Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE031916\
Data File : BE097489.D
Acq On : 18 Mar 2016 19:03
Operator : UM/SJ
Sample : PB88982BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Mar 18 23:59:50 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 14:14:30 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	104185	5.00	ng	0.00
6) Naphthalene-d8	10.61	136	451290	5.00	ng	0.00
10) Acenaphthene-d10	14.45	164	258751	5.00	ng	0.00
16) Phenanthrene-d10	17.17	188	646558	5.00	ng	-0.01
22) Chrysene-d12	21.34	240	842324	5.00	ng	0.00
28) Perylene-d12	23.80	264	759918	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	74609	3.12	ng	0.00
5) Phenol-d6	6.99	99	95007	3.04	ng	0.00
7) Nitrobenzene-d5	8.98	82	33011	1.50	ng	0.00
11) 2,4,6-Tribromophenol	15.92	330	21533	2.43	ng	-0.01
12) 2-Fluorobiphenyl	13.07	172	117918	1.81	ng	0.00
24) Terphenyl-d14	19.78	244	183462	1.81	ng	-0.02
Target Compounds						Qvalue
13) Acenaphthylene	14.08	152	539	0.14	ng	# 60
18) Pentachlorophenol	16.90	266	34	0.20	ng	# 65
25) Benzo(a)anthracene	21.36	228	6483	0.03	ng	# 90
26) Chrysene	21.36	228	6706	0.02	ng	# 83

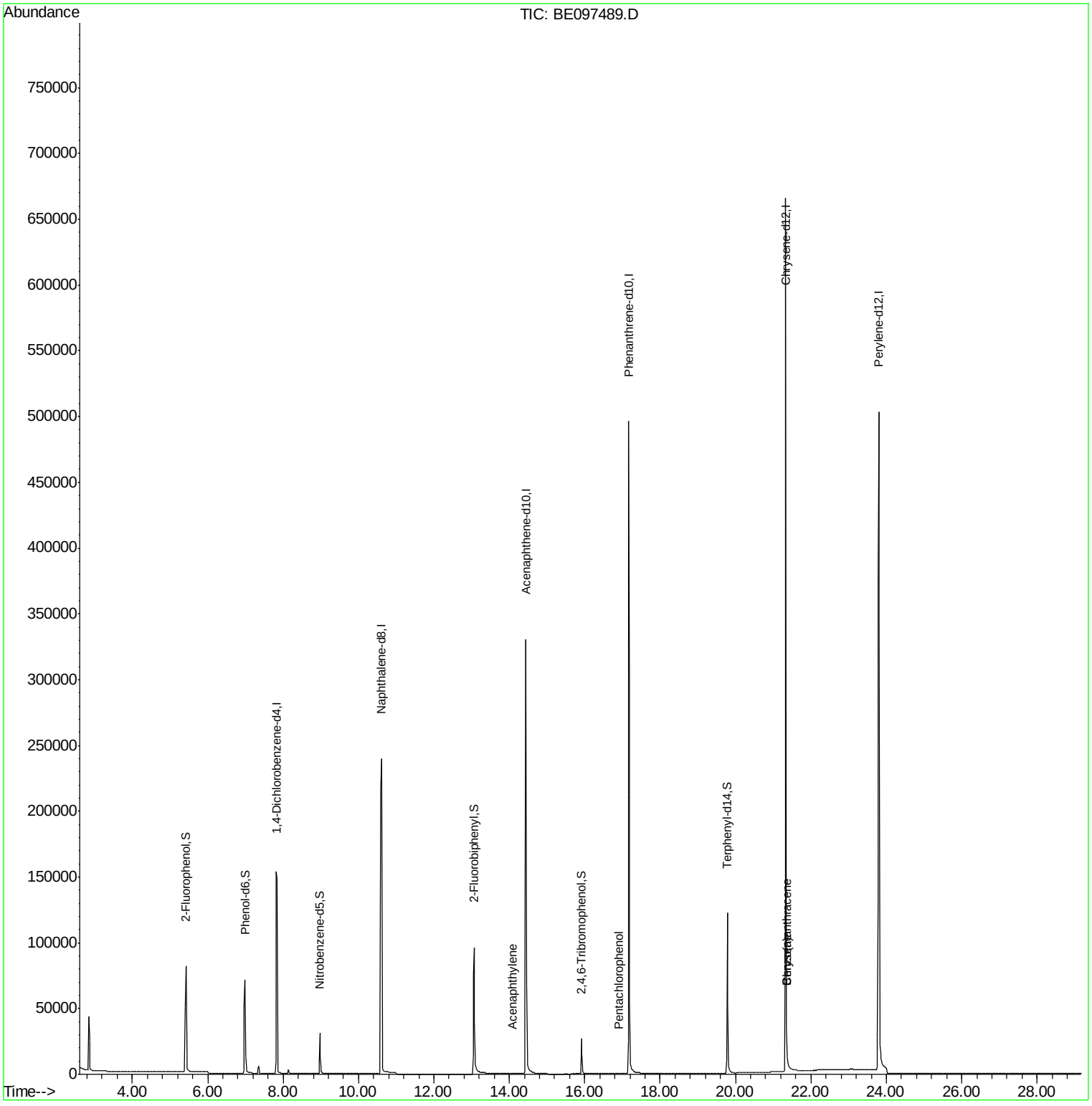
(#) = qualifier out of range (m) = manual integration (+) = signals summed

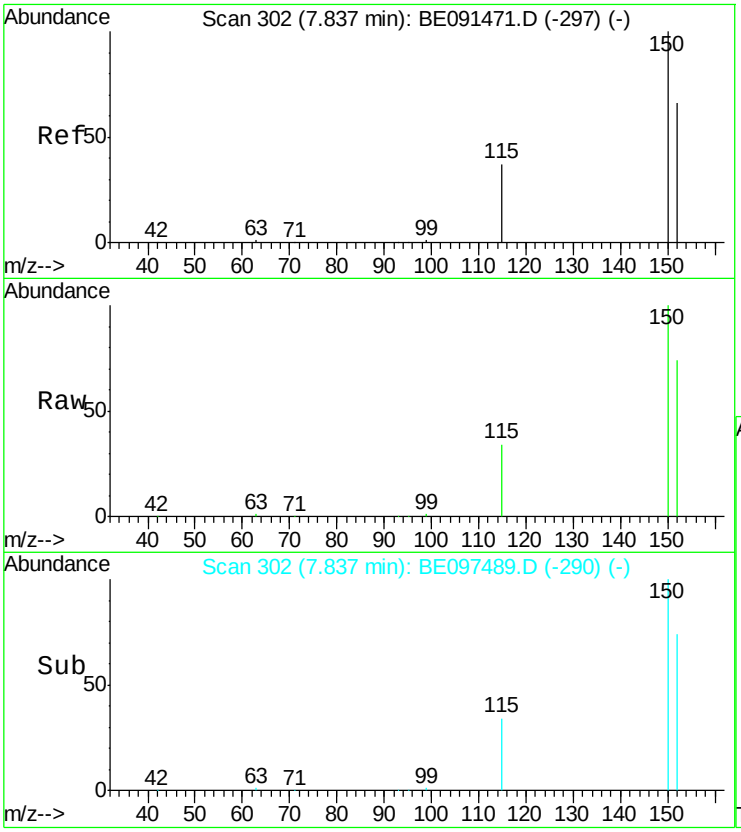
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE031916\
Data File : BE097489.D
Acq On : 18 Mar 2016 19:03
Operator : UM/SJ
Sample : PB88982BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Mar 18 23:59:50 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 14:14:30 2016
Response via : Initial Calibration



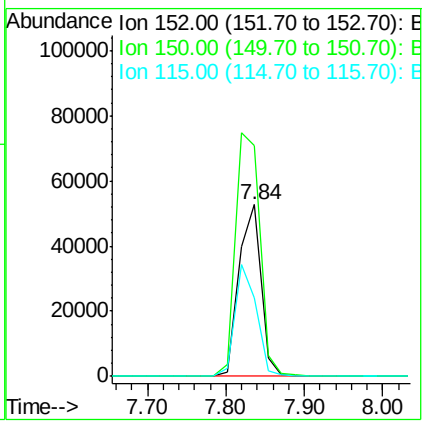


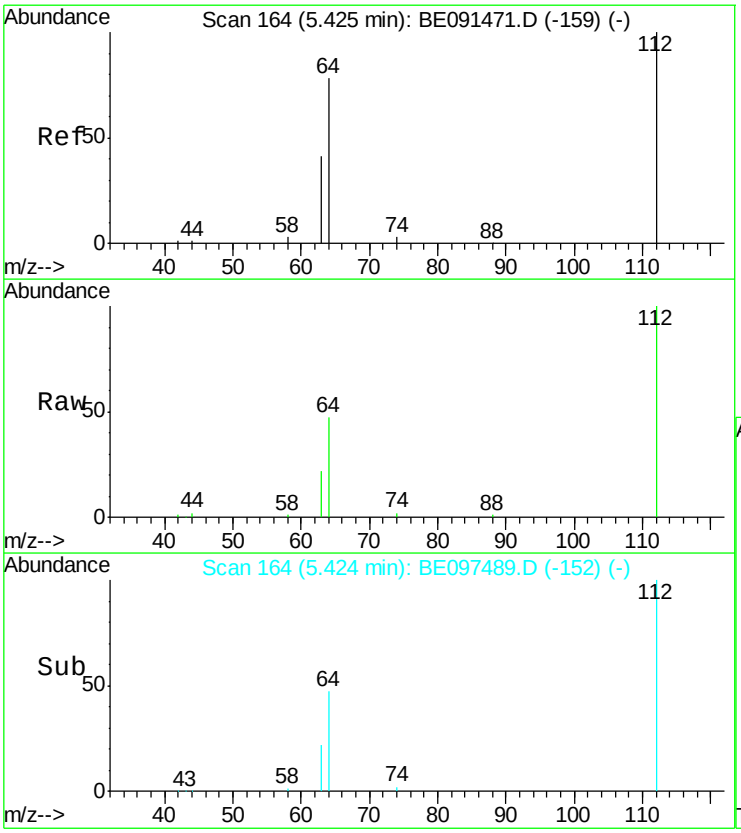
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.84 min Scan# 302
Delta R.T. -0.00 min
Lab File: BE097489.D
Acq: 18 Mar 2016 19:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 104185

Ion	Ratio	Lower	Upper
152	100		
150	134.8	122.2	183.2
115	45.6	45.9	68.9#

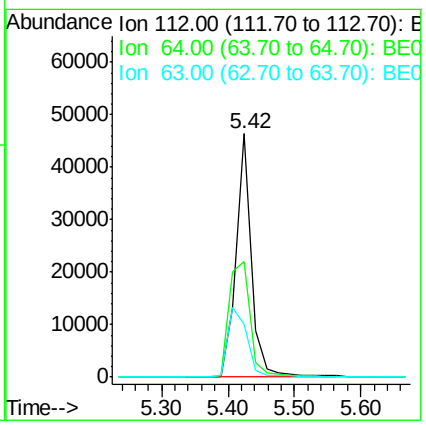


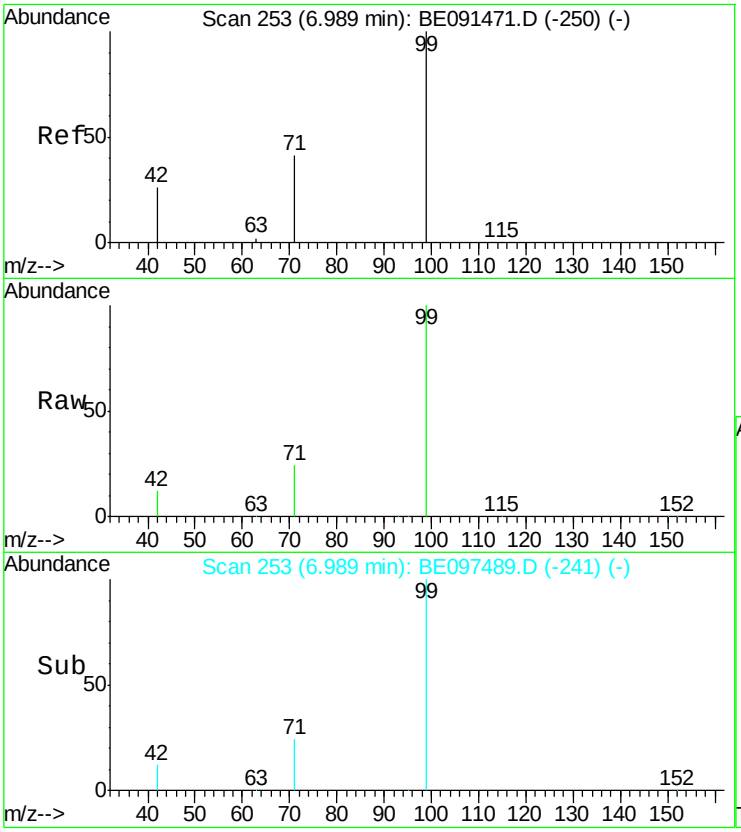


#4
2-Fluorophenol
Concen: 3.12 ng
RT: 5.42 min Scan# 164
Delta R.T. -0.00 min
Lab File: BE097489.D
Acq: 18 Mar 2016 19:03

Tgt Ion:112 Resp: 74609

Ion	Ratio	Lower	Upper
112	100		
64	65.4	53.3	79.9
63	35.7	29.8	44.8



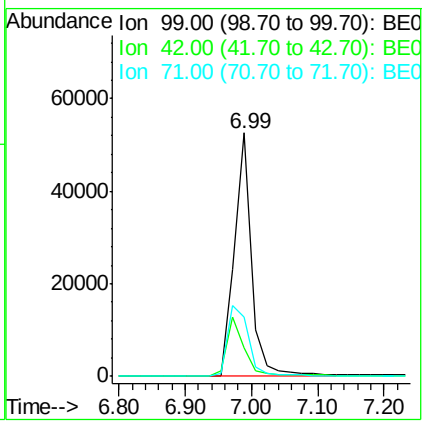


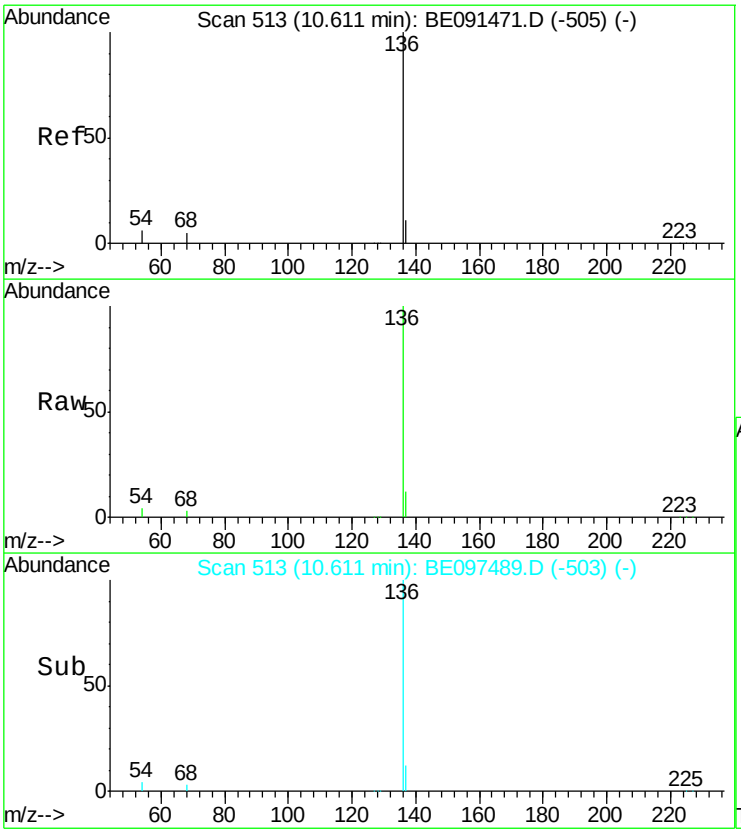
#5
Phenol-d6
Concen: 3.04 ng
RT: 6.99 min Scan# 253
Delta R.T. -0.00 min
Lab File: BE097489.D
Acq: 18 Mar 2016 19:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 95007

Ion	Ratio	Lower	Upper
99	100		
42	24.2	20.6	30.8
71	35.1	29.0	43.4

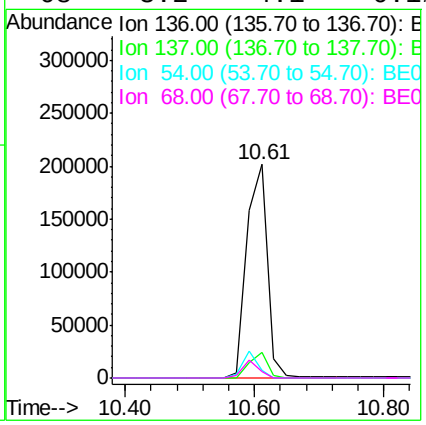


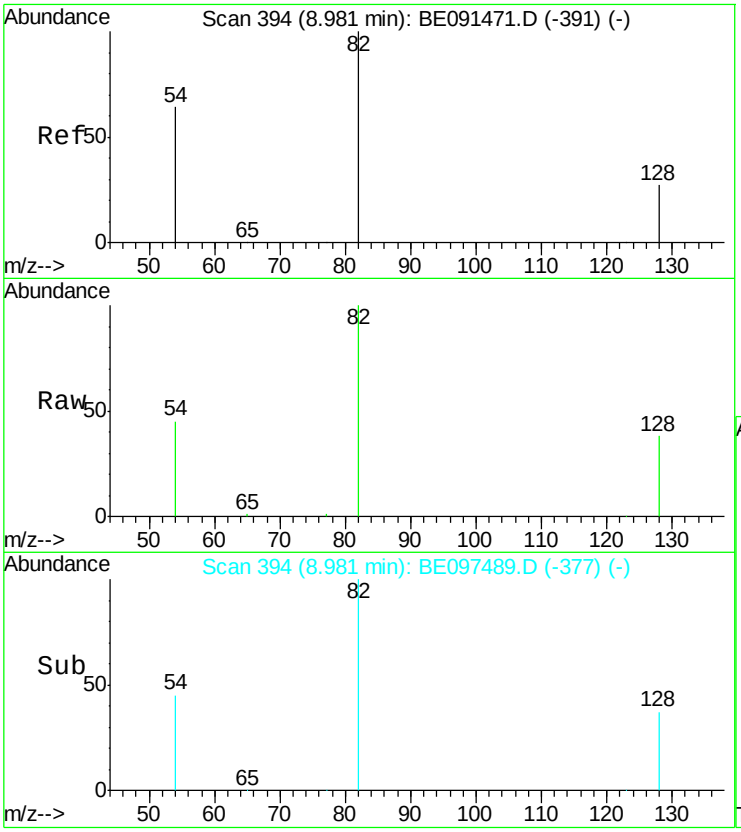


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.61 min Scan# 513
Delta R.T. -0.00 min
Lab File: BE097489.D
Acq: 18 Mar 2016 19:03

Tgt Ion:136 Resp: 451290

Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.8	13.2
54	3.8	5.2	7.8#
68	3.2	4.1	6.1#



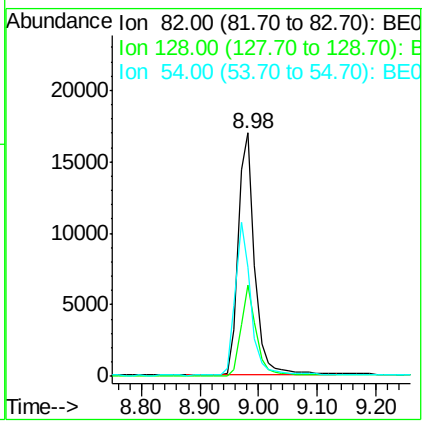


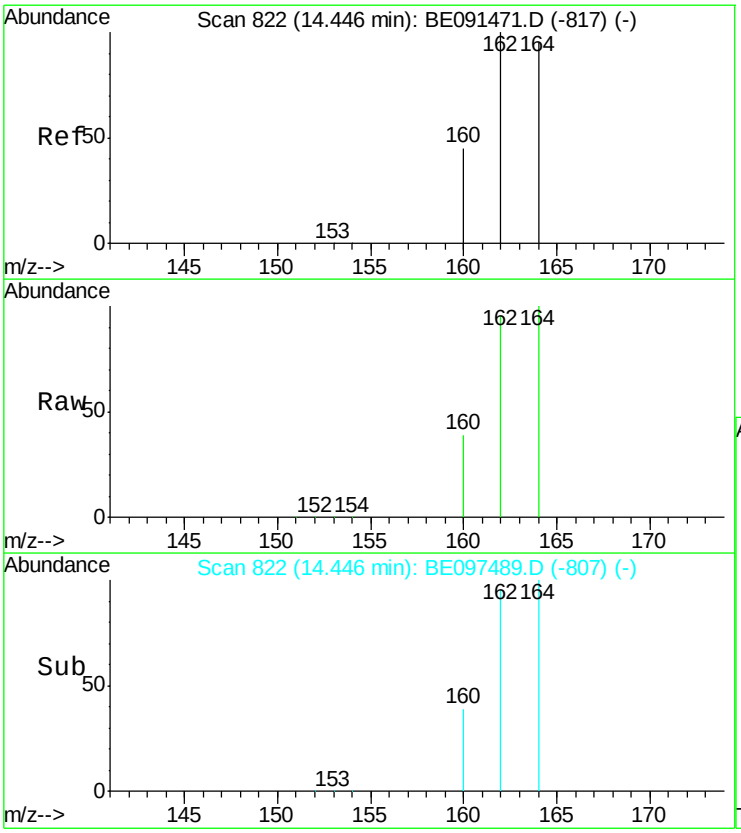
#7
Nitrobenzene-d5
Concen: 1.50 ng
RT: 8.98 min Scan# 394
Delta R.T. 0.00 min
Lab File: BE097489.D
Acq: 18 Mar 2016 19:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 33011

Ion	Ratio	Lower	Upper
82	100		
128	37.6	23.5	35.3#
54	44.8	52.4	78.6#

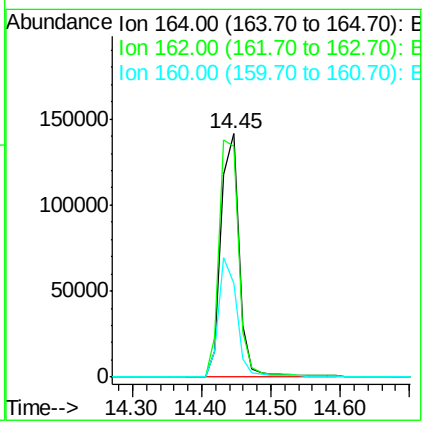


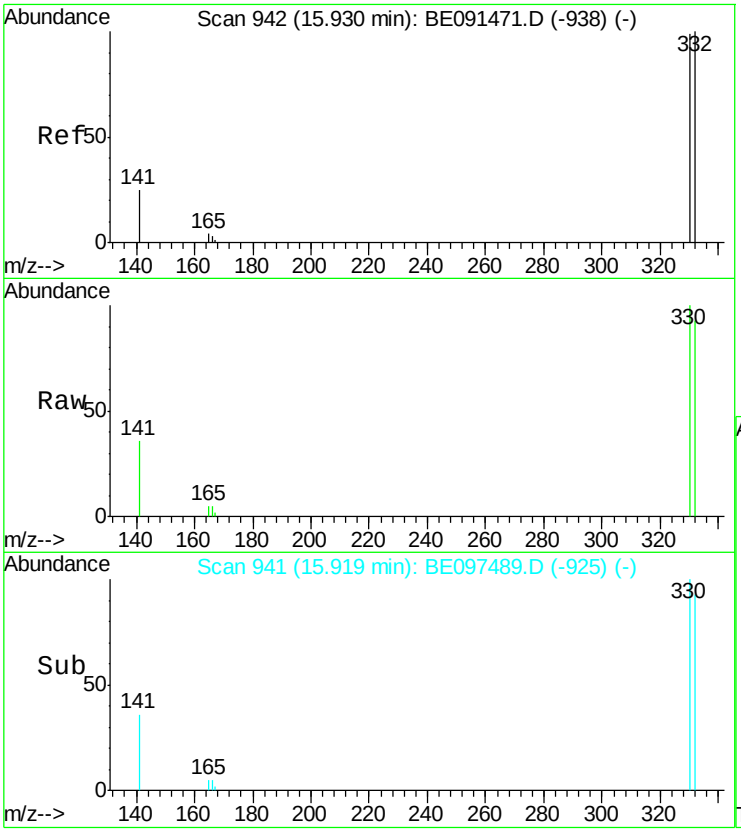


#10
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.45 min Scan# 822
Delta R.T. 0.00 min
Lab File: BE097489.D
Acq: 18 Mar 2016 19:03

Tgt Ion:164 Resp: 258751

Ion	Ratio	Lower	Upper
164	100		
162	94.8	84.4	126.6
160	38.7	37.7	56.5



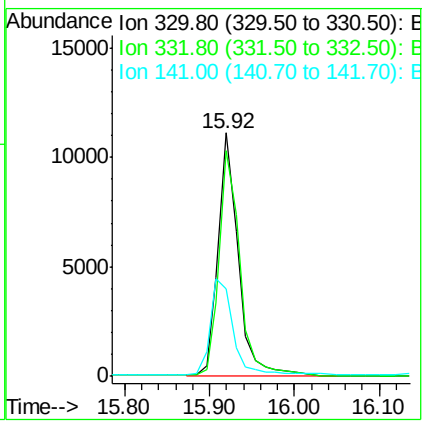


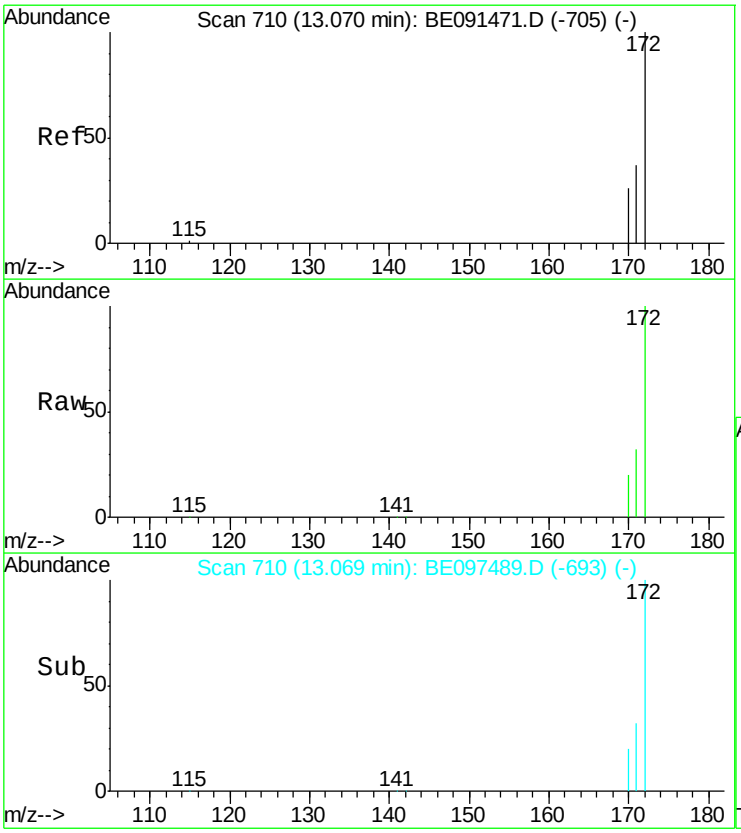
#11
2,4,6-Tribromophenol
Concen: 2.43 ng
RT: 15.92 min Scan# 941
Delta R.T. -0.01 min
Lab File: BE097489.D
Acq: 18 Mar 2016 19:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 21533

Ion	Ratio	Lower	Upper
330	100		
332	96.0	79.2	118.8
141	44.7	28.1	42.1#

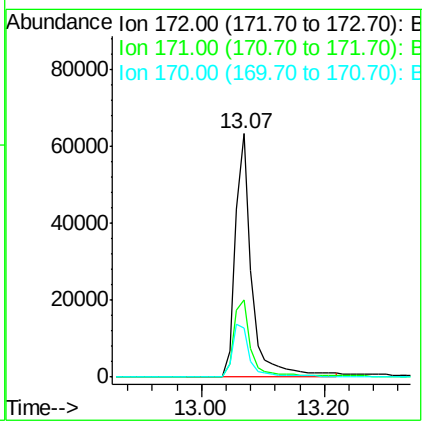


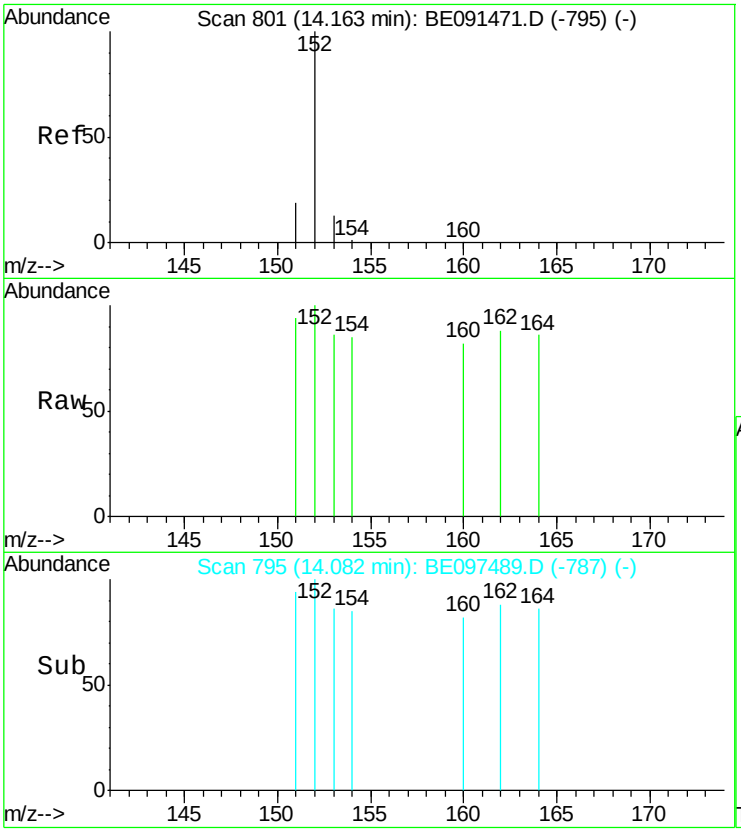


#12
2-Fluorobiphenyl
Concen: 1.81 ng
RT: 13.07 min Scan# 710
Delta R.T. -0.00 min
Lab File: BE097489.D
Acq: 18 Mar 2016 19:03

Tgt Ion:172 Resp: 117918

Ion	Ratio	Lower	Upper
172	100		
171	31.9	29.8	44.8
170	20.0	21.4	32.2#



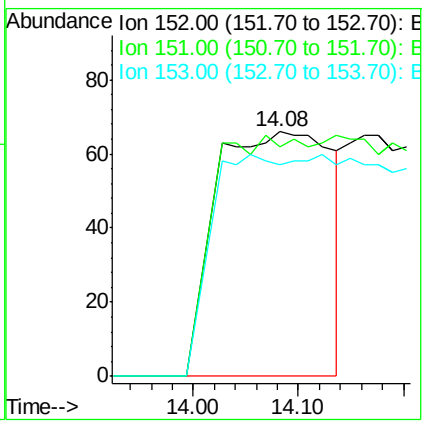


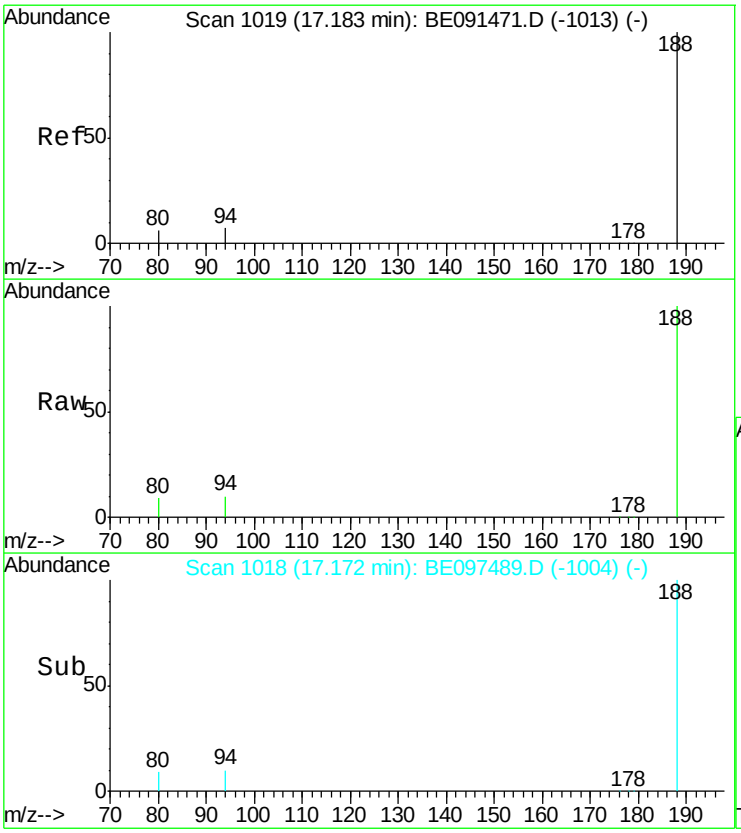
#13
Acenaphthylene
Concen: 0.14 ng
RT: 14.08 min Scan# 795
Delta R.T. -0.08 min
Lab File: BE097489.D
Acq: 18 Mar 2016 19:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 539

Ion	Ratio	Lower	Upper
152	100		
151	0.0	16.3	24.5#
153	0.0	11.1	16.7#

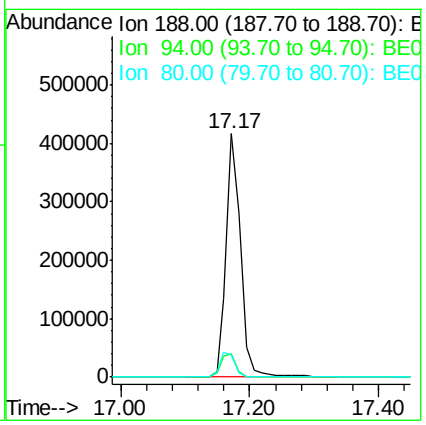


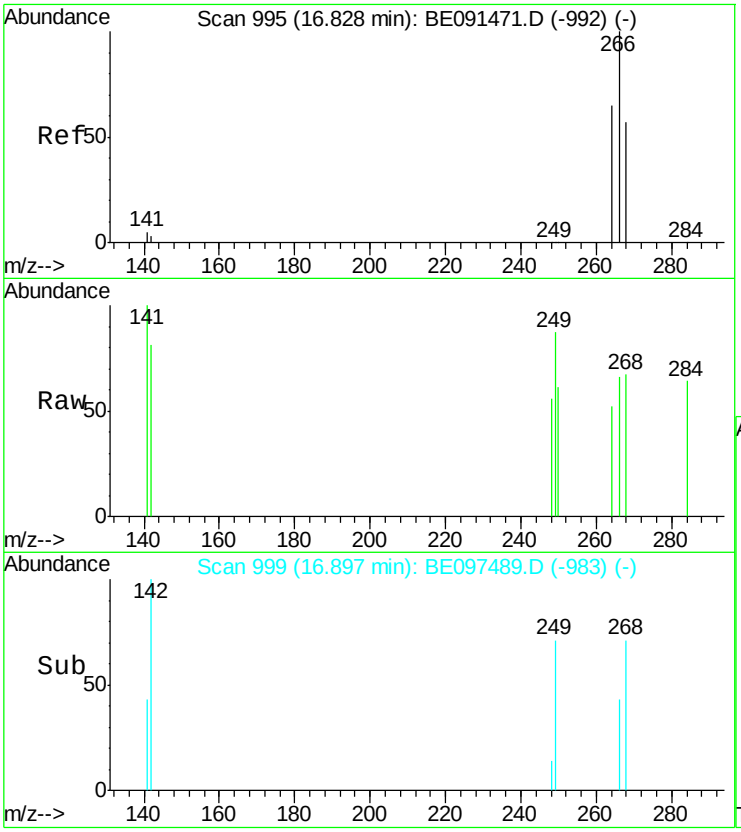


#16
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.17 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE097489.D
Acq: 18 Mar 2016 19:03

Tgt Ion:188 Resp: 646558

Ion	Ratio	Lower	Upper
188	100		
94	9.6	5.4	8.2#
80	9.3	5.0	7.4#



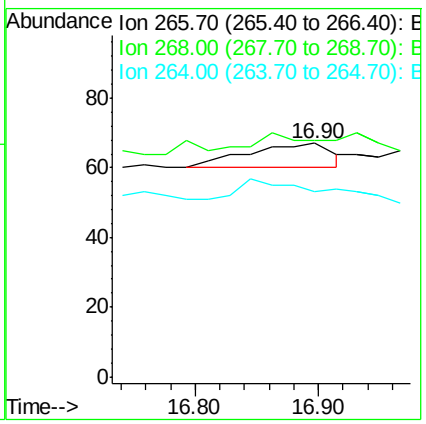


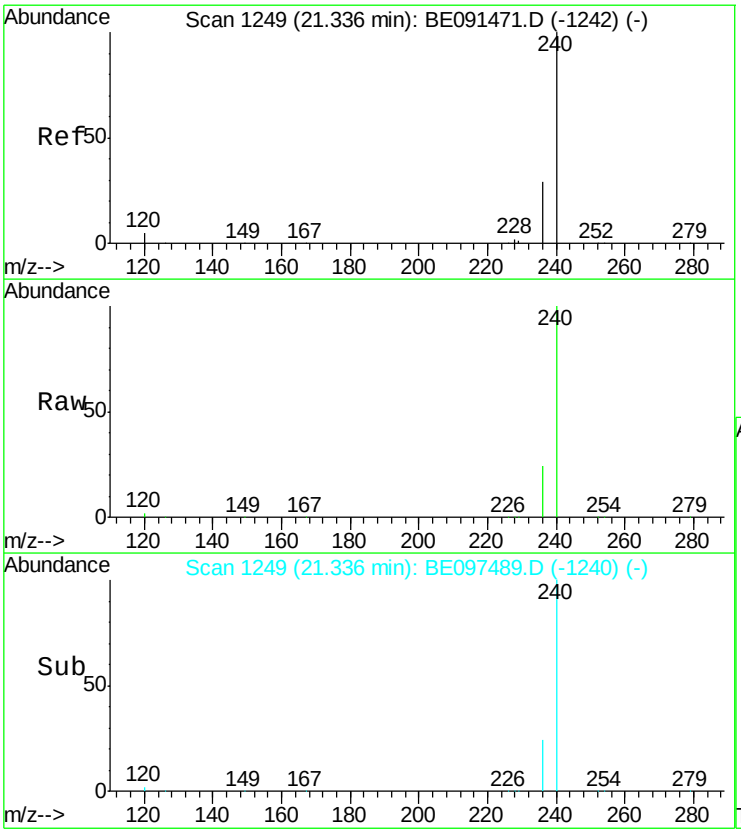
#18
Pentachlorophenol
Concen: 0.20 ng
RT: 16.90 min Scan# 999
Delta R.T. 0.07 min
Lab File: BE097489.D
Acq: 18 Mar 2016 19:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 34

Ion	Ratio	Lower	Upper
266	100		
268	101.5	48.2	72.2#
264	79.1	52.1	78.1#

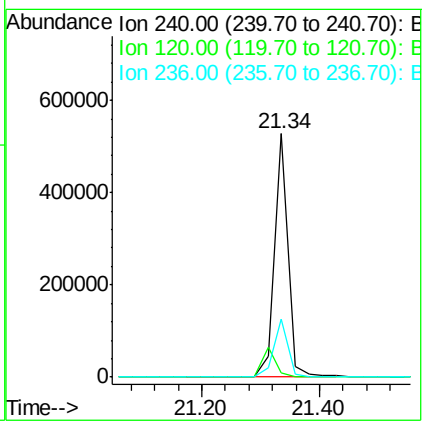


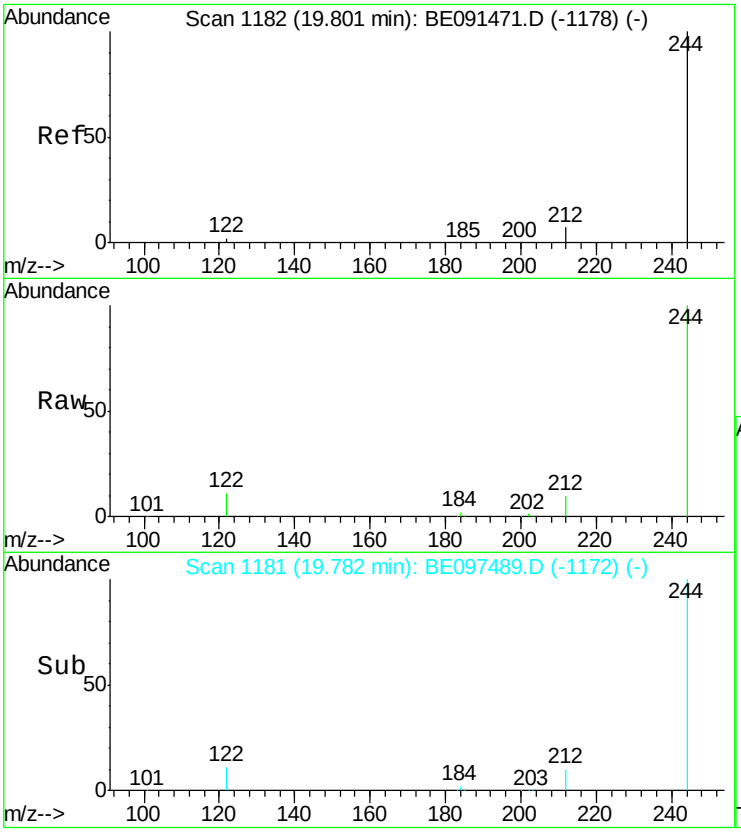


#22
Chrysene-d12
Concen: 5.00 ng
RT: 21.34 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BE097489.D
Acq: 18 Mar 2016 19:03

Tgt Ion:240 Resp: 842324

Ion	Ratio	Lower	Upper
240	100		
120	1.6	4.0	6.0#
236	23.9	23.0	34.4



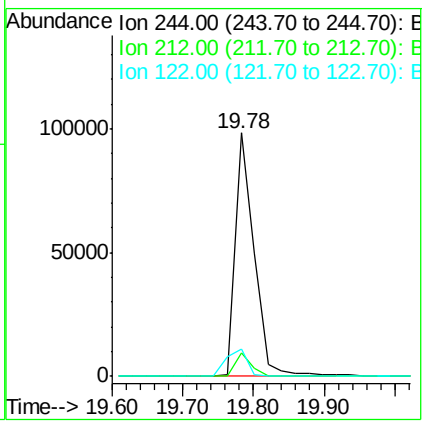


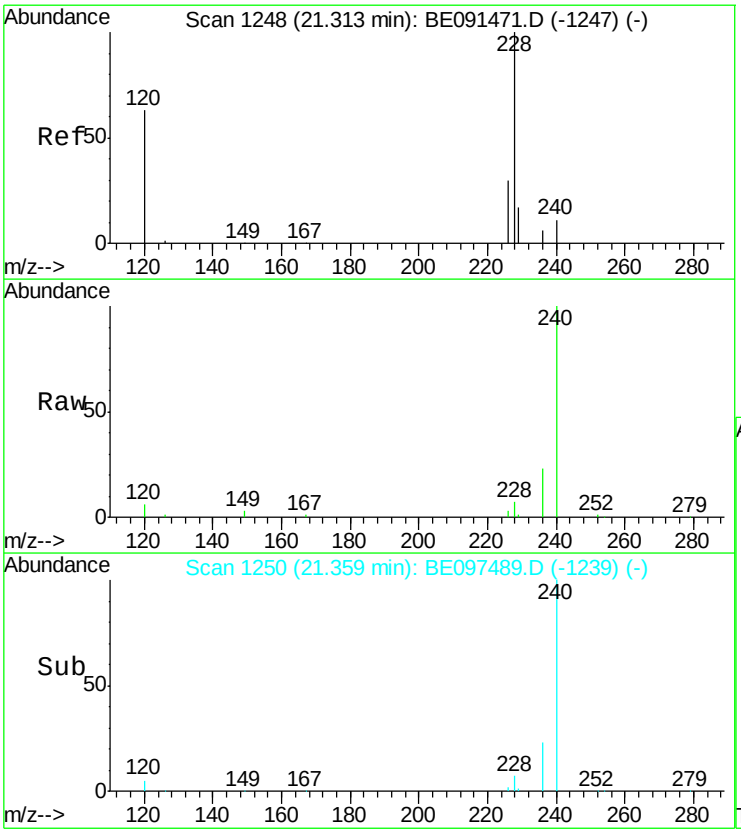
#24
Terphenyl-d14
Concen: 1.81 ng
RT: 19.78 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BE097489.D
Acq: 18 Mar 2016 19:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 183462

Ion	Ratio	Lower	Upper
244	100		
212	9.6	5.8	8.8#
122	11.0	1.8	2.8#

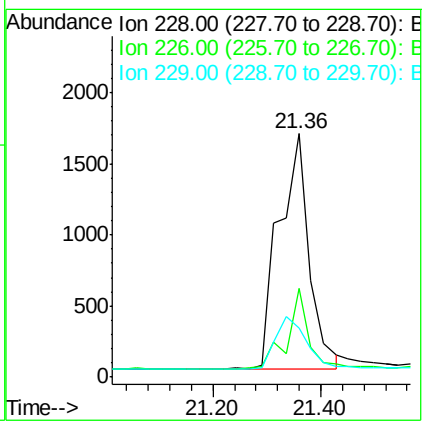


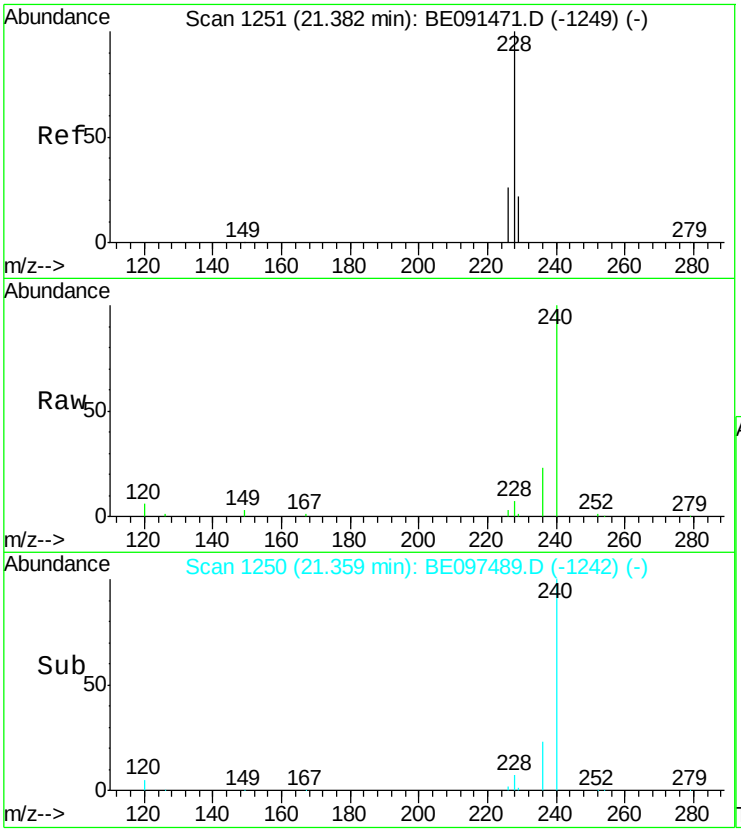


#25
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.36 min Scan# 1250
Delta R.T. 0.05 min
Lab File: BE097489.D
Acq: 18 Mar 2016 19:03

Tgt Ion:228 Resp: 6483

Ion	Ratio	Lower	Upper
228	100		
226	36.6	24.0	36.0#
229	20.2	13.8	20.6



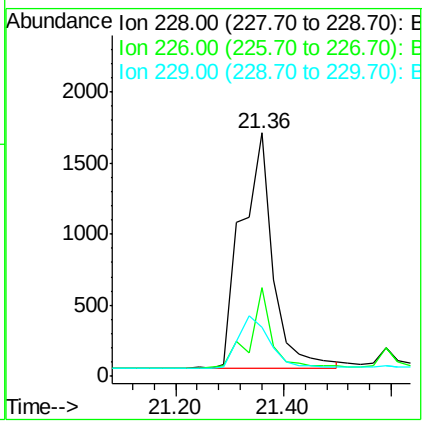


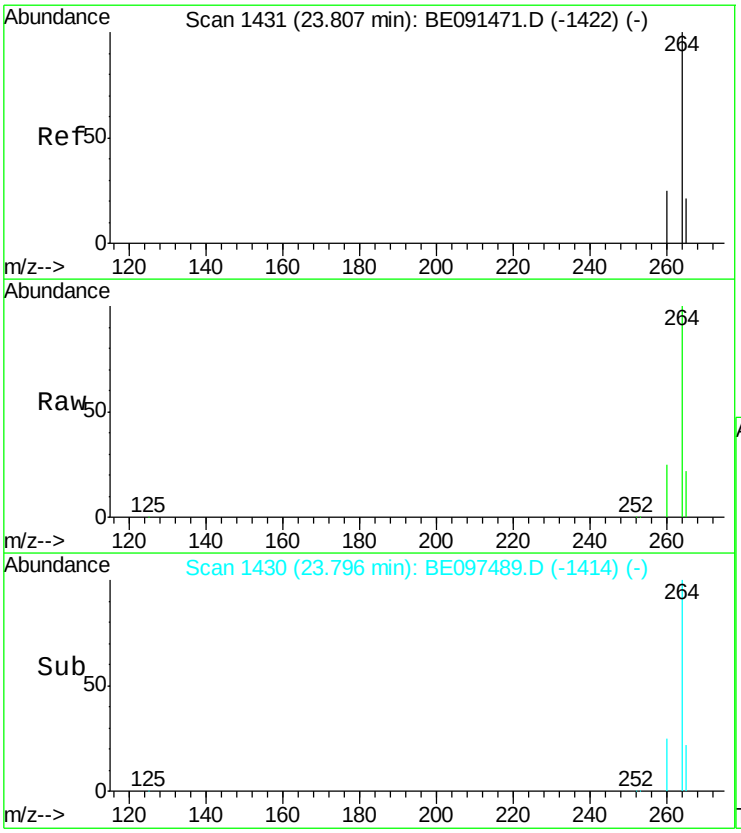
#26
Chrysene
Concen: 0.02 ng
RT: 21.36 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BE097489.D
Acq: 18 Mar 2016 19:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 6706

Ion	Ratio	Lower	Upper
228	100		
226	36.6	18.9	28.3#
229	20.2	19.1	28.7





#28
Perylene-d12
Concen: 5.00 ng
RT: 23.80 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BE097489.D
Acq: 18 Mar 2016 19:03

Tgt Ion:264 Resp: 759918

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.1	30.1
265	22.3	18.3	27.5