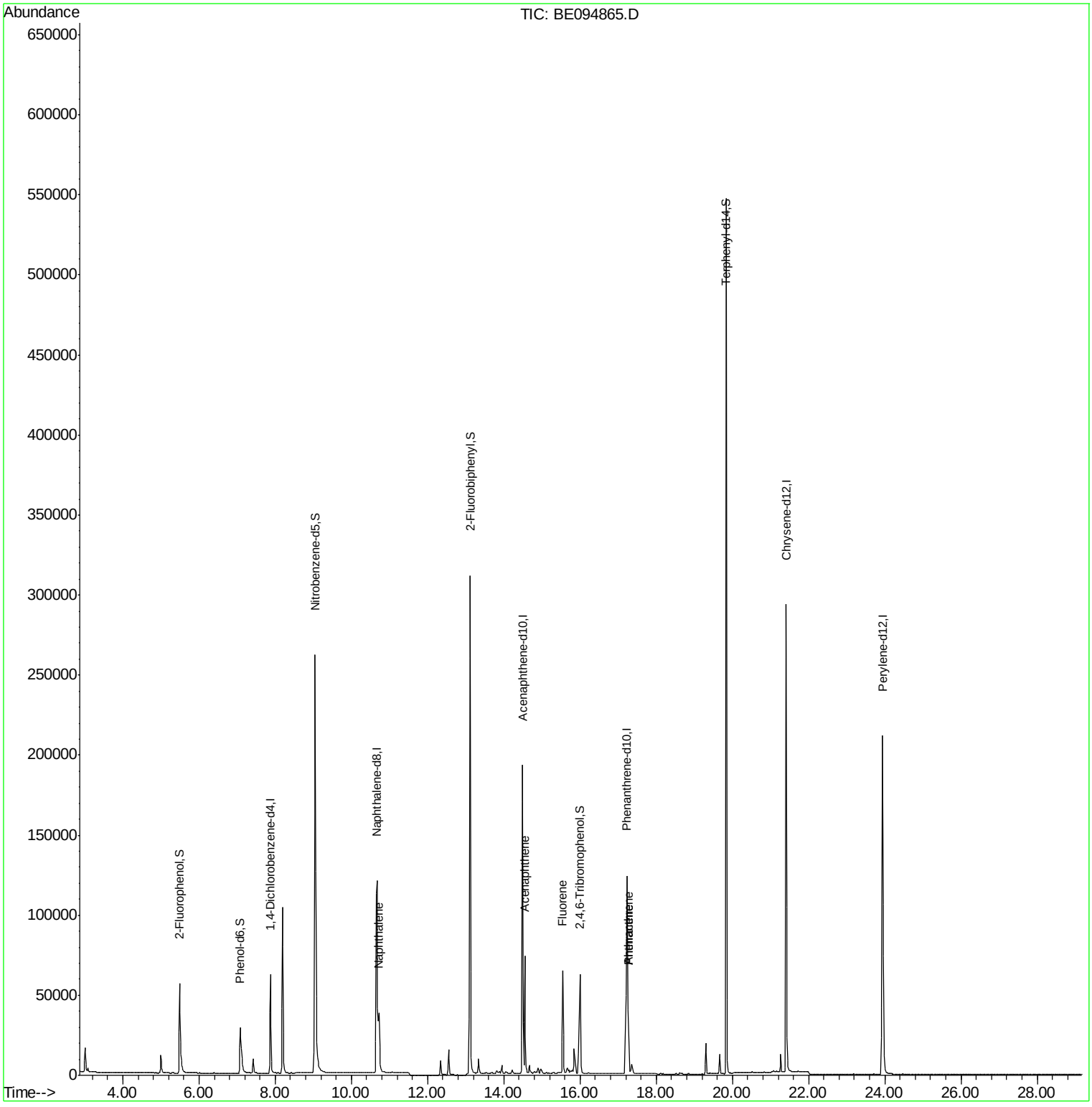
(#) = qualifier out of range (m) = manual integration (+) = signals summed

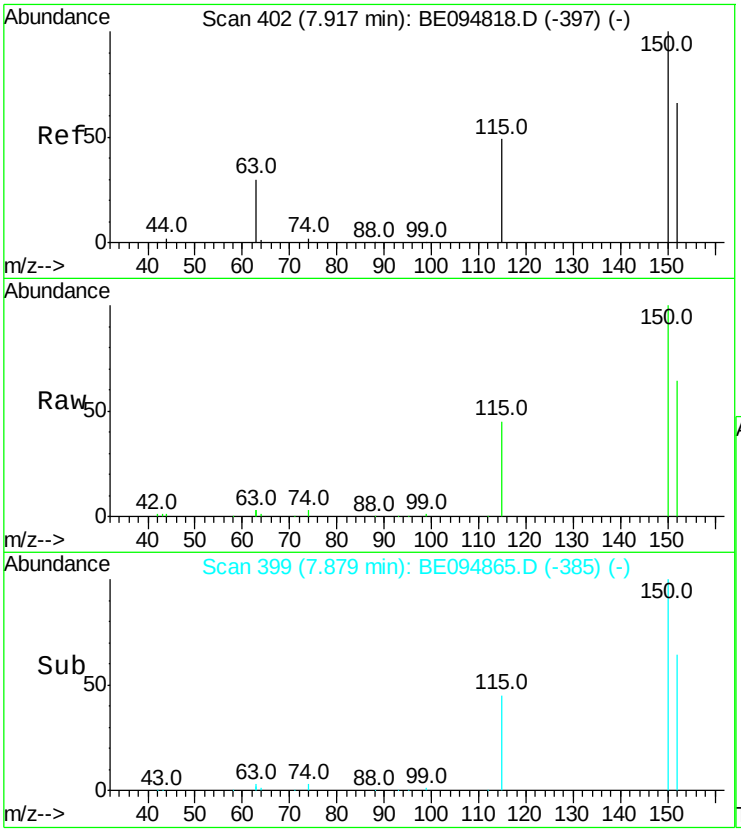
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112717\
Data File : BE094865.D
Acq On : 27 Nov 2017 10:41
Operator : SJ/JU
Sample : I6336-02
Misc :
ALS Vial : 4 Sample Multiplier: 50

Instrument :
BNA_E
ClientSampleId :

Quant Time: Nov 27 11:25:01 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 22:40:47 2017
Response via : Initial Calibration



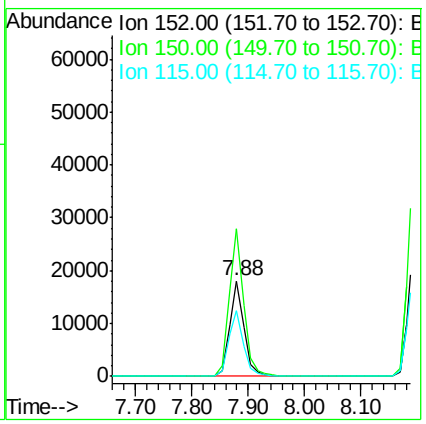


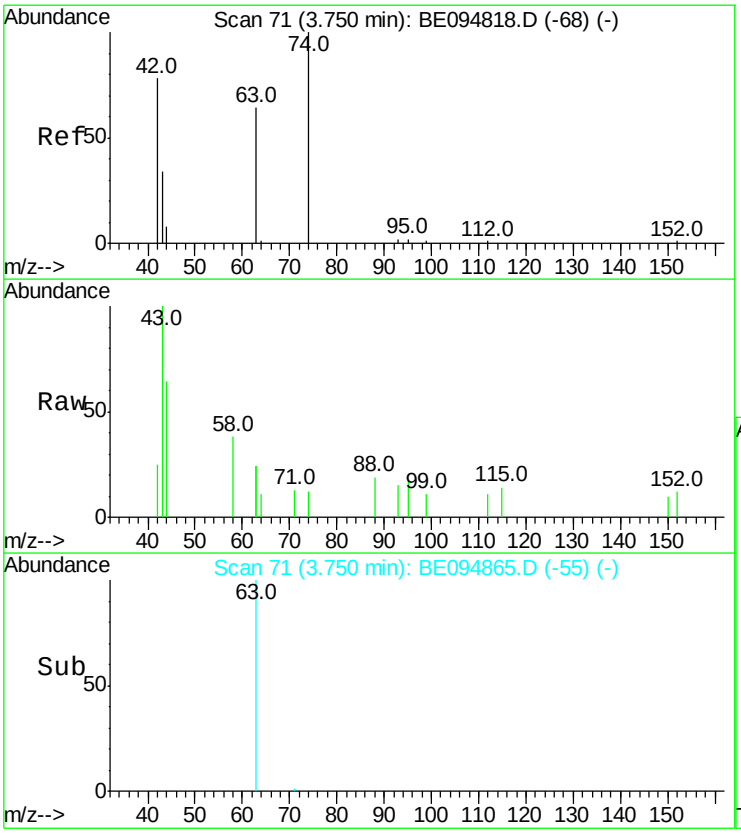
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.88 min Scan# 399
Delta R.T. -0.03 min
Lab File: BE094865.D
Acq: 27 Nov 2017 10:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 31498

Ion	Ratio	Lower	Upper
152	100		
150	155.1	117.2	175.8
115	69.4	57.0	85.6

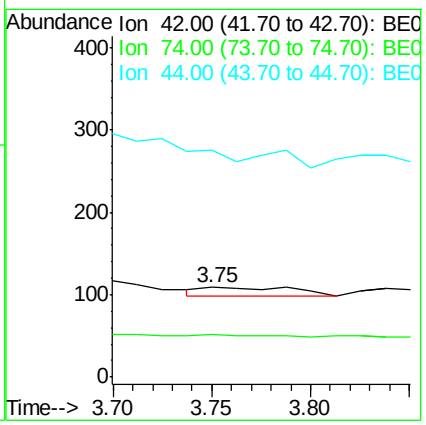


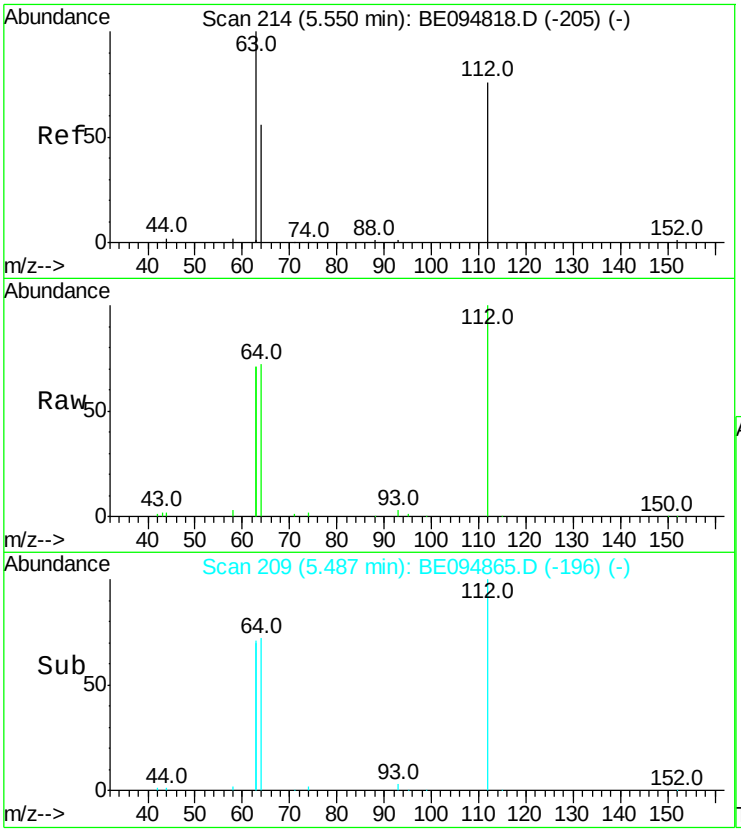


#3
n-Nitrosodimethylamine
Concen: 0.031 ng
RT: 3.75 min Scan# 71
Delta R.T. -0.00 min
Lab File: BE094865.D
Acq: 27 Nov 2017 10:41

Tgt Ion: 42 Resp: 32

Ion	Ratio	Lower	Upper
42	100		
74	15.6	100.3	150.5#
44	0.0	17.0	25.4#



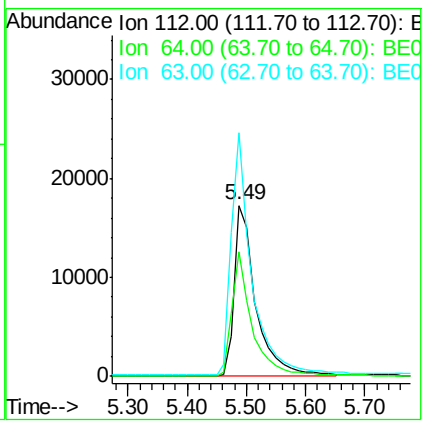


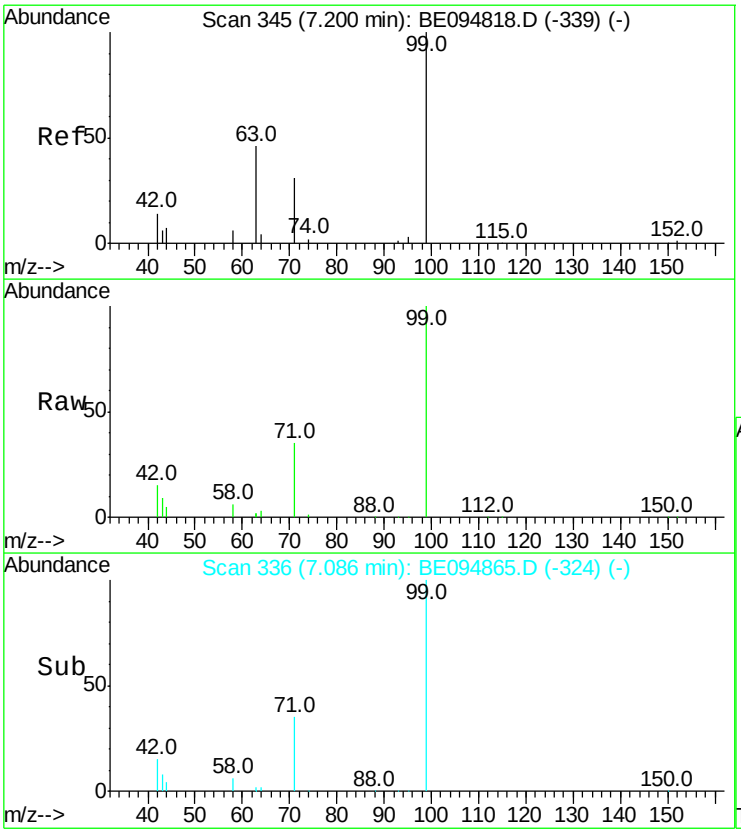
#4
2-Fluorophenol
Concen: 19.894 ng
RT: 5.49 min Scan# 209
Delta R.T. -0.04 min
Lab File: BE094865.D
Acq: 27 Nov 2017 10:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 42934

Ion	Ratio	Lower	Upper
112	100		
64	67.0	60.1	90.1
63	132.8	116.8	175.2

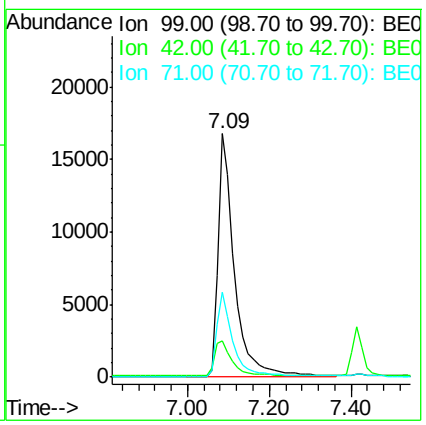


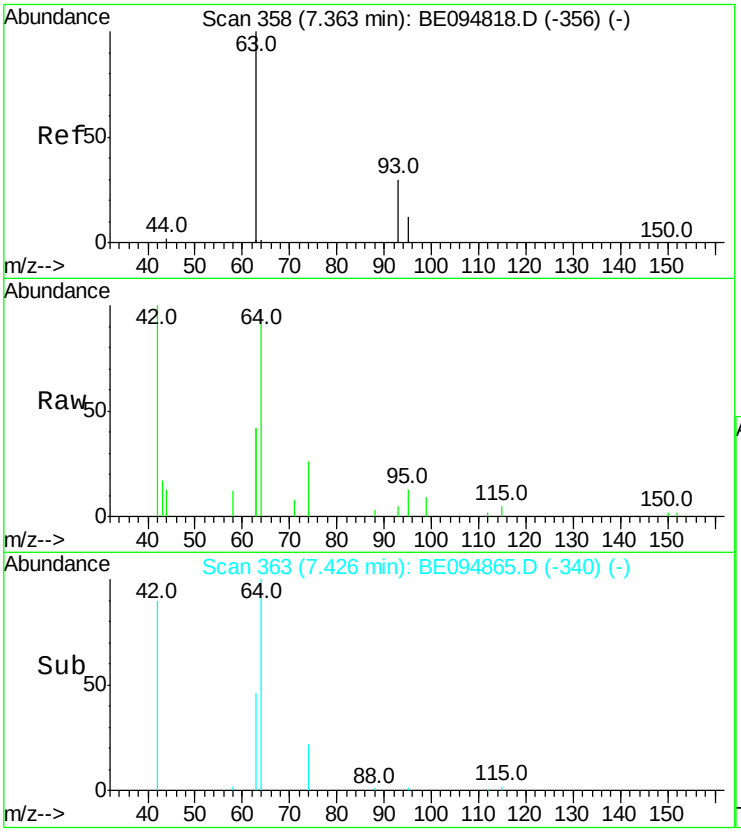


#5
Phenol-d6
Concen: 14.141 ng
RT: 7.09 min Scan# 336
Delta R.T. -0.05 min
Lab File: BE094865.D
Acq: 27 Nov 2017 10:41

Tgt Ion: 99 Resp: 46066

Ion	Ratio	Lower	Upper
99	100		
42	16.1	20.2	30.2#
71	34.1	28.4	42.6



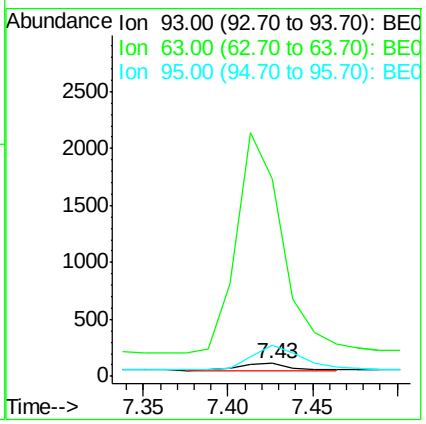


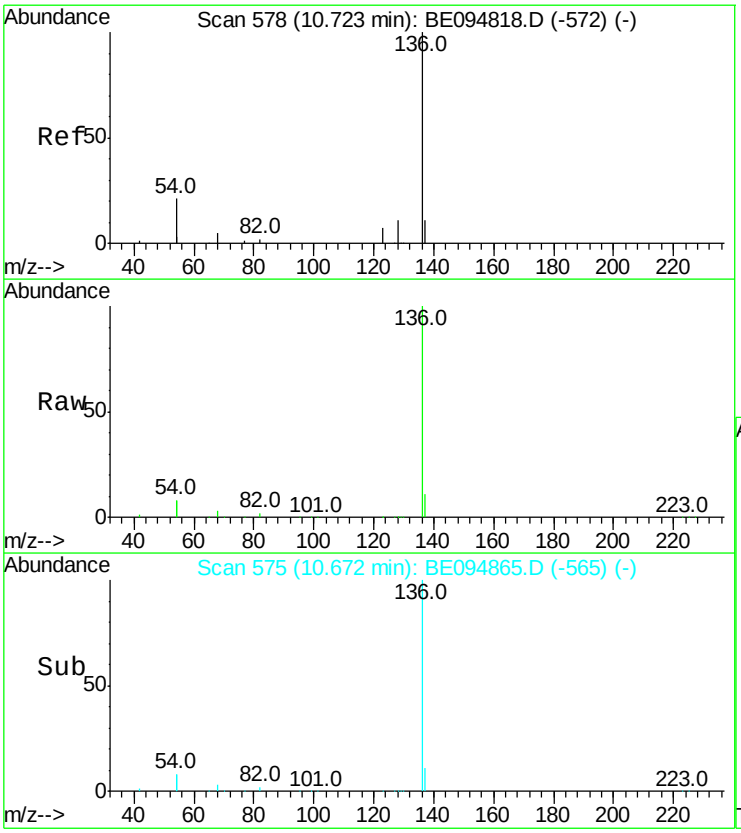
#6
bis(2-Chloroethyl)ether
Concen: 0.048 ng
RT: 7.43 min Scan# 363
Delta R.T. 0.09 min
Lab File: BE094865.D
Acq: 27 Nov 2017 10:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 93 Resp: 120

Ion	Ratio	Lower	Upper
93	100		
63	3041.7	275.3	412.9#
95	353.3	25.2	37.8#

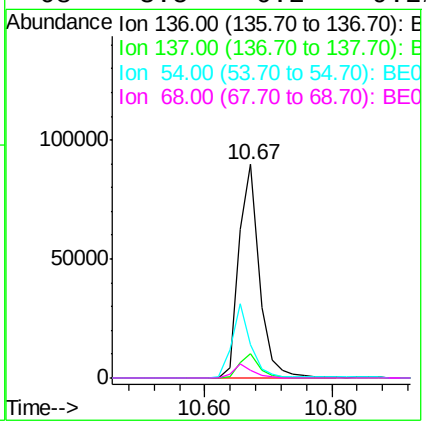


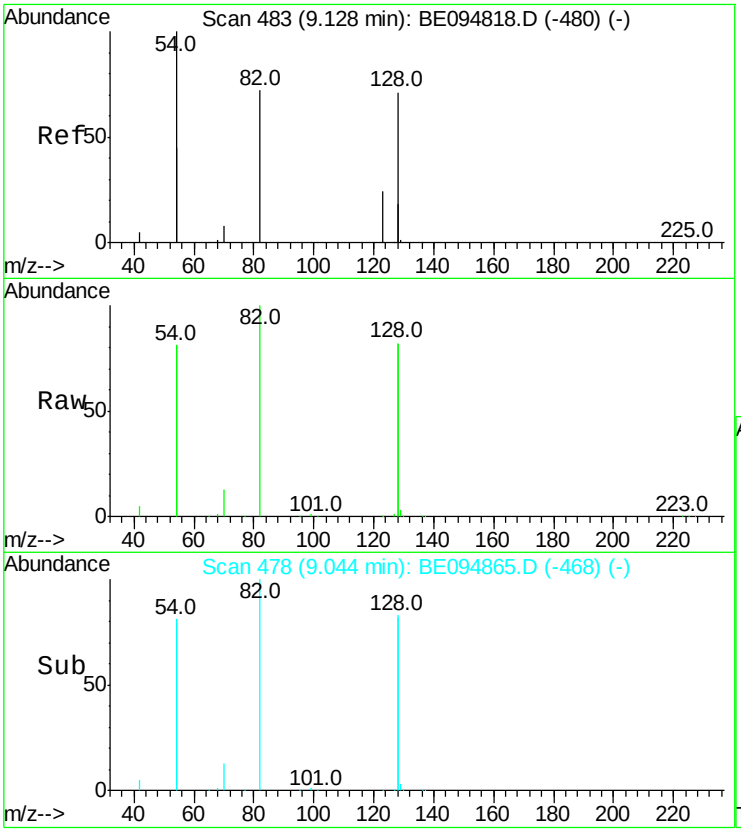


#7
Naphthalene-d8
Concen: 20.000 ng
RT: 10.67 min Scan# 575
Delta R.T. -0.03 min
Lab File: BE094865.D
Acq: 27 Nov 2017 10:41

Tgt Ion:136 Resp: 201198

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.5	14.3
54	15.7	29.1	43.7#
68	3.5	6.2	9.2#



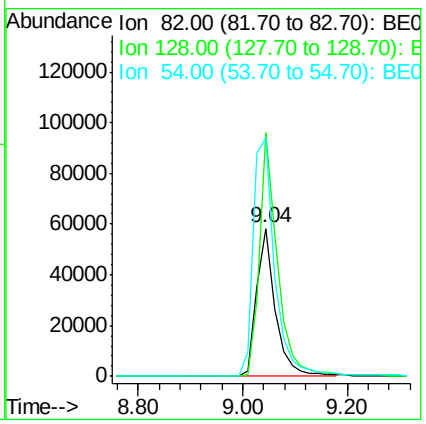


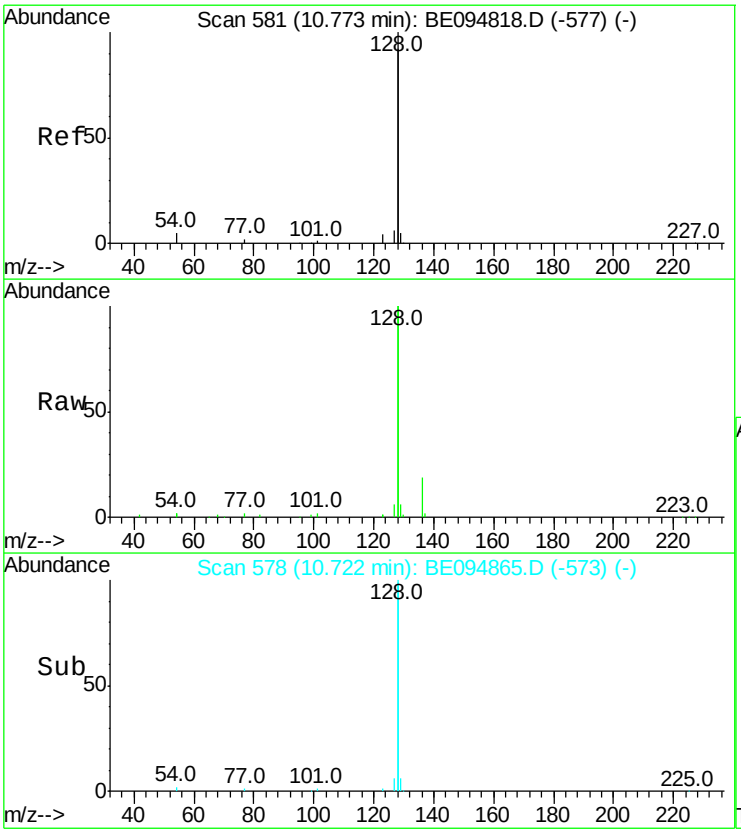
#8
Nitrobenzene-d5
Concen: 44.192 ng
RT: 9.04 min Scan# 478
Delta R.T. -0.03 min
Lab File: BE094865.D
Acq: 27 Nov 2017 10:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 141973

Ion	Ratio	Lower	Upper
82	100		
128	164.9	150.0	225.0
54	161.5	154.2	231.4

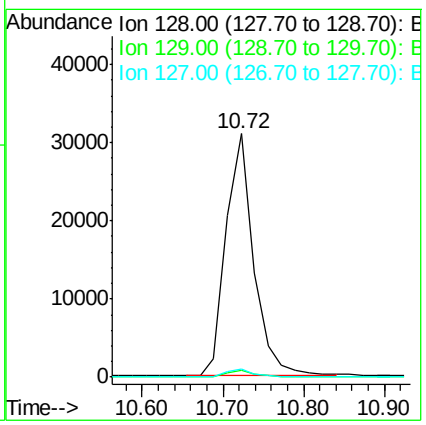


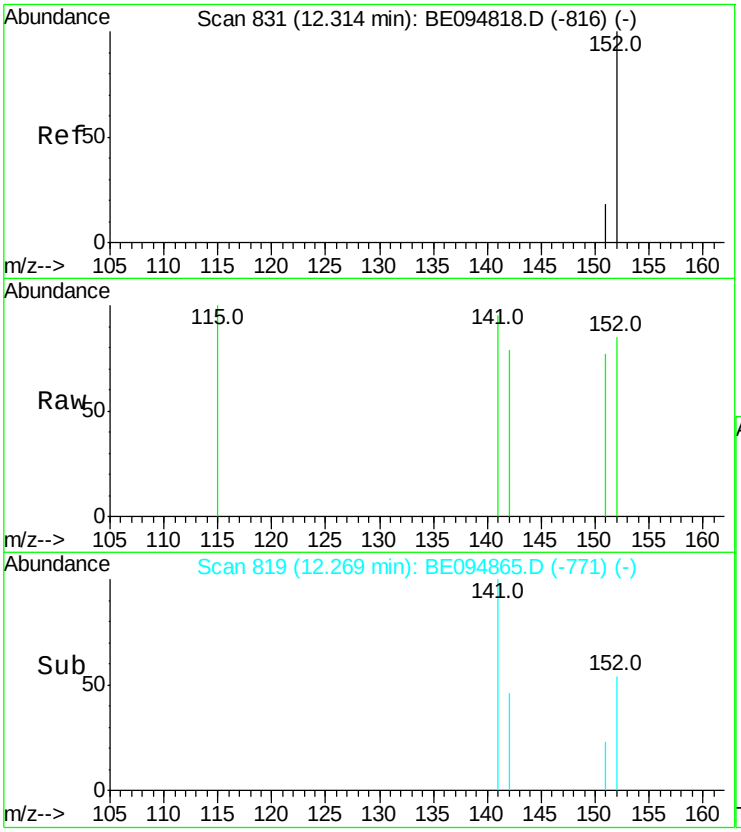


#9
Naphthalene
Concen: 1.616 ng
RT: 10.72 min Scan# 578
Delta R.T. -0.02 min
Lab File: BE094865.D
Acq: 27 Nov 2017 10:41

Tgt Ion:128 Resp: 73595

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.6	3.8
127	3.2	2.8	4.2



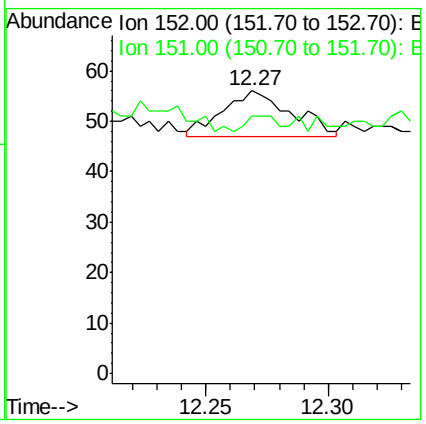


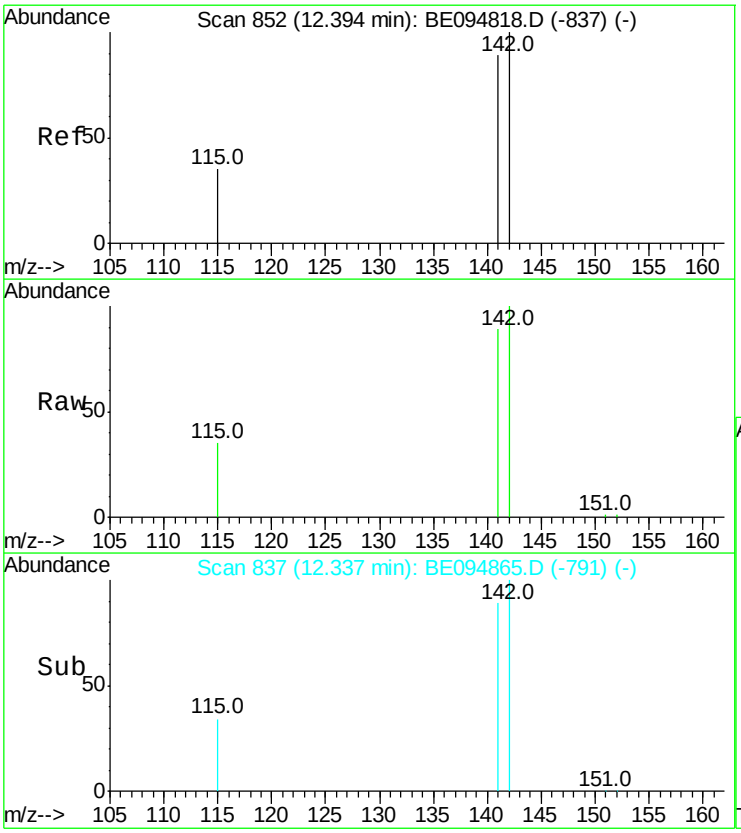
#11
2-Methylnaphthalene-d10
Concen: 0.003 ng
RT: 12.27 min Scan# 819
Delta R.T. -0.02 min
Lab File: BE094865.D
Acq: 27 Nov 2017 10:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 17

Ion	Ratio	Lower	Upper
152	100		
151	17.6	15.4	23.0

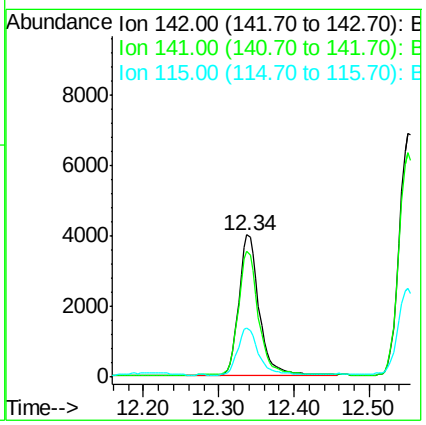


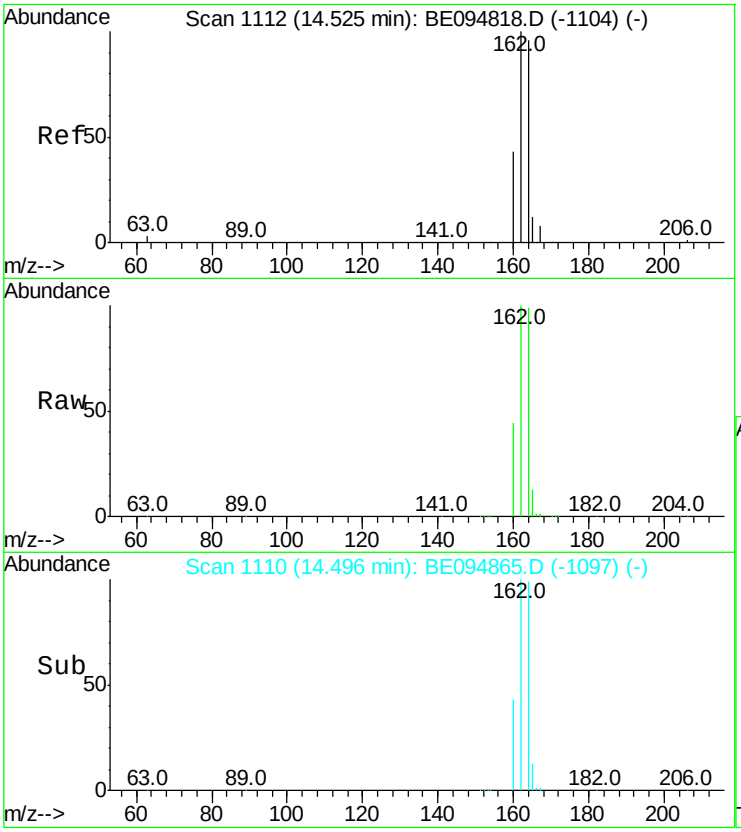


#12
2-Methylnaphthalene
Concen: 0.965 ng
RT: 12.34 min Scan# 837
Delta R.T. -0.03 min
Lab File: BE094865.D
Acq: 27 Nov 2017 10:41

Tgt Ion:142 Resp: 7454

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.4	105.6
115	34.7	31.7	47.5



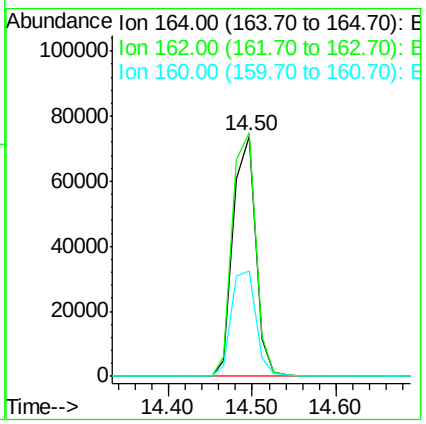


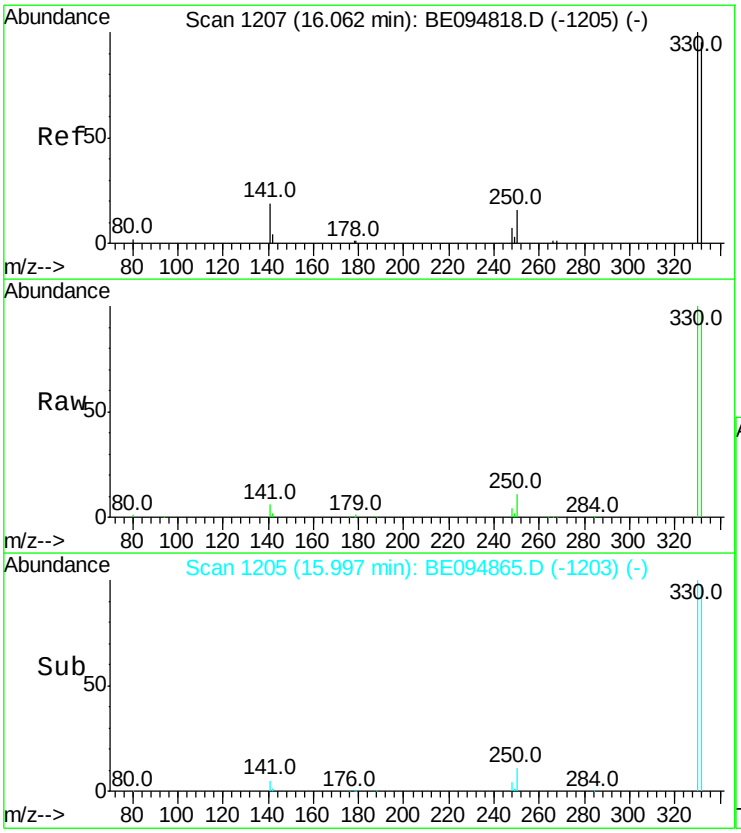
#13
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.50 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BE094865.D
Acq: 27 Nov 2017 10:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 136279

Ion	Ratio	Lower	Upper
164	100		
162	101.3	83.1	124.7
160	44.1	37.1	55.7

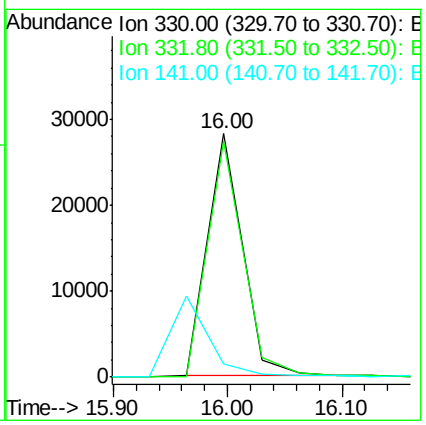


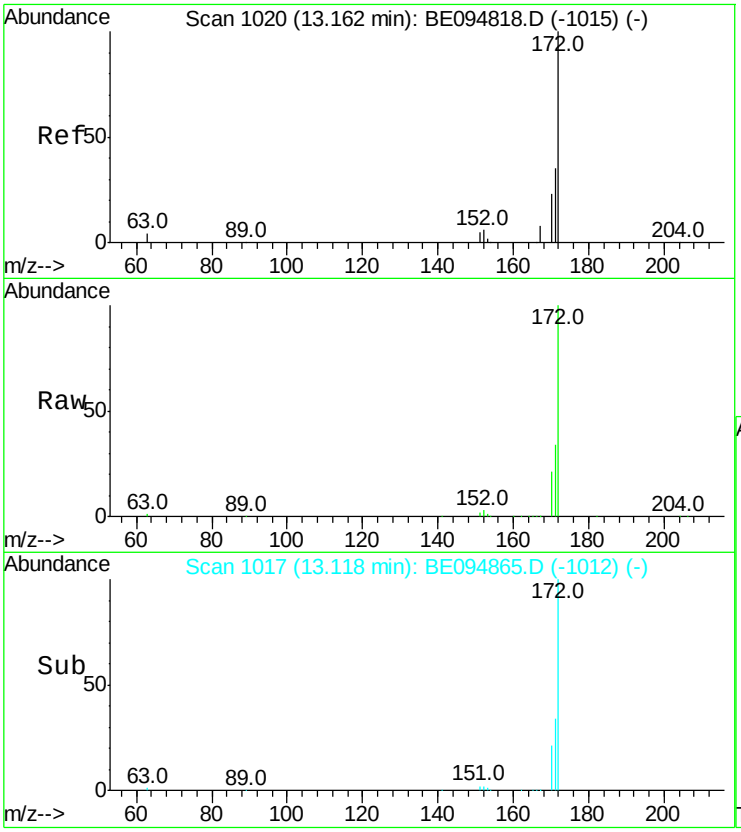


#14
2,4,6-Tribromophenol
Concen: 79.267 ng
RT: 16.00 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BE094865.D
Acq: 27 Nov 2017 10:41

Tgt Ion:330 Resp: 59594

Ion	Ratio	Lower	Upper
330	100		
332	98.5	152.7	229.1#
141	0.0	33.7	50.5#



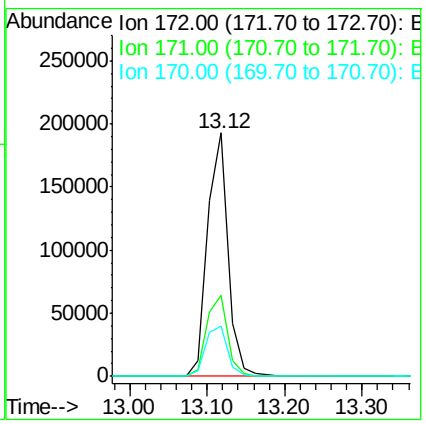


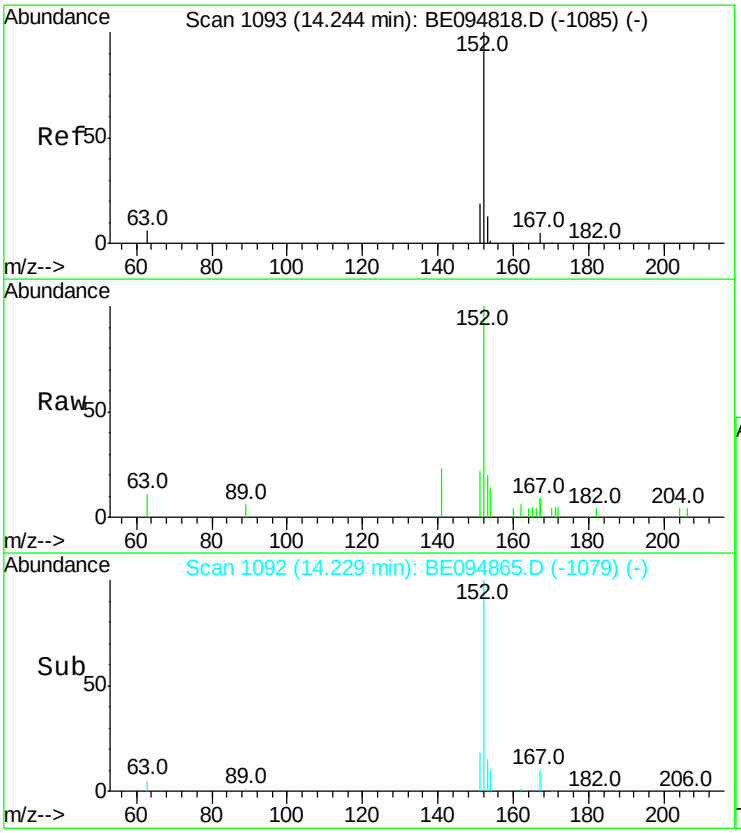
#15
2-Fluorobiphenyl
Concen: 36.713 ng
RT: 13.12 min Scan# 1017
Delta R.T. -0.03 min
Lab File: BE094865.D
Acq: 27 Nov 2017 10:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 352663

Ion	Ratio	Lower	Upper
172	100		
171	33.5	29.9	44.9
170	20.8	21.8	32.8#

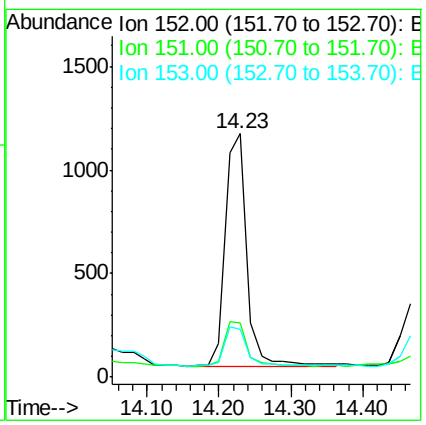


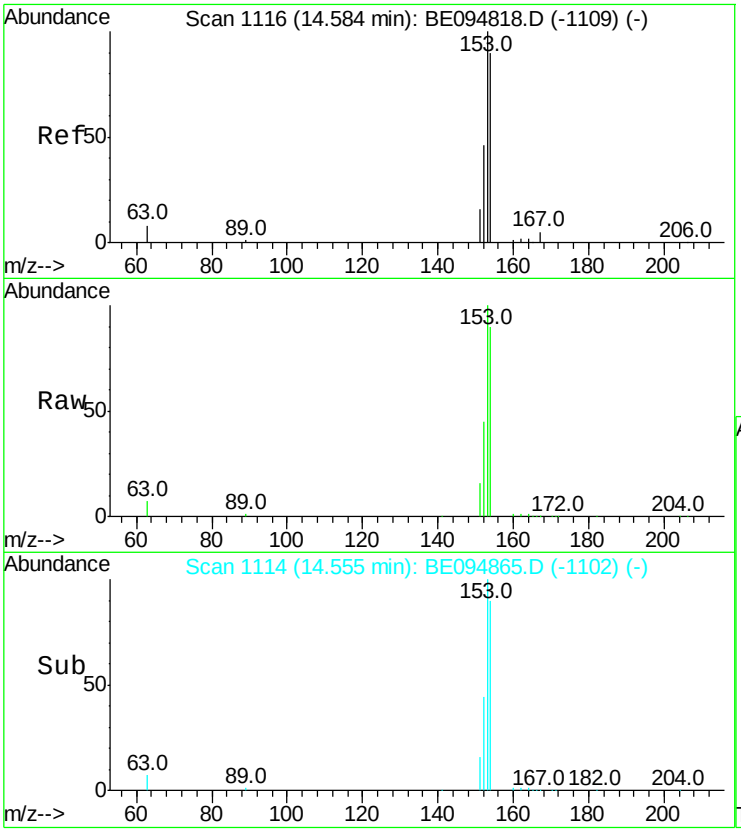


#16
Acenaphthylene
Concen: 0.164 ng
RT: 14.23 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BE094865.D
Acq: 27 Nov 2017 10:41

Tgt Ion:152 Resp: 2358

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.7	23.5
153	17.7	10.5	15.7#



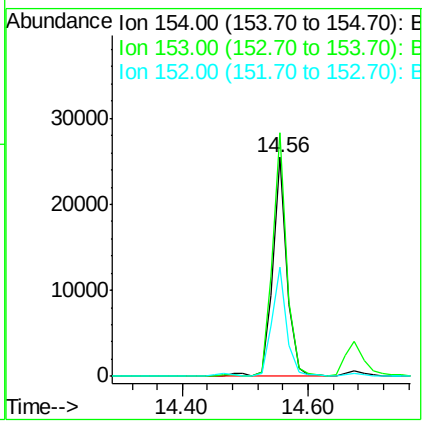


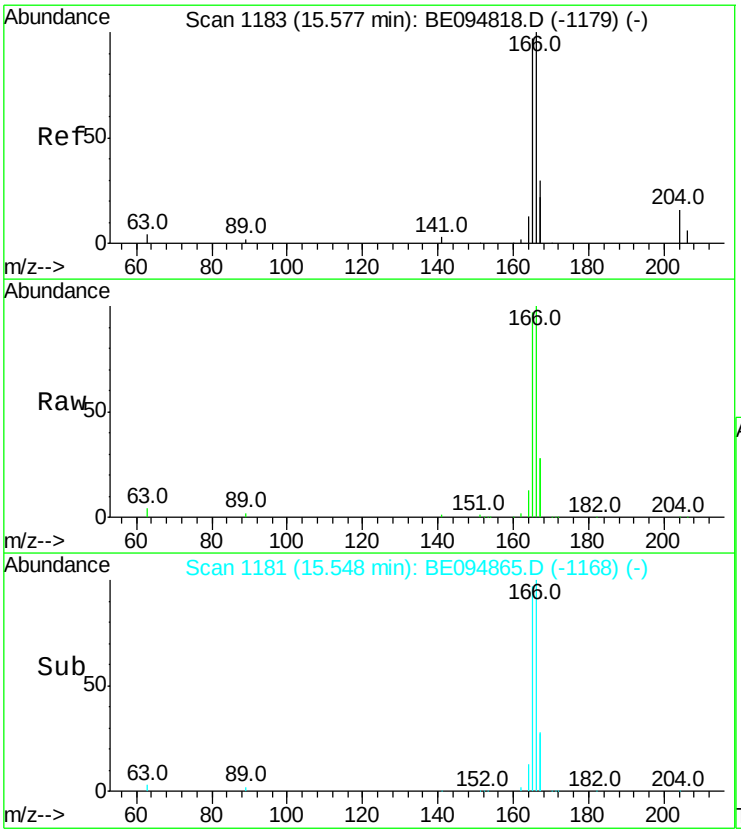
#17
Acenaphthene
Concen: 4.372 ng
RT: 14.56 min Scan# 1114
Delta R.T. -0.03 min
Lab File: BE094865.D
Acq: 27 Nov 2017 10:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 40396

Ion	Ratio	Lower	Upper
154	100		
153	110.3	89.2	133.8
152	50.6	42.0	63.0

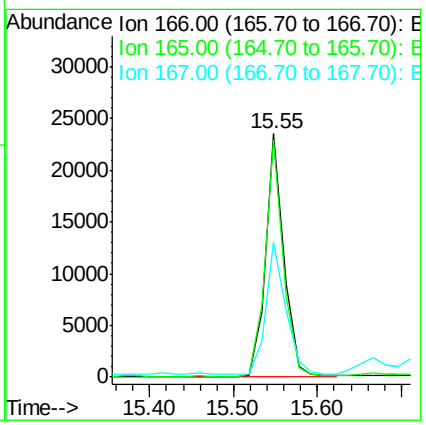


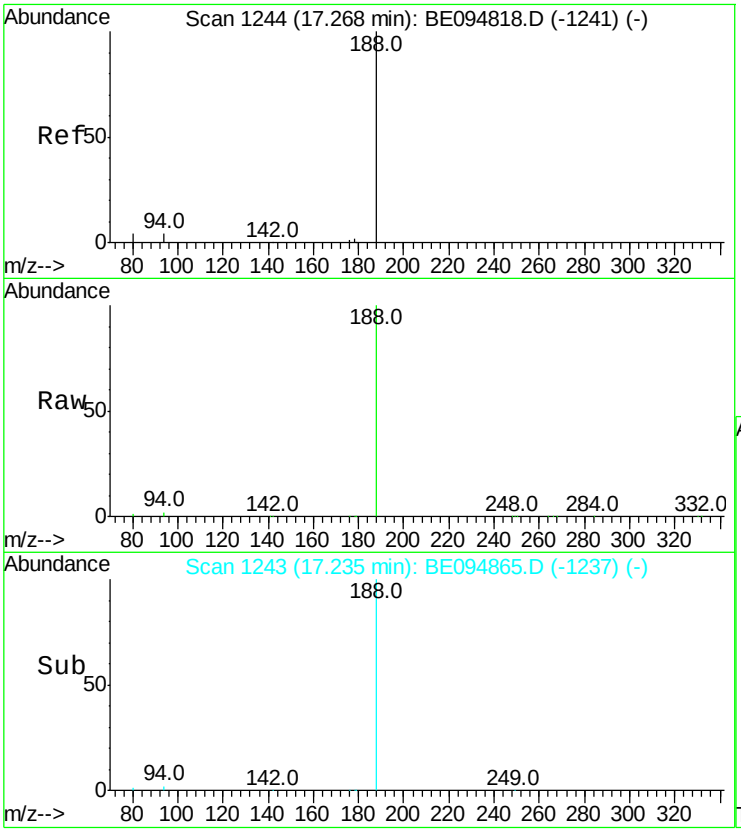


#18
Fluorene
Concen: 3.024 ng
RT: 15.55 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BE094865.D
Acq: 27 Nov 2017 10:41

Tgt Ion:166 Resp: 35810

Ion	Ratio	Lower	Upper
166	100		
165	96.3	77.8	116.6
167	58.9	42.4	63.6



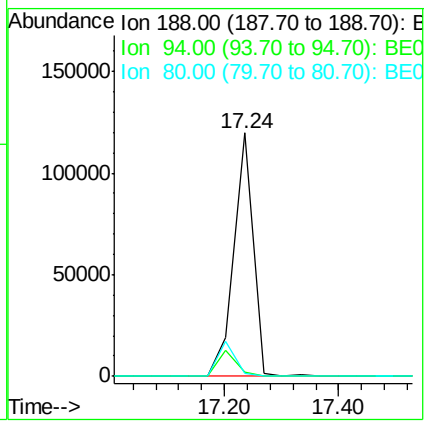


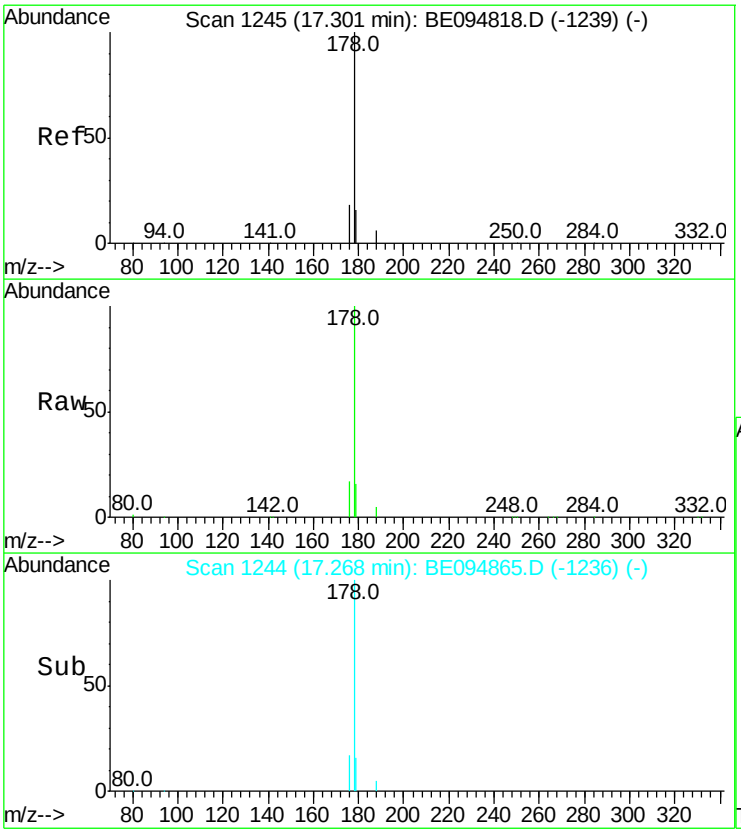
#19
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE094865.D
Acq: 27 Nov 2017 10:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 276915

Ion	Ratio	Lower	Upper
188	100		
94	1.7	3.9	5.9#
80	1.3	3.6	5.4#

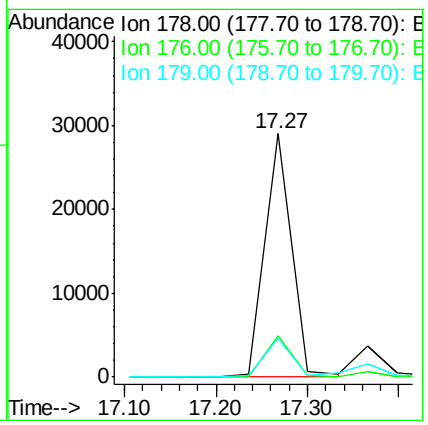


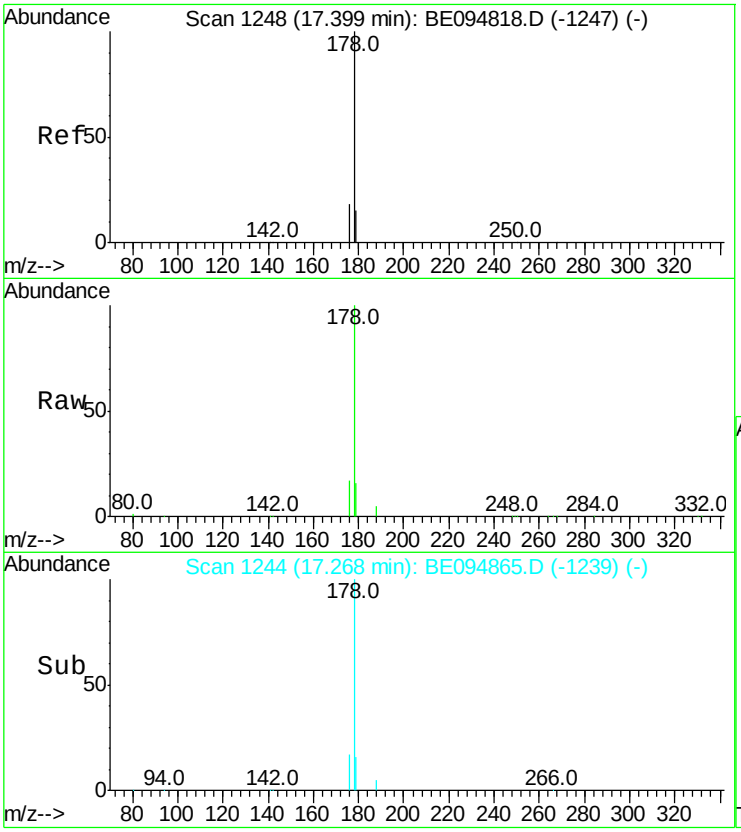


#23
Phenanthrene
Concen: 1.191 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.03 min
Lab File: BE094865.D
Acq: 27 Nov 2017 10:41

Tgt Ion:178 Resp: 58836

Ion	Ratio	Lower	Upper
178	100		
176	17.0	15.1	22.7
179	17.7	11.8	17.6#



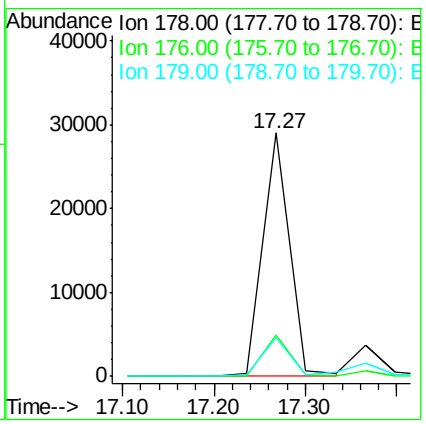


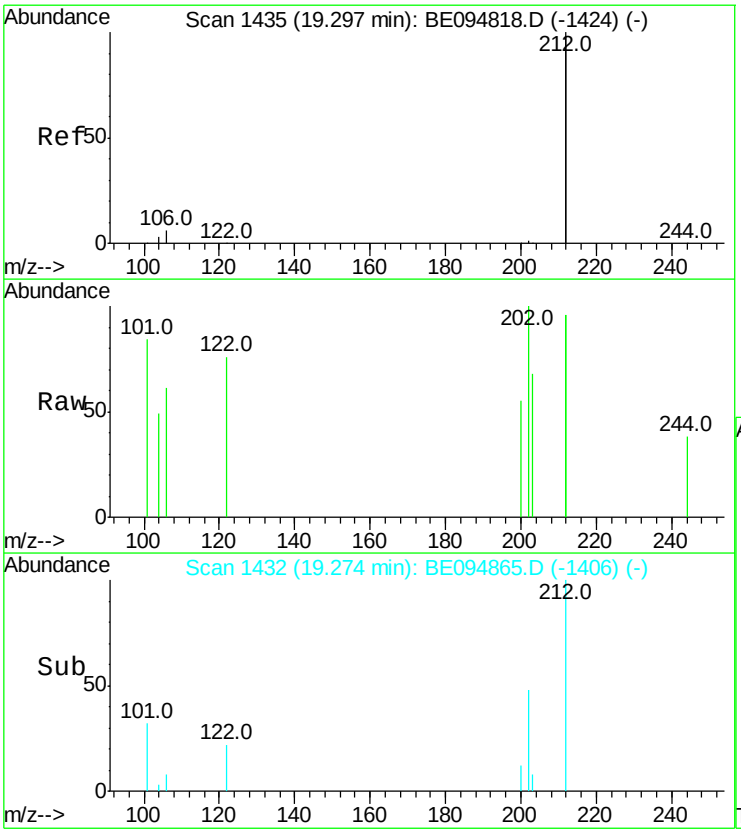
#24
Anthracene
Concen: 3.615 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.13 min
Lab File: BE094865.D
Acq: 27 Nov 2017 10:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 58836

Ion	Ratio	Lower	Upper
178	100		
176	16.9	12.8	19.2
179	17.7	13.0	19.6

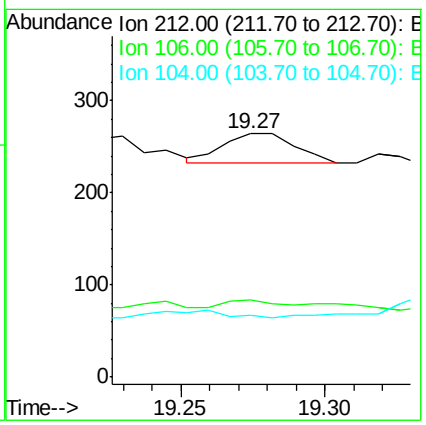


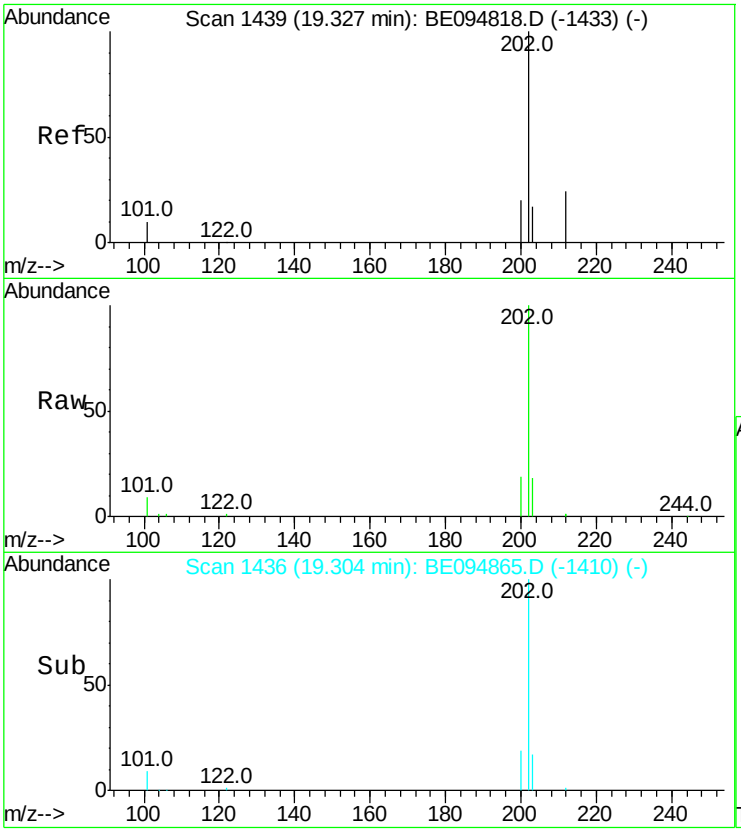


#25
Fluoranthene-d10
Concen: -50.000 ng
RT: 19.27 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BE094865.D
Acq: 27 Nov 2017 10:41

Tgt Ion:212 Resp: 56

Ion	Ratio	Lower	Upper
212	100		
106	19.6	2.8	4.2#
104	0.0	1.6	2.4#



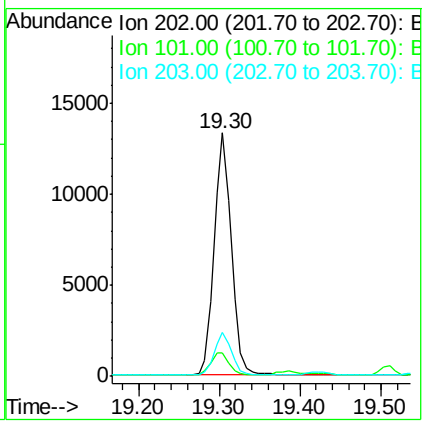


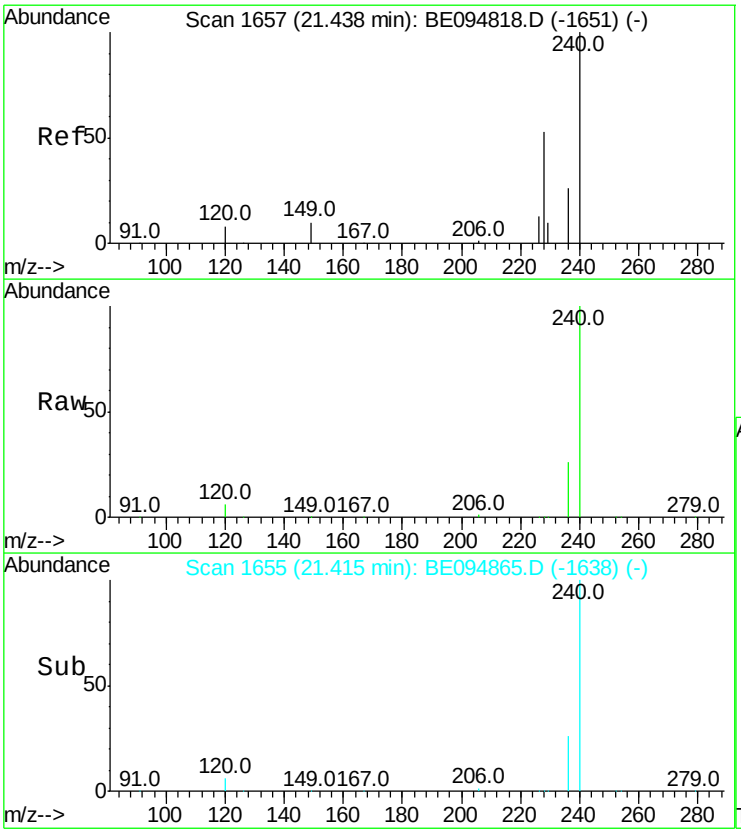
#26
Fluoranthene
Concen: Below Cal
RT: 19.30 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BE094865.D
Acq: 27 Nov 2017 10:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 19720

Ion	Ratio	Lower	Upper
202	100		
101	9.7	9.8	14.8#
203	17.4	13.7	20.5

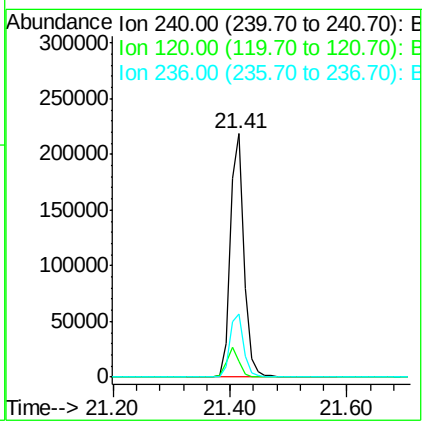


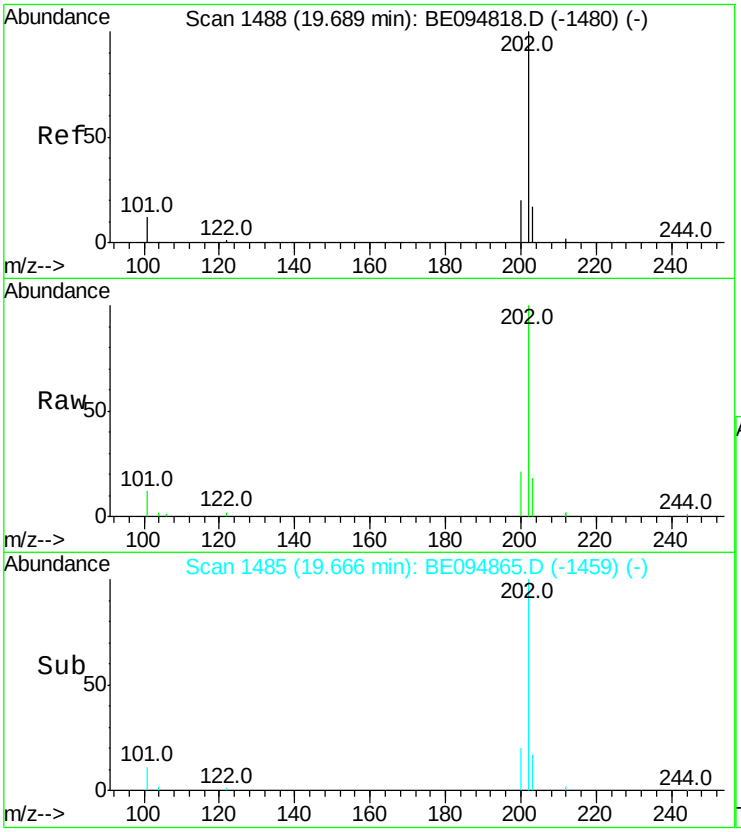


#27
Chrysene-d12
Concen: 20.000 ng
RT: 21.41 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BE094865.D
Acq: 27 Nov 2017 10:41

Tgt Ion:240 Resp: 356406

Ion	Ratio	Lower	Upper
240	100		
120	6.4	5.5	8.3
236	25.9	20.7	31.1



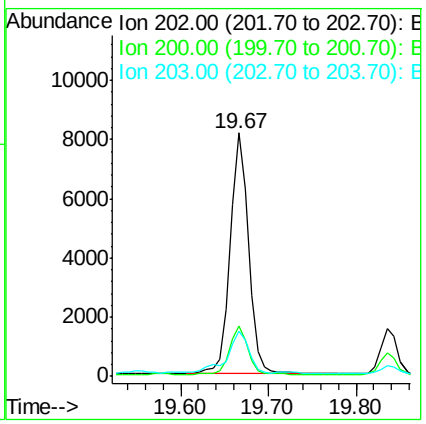


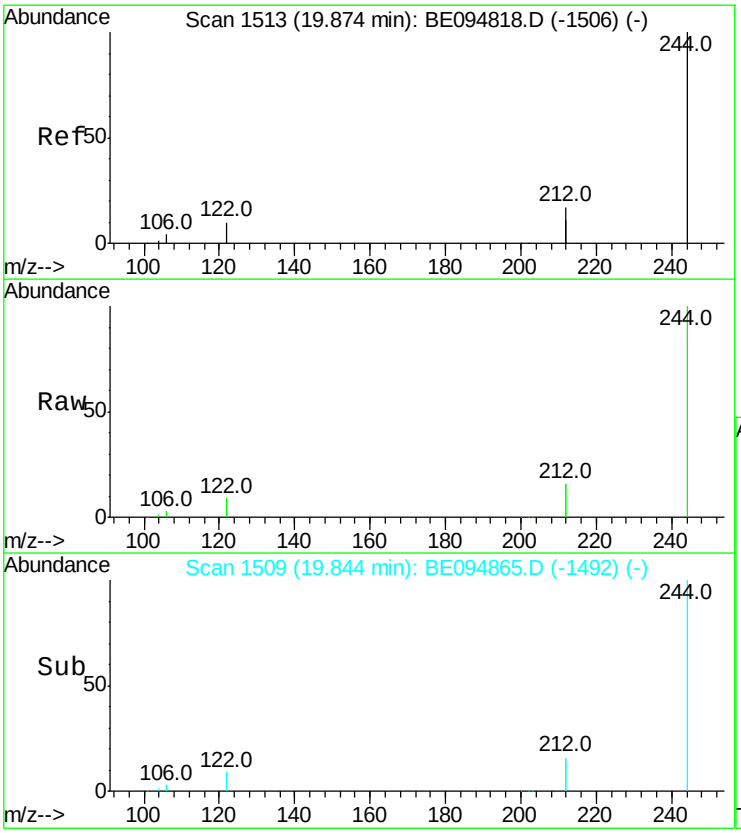
#28
Pyrene
Concen: 0.483 ng
RT: 19.67 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BE094865.D
Acq: 27 Nov 2017 10:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 12036

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.6	25.0
203	20.3	13.8	20.8

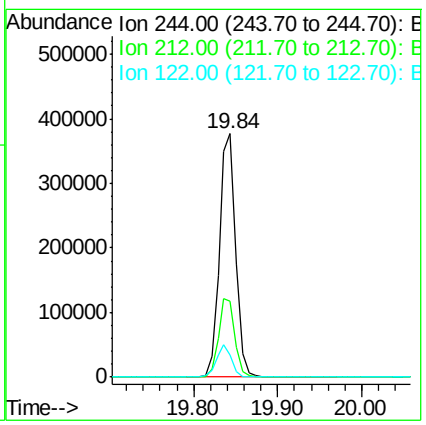


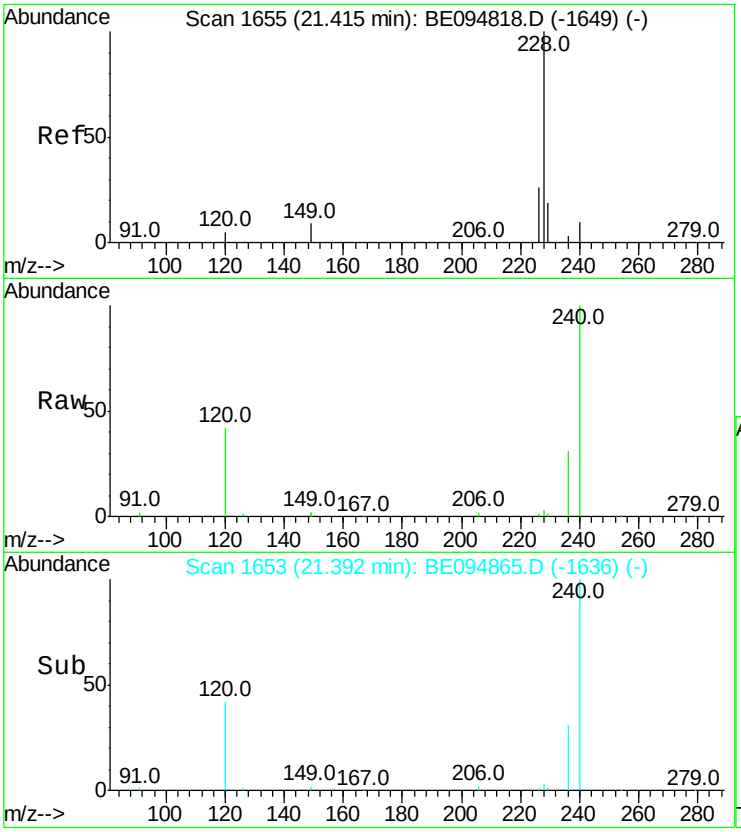


#29
Terphenyl-d14
Concen: 37.739 ng
RT: 19.84 min Scan# 1509
Delta R.T. -0.02 min
Lab File: BE094865.D
Acq: 27 Nov 2017 10:41

Tgt Ion:244 Resp: 507235

Ion	Ratio	Lower	Upper
244	100		
212	31.0	25.4	38.0
122	9.1	8.1	12.1



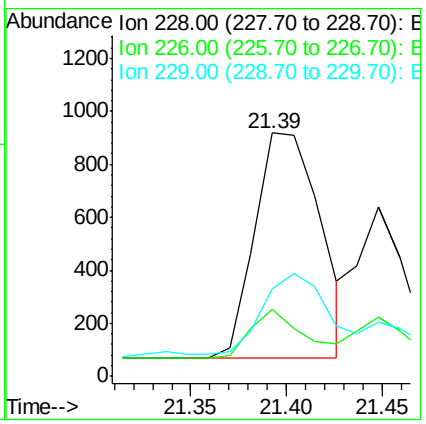


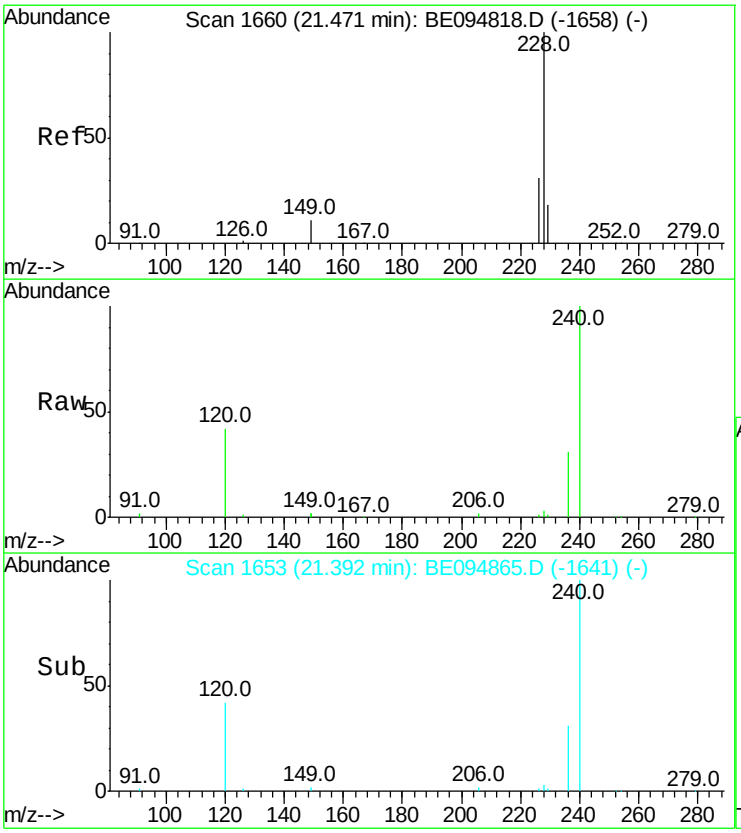
#30
Benzo(a)anthracene
Concen: 0.087 ng
RT: 21.39 min Scan# 1653
Delta R.T. -0.01 min
Lab File: BE094865.D
Acq: 27 Nov 2017 10:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 2020

Ion	Ratio	Lower	Upper
228	100		
226	27.6	40.0	60.0#
229	35.7	40.0	60.0#

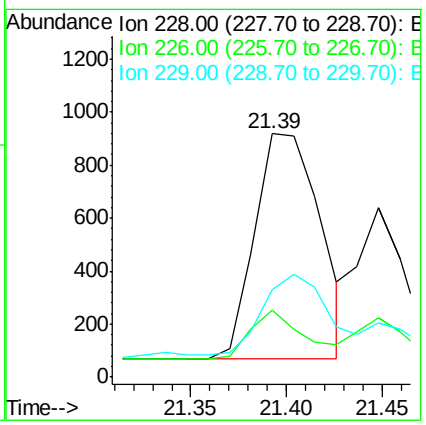


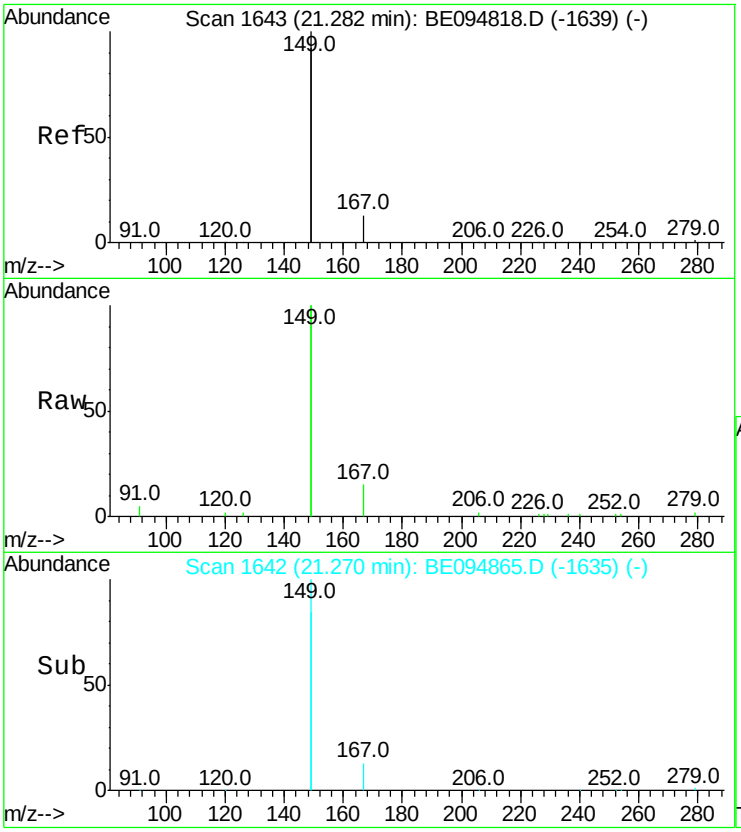


#31
Chrysene
Concen: 0.086 ng
RT: 21.39 min Scan# 1653
Delta R.T. -0.07 min
Lab File: BE094865.D
Acq: 27 Nov 2017 10:41

Tgt Ion:228 Resp: 2020

Ion	Ratio	Lower	Upper
228	100		
226	27.6	40.0	60.0#
229	35.7	40.0	60.0#



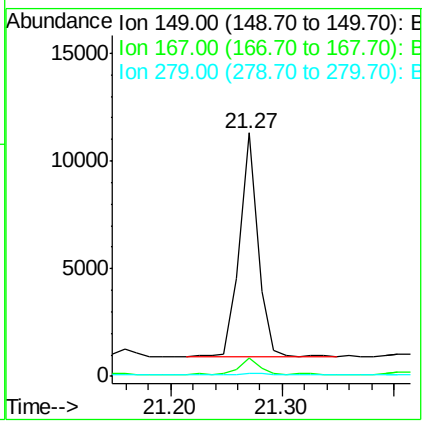


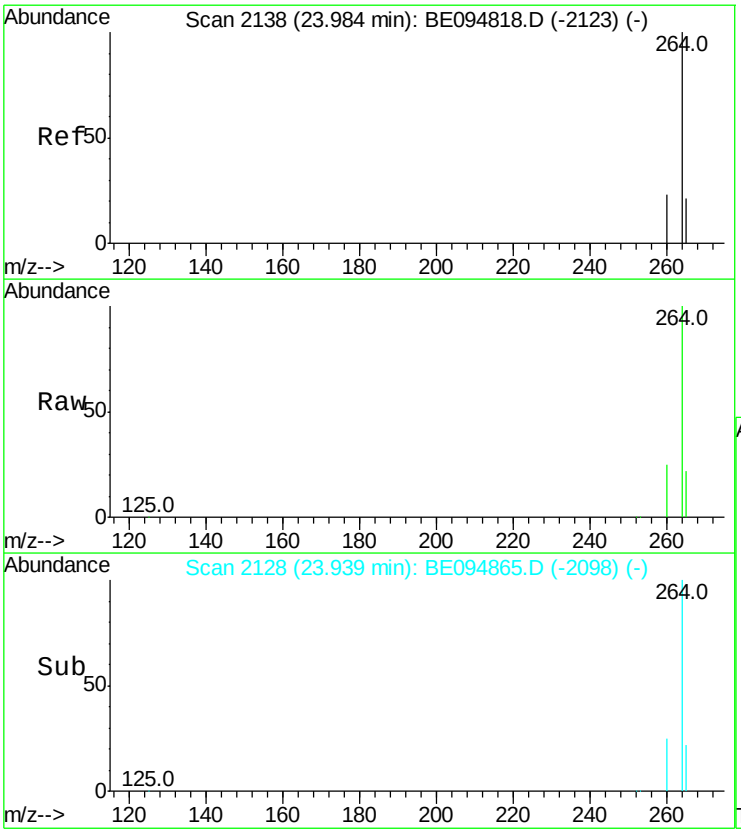
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.212 ng
RT: 21.27 min Scan# 1642
Delta R.T. -0.02 min
Lab File: BE094865.D
Acq: 27 Nov 2017 10:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 12049

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.4	8.0
279	1.1	0.7	1.1#





#34
Perylene-d12
Concen: 20.000 ng
RT: 23.94 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BE094865.D
Acq: 27 Nov 2017 10:41

Tgt Ion:264 Resp: 350240

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.5	30.7
265	21.9	22.8	34.2#