Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020615\
Data File : BE089582.D
Acq On : 8 Feb 2015 8:47
Operator : TP/IZ
Sample : MDL-03-S
Misc : MDL-SOIL-0.2/0.4
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Feb 09 00:29:35 2015
Quant Method : Z:\HPCHEM1\BNA_E\methods\SIMPAH-BE020615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 07 04:07:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.42	152	36913	5.00	ng		0.00
2) Naphthalene-d8	12.33	136	154523	5.00	ng		0.00
6) Acenaphthene-d10	16.51	164	83208	5.00	ng		0.00
11) Phenanthrene-d10	19.84	188	137347	5.00	ng		0.00
16) Chrysene-d12	23.72	240	134065	5.00	ng		0.00
22) Perylene-d12	25.41	264	118741	5.00	ng		0.00
System Monitoring Compounds							
3) Nitrobenzene-d5	10.69	82	100598	9.80	ng		0.00
7) 2-Fluorobiphenyl	14.96	172	179847	8.10	ng		0.00
18) Terphenyl-d14	22.36	244	197784	11.18	ng		0.00
Target Compounds							Qvalue
4) Naphthalene	12.37	128	5000	0.14	ng		97
5) 2-Methylnaphthalene	14.03	142	2831	0.14	ng	#	91
8) Acenaphthylene	16.16	152	15635	0.11	ng		99
9) Acenaphthene	16.58	154	2758	0.12	ng		95
10) Fluorene	17.83	166	2908	0.12	ng		98
12) Pentachlorophenol	19.52	266	78	0.61	ng	#	82
13) Phenanthrene	19.88	178	4823	0.14	ng		100
14) Anthracene	19.98	178	3703	0.13	ng		99
15) Fluoranthene	22.10	202	4024	0.13	ng		98
17) Pyrene	22.10	202	4024	0.14	ng		98
19) Benzo(a)anthracene	23.70	228	14314	0.12	ng		96
20) Chrysene	23.75	228	18452	0.15	ng		96
21) Indeno(1,2,3-cd)pyrene	26.84	276	8393	0.05	ng		96
23) Benzo(b)fluoranthene	24.97	252	1808	0.08	ng		94
24) Benzo(k)fluoranthene	25.00	252	3426	0.12	ng		97
25) Benzo(a)pyrene	25.34	252	1808	0.08	ng	#	91
26) Dibenzo(a,h)anthracene	26.87	278	1468	0.05	ng	#	79
27) Benzo(g,h,i)perylene	27.26	276	9770	0.09	ng	#	87

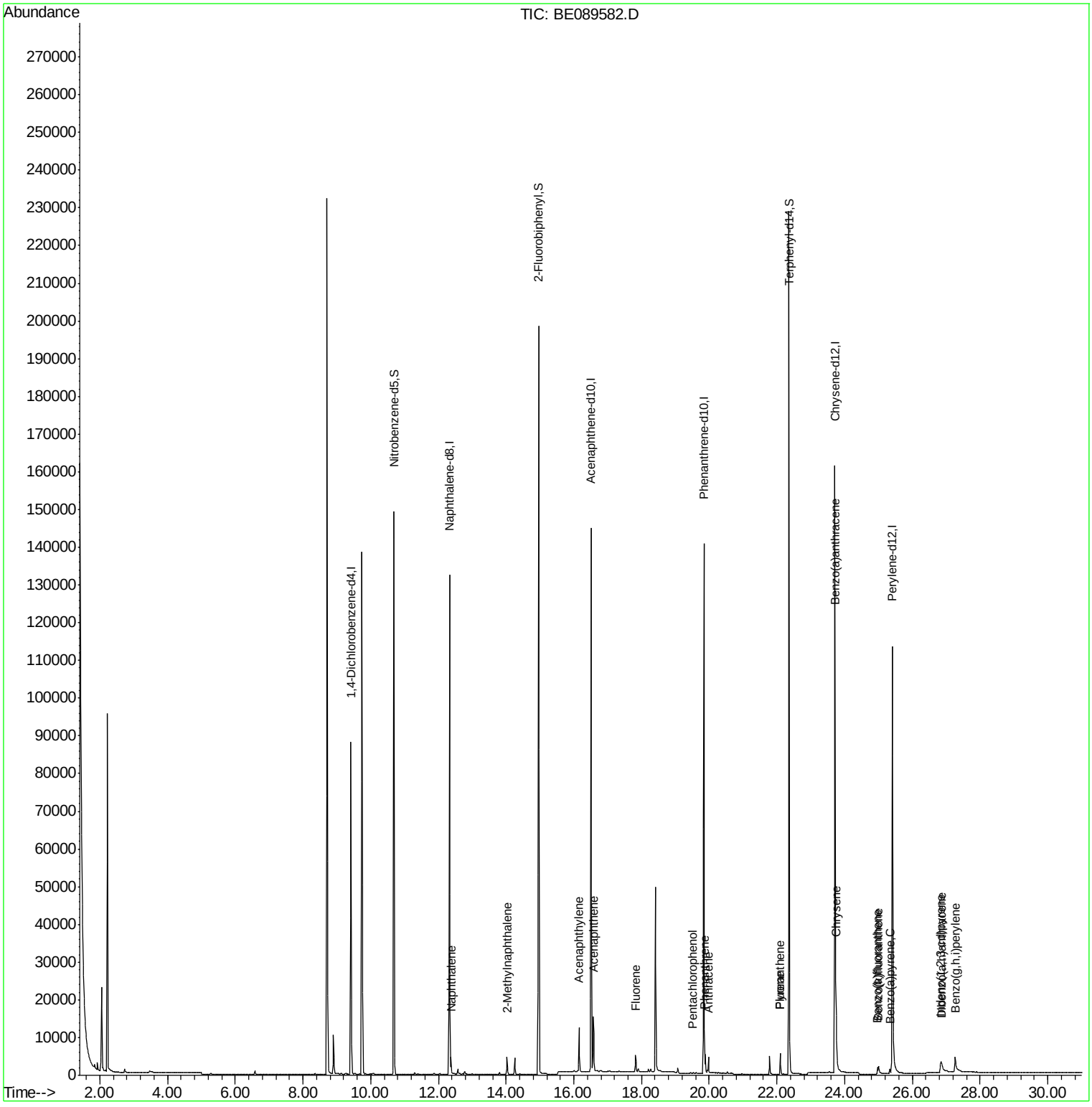
(#) = qualifier out of range (m) = manual integration (+) = signals summed

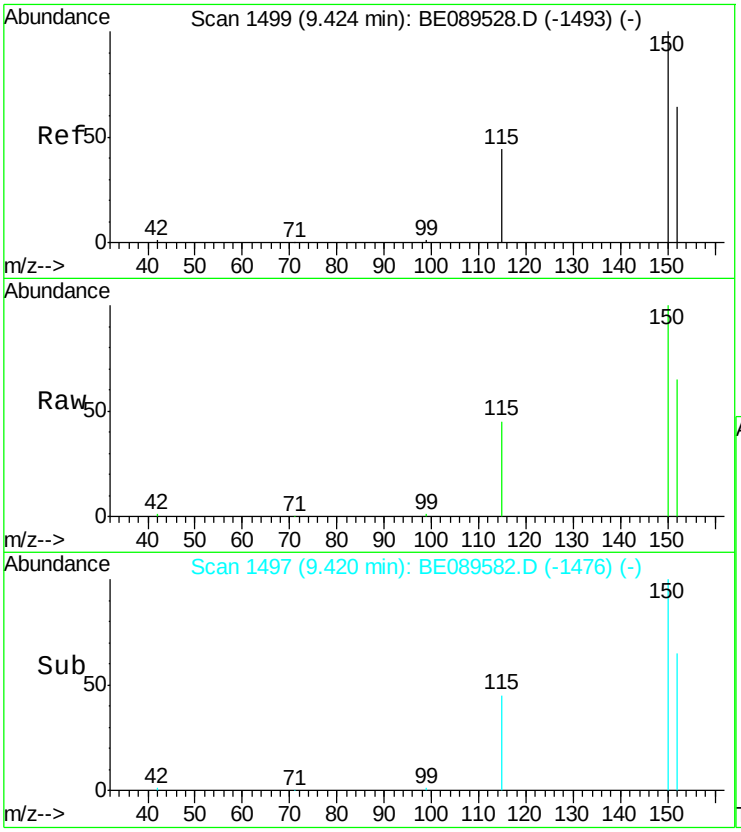
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020615\
Data File : BE089582.D
Acq On : 8 Feb 2015 8:47
Operator : TP/IZ
Sample : MDL-03-S
Misc : MDL-SOIL-0.2/0.4
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Feb 09 00:29:35 2015
Quant Method : Z:\HPCHEM1\BNA_E\methods\SIMPAH-BE020615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 07 04:07:57 2015
Response via : Initial Calibration



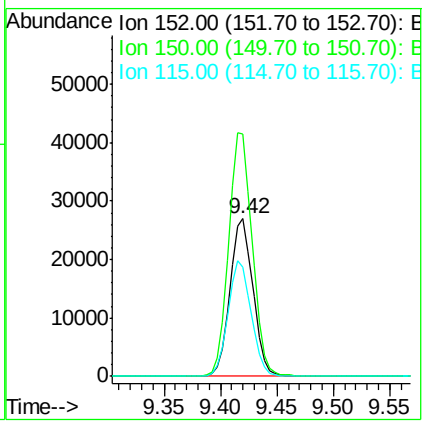


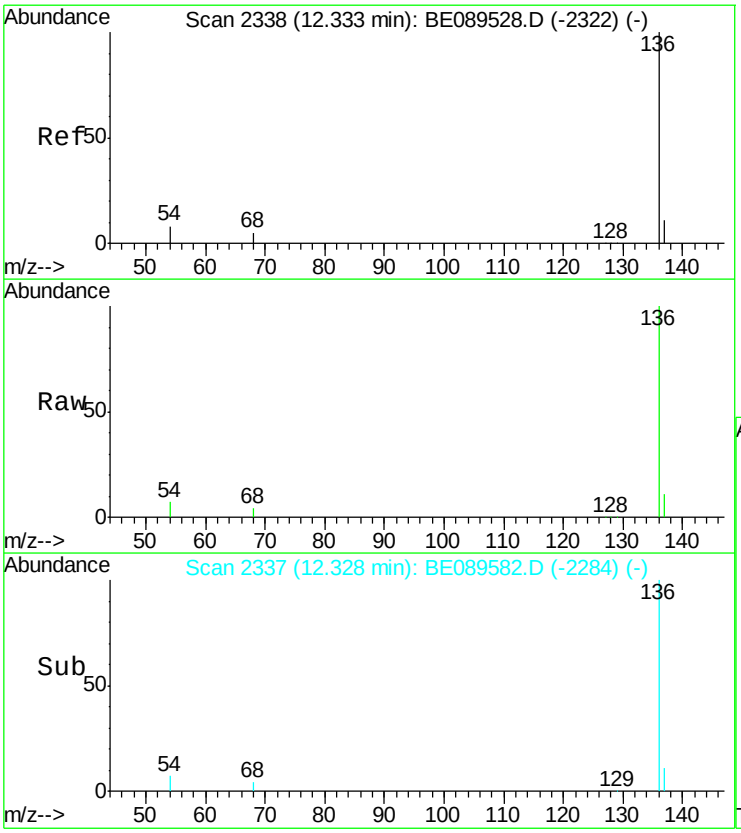
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.42 min Scan# 1497
Delta R.T. -0.00 min
Lab File: BE089582.D
Acq: 8 Feb 2015 8:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 36913

Ion	Ratio	Lower	Upper
152	100		
150	153.8	125.7	188.5
115	69.1	55.6	83.4

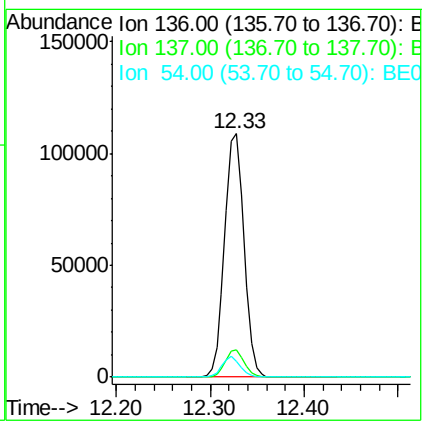


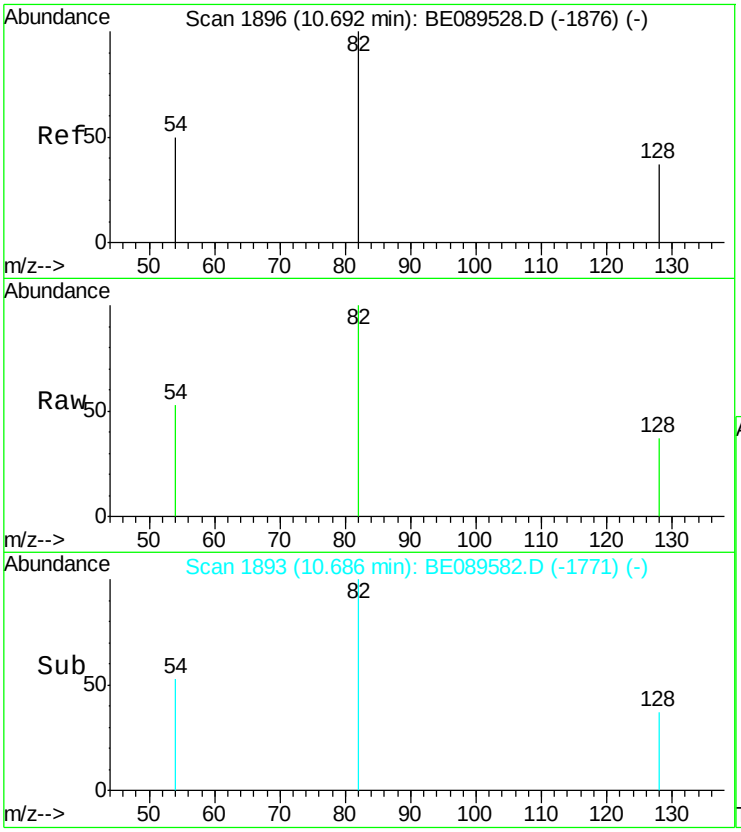


#2
Naphthalene-d8
Concen: 5.00 ng
RT: 12.33 min Scan# 2337
Delta R.T. -0.00 min
Lab File: BE089582.D
Acq: 8 Feb 2015 8:47

Tgt Ion:136 Resp: 154523

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.6	6.1	9.1



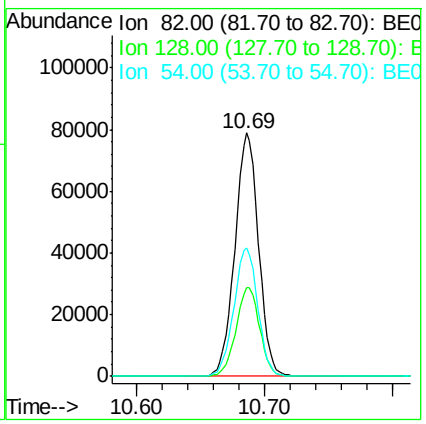


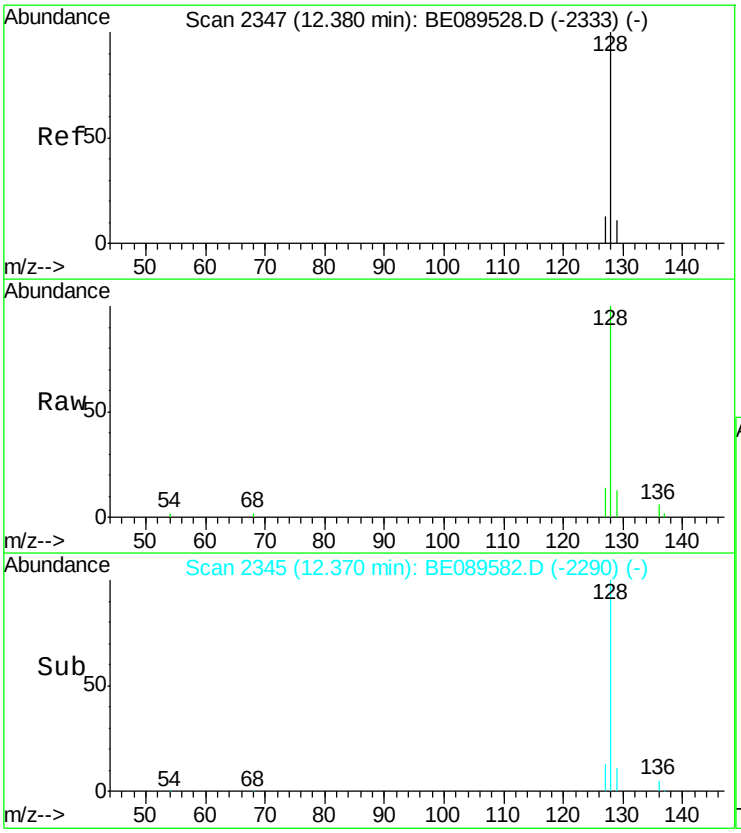
#3
Nitrobenzene-d5
Concen: 9.80 ng
RT: 10.69 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BE089582.D
Acq: 8 Feb 2015 8:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 100598

Ion	Ratio	Lower	Upper
82	100		
128	36.6	30.2	45.4
54	52.8	40.6	60.8

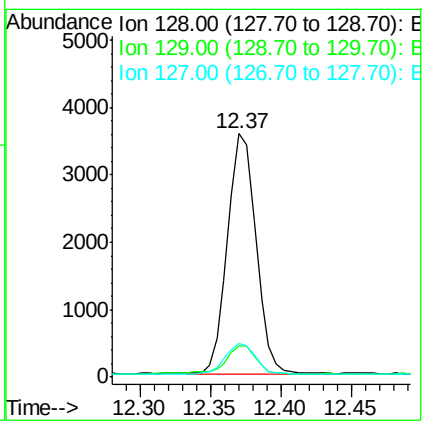


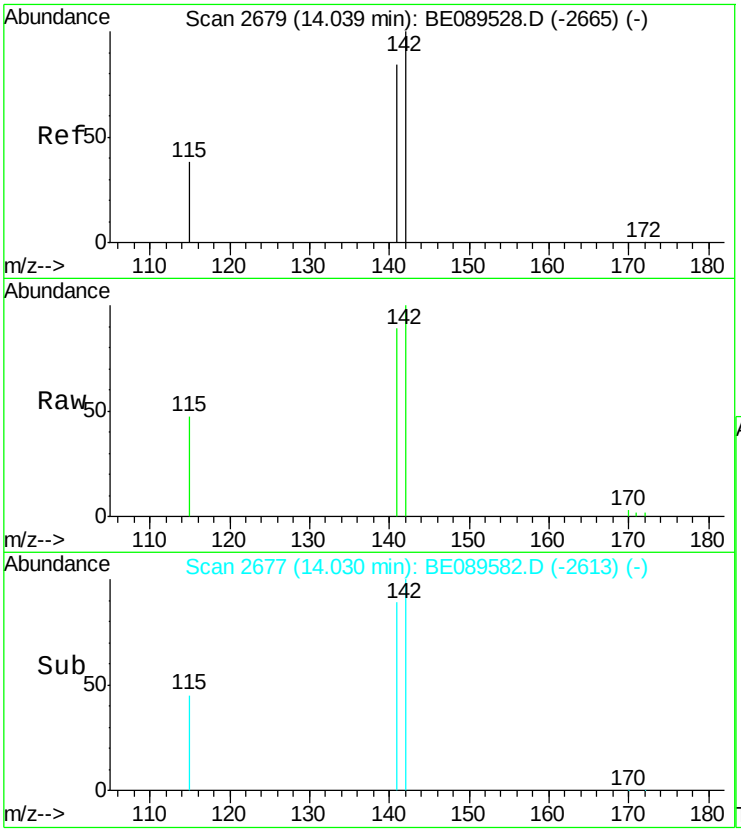


#4
Naphthalene
Concen: 0.14 ng
RT: 12.37 min Scan# 2345
Delta R.T. -0.01 min
Lab File: BE089582.D
Acq: 8 Feb 2015 8:47

Tgt Ion:128 Resp: 5000

Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.1	13.7
127	14.0	10.5	15.7



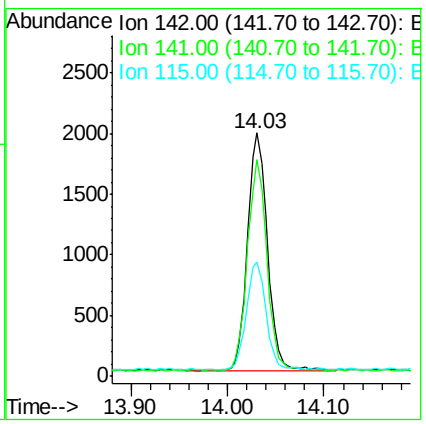


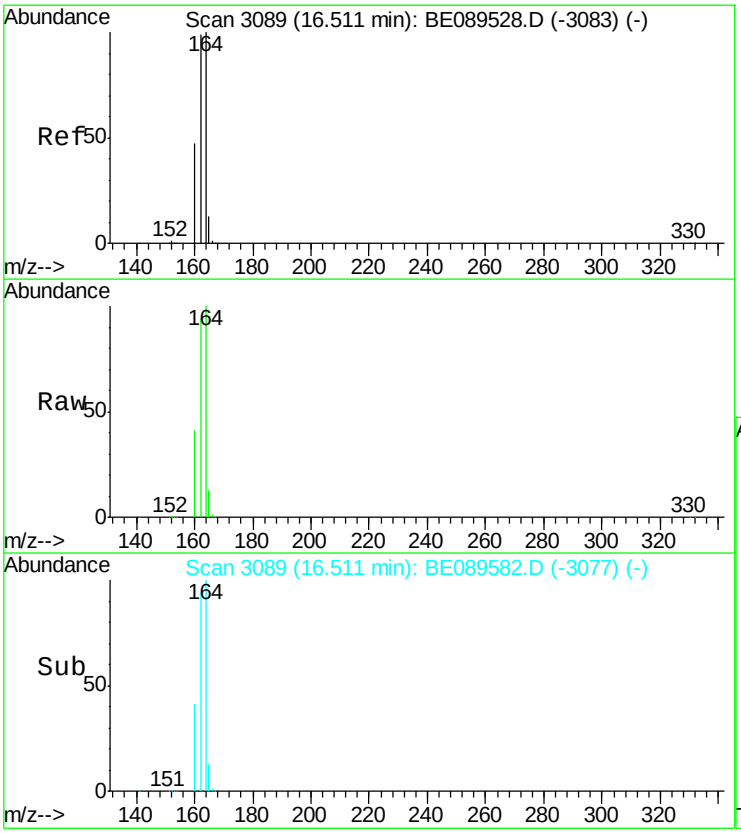
#5
2-Methylnaphthalene
Concen: 0.14 ng
RT: 14.03 min Scan# 2677
Delta R.T. -0.01 min
Lab File: BE089582.D
Acq: 8 Feb 2015 8:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 2831

Ion	Ratio	Lower	Upper
142	100		
141	89.3	67.0	100.6
115	46.7	30.6	45.8#

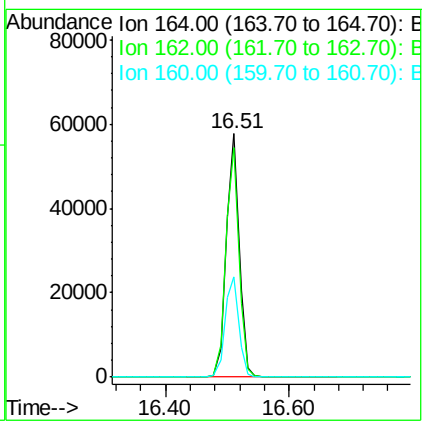


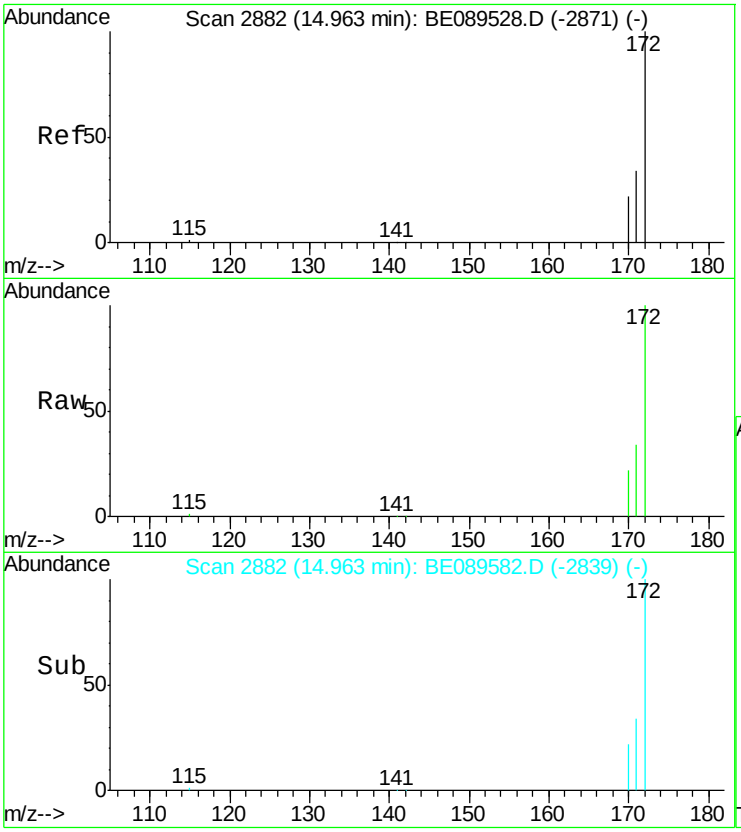


#6
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.51 min Scan# 3089
Delta R.T. 0.00 min
Lab File: BE089582.D
Acq: 8 Feb 2015 8:47

Tgt Ion:164 Resp: 83208

Ion	Ratio	Lower	Upper
164	100		
162	94.3	79.5	119.3
160	41.2	37.6	56.4



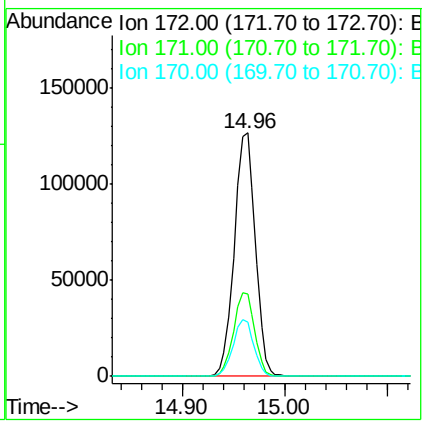


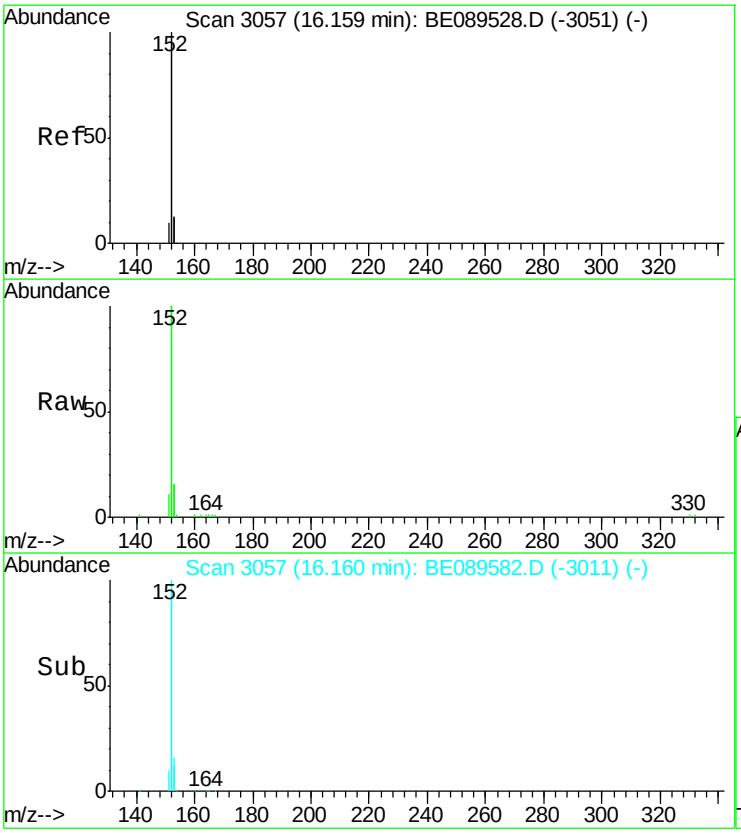
#7
2-Fluorobiphenyl
Concen: 8.10 ng
RT: 14.96 min Scan# 2882
Delta R.T. 0.00 min
Lab File: BE089582.D
Acq: 8 Feb 2015 8:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 179847

Ion	Ratio	Lower	Upper
172	100		
171	33.9	27.7	41.5
170	22.1	18.3	27.5

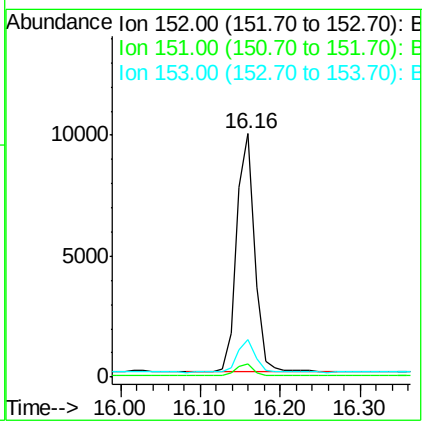


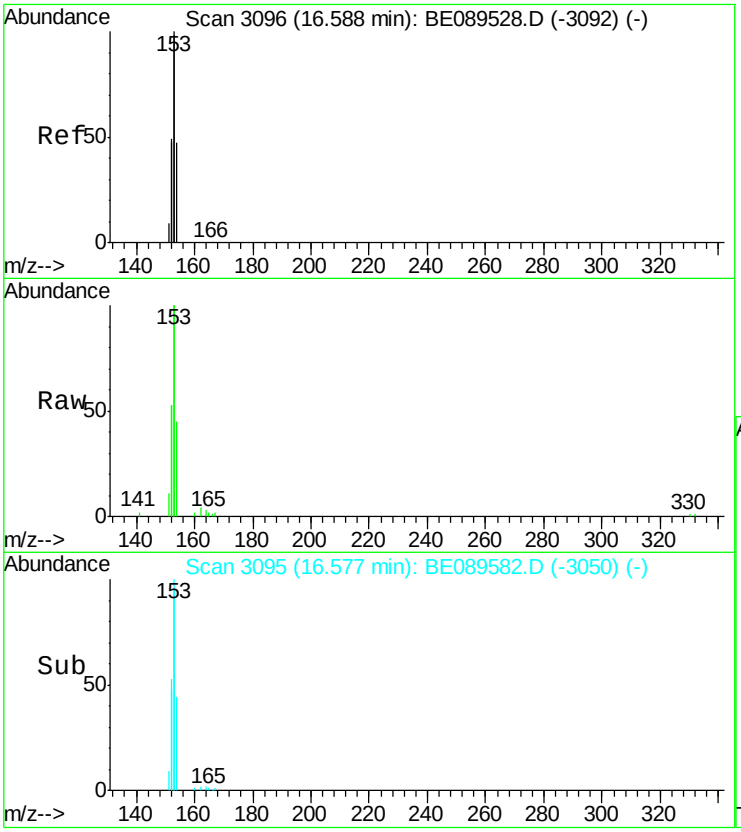


#8
Acenaphthylene
Concen: 0.11 ng
RT: 16.16 min Scan# 3057
Delta R.T. 0.00 min
Lab File: BE089582.D
Acq: 8 Feb 2015 8:47

Tgt Ion:152 Resp: 15635

Ion	Ratio	Lower	Upper
152	100		
151	5.0	4.0	6.0
153	13.8	10.6	15.8



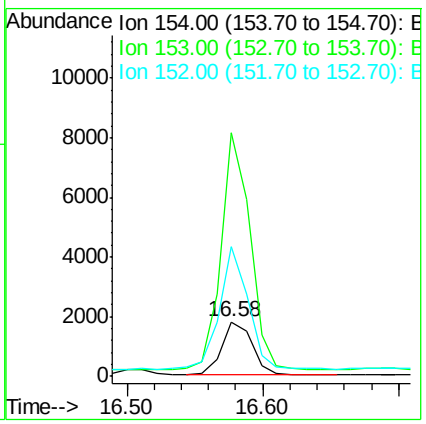


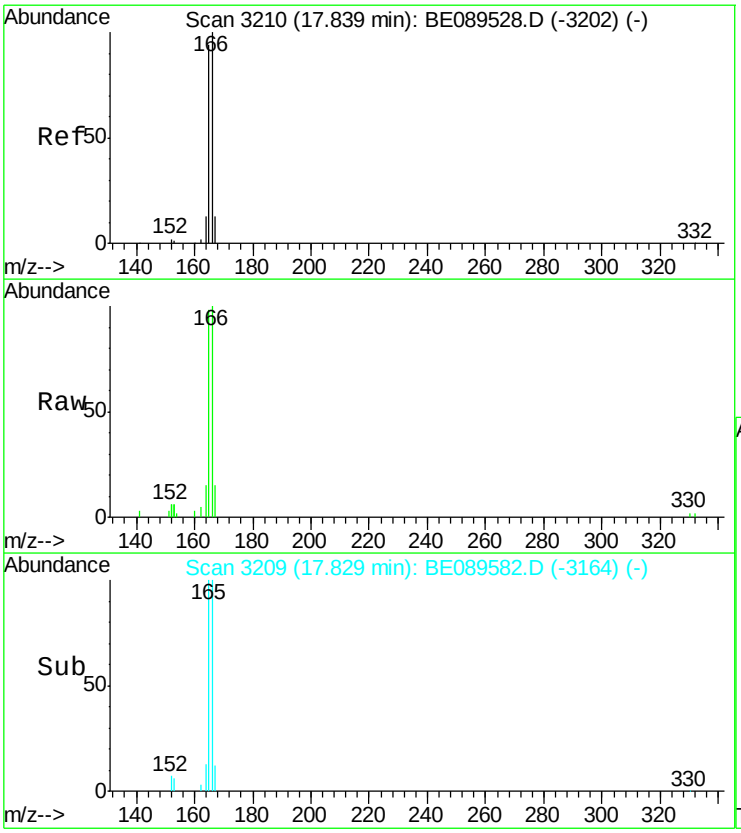
#9
Acenaphthene
Concen: 0.12 ng
RT: 16.58 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BE089582.D
Acq: 8 Feb 2015 8:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 2758

Ion	Ratio	Lower	Upper
154	100		
153	432.5	340.8	511.2
152	223.7	165.5	248.3

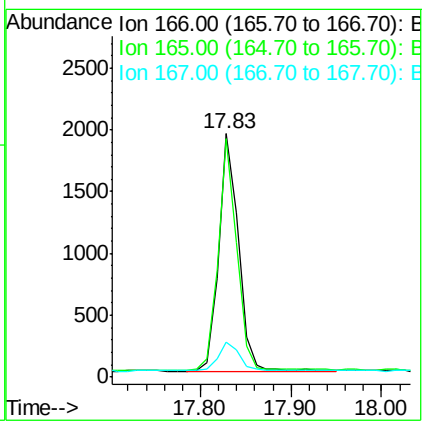


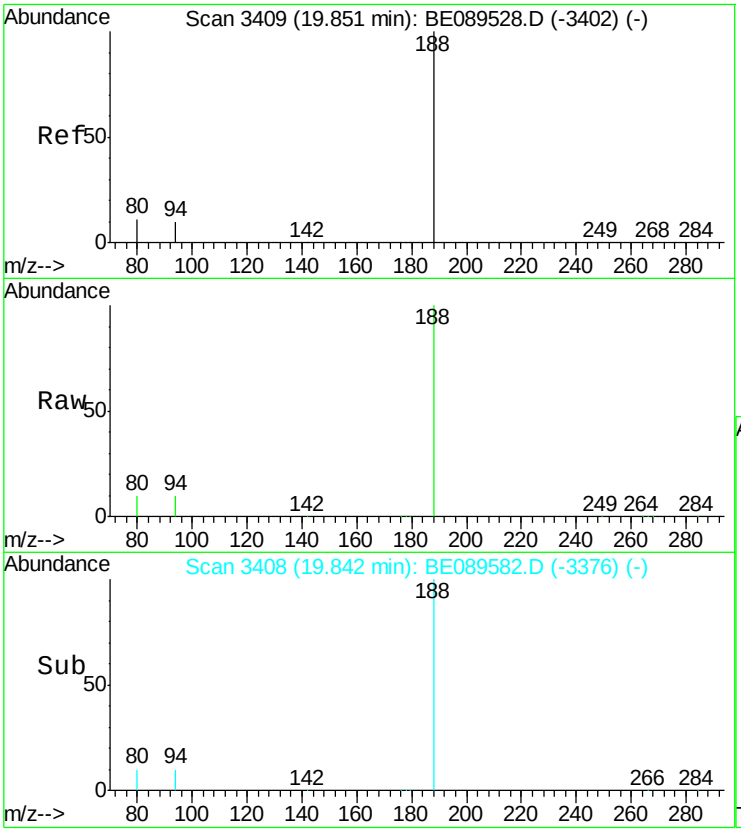


#10
Fluorene
Concen: 0.12 ng
RT: 17.83 min Scan# 3209
Delta R.T. -0.01 min
Lab File: BE089582.D
Acq: 8 Feb 2015 8:47

Tgt Ion:166 Resp: 2908

Ion	Ratio	Lower	Upper
166	100		
165	93.0	75.5	113.3
167	12.6	10.9	16.3



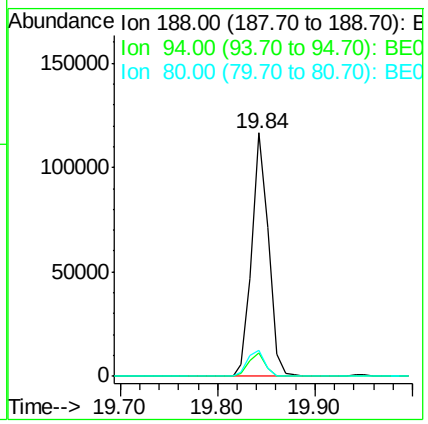


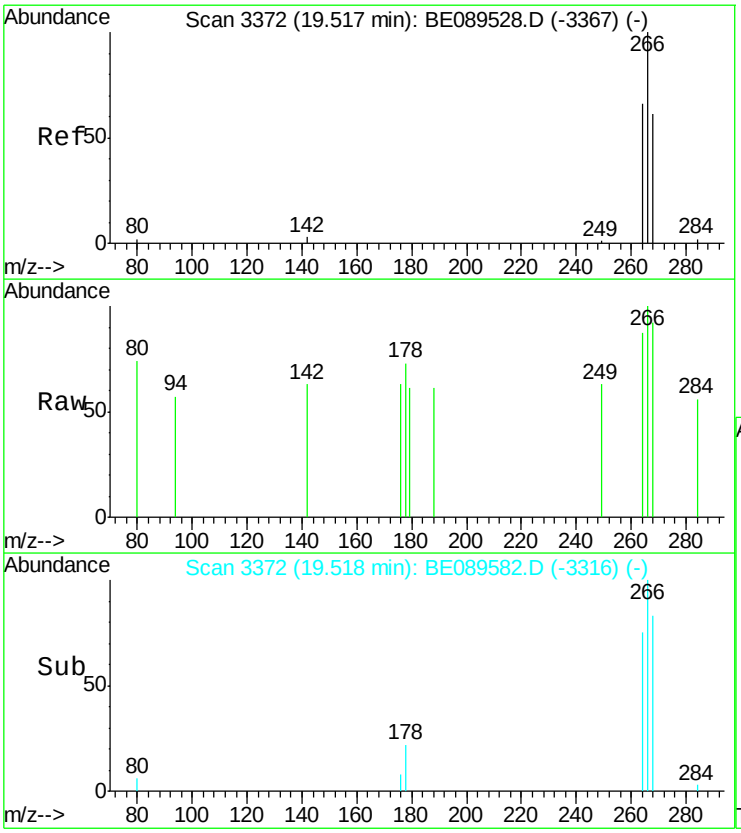
#11
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.84 min Scan# 3408
Delta R.T. -0.01 min
Lab File: BE089582.D
Acq: 8 Feb 2015 8:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 137347

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.4	12.6
80	10.4	8.6	12.8

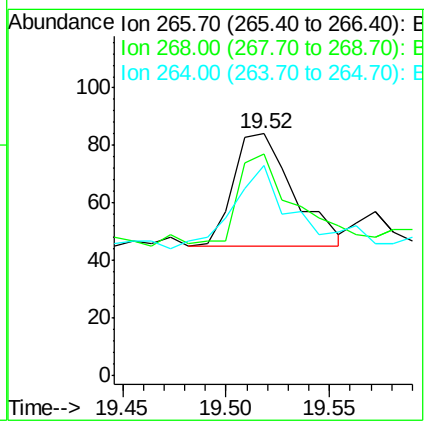


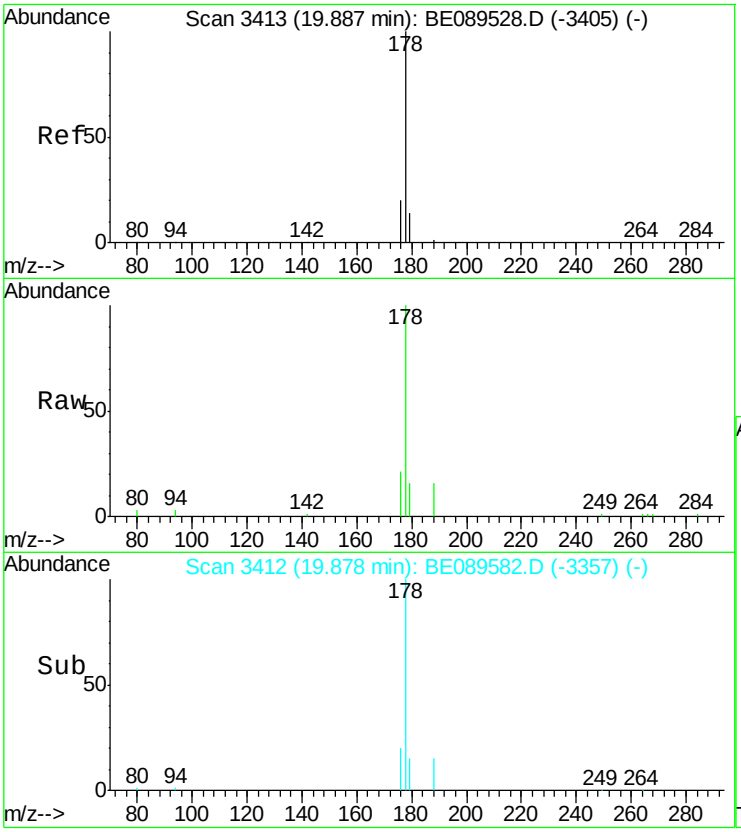


#12
Pentachlorophenol
Concen: 0.61 ng
RT: 19.52 min Scan# 3372
Delta R.T. 0.00 min
Lab File: BE089582.D
Acq: 8 Feb 2015 8:47

Tgt Ion:266 Resp: 78

Ion	Ratio	Lower	Upper
266	100		
268	91.7	57.9	86.9#
264	86.9	60.2	90.4



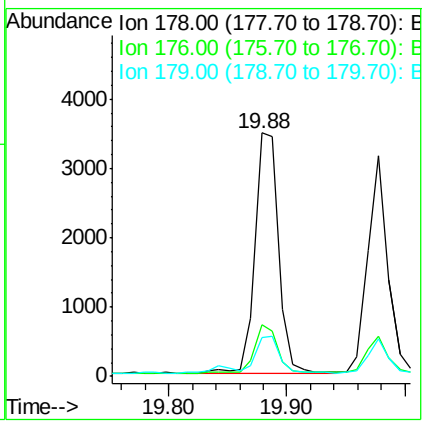


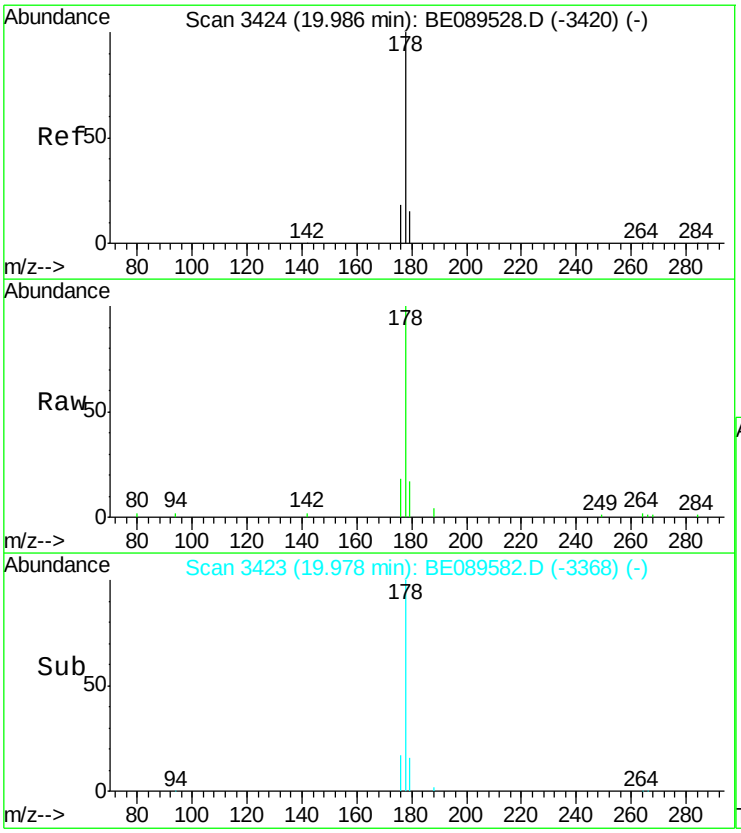
#13
Phenanthrene
Concen: 0.14 ng
RT: 19.88 min Scan# 3412
Delta R.T. -0.01 min
Lab File: BE089582.D
Acq: 8 Feb 2015 8:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 4823

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	15.0	12.2	18.2

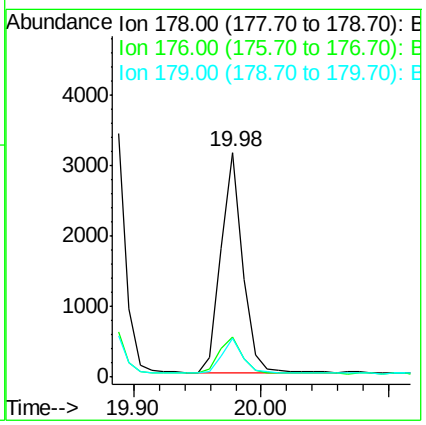


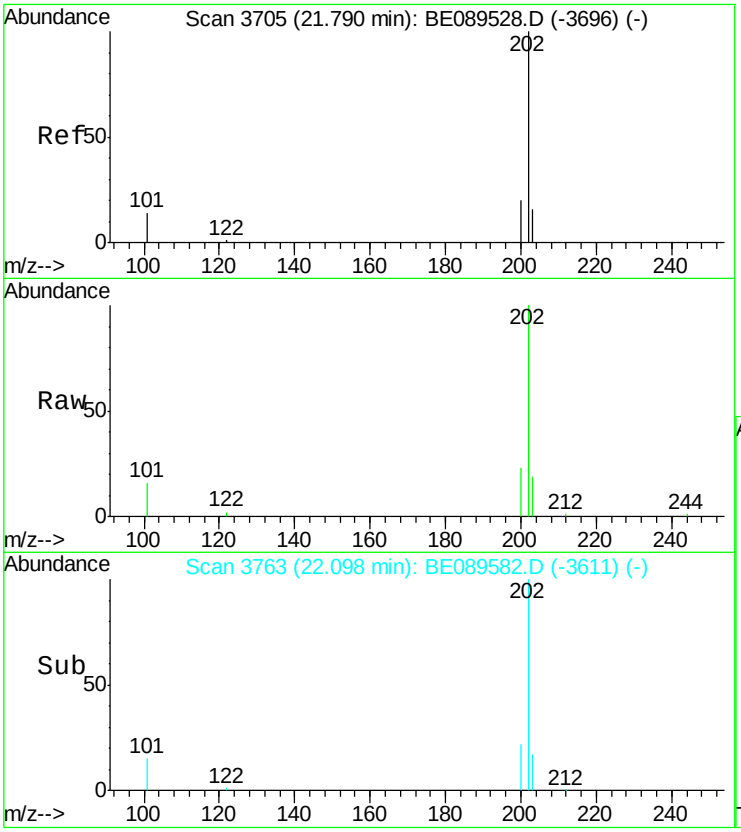


#14
Anthracene
Concen: 0.13 ng
RT: 19.98 min Scan# 3423
Delta R.T. -0.01 min
Lab File: BE089582.D
Acq: 8 Feb 2015 8:47

Tgt Ion:178 Resp: 3703

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.5	21.7
179	15.4	12.2	18.2



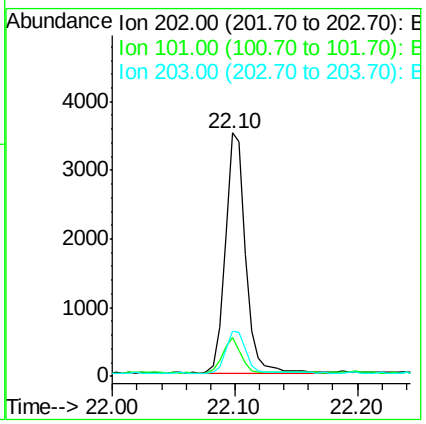


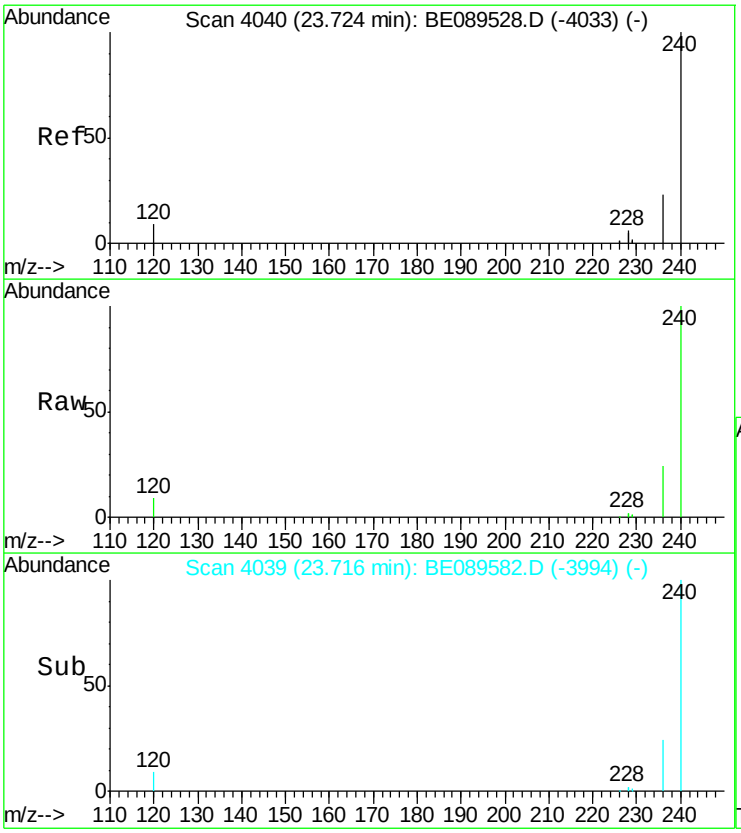
#15
Fluoranthene
Concen: 0.13 ng
RT: 22.10 min Scan# 3763
Delta R.T. 0.31 min
Lab File: BE089582.D
Acq: 8 Feb 2015 8:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 4024

Ion	Ratio	Lower	Upper
202	100		
101	13.2	11.6	17.4
203	17.5	13.6	20.4

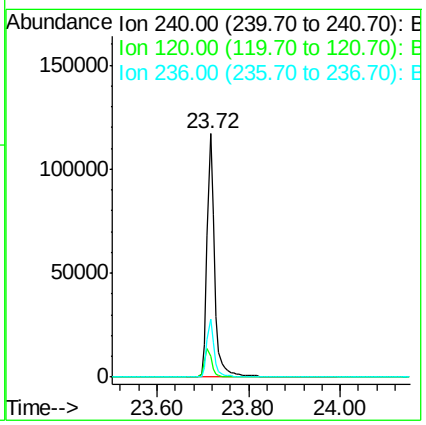


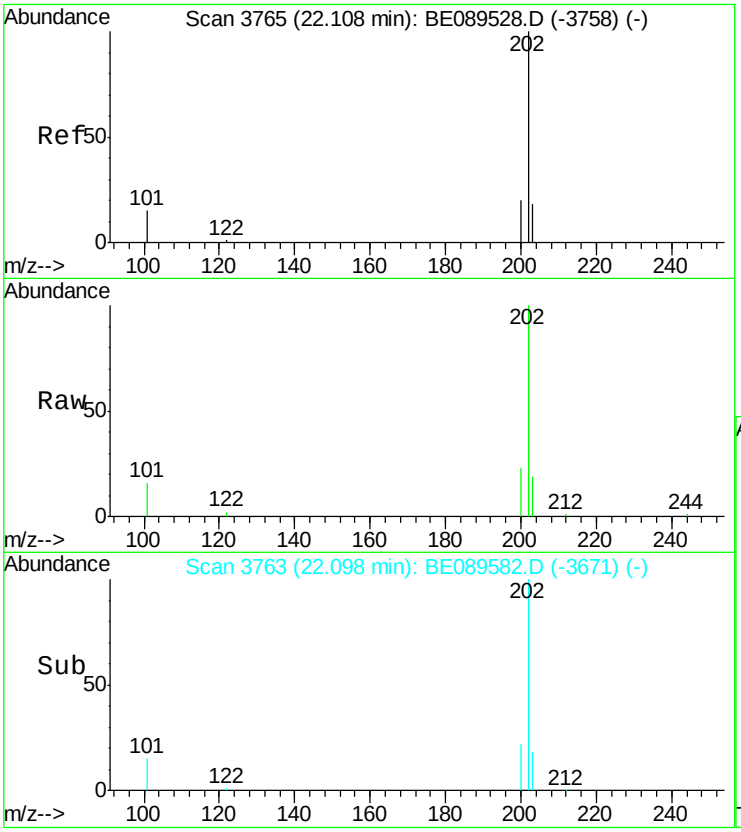


#16
Chrysene-d12
Concen: 5.00 ng
RT: 23.72 min Scan# 4039
Delta R.T. -0.01 min
Lab File: BE089582.D
Acq: 8 Feb 2015 8:47

Tgt Ion:240 Resp: 134065

Ion	Ratio	Lower	Upper
240	100		
120	8.6	7.2	10.8
236	23.7	18.5	27.7



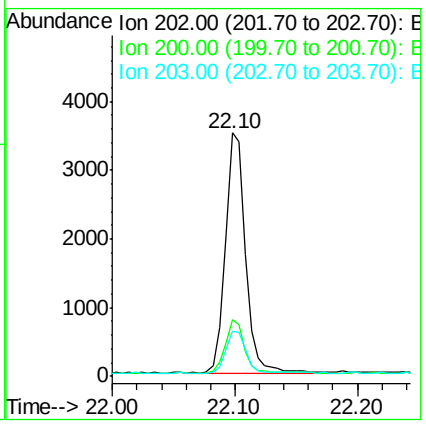


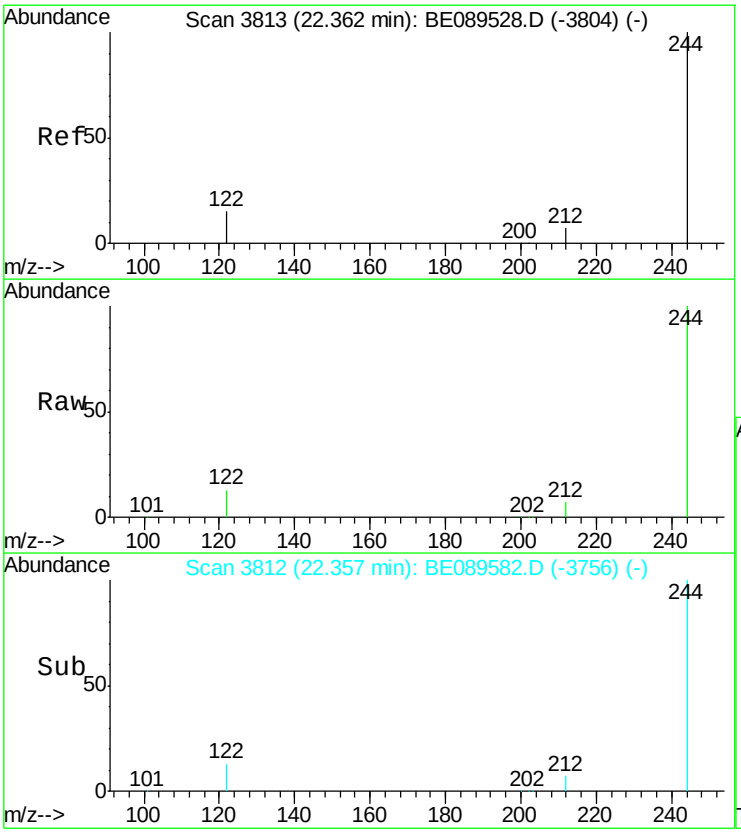
#17
Pyrene
Concen: 0.14 ng
RT: 22.10 min Scan# 3763
Delta R.T. -0.01 min
Lab File: BE089582.D
Acq: 8 Feb 2015 8:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 4024

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.3	24.5
203	17.5	13.5	20.3

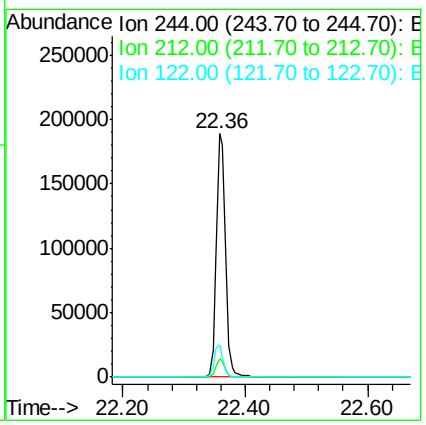


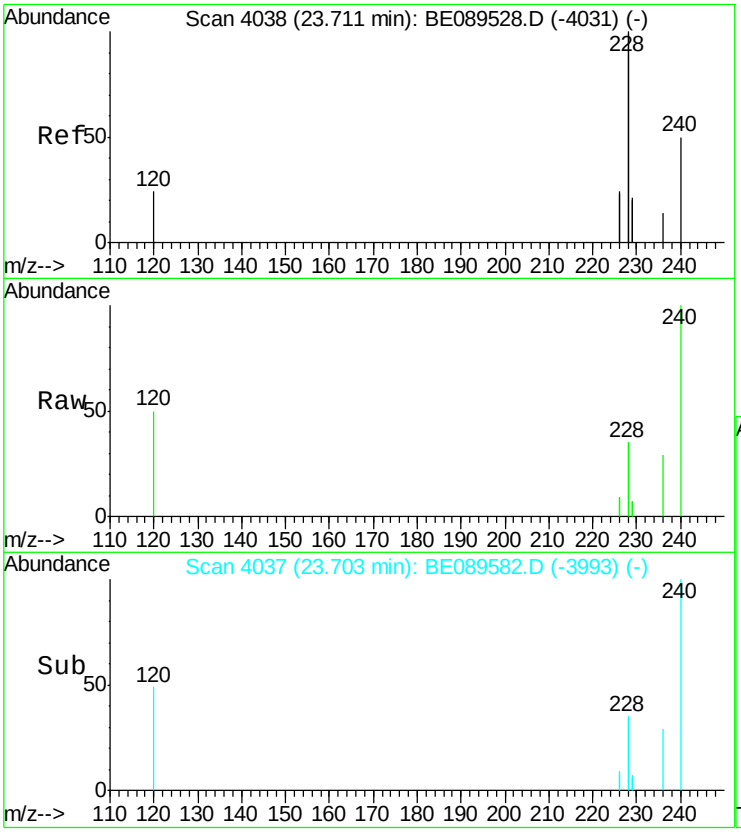


#18
Terphenyl-d14
Concen: 11.18 ng
RT: 22.36 min Scan# 3812
Delta R.T. -0.00 min
Lab File: BE089582.D
Acq: 8 Feb 2015 8:47

Tgt Ion:244 Resp: 197784

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	13.1	12.6	19.0



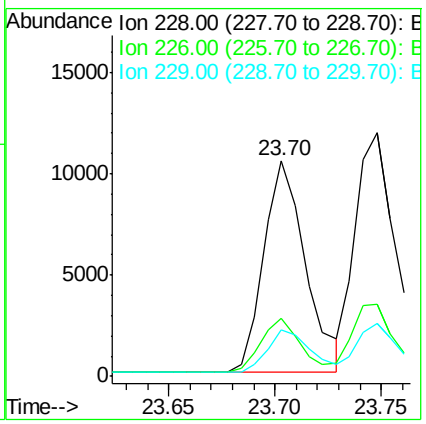


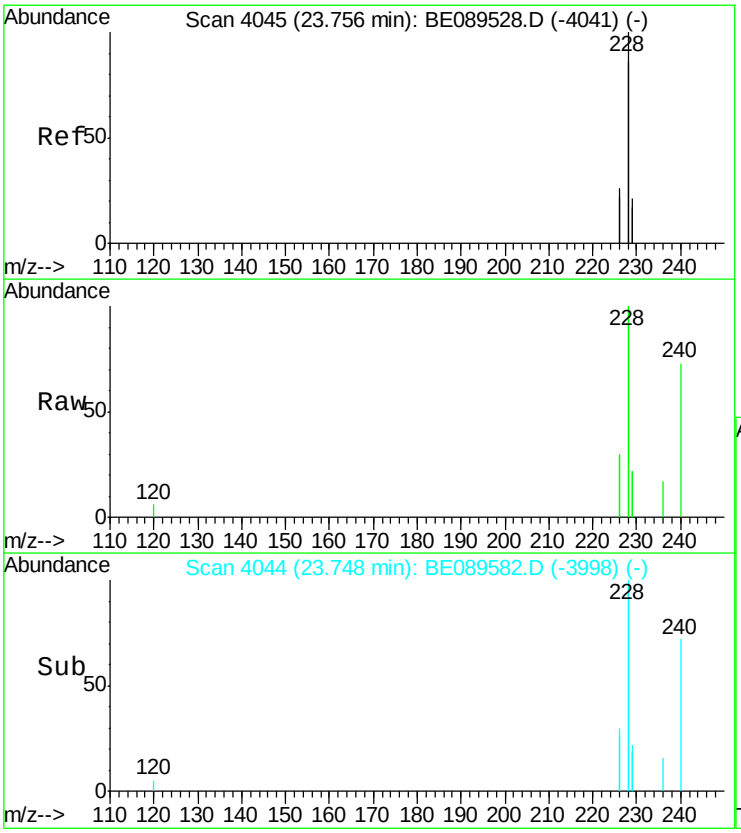
#19
Benzo(a)anthracene
Concen: 0.12 ng
RT: 23.70 min Scan# 4037
Delta R.T. -0.01 min
Lab File: BE089582.D
Acq: 8 Feb 2015 8:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 14314

Ion	Ratio	Lower	Upper
228	100		
226	26.8	19.0	28.4
229	21.3	16.8	25.2

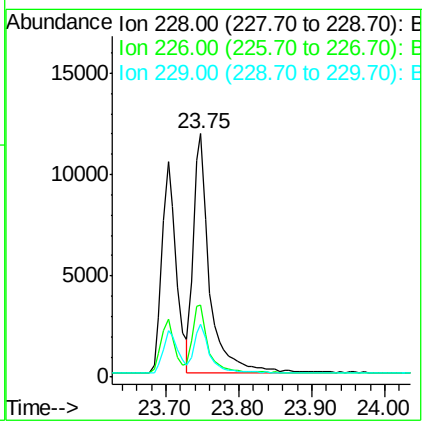


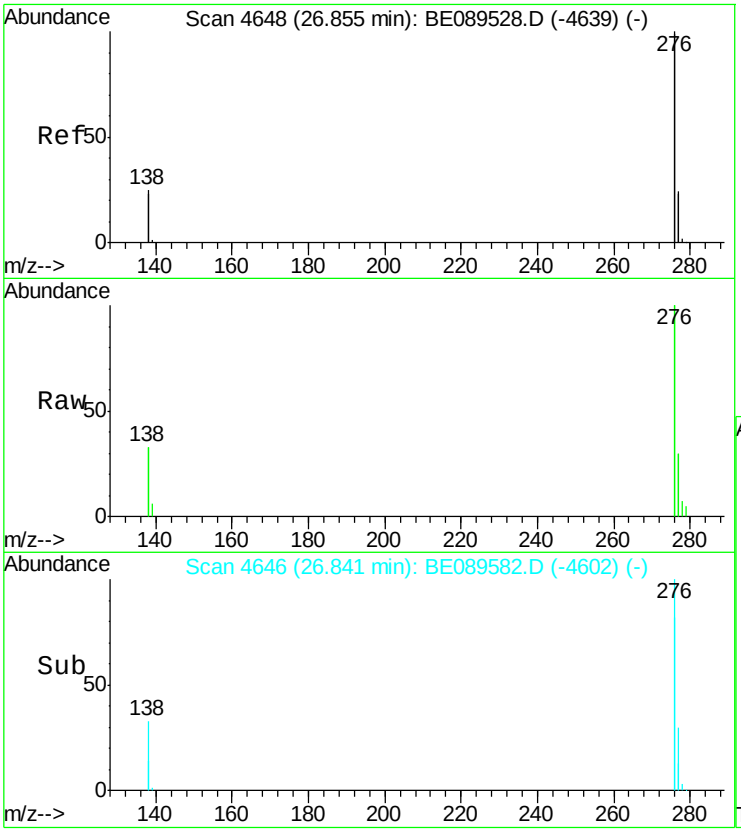


#20
Chrysene
Concen: 0.15 ng
RT: 23.75 min Scan# 4044
Delta R.T. -0.01 min
Lab File: BE089582.D
Acq: 8 Feb 2015 8:47

Tgt Ion:228 Resp: 18452

Ion	Ratio	Lower	Upper
228	100		
226	29.7	21.0	31.4
229	21.5	16.7	25.1



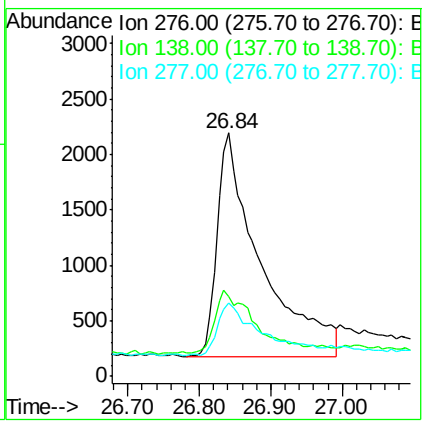


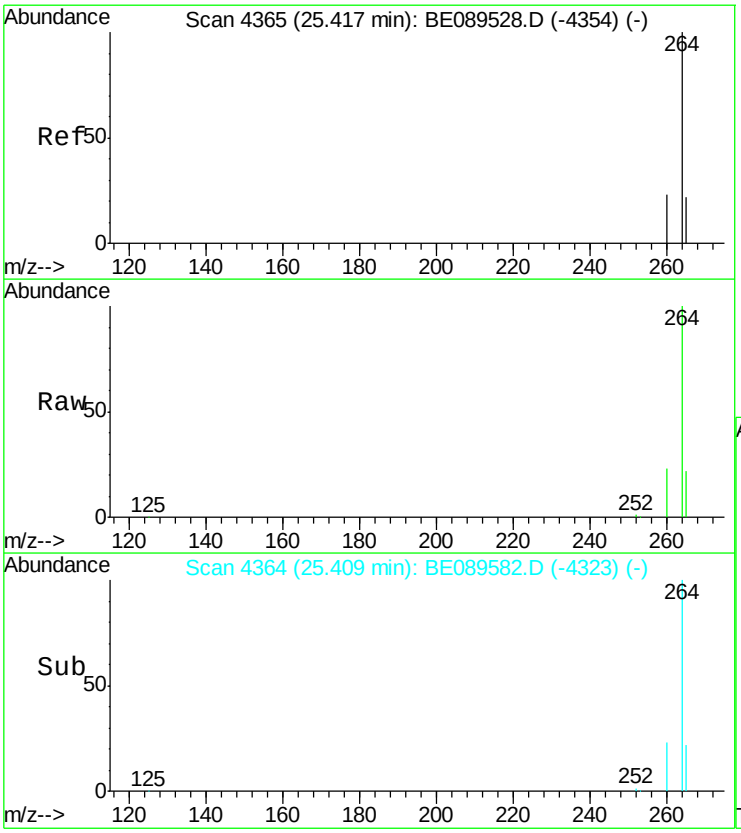
#21
Indeno(1,2,3-cd)pyrene
Concen: 0.05 ng
RT: 26.84 min Scan# 4646
Delta R.T. -0.01 min
Lab File: BE089582.D
Acq: 8 Feb 2015 8:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 8393

Ion	Ratio	Lower	Upper
276	100		
138	25.4	23.0	34.4
277	23.8	19.9	29.9

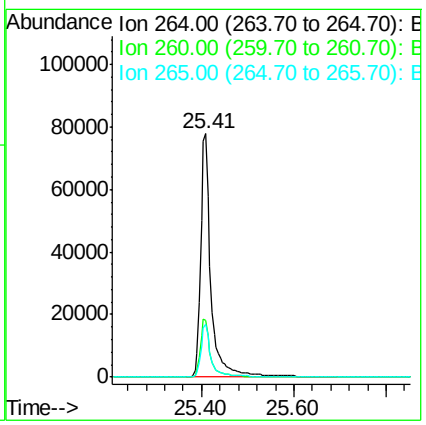


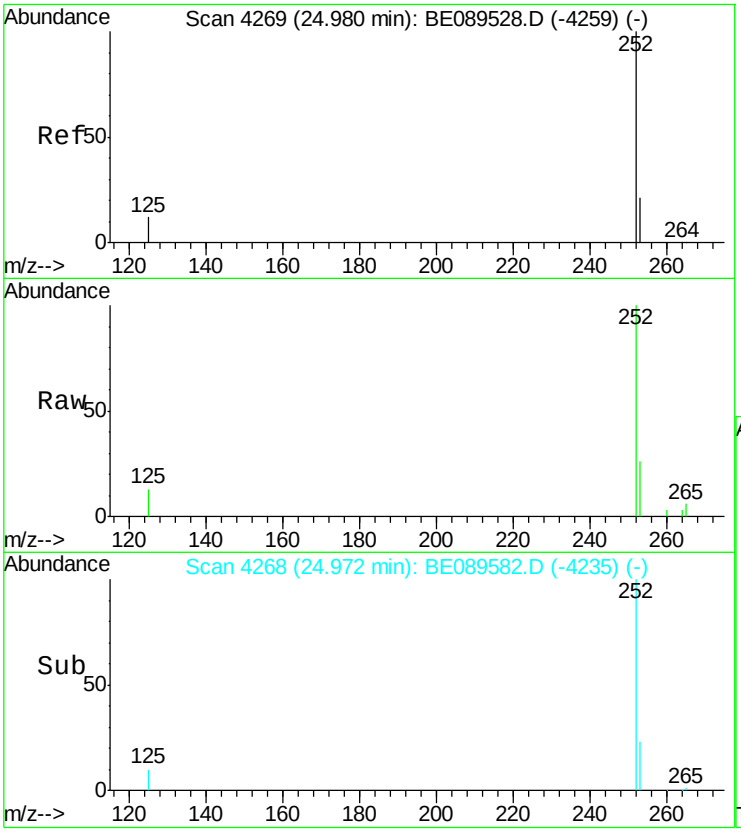


#22
Perylene-d12
Concen: 5.00 ng
RT: 25.41 min Scan# 4364
Delta R.T. -0.01 min
Lab File: BE089582.D
Acq: 8 Feb 2015 8:47

Tgt Ion:264 Resp: 118741

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	21.7	17.5	26.3



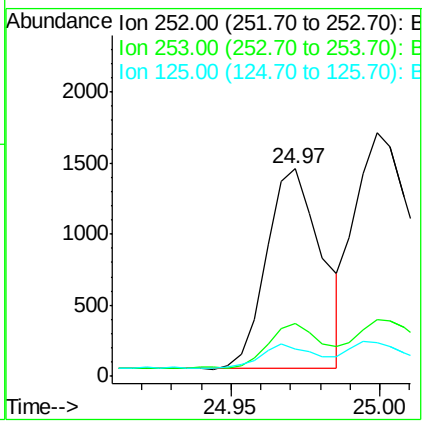


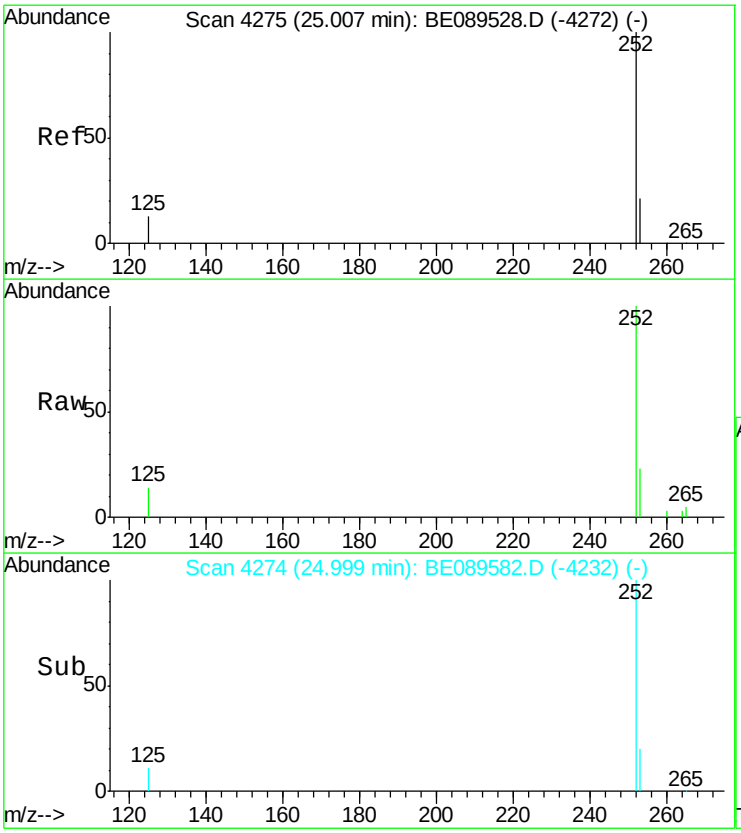
#23
Benzo(b)fluoranthene
Concen: 0.08 ng
RT: 24.97 min Scan# 4268
Delta R.T. -0.01 min
Lab File: BE089582.D
Acq: 8 Feb 2015 8:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 1808

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.4	26.0
125	13.2	10.4	15.6

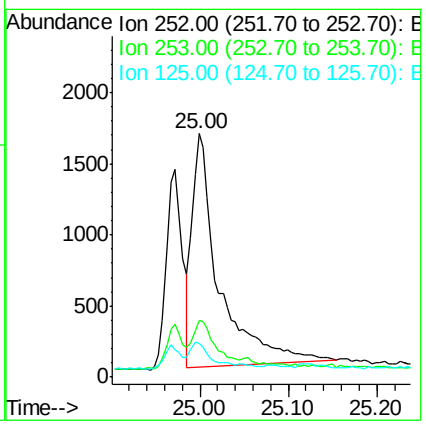


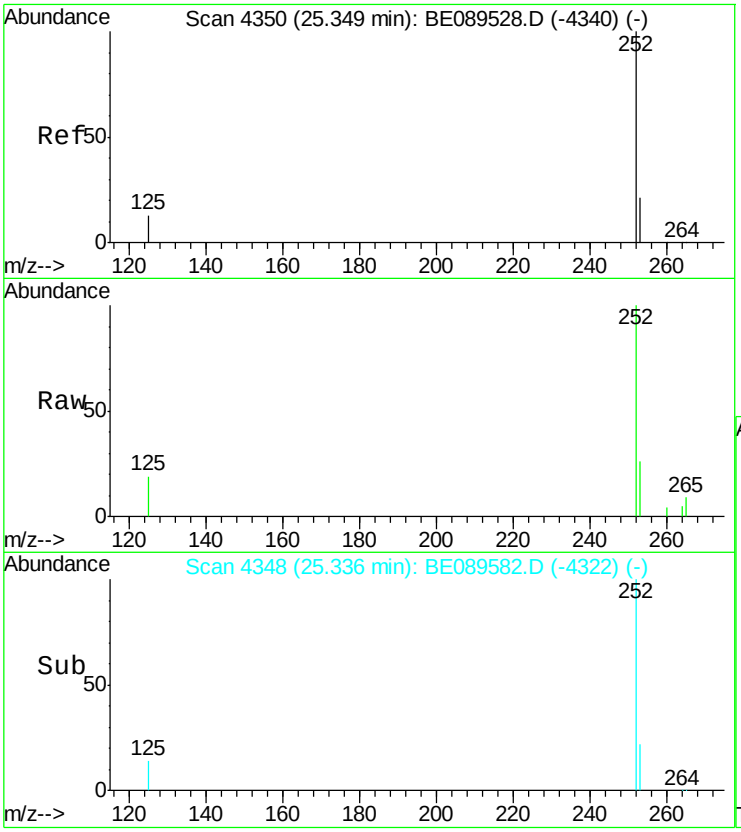


#24
Benzo(k)fluoranthene
Concen: 0.12 ng
RT: 25.00 min Scan# 4274
Delta R.T. -0.01 min
Lab File: BE089582.D
Acq: 8 Feb 2015 8:47

Tgt Ion:252 Resp: 3426

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.2	25.8
125	14.0	10.6	15.8



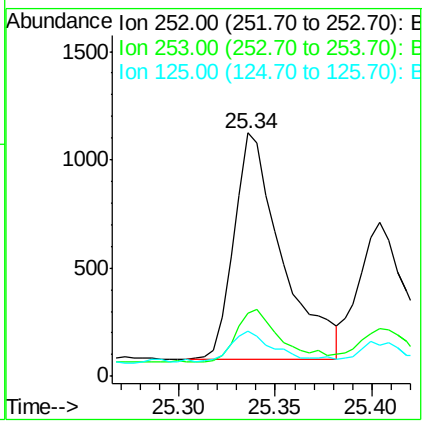


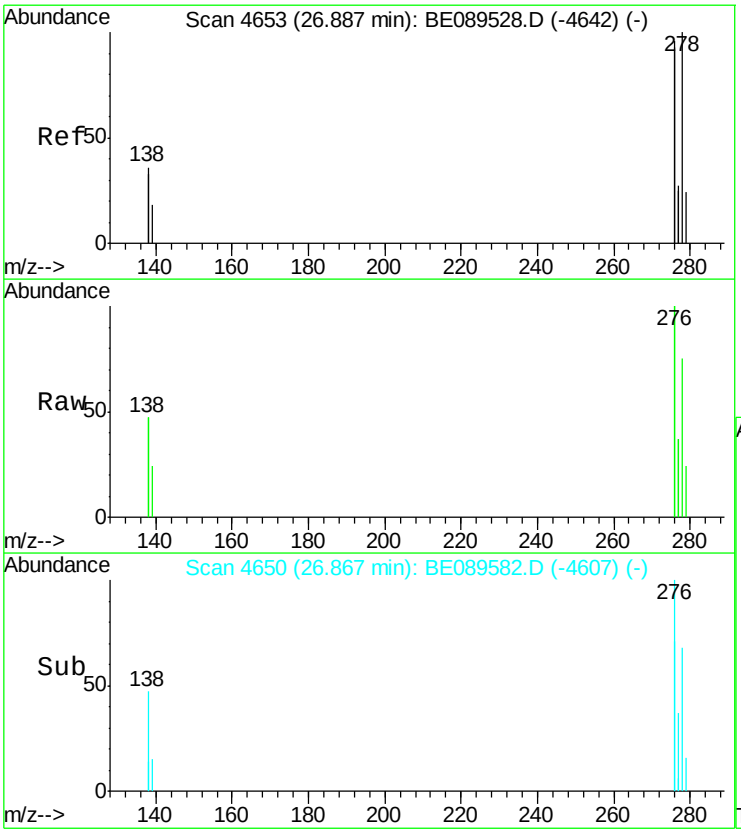
#25
Benzo(a)pyrene
Concen: 0.08 ng
RT: 25.34 min Scan# 4348
Delta R.T. -0.01 min
Lab File: BE089582.D
Acq: 8 Feb 2015 8:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 1808

Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.8	26.6
125	18.5	11.4	17.2#

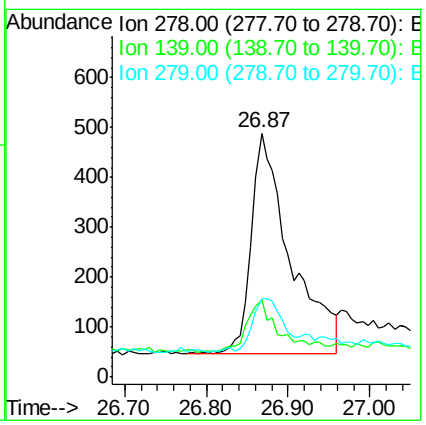


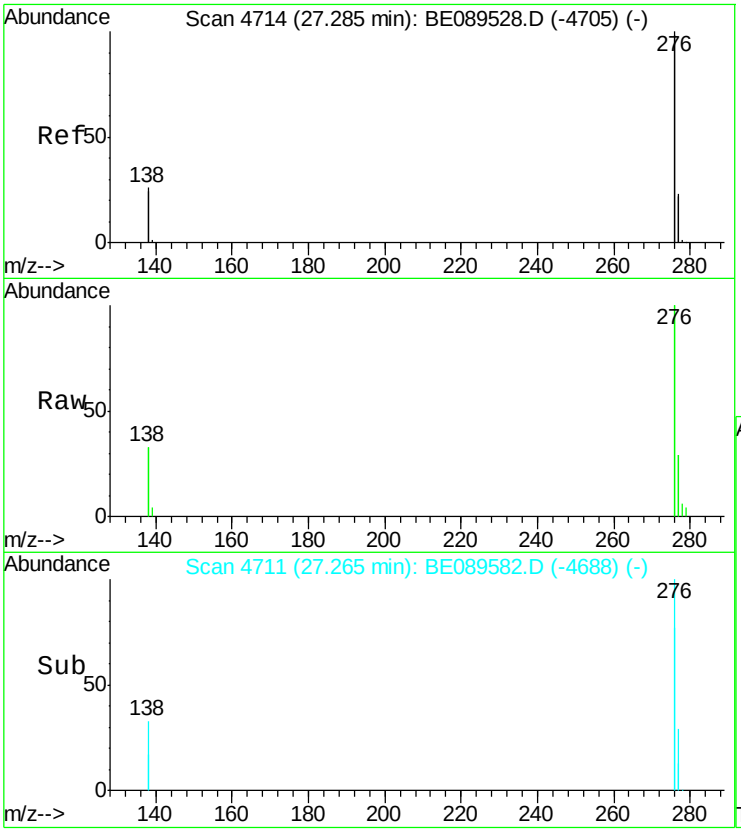


#26
Dibenzo(a,h)anthracene
Concen: 0.05 ng
RT: 26.87 min Scan# 4650
Delta R.T. -0.02 min
Lab File: BE089582.D
Acq: 8 Feb 2015 8:47

Tgt Ion:278 Resp: 1468

Ion	Ratio	Lower	Upper
278	100		
139	31.8	15.7	23.5#
279	32.4	19.5	29.3#





#27
Benzo(g,h,i)perylene
Concen: 0.09 ng
RT: 27.26 min Scan# 4711
Delta R.T. -0.02 min
Lab File: BE089582.D
Acq: 8 Feb 2015 8:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 9770

Ion	Ratio	Lower	Upper
276	100		
277	29.5	18.6	27.8#
138	32.5	20.9	31.3#