Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080416\
Data File : BE092194.D
Acq On : 4 Aug 2016 22:26
Operator : UM/SJ
Sample : H4269-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : GW-53-18.5-20.0

Quant Time: Aug 05 03:15:18 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-PAH-BE080216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 02 16:59:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	11045	5.00	ng	0.00
6) Naphthalene-d8	10.98	136	48922	5.00	ng	-0.01
10) Acenaphthene-d10	14.83	164	26394	5.00	ng	-0.02
16) Phenanthrene-d10	17.56	188	61391	5.00	ng	-0.02
22) Chrysene-d12	21.75	240	74499	5.00	ng	0.00
28) Perylene-d12	24.14	264	75991	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.70	112	3209	1.13	ng	0.00
5) Phenol-d6	7.35	99	5056	1.34	ng	0.00
7) Nitrobenzene-d5	9.35	82	12458	3.23	ng	0.00
11) 2,4,6-Tribromophenol	16.34	330	31	0.04	ng	0.01
12) 2-Fluorobiphenyl	13.46	172	29046	3.47	ng	0.00
24) Terphenyl-d14	20.19	244	44730	4.18	ng	-0.02
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.93	42	20	0.10	ng	# 6
8) Naphthalene	11.03	128	79	Below Cal		# 1
18) Pentachlorophenol	17.24	266	1	0.19	ng	# 76
19) Phenanthrene	17.60	178	467	Below Cal		# 88
25) Benzo(a)anthracene	21.73	228	1639	0.02	ng	# 74
26) Chrysene	21.73	228	1680	0.02	ng	# 76
30) Benzo(k)fluoranthene	23.46	252	127	Below Cal		# 1

(#) = 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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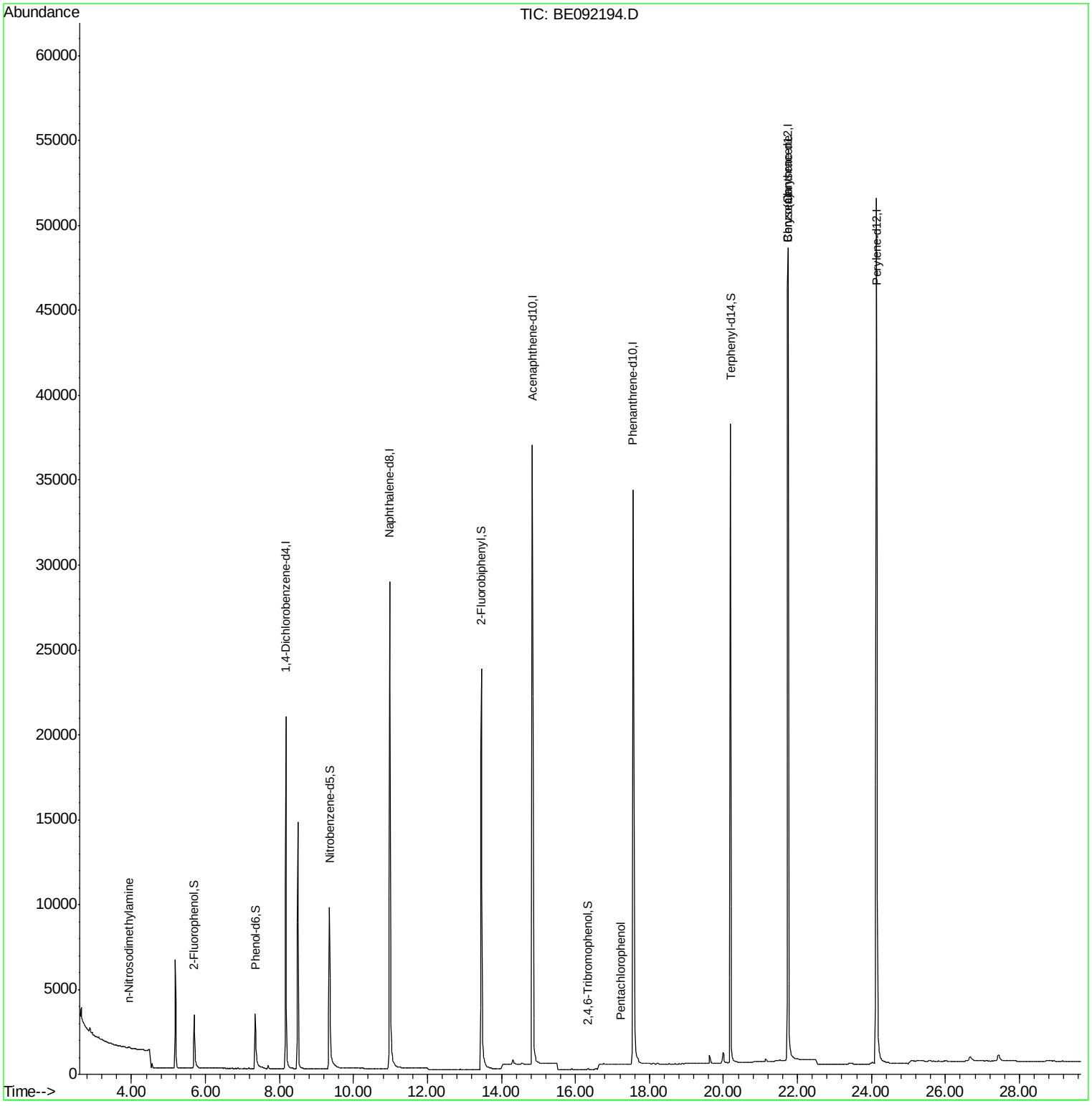
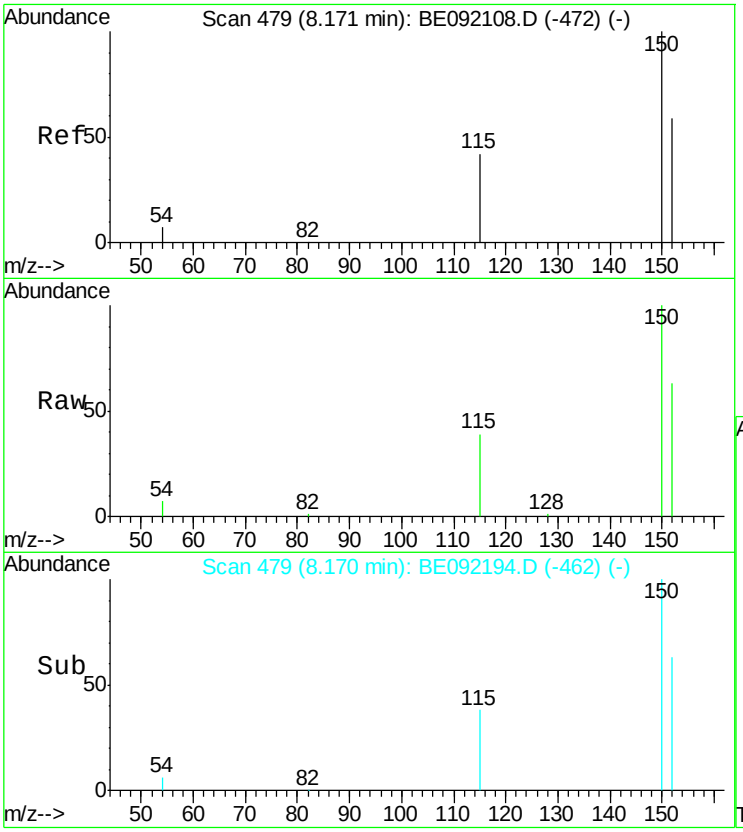


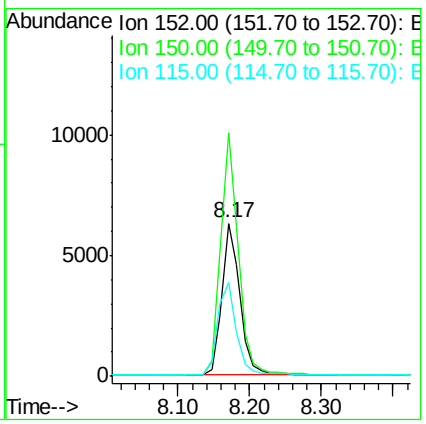


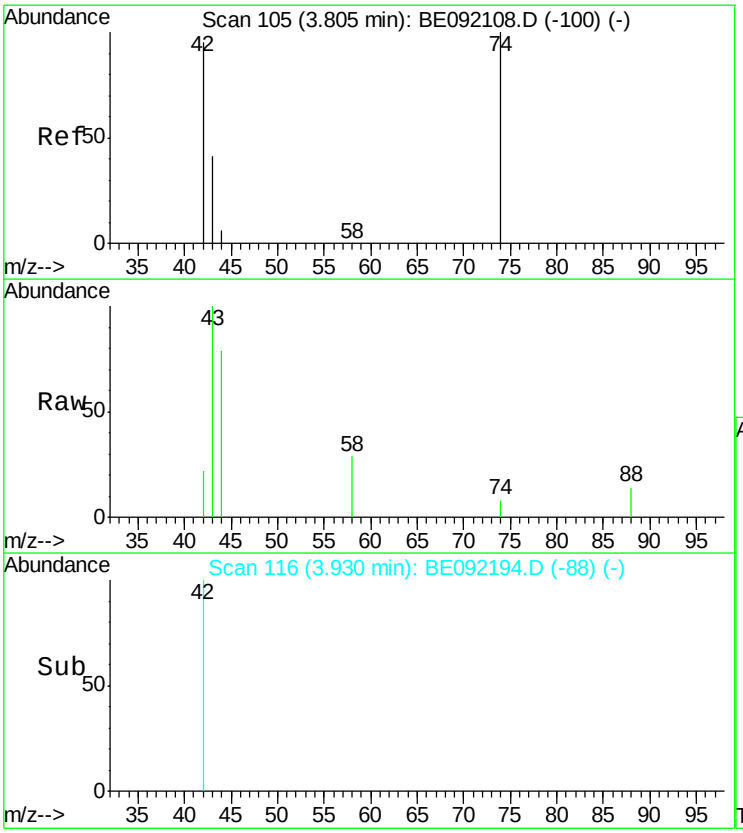
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.17 min Scan# 479
Delta R.T. -0.00 min
Lab File: BE092194.D
Acq: 4 Aug 2016 22:26

Instrument :
BNA_E
ClientSampleId :
GW-53-18.5-20.0

Tgt Ion:152 Resp: 11045

Ion	Ratio	Lower	Upper
152	100		
150	159.4	106.0	159.0#
115	61.7	36.9	55.3#

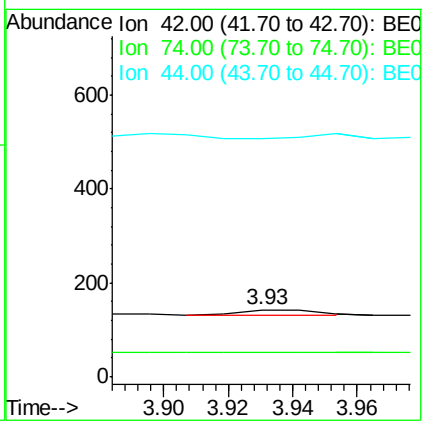


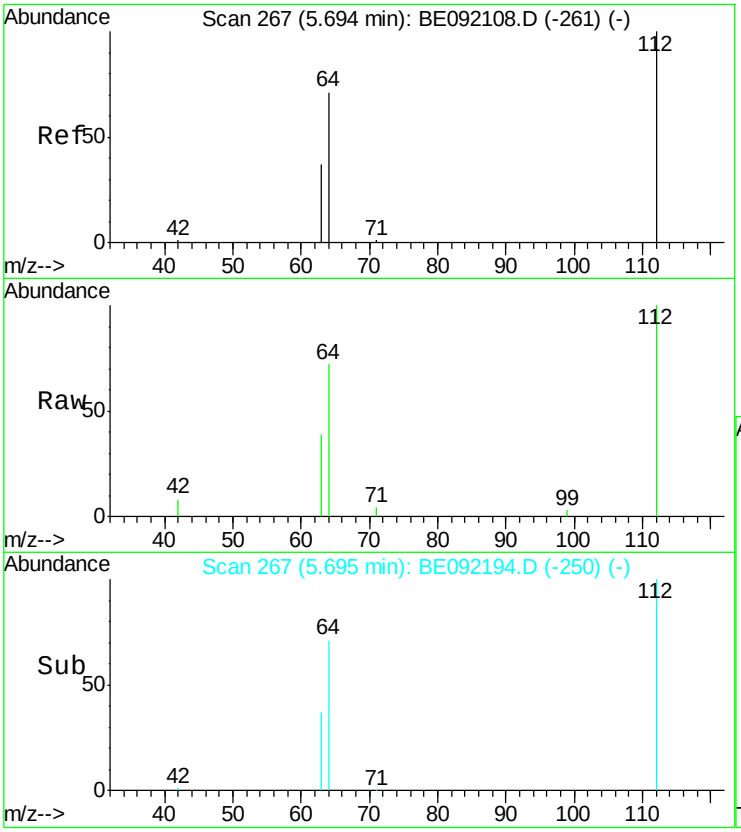


#3
n-Nitrosodimethylamine
Concen: 0.10 ng
RT: 3.93 min Scan# 116
Delta R.T. 0.13 min
Lab File: BE092194.D
Acq: 4 Aug 2016 22:26

Tgt Ion: 42 Resp: 20

Ion	Ratio	Lower	Upper
42	100		
74	0.0	82.8	124.2#
44	0.0	9.0	13.4#



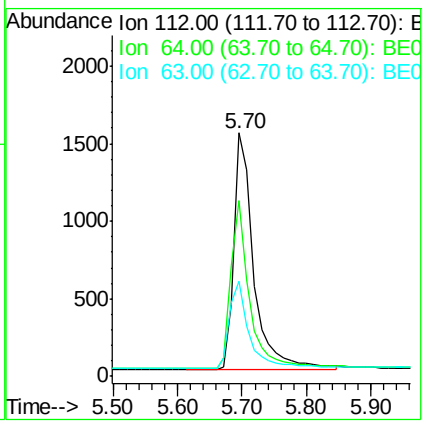


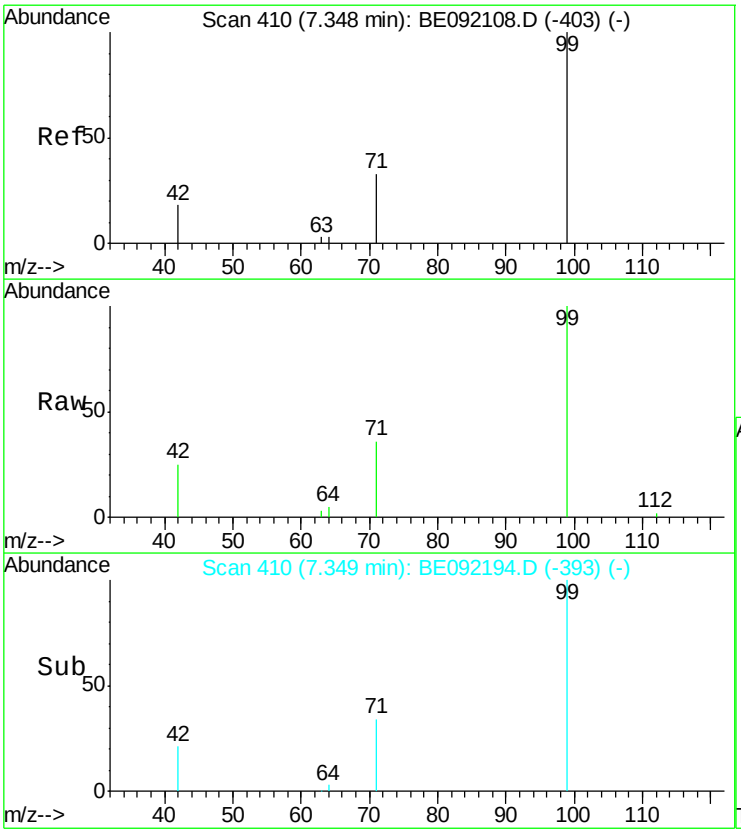
#4
2-Fluorophenol
Concen: 1.13 ng
RT: 5.70 min Scan# 267
Delta R.T. 0.00 min
Lab File: BE092194.D
Acq: 4 Aug 2016 22:26

Instrument :
BNA_E
ClientSampleId :
GW-53-18.5-20.0

Tgt Ion:112 Resp: 3209

Ion	Ratio	Lower	Upper
112	100		
64	66.5	55.9	83.9
63	36.4	31.1	46.7

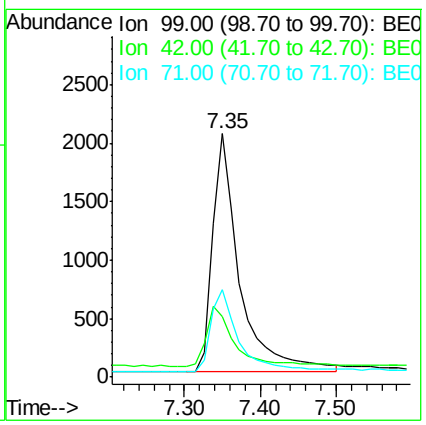


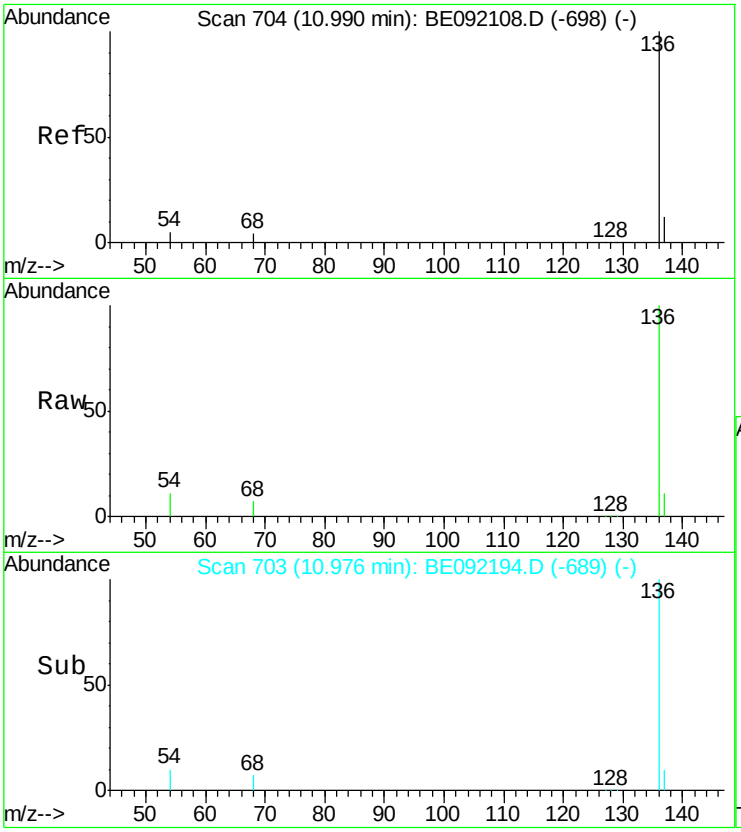


#5
Phenol-d6
Concen: 1.34 ng
RT: 7.35 min Scan# 410
Delta R.T. 0.00 min
Lab File: BE092194.D
Acq: 4 Aug 2016 22:26

Tgt Ion: 99 Resp: 5056

Ion	Ratio	Lower	Upper
99	100		
42	25.6	22.4	33.6
71	35.6	28.9	43.3



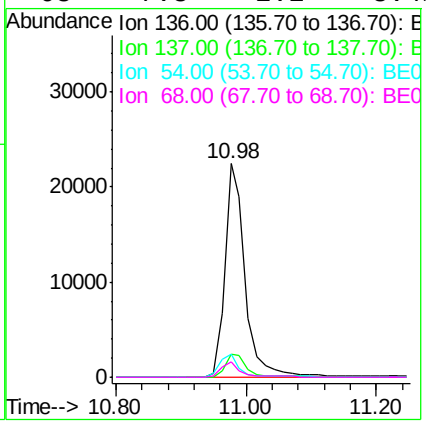


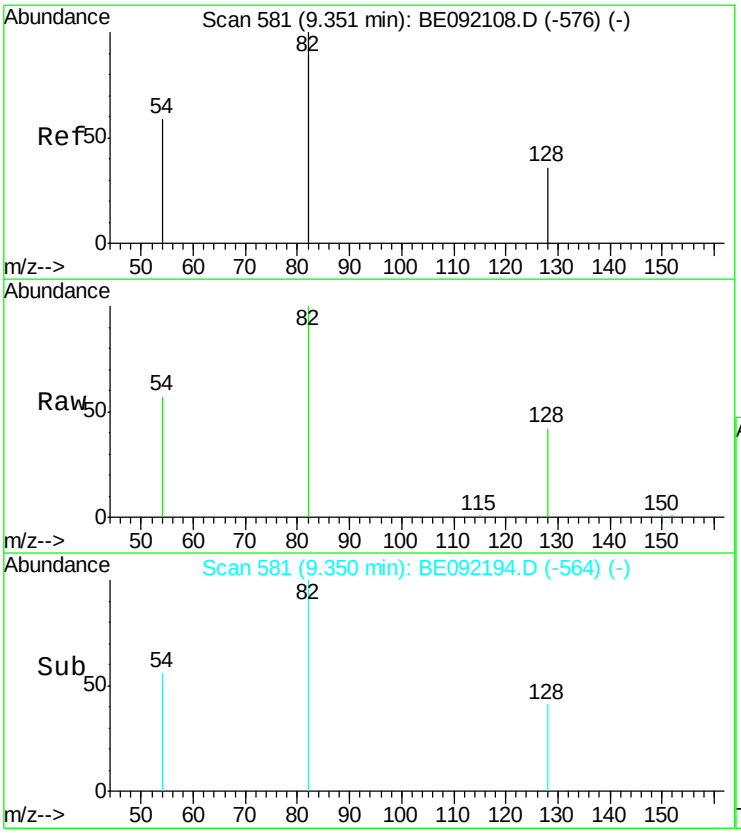
#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.98 min Scan# 703
Delta R.T. -0.01 min
Lab File: BE092194.D
Acq: 4 Aug 2016 22:26

Instrument :
BNA_E
ClientSampleId :
GW-53-18.5-20.0

Tgt Ion:136 Resp: 48922

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	10.6	2.7	4.1#
68	7.3	2.2	3.4#

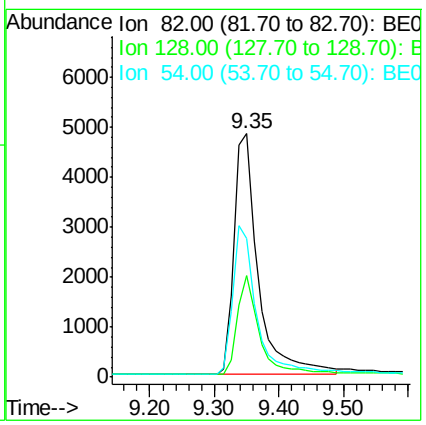


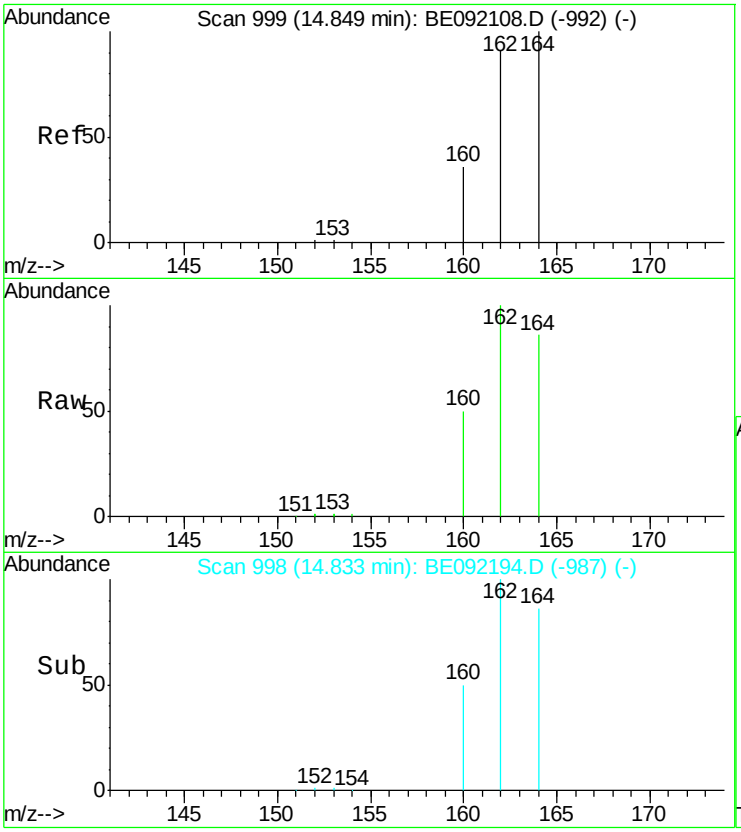


#7
Nitrobenzene-d5
Concen: 3.23 ng
RT: 9.35 min Scan# 581
Delta R.T. -0.00 min
Lab File: BE092194.D
Acq: 4 Aug 2016 22:26

Tgt Ion: 82 Resp: 12458

Ion	Ratio	Lower	Upper
82	100		
128	41.5	33.0	49.4
54	57.0	42.6	63.8



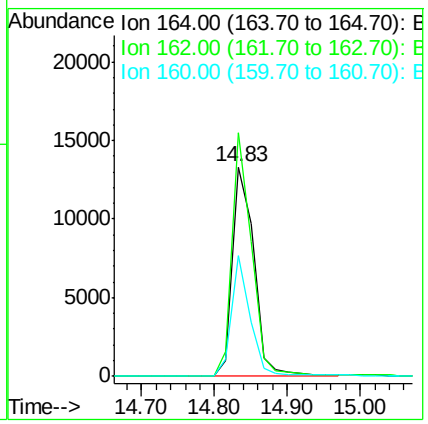


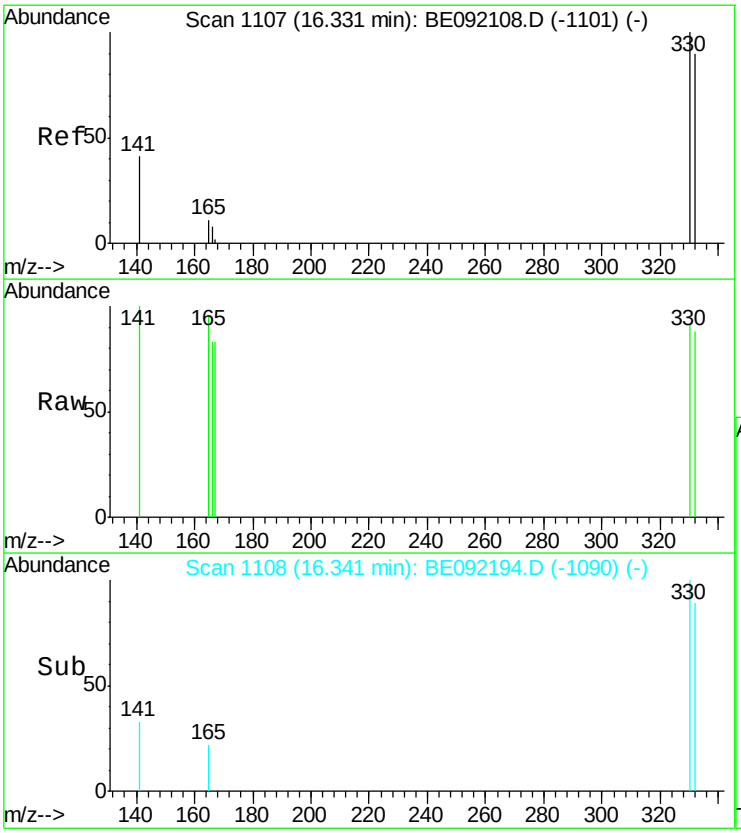
#10
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.83 min Scan# 998
Delta R.T. -0.02 min
Lab File: BE092194.D
Acq: 4 Aug 2016 22:26

Instrument :
BNA_E
ClientSampleId :
GW-53-18.5-20.0

Tgt Ion:164 Resp: 26394

Ion	Ratio	Lower	Upper
164	100		
162	116.3	69.5	104.3#
160	57.8	27.6	41.4#

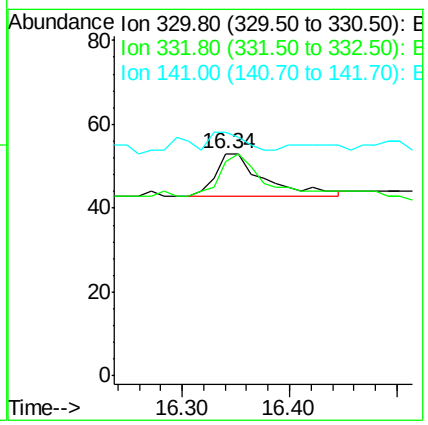


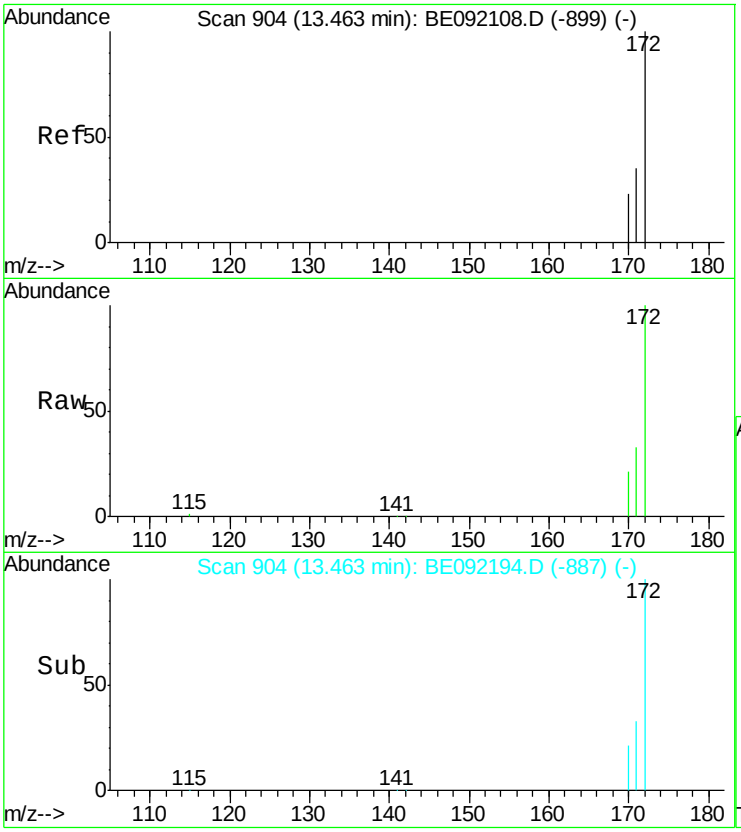


#11
2,4,6-Tribromophenol
Concen: 0.04 ng
RT: 16.34 min Scan# 1108
Delta R.T. 0.01 min
Lab File: BE092194.D
Acq: 4 Aug 2016 22:26

Tgt Ion:330 Resp: 31

Ion	Ratio	Lower	Upper
330	100		
332	0.0	74.2	111.4#
141	25.8	139.8	209.8#



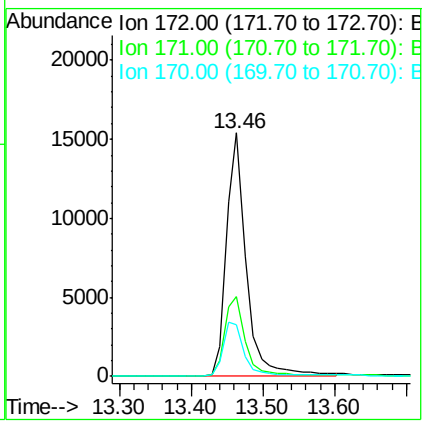


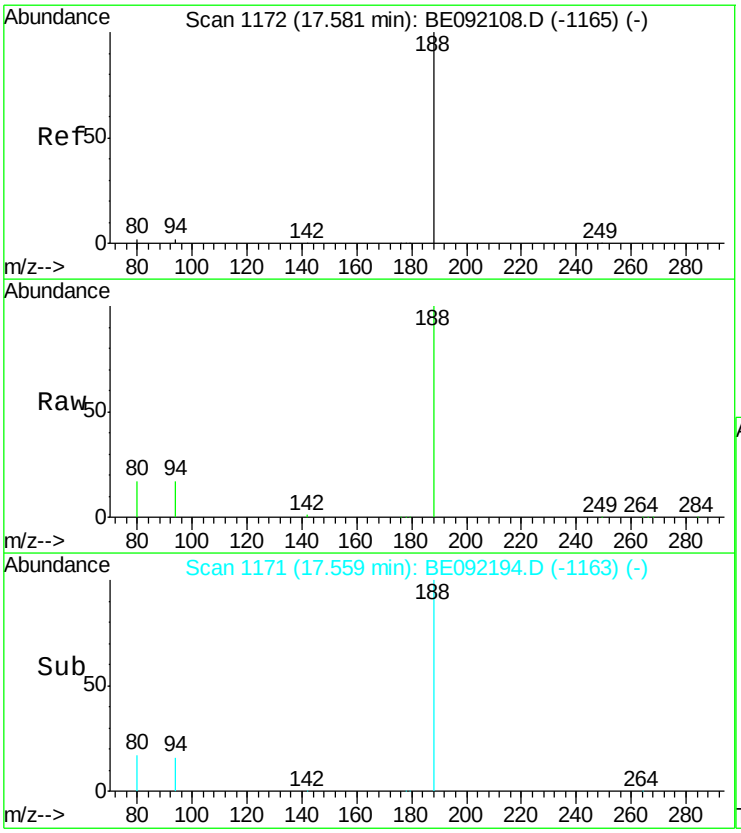
#12
2-Fluorobiphenyl
Concen: 3.47 ng
RT: 13.46 min Scan# 904
Delta R.T. -0.00 min
Lab File: BE092194.D
Acq: 4 Aug 2016 22:26

Instrument :
BNA_E
ClientSampleId :
GW-53-18.5-20.0

Tgt Ion:172 Resp: 29046

Ion	Ratio	Lower	Upper
172	100		
171	32.8	30.3	45.5
170	20.9	21.6	32.4#

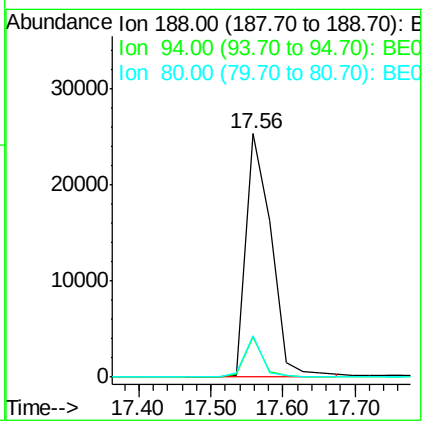


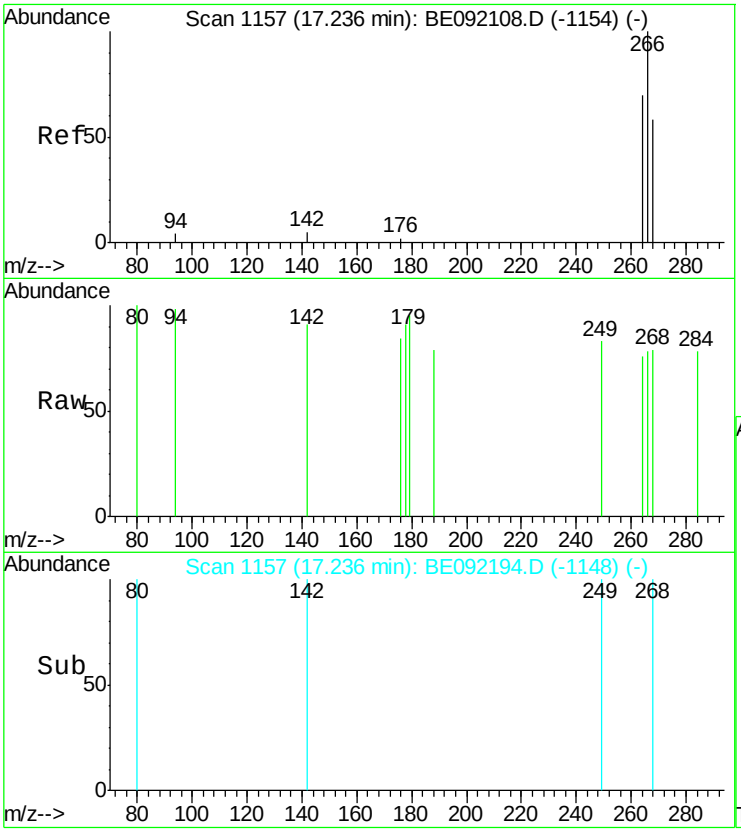


#16
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1171
Delta R.T. -0.02 min
Lab File: BE092194.D
Acq: 4 Aug 2016 22:26

Tgt Ion:188 Resp: 61391

Ion	Ratio	Lower	Upper
188	100		
94	16.6	3.9	5.9#
80	17.2	3.4	5.0#



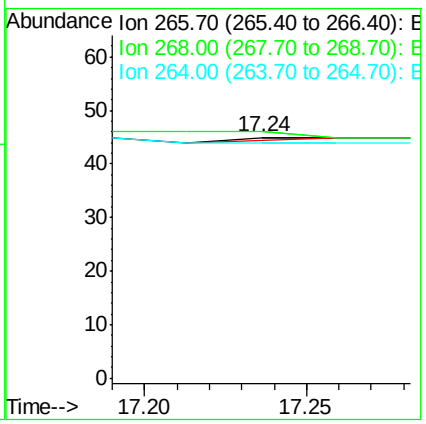


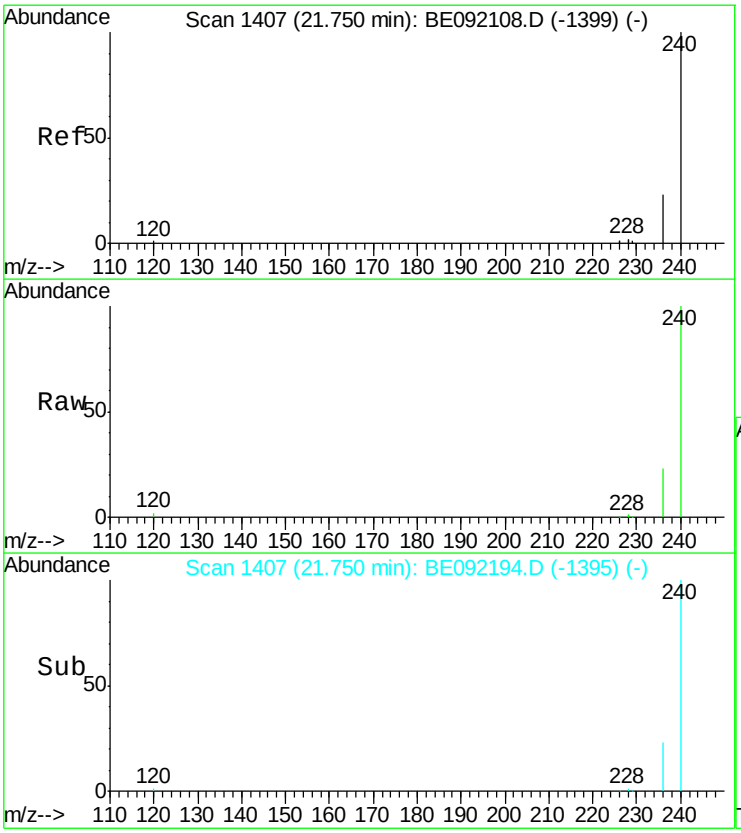
#18
Pentachlorophenol
Concen: 0.19 ng
RT: 17.24 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BE092194.D
Acq: 4 Aug 2016 22:26

Instrument :
BNA_E
ClientSampleId :
GW-53-18.5-20.0

Tgt Ion:266 Resp: 1

Ion	Ratio	Lower	Upper
266	100		
268	102.2	62.7	94.1#
264	97.8	63.5	95.3#

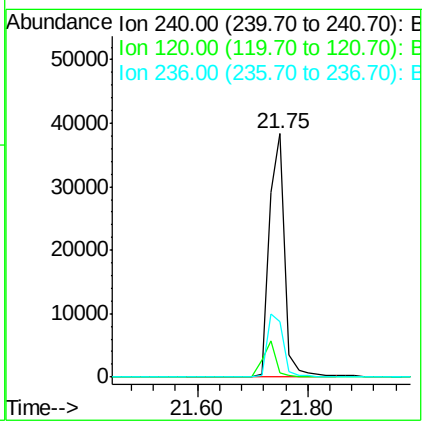


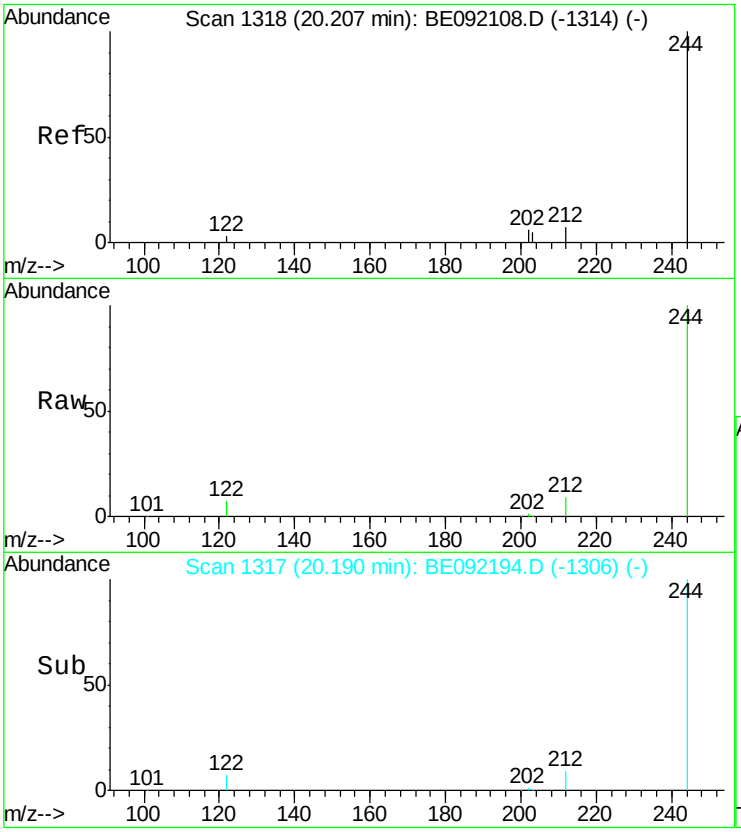


#22
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BE092194.D
Acq: 4 Aug 2016 22:26

Tgt Ion:240 Resp: 74499

Ion	Ratio	Lower	Upper
240	100		
120	1.6	0.6	1.0#
236	22.8	18.2	27.4



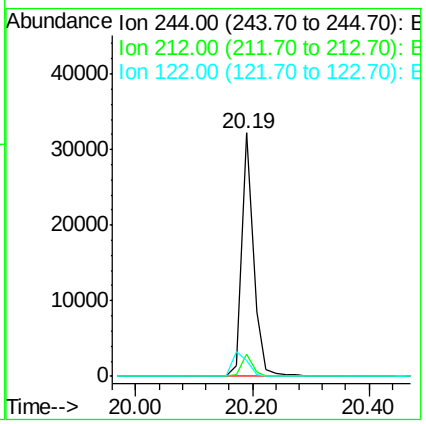


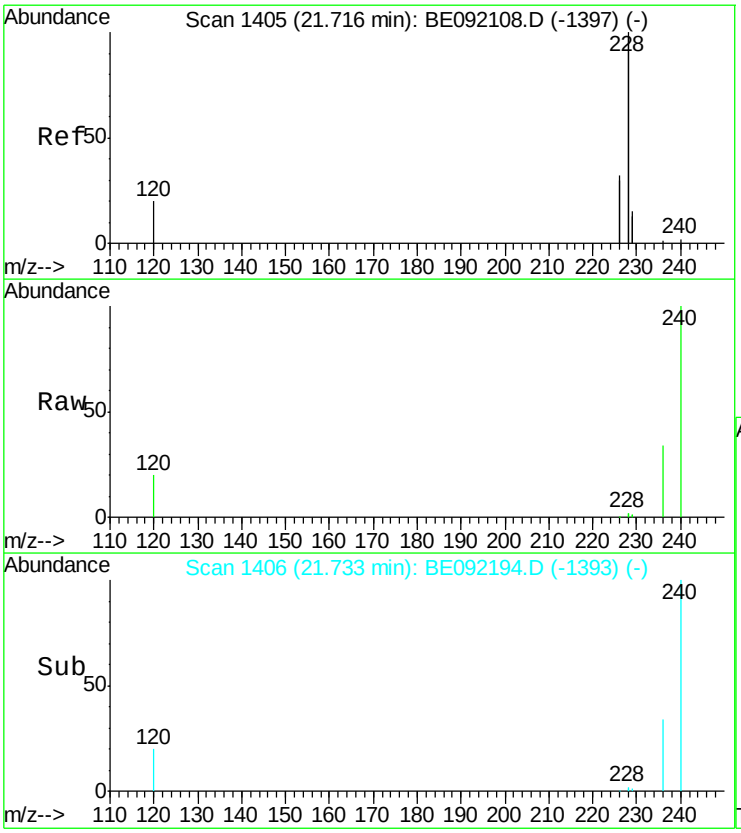
#24
Terphenyl-d14
Concen: 4.18 ng
RT: 20.19 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BE092194.D
Acq: 4 Aug 2016 22:26

Instrument :
BNA_E
ClientSampleId :
GW-53-18.5-20.0

Tgt Ion:244 Resp: 44730

Ion	Ratio	Lower	Upper
244	100		
212	9.0	9.1	13.7#
122	6.7	11.0	16.4#

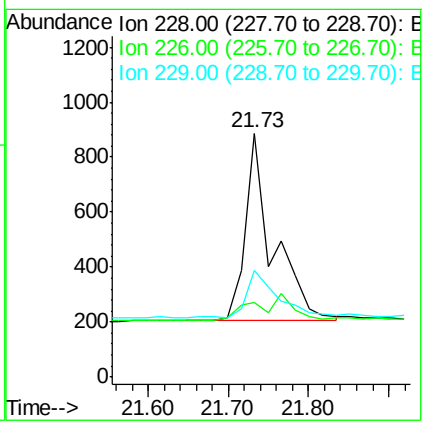


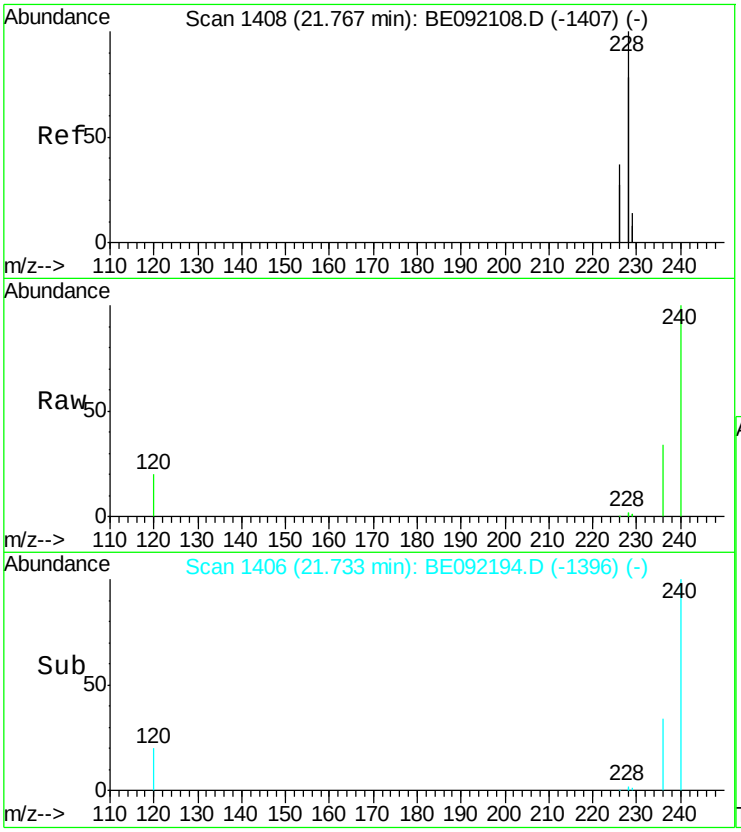


#25
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.73 min Scan# 1406
Delta R.T. 0.02 min
Lab File: BE092194.D
Acq: 4 Aug 2016 22:26

Tgt Ion:228 Resp: 1639

Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.1	33.1
229	43.8	15.1	22.7#



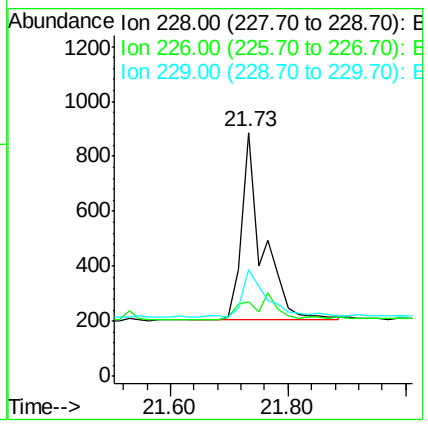


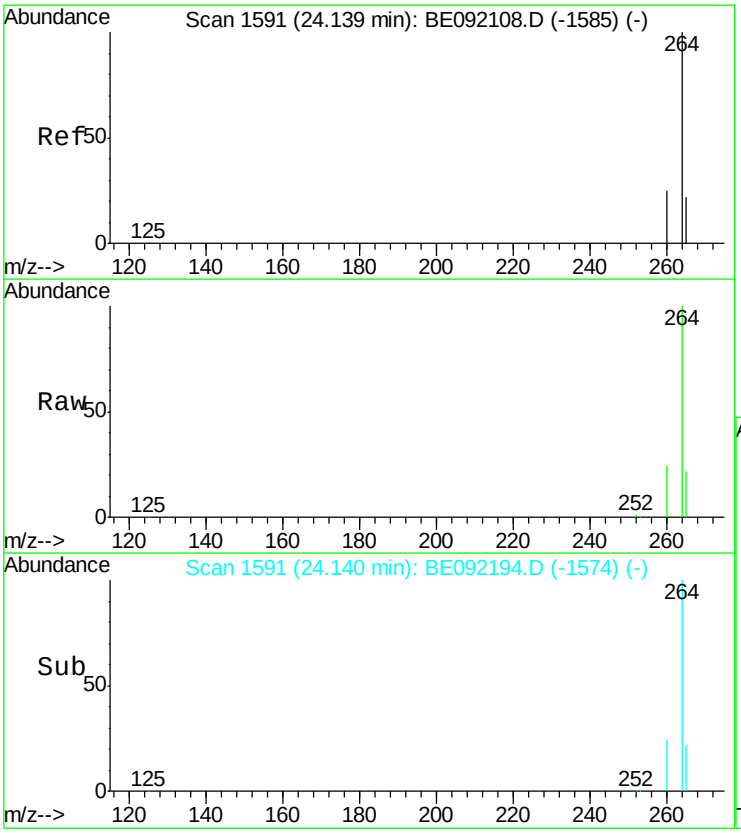
#26
Chrysene
Concen: 0.02 ng
RT: 21.73 min Scan# 1406
Delta R.T. -0.03 min
Lab File: BE092194.D
Acq: 4 Aug 2016 22:26

Instrument :
BNA_E
ClientSampleId :
GW-53-18.5-20.0

Tgt Ion:228 Resp: 1680

Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.3	33.5
229	43.8	16.9	25.3#





#28
Perylene-d12
Concen: 5.00 ng
RT: 24.14 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BE092194.D
Acq: 4 Aug 2016 22:26

Tgt Ion:264 Resp: 75991

Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.8	31.2
265	22.4	16.6	25.0