Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111816\
Data File : BE092565.D
Acq On : 18 Nov 2016 14:27
Operator : UM/SJ
Sample : H5636-04RX
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : CPS043044RX

Quant Time: Nov 18 23:22:40 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 16 15:43:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	9185	5.00	ng	-0.02
7) Naphthalene-d8	10.93	136	40166	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	27717	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	62872	5.00	ng	0.00
24) Chrysene-d12	21.72	240	96171	5.00	ng	0.00
31) Perylene-d12	24.08	264	81937	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.65	112	4721	3.04	ng	-0.02
5) Phenol-d6	7.33	99	3773	1.55	ng	-0.02
8) Nitrobenzene-d5	9.32	82	7084	2.75	ng	-0.05
13) 2,4,6-Tribromophenol	16.30	330	3890	6.26	ng	-0.01
14) 2-Fluorobiphenyl	13.42	172	18700	2.77	ng	-0.01
26) Terphenyl-d14	20.16	244	32876	2.99	ng	-0.02
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.51	42	69	0.22	ng	# 2
6) bis(2-Chloroethyl)ether	7.59	93	17	0.05	ng	# 15
19) Hexachlorobenzene	16.66	284	413	0.17	ng	# 19
20) Pentachlorophenol	17.26	266	7	0.02	ng	# 72
27) Benzo(a)anthracene	21.72	228	1147	0.11	ng	# 61
29) Bis(2-ethylhexyl)phthalate	21.61	149	461	0.19	ng	# 73
30) Indeno(1,2,3-cd)pyrene	26.62	276	354	0.05	ng	98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111816\
Data File : BE092565.D
Acq On : 18 Nov 2016 14:27
Operator : UM/SJ
Sample : H5636-04RX
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
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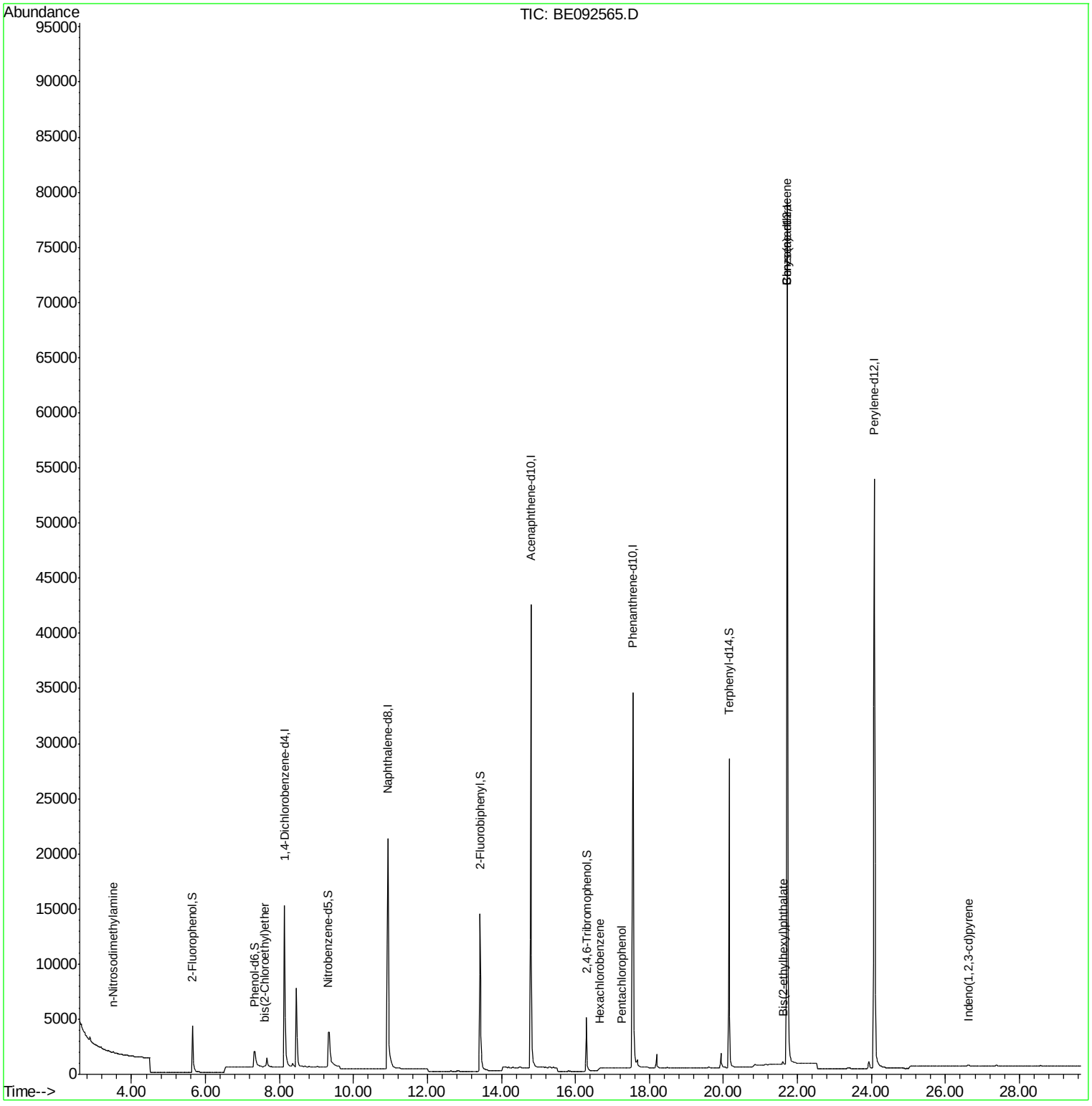
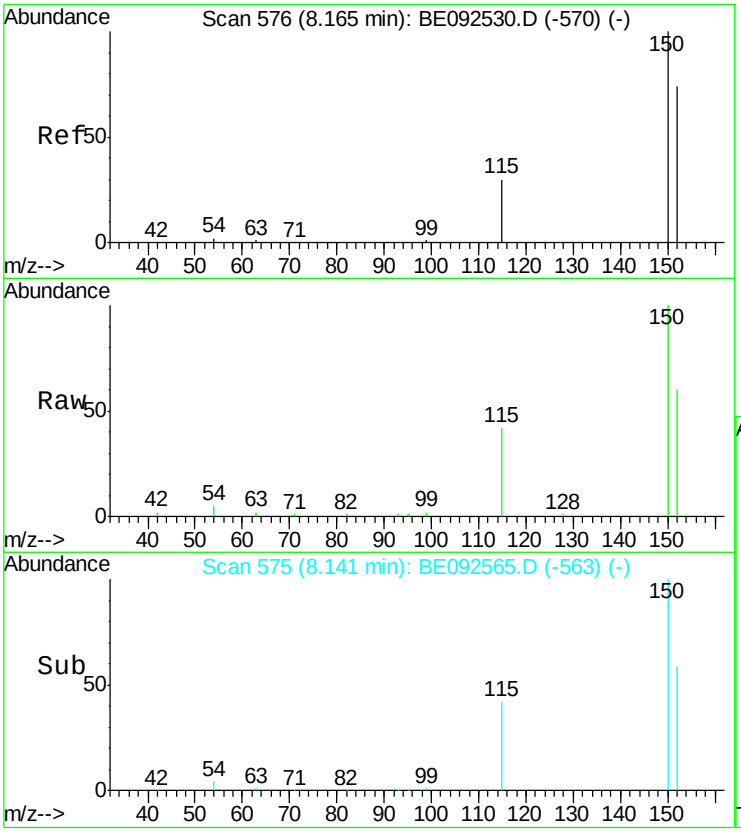
CPS043044RX

Quant Time: Nov 18 23:22:40 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 16 15:43:18 2016
Response via : Initial Calibration



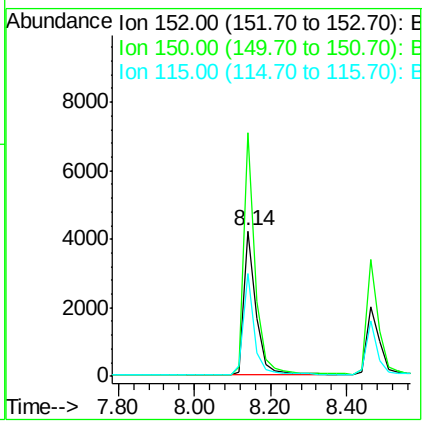


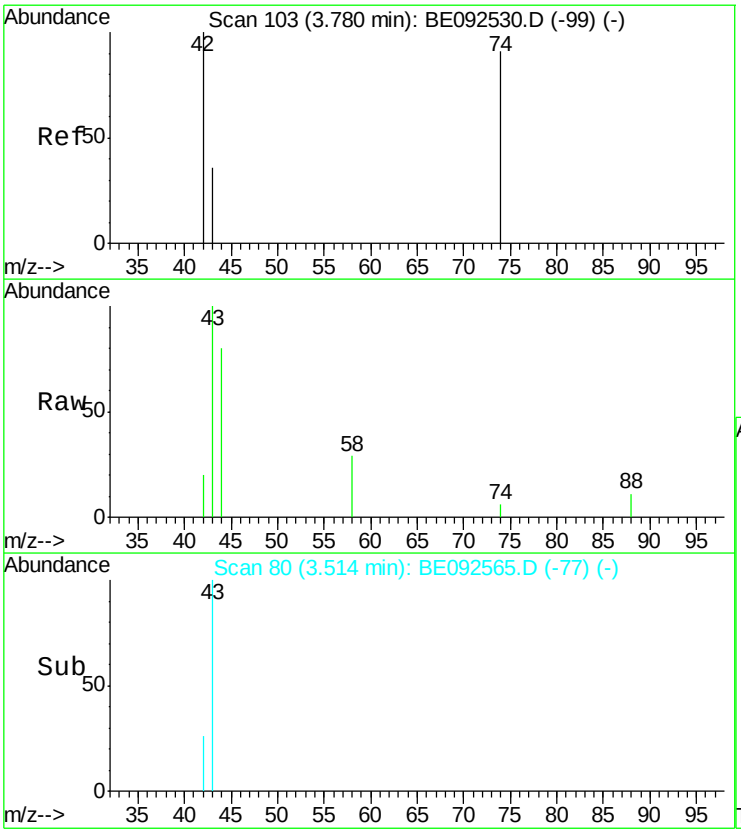
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.14 min Scan# 575
Delta R.T. -0.02 min
Lab File: BE092565.D
Acq: 18 Nov 2016 14:27

Instrument :
BNA_E
ClientSampleId :
CPS043044RX

Tgt Ion:152 Resp: 9185

Ion	Ratio	Lower	Upper
152	100		
150	167.3	106.0	159.0#
115	70.4	31.2	46.8#

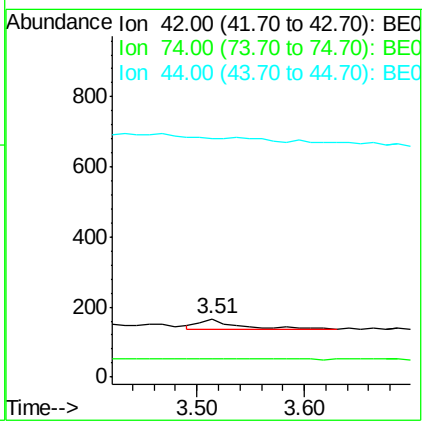


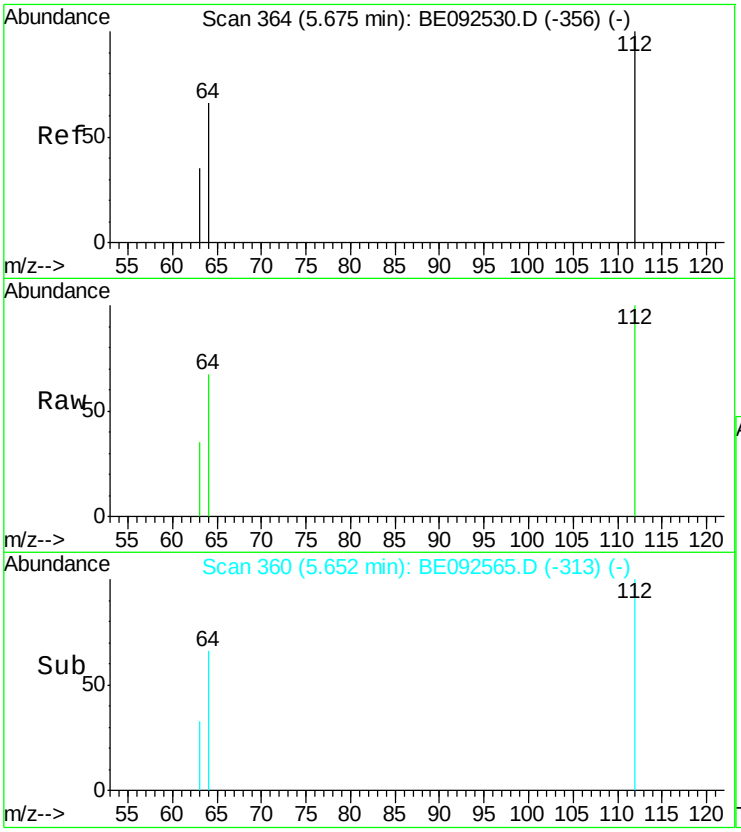


#3
n-Nitrosodimethylamine
Concen: 0.22 ng
RT: 3.51 min Scan# 80
Delta R.T. -0.27 min
Lab File: BE092565.D
Acq: 18 Nov 2016 14:27

Tgt Ion: 42 Resp: 69

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



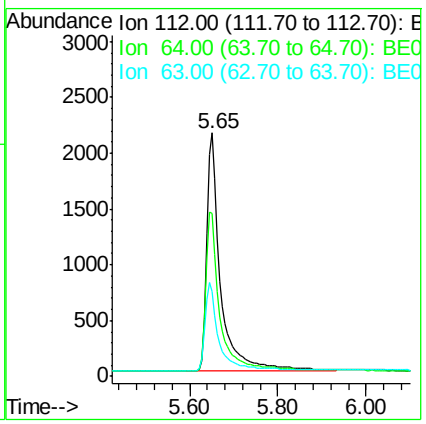


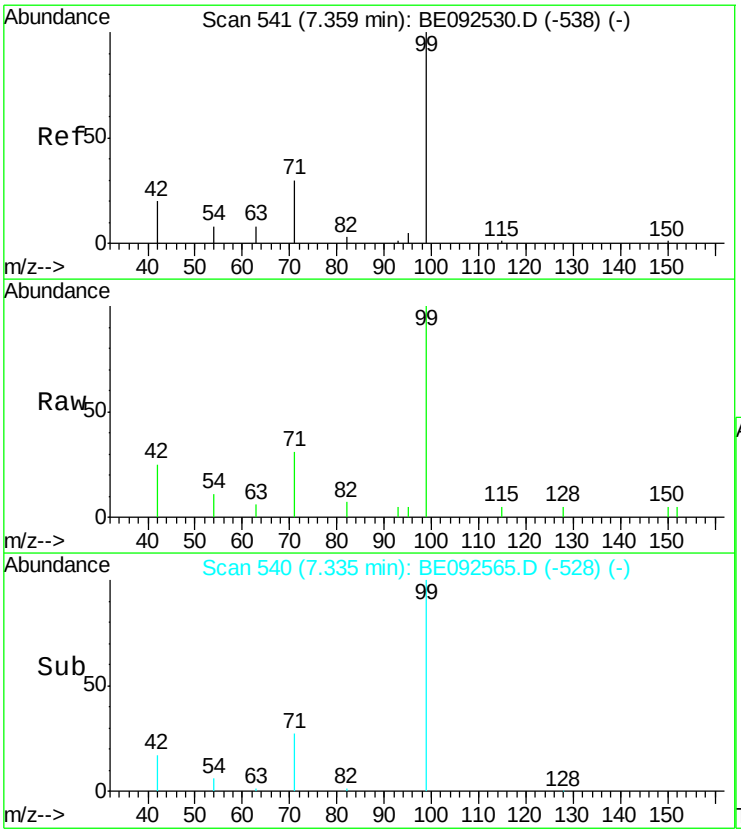
#4
2-Fluorophenol
Concen: 3.04 ng
RT: 5.65 min Scan# 360
Delta R.T. -0.02 min
Lab File: BE092565.D
Acq: 18 Nov 2016 14:27

Instrument :
BNA_E
ClientSampleId :
CPS043044RX

Tgt Ion:112 Resp: 4721

Ion	Ratio	Lower	Upper
112	100		
64	67.5	53.5	80.3
63	36.3	27.9	41.9

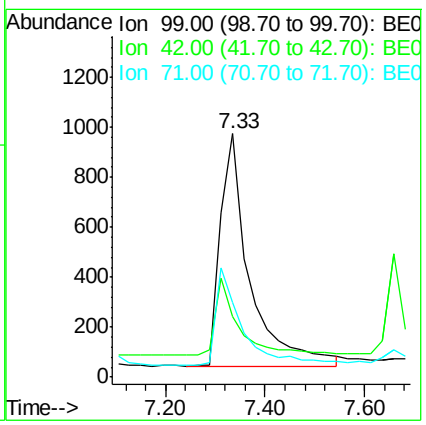


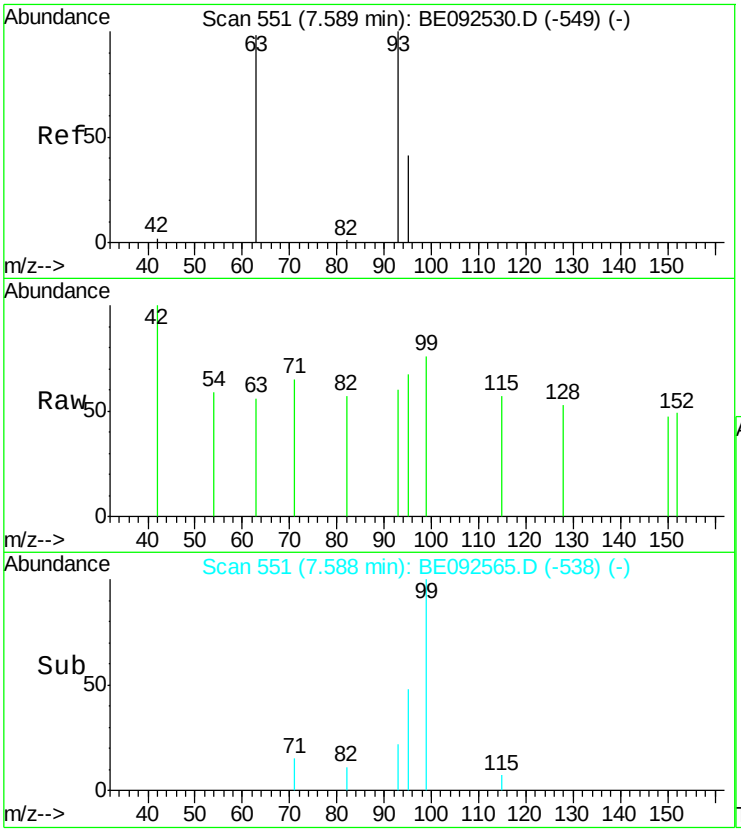


#5
Phenol-d6
Concen: 1.55 ng
RT: 7.33 min Scan# 540
Delta R.T. -0.02 min
Lab File: BE092565.D
Acq: 18 Nov 2016 14:27

Tgt Ion: 99 Resp: 3773

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



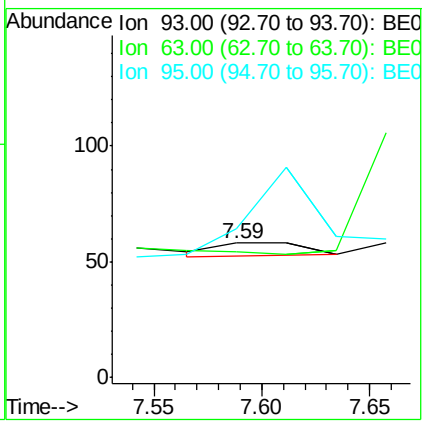


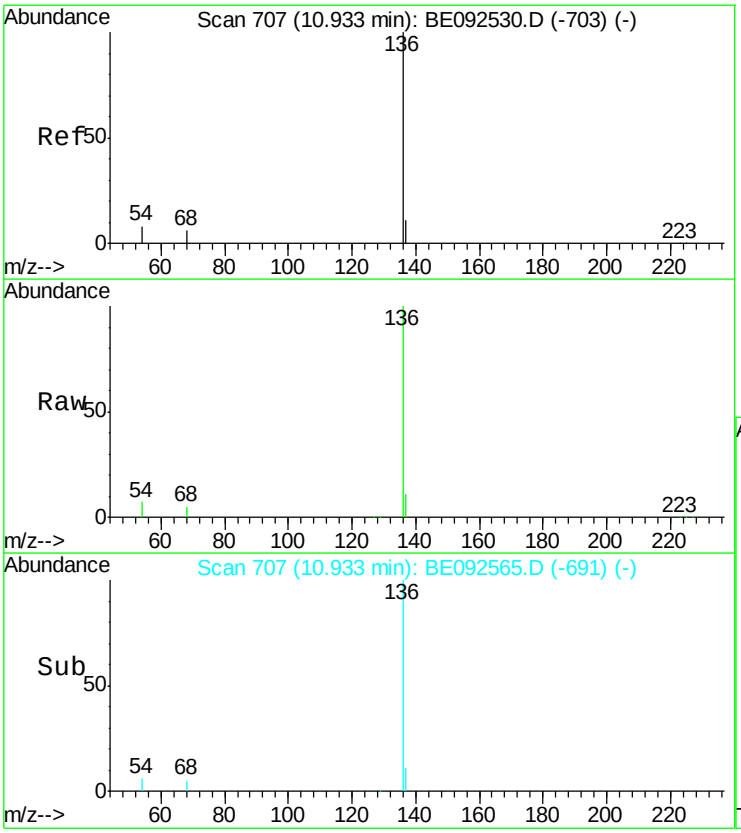
#6
bis(2-Chloroethyl)ether
Concen: 0.05 ng
RT: 7.59 min Scan# 551
Delta R.T. 0.00 min
Lab File: BE092565.D
Acq: 18 Nov 2016 14:27

Instrument :
BNA_E
ClientSampleId :
CPS043044RX

Tgt Ion: 93 Resp: 17

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

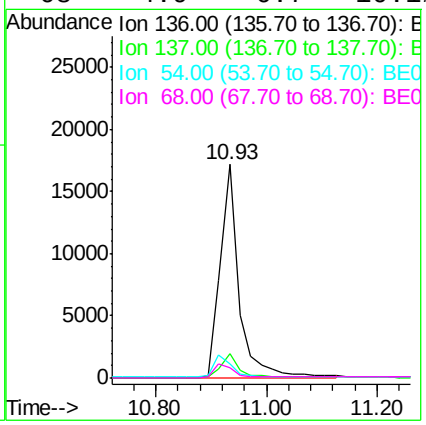


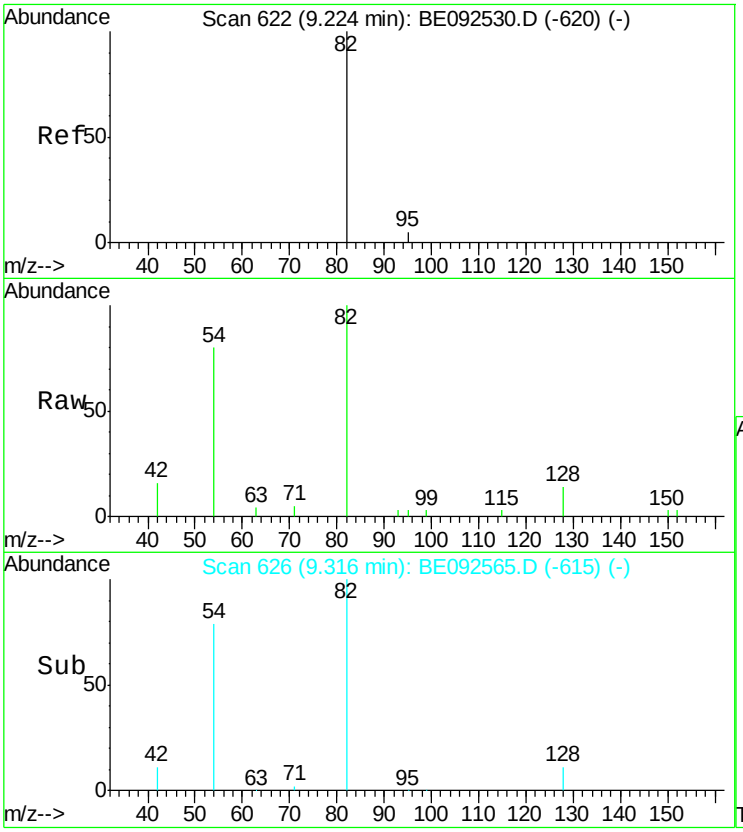


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.93 min Scan# 707
Delta R.T. -0.00 min
Lab File: BE092565.D
Acq: 18 Nov 2016 14:27

Tgt Ion:136 Resp: 40166

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.2	12.4
54	6.6	9.6	14.4#
68	4.9	6.7	10.1#



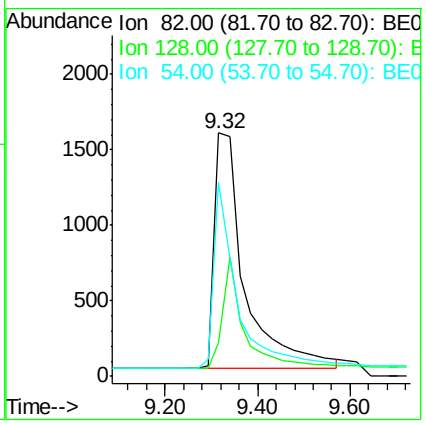


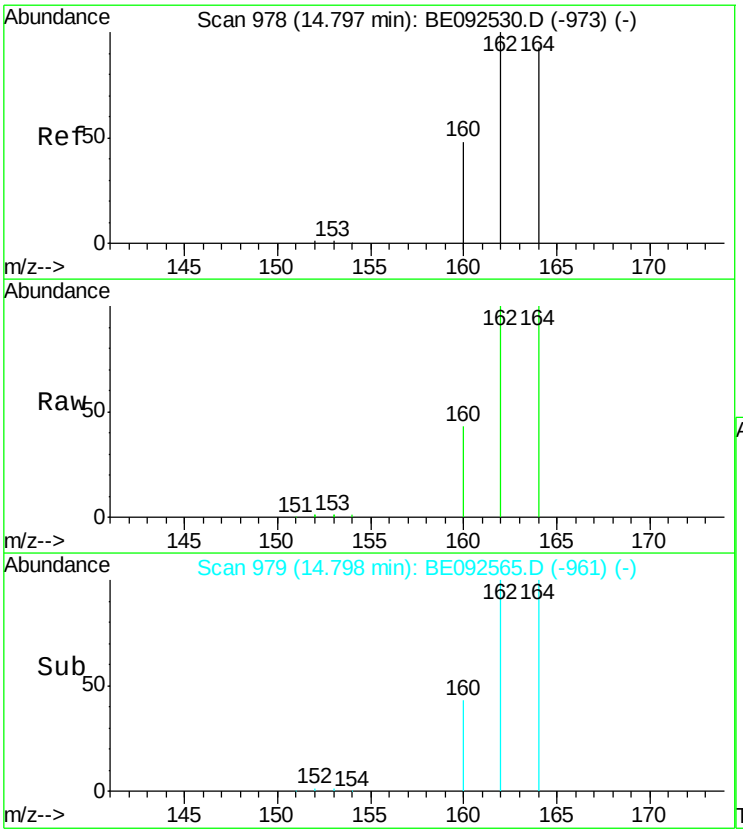
#8
Nitrobenzene-d5
Concen: 2.75 ng
RT: 9.32 min Scan# 626
Delta R.T. -0.05 min
Lab File: BE092565.D
Acq: 18 Nov 2016 14:27

Instrument :
BNA_E
ClientSampleId :
CPS043044RX

Tgt Ion: 82 Resp: 7084

Ion	Ratio	Lower	Upper
82	100		
128	14.1	39.0	58.4#
54	79.8	44.8	67.2#

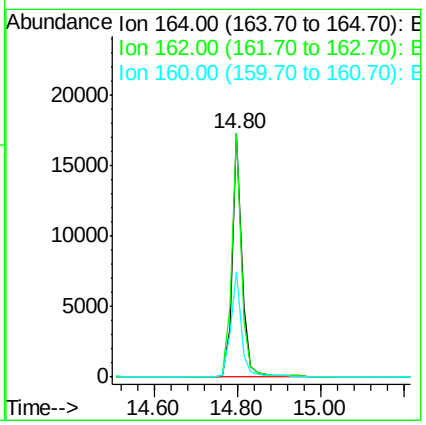


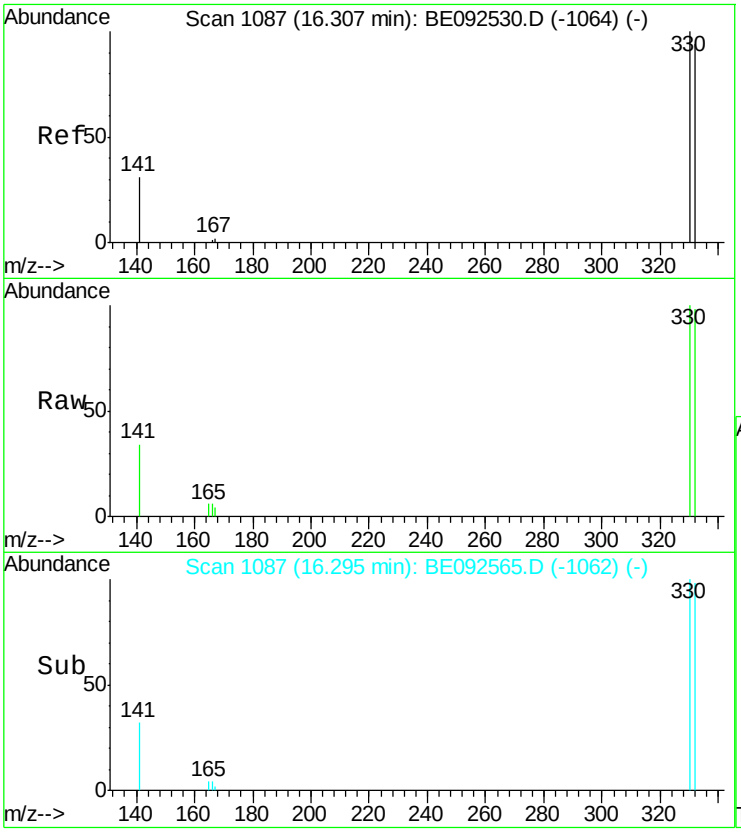


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.80 min Scan# 979
Delta R.T. 0.00 min
Lab File: BE092565.D
Acq: 18 Nov 2016 14:27

Tgt Ion:164 Resp: 27717

Ion	Ratio	Lower	Upper
164	100		
162	100.2	71.4	107.0
160	43.2	27.4	41.2#



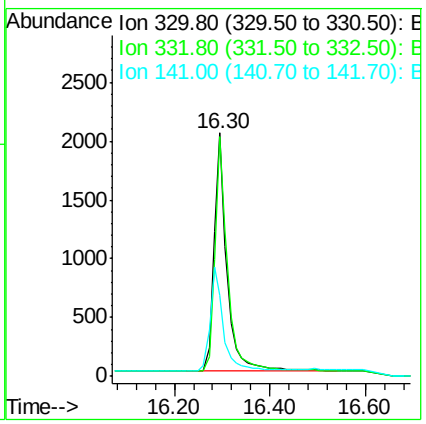


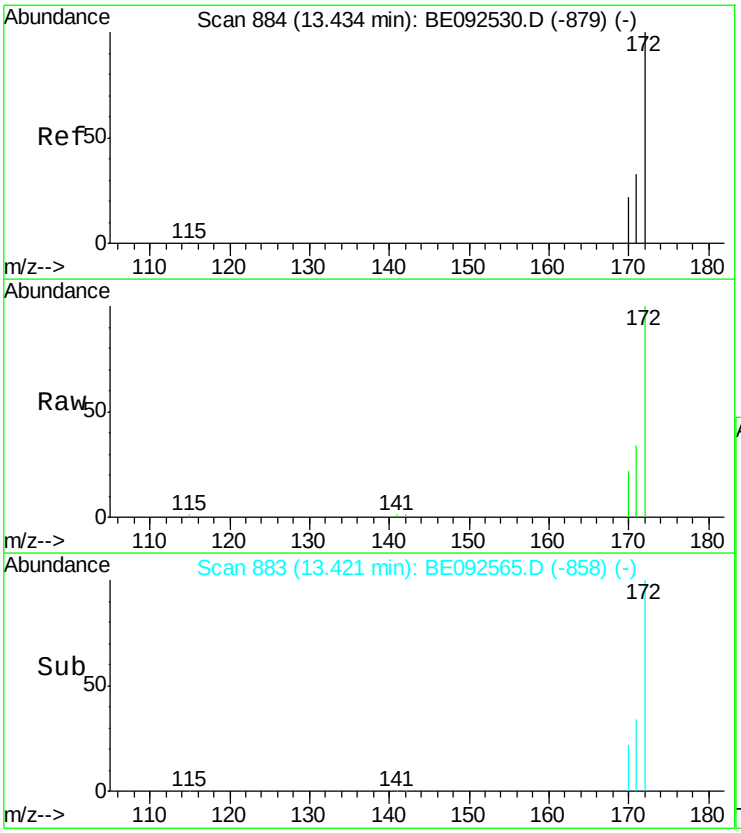
#13
2,4,6-Tribromophenol
Concen: 6.26 ng
RT: 16.30 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BE092565.D
Acq: 18 Nov 2016 14:27

Instrument :
BNA_E
ClientSampleId :
CPS043044RX

Tgt Ion:330 Resp: 3890

Ion	Ratio	Lower	Upper
330	100		
332	97.4	75.4	113.0
141	44.0	31.0	46.6

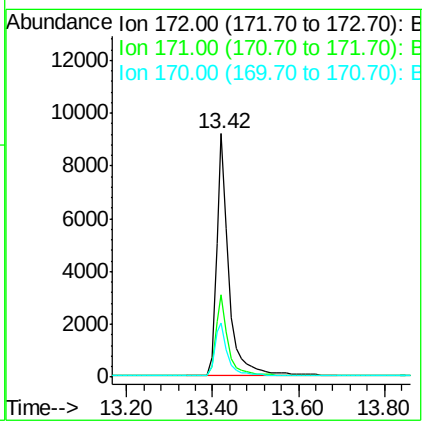


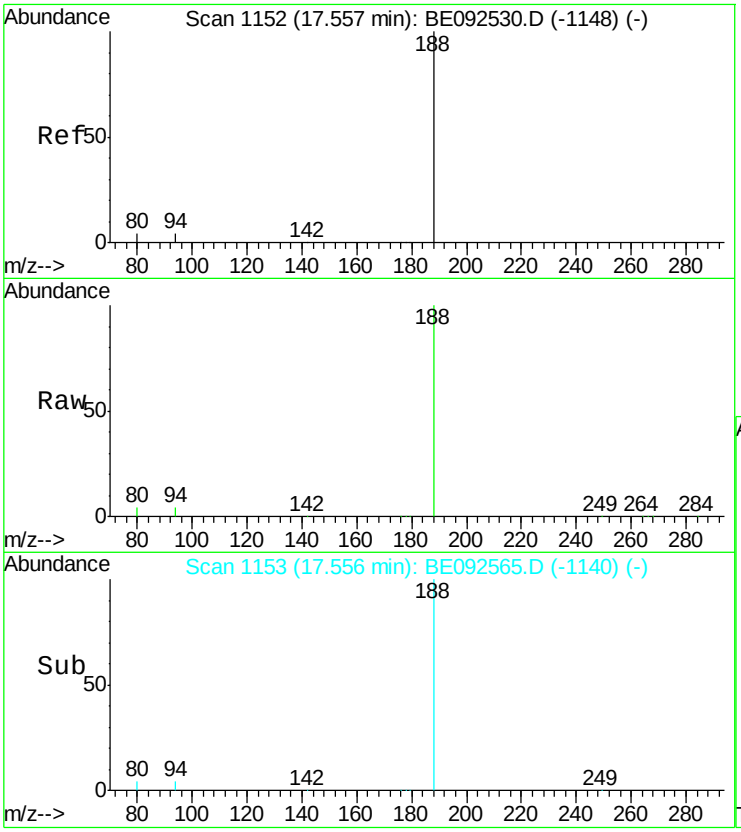


#14
2-Fluorobiphenyl
Concen: 2.77 ng
RT: 13.42 min Scan# 883
Delta R.T. -0.01 min
Lab File: BE092565.D
Acq: 18 Nov 2016 14:27

Tgt Ion:172 Resp: 18700

Ion	Ratio	Lower	Upper
172	100		
171	33.9	30.1	45.1
170	22.2	21.8	32.6



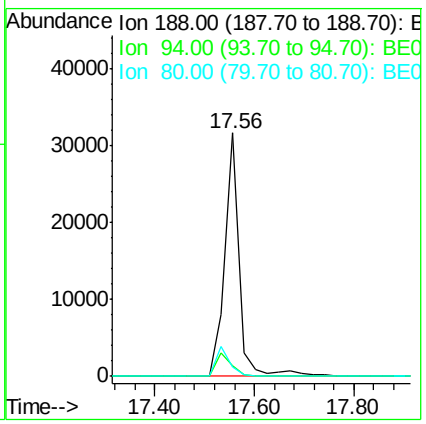


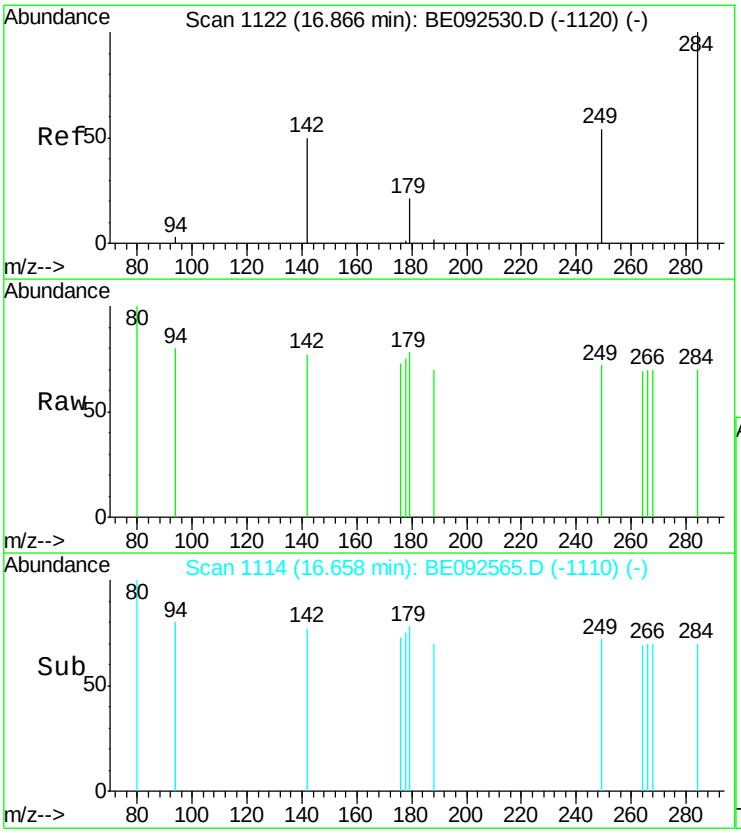
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BE092565.D
Acq: 18 Nov 2016 14:27

Instrument :
BNA_E
ClientSampleId :
CPS043044RX

Tgt Ion:188 Resp: 62872

Ion	Ratio	Lower	Upper
188	100		
94	4.2	3.2	4.8
80	3.7	2.6	3.8

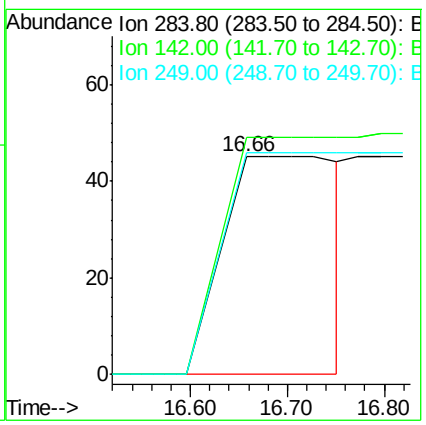


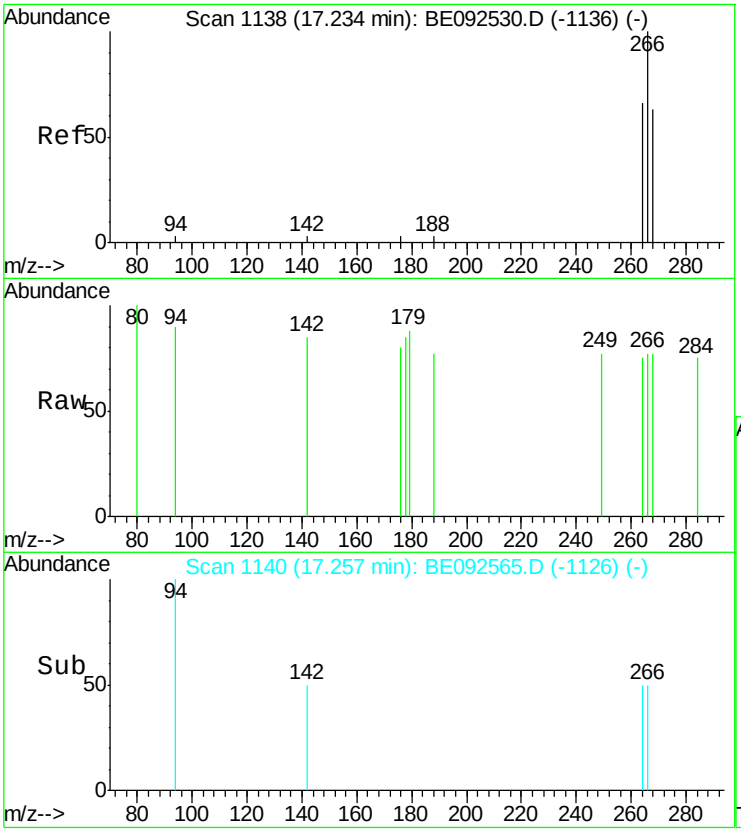


#19
Hexachlorobenzene
Concen: 0.17 ng
RT: 16.66 min Scan# 1114
Delta R.T. -0.21 min
Lab File: BE092565.D
Acq: 18 Nov 2016 14:27

Tgt Ion:284 Resp: 413

Ion	Ratio	Lower	Upper
284	100		
142	46.5	29.1	43.7#
249	120.6	27.9	41.9#



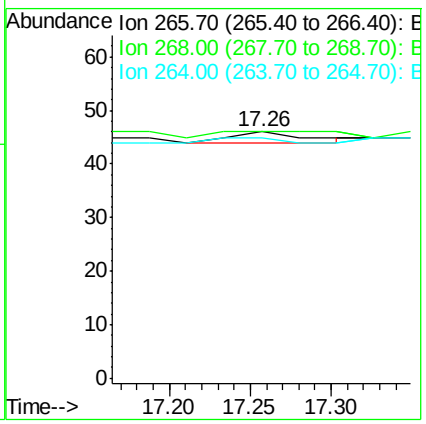


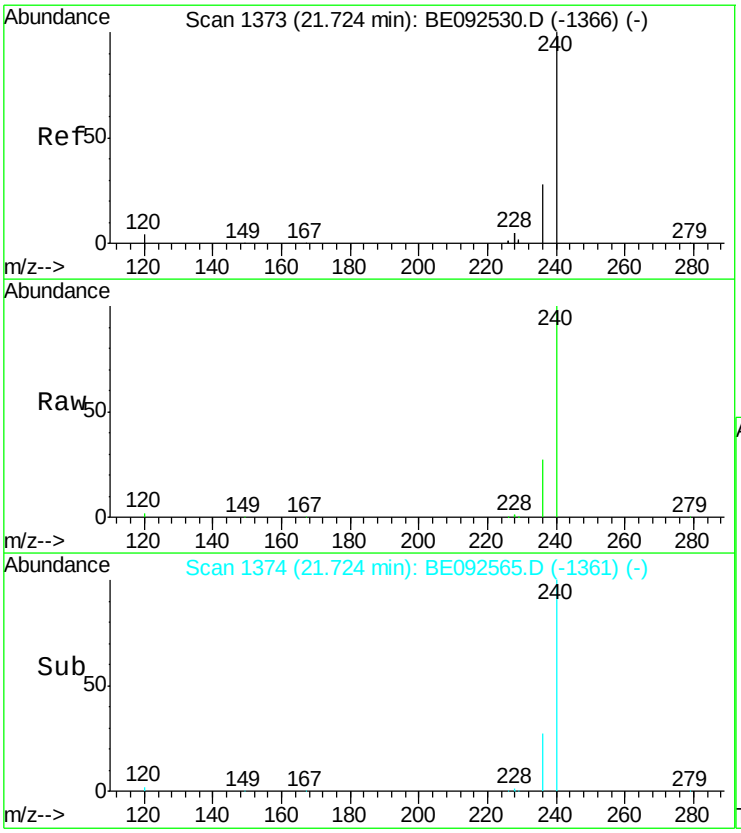
#20
Pentachlorophenol
Concen: 0.02 ng
RT: 17.26 min Scan# 1140
Delta R.T. 0.02 min
Lab File: BE092565.D
Acq: 18 Nov 2016 14:27

Instrument :
BNA_E
ClientSampleId :
CPS043044RX

Tgt Ion:266 Resp: 7

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

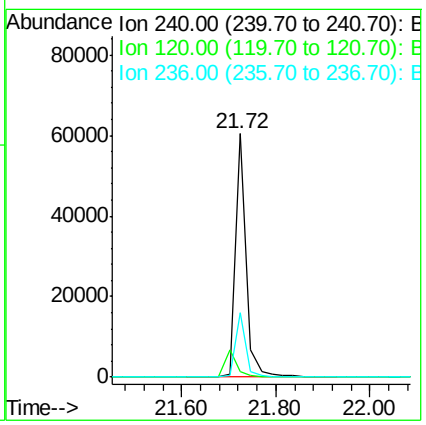


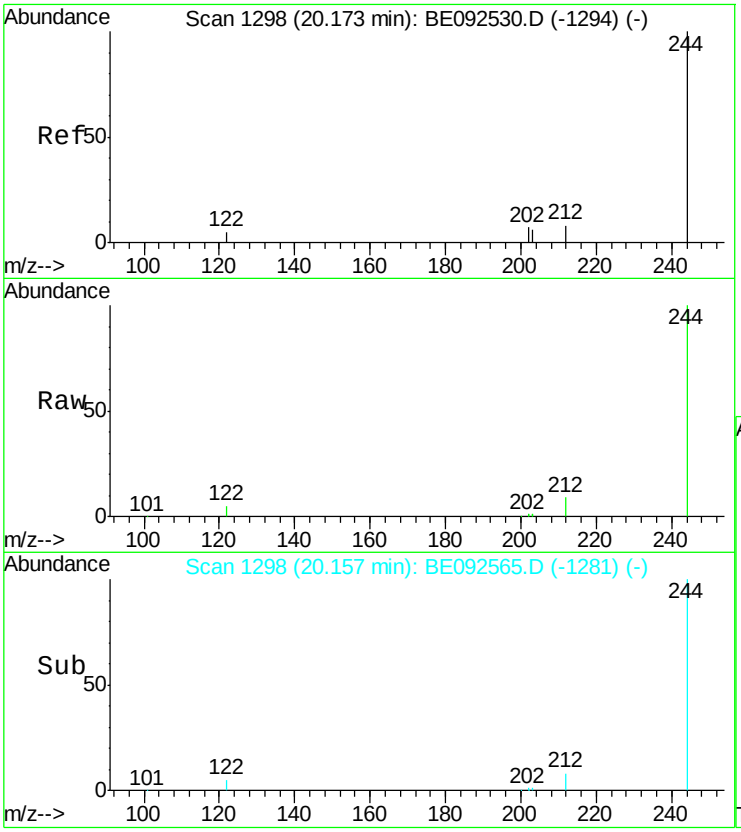


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092565.D
Acq: 18 Nov 2016 14:27

Tgt Ion:240 Resp: 96171

Ion	Ratio	Lower	Upper
240	100		
120	2.4	2.6	4.0#
236	26.7	24.6	37.0



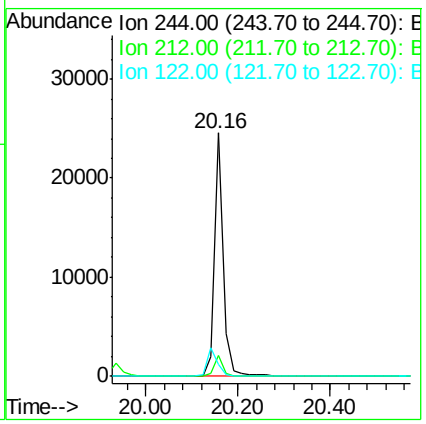


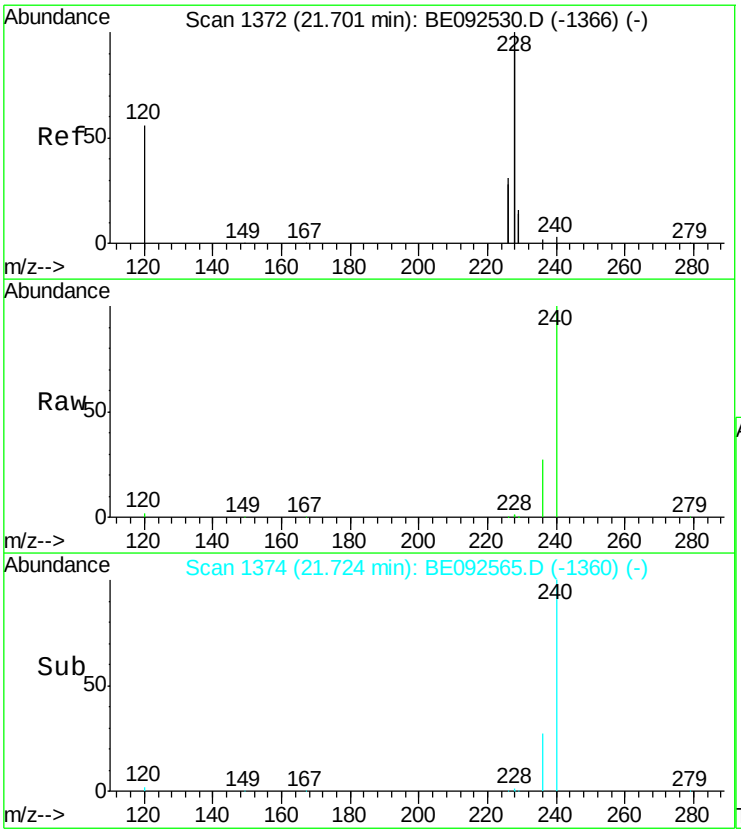
#26
Terphenyl-d14
Concen: 2.99 ng
RT: 20.16 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BE092565.D
Acq: 18 Nov 2016 14:27

Instrument :
BNA_E
ClientSampleId :
CPS043044RX

Tgt Ion:244 Resp: 32876

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.7	10.1
122	4.8	3.6	5.4

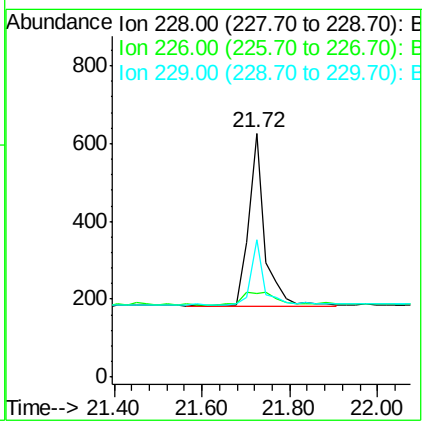


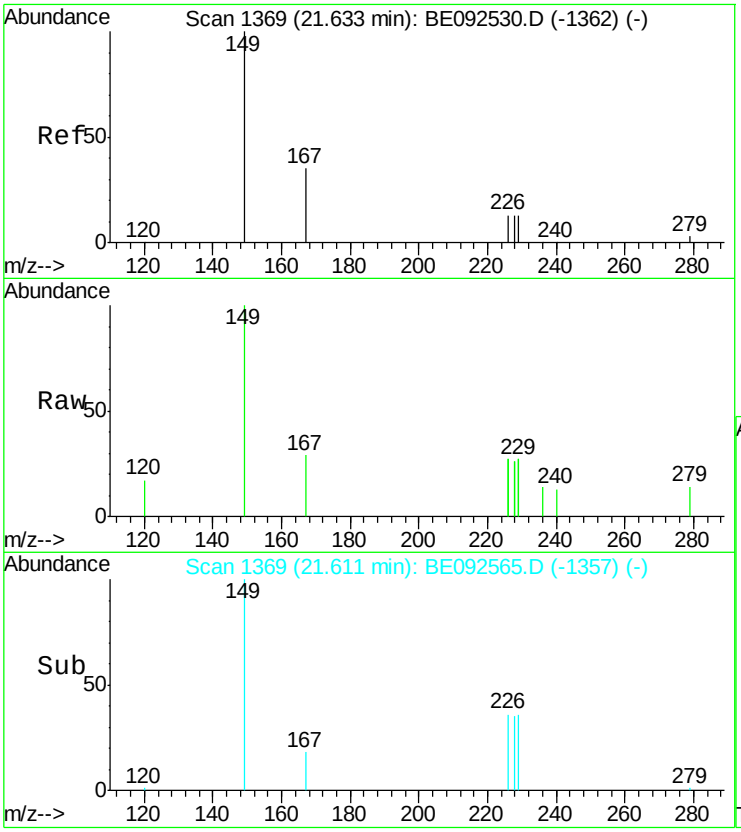


#27
Benzo(a)anthracene
Concen: 0.11 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.02 min
Lab File: BE092565.D
Acq: 18 Nov 2016 14:27

Tgt Ion:228 Resp: 1147

Ion	Ratio	Lower	Upper
228	100		
226	34.5	23.6	35.4
229	56.2	13.3	19.9#



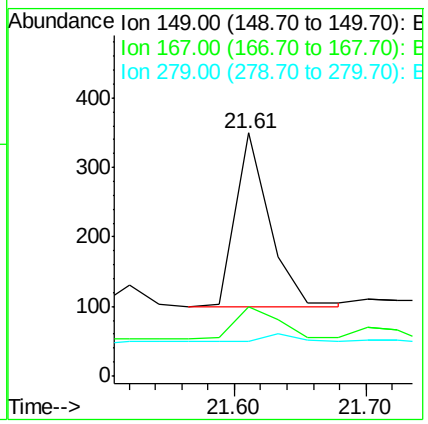


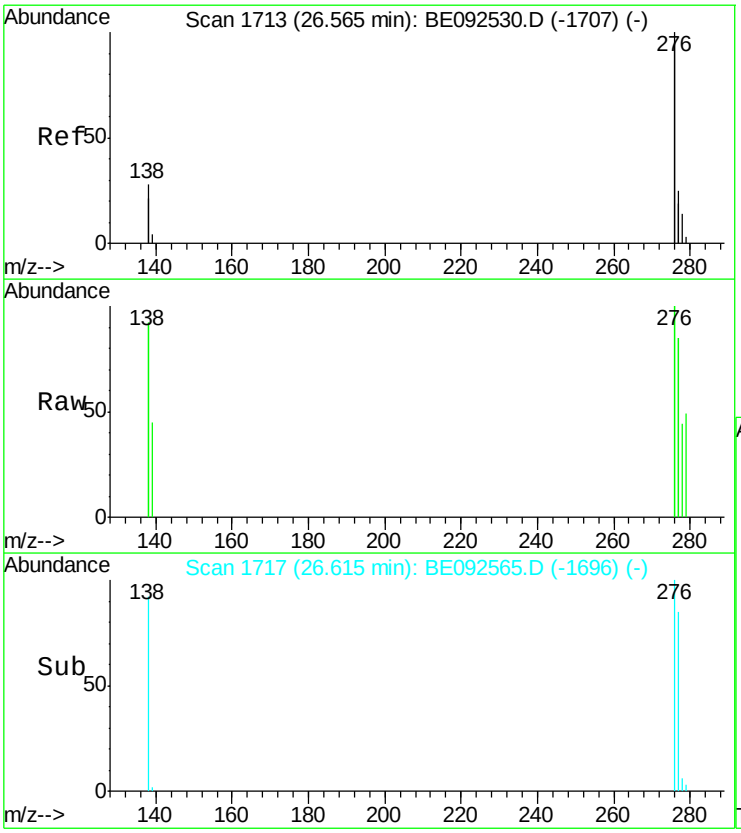
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.19 ng
RT: 21.61 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BE092565.D
Acq: 18 Nov 2016 14:27

Instrument :
BNA_E
ClientSampleId :
CPS043044RX

Tgt Ion:149 Resp: 461

Ion	Ratio	Lower	Upper
149	100		
167	24.9	16.0	24.0#
279	0.0	16.0	24.0#

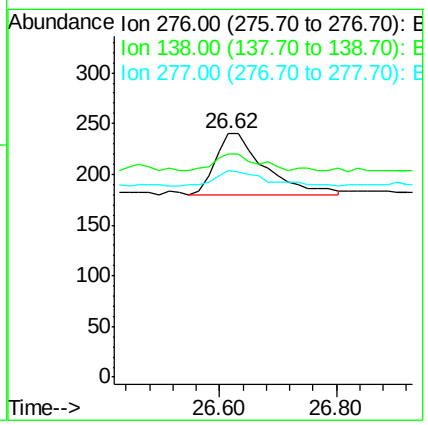


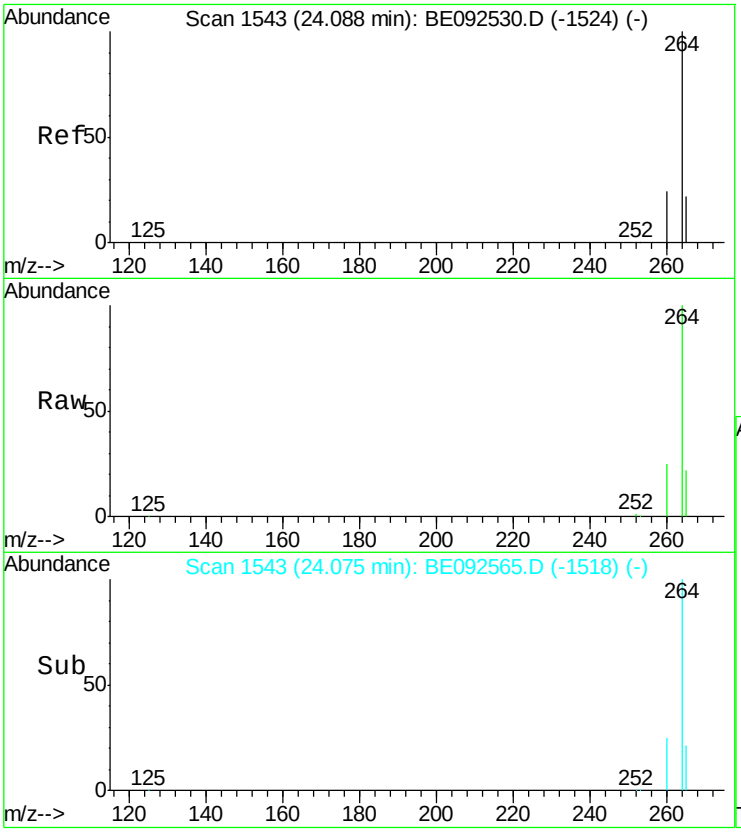


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.05 ng
RT: 26.62 min Scan# 1717
Delta R.T. 0.05 min
Lab File: BE092565.D
Acq: 18 Nov 2016 14:27

Tgt Ion:276 Resp: 354

Ion	Ratio	Lower	Upper
276	100		
138	25.1	20.3	30.5
277	26.6	19.7	29.5





#31
Perylene-d12
Concen: 5.00 ng
RT: 24.08 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BE092565.D
Acq: 18 Nov 2016 14:27

Instrument :
BNA_E
ClientSampleId :
CPS043044RX

Tgt Ion:264 Resp: 81937

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.1	30.1
265	21.7	17.9	26.9