Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE103017\
Data File : BE094647.D
Acq On : 30 Oct 2017 17:42
Operator : SJ/JU
Sample : PB103598BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 31 01:15:35 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	7.92	152	1111	0.40	ng	0.01
7) Naphthalene-d8	10.74	136	5981	0.40	ng	0.03
13) Acenaphthene-d10	14.54	164	3603	0.40	ng	0.03
19) Phenanthrene-d10	17.27	188	8556	0.40	ng	0.03
27) Chrysene-d12	21.44	240	8198	0.40	ng	0.01
34) Perylene-d12	23.98	264	7849	0.40	ng	0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.54	112	879	0.23	ng	0.01
5) Phenol-d6	7.26	99	1205	0.21	ng	0.13
8) Nitrobenzene-d5	9.15	82	1002	0.21	ng	0.07
11) 2-Methylnaphthalene-d10	12.33	152	2685	0.28	ng	0.04
14) 2,4,6-Tribromophenol	16.10	330	192	0.19	ng	0.07
15) 2-Fluorobiphenyl	13.18	172	3414	0.27	ng	0.03
25) Fluoranthene-d10	19.30	212	27186	0.23	ng	0.01
29) Terphenyl-d14	19.87	244	4179	0.27	ng	0.00
Target Compounds						Qvalue
23) Phenanthrene	17.30	178	39	Below Cal	#	22
26) Fluoranthene	19.33	202	65	Below Cal	#	78

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

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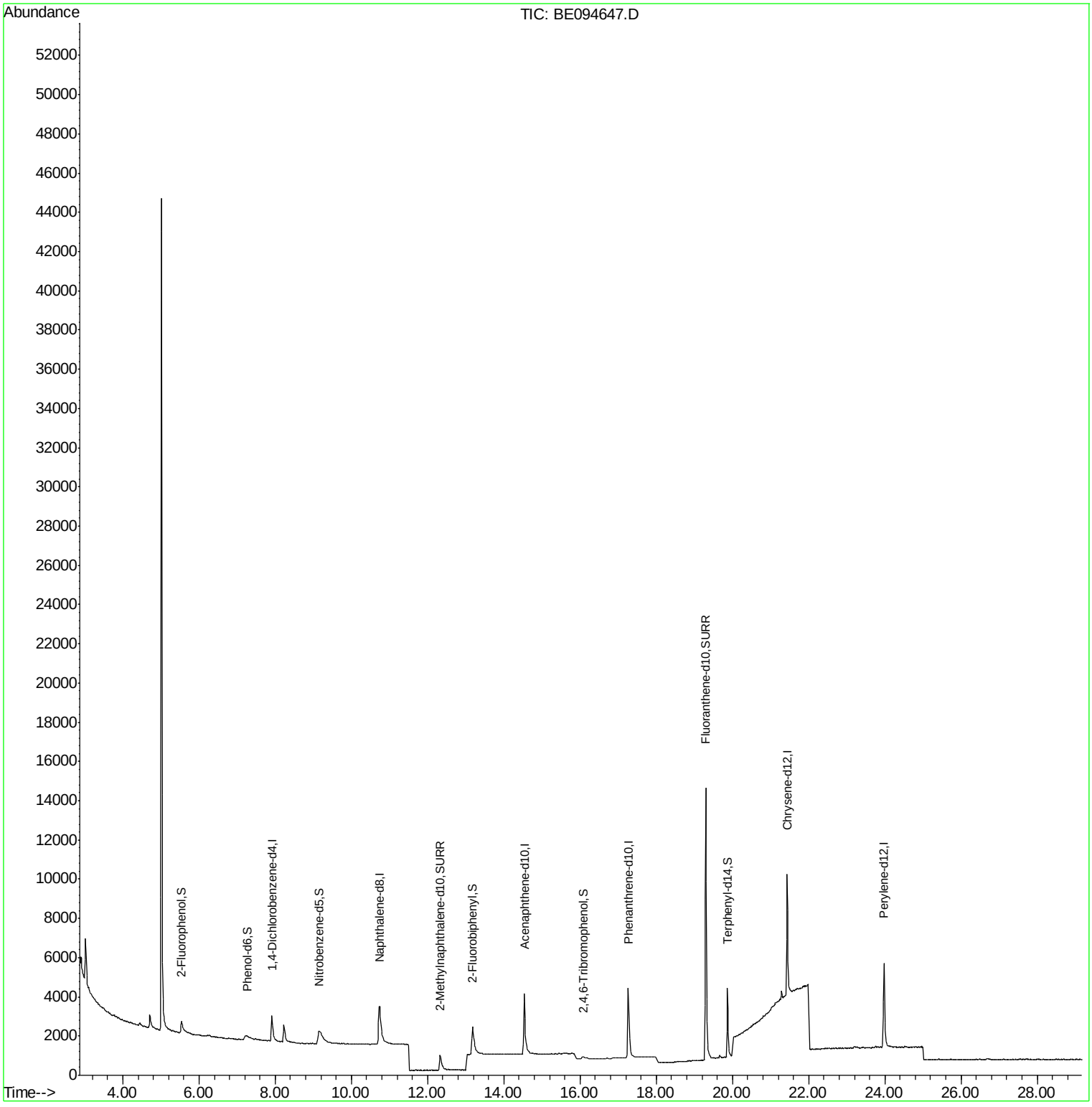
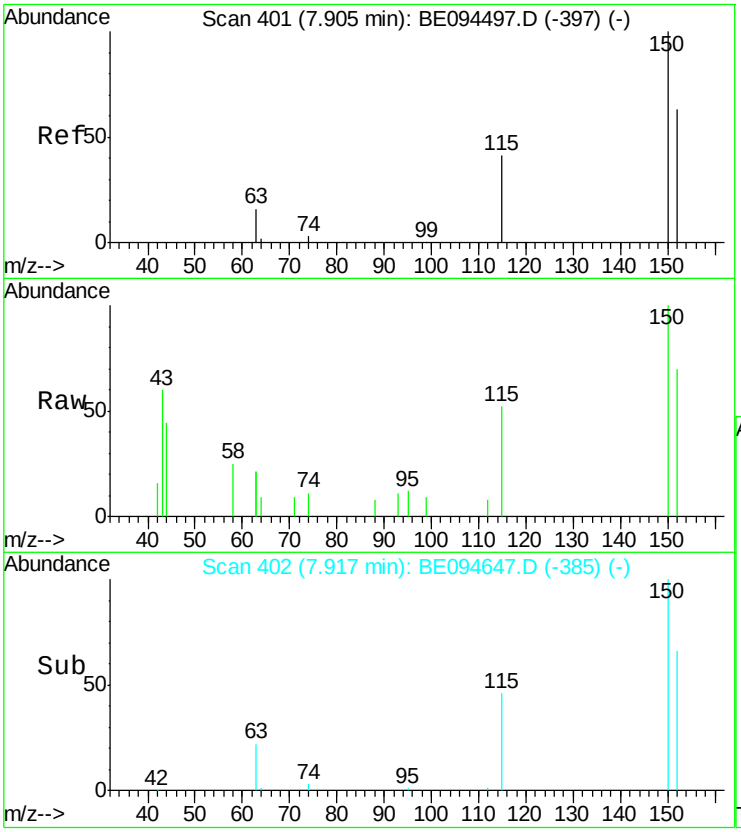


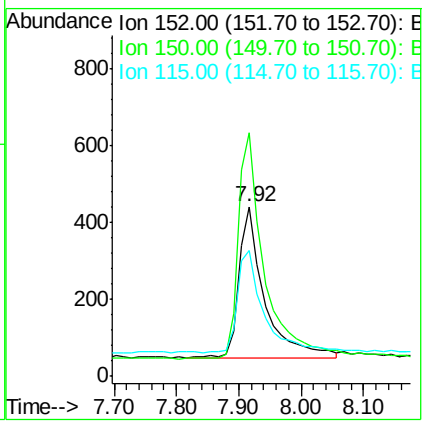


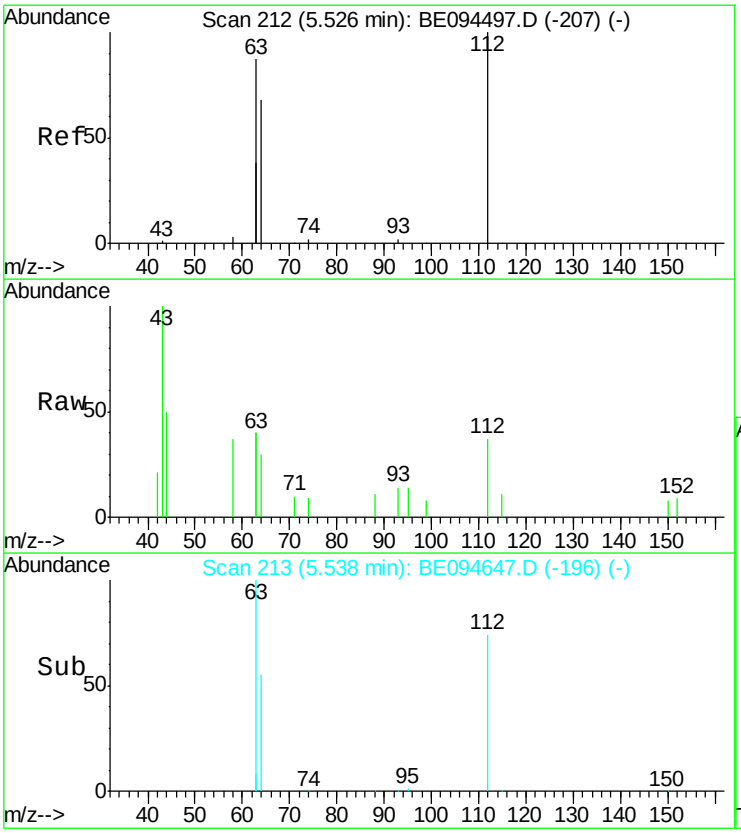
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.92 min Scan# 402
Delta R.T. 0.01 min
Lab File: BE094647.D
Acq: 30 Oct 2017 17:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1111

Ion	Ratio	Lower	Upper
152	100		
150	143.6	117.2	175.8
115	74.5	57.0	85.6

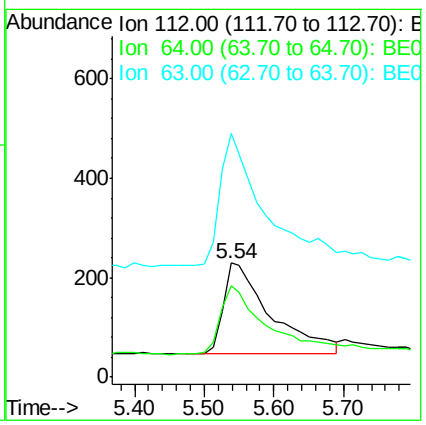


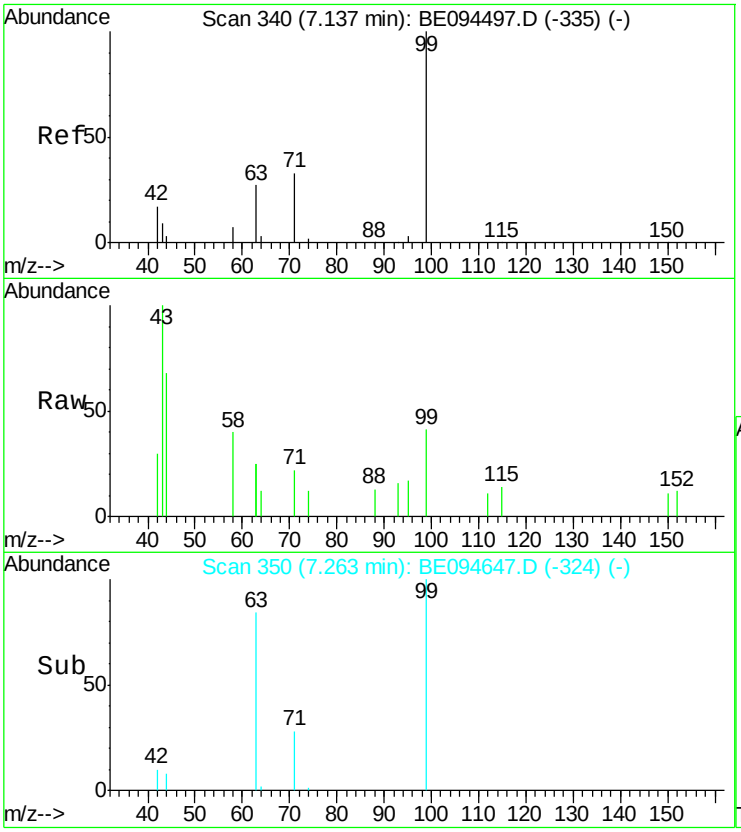


#4
2-Fluorophenol
Concen: 0.23 ng
RT: 5.54 min Scan# 213
Delta R.T. 0.01 min
Lab File: BE094647.D
Acq: 30 Oct 2017 17:42

Tgt Ion:112 Resp: 879

Ion	Ratio	Lower	Upper
112	100		
64	74.7	60.1	90.1
63	136.2	116.8	175.2



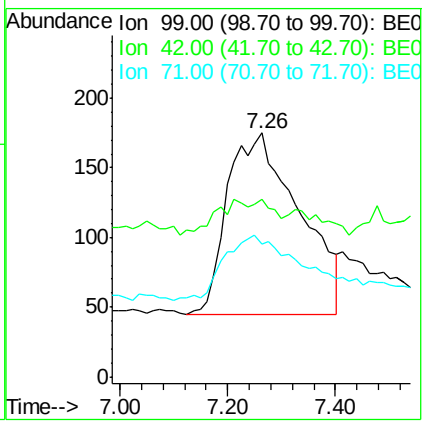


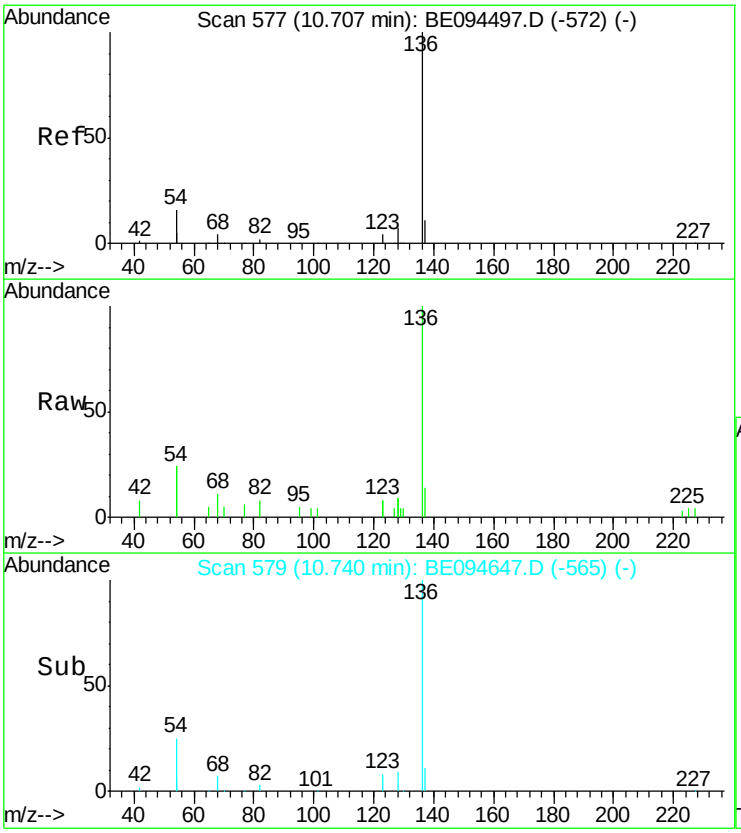
#5
Phenol-d6
Concen: 0.21 ng
RT: 7.26 min Scan# 350
Delta R.T. 0.13 min
Lab File: BE094647.D
Acq: 30 Oct 2017 17:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1205

Ion	Ratio	Lower	Upper
99	100		
42	0.0	20.2	30.2#
71	37.5	28.4	42.6

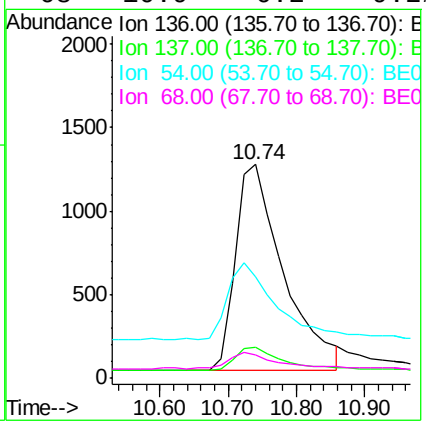


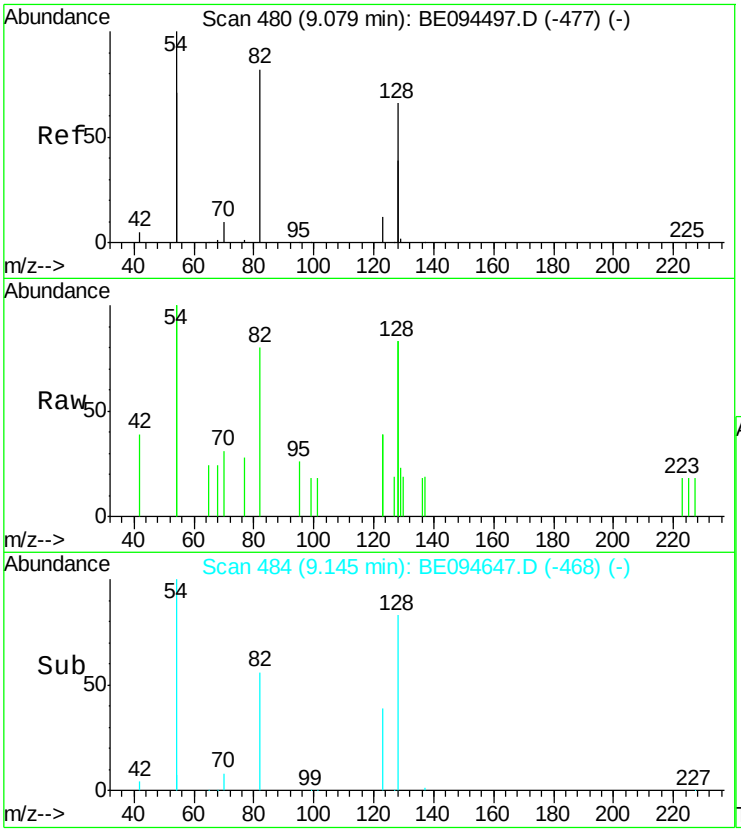


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.74 min Scan# 579
Delta R.T. 0.03 min
Lab File: BE094647.D
Acq: 30 Oct 2017 17:42

Tgt Ion:136 Resp: 5981

Ion	Ratio	Lower	Upper
136	100		
137	14.3	9.5	14.3#
54	47.5	29.1	43.7#
68	10.9	6.2	9.2#



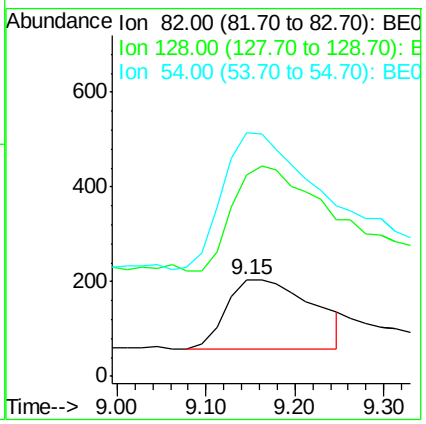


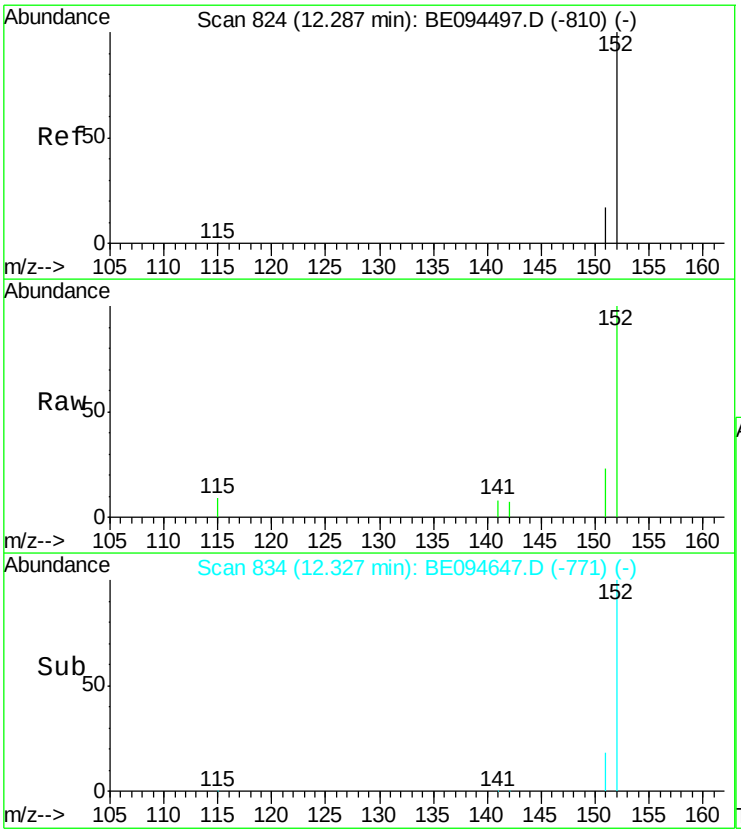
#8
Nitrobenzene-d5
Concen: 0.21 ng
RT: 9.15 min Scan# 484
Delta R.T. 0.07 min
Lab File: BE094647.D
Acq: 30 Oct 2017 17:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 1002

Ion	Ratio	Lower	Upper
82	100		
128	207.8	150.0	225.0
54	250.7	154.2	231.4#

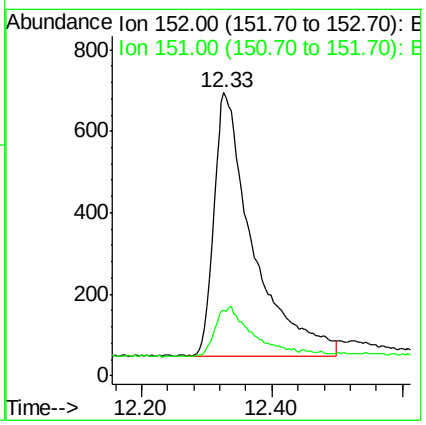


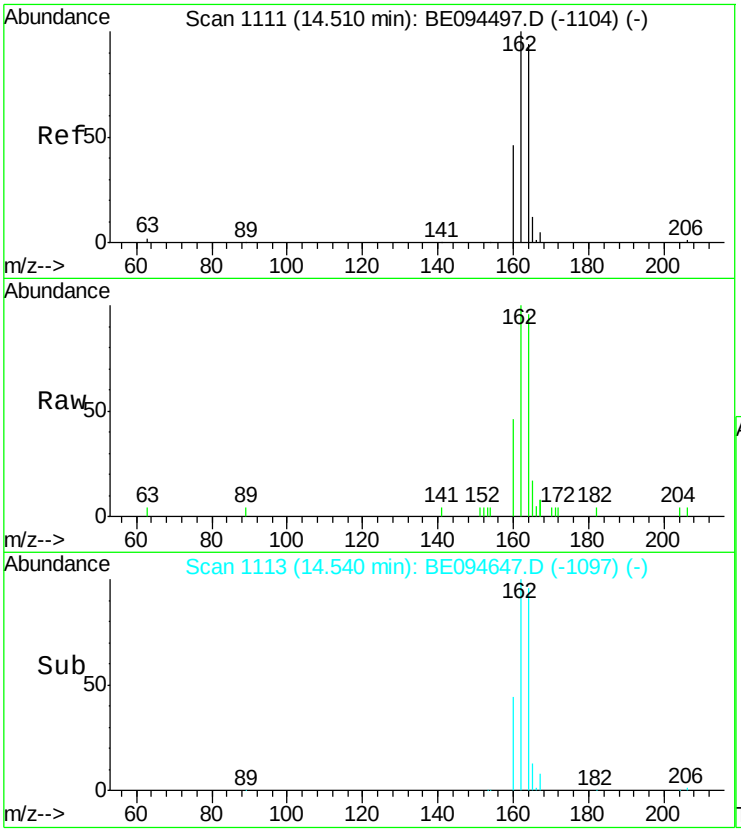


#11
2-Methylnaphthalene-d10
Concen: 0.28 ng
RT: 12.33 min Scan# 834
Delta R.T. 0.04 min
Lab File: BE094647.D
Acq: 30 Oct 2017 17:42

Tgt Ion:152 Resp: 2685

Ion	Ratio	Lower	Upper
152	100		
151	17.9	15.4	23.0



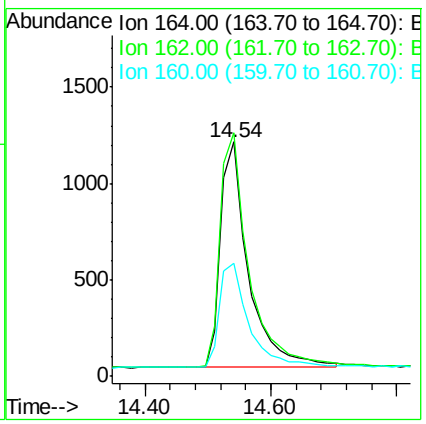


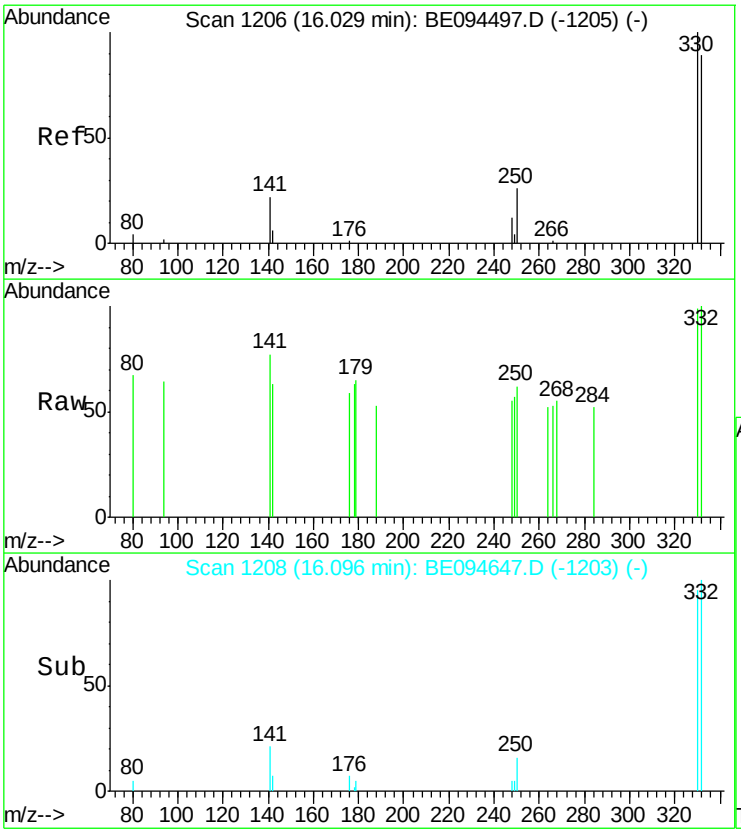
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.54 min Scan# 1113
Delta R.T. 0.03 min
Lab File: BE094647.D
Acq: 30 Oct 2017 17:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 3603

Ion	Ratio	Lower	Upper
164	100		
162	103.9	83.1	124.7
160	48.2	37.1	55.7

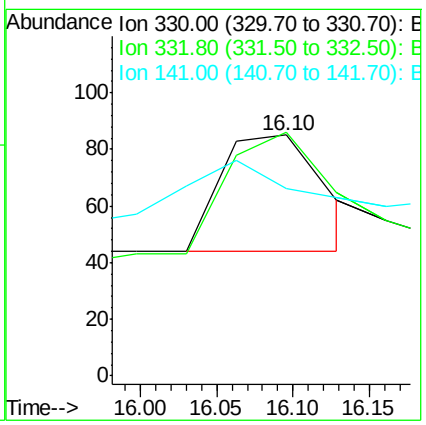


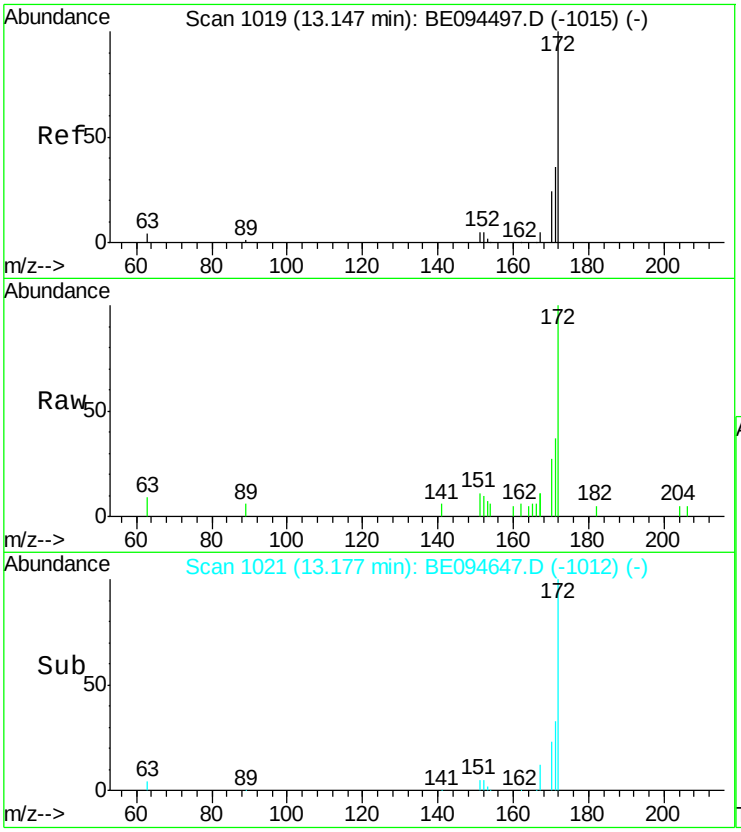


#14
2,4,6-Tribromophenol
Concen: 0.19 ng
RT: 16.10 min Scan# 1208
Delta R.T. 0.07 min
Lab File: BE094647.D
Acq: 30 Oct 2017 17:42

Tgt Ion:330 Resp: 192

Ion	Ratio	Lower	Upper
330	100		
332	102.1	152.7	229.1#
141	0.0	33.7	50.5#



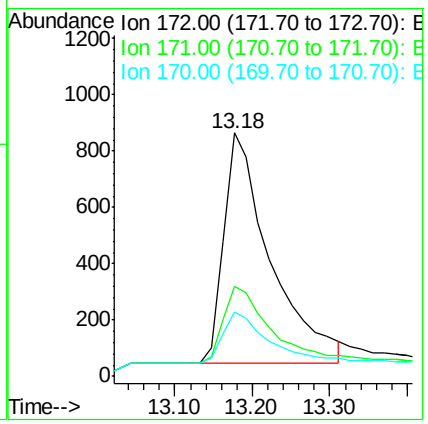


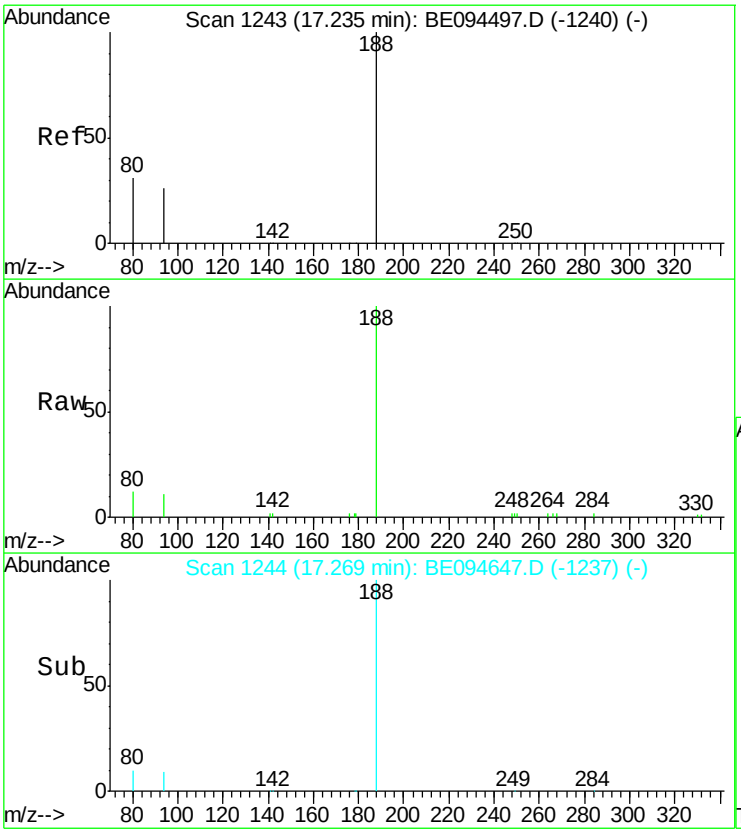
#15
2-Fluorobiphenyl
Concen: 0.27 ng
RT: 13.18 min Scan# 1021
Delta R.T. 0.03 min
Lab File: BE094647.D
Acq: 30 Oct 2017 17:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 3414

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.9	44.9
170	26.7	21.8	32.8

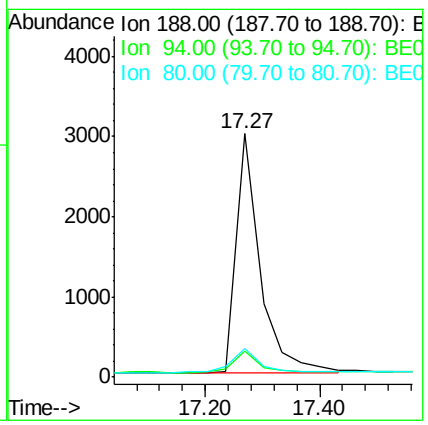


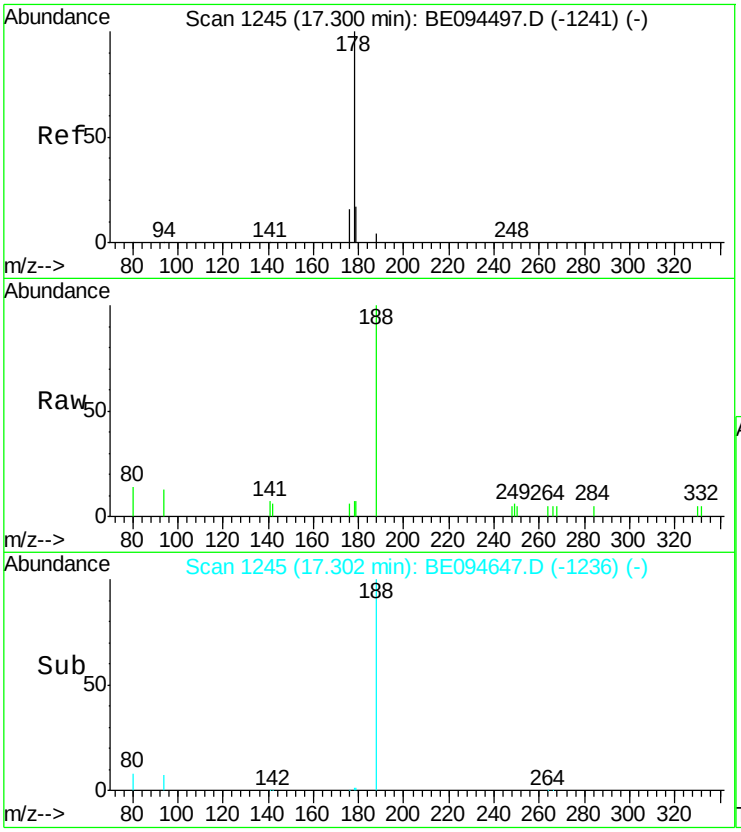


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.03 min
Lab File: BE094647.D
Acq: 30 Oct 2017 17:42

Tgt Ion:188 Resp: 8556

Ion	Ratio	Lower	Upper
188	100		
94	10.8	3.9	5.9#
80	11.5	3.6	5.4#



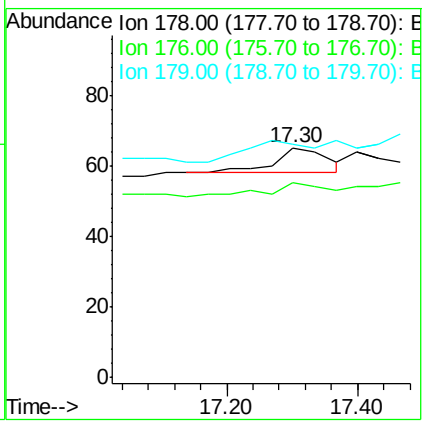


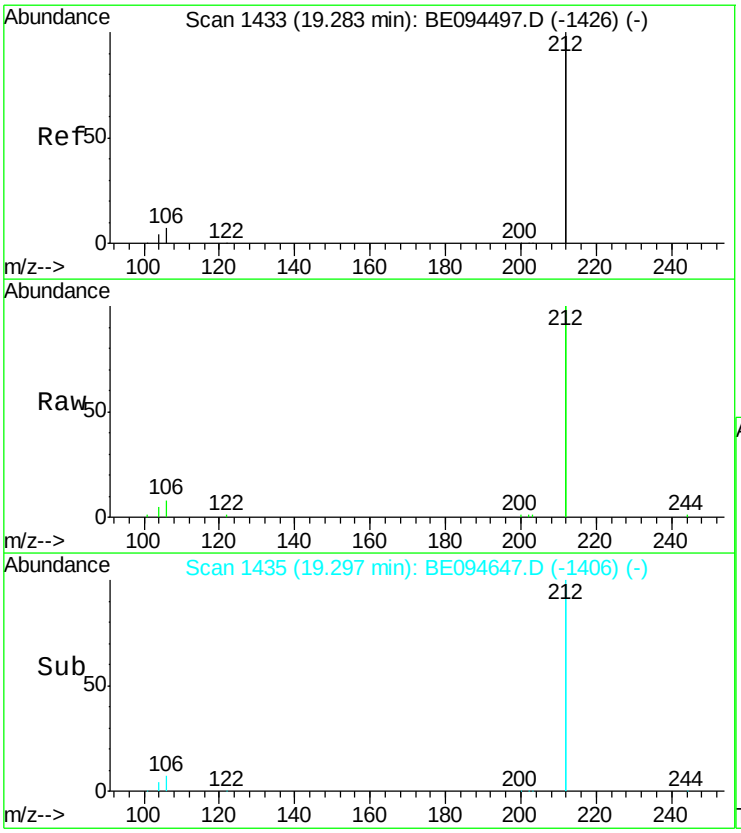
#23
Phenanthrene
Concen: Below Cal
RT: 17.30 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BE094647.D
Acq: 30 Oct 2017 17:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 39

Ion	Ratio	Lower	Upper
178	100		
176	69.2	15.1	22.7#
179	0.0	11.8	17.6#

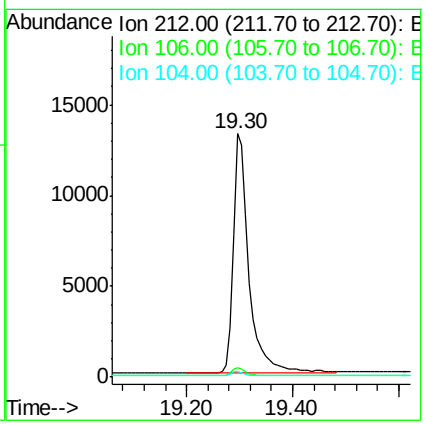


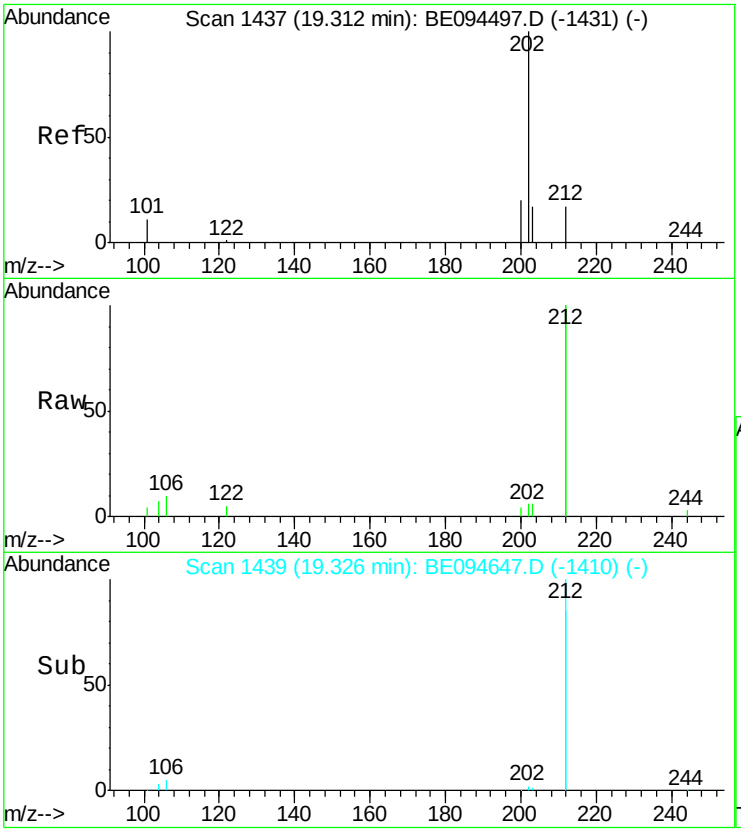


#25
Fluoranthene-d10
Concen: 0.23 ng
RT: 19.30 min Scan# 1435
Delta R.T. 0.01 min
Lab File: BE094647.D
Acq: 30 Oct 2017 17:42

Tgt Ion:212 Resp: 27186

Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.8	4.2
104	1.9	1.6	2.4



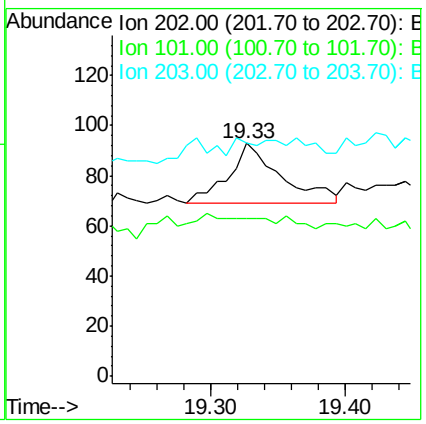


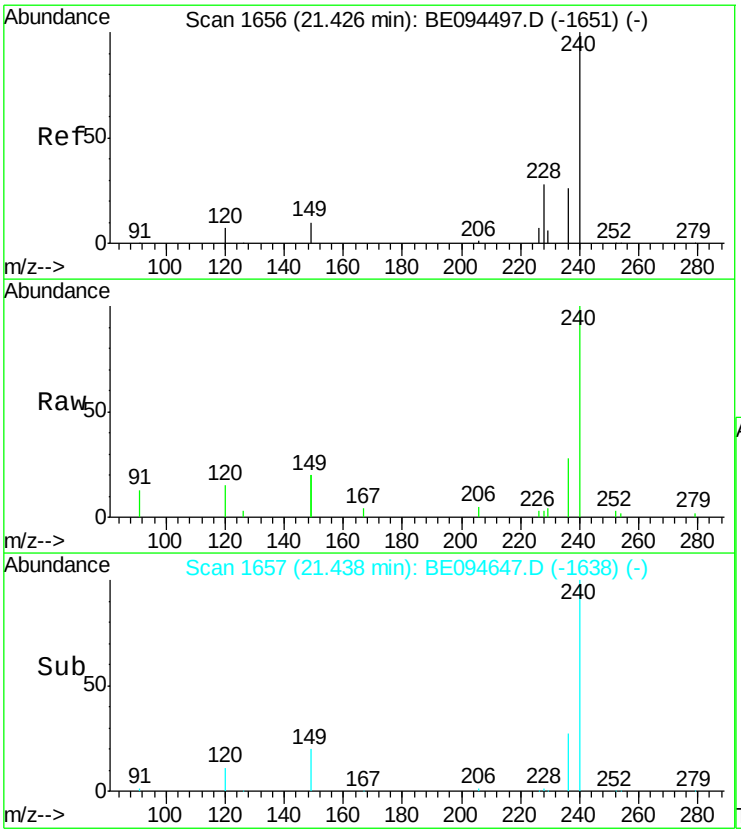
#26
Fluoranthene
Concen: Below Cal
RT: 19.33 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BE094647.D
Acq: 30 Oct 2017 17:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 65

Ion	Ratio	Lower	Upper
202	100		
101	0.0	9.8	14.8#
203	10.8	13.7	20.5#

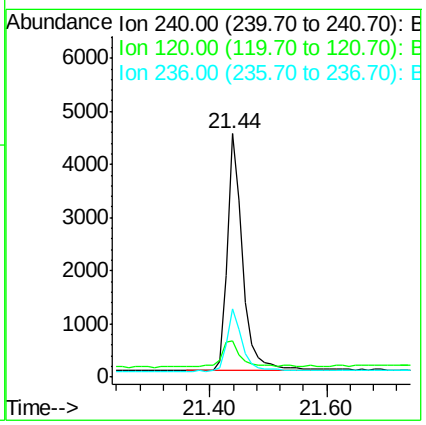


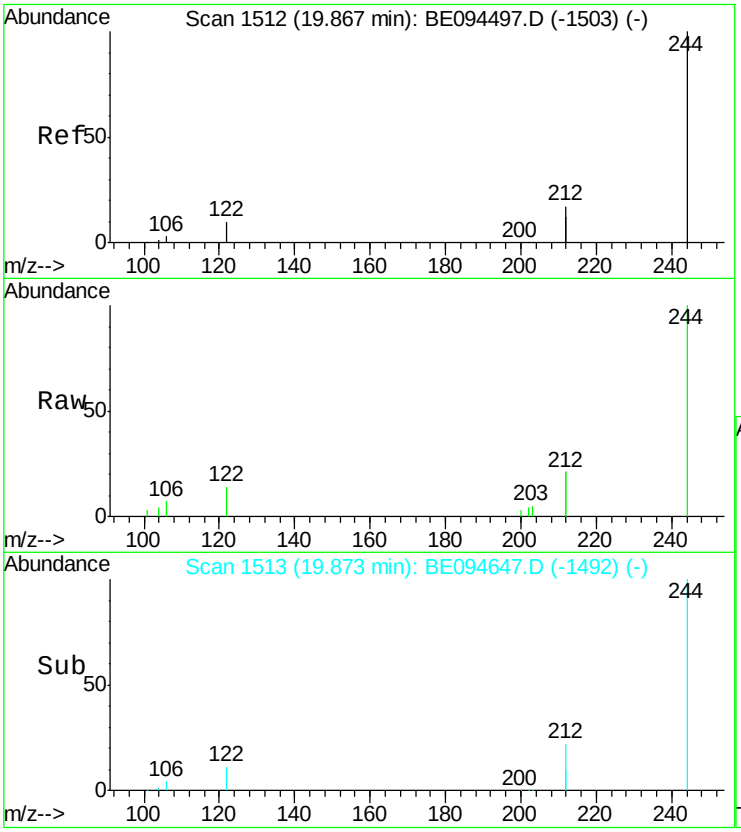


#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.44 min Scan# 1657
Delta R.T. 0.01 min
Lab File: BE094647.D
Acq: 30 Oct 2017 17:42

Tgt Ion:240 Resp: 8198

Ion	Ratio	Lower	Upper
240	100		
120	15.0	5.5	8.3#
236	28.2	20.7	31.1



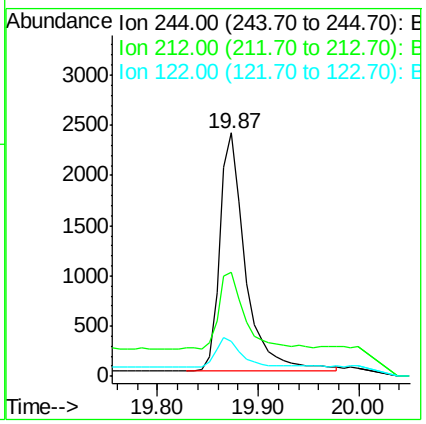


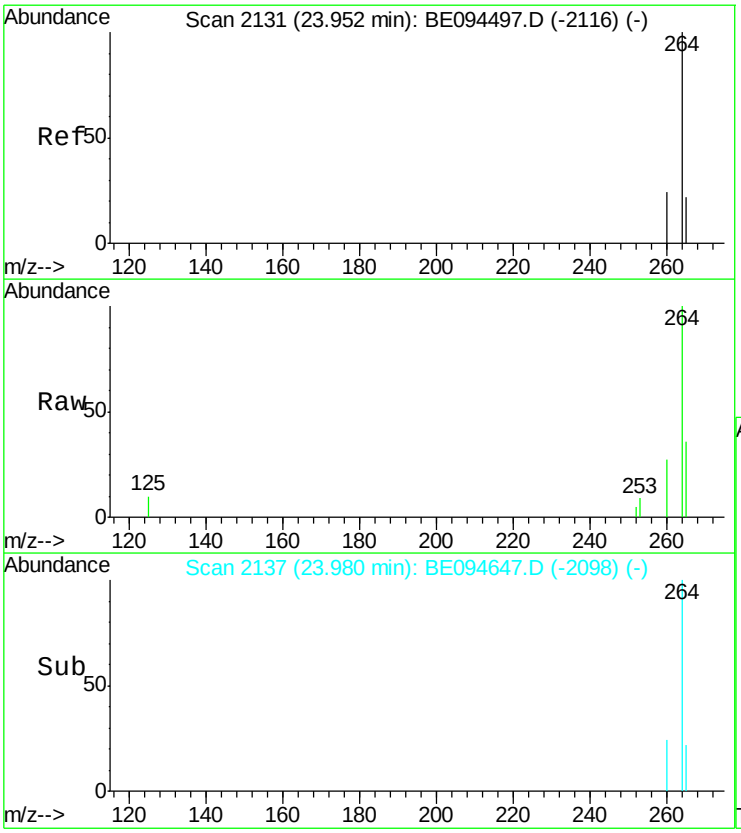
#29
Terphenyl-d14
Concen: 0.27 ng
RT: 19.87 min Scan# 1513
Delta R.T. 0.01 min
Lab File: BE094647.D
Acq: 30 Oct 2017 17:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 4179

Ion	Ratio	Lower	Upper
244	100		
212	42.9	25.4	38.0#
122	14.4	8.1	12.1#





#34
Perylene-d12
Concen: 0.40 ng
RT: 23.98 min Scan# 2137
Delta R.T. 0.03 min
Lab File: BE094647.D
Acq: 30 Oct 2017 17:42

Tgt Ion:264 Resp: 7849

Ion	Ratio	Lower	Upper
264	100		
260	26.6	20.5	30.7
265	36.0	22.8	34.2#