Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102417\
Data File : BE094512.D
Acq On : 24 Oct 2017 10:59
Operator : SJ/JU
Sample : I5950-09DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : 20170722-C-A-COMP1DL

Quant Time: Oct 24 16:01:40 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 22:40:47 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1131	0.40	ng		0.00
7) Naphthalene-d8	10.69	136	6397	0.40	ng		-0.02
13) Acenaphthene-d10	14.51	164	4004	0.40	ng		0.00
19) Phenanthrene-d10	17.23	188	10911	0.40	ng		0.00
27) Chrysene-d12	21.43	240	9950	0.40	ng		0.00
34) Perylene-d12	23.95	264	9305	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.53	112	63	0.02	ng		0.00
5) Phenol-d6	7.16	99	54	0.01	ng		0.03
8) Nitrobenzene-d5	9.09	82	200	0.04	ng		0.02
11) 2-Methylnaphthalene-d10	12.29	152	422	0.04	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	59	0.05	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	705	0.05	ng		0.00
25) Fluoranthene-d10	19.28	212	4926	0.04	ng		0.00
29) Terphenyl-d14	19.86	244	1055	0.06	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.74	128	27470	0.379	ng		100
12) 2-Methylnaphthalene	12.36	142	3395	0.276	ng		99
17) Acenaphthene	14.57	154	1261	0.093	ng		96
18) Fluorene	15.56	166	1140	0.066	ng	#	87

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

Quantitation Report (QT Reviewed)

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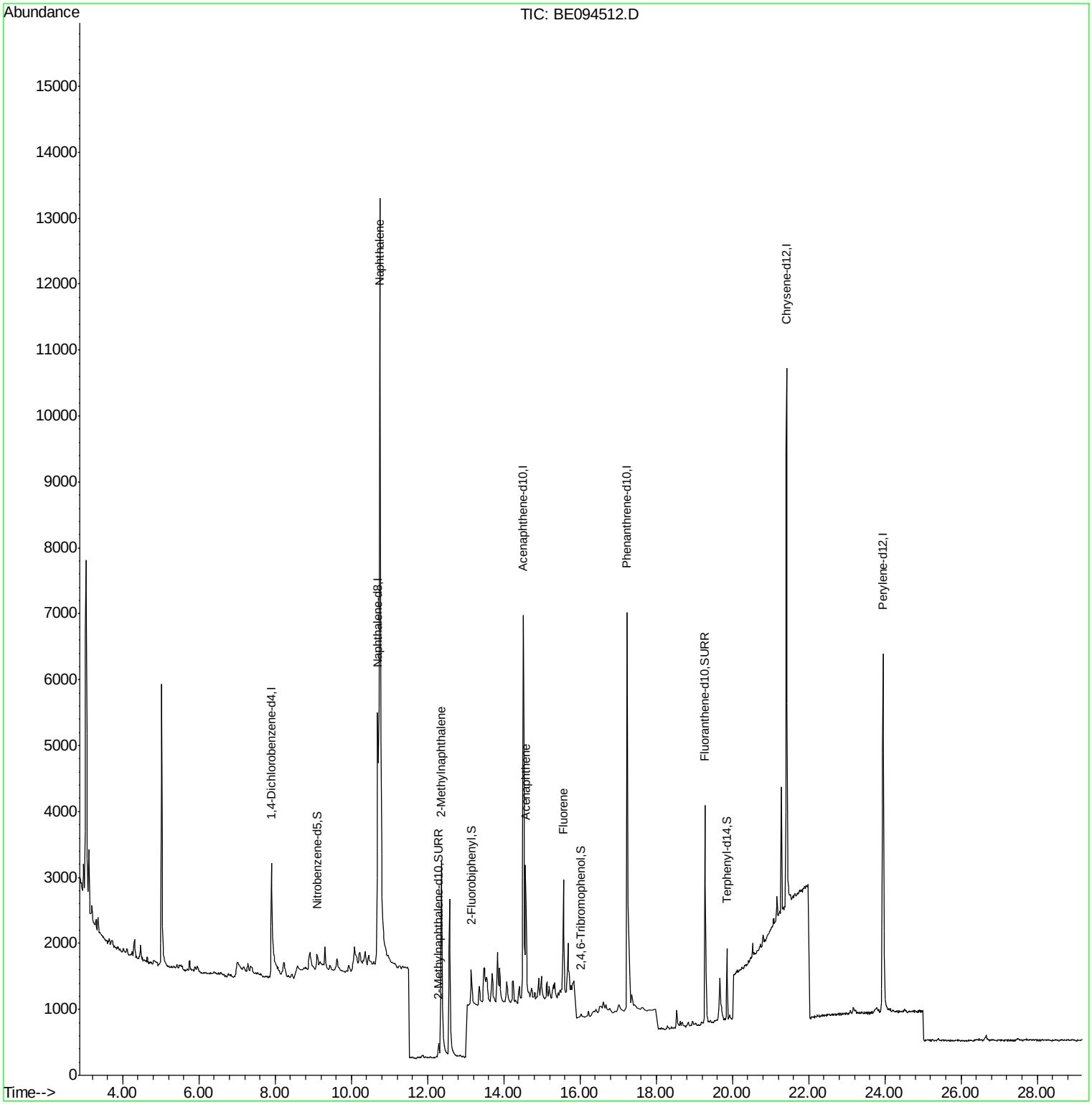
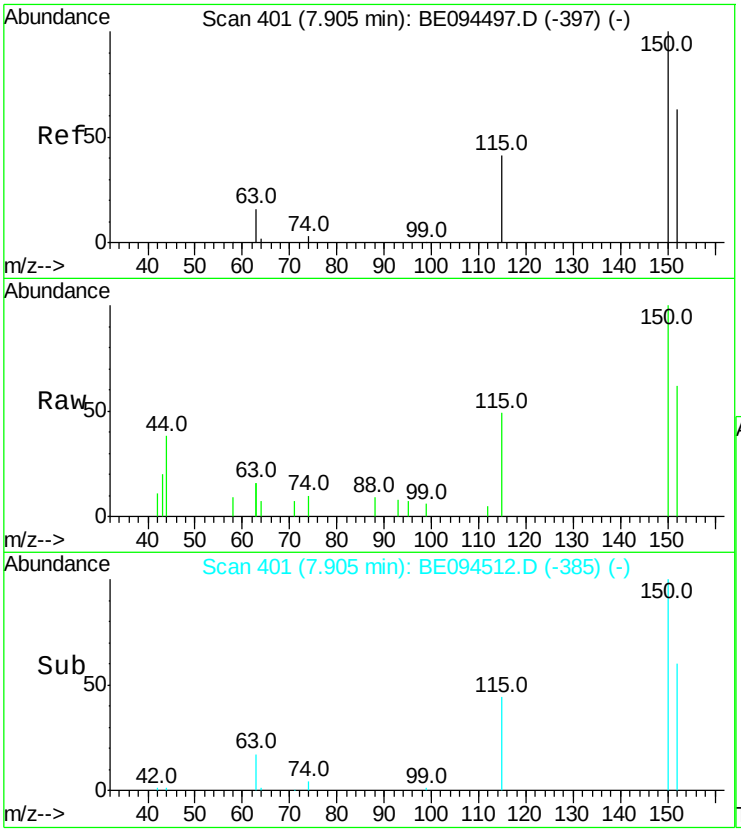
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 22:40:47 2017
Response via : Initial Calibration



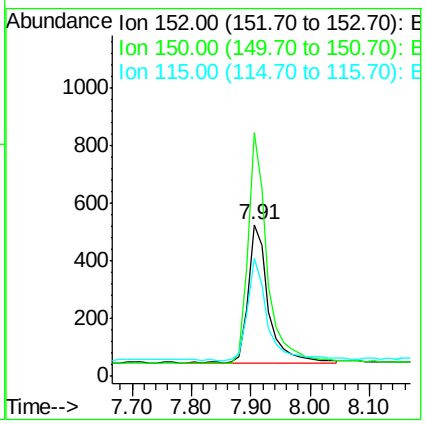


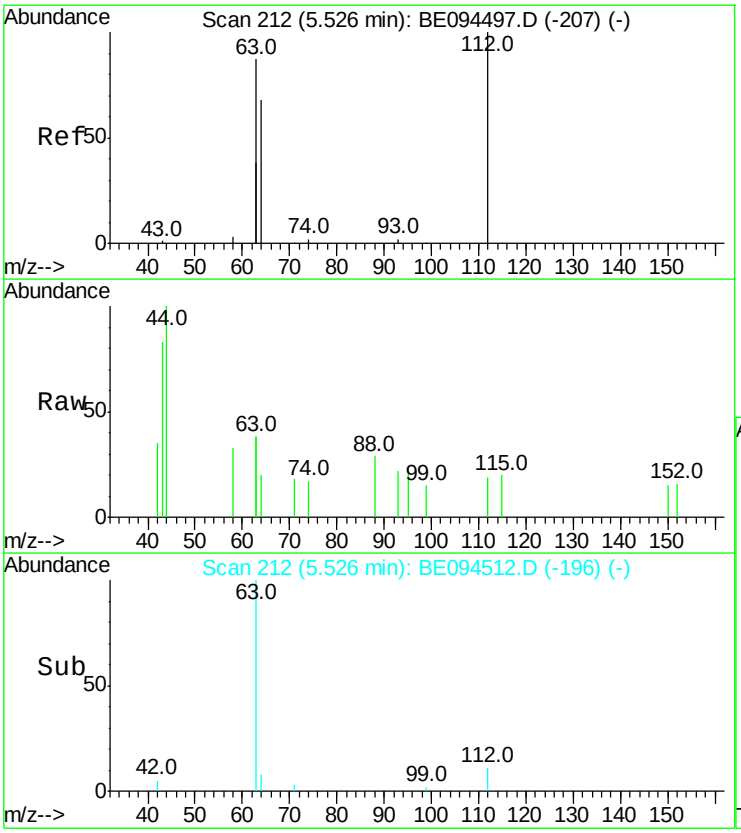
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 401
Delta R.T. -0.00 min
Lab File: BE094512.D
Acq: 24 Oct 2017 10:59

Instrument :
BNA_E
ClientSampleId :
20170722-C-A-COMP1DL

Tgt Ion:152 Resp: 1131

Ion	Ratio	Lower	Upper
152	100		
150	160.2	117.2	175.8
115	78.0	57.0	85.6

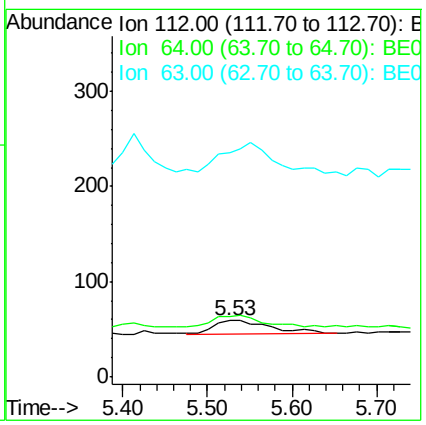


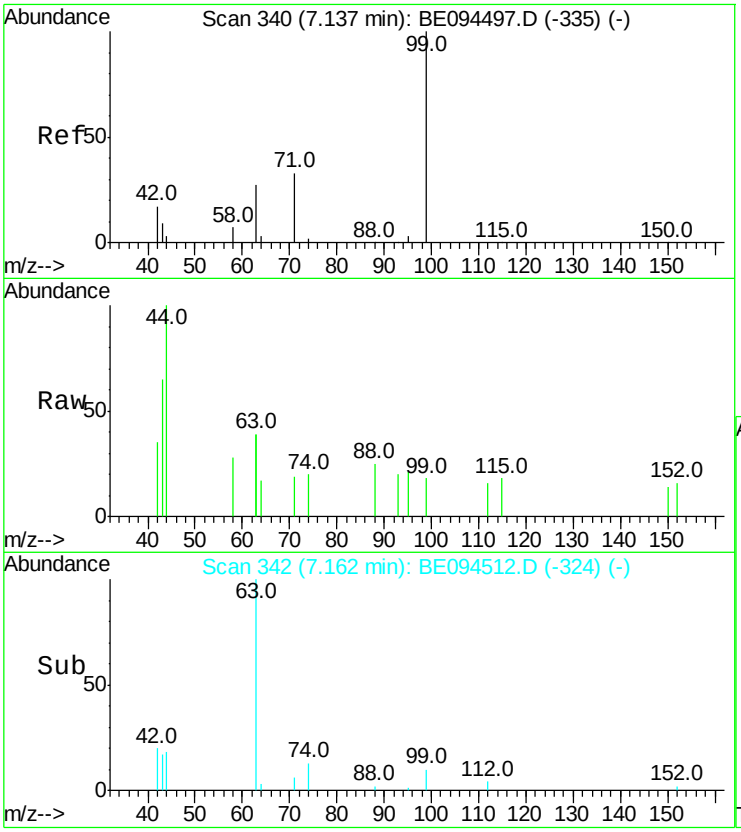


#4
2-Fluorophenol
Concen: 0.016 ng
RT: 5.53 min Scan# 212
Delta R.T. -0.00 min
Lab File: BE094512.D
Acq: 24 Oct 2017 10:59

Tgt Ion:112 Resp: 63

Ion	Ratio	Lower	Upper
112	100		
64	76.2	60.1	90.1
63	0.0	116.8	175.2#



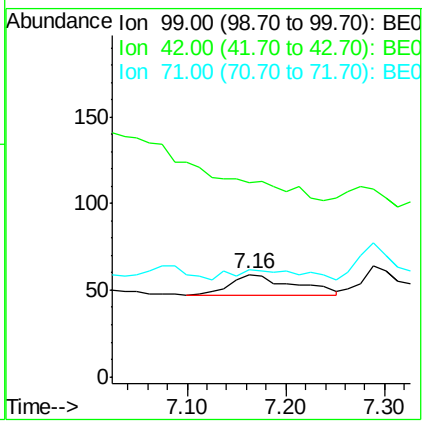


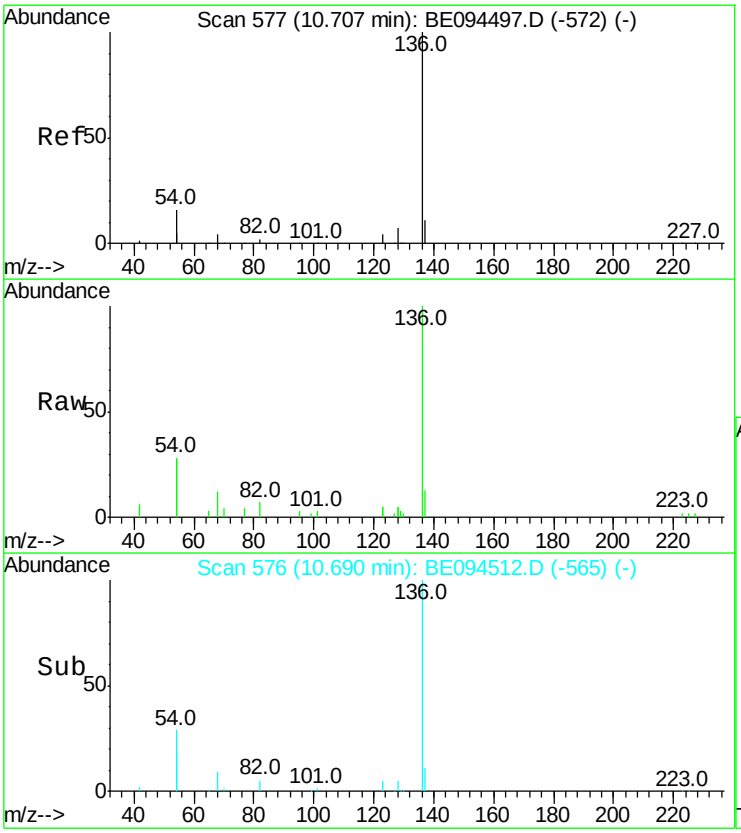
#5
Phenol-d6
Concen: 0.009 ng
RT: 7.16 min Scan# 342
Delta R.T. 0.03 min
Lab File: BE094512.D
Acq: 24 Oct 2017 10:59

Instrument :
BNA_E
ClientSampleId :
20170722-C-A-COMP1DL

Tgt Ion: 99 Resp: 54

Ion	Ratio	Lower	Upper
99	100		
42	0.0	20.2	30.2#
71	51.9	28.4	42.6#

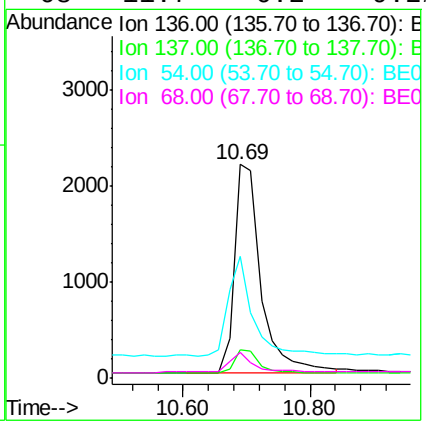


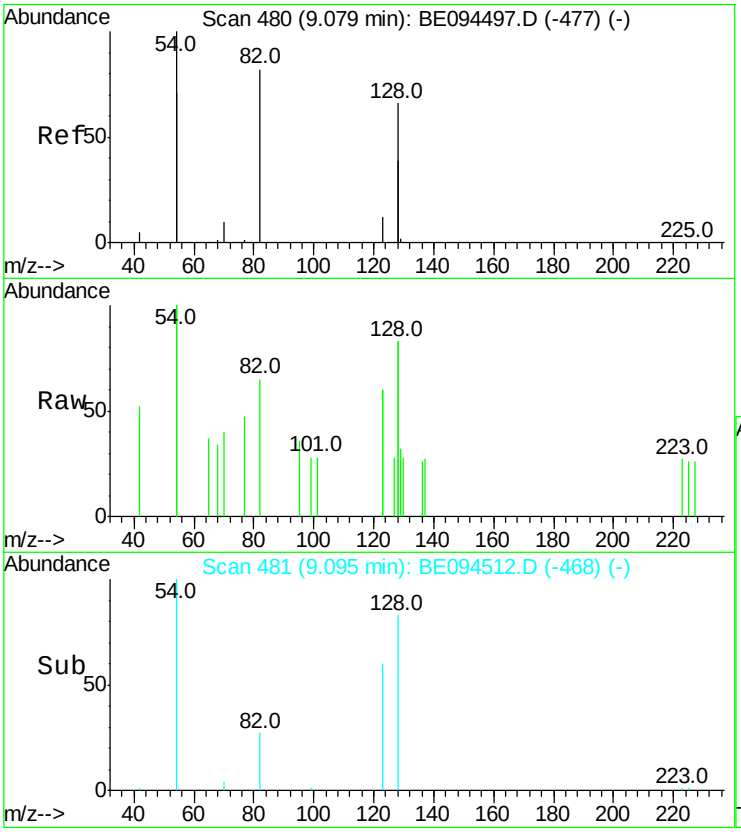


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 576
Delta R.T. -0.02 min
Lab File: BE094512.D
Acq: 24 Oct 2017 10:59

Tgt Ion:136 Resp: 6397

Ion	Ratio	Lower	Upper
136	100		
137	13.1	9.5	14.3
54	56.7	29.1	43.7#
68	11.7	6.2	9.2#



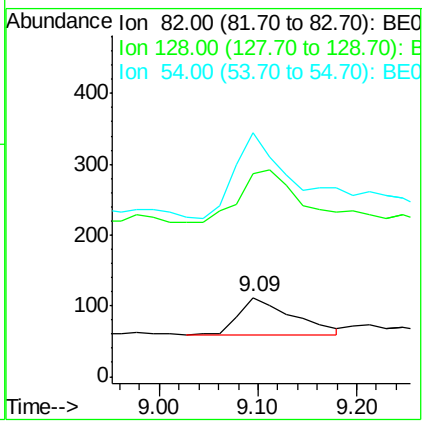


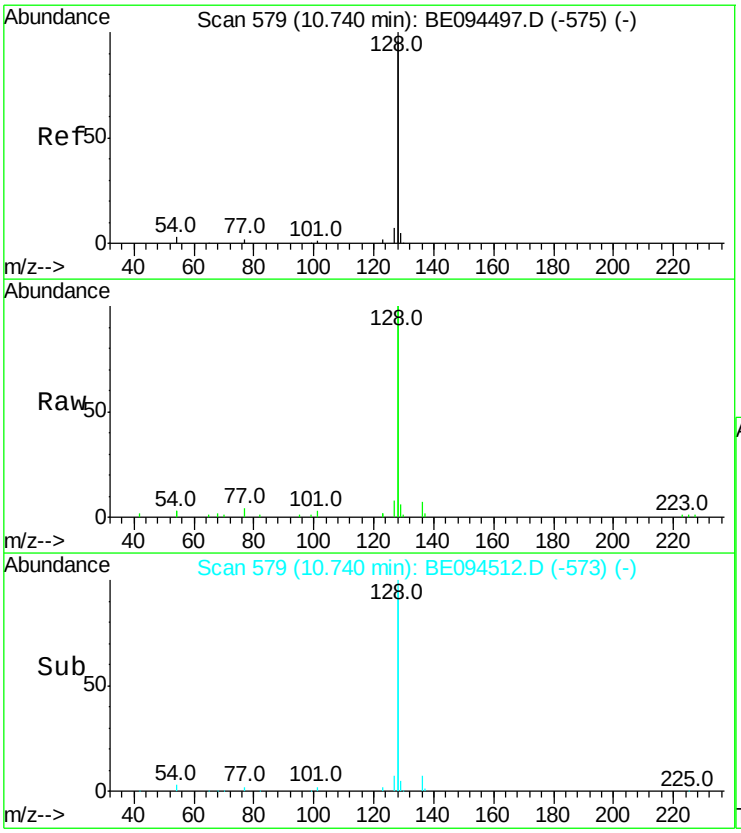
#8
Nitrobenzene-d5
Concen: 0.039 ng
RT: 9.09 min Scan# 481
Delta R.T. 0.02 min
Lab File: BE094512.D
Acq: 24 Oct 2017 10:59

Instrument :
BNA_E
ClientSampleId :
20170722-C-A-COMP1DL

Tgt Ion: 82 Resp: 200

Ion	Ratio	Lower	Upper
82	100		
128	255.4	150.0	225.0#
54	307.1	154.2	231.4#

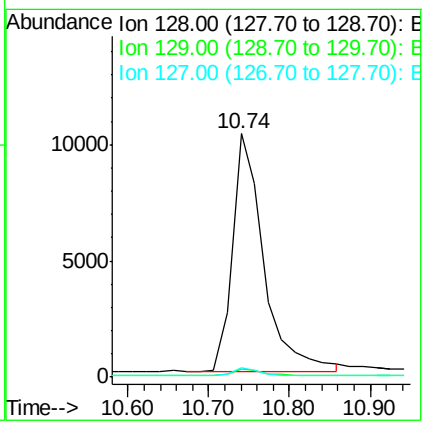


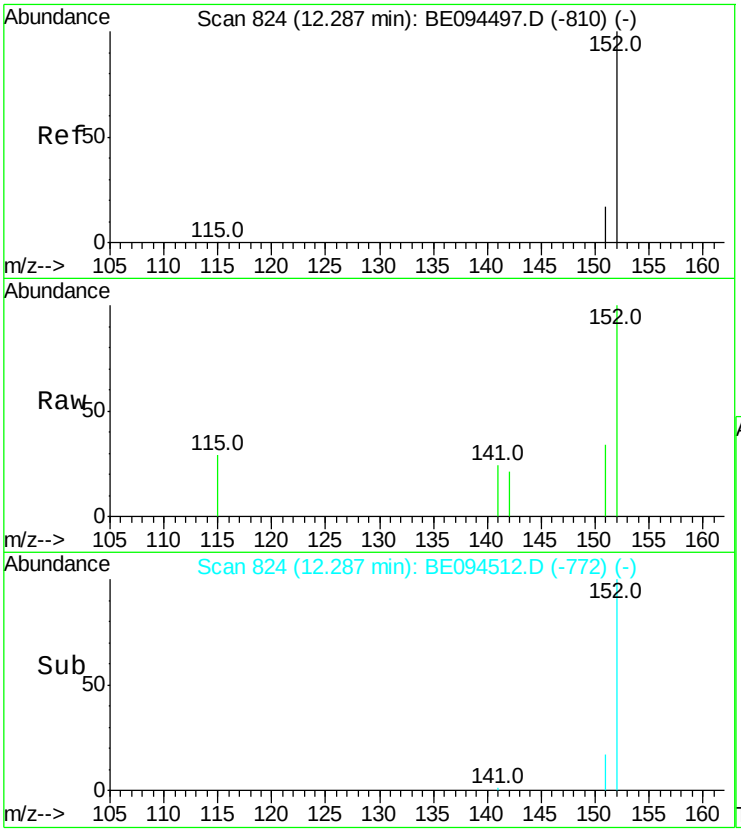


#9
Naphthalene
Concen: 0.379 ng
RT: 10.74 min Scan# 579
Delta R.T. -0.00 min
Lab File: BE094512.D
Acq: 24 Oct 2017 10:59

Tgt Ion:128 Resp: 27470

Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.6	3.8
127	3.8	2.8	4.2



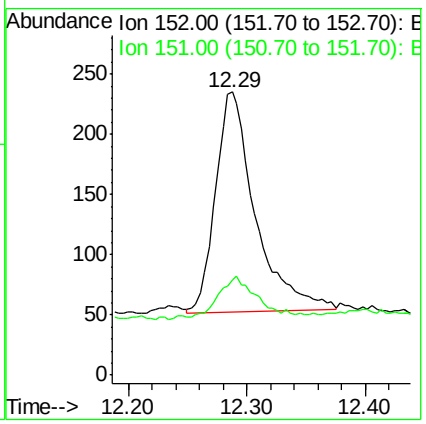


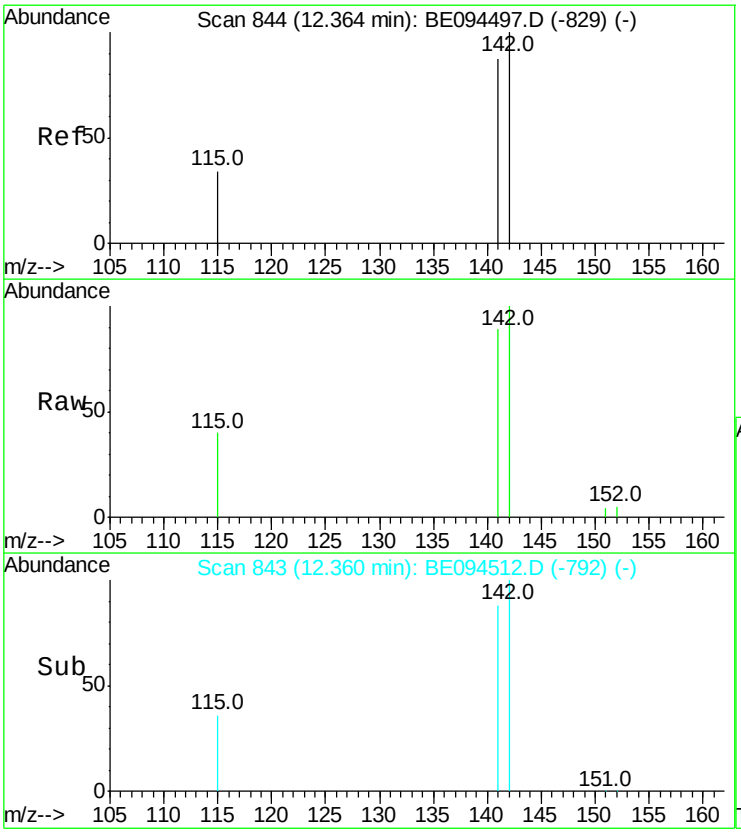
#11
2-Methylnaphthalene-d10
Concen: 0.041 ng
RT: 12.29 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE094512.D
Acq: 24 Oct 2017 10:59

Instrument :
BNA_E
ClientSampleId :
20170722-C-A-COMP1DL

Tgt Ion:152 Resp: 422

Ion	Ratio	Lower	Upper
152	100		
151	18.0	15.4	23.0

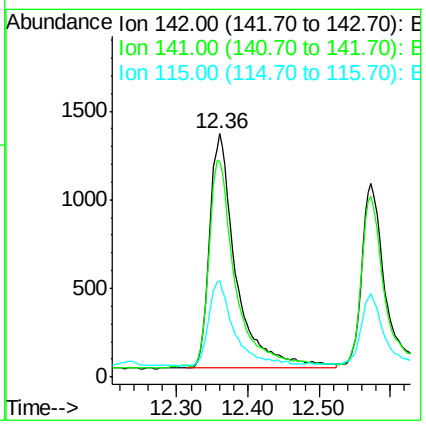


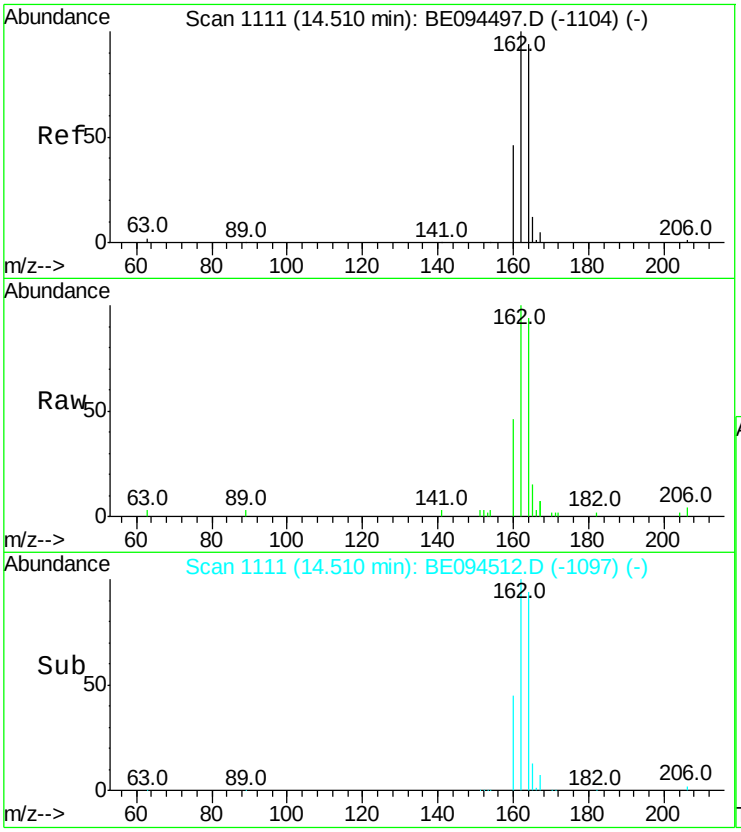


#12
2-Methylnaphthalene
Concen: 0.276 ng
RT: 12.36 min Scan# 843
Delta R.T. -0.00 min
Lab File: BE094512.D
Acq: 24 Oct 2017 10:59

Tgt Ion:142 Resp: 3395

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.4	105.6
115	39.5	31.7	47.5



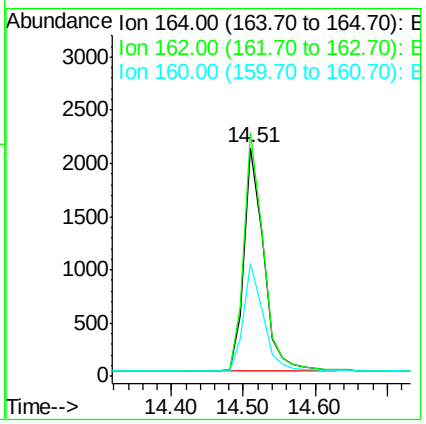


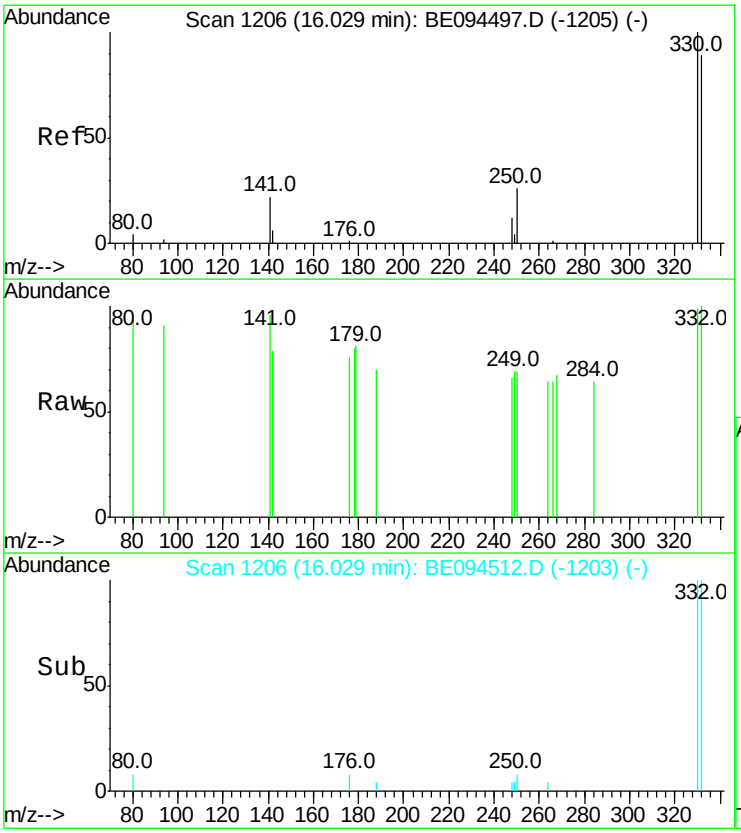
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE094512.D
Acq: 24 Oct 2017 10:59

Instrument :
BNA_E
ClientSampleId :
20170722-C-A-COMP1DL

Tgt Ion:164 Resp: 4004

Ion	Ratio	Lower	Upper
164	100		
162	106.6	83.1	124.7
160	49.3	37.1	55.7

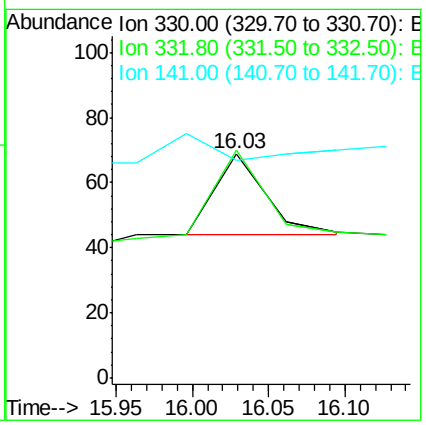


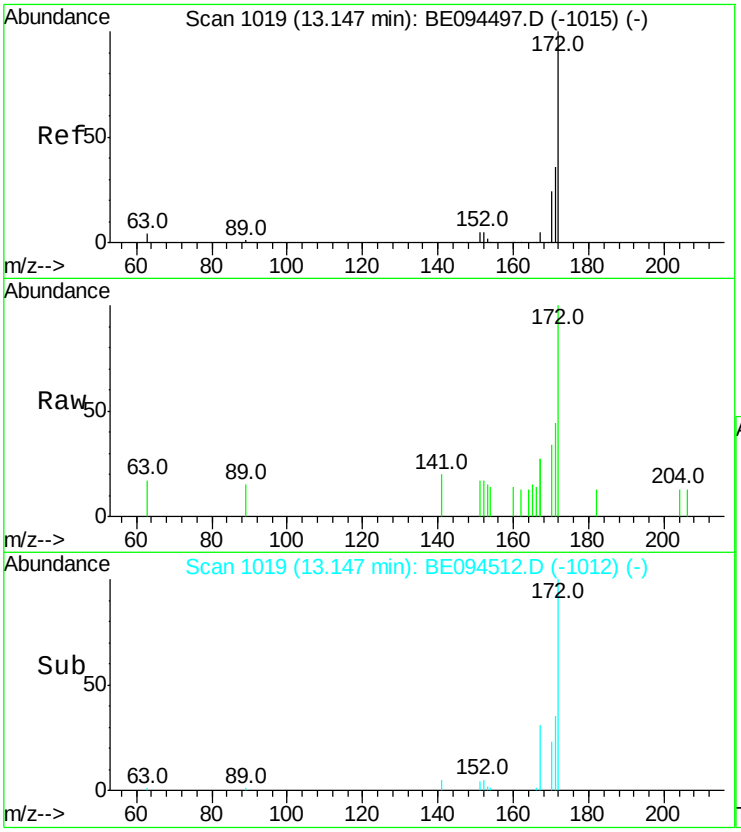


#14
2,4,6-Tribromophenol
Concen: 0.053 ng
RT: 16.03 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BE094512.D
Acq: 24 Oct 2017 10:59

Tgt Ion:330 Resp: 59

Ion	Ratio	Lower	Upper
330	100		
332	100.0	152.7	229.1#
141	0.0	33.7	50.5#



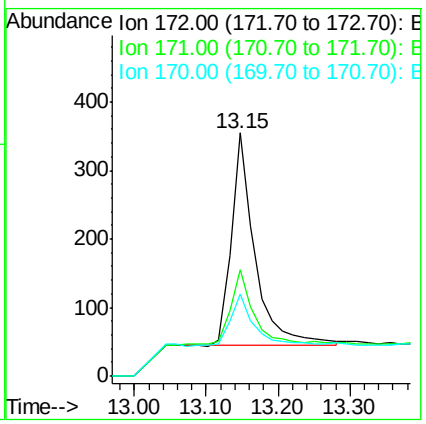


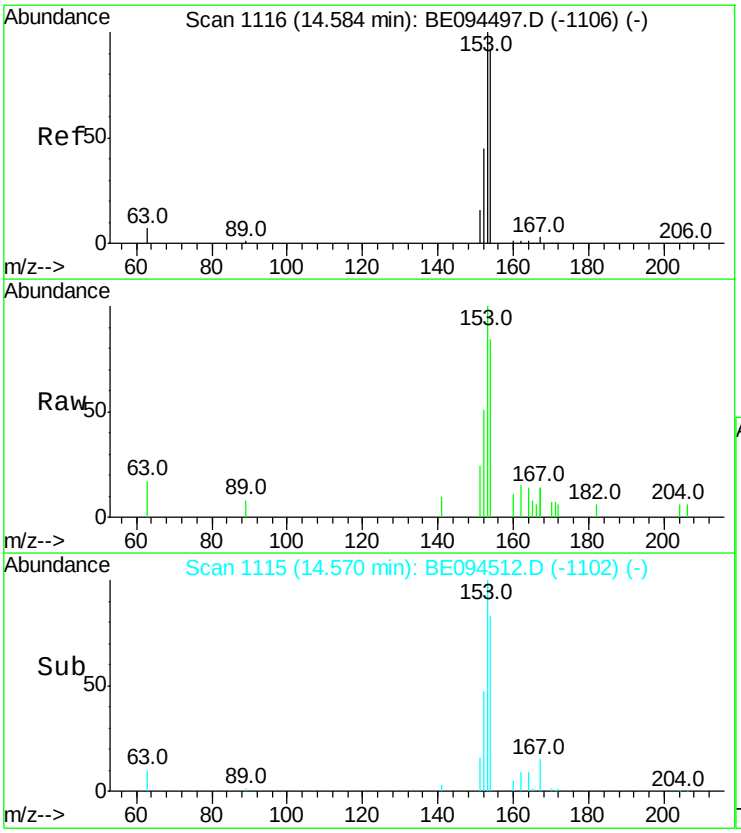
#15
2-Fluorobiphenyl
Concen: 0.050 ng
RT: 13.15 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE094512.D
Acq: 24 Oct 2017 10:59

Instrument :
BNA_E
ClientSampleId :
20170722-C-A-COMP1DL

Tgt Ion:172 Resp: 705

Ion	Ratio	Lower	Upper
172	100		
171	43.7	29.9	44.9
170	33.5	21.8	32.8#

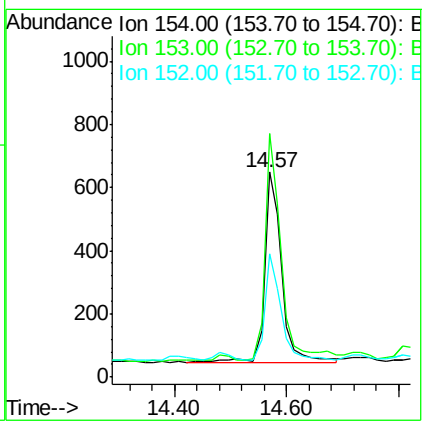


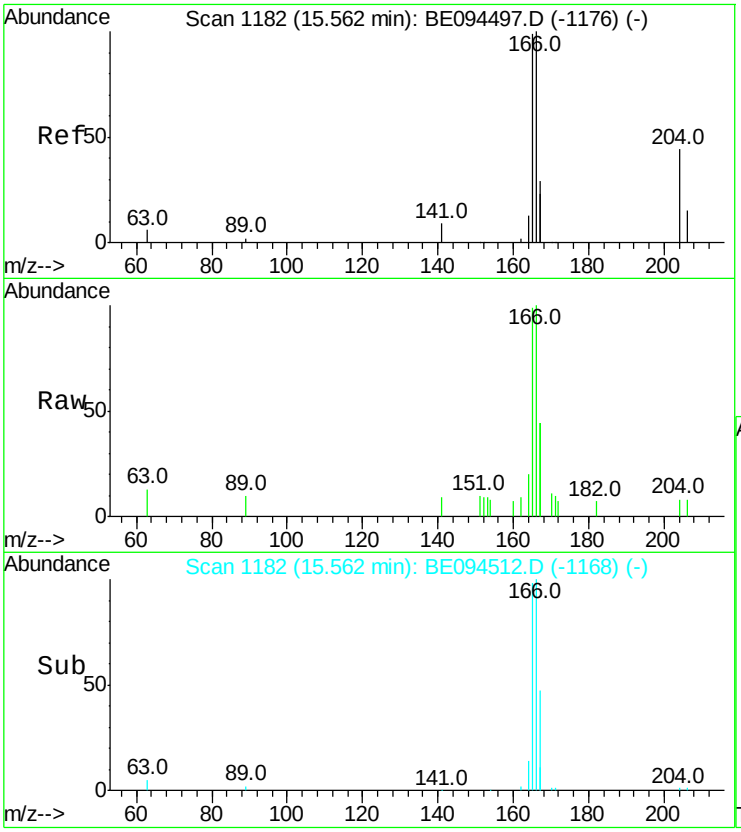


#17
Acenaphthene
Concen: 0.093 ng
RT: 14.57 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BE094512.D
Acq: 24 Oct 2017 10:59

Tgt Ion:154 Resp: 1261

Ion	Ratio	Lower	Upper
154	100		
153	117.1	89.2	133.8
152	53.4	42.0	63.0



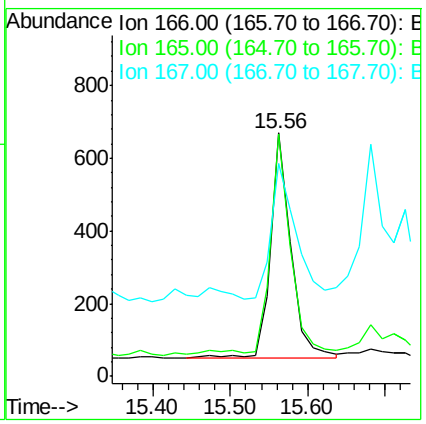


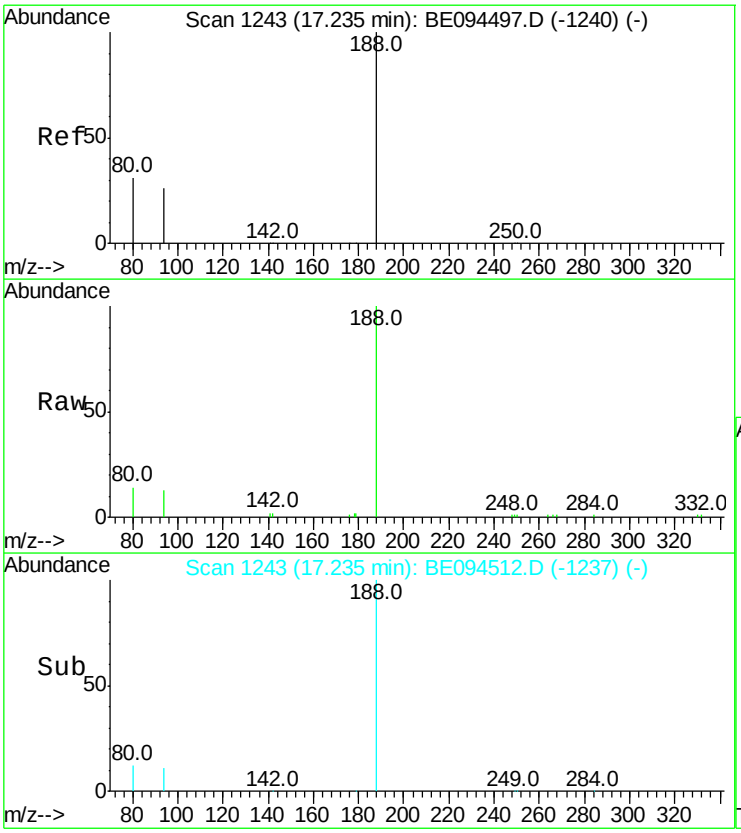
#18
Fluorene
Concen: 0.066 ng
RT: 15.56 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BE094512.D
Acq: 24 Oct 2017 10:59

Instrument :
BNA_E
ClientSampleId :
20170722-C-A-COMP1DL

Tgt Ion:166 Resp: 1140

Ion	Ratio	Lower	Upper
166	100		
165	91.8	77.8	116.6
167	72.4	42.4	63.6#

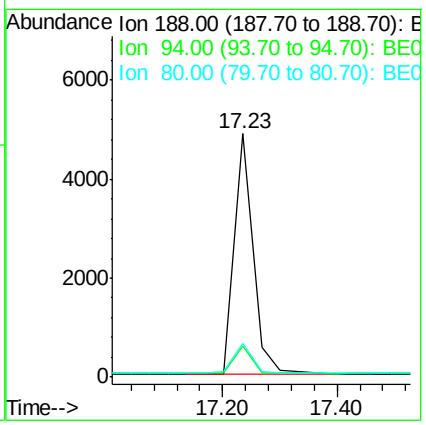


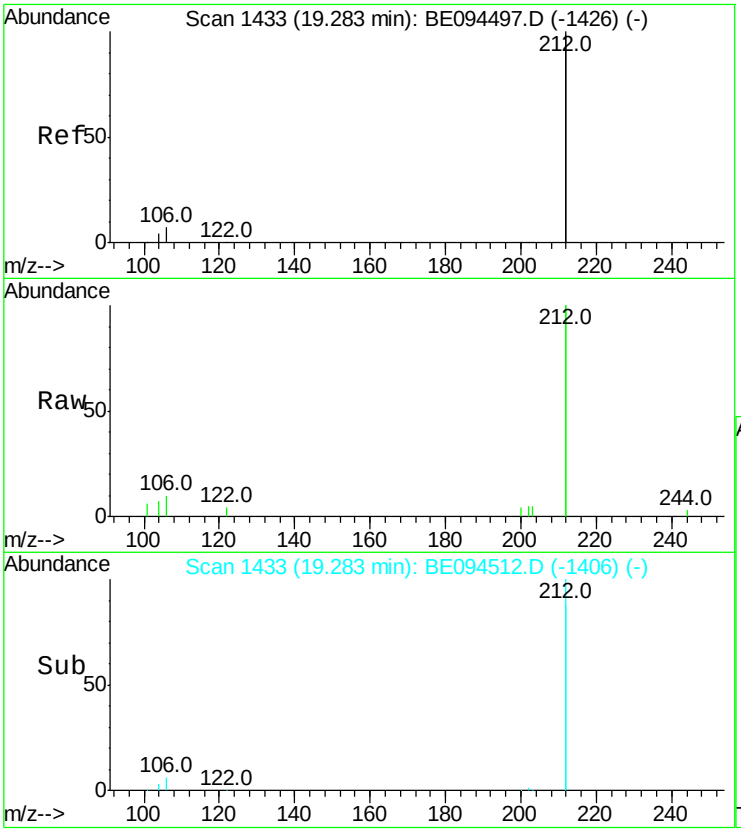


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BE094512.D
Acq: 24 Oct 2017 10:59

Tgt Ion:188 Resp: 10911

Ion	Ratio	Lower	Upper
188	100		
94	12.9	3.9	5.9#
80	13.6	3.6	5.4#



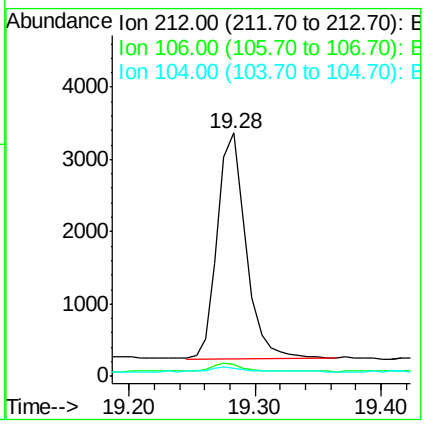


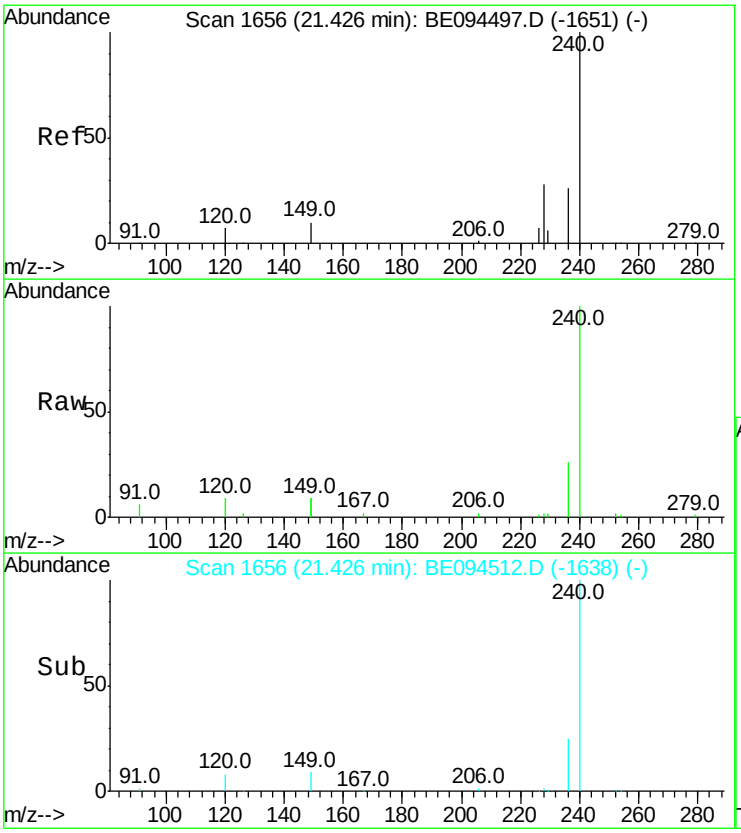
#25
Fluoranthene-d10
Concen: 0.039 ng
RT: 19.28 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BE094512.D
Acq: 24 Oct 2017 10:59

Instrument : BNA_E
ClientSampleId : 20170722-C-A-COMP1DL

Tgt Ion:212 Resp: 4926

Ion	Ratio	Lower	Upper
212	100		
106	4.1	2.8	4.2
104	2.3	1.6	2.4

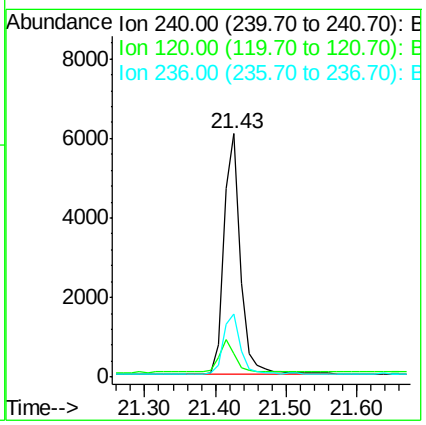


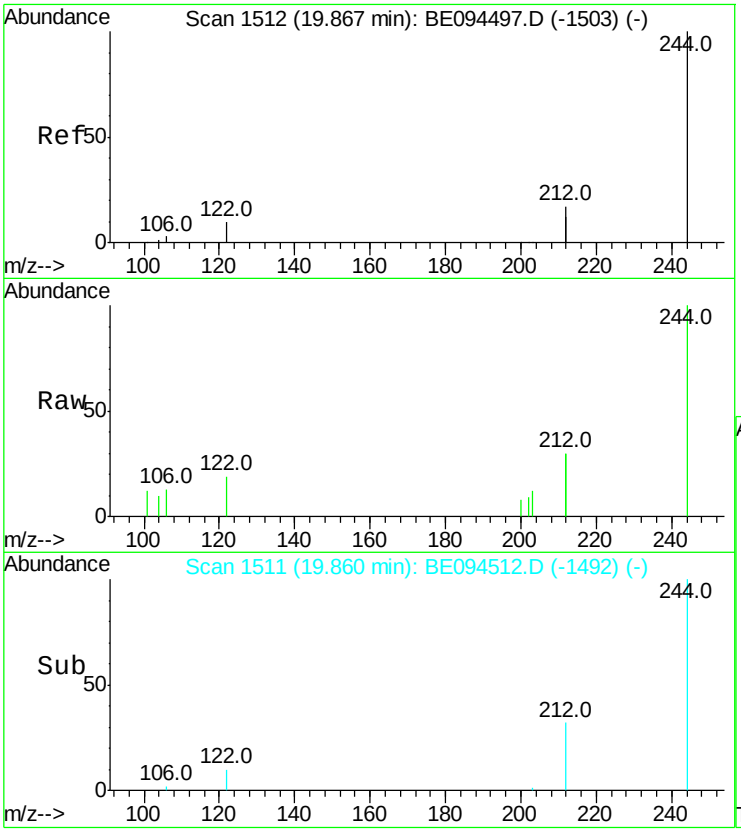


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1656
Delta R.T. -0.00 min
Lab File: BE094512.D
Acq: 24 Oct 2017 10:59

Tgt Ion:240 Resp: 9950

Ion	Ratio	Lower	Upper
240	100		
120	9.5	5.5	8.3#
236	25.8	20.7	31.1



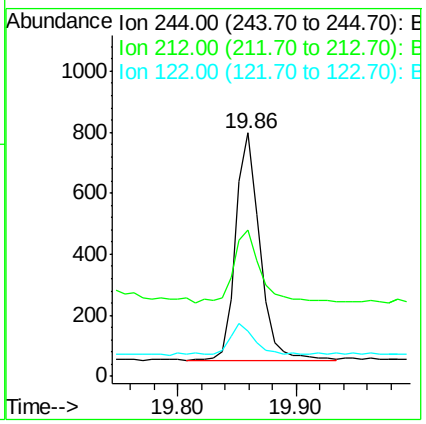


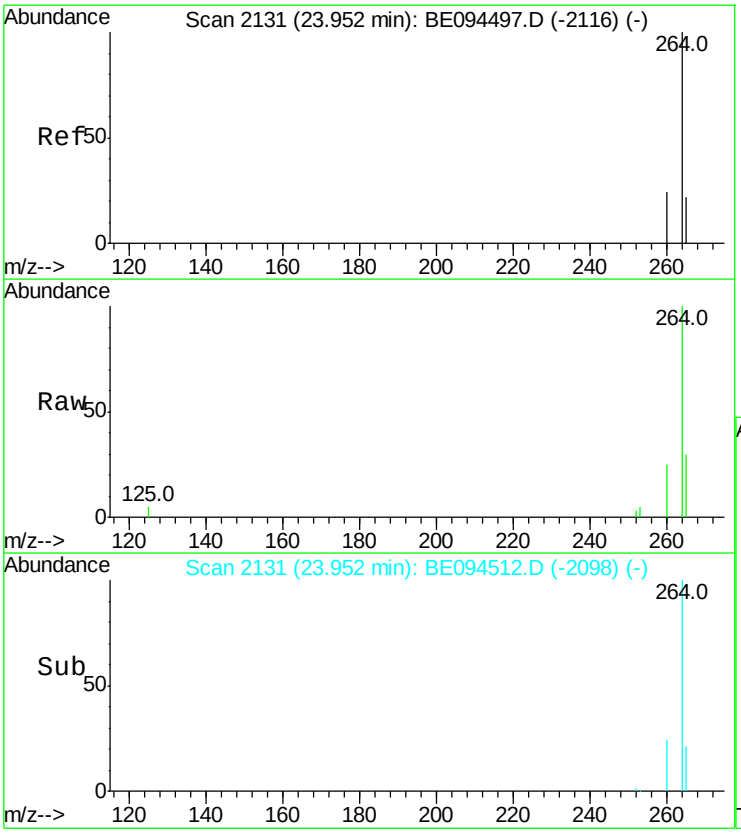
#29
Terphenyl-d14
Concen: 0.056 ng
RT: 19.86 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BE094512.D
Acq: 24 Oct 2017 10:59

Instrument :
BNA_E
ClientSampleId :
20170722-C-A-COMP1DL

Tgt Ion:244 Resp: 1055

Ion	Ratio	Lower	Upper
244	100		
212	60.2	25.4	38.0#
122	18.7	8.1	12.1#





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.95 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BE094512.D
Acq: 24 Oct 2017 10:59

Tgt Ion:264 Resp: 9305

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.5	30.7
265	29.6	22.8	34.2