Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062615\
Data File : BE089976.D
Acq On : 27 Jun 2015 14:43
Operator : TP/IZ
Sample : G2782-26 2X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : X1SS0620204-150624

Quant Time: Jun 29 00:56:42 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 25 16:51:27 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	23404	5.00	ng		0.00
6) Naphthalene-d8	10.39	136	117691	5.00	ng		0.00
12) Acenaphthene-d10	14.24	164	71390	5.00	ng		0.00
18) Phenanthrene-d10	16.98	188	164163	5.00	ng		0.00
25) Chrysene-d12	21.14	240	181710	5.00	ng		0.00
32) Perylene-d12	23.47	264	169503	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.26	112	26015	6.16	ng		0.00
5) Phenol-d6	6.81	99	44941	6.94	ng		0.00
7) Nitrobenzene-d5	8.77	82	28038	3.20	ng		0.00
13) 2,4,6-Tribromophenol	15.74	330	8387	6.71	ng		0.00
14) 2-Fluorobiphenyl	12.86	172	66807	3.21	ng		0.00
27) Terphenyl-d14	19.60	244	95587	3.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	33	Below Cal		#	1
15) Acenaphthylene	13.95	152	10210	0.08	ng		99
16) Acenaphthene	14.30	154	498	0.03	ng		92
21) Pentachlorophenol	16.63	266	78	0.48	ng	#	74
22) Phenanthrene	17.01	178	14646	0.36	ng		99
23) Anthracene	17.01	178	14598	0.38	ng		98
24) Fluoranthene	19.02	202	61430	1.37	ng		100
26) Pyrene	19.38	202	60423	1.31	ng		96
28) Benzo(a)anthracene	21.12	228	44117	1.02	ng		98
29) Chrysene	21.17	228	49040	1.03	ng		97
30) Bis(2-ethylhexyl)phthalate	21.07	149	4323	1.17	ng		94
31) Indeno(1,2,3-cd)pyrene	25.88	276	31543	0.90	ng	#	100
33) Benzo(b)fluoranthene	22.76	252	67897	1.89	ng		96
34) Benzo(k)fluoranthene	22.76	252	67897	1.67	ng		98
35) Benzo(a)pyrene	23.36	252	43377	1.36	ng		98
36) Dibenzo(a,h)anthracene	25.90	278	7477	0.25	ng	#	89
37) Benzo(g,h,i)perylene	26.62	276	34680	1.09	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062615\
Data File : BE089976.D
Acq On : 27 Jun 2015 14:43
Operator : TP/IZ
Sample : G2782-26 2X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_E
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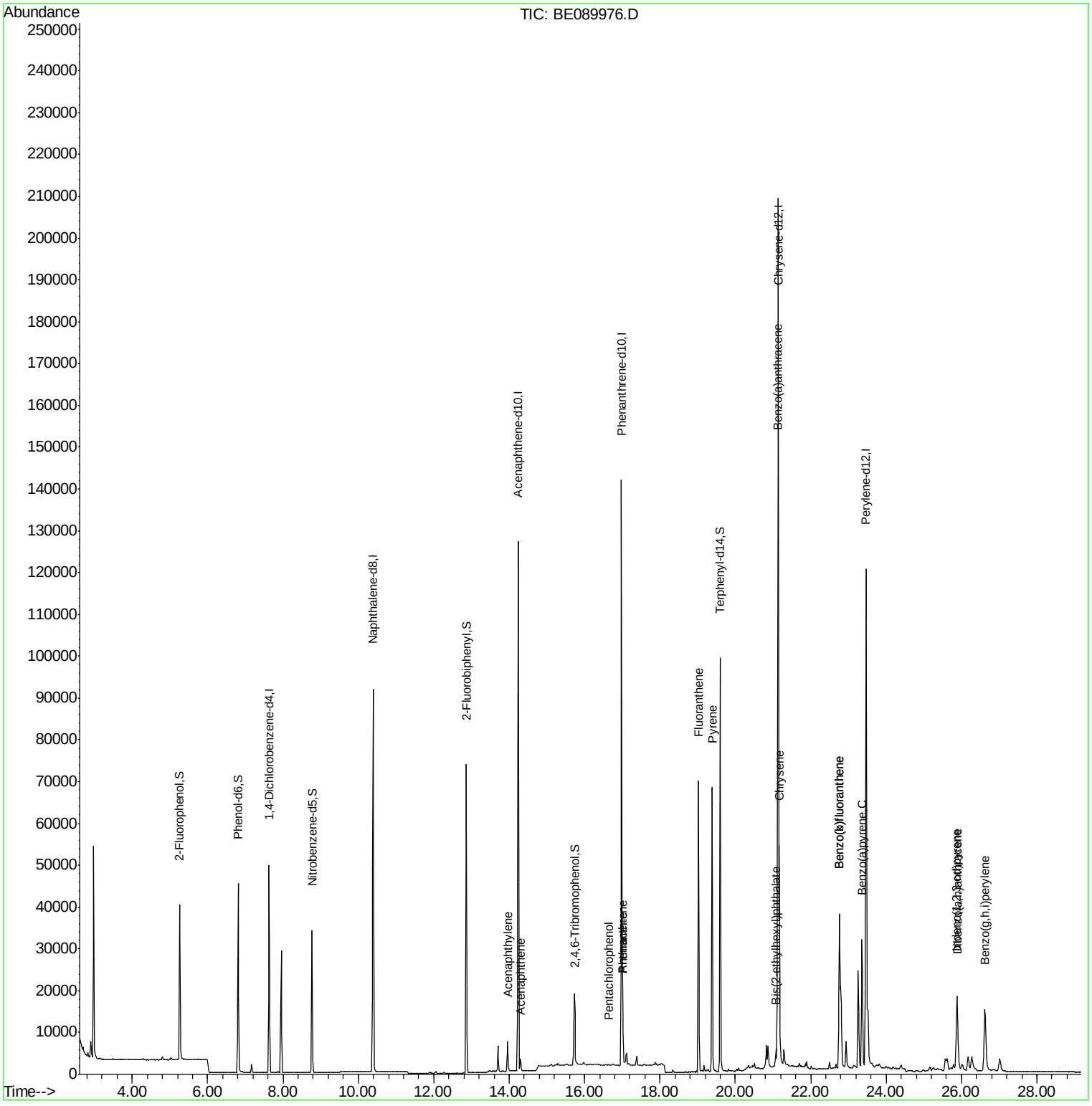
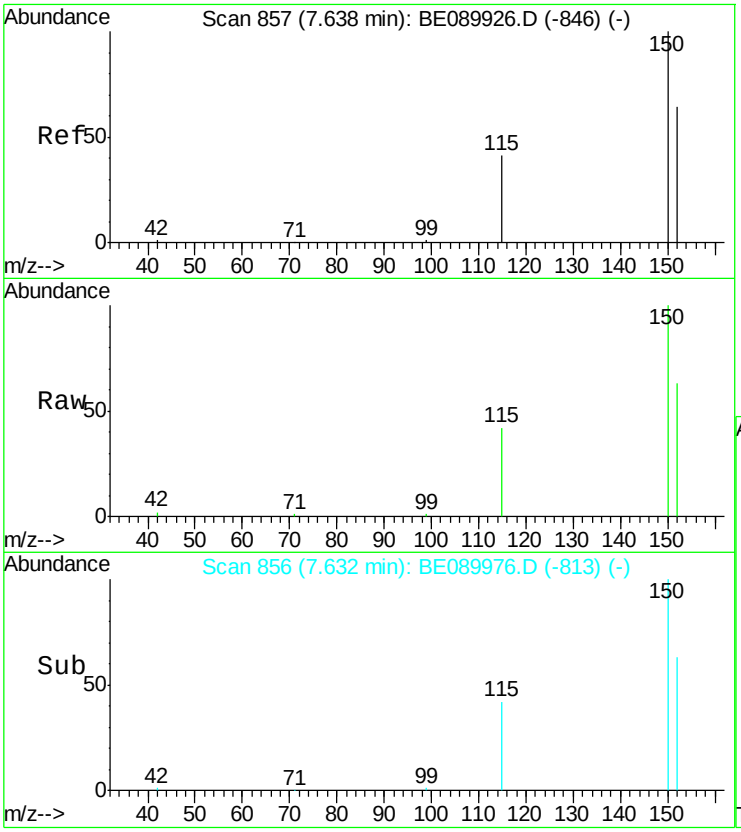
X1SS0620204-150624

Quant Time: Jun 29 00:56:42 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 25 16:51:27 2015
Response via : Initial Calibration



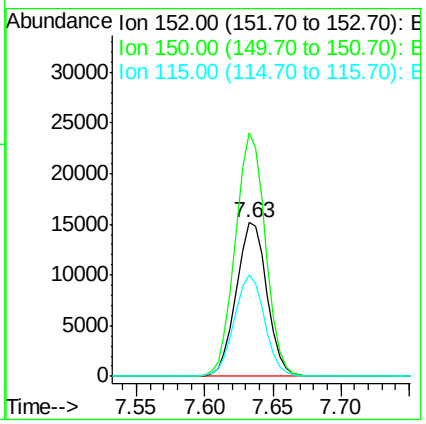


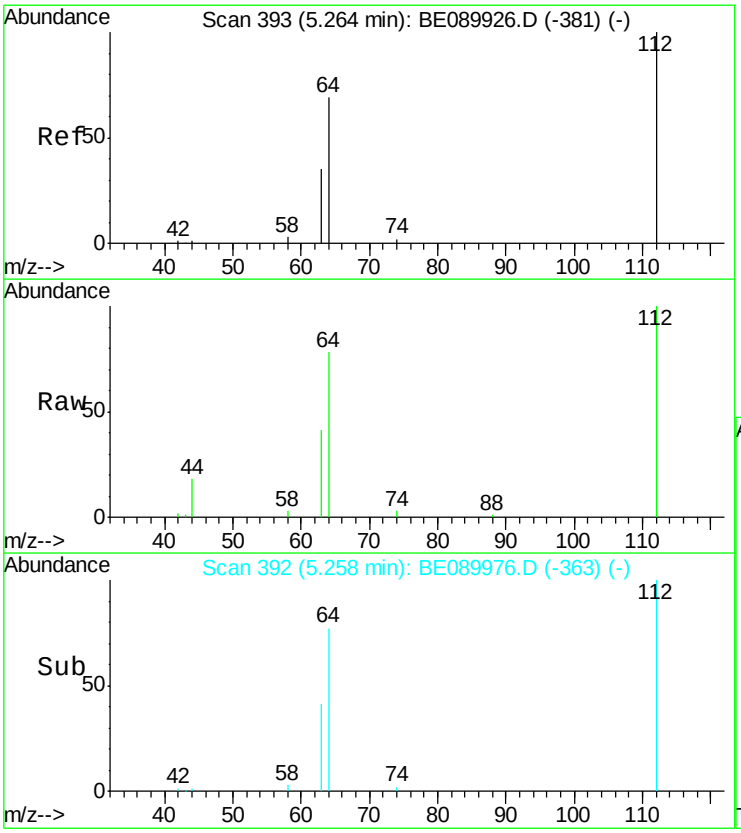
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.63 min Scan# 856
Delta R.T. -0.01 min
Lab File: BE089976.D
Acq: 27 Jun 2015 14:43

Instrument :
BNA_E
ClientSampleId :
X1SS0620204-150624

Tgt Ion:152 Resp: 23404

Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.6	186.8
115	66.3	51.6	77.4

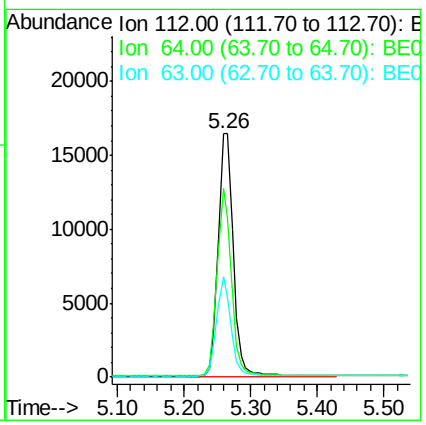


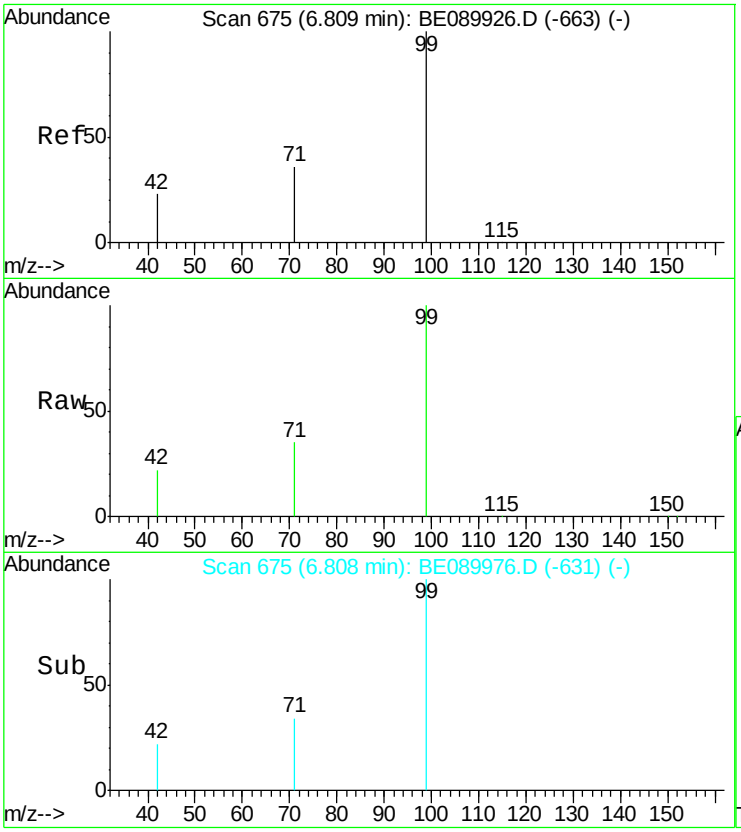


#4
2-Fluorophenol
Concen: 6.16 ng
RT: 5.26 min Scan# 392
Delta R.T. -0.01 min
Lab File: BE089976.D
Acq: 27 Jun 2015 14:43

Tgt Ion:112 Resp: 26015

Ion	Ratio	Lower	Upper
112	100		
64	72.5	57.4	86.2
63	38.0	31.2	46.8



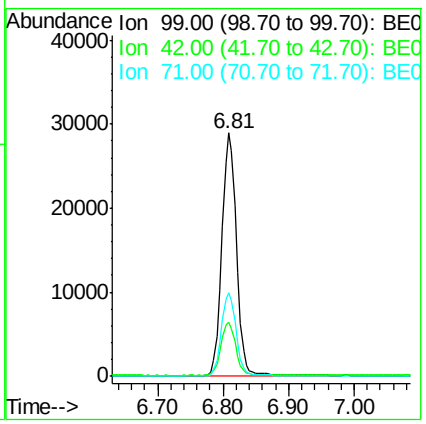


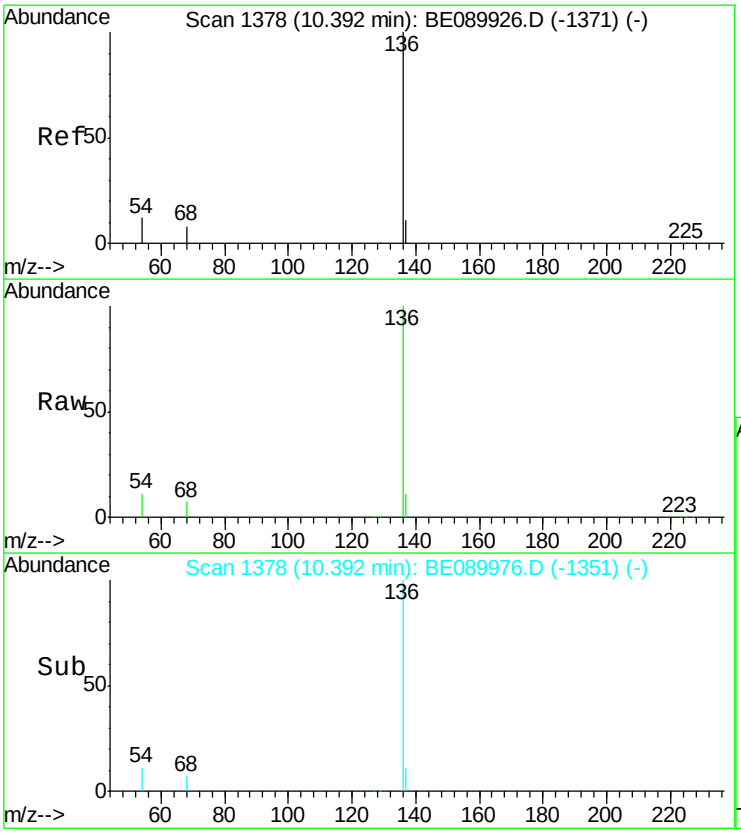
#5
Phenol-d6
Concen: 6.94 ng
RT: 6.81 min Scan# 675
Delta R.T. -0.00 min
Lab File: BE089976.D
Acq: 27 Jun 2015 14:43

Instrument :
BNA_E
ClientSampleId :
X1SS0620204-150624

Tgt Ion: 99 Resp: 44941

Ion	Ratio	Lower	Upper
99	100		
42	22.2	19.5	29.3
71	34.4	27.8	41.6

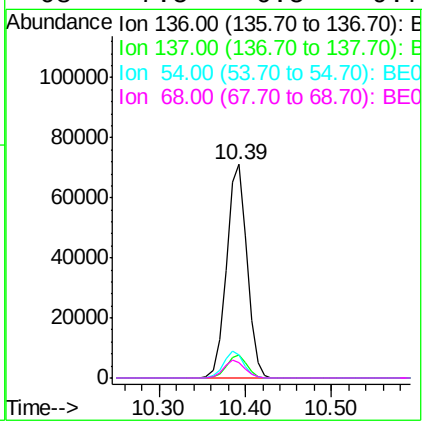


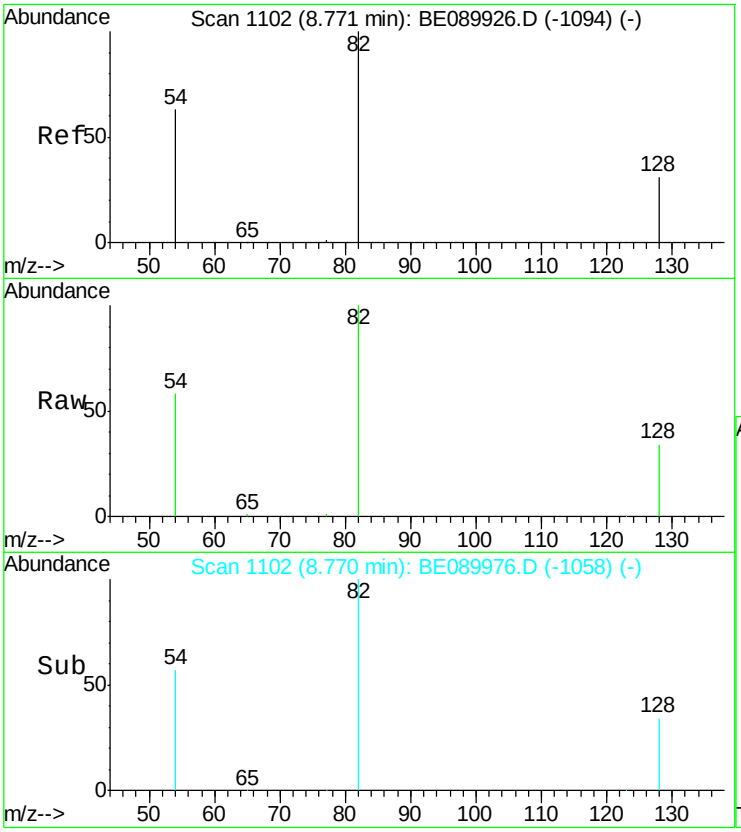


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BE089976.D
Acq: 27 Jun 2015 14:43

Tgt Ion:136 Resp: 117691

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	10.8	9.7	14.5
68	7.5	6.5	9.7



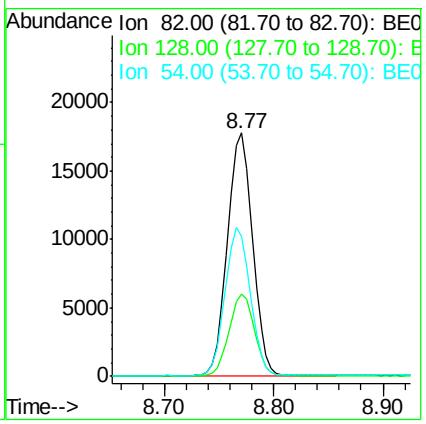


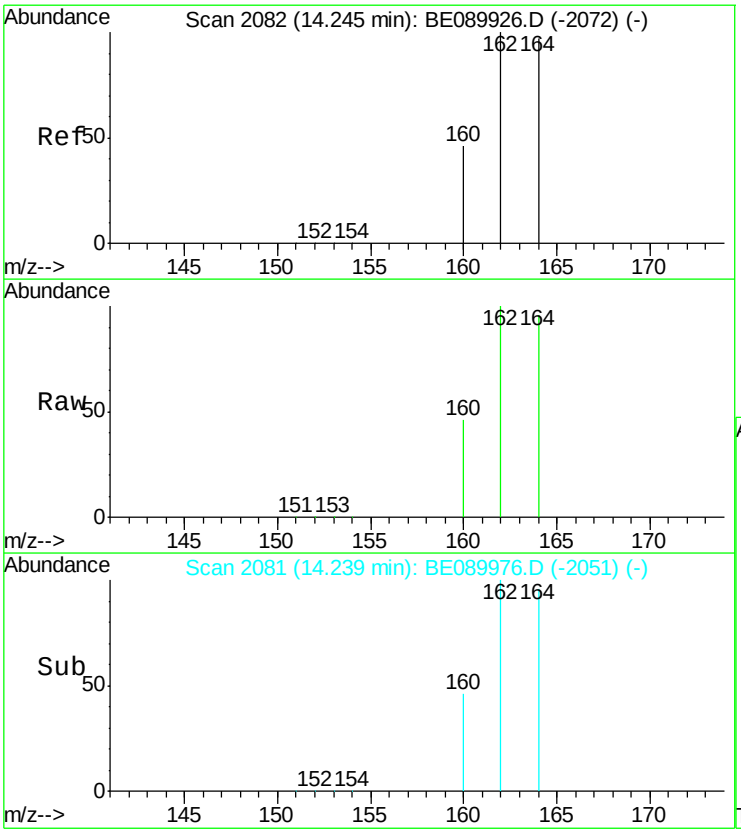
#7
Nitrobenzene-d5
Concen: 3.20 ng
RT: 8.77 min Scan# 1102
Delta R.T. -0.00 min
Lab File: BE089976.D
Acq: 27 Jun 2015 14:43

Instrument :
BNA_E
ClientSampleId :
X1SS0620204-150624

Tgt Ion: 82 Resp: 28038

Ion	Ratio	Lower	Upper
82	100		
128	33.9	25.6	38.4
54	57.6	51.2	76.8

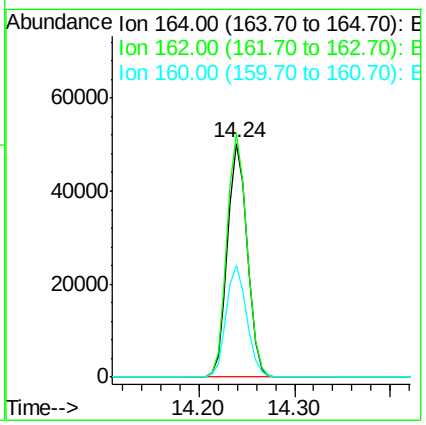


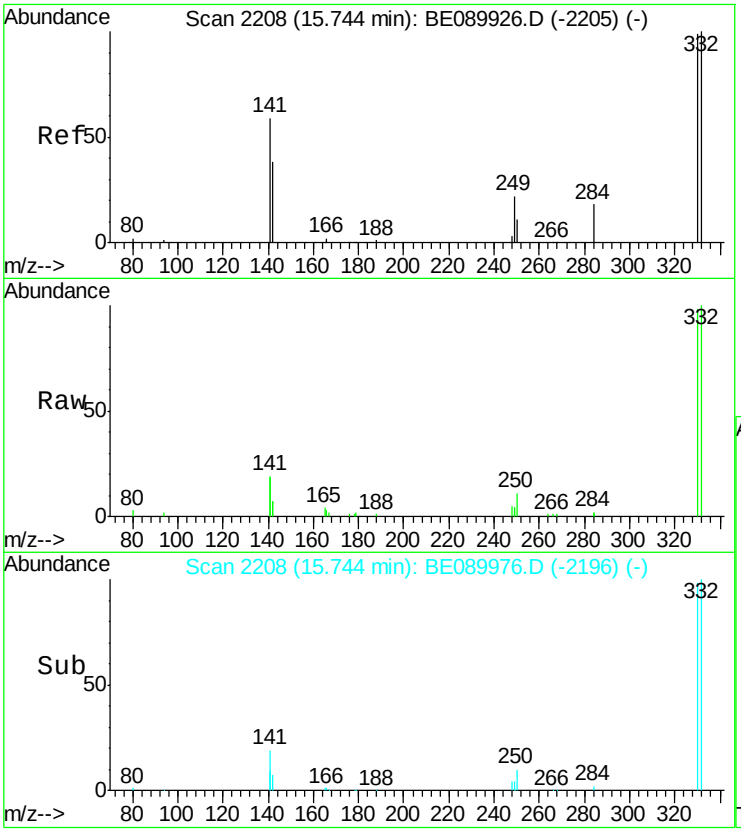


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.24 min Scan# 2081
Delta R.T. -0.01 min
Lab File: BE089976.D
Acq: 27 Jun 2015 14:43

Tgt Ion:164 Resp: 71390

Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.7	124.1
160	47.7	38.3	57.5



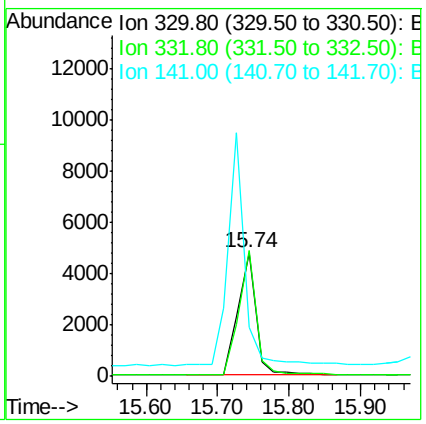


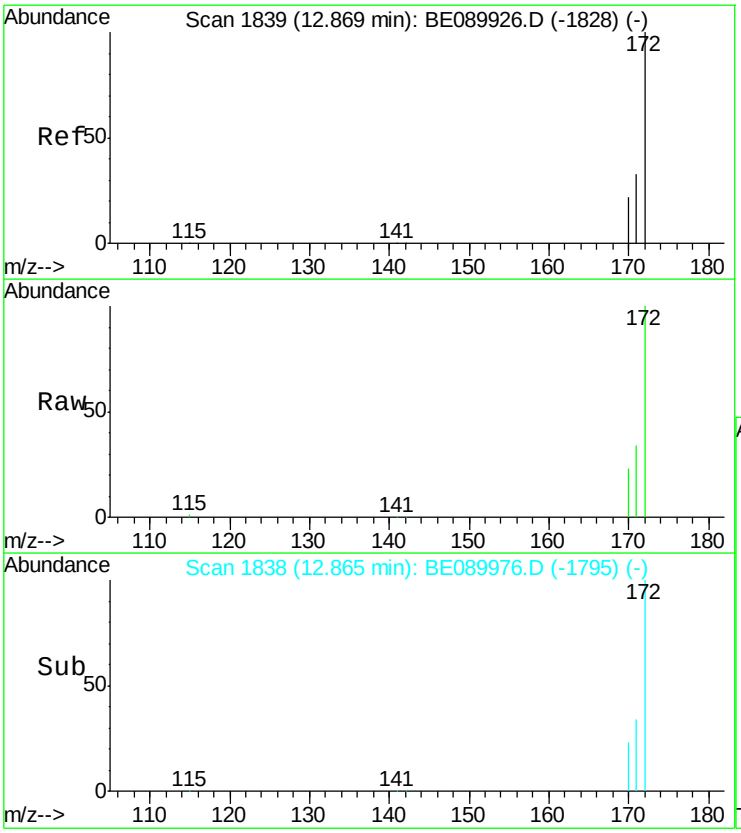
#13
2,4,6-Tribromophenol
Concen: 6.71 ng
RT: 15.74 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BE089976.D
Acq: 27 Jun 2015 14:43

Instrument :
BNA_E
ClientSampleId :
X1SS0620204-150624

Tgt Ion:330 Resp: 8387

Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.9	116.9
141	176.2	142.8	214.2

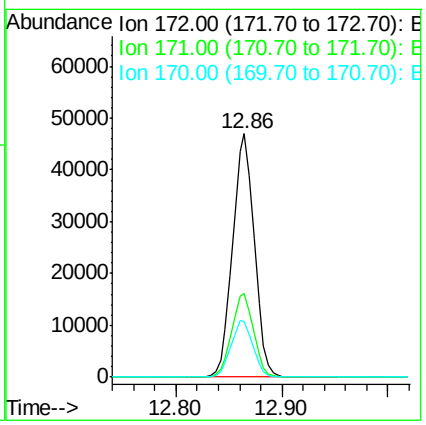


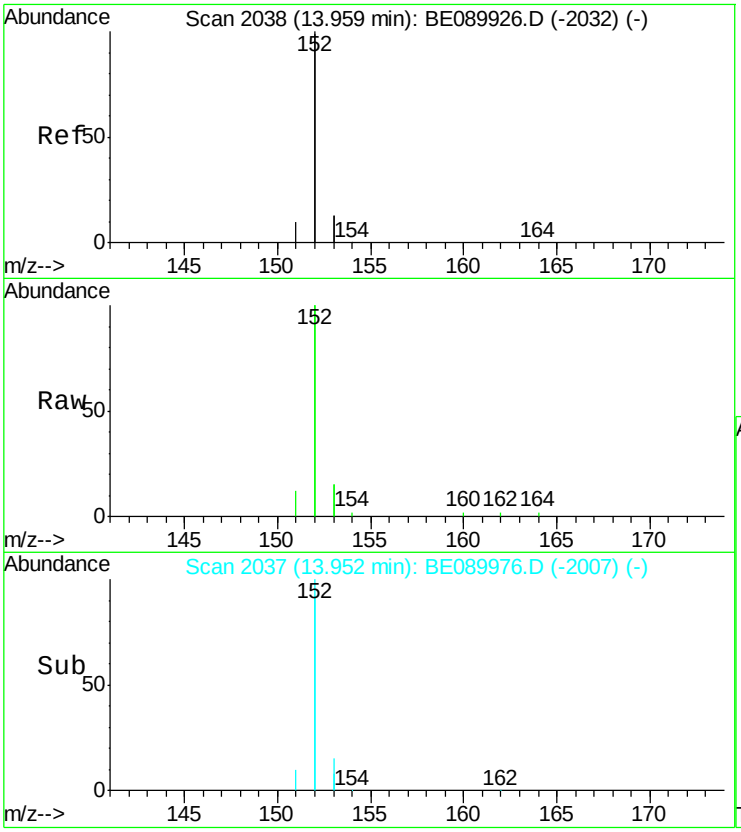


#14
2-Fluorobiphenyl
Concen: 3.21 ng
RT: 12.86 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BE089976.D
Acq: 27 Jun 2015 14:43

Tgt Ion:172 Resp: 66807

Ion	Ratio	Lower	Upper
172	100		
171	34.2	26.7	40.1
170	22.6	17.5	26.3



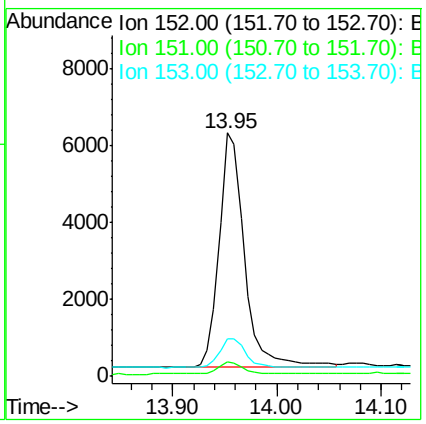


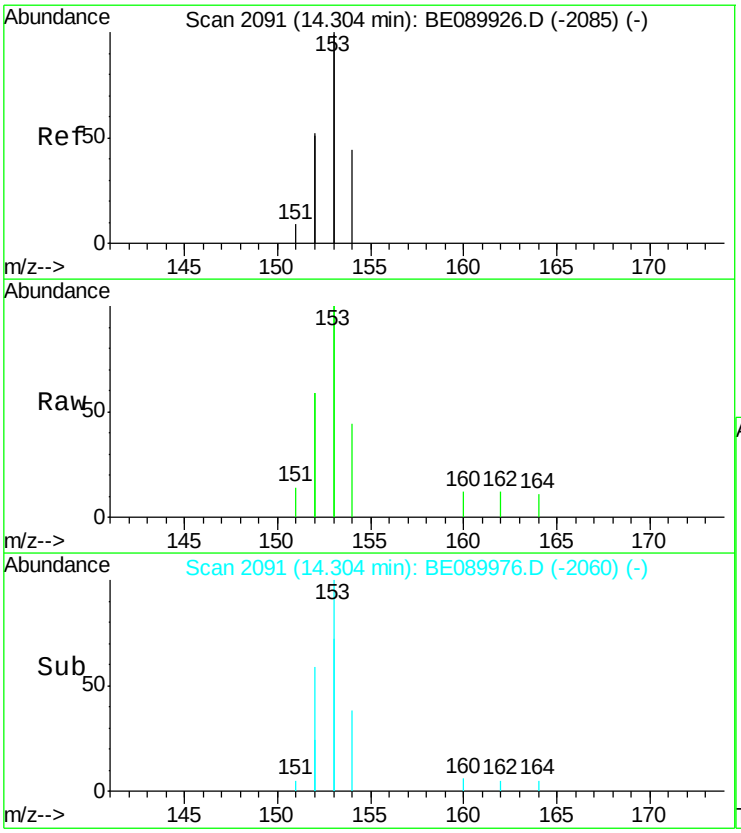
#15
Acenaphthylene
Concen: 0.08 ng
RT: 13.95 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BE089976.D
Acq: 27 Jun 2015 14:43

Instrument :
BNA_E
ClientSampleId :
X1SS0620204-150624

Tgt Ion:152 Resp: 10210

Ion	Ratio	Lower	Upper
152	100		
151	4.8	3.9	5.9
153	12.6	10.4	15.6

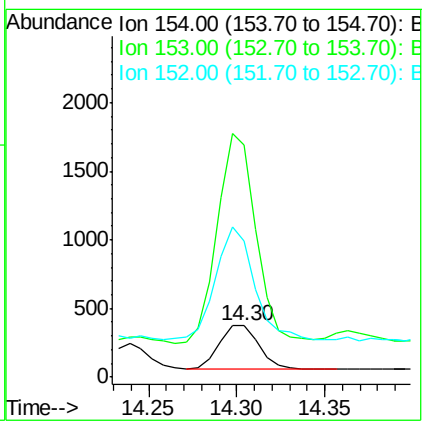


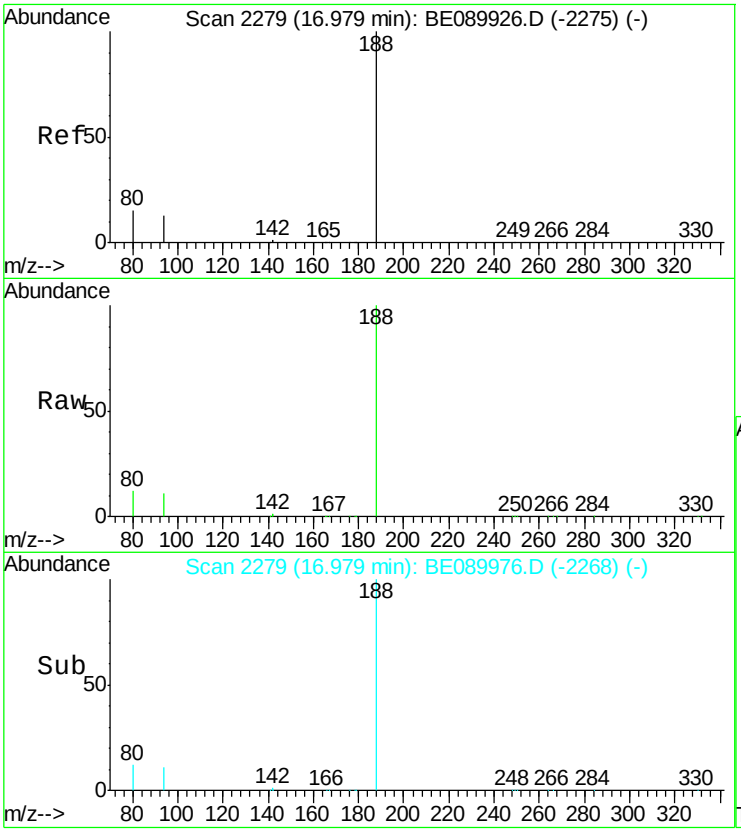


#16
Acenaphthene
Concen: 0.03 ng
RT: 14.30 min Scan# 2091
Delta R.T. 0.00 min
Lab File: BE089976.D
Acq: 27 Jun 2015 14:43

Tgt Ion:154 Resp: 498

Ion	Ratio	Lower	Upper
154	100		
153	471.9	362.8	544.2
152	258.0	194.6	291.8



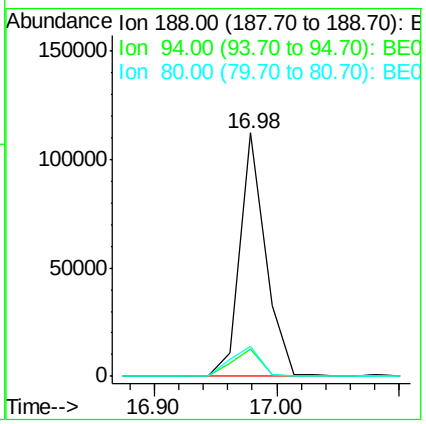


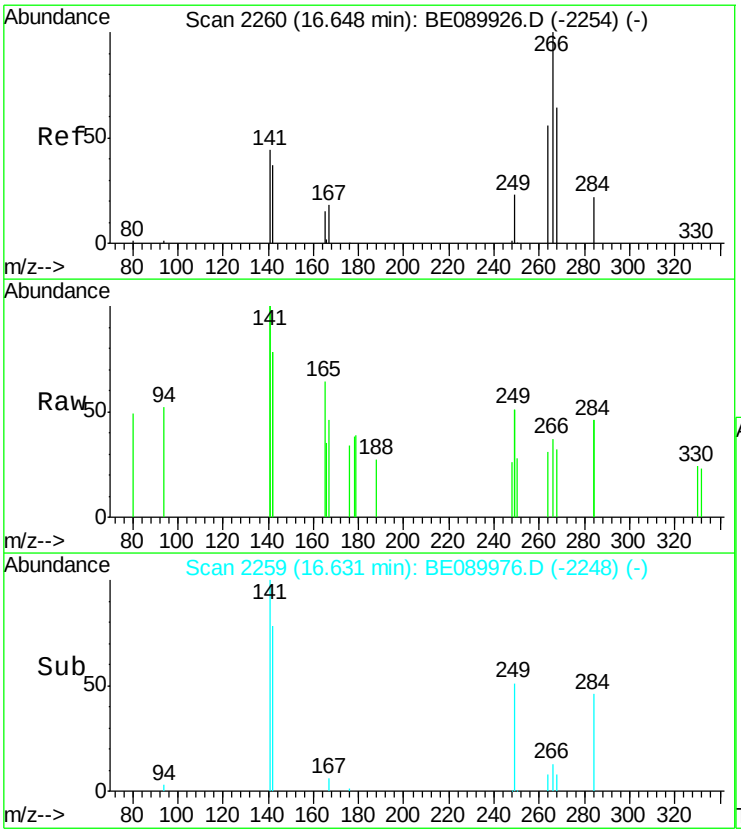
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.98 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BE089976.D
Acq: 27 Jun 2015 14:43

Instrument :
BNA_E
ClientSampleId :
X1SS0620204-150624

Tgt Ion:188 Resp: 164163

Ion	Ratio	Lower	Upper
188	100		
94	11.2	10.6	16.0
80	12.4	11.8	17.6

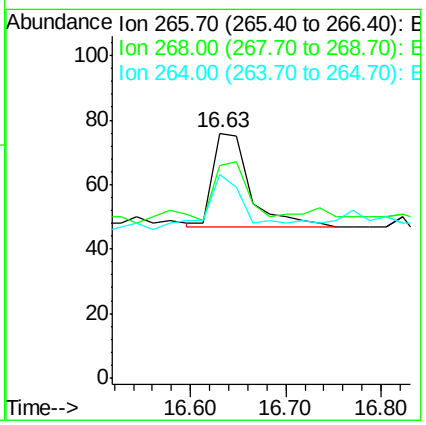


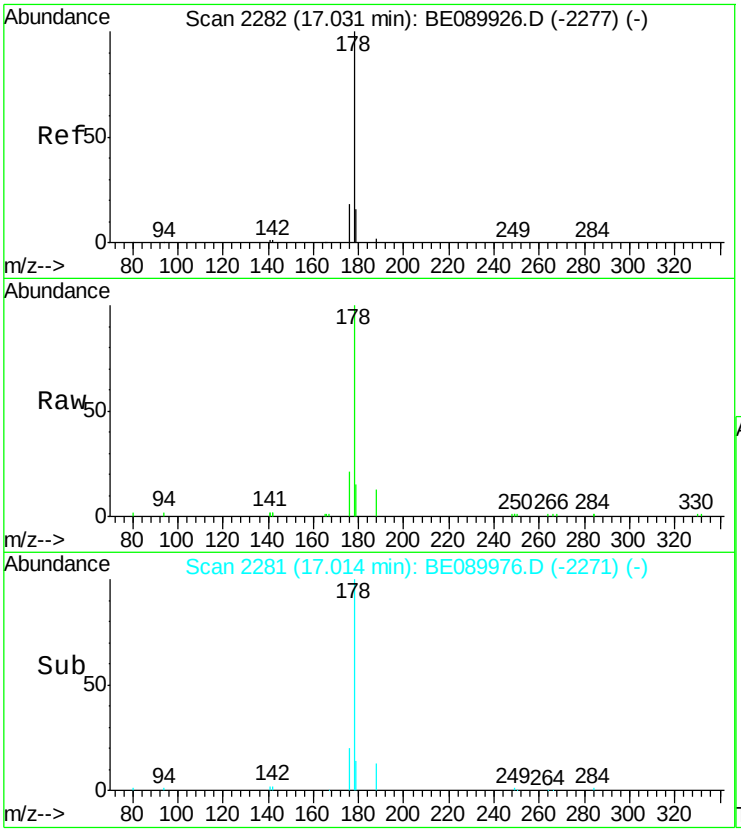


#21
Pentachlorophenol
Concen: 0.48 ng
RT: 16.63 min Scan# 2259
Delta R.T. -0.02 min
Lab File: BE089976.D
Acq: 27 Jun 2015 14:43

Tgt Ion:266 Resp: 78

Ion	Ratio	Lower	Upper
266	100		
268	86.8	54.4	81.6#
264	82.9	48.2	72.2#



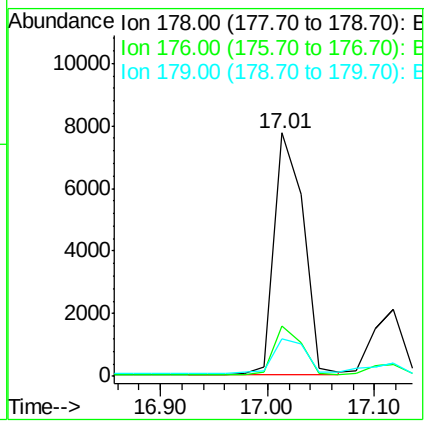


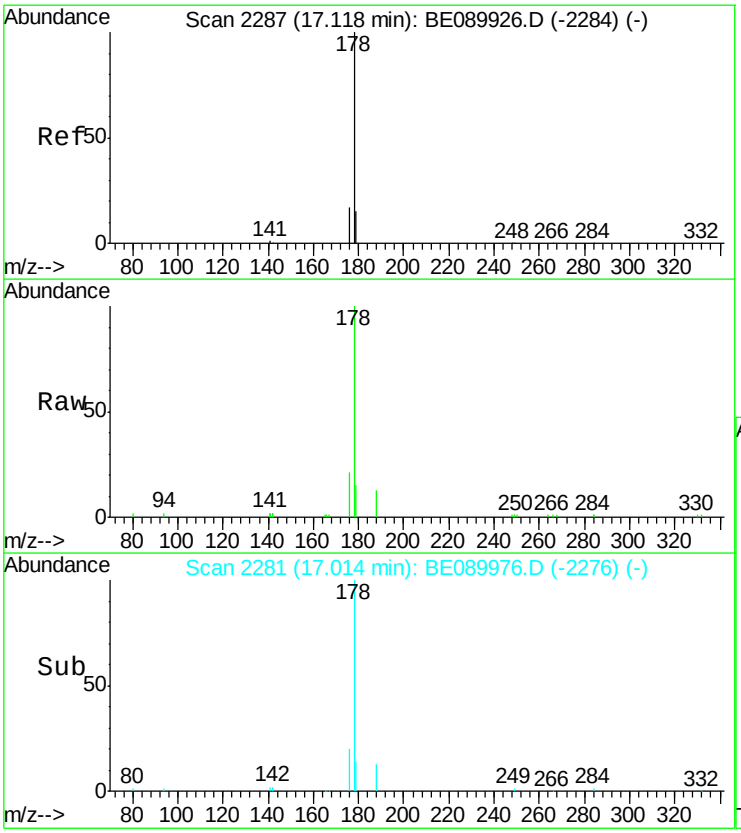
#22
Phenanthrene
Concen: 0.36 ng
RT: 17.01 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BE089976.D
Acq: 27 Jun 2015 14:43

Instrument :
BNA_E
ClientSampleId :
X1SS0620204-150624

Tgt Ion:178 Resp: 14646

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	16.5	12.6	19.0

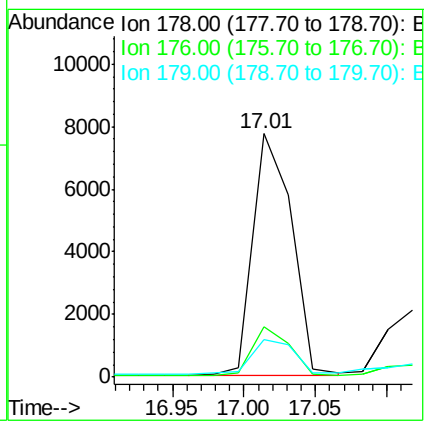


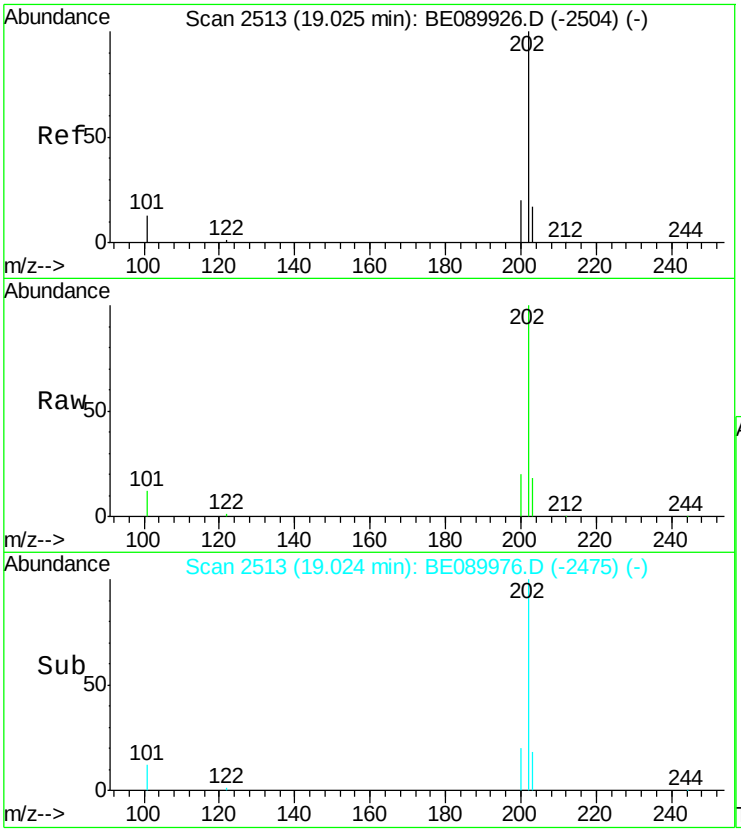


#23
Anthracene
Concen: 0.38 ng
RT: 17.01 min Scan# 2281
Delta R.T. -0.10 min
Lab File: BE089976.D
Acq: 27 Jun 2015 14:43

Tgt Ion:178 Resp: 14598

Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.6	21.8
179	16.3	12.3	18.5



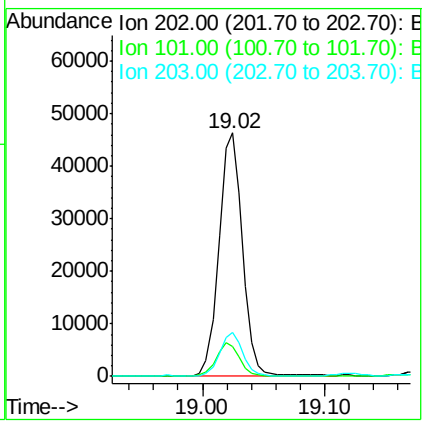


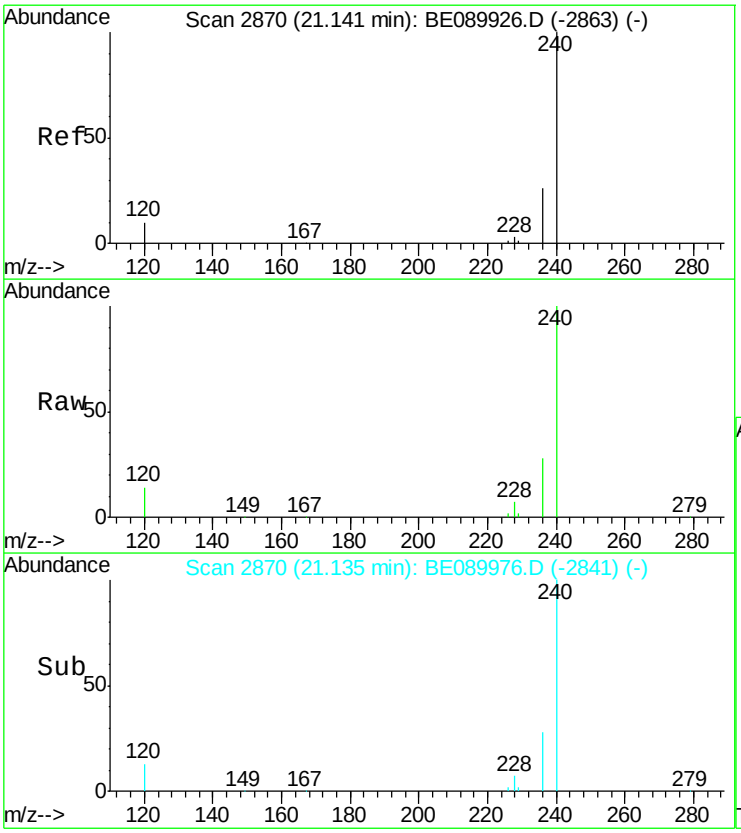
#24
Fluoranthene
Concen: 1.37 ng
RT: 19.02 min Scan# 2513
Delta R.T. -0.00 min
Lab File: BE089976.D
Acq: 27 Jun 2015 14:43

Instrument :
BNA_E
ClientSampleId :
X1SS0620204-150624

Tgt Ion:202 Resp: 61430

Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.6	16.0
203	17.4	13.8	20.8

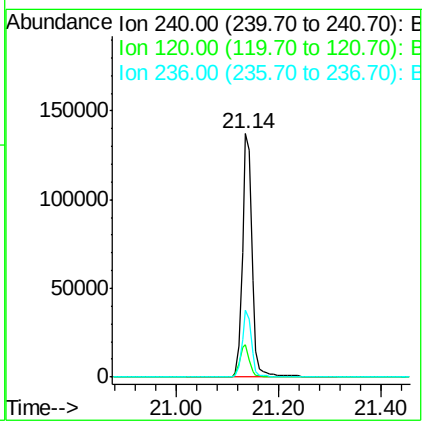


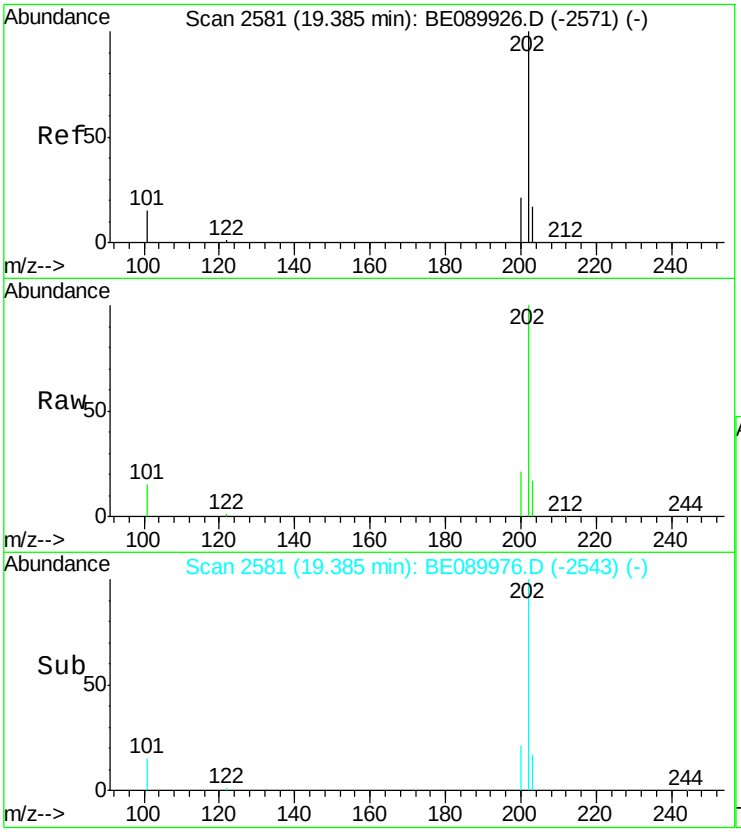


#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.14 min Scan# 2870
Delta R.T. -0.01 min
Lab File: BE089976.D
Acq: 27 Jun 2015 14:43

Tgt Ion:240 Resp: 181710

Ion	Ratio	Lower	Upper
240	100		
120	13.6	7.9	11.9#
236	27.7	21.2	31.8



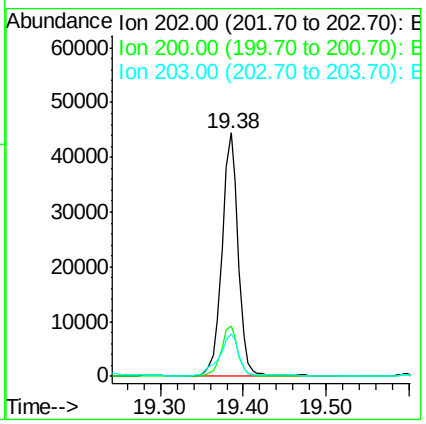


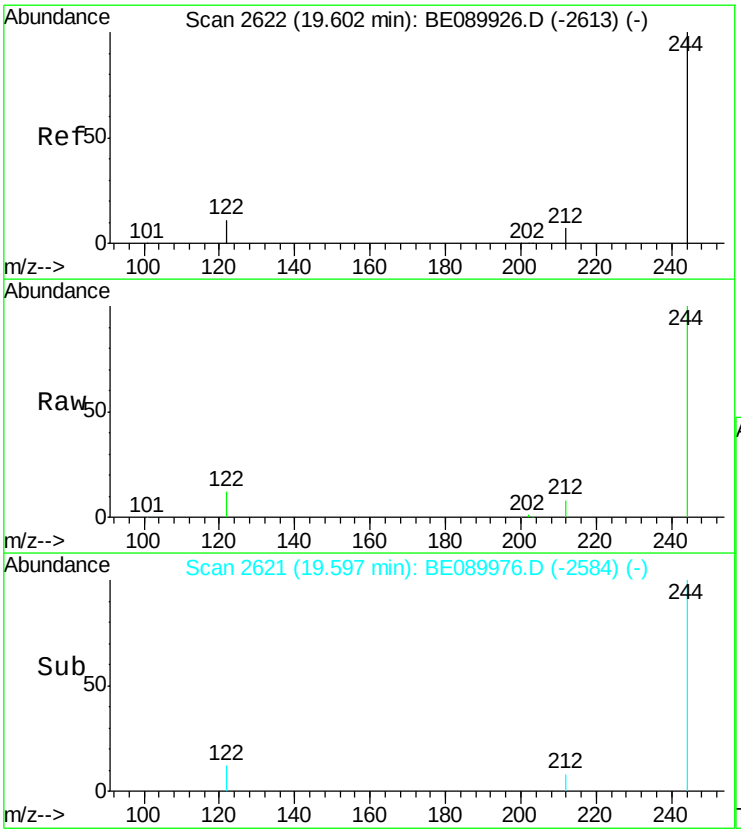
#26
Pyrene
Concen: 1.31 ng
RT: 19.38 min Scan# 2581
Delta R.T. -0.00 min
Lab File: BE089976.D
Acq: 27 Jun 2015 14:43

Instrument :
BNA_E
ClientSampleId :
X1SS0620204-150624

Tgt Ion:202 Resp: 60423

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	25.0
203	20.6	13.9	20.9

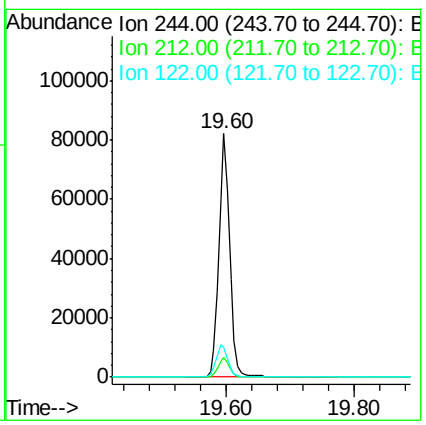


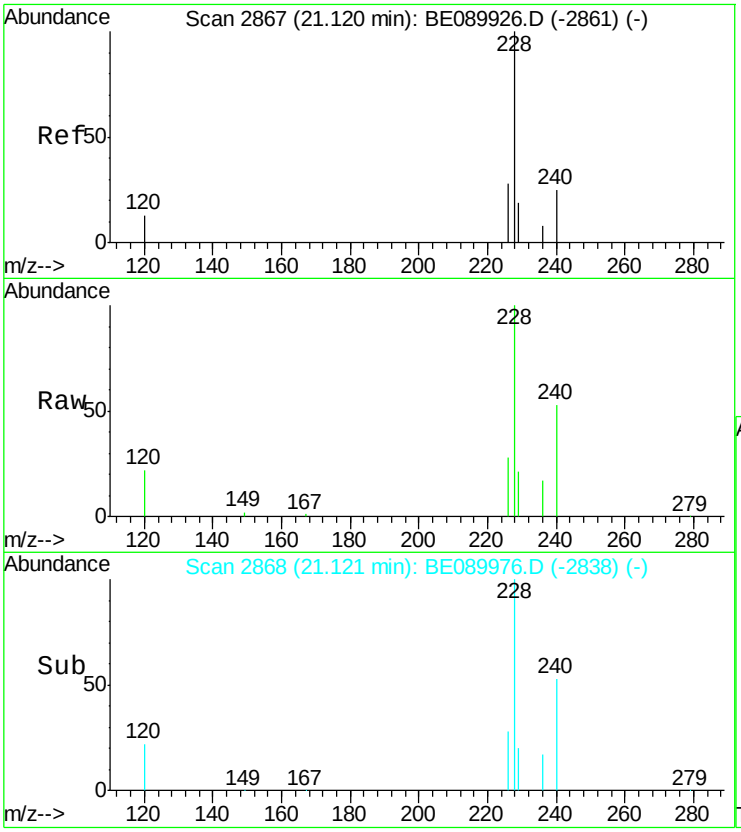


#27
Terphenyl-d14
Concen: 3.05 ng
RT: 19.60 min Scan# 2621
Delta R.T. -0.01 min
Lab File: BE089976.D
Acq: 27 Jun 2015 14:43

Tgt Ion:244 Resp: 95587

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.1	9.1
122	12.1	8.7	13.1



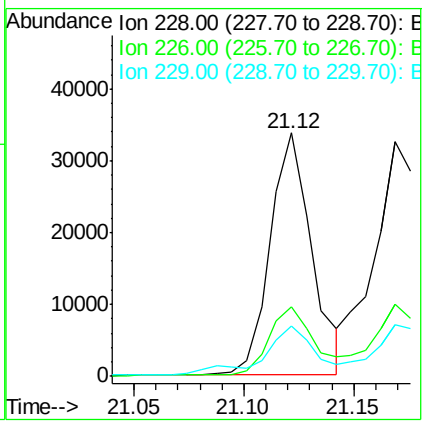


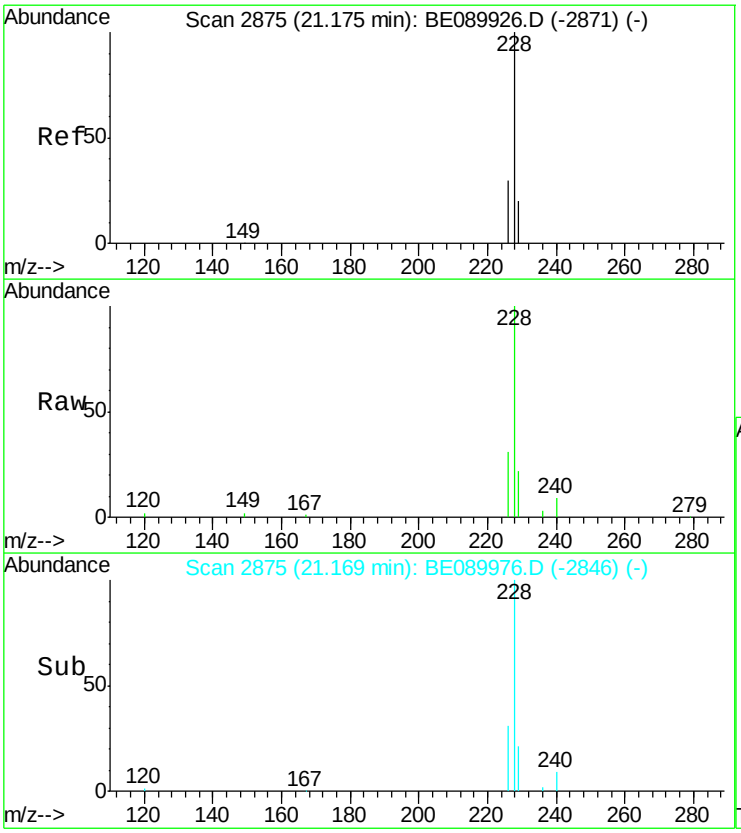
#28
Benzo(a)anthracene
Concen: 1.02 ng
RT: 21.12 min Scan# 2868
Delta R.T. 0.00 min
Lab File: BE089976.D
Acq: 27 Jun 2015 14:43

Instrument :
BNA_E
ClientSampleId :
X1SS0620204-150624

Tgt Ion:228 Resp: 44117

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.2	33.4
229	20.7	15.3	22.9

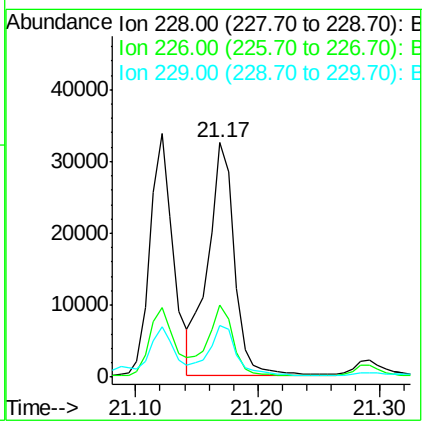


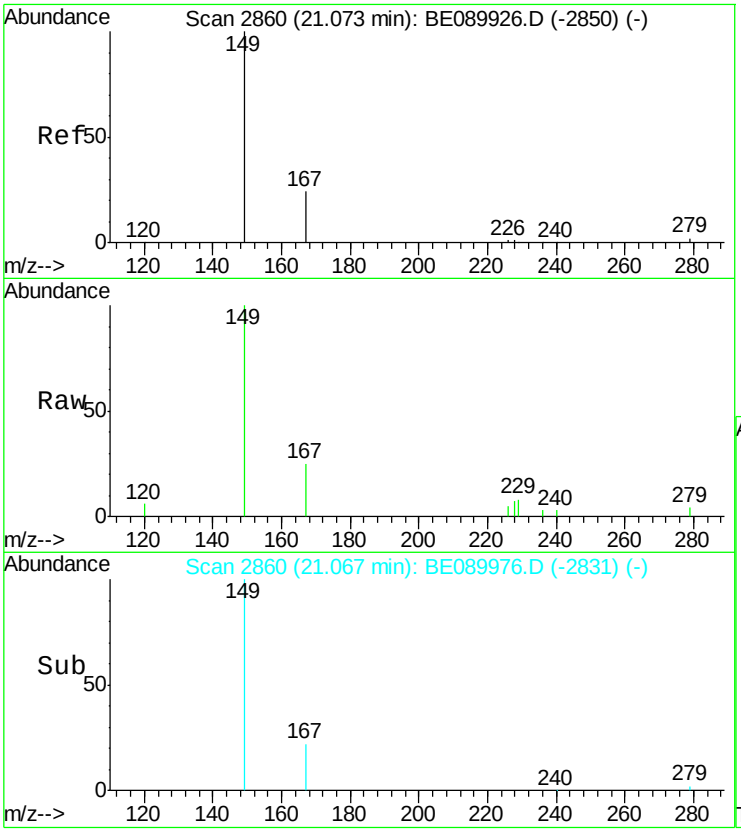


#29
Chrysene
Concen: 1.03 ng
RT: 21.17 min Scan# 2875
Delta R.T. -0.01 min
Lab File: BE089976.D
Acq: 27 Jun 2015 14:43

Tgt Ion:228 Resp: 49040

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.7	35.5
229	21.9	15.8	23.8



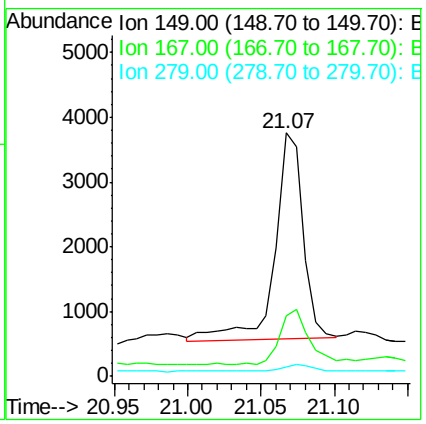


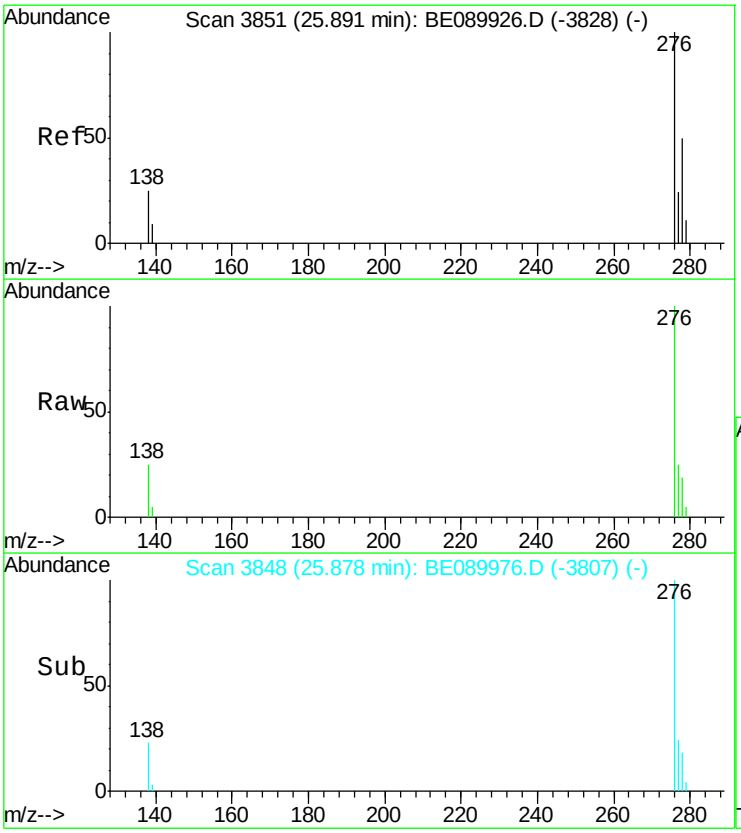
#30
Bis(2-ethylhexyl)phthalate
Concen: 1.17 ng
RT: 21.07 min Scan# 2860
Delta R.T. -0.00 min
Lab File: BE089976.D
Acq: 27 Jun 2015 14:43

Instrument :
BNA_E
ClientSampleId :
X1SS0620204-150624

Tgt Ion:149 Resp: 4323

Ion	Ratio	Lower	Upper
149	100		
167	28.9	20.3	30.5
279	3.7	2.7	4.1

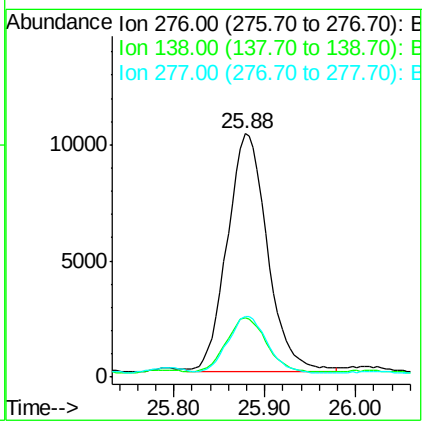


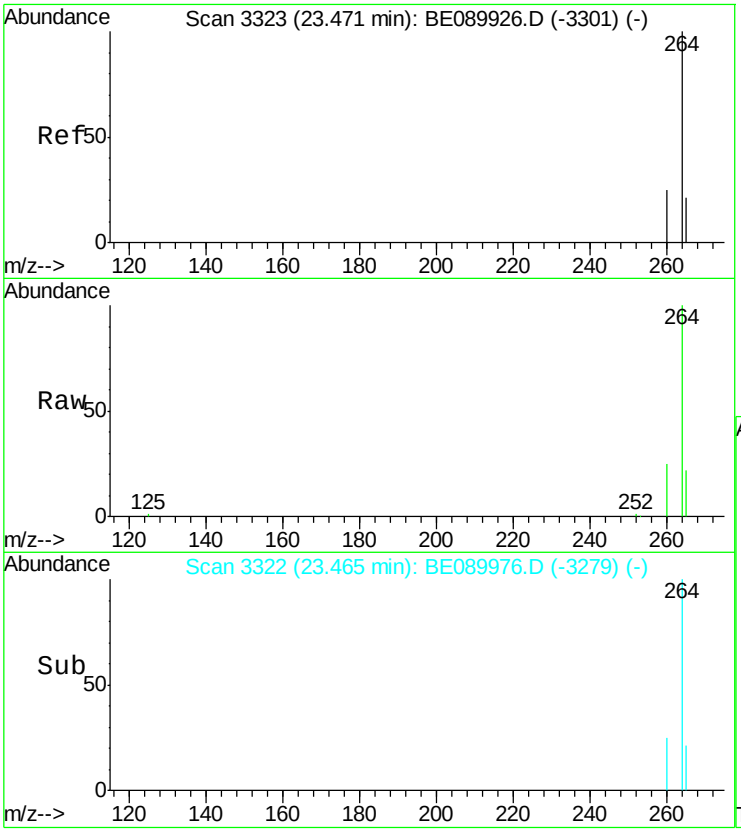


#31
Indeno(1,2,3-cd)pyrene
Concen: 0.90 ng
RT: 25.88 min Scan# 3848
Delta R.T. -0.01 min
Lab File: BE089976.D
Acq: 27 Jun 2015 14:43

Tgt Ion:276 Resp: 31543

Ion	Ratio	Lower	Upper
276	100		
138	22.8	0.0	0.0#
277	23.3	0.0	0.0#



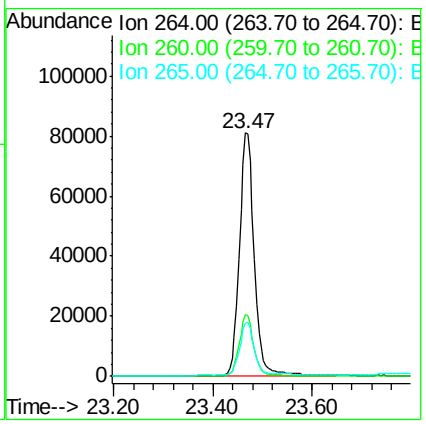


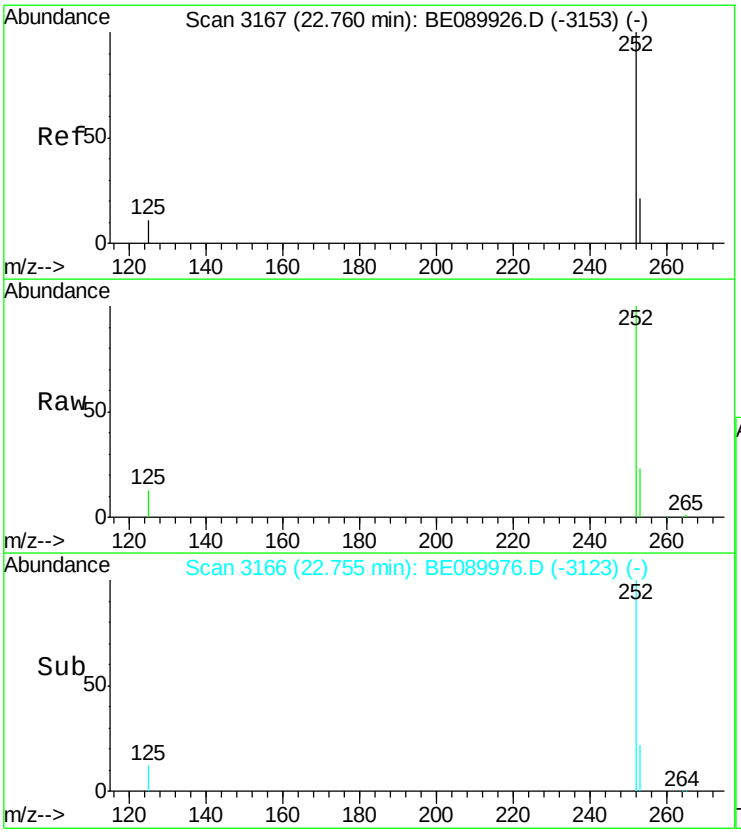
#32
Perylene-d12
Concen: 5.00 ng
RT: 23.47 min Scan# 3322
Delta R.T. -0.01 min
Lab File: BE089976.D
Acq: 27 Jun 2015 14:43

Instrument :
BNA_E
ClientSampleId :
X1SS0620204-150624

Tgt Ion:264 Resp: 169503

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.8	29.6
265	21.7	17.3	25.9

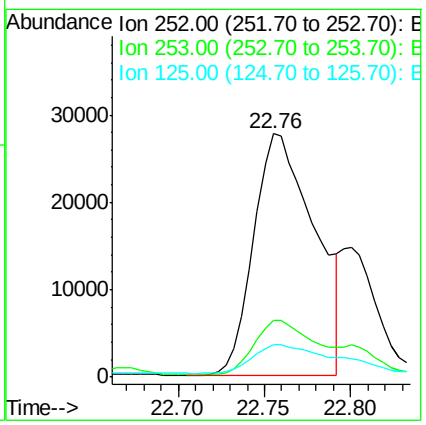


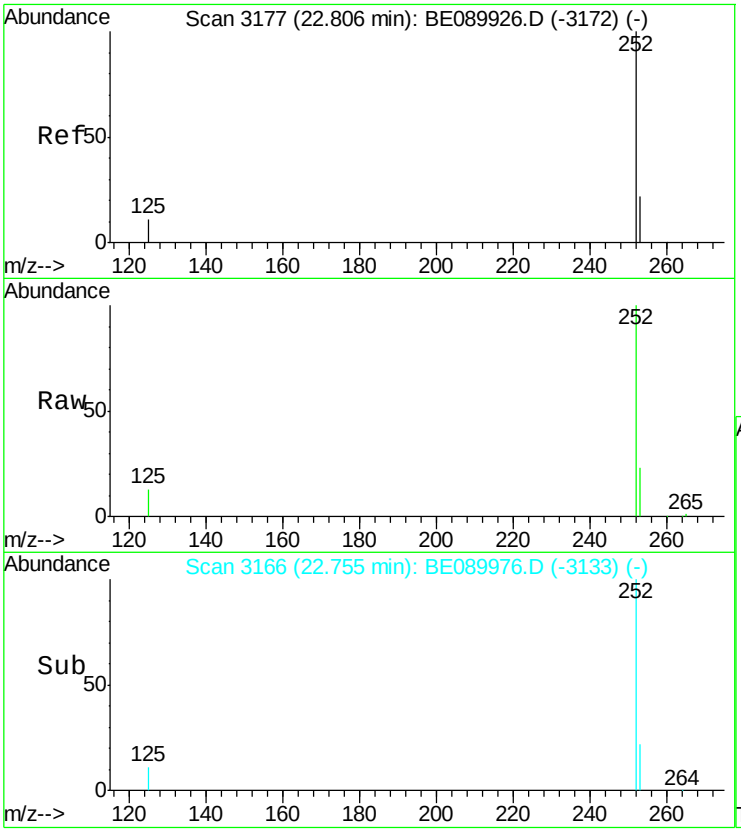


#33
Benzo(b)fluoranthene
Concen: 1.89 ng
RT: 22.76 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BE089976.D
Acq: 27 Jun 2015 14:43

Tgt Ion:252 Resp: 67897

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.3	25.9
125	13.2	9.3	13.9



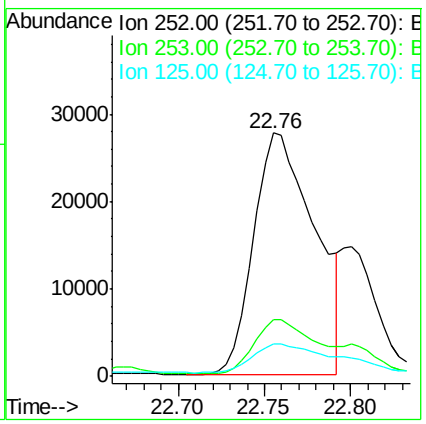


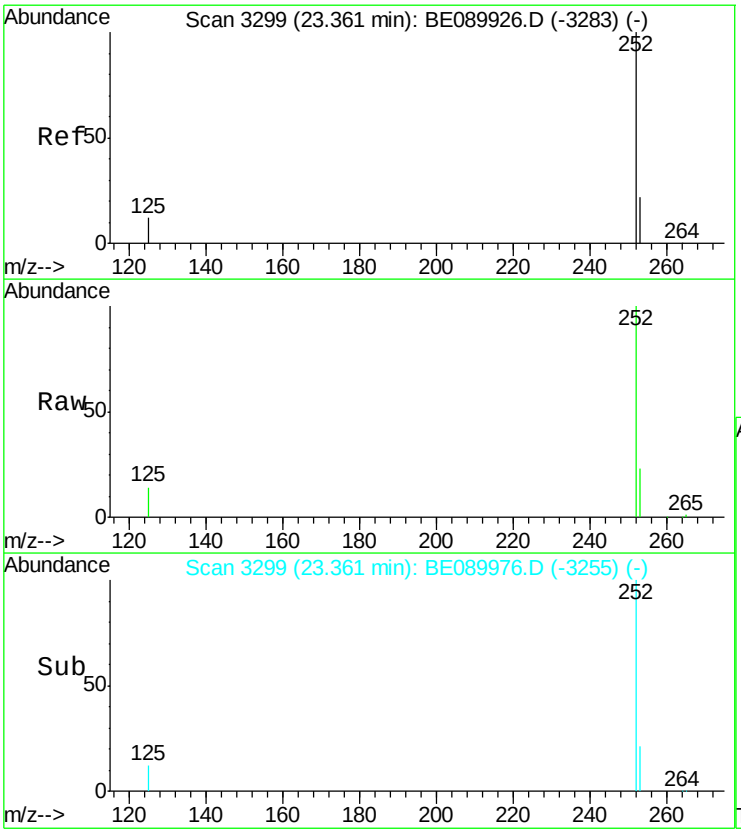
#34
Benzo(k)fluoranthene
Concen: 1.67 ng
RT: 22.76 min Scan# 3166
Delta R.T. -0.05 min
Lab File: BE089976.D
Acq: 27 Jun 2015 14:43

Instrument :
BNA_E
ClientSampleId :
X1SS0620204-150624

Tgt Ion:252 Resp: 67897

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	13.2	9.2	13.8

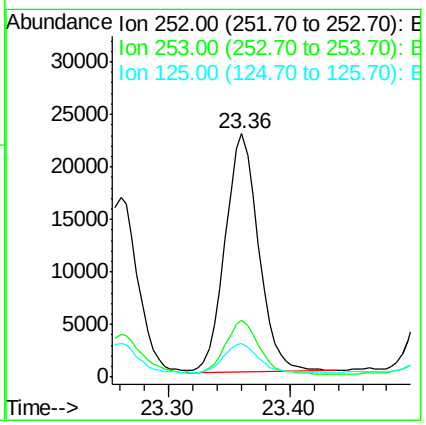


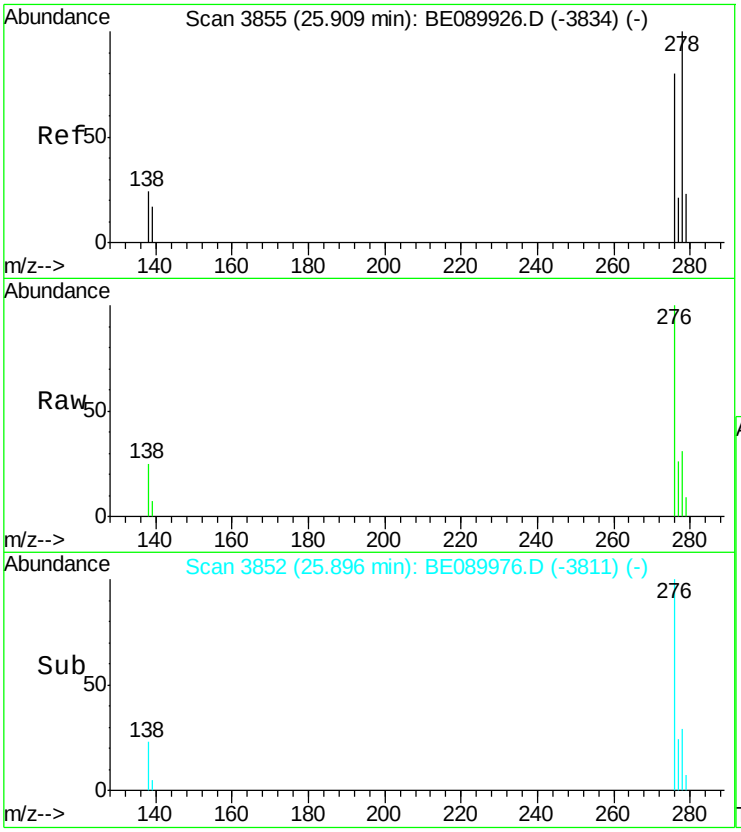


#35
Benzo(a)pyrene
Concen: 1.36 ng
RT: 23.36 min Scan# 3299
Delta R.T. -0.00 min
Lab File: BE089976.D
Acq: 27 Jun 2015 14:43

Tgt Ion:252 Resp: 43377

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.6
125	13.9	10.3	15.5



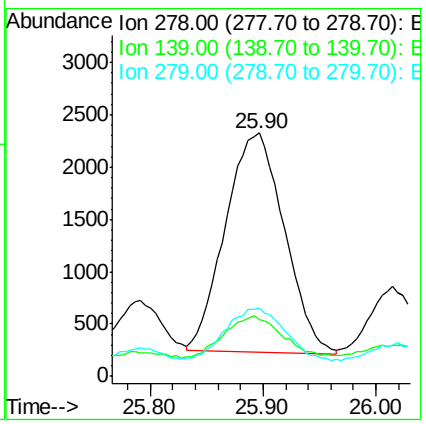


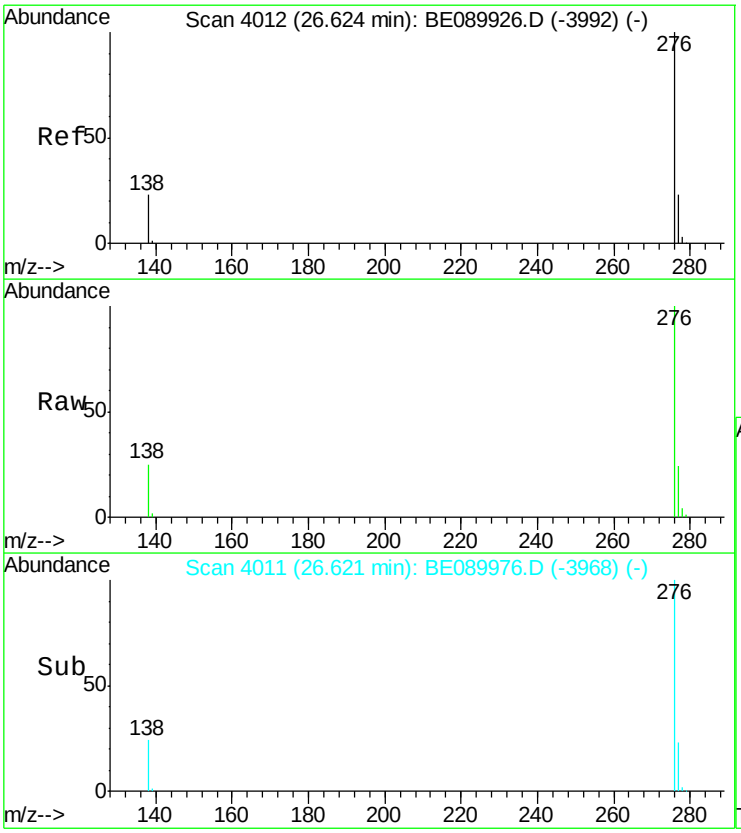
#36
Dibenzo(a,h)anthracene
Concen: 0.25 ng
RT: 25.90 min Scan# 3852
Delta R.T. -0.01 min
Lab File: BE089976.D
Acq: 27 Jun 2015 14:43

Instrument :
BNA_E
ClientSampleId :
X1SS0620204-150624

Tgt Ion:278 Resp: 7477

Ion	Ratio	Lower	Upper
278	100		
139	23.4	14.1	21.1#
279	28.0	19.0	28.6





#37
Benzo(g,h,i)perylene
Concen: 1.09 ng
RT: 26.62 min Scan# 4011
Delta R.T. -0.00 min
Lab File: BE089976.D
Acq: 27 Jun 2015 14:43

Tgt Ion:276 Resp: 34680

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.0	28.4
138	24.8	18.8	28.2