Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032817\
Data File : BE092841.D
Acq On : 28 Mar 2017 17:54
Operator : SJ/MA
Sample : PB97610BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Mar 29 04:56:38 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 28 14:58:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	8009	5.00	ng	0.00
7) Naphthalene-d8	10.54	136	33044	5.00	ng	0.00
12) Acenaphthene-d10	14.40	164	14375	5.00	ng	0.00
18) Phenanthrene-d10	17.16	188	30083	5.00	ng	0.00
24) Chrysene-d12	21.28	240	28890	5.00	ng	-0.02
31) Perylene-d12	23.71	264	25026	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	20120	10.79	ng	0.00
5) Phenol-d6	6.94	99	27892	10.19	ng	0.00
8) Nitrobenzene-d5	8.93	82	8612	4.54	ng	0.00
13) 2,4,6-Tribromophenol	15.88	330	2031	9.04	ng	0.00
14) 2-Fluorobiphenyl	13.02	172	23754	5.01	ng	-0.01
26) Terphenyl-d14	19.76	244	21437	4.29	ng	0.00
Target Compounds						Qvalue
20) Pentachlorophenol	16.74	266	1	0.23	ng	# 74
27) Benzo(a)anthracene	21.28	228	160	0.02	ng	# 50
28) Chrysene	21.28	228	162	0.02	ng	# 75

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032817\
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Acq On : 28 Mar 2017 17:54
Operator : SJ/MA
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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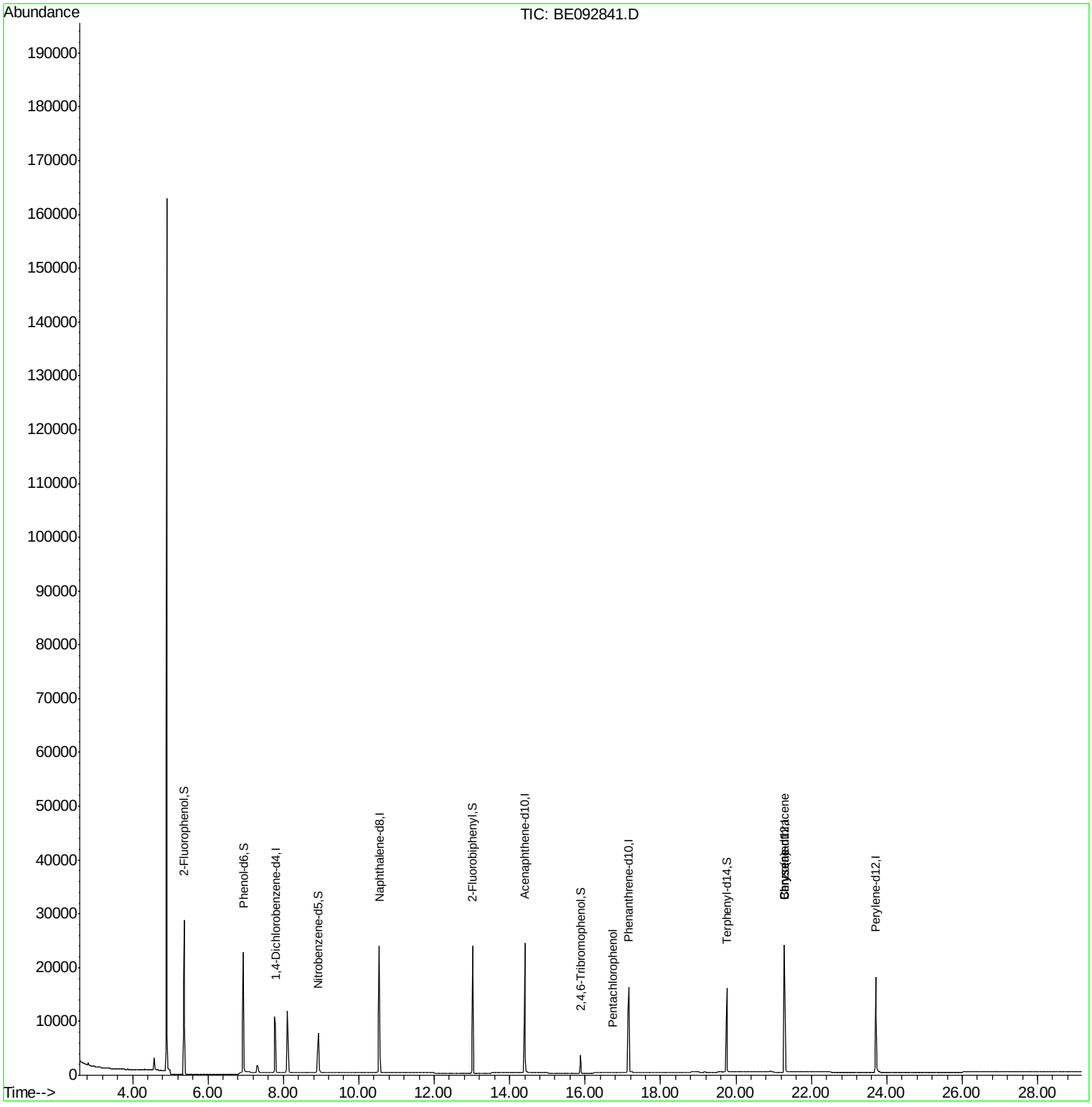
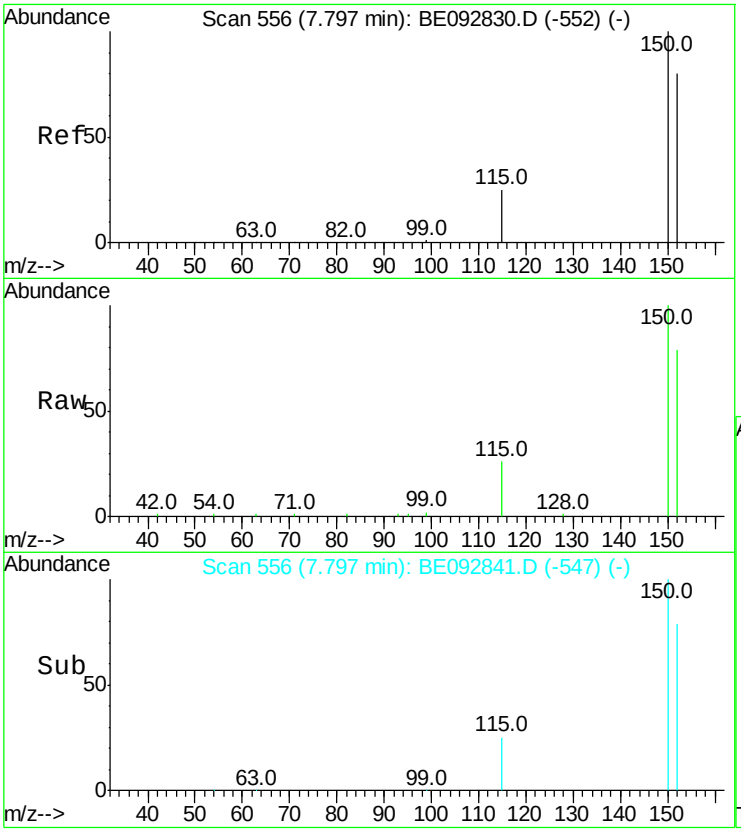


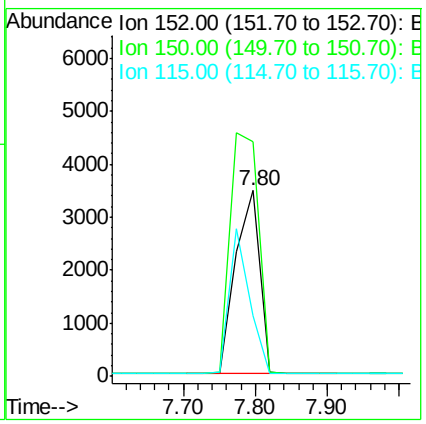


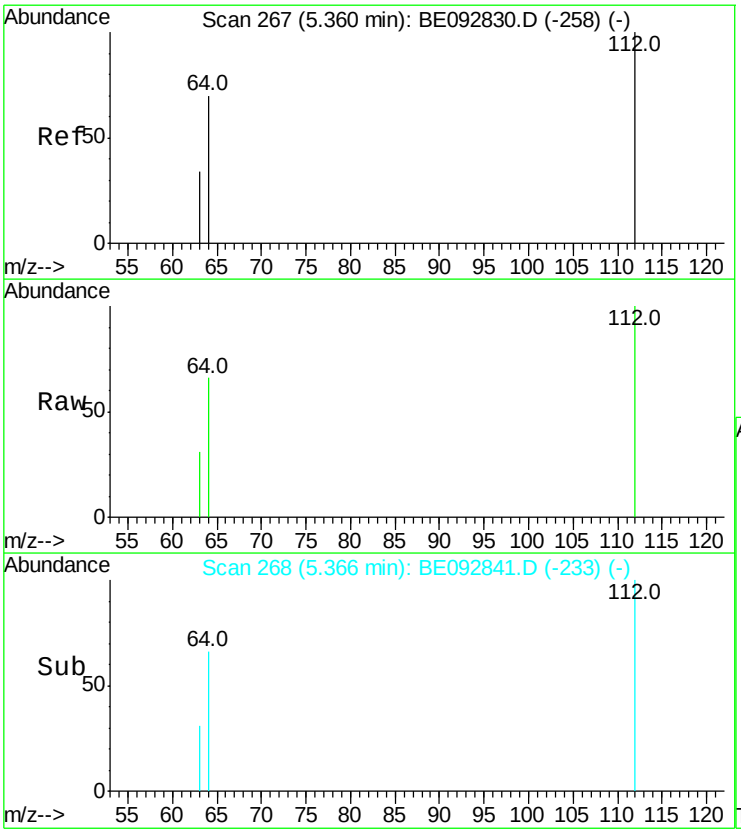
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.80 min Scan# 556
Delta R.T. -0.00 min
Lab File: BE092841.D
Acq: 28 Mar 2017 17:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 8009

Ion	Ratio	Lower	Upper
152	100		
150	126.8	106.0	159.0
115	33.0	31.2	46.8

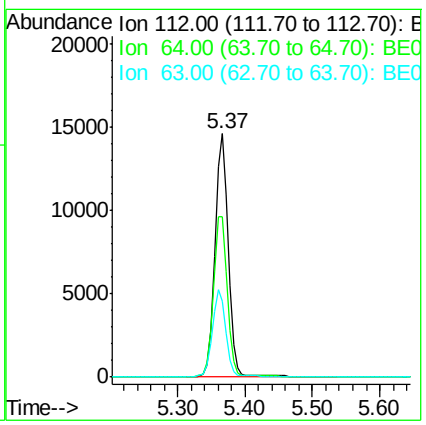


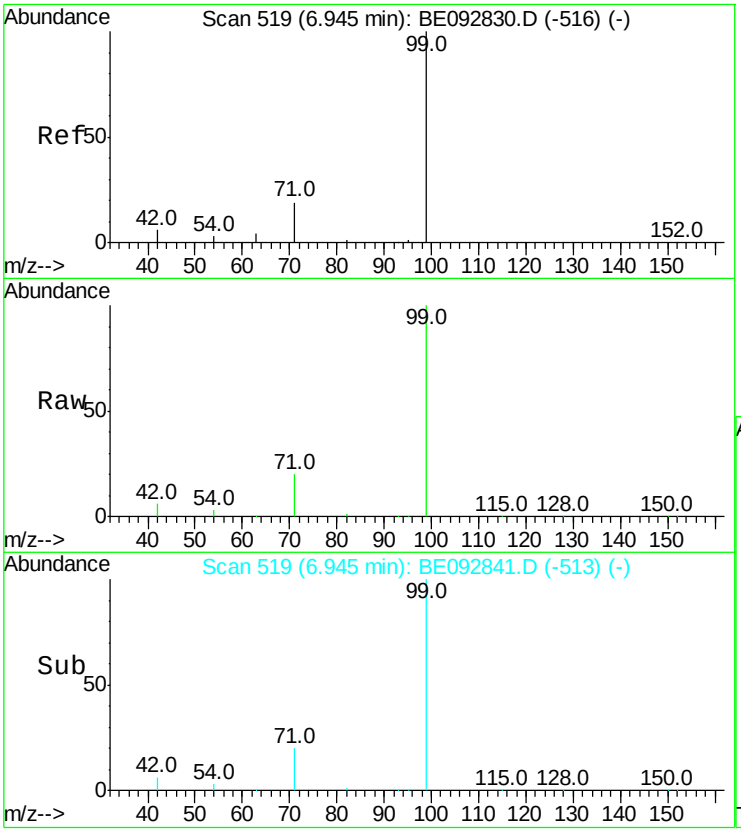


#4
2-Fluorophenol
Concen: 10.79 ng
RT: 5.37 min Scan# 268
Delta R.T. 0.01 min
Lab File: BE092841.D
Acq: 28 Mar 2017 17:54

Tgt Ion:112 Resp: 20120

Ion	Ratio	Lower	Upper
112	100		
64	69.2	53.5	80.3
63	35.7	27.9	41.9



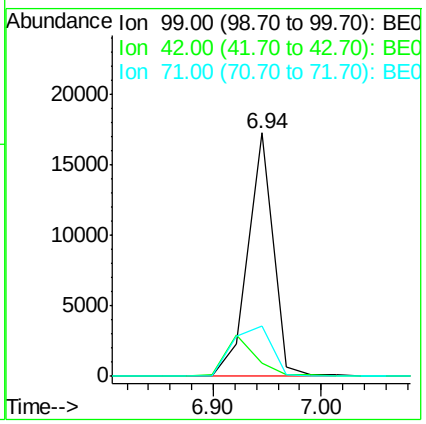


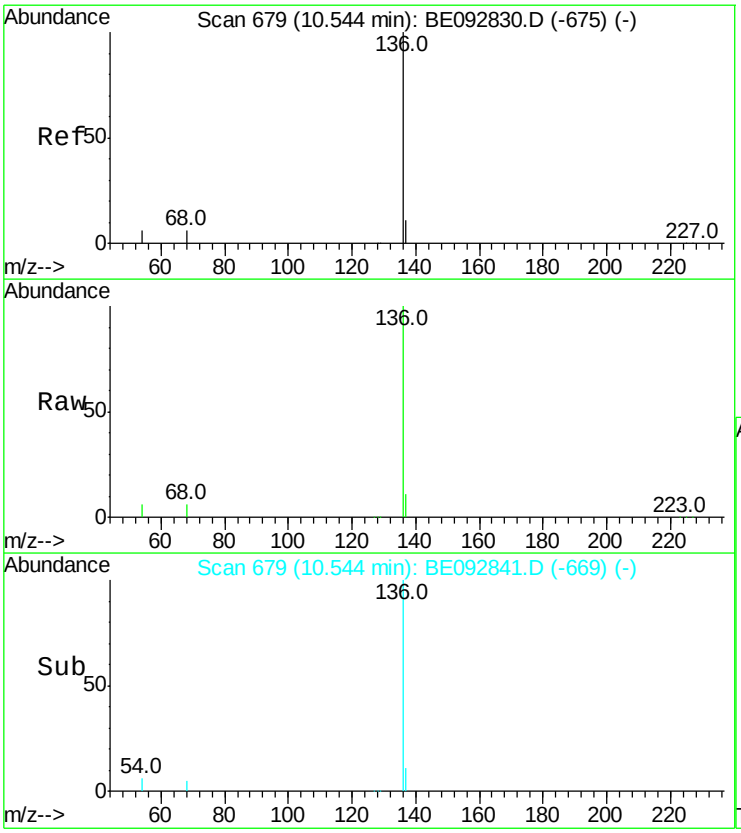
#5
Phenol-d6
Concen: 10.19 ng
RT: 6.94 min Scan# 519
Delta R.T. -0.00 min
Lab File: BE092841.D
Acq: 28 Mar 2017 17:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 27892

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.0	24.0#
71	31.7	30.6	45.8

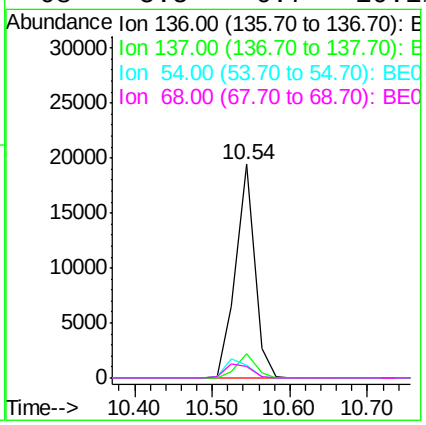


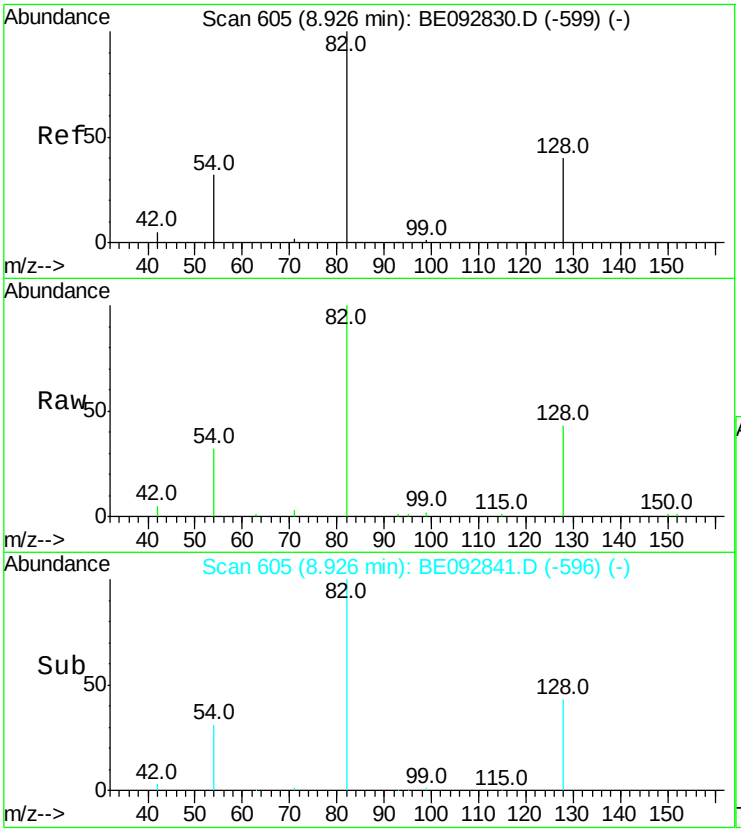


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.54 min Scan# 679
Delta R.T. -0.00 min
Lab File: BE092841.D
Acq: 28 Mar 2017 17:54

Tgt Ion:136 Resp: 33044

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.2	12.4
54	5.8	9.6	14.4#
68	5.5	6.7	10.1#



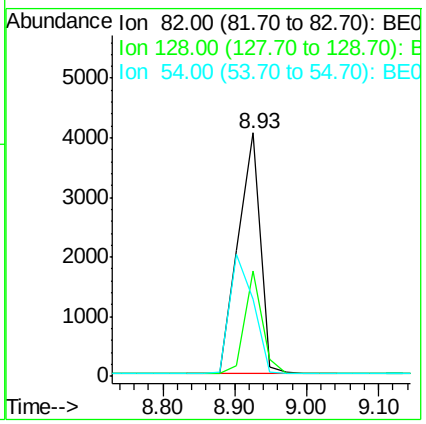


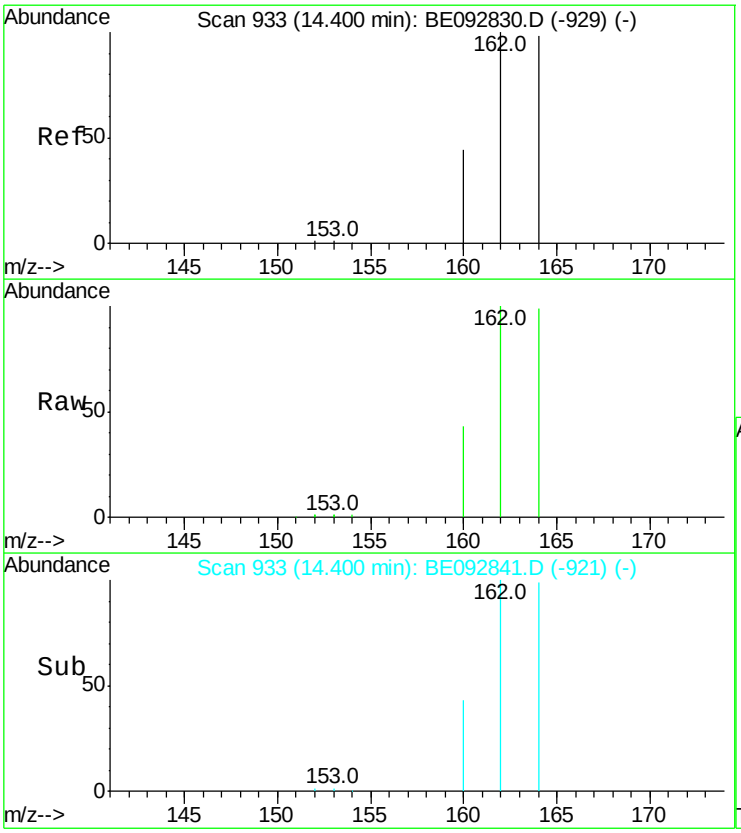
#8
Nitrobenzene-d5
Concen: 4.54 ng
RT: 8.93 min Scan# 605
Delta R.T. -0.00 min
Lab File: BE092841.D
Acq: 28 Mar 2017 17:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 8612

Ion	Ratio	Lower	Upper
82	100		
128	43.3	39.0	58.4
54	31.6	44.8	67.2#

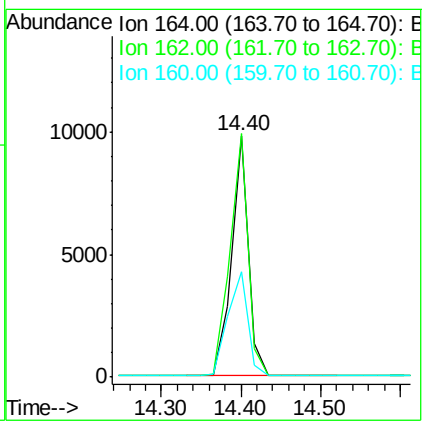


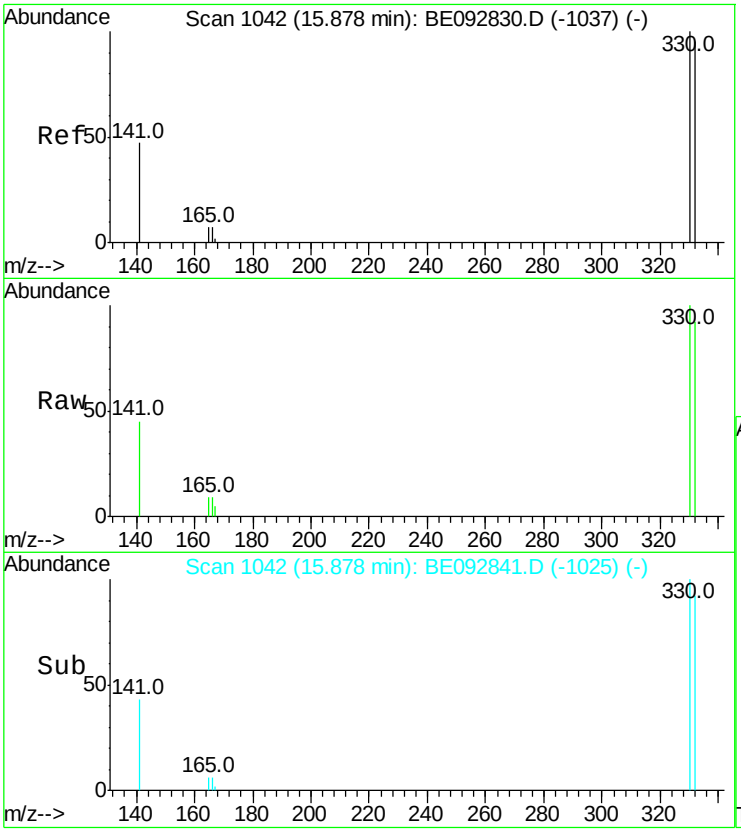


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.40 min Scan# 933
Delta R.T. -0.00 min
Lab File: BE092841.D
Acq: 28 Mar 2017 17:54

Tgt Ion:164 Resp: 14375

Ion	Ratio	Lower	Upper
164	100		
162	100.9	71.4	107.0
160	43.5	27.4	41.2#



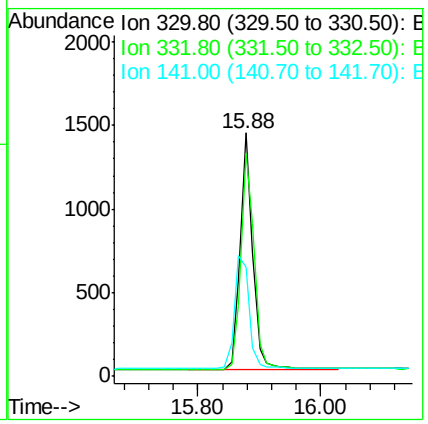


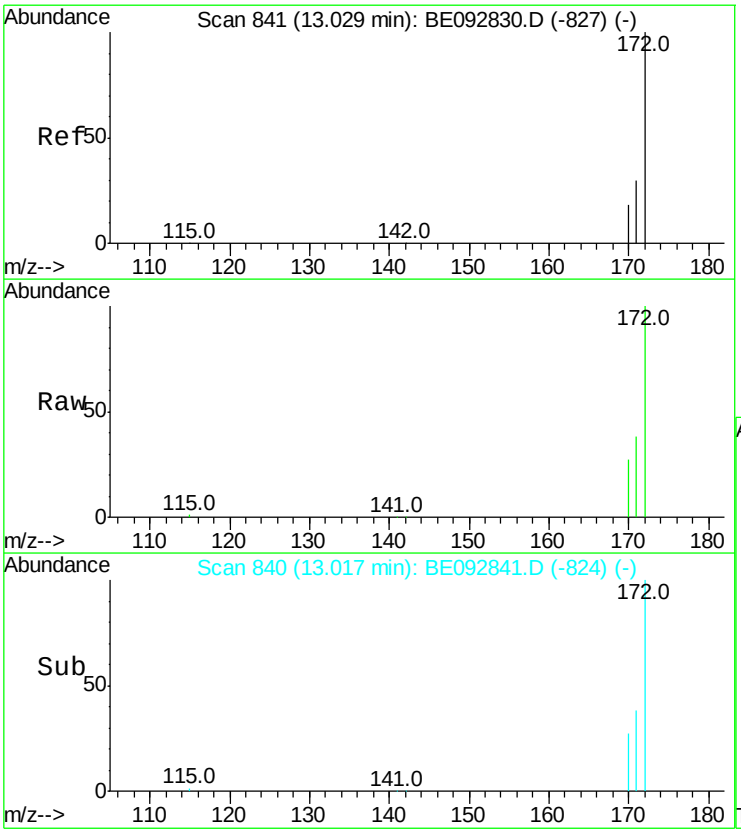
#13
2,4,6-Tribromophenol
Concen: 9.04 ng
RT: 15.88 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BE092841.D
Acq: 28 Mar 2017 17:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 2031

Ion	Ratio	Lower	Upper
330	100		
332	97.0	75.4	113.0
141	56.8	31.0	46.6#

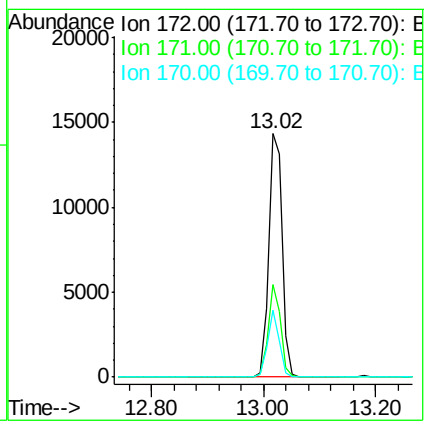


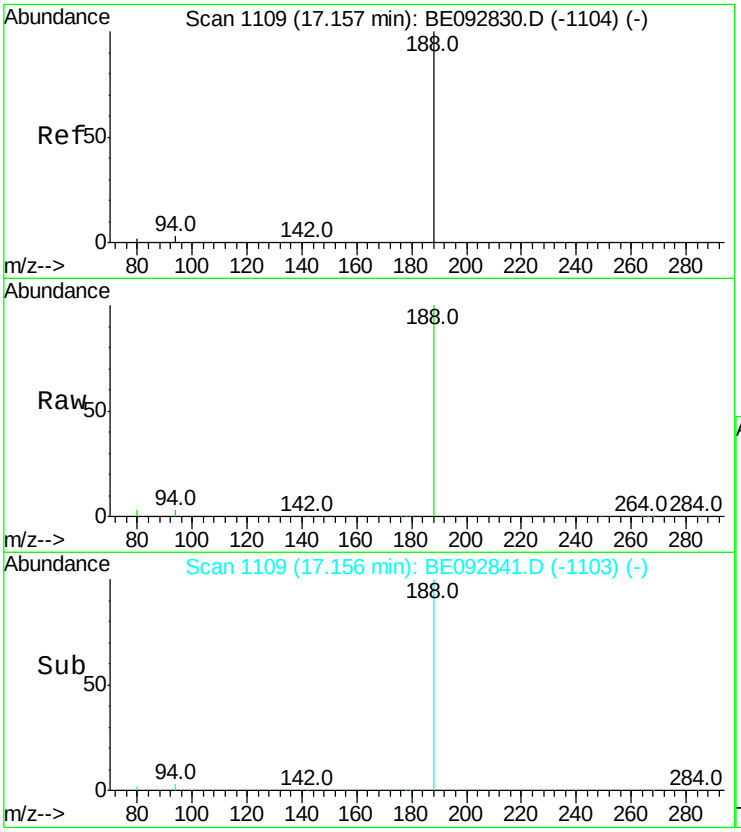


#14
2-Fluorobiphenyl
Concen: 5.01 ng
RT: 13.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BE092841.D
Acq: 28 Mar 2017 17:54

Tgt Ion:172 Resp: 23754

Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.1	45.1
170	27.4	21.8	32.6



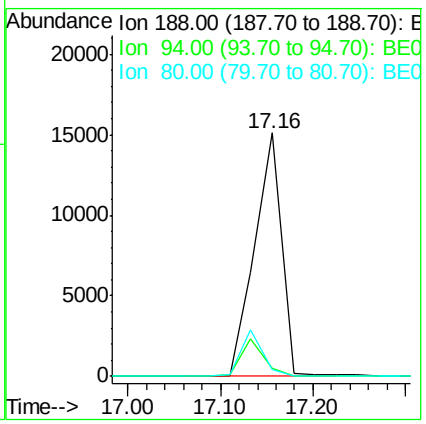


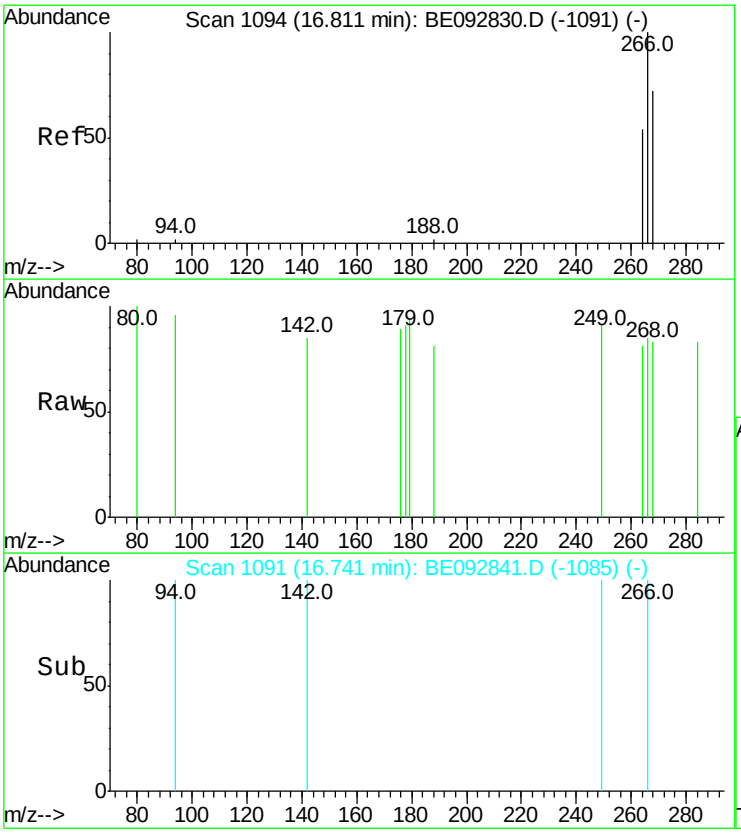
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.16 min Scan# 1109
Delta R.T. -0.00 min
Lab File: BE092841.D
Acq: 28 Mar 2017 17:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 30083

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

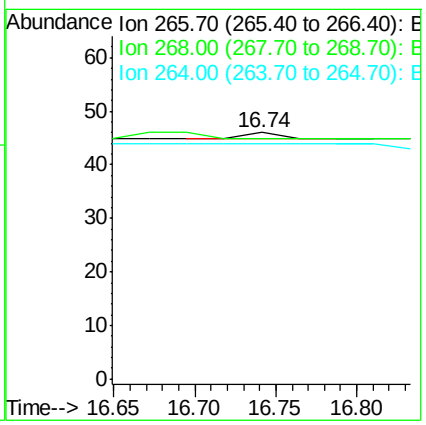


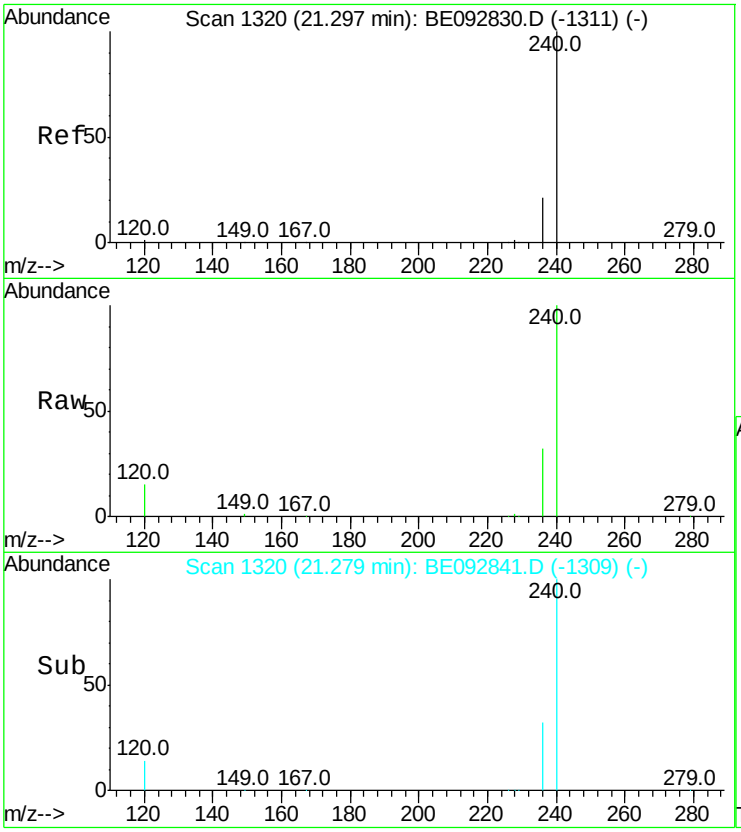


#20
Pentachlorophenol
Concen: 0.23 ng
RT: 16.74 min Scan# 1091
Delta R.T. -0.07 min
Lab File: BE092841.D
Acq: 28 Mar 2017 17:54

Tgt Ion:266 Resp: 1

Ion	Ratio	Lower	Upper
266	100		
268	97.8	62.5	93.7#
264	95.7	57.2	85.8#



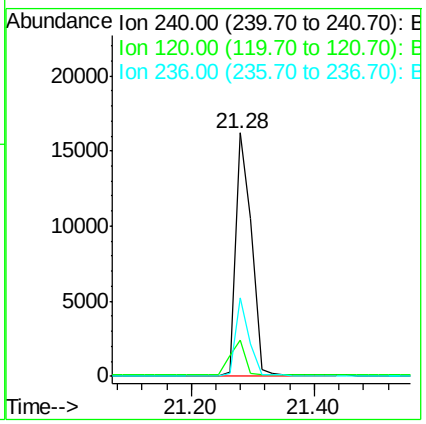


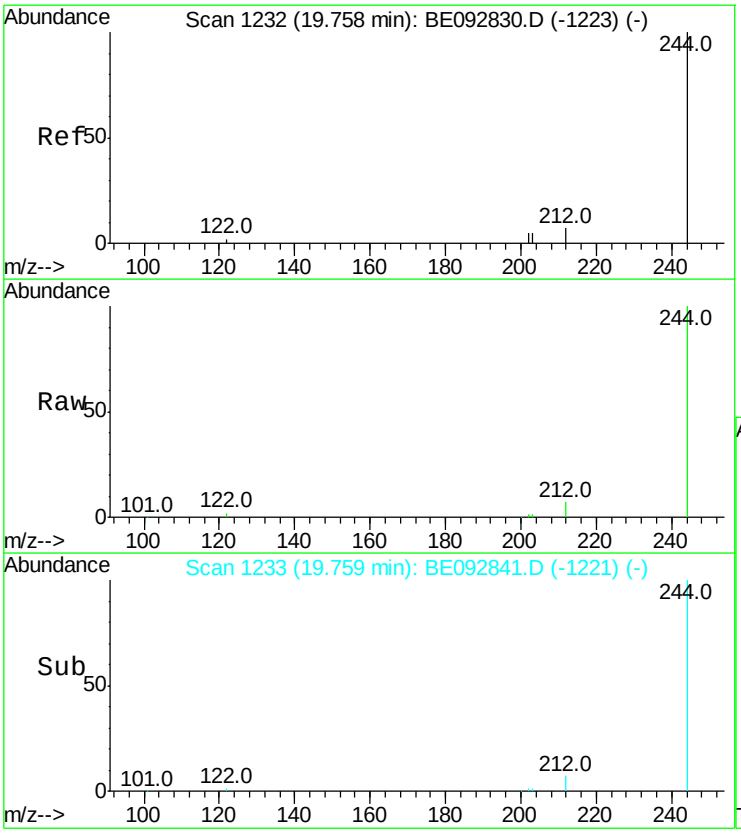
#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.28 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BE092841.D
Acq: 28 Mar 2017 17:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 28890

Ion	Ratio	Lower	Upper
240	100		
120	14.9	2.6	4.0#
236	32.1	24.6	37.0

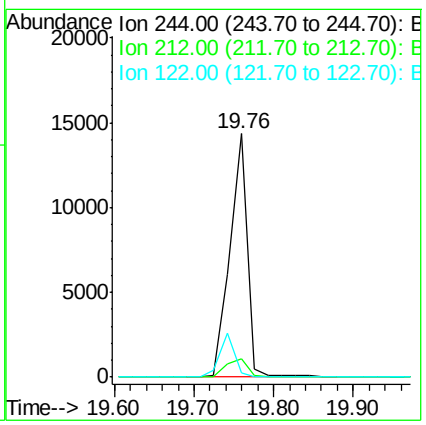


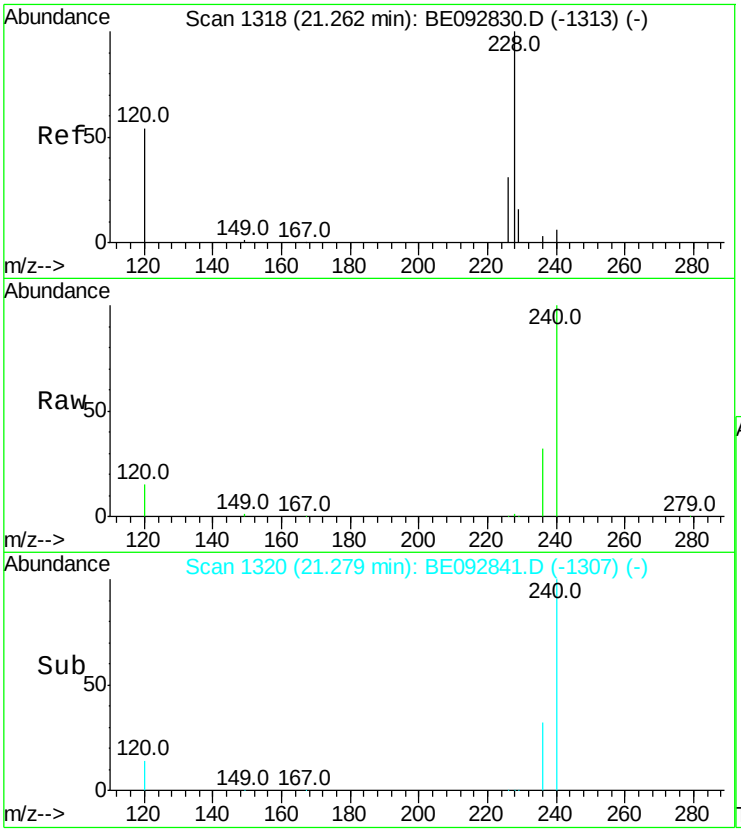


#26
Terphenyl-d14
Concen: 4.29 ng
RT: 19.76 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE092841.D
Acq: 28 Mar 2017 17:54

Tgt Ion:244 Resp: 21437

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.7	10.1
122	1.6	3.6	5.4#



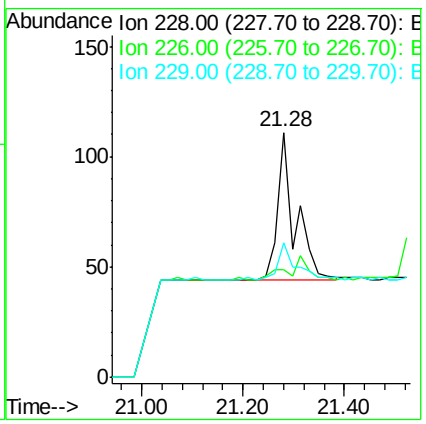


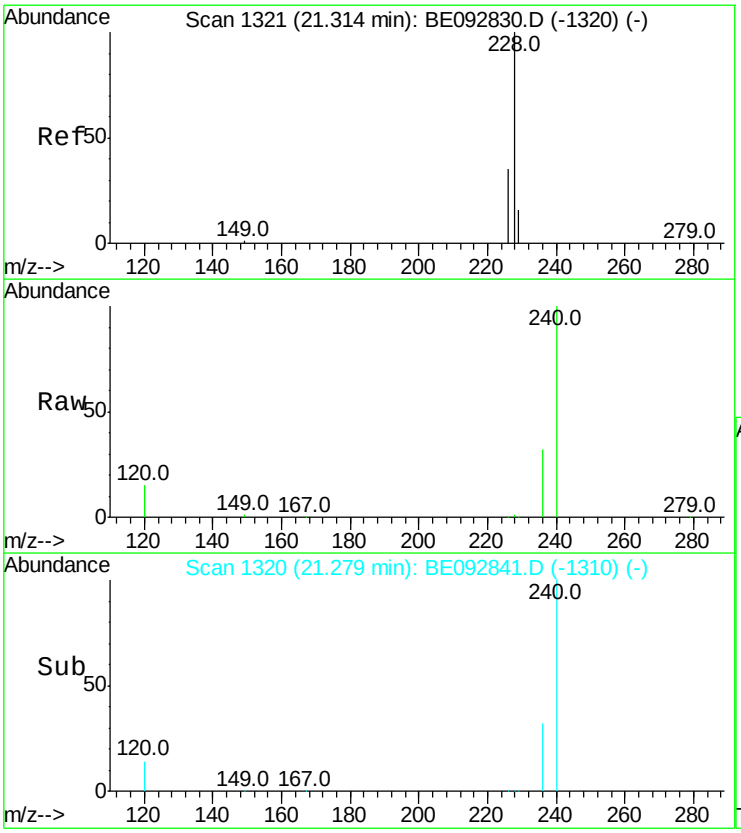
#27
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.28 min Scan# 1320
Delta R.T. 0.02 min
Lab File: BE092841.D
Acq: 28 Mar 2017 17:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 160

Ion	Ratio	Lower	Upper
228	100		
226	44.1	23.6	35.4#
229	55.0	13.3	19.9#

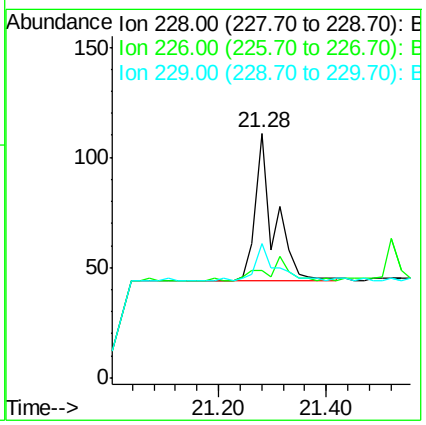


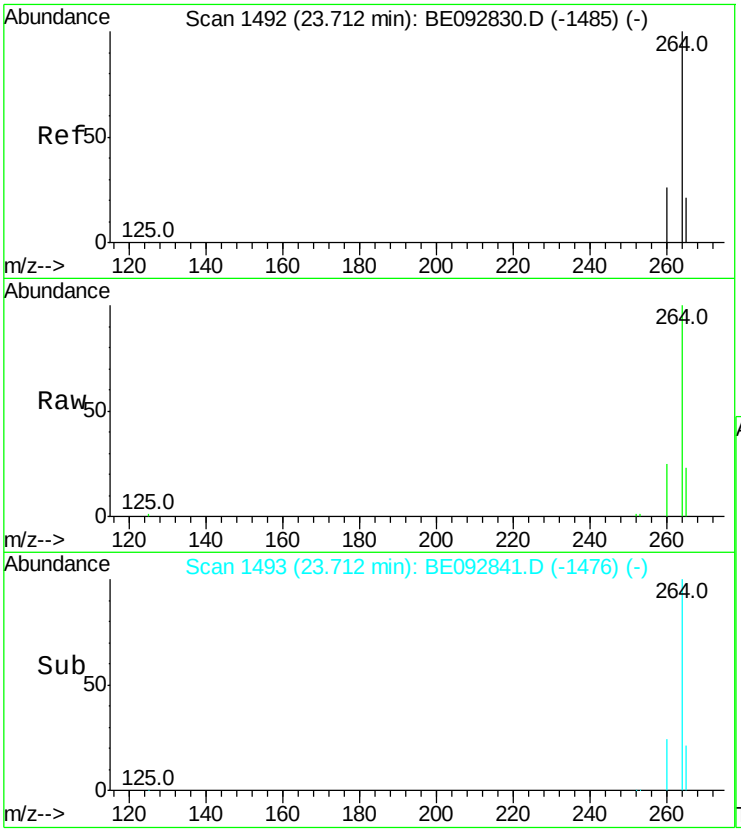


#28
Chrysene
Concen: 0.02 ng
RT: 21.28 min Scan# 1320
Delta R.T. -0.03 min
Lab File: BE092841.D
Acq: 28 Mar 2017 17:54

Tgt Ion:228 Resp: 162

Ion	Ratio	Lower	Upper
228	100		
226	44.1	36.3	54.5
229	55.0	10.6	16.0#





#31
Perylene-d12
Concen: 5.00 ng
RT: 23.71 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BE092841.D
Acq: 28 Mar 2017 17:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 25026

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.1	30.1
265	22.8	17.9	26.9