Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\Data\BE093016\
Data File : BE092437.D
Acq On : 30 Sep 2016 15:50
Operator : UM/SJ
Sample : H5012-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 30 19:06:38 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 22 18:25:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.164	152	8964	5.00	ng	-0.02
7) Naphthalene-d8	10.952	136	35535	5.00	ng	0.00
12) Acenaphthene-d10	14.816	164	24068	5.00	ng	0.00
18) Phenanthrene-d10	17.579	188	45016	5.00	ng	0.02
24) Chrysene-d12	21.746	240	63563	5.00	ng	0.00
31) Perylene-d12	24.123	264	59344	5.00	ng	0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.671	112	14375	6.81	ng	-0.02
5) Phenol-d6	7.335	99	17187	5.72	ng	-0.02
8) Nitrobenzene-d5	9.362	82	6758	2.71	ng	0.00
13) 2,4,6-Tribromophenol	16.318	330	3086	3.71	ng	0.00
14) 2-Fluorobiphenyl	13.445	172	18747	3.29	ng	0.00
26) Terphenyl-d14	20.190	244	24341	3.09	ng	0.02
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.872	42	17	0.20	ng	# 18
6) bis(2-Chloroethyl)ether	7.681	93	22	0.10	ng	# 1
20) Pentachlorophenol	17.234	266	1	0.18	ng	# 72
27) Benzo(a)anthracene	21.746	228	1603	0.03	ng	# 61
28) Chrysene	21.746	228	1636	0.03	ng	# 69

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\Data\BE093016\
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Acq On : 30 Sep 2016 15:50
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Misc :
ALS Vial : 4 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 22 18:25:56 2016
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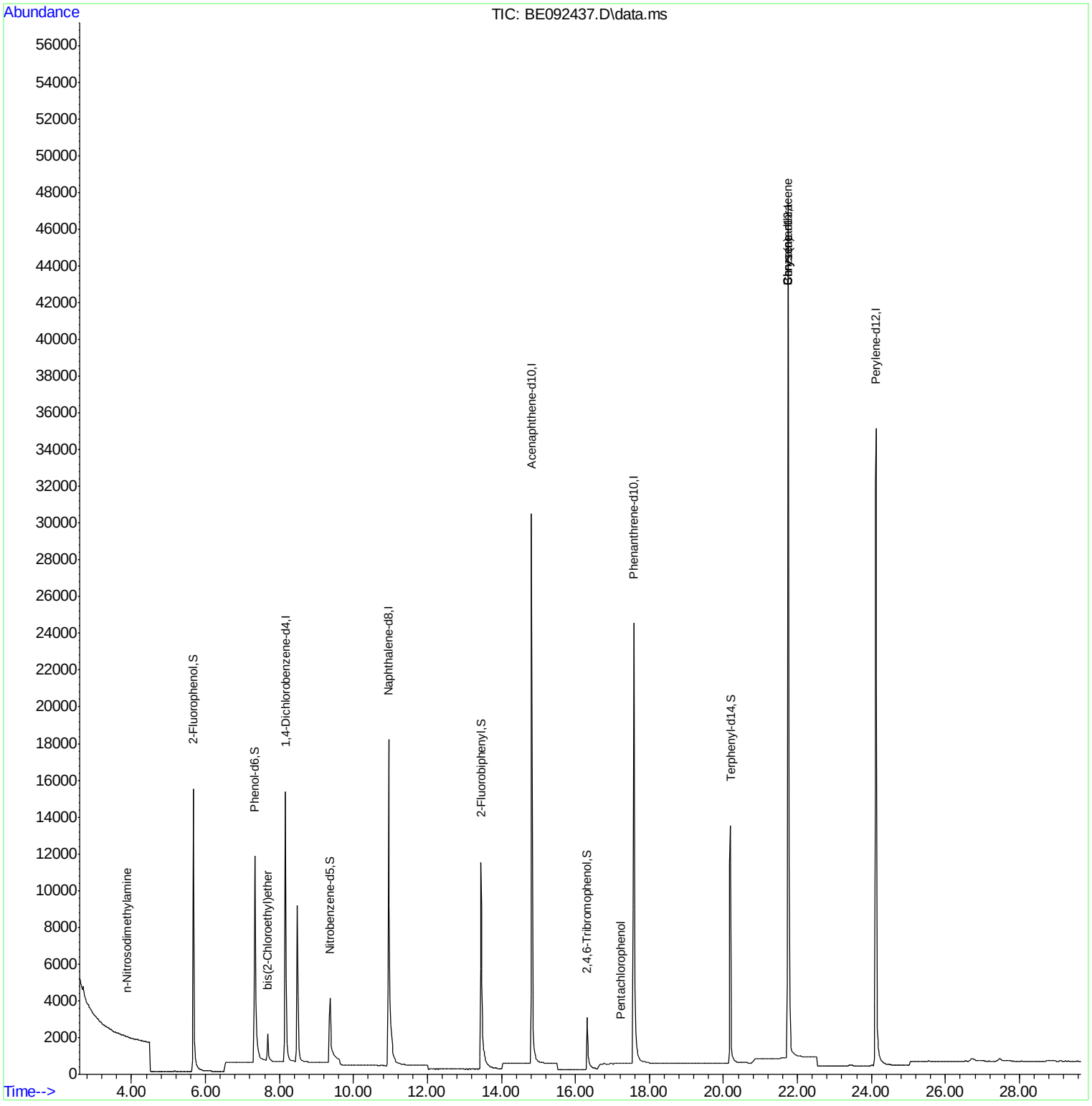
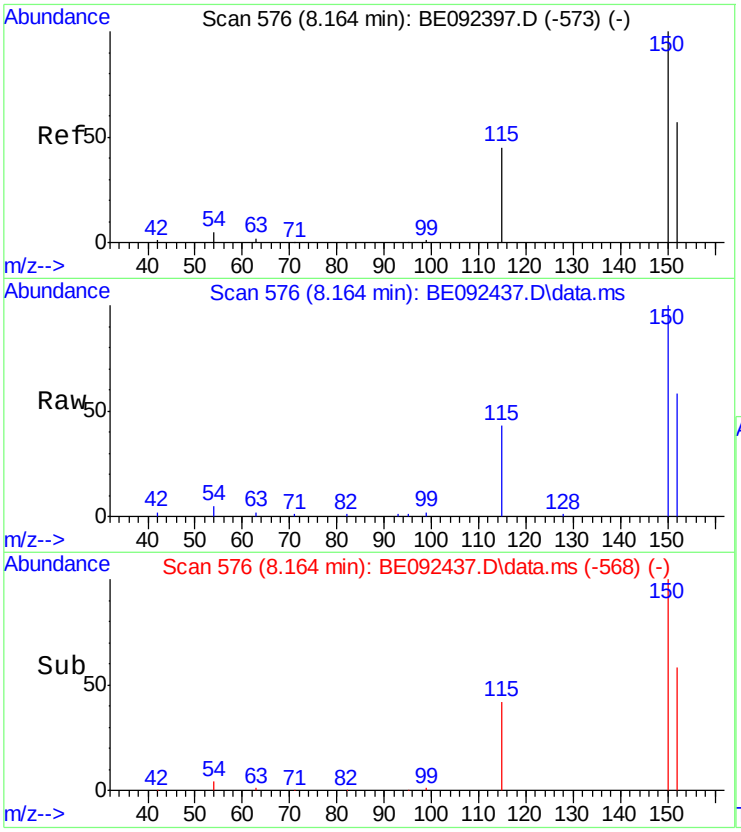


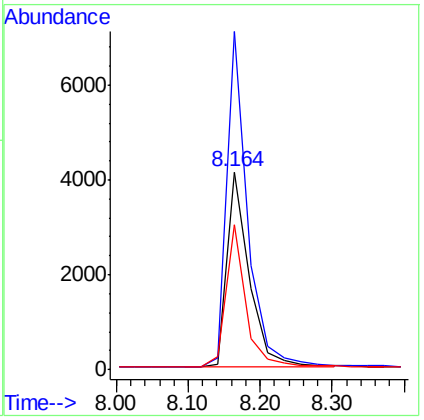


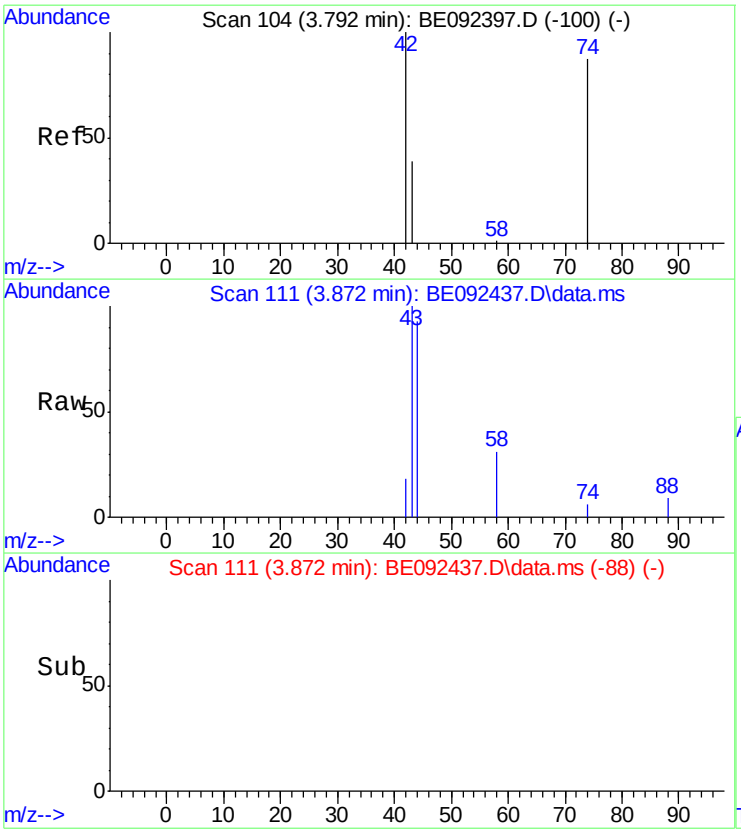
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.164 min Scan# 57
Delta R.T. -0.023 min
Lab File: BE092437.D
Acq: 30 Sep 2016 15:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 8964

Ion	Ratio	Lower	Upper
152	100		
150	171.0	106.0	159.0#
115	73.5	31.2	46.8#

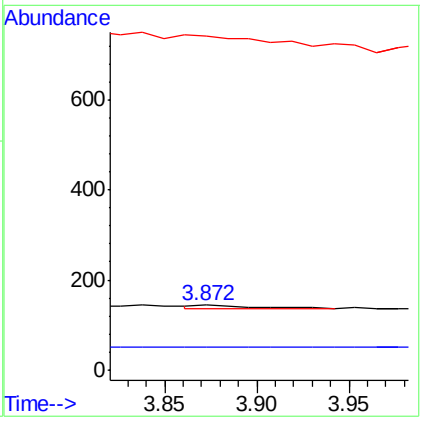


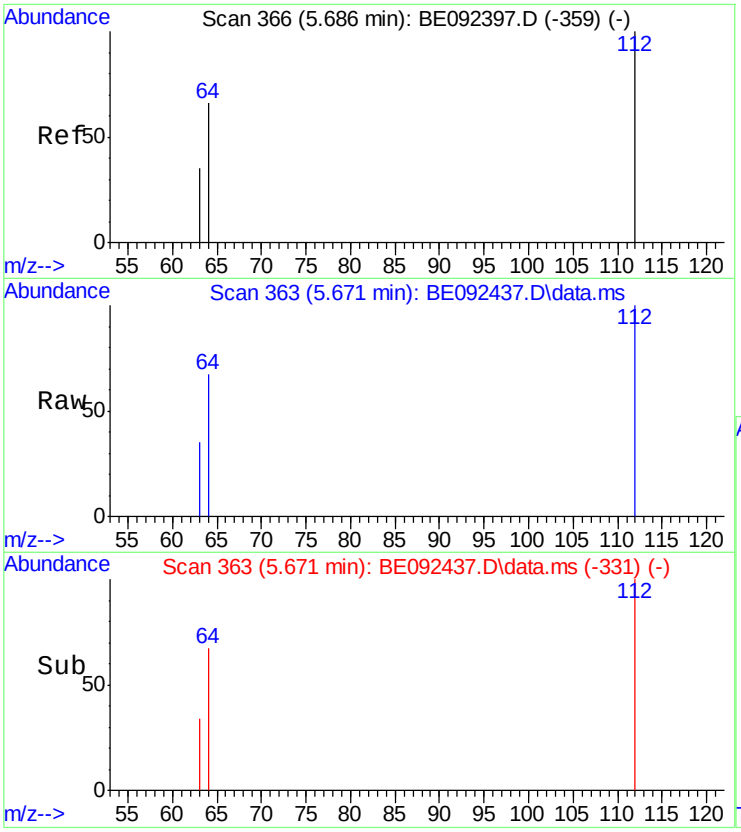


#3
n-Nitrosodimethylamine
Concen: 0.20 ng
RT: 3.872 min Scan# 111
Delta R.T. 0.070 min
Lab File: BE092437.D
Acq: 30 Sep 2016 15:50

Tgt Ion: 42 Resp: 17

Ion	Ratio	Lower	Upper
42	100		
74	17.6	86.0	129.0#
44	0.0	5.1	7.7#



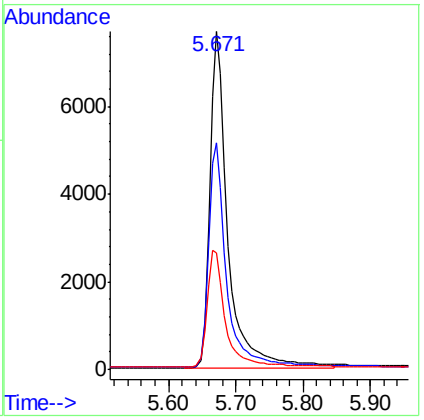


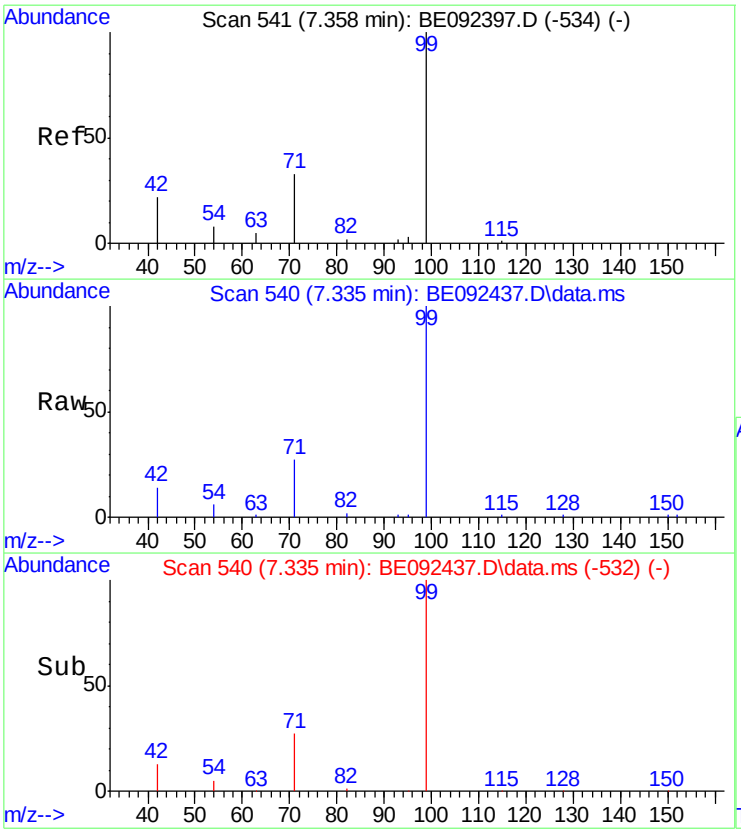
#4
2-Fluorophenol
Concen: 6.81 ng
RT: 5.671 min Scan# 36
Delta R.T. -0.015 min
Lab File: BE092437.D
Acq: 30 Sep 2016 15:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 14375

Ion	Ratio	Lower	Upper
112	100		
64	67.5	53.5	80.3
63	36.0	27.9	41.9

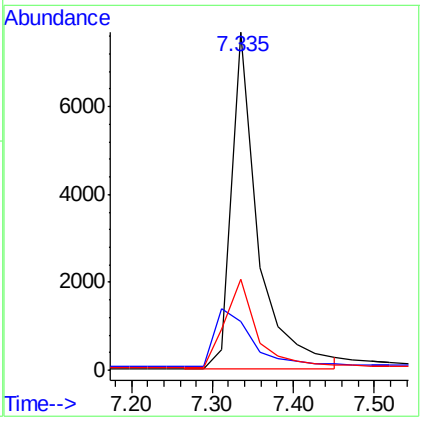


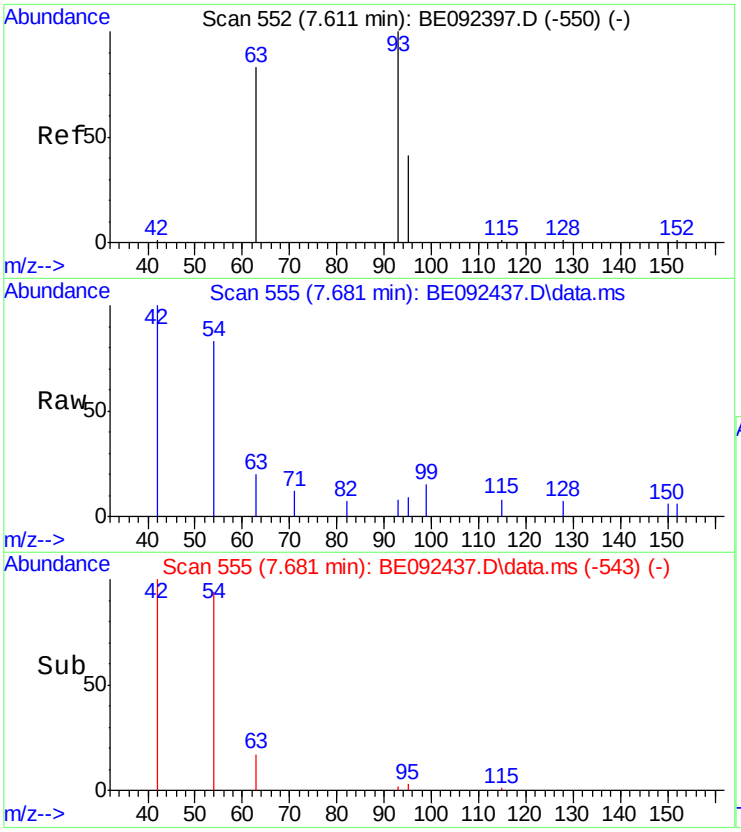


#5
Phenol-d6
Concen: 5.72 ng
RT: 7.335 min Scan# 540
Delta R.T. -0.023 min
Lab File: BE092437.D
Acq: 30 Sep 2016 15:50

Tgt Ion: 99 Resp: 17187

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.0	24.0#
71	32.9	30.6	45.8



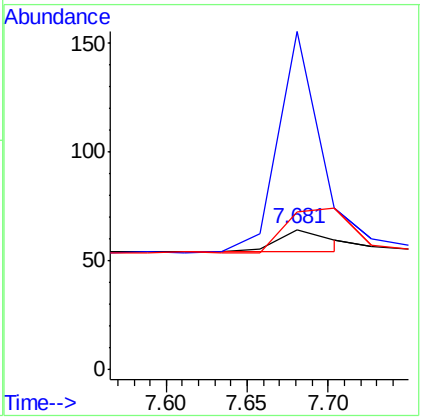


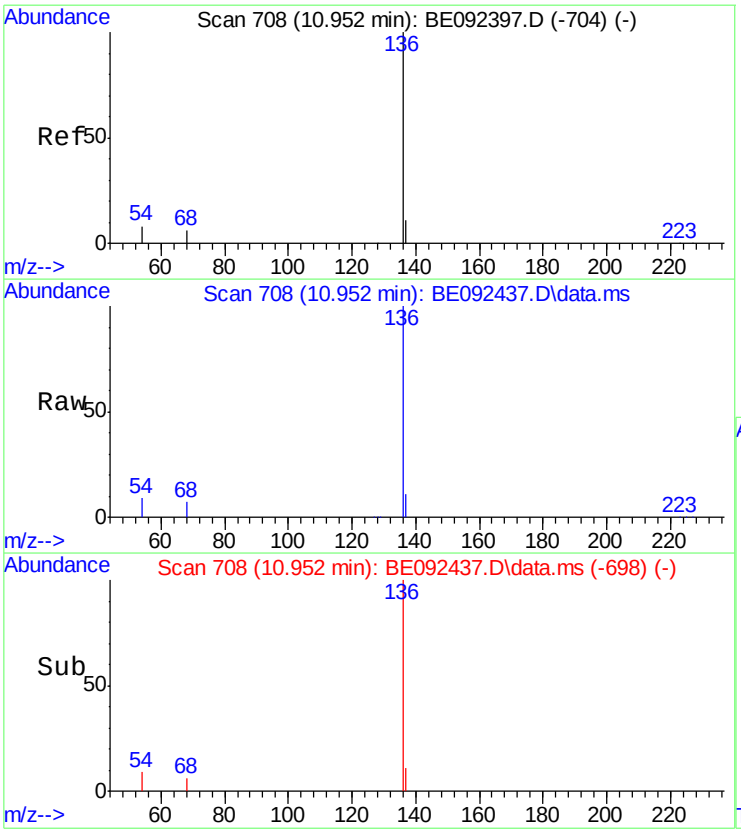
#6
bis(2-Chloroethyl)ether
Concen: 0.10 ng
RT: 7.681 min Scan# 55
Delta R.T. 0.070 min
Lab File: BE092437.D
Acq: 30 Sep 2016 15:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 93 Resp: 22

Ion	Ratio	Lower	Upper
93	100		
63	840.9	71.6	107.4#
95	0.0	24.0	36.0#

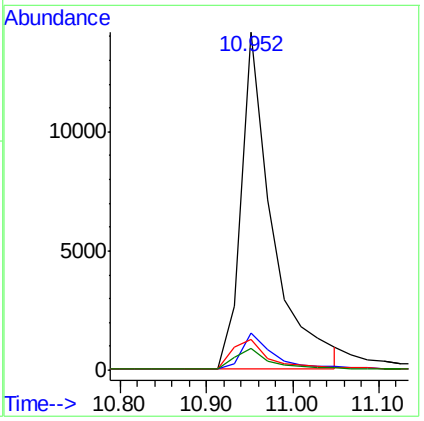


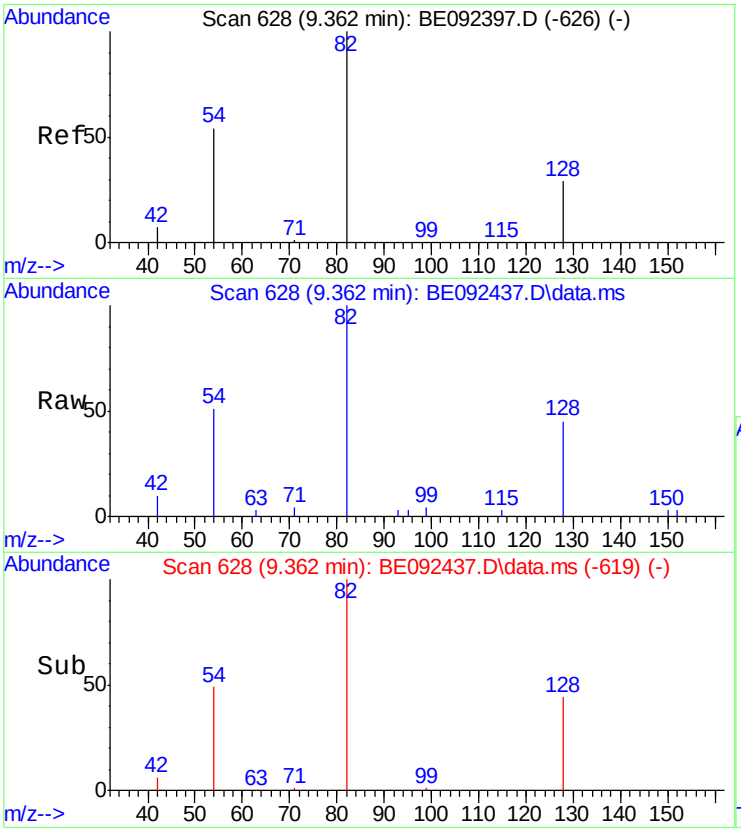


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.952 min Scan# 708
Delta R.T. -0.000 min
Lab File: BE092437.D
Acq: 30 Sep 2016 15:50

Tgt Ion:136 Resp: 35535

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.2	12.4
54	9.1	9.6	14.4#
68	6.5	6.7	10.1#



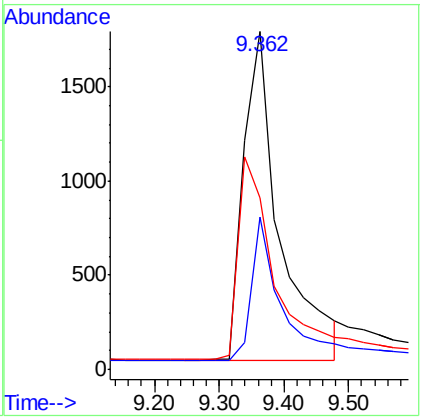


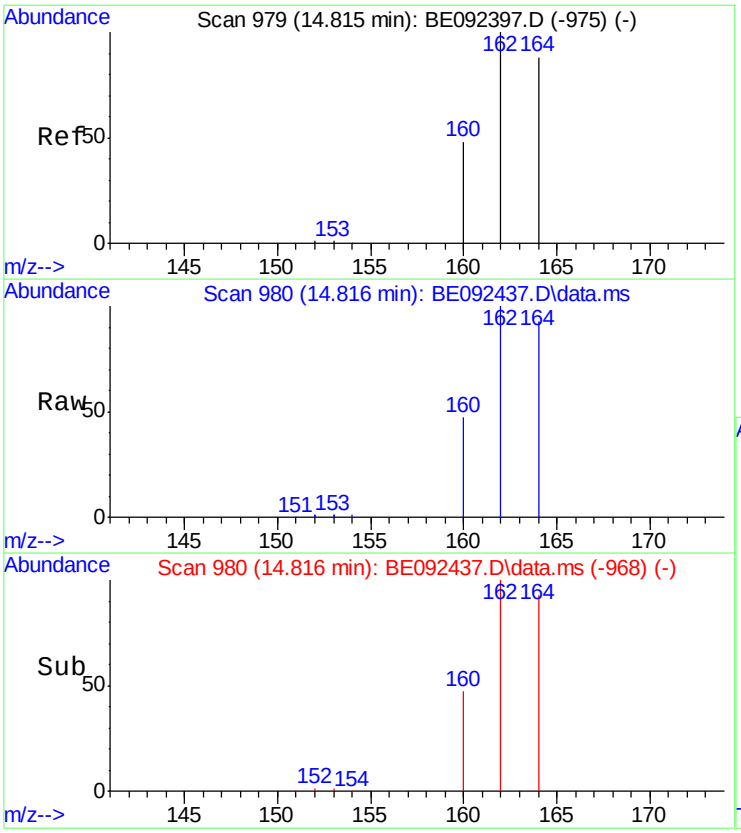
#8
Nitrobenzene-d5
Concen: 2.71 ng
RT: 9.362 min Scan# 62
Delta R.T. 0.000 min
Lab File: BE092437.D
Acq: 30 Sep 2016 15:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 6758

Ion	Ratio	Lower	Upper
82	100		
128	45.1	39.0	58.4
54	50.7	44.8	67.2

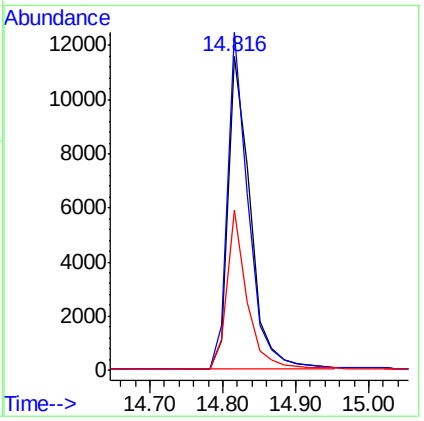


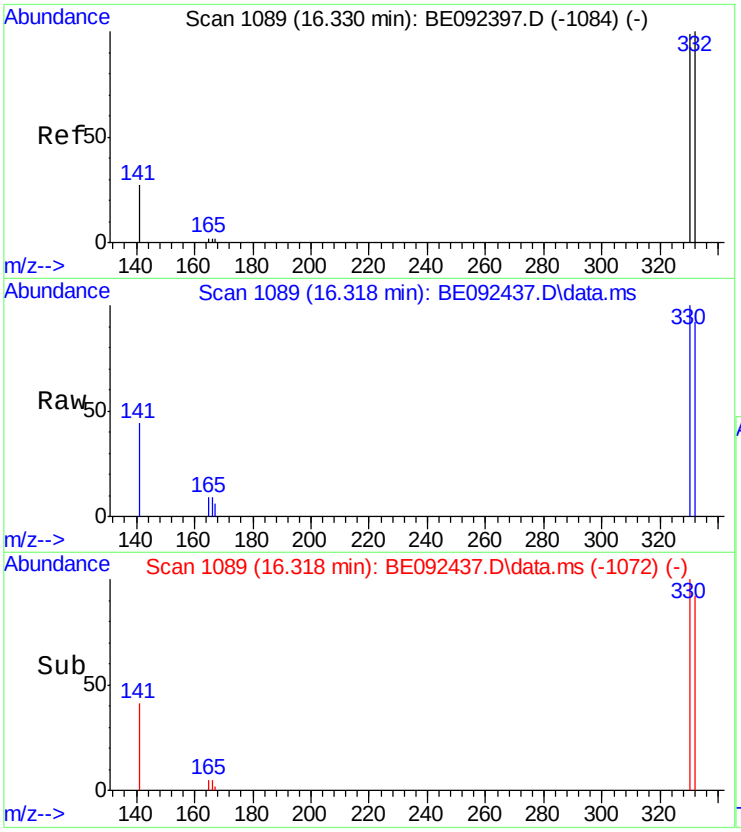


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.816 min Scan# 980
Delta R.T. 0.001 min
Lab File: BE092437.D
Acq: 30 Sep 2016 15:50

Tgt Ion:164 Resp: 24068

Ion	Ratio	Lower	Upper
164	100		
162	107.7	71.4	107.0#
160	51.1	27.4	41.2#



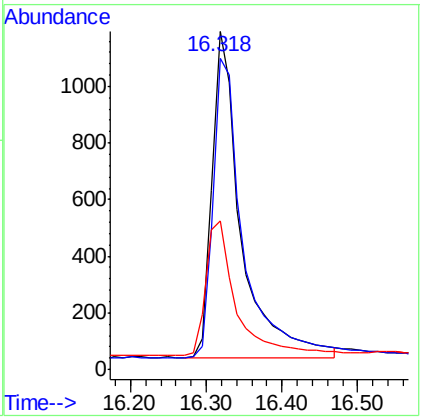


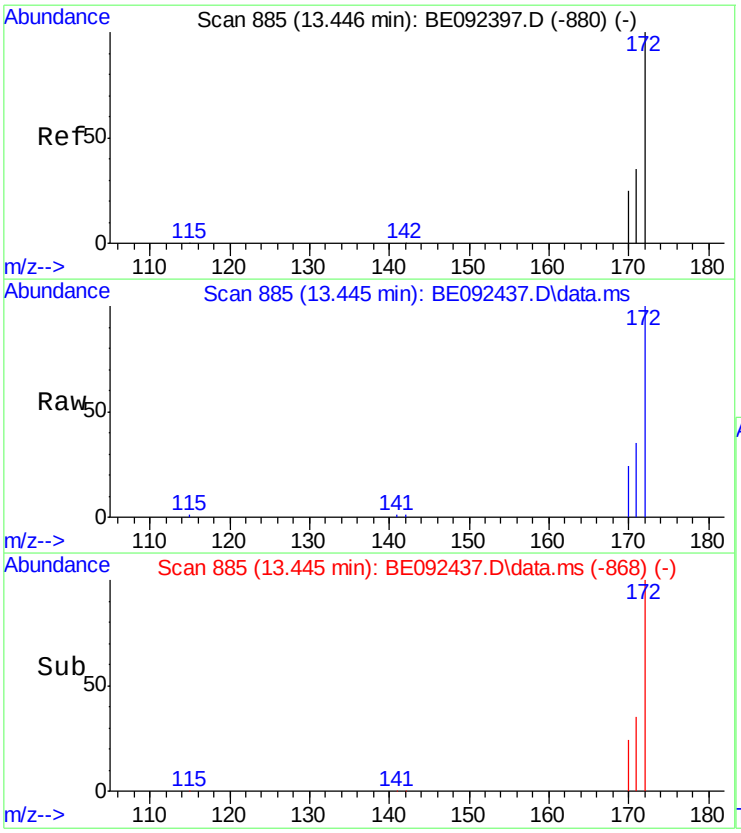
#13
2,4,6-Tribromophenol
Concen: 3.71 ng
RT: 16.318 min Scan# 10
Delta R.T. 0.000 min
Lab File: BE092437.D
Acq: 30 Sep 2016 15:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 3086

Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.4	113.0
141	43.6	31.0	46.6

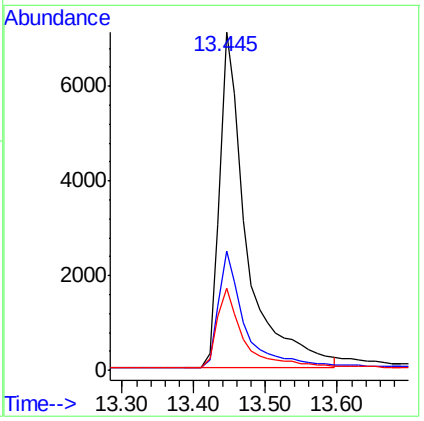


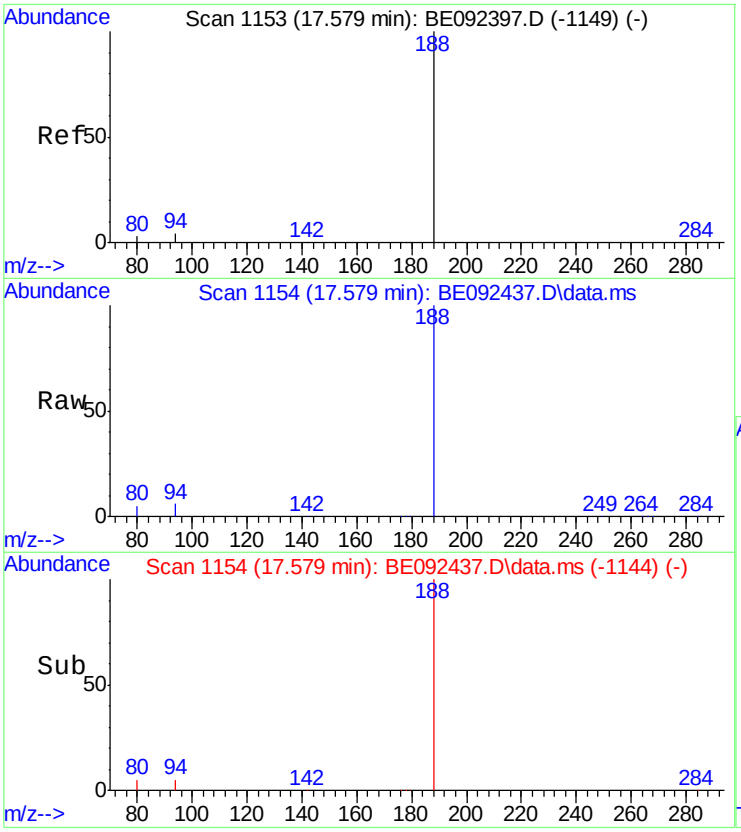


#14
2-Fluorobiphenyl
Concen: 3.29 ng
RT: 13.445 min Scan# 885
Delta R.T. -0.000 min
Lab File: BE092437.D
Acq: 30 Sep 2016 15:50

Tgt Ion:172 Resp: 18747

Ion	Ratio	Lower	Upper
172	100		
171	35.1	30.1	45.1
170	24.2	21.8	32.6



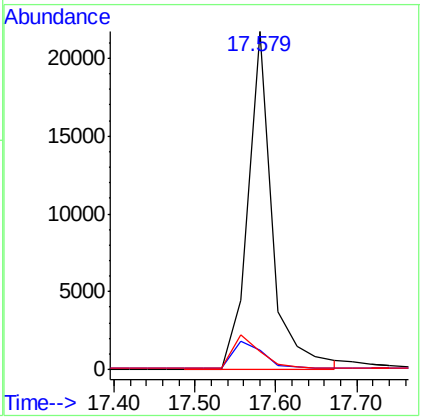


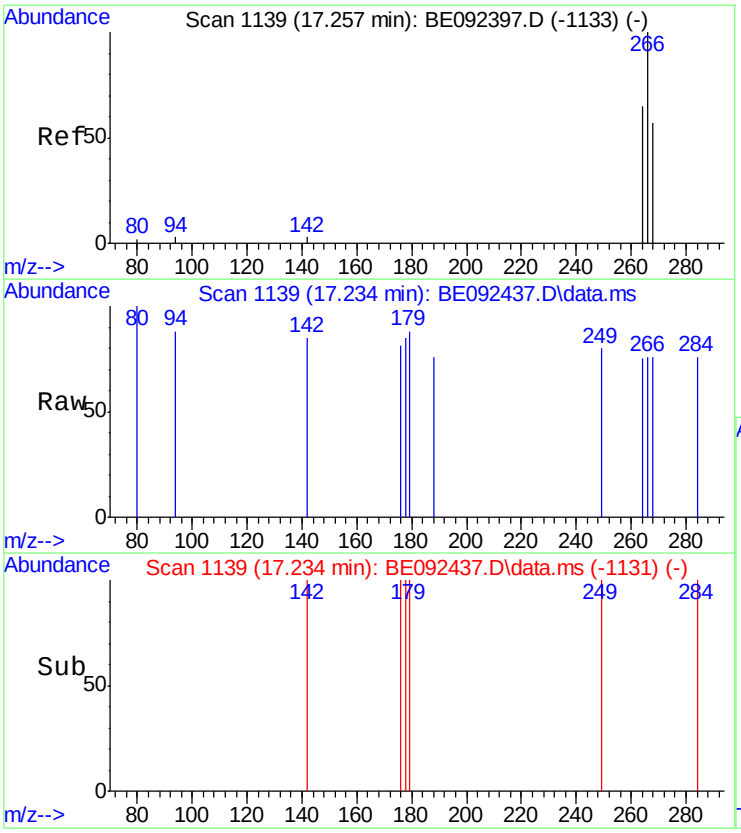
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.579 min Scan# 11
Delta R.T. 0.023 min
Lab File: BE092437.D
Acq: 30 Sep 2016 15:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 45016

Ion	Ratio	Lower	Upper
188	100		
94	5.6	3.2	4.8#
80	5.2	2.6	3.8#

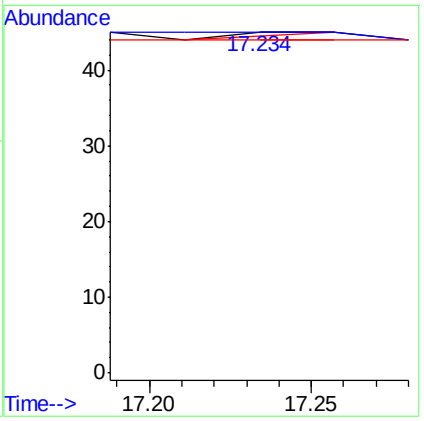


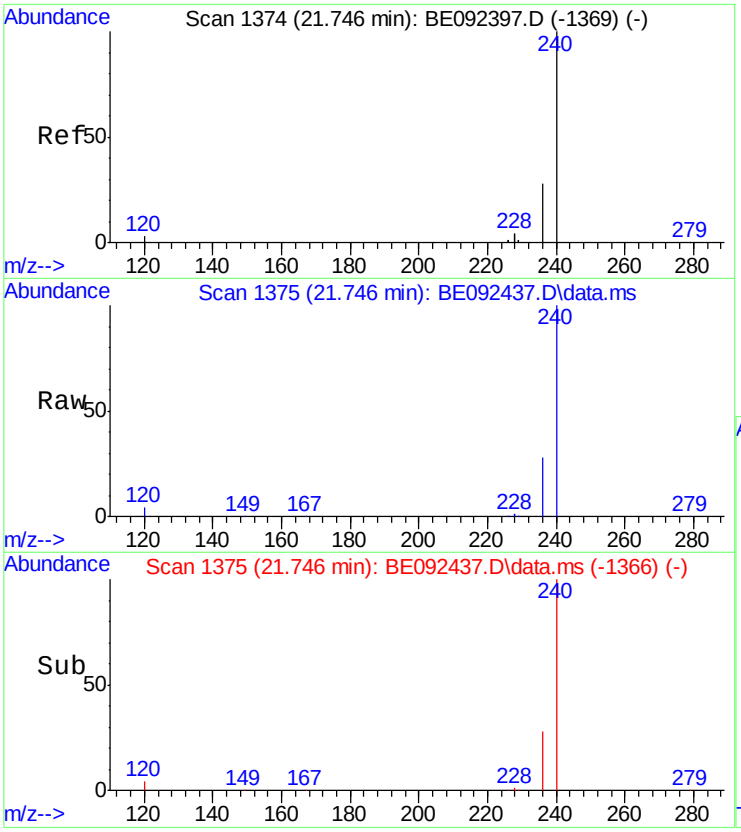


#20
Pentachlorophenol
Concen: 0.18 ng
RT: 17.234 min Scan# 1139
Delta R.T. -0.023 min
Lab File: BE092437.D
Acq: 30 Sep 2016 15:50

Tgt Ion:266 Resp: 1

Ion	Ratio	Lower	Upper
266	100		
268	100.0	62.5	93.7#
264	97.8	57.2	85.8#



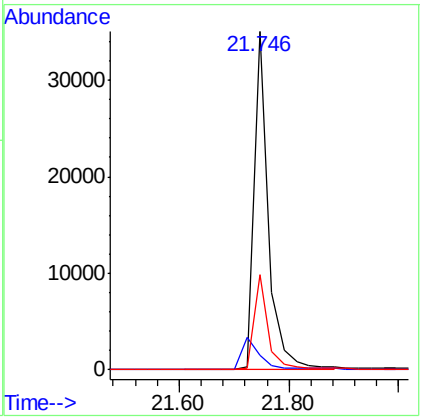


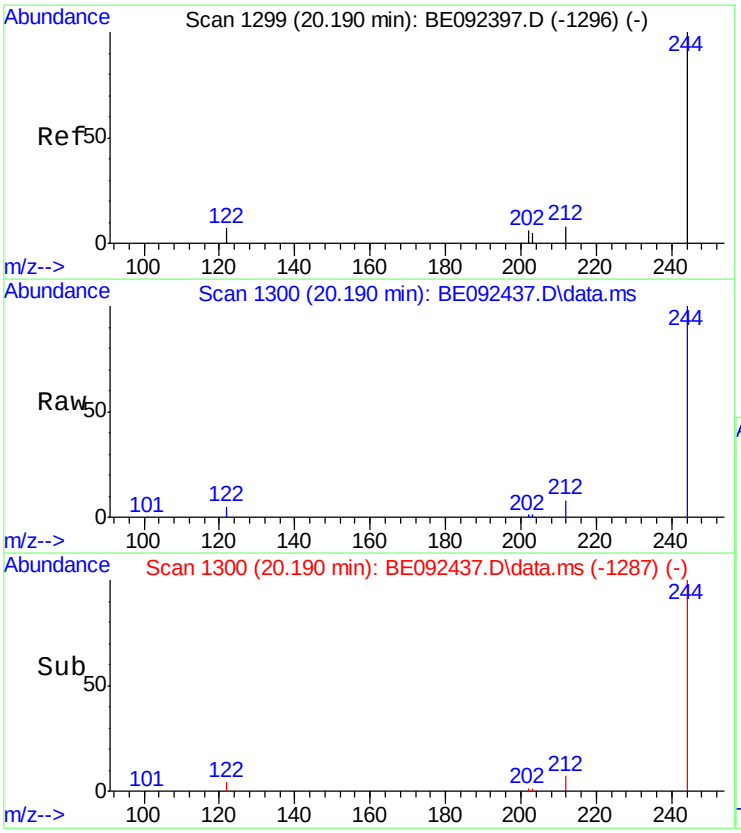
#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.746 min Scan# 13
Delta R.T. -0.000 min
Lab File: BE092437.D
Acq: 30 Sep 2016 15:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 63563

Ion	Ratio	Lower	Upper
240	100		
120	4.2	2.6	4.0#
236	28.0	24.6	37.0

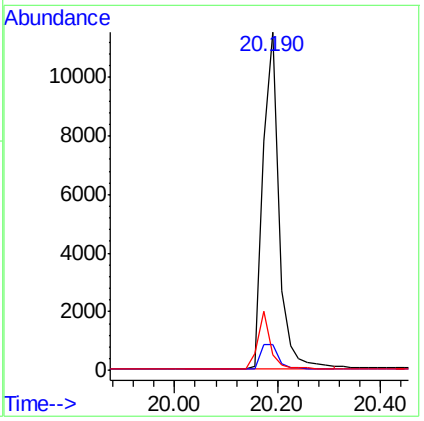


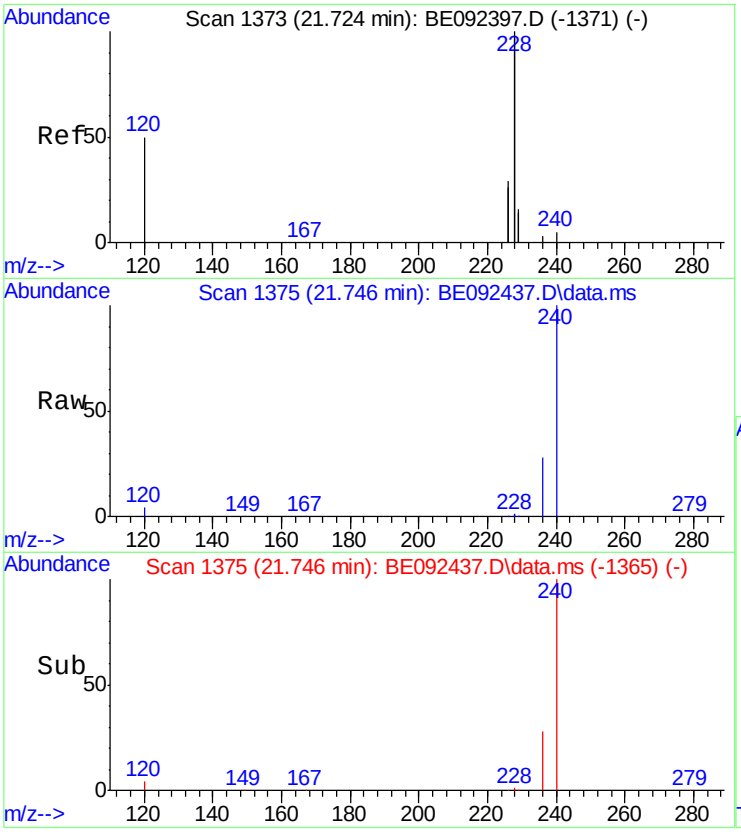


#26
Terphenyl-d14
Concen: 3.09 ng
RT: 20.190 min Scan# 1300
Delta R.T. 0.017 min
Lab File: BE092437.D
Acq: 30 Sep 2016 15:50

Tgt Ion:244 Resp: 24341

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.7	10.1
122	4.6	3.6	5.4



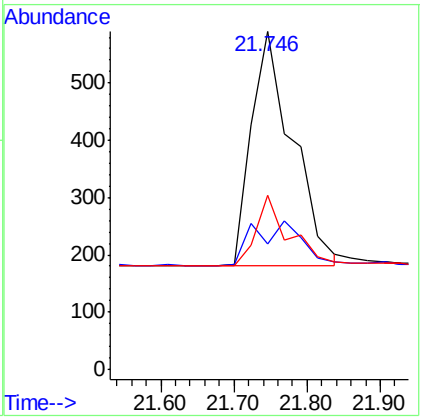


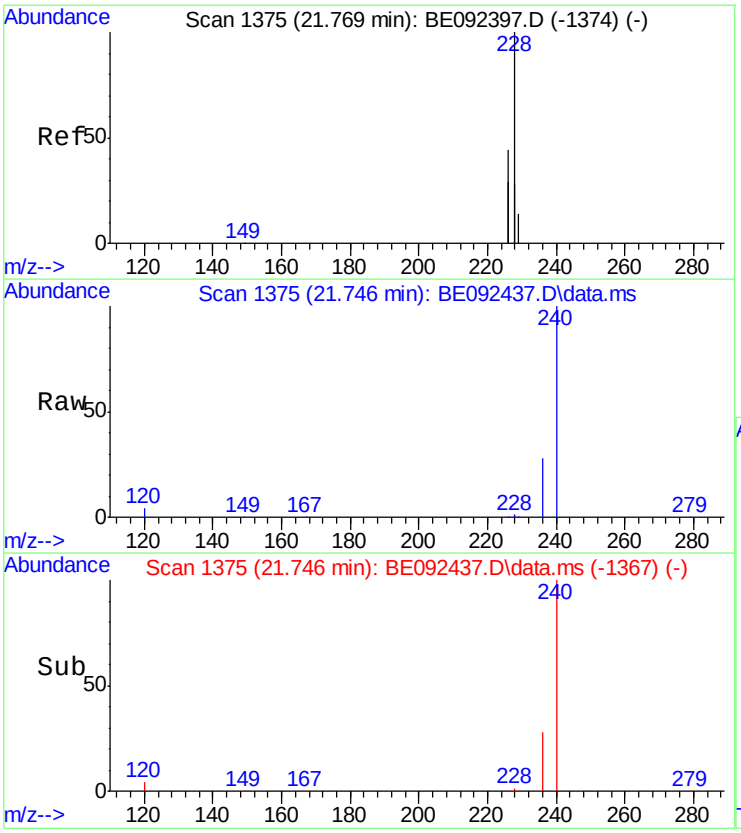
#27
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.746 min Scan# 13
Delta R.T. 0.022 min
Lab File: BE092437.D
Acq: 30 Sep 2016 15:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 1603

Ion	Ratio	Lower	Upper
228	100		
226	37.3	23.6	35.4#
229	51.5	13.3	19.9#

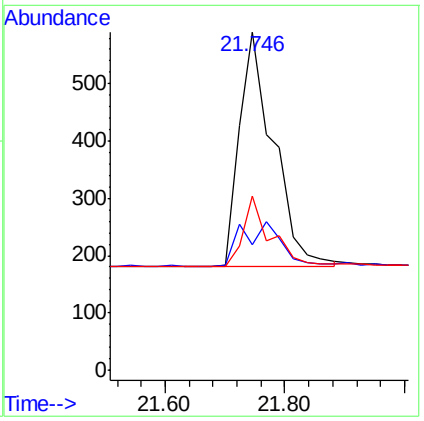


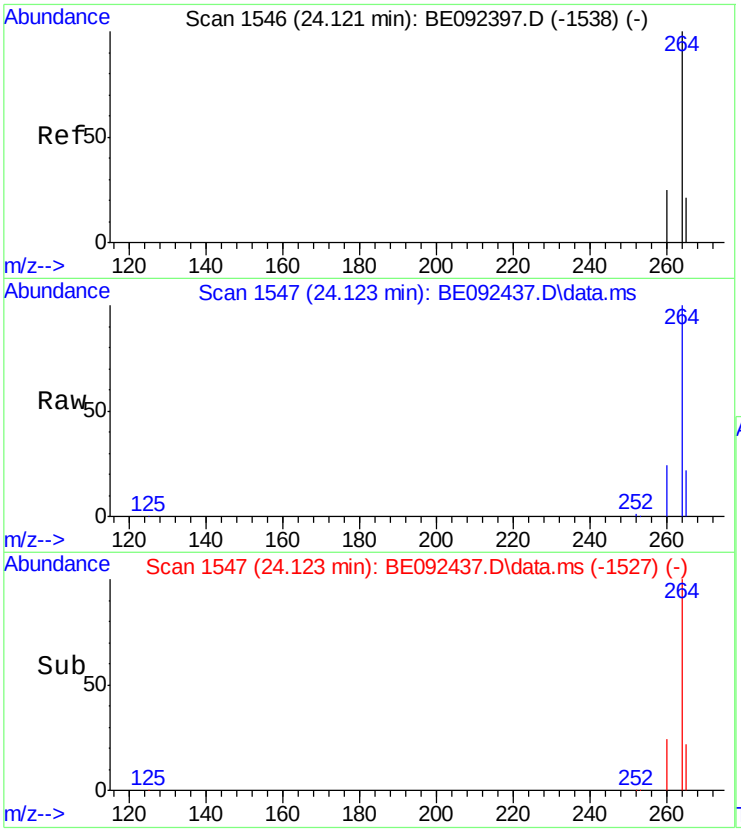


#28
Chrysene
Concen: 0.03 ng
RT: 21.746 min Scan# 1375
Delta R.T. -0.022 min
Lab File: BE092437.D
Acq: 30 Sep 2016 15:50

Tgt Ion:228 Resp: 1636

Ion	Ratio	Lower	Upper
228	100		
226	37.3	36.3	54.5
229	51.5	10.6	16.0#





#31
Perylene-d12
Concen: 5.00 ng
RT: 24.123 min Scan# 15
Delta R.T. 0.036 min
Lab File: BE092437.D
Acq: 30 Sep 2016 15:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 59344

Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.1	30.1
265	22.4	17.9	26.9