Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032817\
Data File : BE092839.D
Acq On : 28 Mar 2017 16:39
Operator : SJ/MA
Sample : I2194-05 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PT-BN-WP

Quant Time: Mar 28 17:15:05 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 28 14:58:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	8481	5.00	ng		0.00
7) Naphthalene-d8	10.55	136	38404	5.00	ng		0.00
12) Acenaphthene-d10	14.40	164	19719	5.00	ng		0.00
18) Phenanthrene-d10	17.16	188	41520	5.00	ng		0.00
24) Chrysene-d12	21.28	240	49222	5.00	ng		-0.02
31) Perylene-d12	23.71	264	44326	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.36	112	12321	6.24	ng		0.00
5) Phenol-d6	6.94	99	19255	6.64	ng		0.00
8) Nitrobenzene-d5	8.92	82	7873	3.57	ng		0.00
13) 2,4,6-Tribromophenol	15.88	330	1930	6.27	ng		0.00
14) 2-Fluorobiphenyl	13.03	172	26381	4.06	ng		0.00
26) Terphenyl-d14	19.76	244	33919	3.99	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.58	128	28368	3.37	ng	#	95
10) Hexachlorobutadiene	10.89	225	8673	7.69	ng		100
11) 2-Methylnaphthalene	12.21	142	17042	3.19	ng		96
15) Acenaphthylene	14.11	152	192089	6.35	ng		100
16) Acenaphthene	14.45	154	12579	2.33	ng		92
17) Fluorene	15.44	166	14521	2.26	ng		99
19) Hexachlorobenzene	16.47	284	6314	4.10	ng	#	66
23) Fluoranthene	19.18	202	416261	8.96	ng		100
25) Pyrene	19.54	202	458033	9.36	ng		100
28) Chrysene	21.32	228	25484	2.07	ng	#	84
29) Bis(2-ethylhexyl)phthalate	21.23	149	30776	6.14	ng	#	72
32) Benzo(b)fluoranthene	22.97	252	76761	6.51	ng		98
33) Benzo(k)fluoranthene	23.02	252	47505	4.50	ng		95
34) Benzo(a)pyrene	23.60	252	22565	2.31	ng		96
36) Benzo(g,h,i)perylene	27.04	276	374915	8.72	ng		98

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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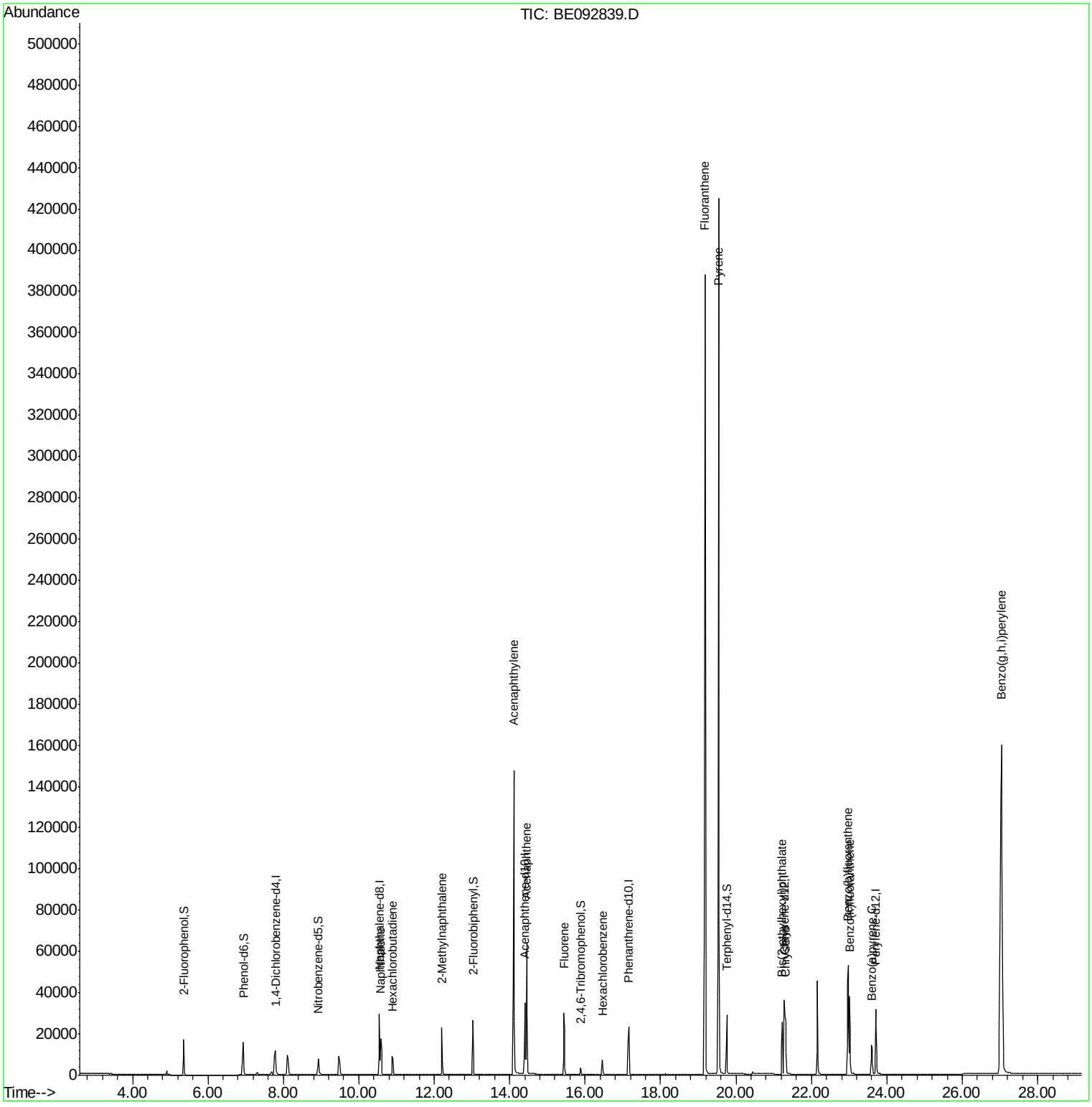
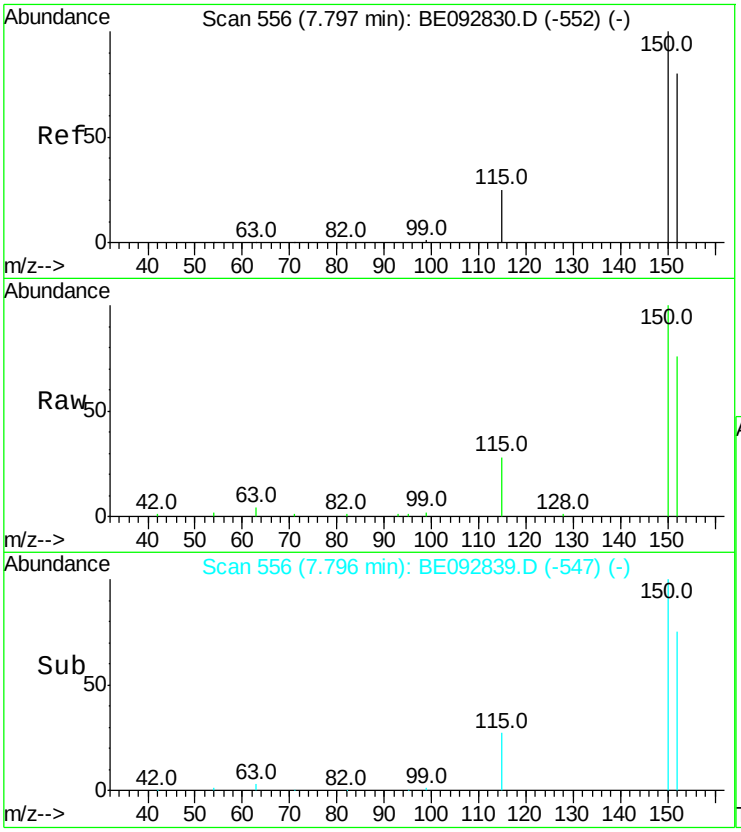


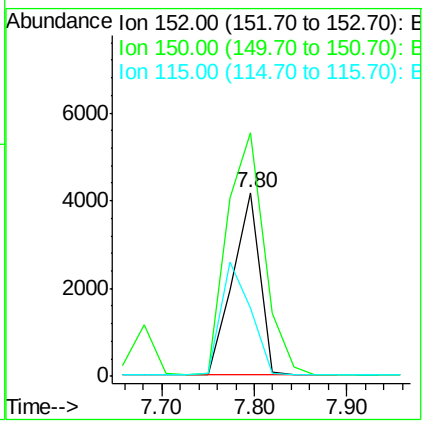


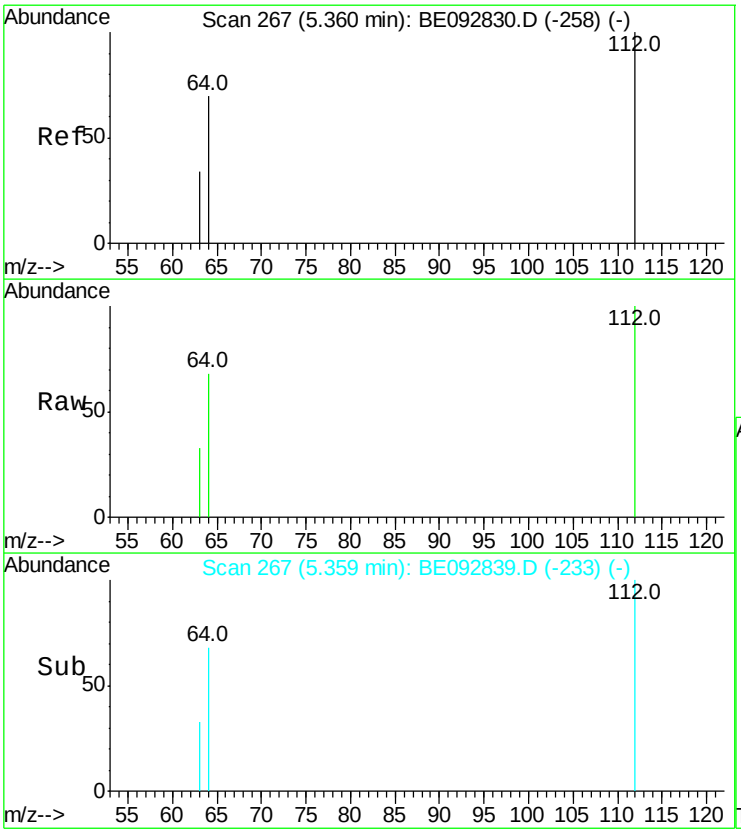
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.80 min Scan# 556
Delta R.T. -0.00 min
Lab File: BE092839.D
Acq: 28 Mar 2017 16:39

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Tgt Ion:152 Resp: 8481

Ion	Ratio	Lower	Upper
152	100		
150	132.3	106.0	159.0
115	36.8	31.2	46.8

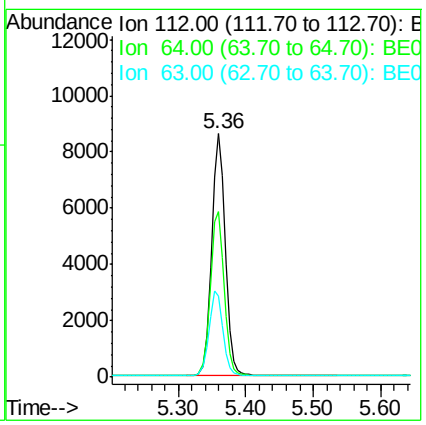


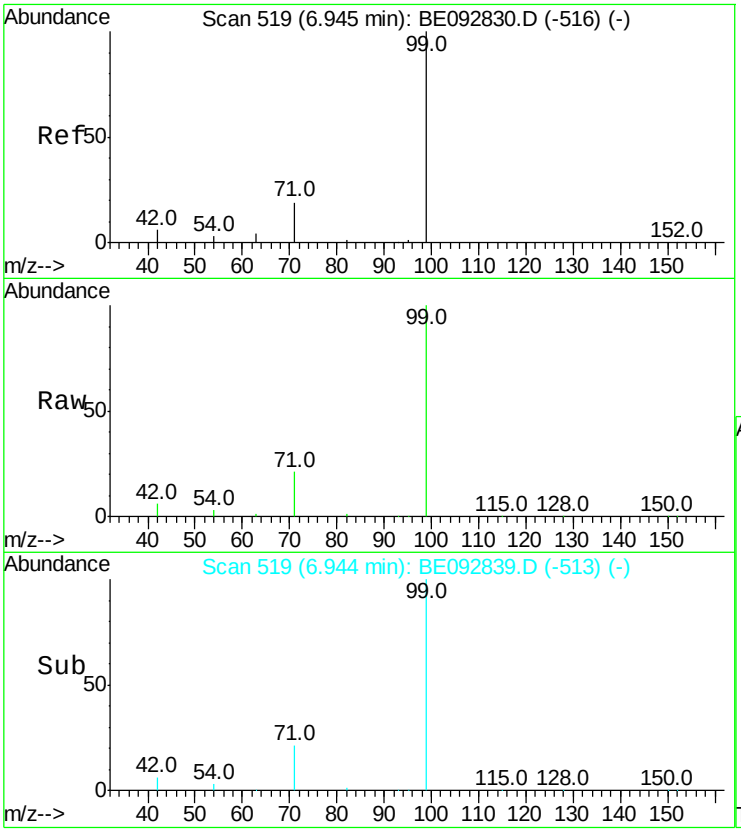


#4
2-Fluorophenol
Concen: 6.24 ng
RT: 5.36 min Scan# 267
Delta R.T. -0.00 min
Lab File: BE092839.D
Acq: 28 Mar 2017 16:39

Tgt Ion:112 Resp: 12321

Ion	Ratio	Lower	Upper
112	100		
64	69.1	53.5	80.3
63	35.5	27.9	41.9



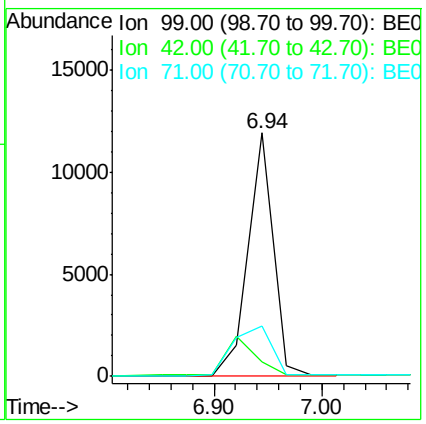


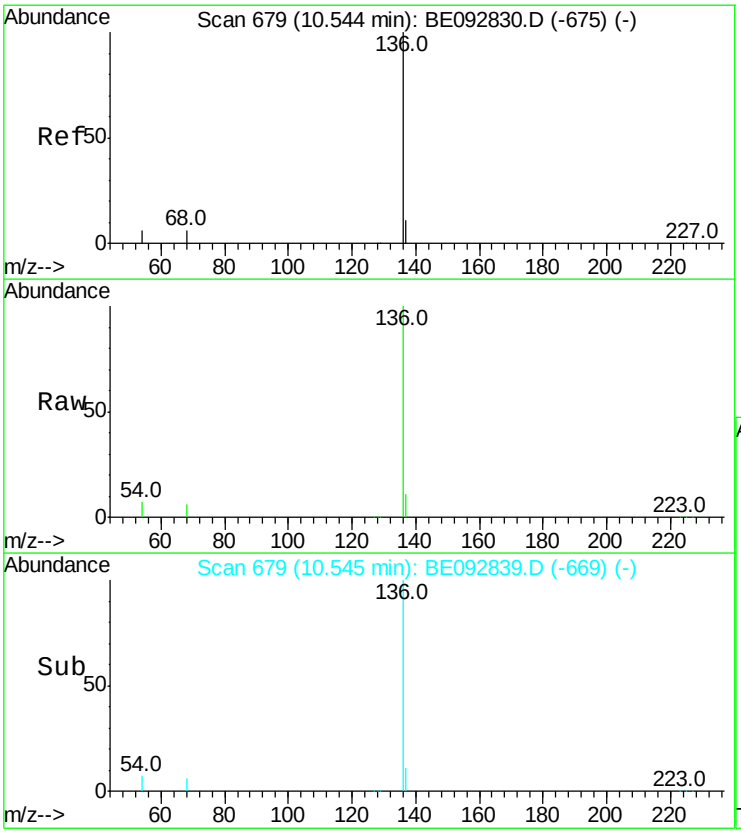
#5
Phenol-d6
Concen: 6.64 ng
RT: 6.94 min Scan# 519
Delta R.T. -0.00 min
Lab File: BE092839.D
Acq: 28 Mar 2017 16:39

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Tgt Ion: 99 Resp: 19255

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.0	24.0#
71	31.4	30.6	45.8

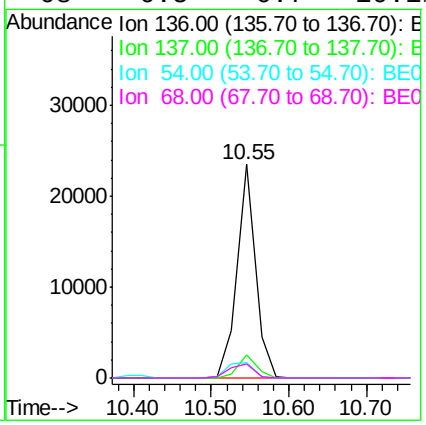


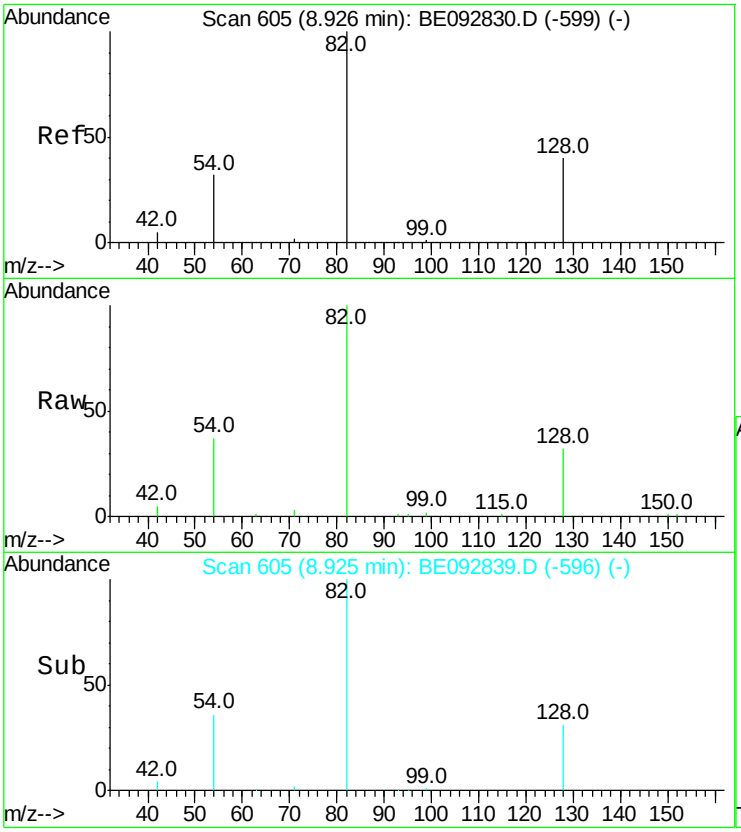


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.55 min Scan# 679
Delta R.T. 0.00 min
Lab File: BE092839.D
Acq: 28 Mar 2017 16:39

Tgt Ion:136 Resp: 38404

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.2	12.4
54	7.0	9.6	14.4#
68	6.5	6.7	10.1#



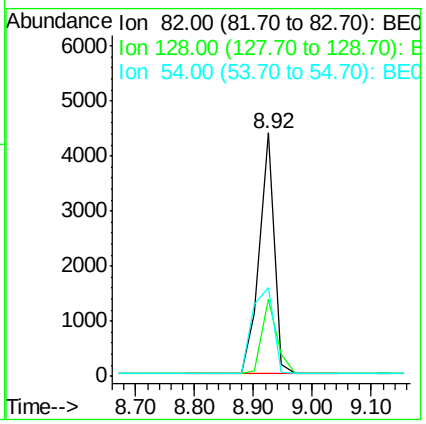


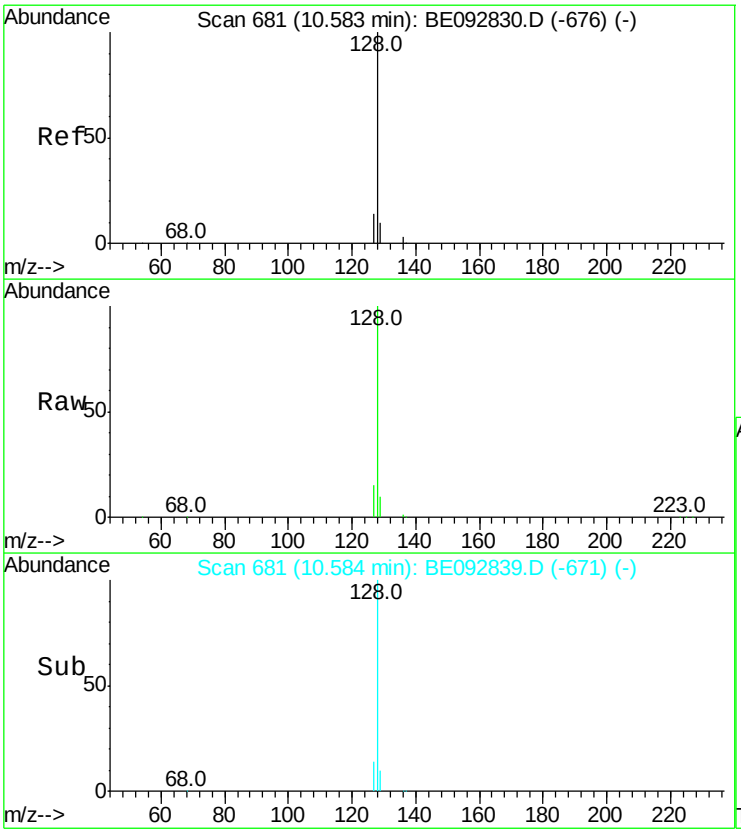
#8
Nitrobenzene-d5
Concen: 3.57 ng
RT: 8.92 min Scan# 605
Delta R.T. -0.00 min
Lab File: BE092839.D
Acq: 28 Mar 2017 16:39

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Tgt Ion: 82 Resp: 7873

Ion	Ratio	Lower	Upper
82	100		
128	31.6	39.0	58.4#
54	36.6	44.8	67.2#

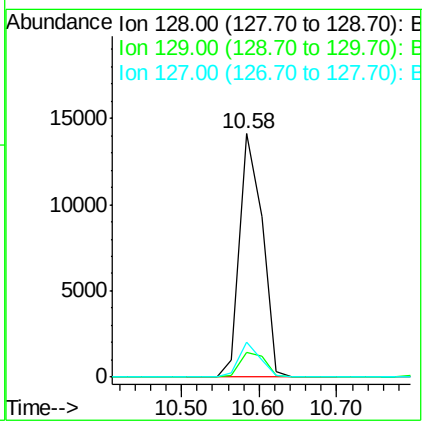


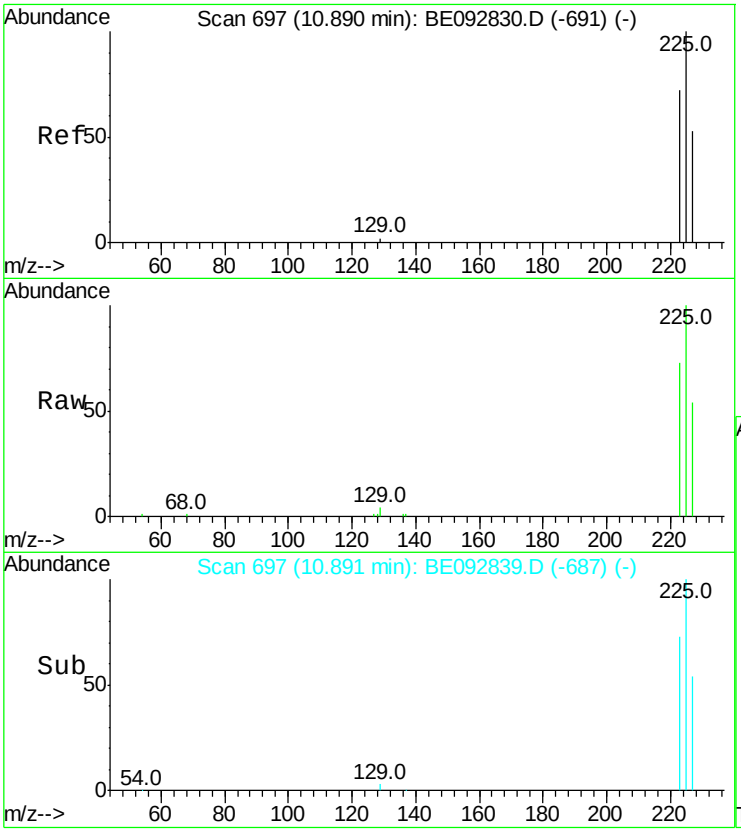


#9
Naphthalene
Concen: 3.37 ng
RT: 10.58 min Scan# 681
Delta R.T. 0.00 min
Lab File: BE092839.D
Acq: 28 Mar 2017 16:39

Tgt Ion:128 Resp: 28368

Ion	Ratio	Lower	Upper
128	100		
129	10.3	11.2	16.8#
127	14.6	11.6	17.4



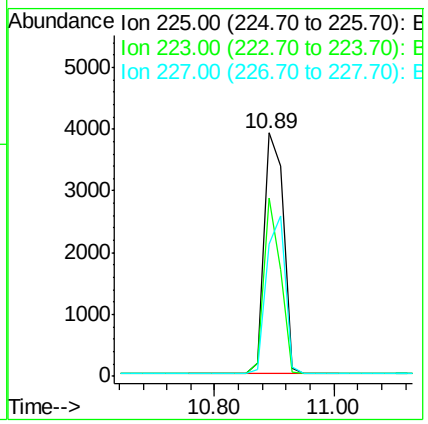


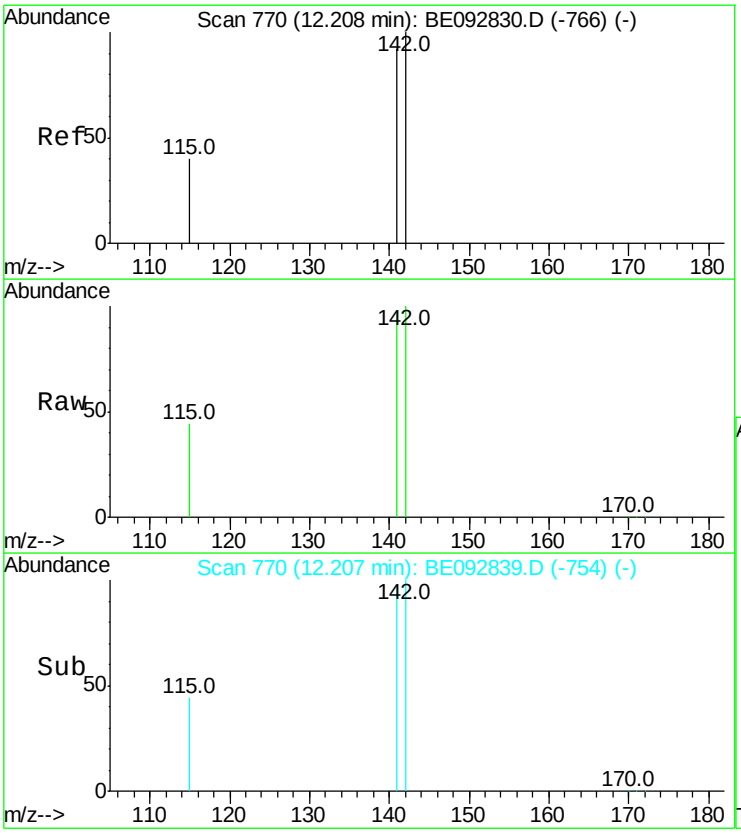
#10
Hexachlorobutadiene
Concen: 7.69 ng
RT: 10.89 min Scan# 697
Delta R.T. 0.00 min
Lab File: BE092839.D
Acq: 28 Mar 2017 16:39

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Tgt Ion:225 Resp: 8673

Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.6	76.0
227	64.1	51.4	77.0

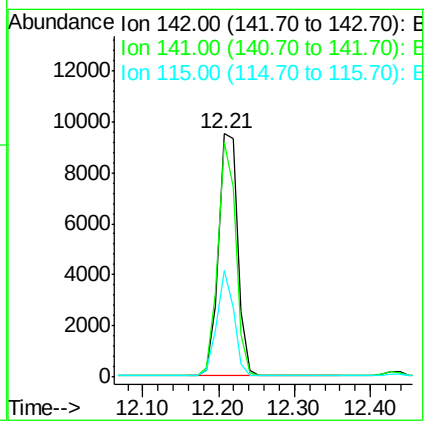


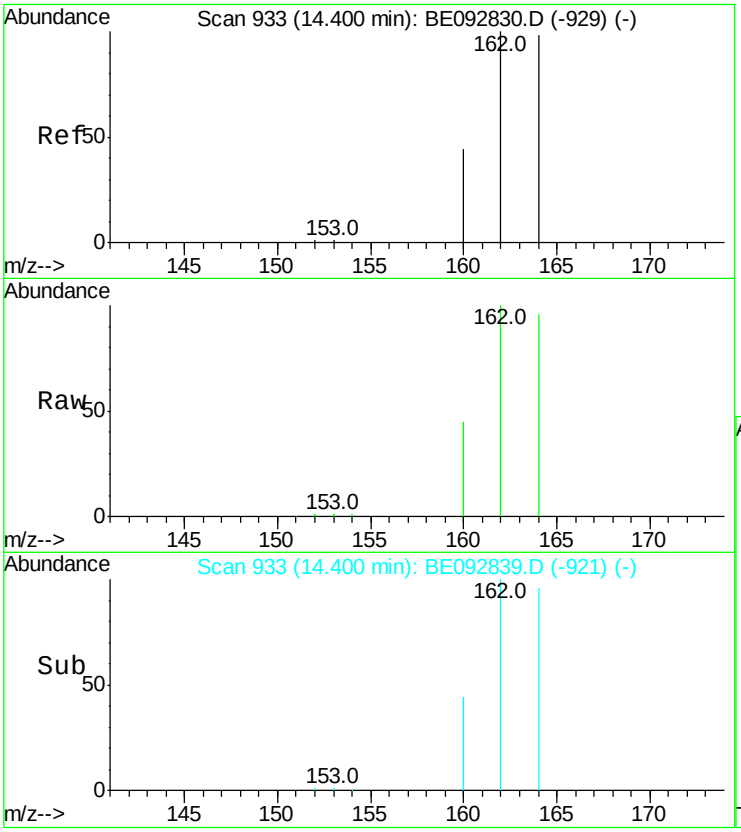


#11
2-Methylnaphthalene
Concen: 3.19 ng
RT: 12.21 min Scan# 770
Delta R.T. -0.00 min
Lab File: BE092839.D
Acq: 28 Mar 2017 16:39

Tgt Ion:142 Resp: 17042

Ion	Ratio	Lower	Upper
142	100		
141	96.5	73.7	110.5
115	43.7	34.0	51.0



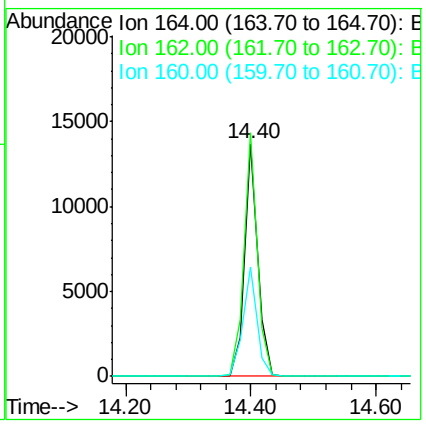


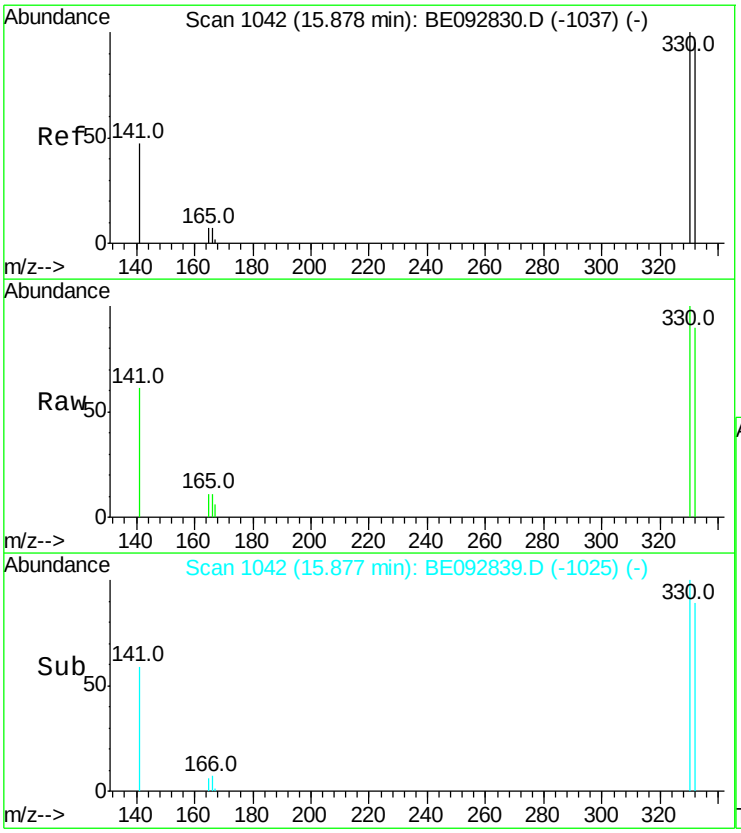
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.40 min Scan# 933
Delta R.T. -0.00 min
Lab File: BE092839.D
Acq: 28 Mar 2017 16:39

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Tgt Ion:164 Resp: 19719

Ion	Ratio	Lower	Upper
164	100		
162	104.6	71.4	107.0
160	46.7	27.4	41.2#

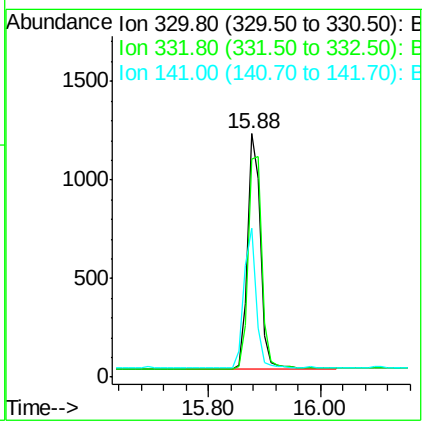


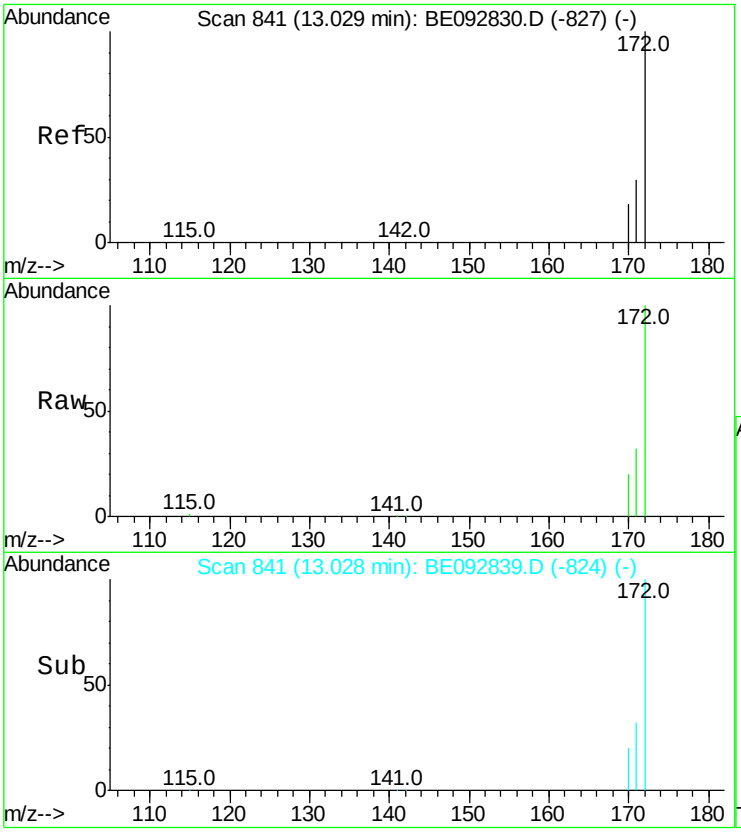


#13
2,4,6-Tribromophenol
Concen: 6.27 ng
RT: 15.88 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BE092839.D
Acq: 28 Mar 2017 16:39

Tgt Ion:330 Resp: 1930

Ion	Ratio	Lower	Upper
330	100		
332	97.5	75.4	113.0
141	57.1	31.0	46.6#



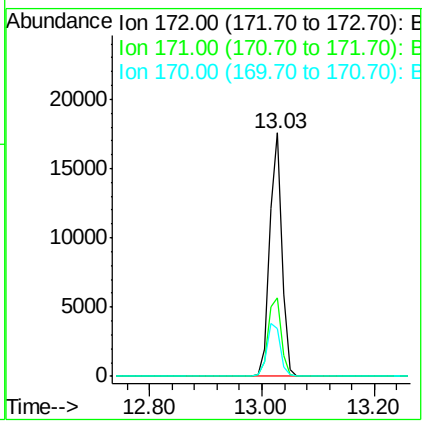


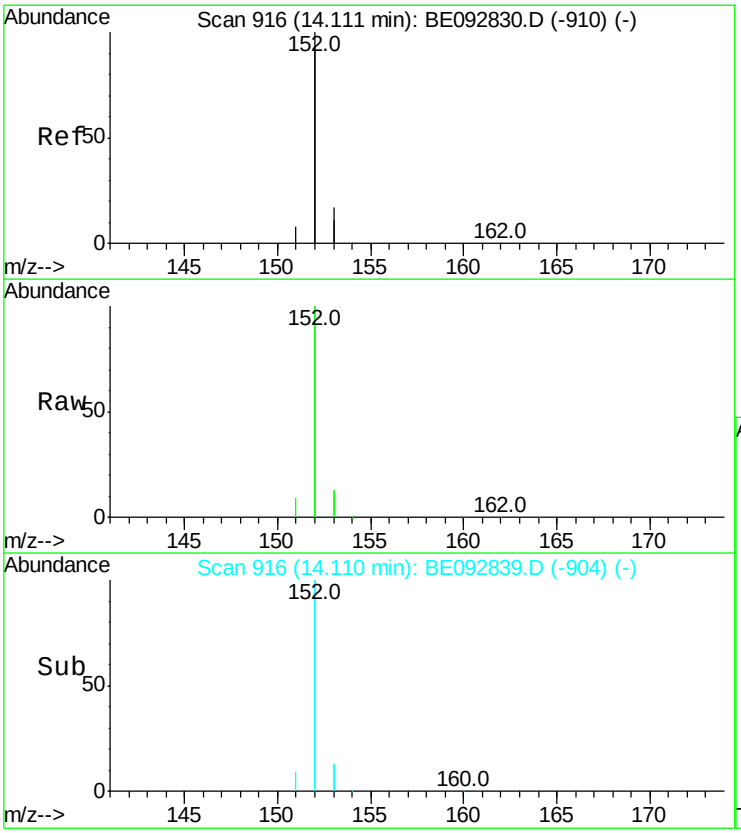
#14
2-Fluorobiphenyl
Concen: 4.06 ng
RT: 13.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BE092839.D
Acq: 28 Mar 2017 16:39

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Tgt Ion:172 Resp: 26381

Ion	Ratio	Lower	Upper
172	100		
171	32.4	30.1	45.1
170	19.8	21.8	32.6#

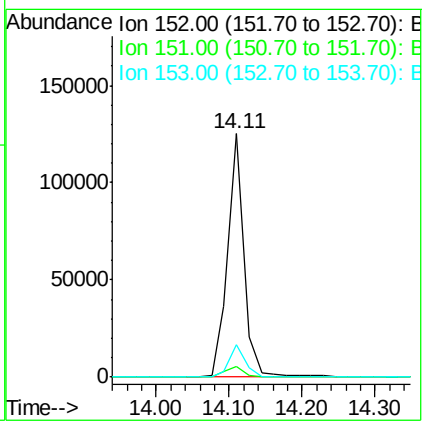


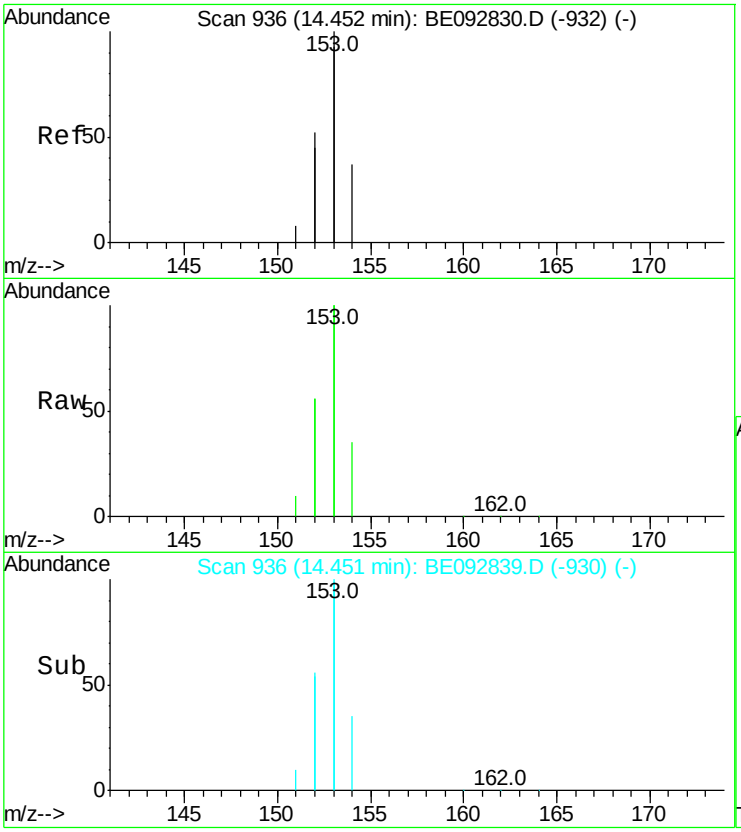


#15
Acenaphthylene
Concen: 6.35 ng
RT: 14.11 min Scan# 916
Delta R.T. -0.00 min
Lab File: BE092839.D
Acq: 28 Mar 2017 16:39

Tgt Ion:152 Resp: 192089

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.2	10.4	15.6



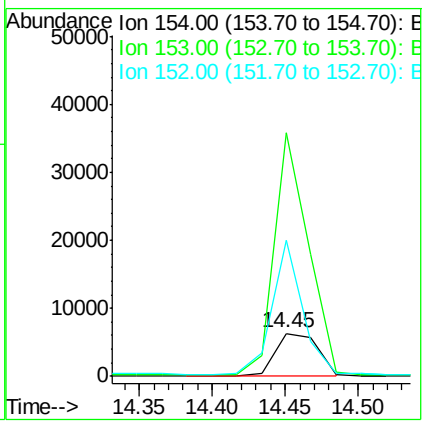


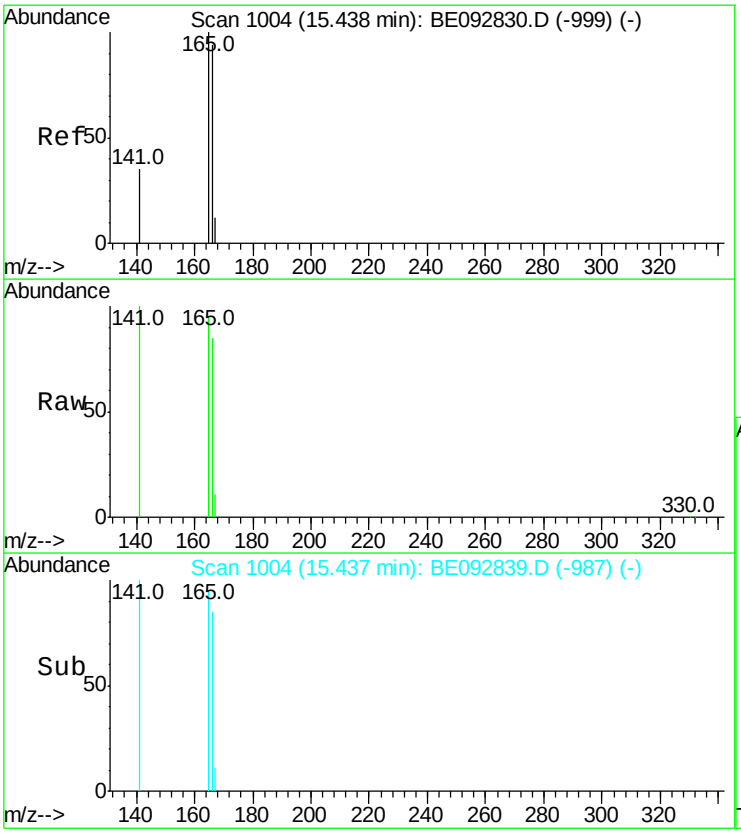
#16
Acenaphthene
Concen: 2.33 ng
RT: 14.45 min Scan# 936
Delta R.T. -0.00 min
Lab File: BE092839.D
Acq: 28 Mar 2017 16:39

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Tgt Ion:154 Resp: 12579

Ion	Ratio	Lower	Upper
154	100		
153	459.8	350.8	526.2
152	225.1	171.1	256.7

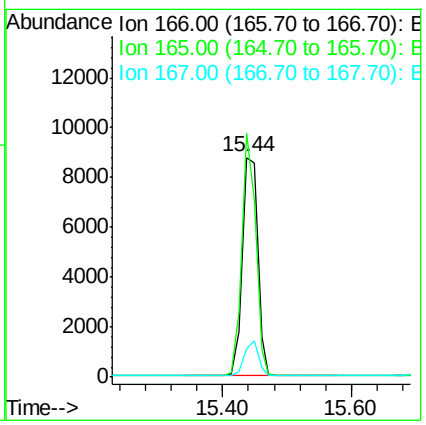


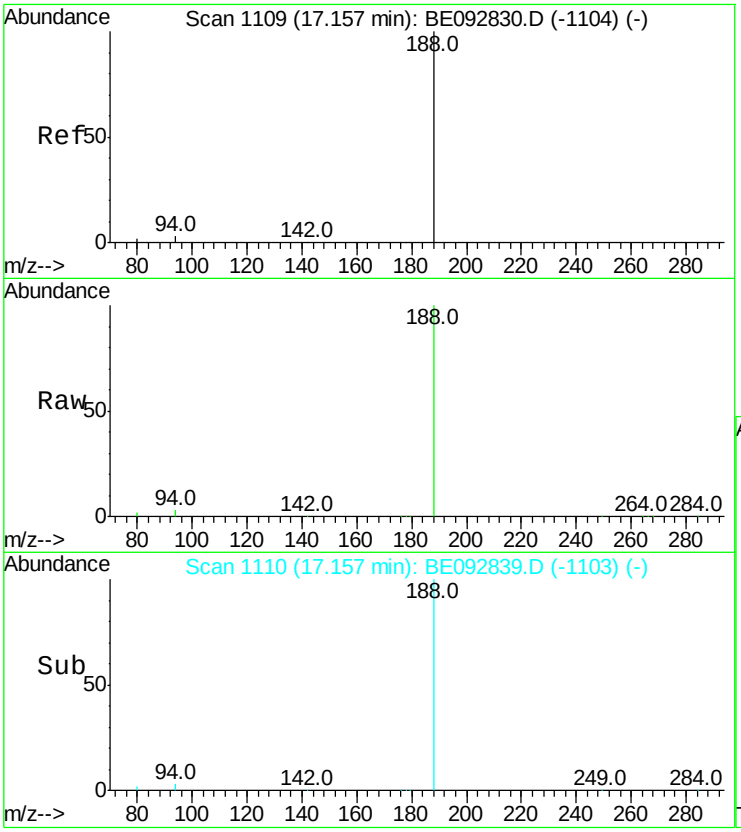


#17
Fluorene
Concen: 2.26 ng
RT: 15.44 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE092839.D
Acq: 28 Mar 2017 16:39

Tgt Ion:166 Resp: 14521

Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.2	117.4
167	14.5	11.0	16.4



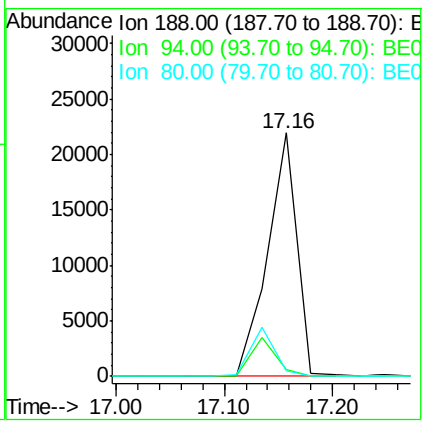


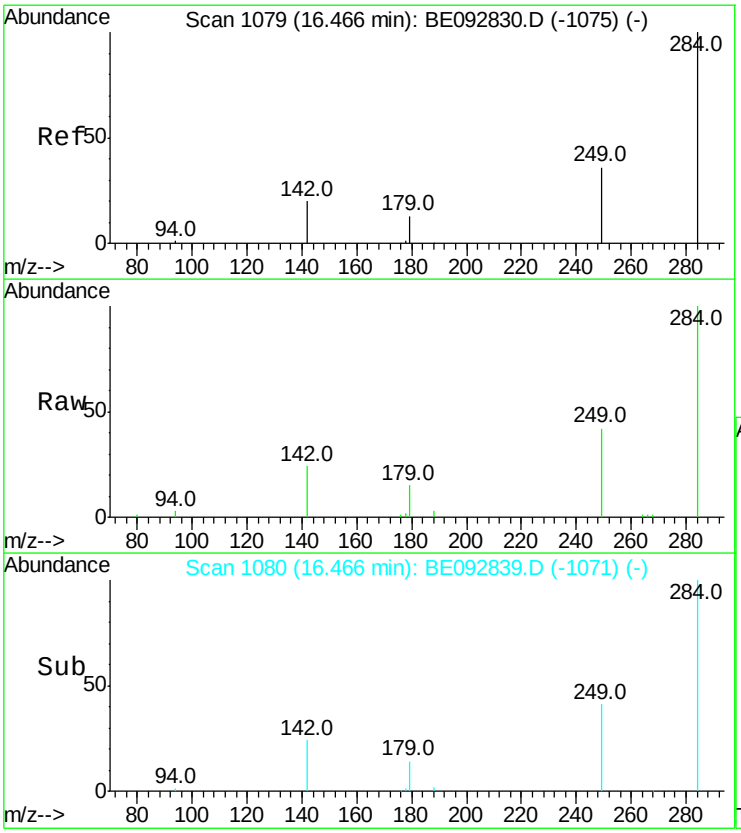
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.16 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BE092839.D
Acq: 28 Mar 2017 16:39

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Tgt Ion:188 Resp: 41520

Ion	Ratio	Lower	Upper
188	100		
94	3.0	3.2	4.8#
80	2.3	2.6	3.8#

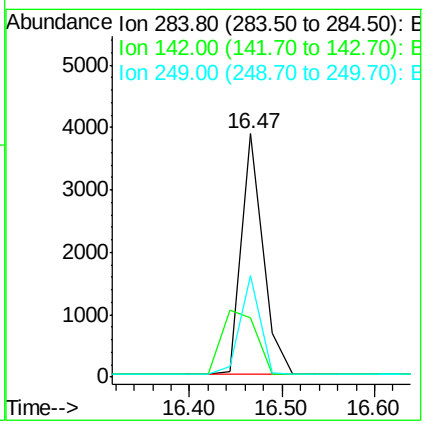


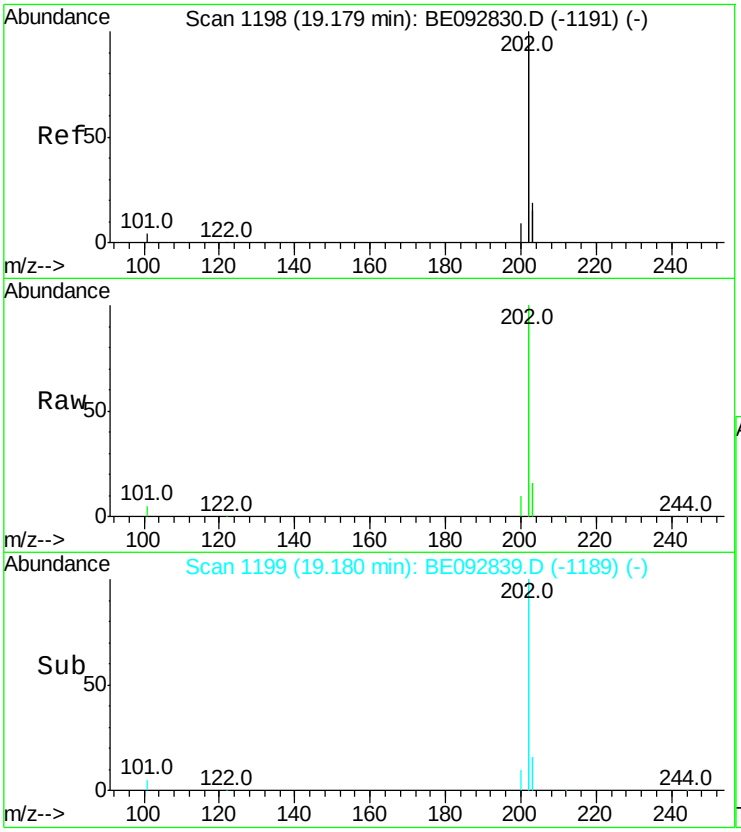


#19
Hexachlorobenzene
Concen: 4.10 ng
RT: 16.47 min Scan# 1080
Delta R.T. 0.00 min
Lab File: BE092839.D
Acq: 28 Mar 2017 16:39

Tgt Ion:284 Resp: 6314

Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	38.0	27.9	41.9



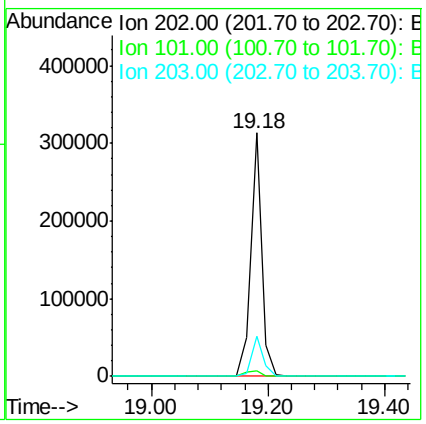


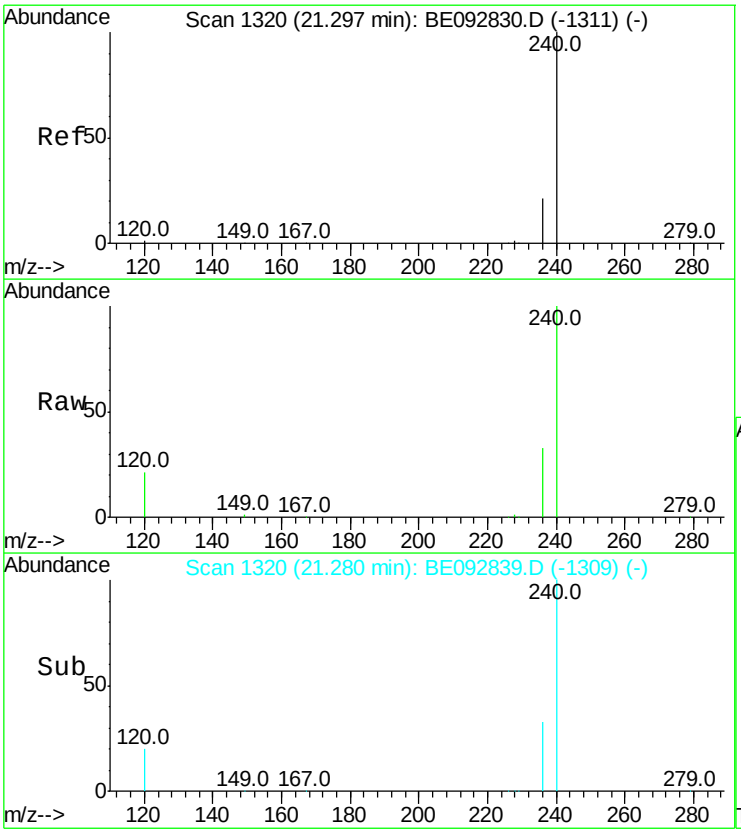
#23
Fluoranthene
Concen: 8.96 ng
RT: 19.18 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BE092839.D
Acq: 28 Mar 2017 16:39

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Tgt Ion:202 Resp: 416261

Ion	Ratio	Lower	Upper
202	100		
101	3.2	2.2	3.4
203	17.2	13.7	20.5

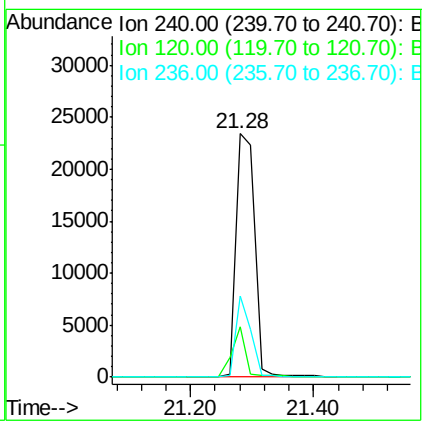


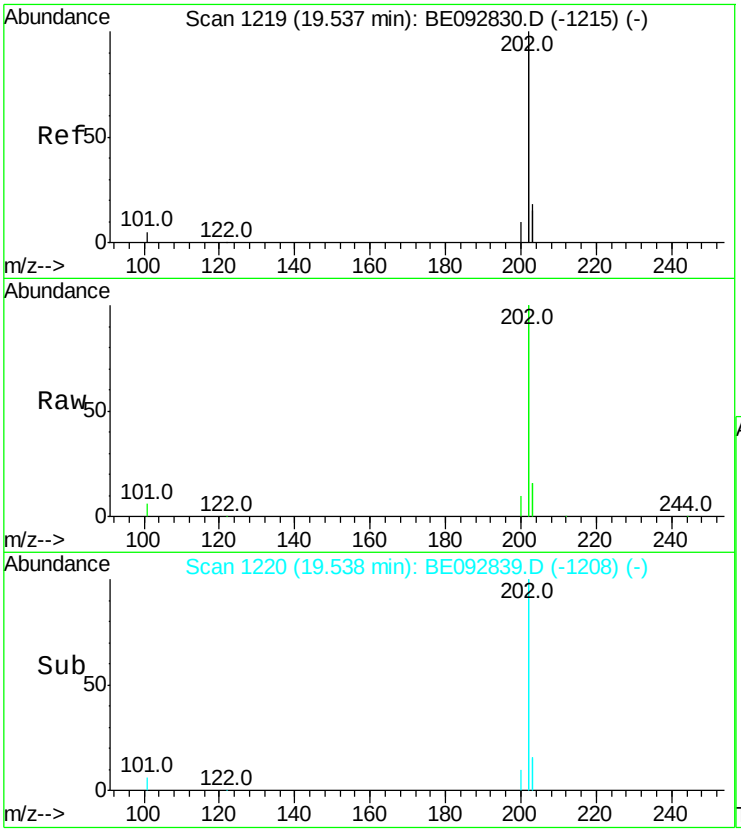


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.28 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BE092839.D
Acq: 28 Mar 2017 16:39

Tgt Ion:240 Resp: 49222

Ion	Ratio	Lower	Upper
240	100		
120	20.6	2.6	4.0#
236	33.4	24.6	37.0



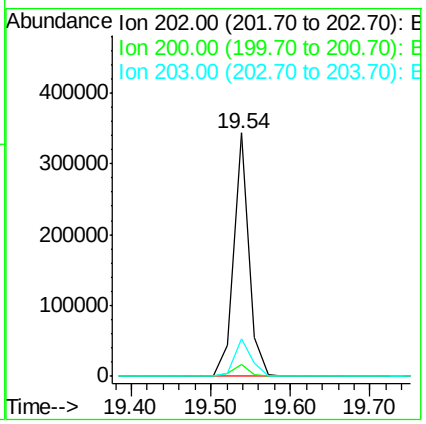


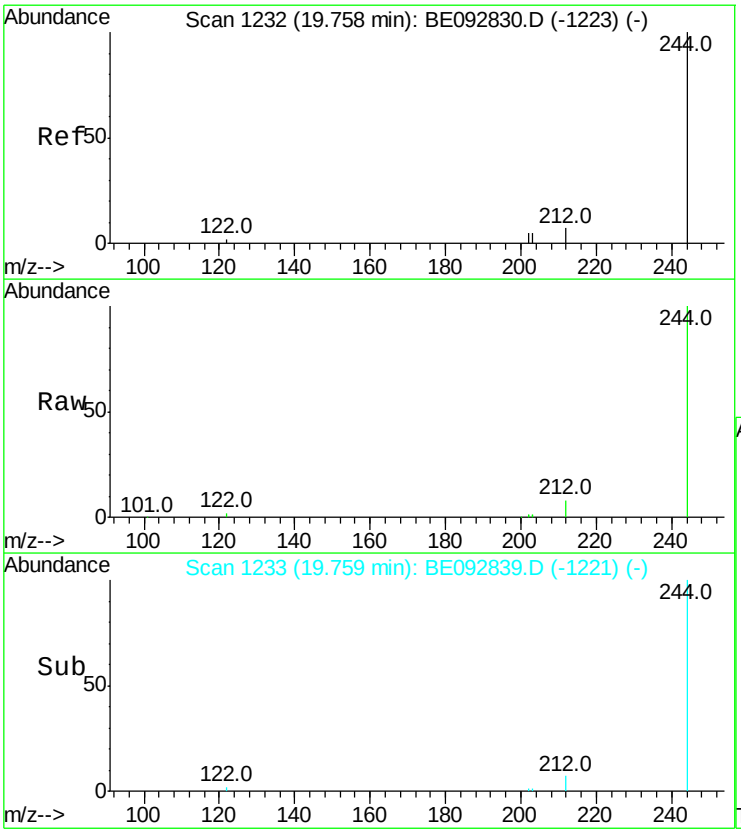
#25
Pyrene
Concen: 9.36 ng
RT: 19.54 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BE092839.D
Acq: 28 Mar 2017 16:39

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Tgt Ion:202 Resp: 458033

Ion	Ratio	Lower	Upper
202	100		
200	5.1	4.2	6.4
203	17.6	13.9	20.9

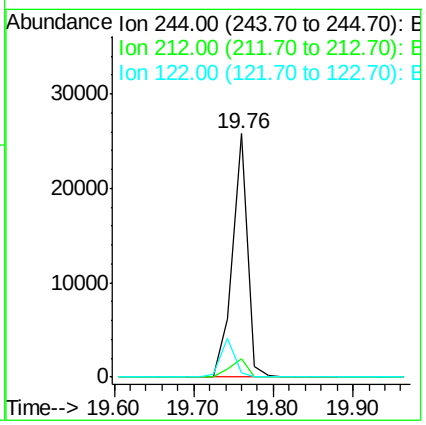


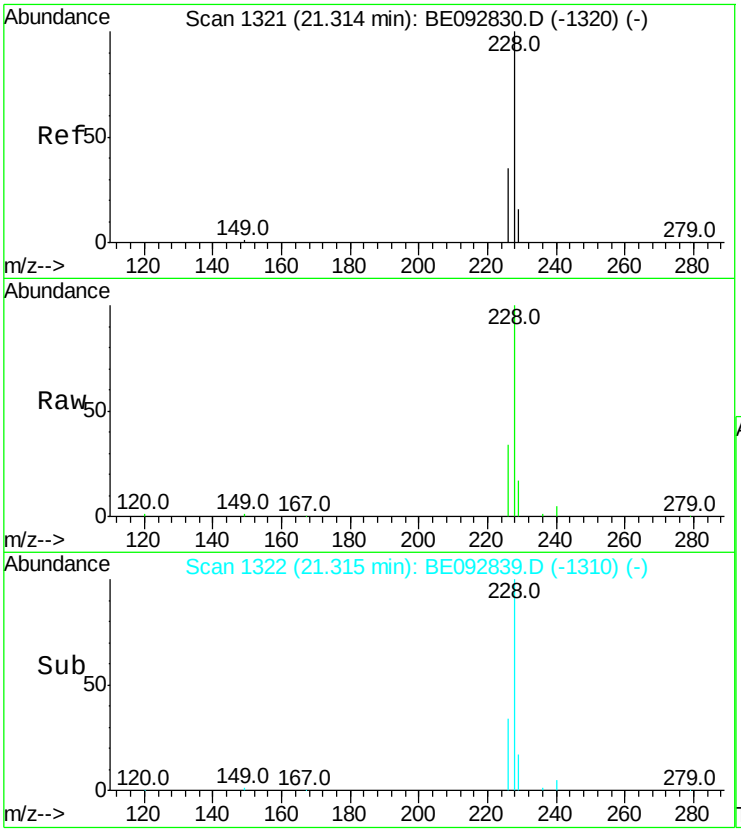


#26
Terphenyl-d14
Concen: 3.99 ng
RT: 19.76 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE092839.D
Acq: 28 Mar 2017 16:39

Tgt Ion:244 Resp: 33919

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.7	10.1
122	1.9	3.6	5.4#



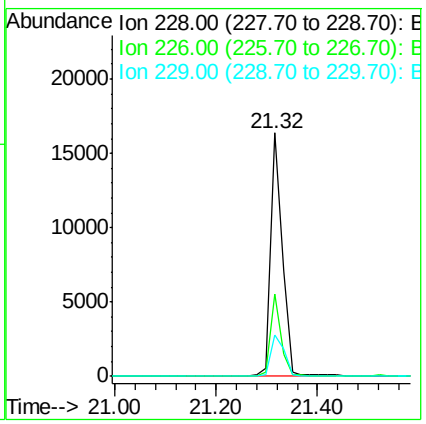


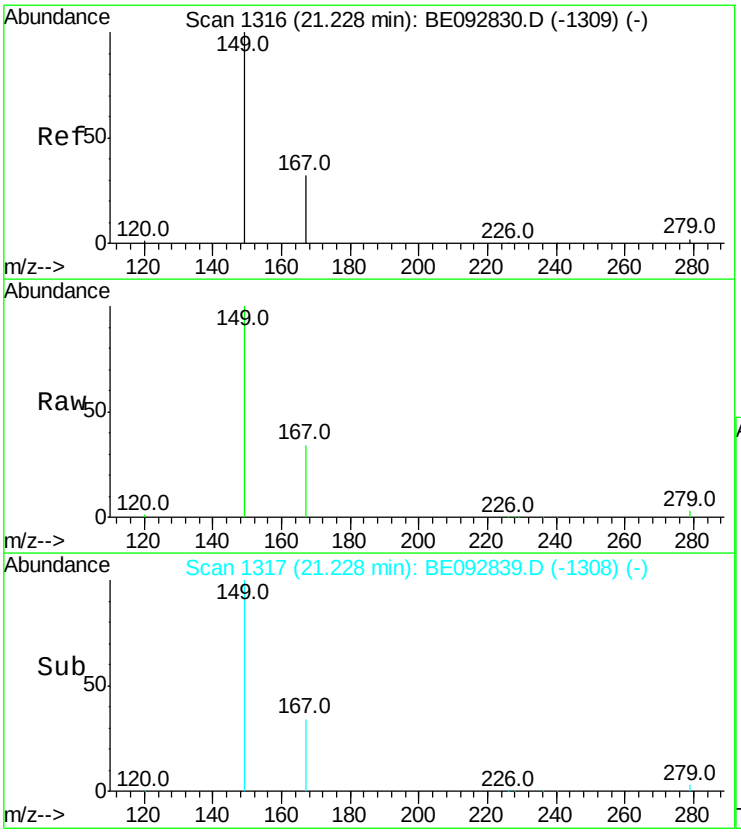
#28
Chrysene
Concen: 2.07 ng
RT: 21.32 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BE092839.D
Acq: 28 Mar 2017 16:39

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Tgt Ion:228 Resp: 25484

Ion	Ratio	Lower	Upper
228	100		
226	33.8	36.3	54.5#
229	17.0	10.6	16.0#

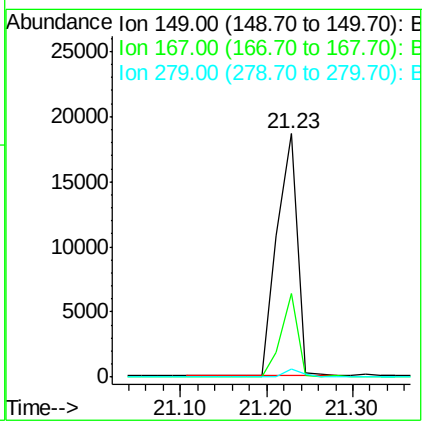


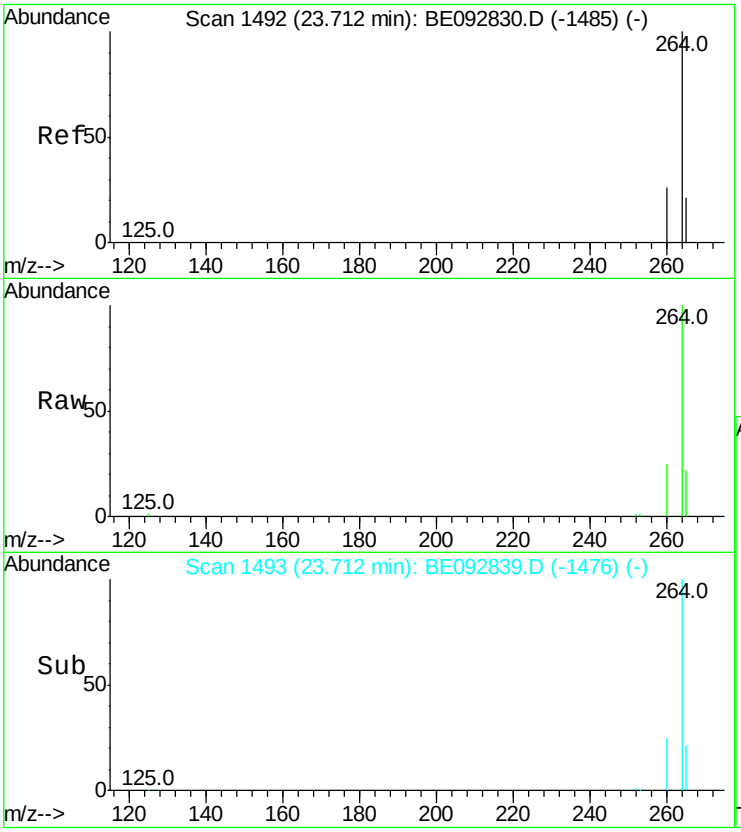


#29
Bis(2-ethylhexyl)phthalate
Concen: 6.14 ng
RT: 21.23 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BE092839.D
Acq: 28 Mar 2017 16:39

Tgt Ion:149 Resp: 30776

Ion	Ratio	Lower	Upper
149	100		
167	28.0	16.0	24.0#
279	2.5	16.0	24.0#



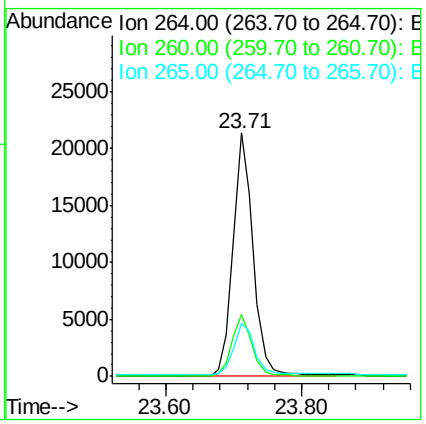


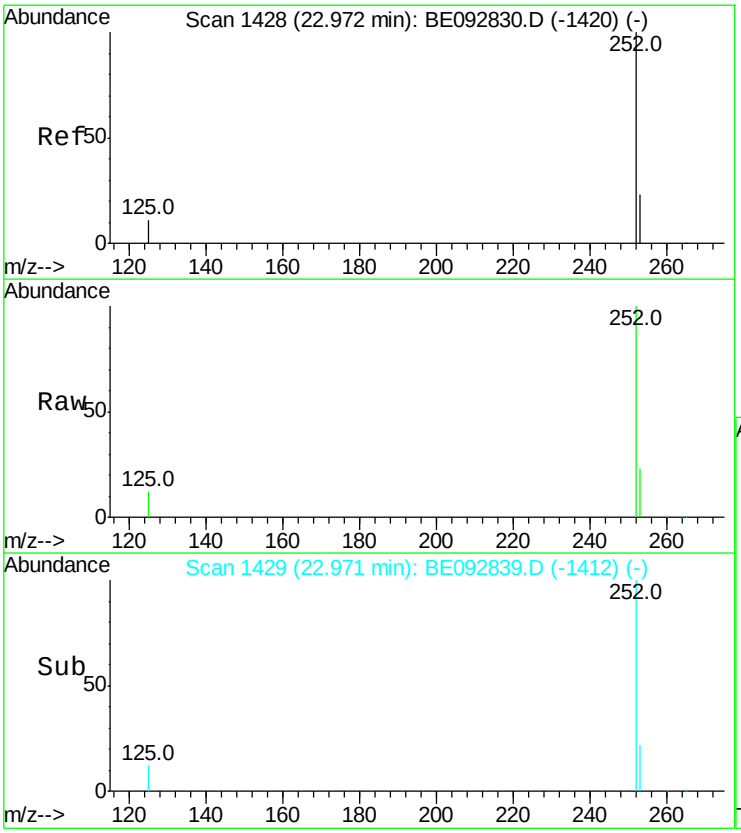
#31
Perylene-d12
Concen: 5.00 ng
RT: 23.71 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BE092839.D
Acq: 28 Mar 2017 16:39

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Tgt Ion:264 Resp: 44326

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.1	30.1
265	21.5	17.9	26.9

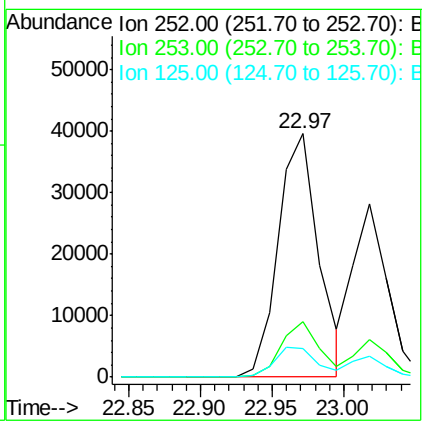


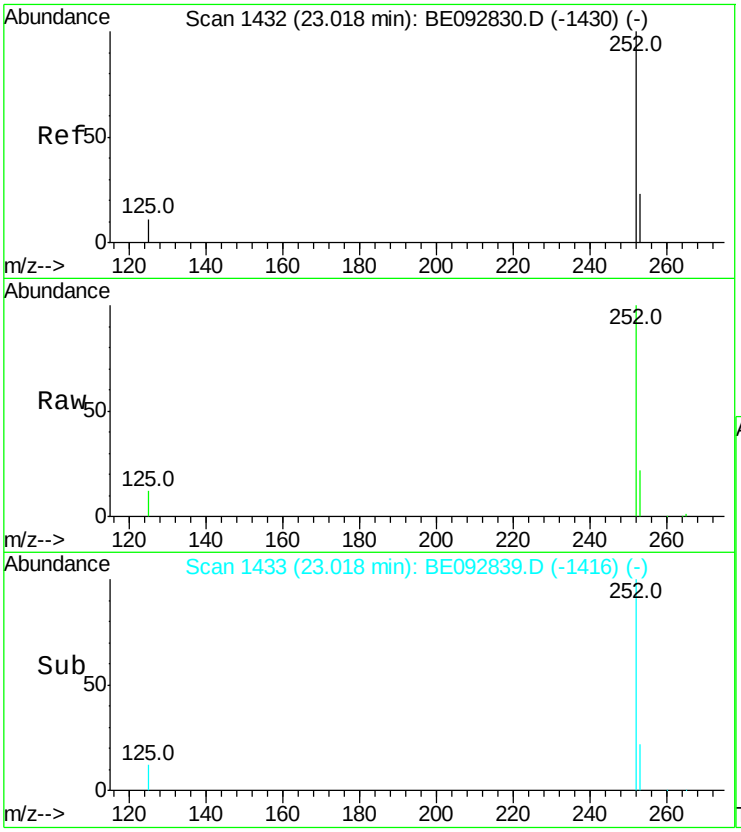


#32
Benzo(b)fluoranthene
Concen: 6.51 ng
RT: 22.97 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BE092839.D
Acq: 28 Mar 2017 16:39

Tgt Ion:252 Resp: 76761

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.7	28.1
125	11.8	10.5	15.7



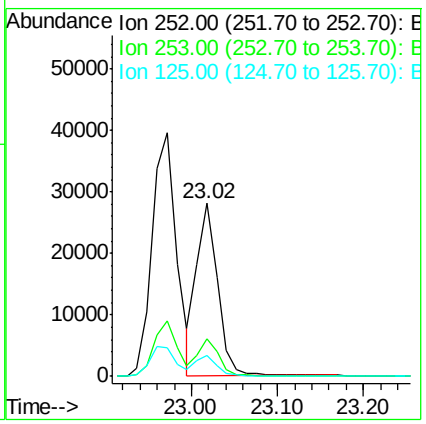


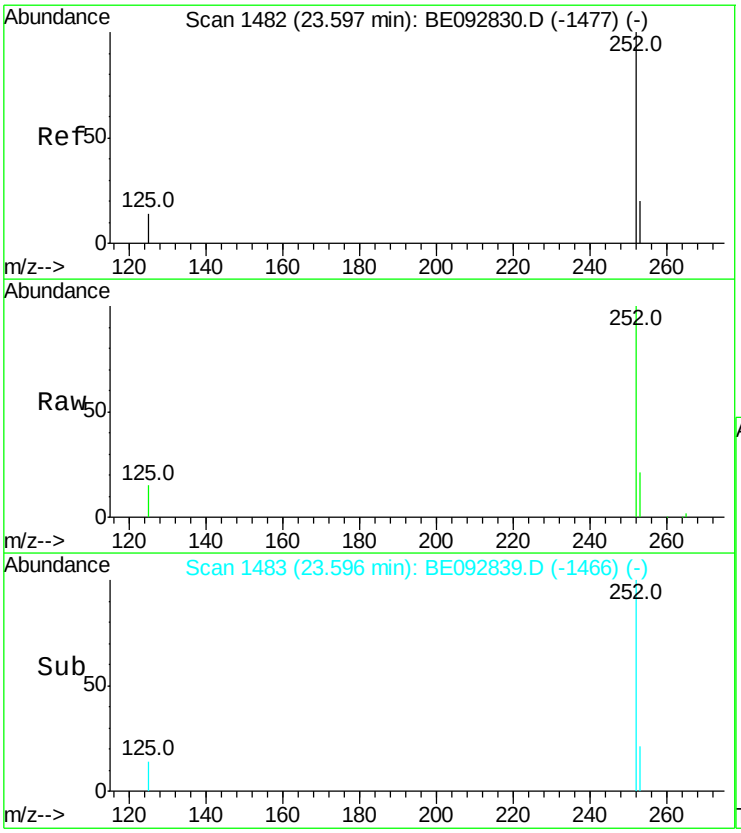
#33
Benzo(k)fluoranthene
Concen: 4.50 ng
RT: 23.02 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BE092839.D
Acq: 28 Mar 2017 16:39

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Tgt Ion:252 Resp: 47505

Ion	Ratio	Lower	Upper
252	100		
253	22.0	20.3	30.5
125	12.3	9.6	14.4

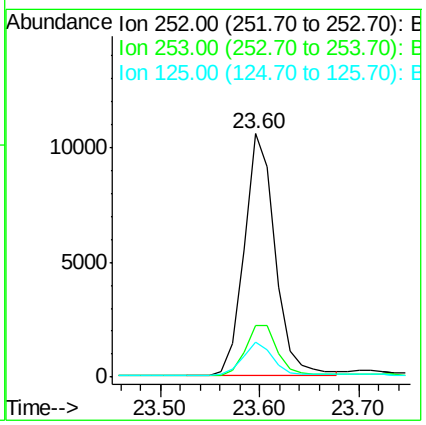


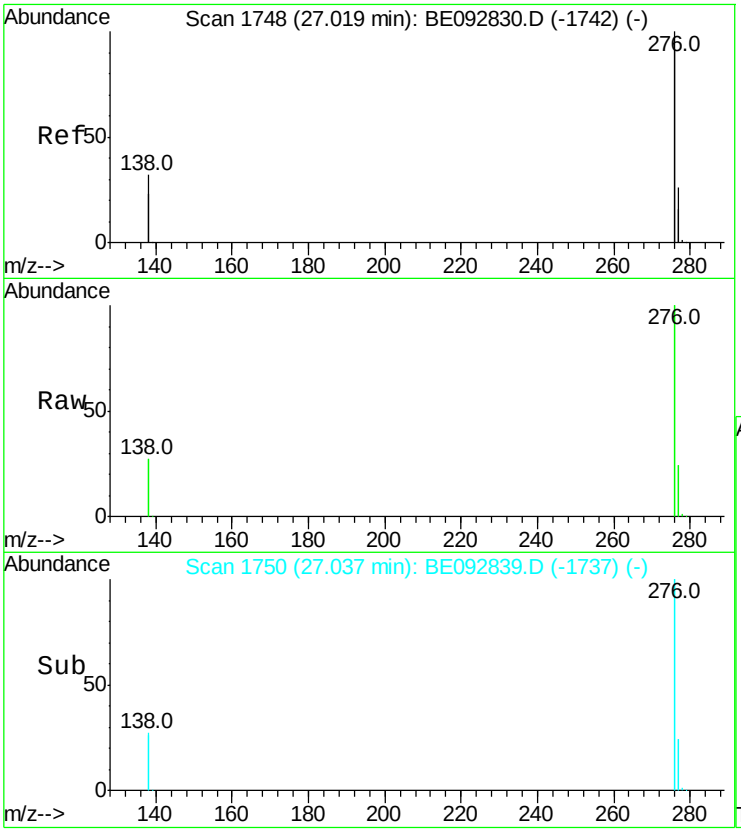


#34
Benzo(a)pyrene
Concen: 2.31 ng
RT: 23.60 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BE092839.D
Acq: 28 Mar 2017 16:39

Tgt Ion:252 Resp: 22565

Ion	Ratio	Lower	Upper
252	100		
253	21.1	19.0	28.6
125	14.6	11.8	17.8





#36
Benzo(g,h,i)perylene
Concen: 8.72 ng
RT: 27.04 min Scan# 1750
Delta R.T. 0.02 min
Lab File: BE092839.D
Acq: 28 Mar 2017 16:39

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Tgt Ion:276 Resp: 374915

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.8	29.8
138	26.5	19.8	29.6