Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061419\
Data File : BE100014.D
Acq On : 14 Jun 2019 9:15
Operator : JU/SJ
Sample : PB120491BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB120491BL

Quant Time: Jun 15 01:04:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	803	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	2678	0.40	ng	0.03
13) Acenaphthene-d10	14.49	164	2194	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	6140	0.40	ng	0.01
27) Chrysene-d12	21.41	240	7428	0.40	ng	0.01
34) Perylene-d12	23.94	264	8273	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	708	0.33	ng	0.00
5) Phenol-d6	7.00	99	765	0.27	ng	0.03
8) Nitrobenzene-d5	9.03	82	676	0.27	ng	0.07
11) 2-Methylnaphthalene-d10	12.25	152	1620	0.35	ng	0.04
14) 2,4,6-Tribromophenol	16.02	330	178	0.11	ng	0.05
15) 2-Fluorobiphenyl	13.13	172	3029	0.36	ng	0.03
25) Fluoranthene-d10	19.26	212	28199	0.32	ng	0.00
29) Terphenyl-d14	19.86	244	7133	0.53	ng	0.00
Target Compounds						Qvalue

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

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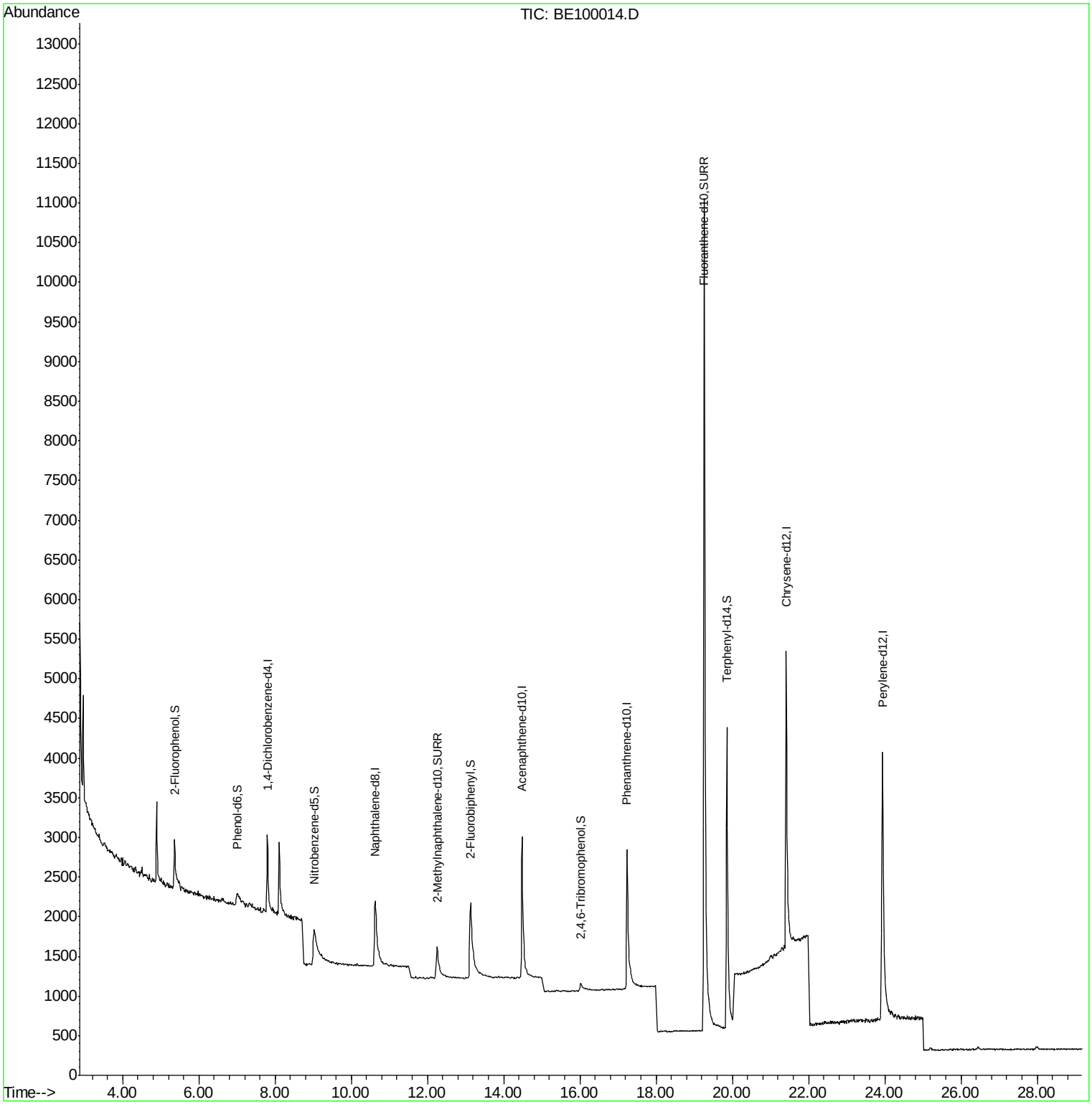
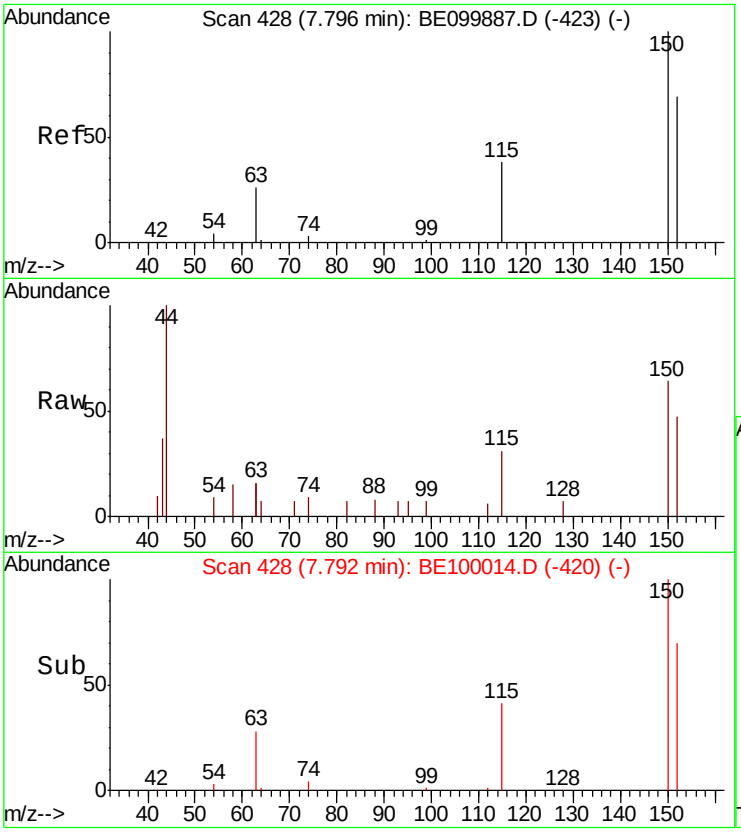


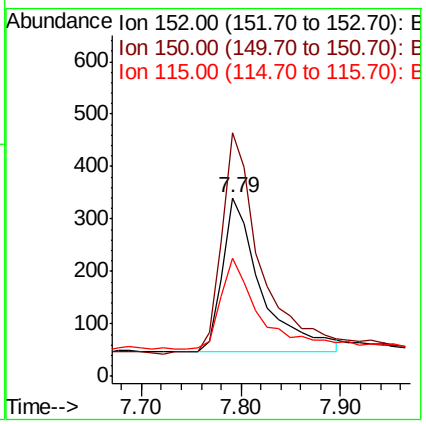


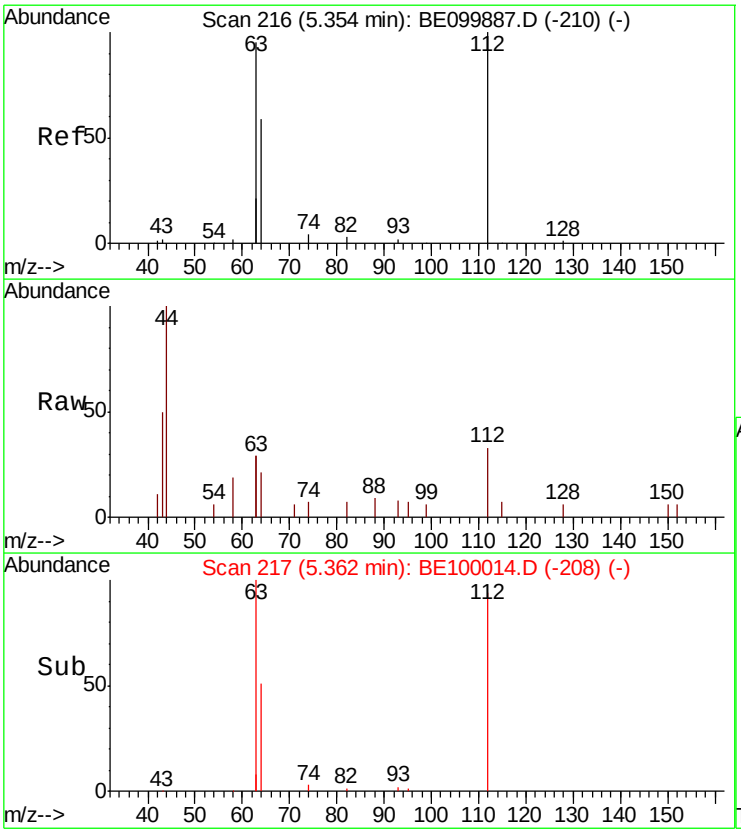
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE100014.D
Acq: 14 Jun 2019 9:15

Instrument :
BNA_E
ClientSampleId :
PB120491BL

Tgt Ion:152 Resp: 803

Ion	Ratio	Lower	Upper
152	100		
150	136.5	111.0	166.6
115	66.5	50.7	76.1

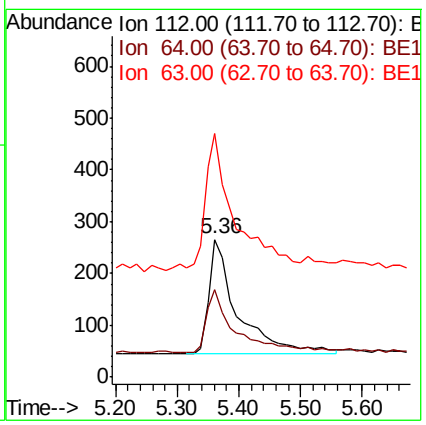


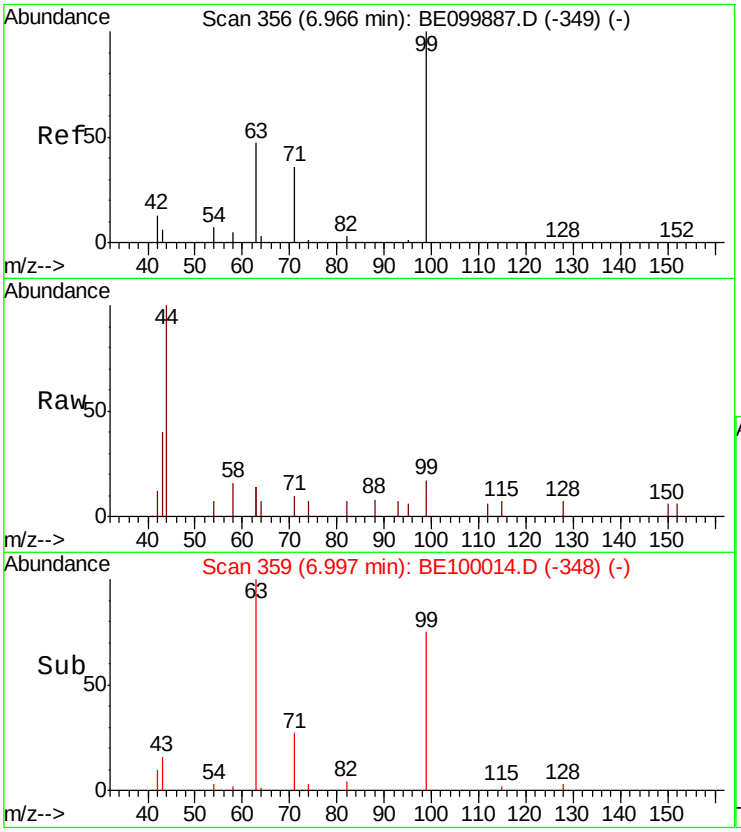


#4
2-Fluorophenol
Concen: 0.327 ng
RT: 5.36 min Scan# 217
Delta R.T. 0.01 min
Lab File: BE100014.D
Acq: 14 Jun 2019 9:15

Tgt Ion:112 Resp: 708

Ion	Ratio	Lower	Upper
112	100		
64	55.1	44.1	66.1
63	126.3	87.8	131.6



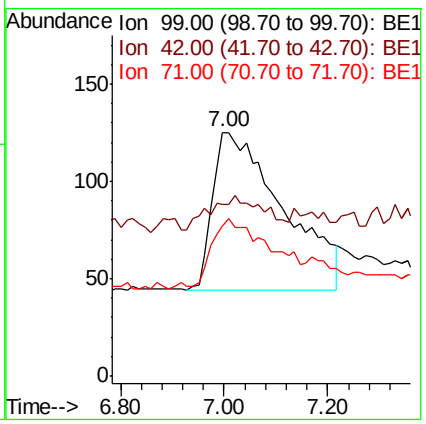


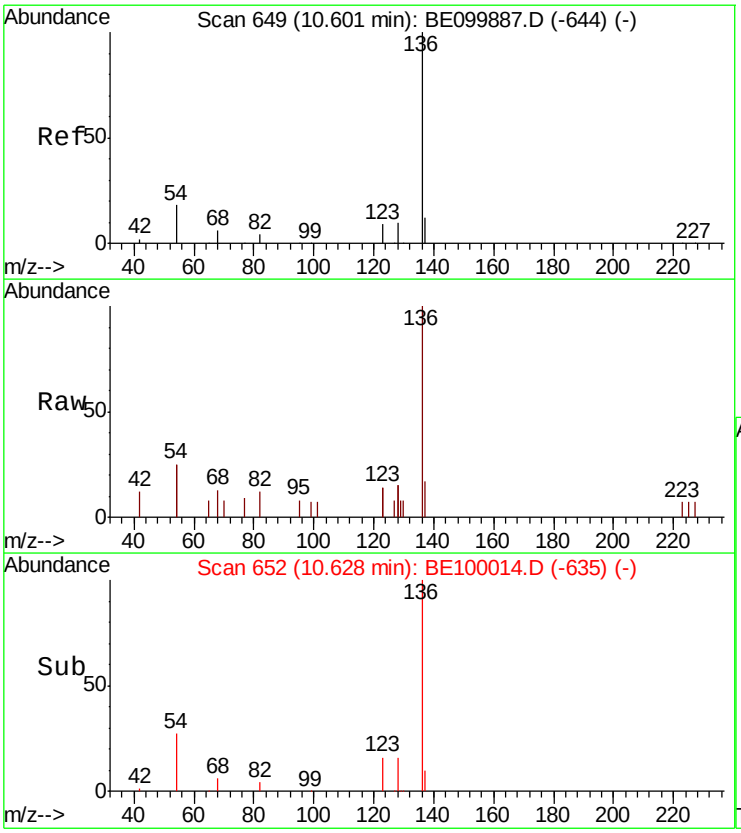
#5
Phenol-d6
Concen: 0.274 ng
RT: 7.00 min Scan# 359
Delta R.T. 0.03 min
Lab File: BE100014.D
Acq: 14 Jun 2019 9:15

Instrument :
BNA_E
ClientSampleId :
PB120491BL

Tgt Ion: 99 Resp: 765

Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.9	23.9#
71	0.0	34.6	52.0#

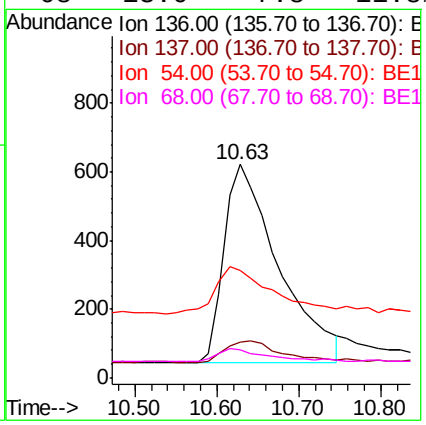


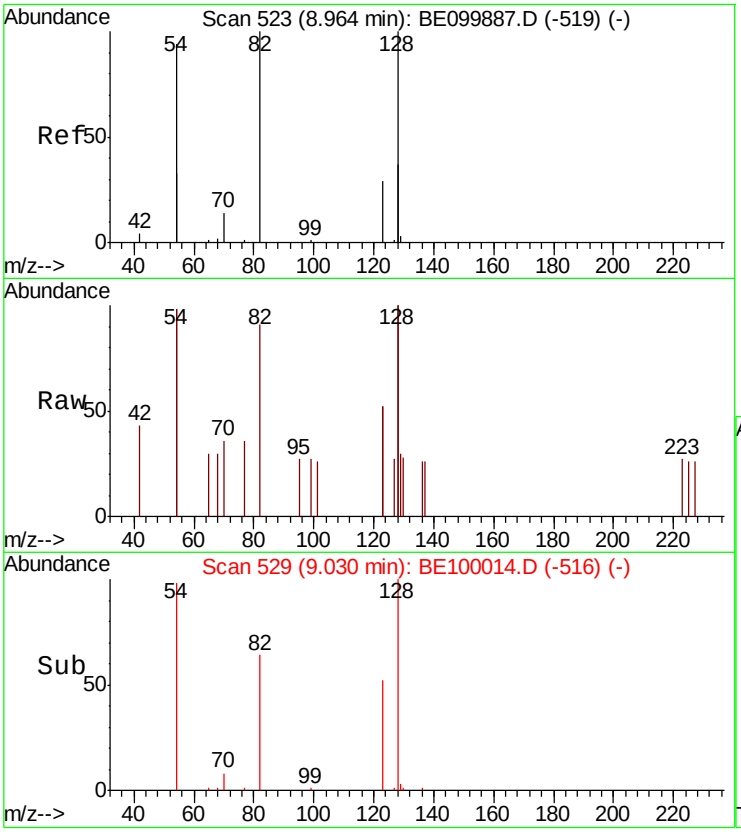


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 652
Delta R.T. 0.03 min
Lab File: BE100014.D
Acq: 14 Jun 2019 9:15

Tgt Ion:136 Resp: 2678

Ion	Ratio	Lower	Upper
136	100		
137	16.7	12.3	18.5
54	50.2	28.2	42.4#
68	13.0	7.8	11.8#



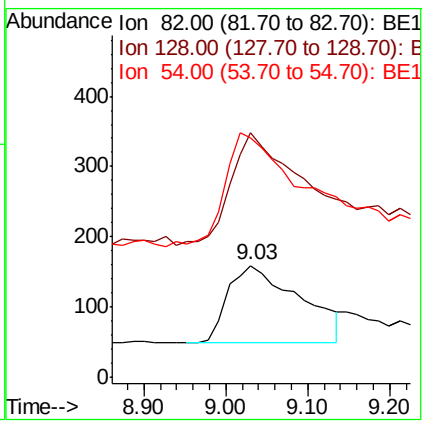


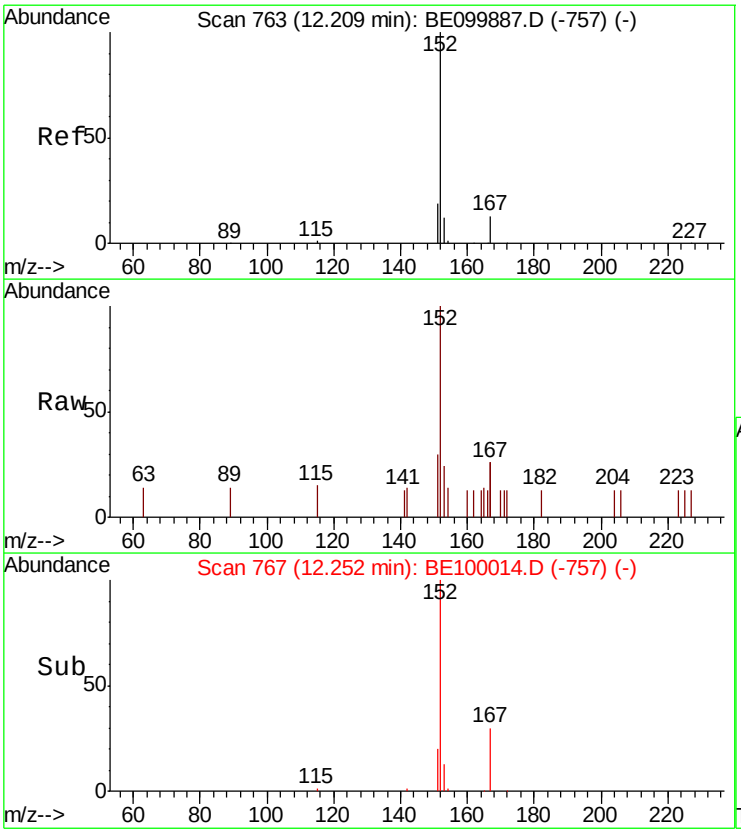
#8
Nitrobenzene-d5
Concen: 0.267 ng
RT: 9.03 min Scan# 529
Delta R.T. 0.07 min
Lab File: BE100014.D
Acq: 14 Jun 2019 9:15

Instrument :
BNA_E
ClientSampleId :
PB120491BL

Tgt Ion: 82 Resp: 676

Ion	Ratio	Lower	Upper
82	100		
128	218.9	137.3	205.9#
54	213.8	129.7	194.5#

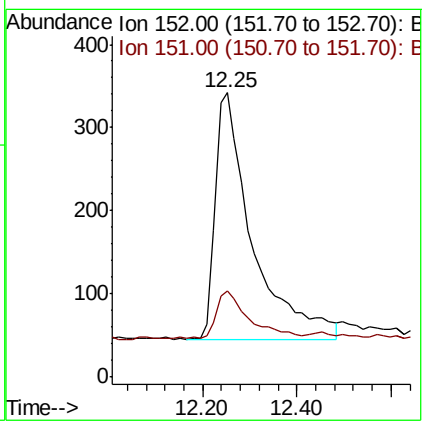


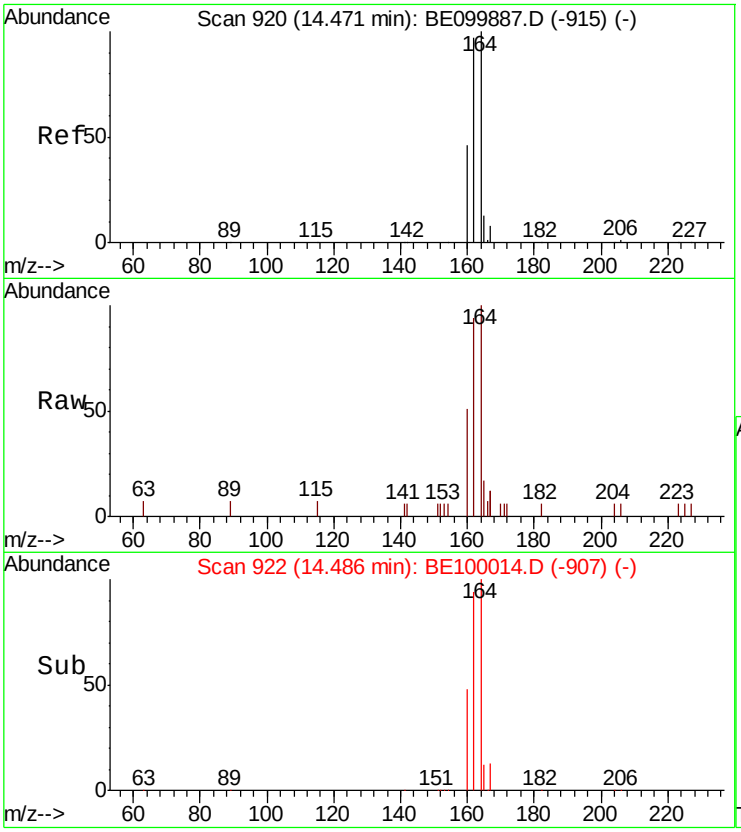


#11
2-Methylnaphthalene-d10
Concen: 0.347 ng
RT: 12.25 min Scan# 767
Delta R.T. 0.04 min
Lab File: BE100014.D
Acq: 14 Jun 2019 9:15

Tgt Ion:152 Resp: 1620

Ion	Ratio	Lower	Upper
152	100		
151	17.4	15.2	22.8



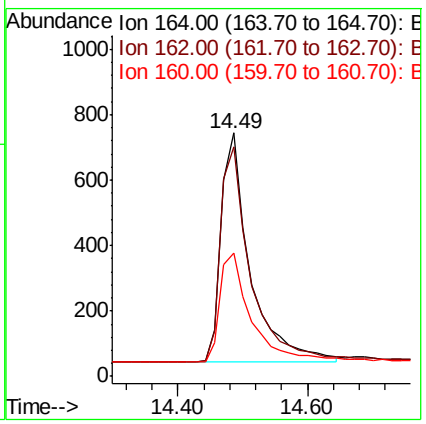


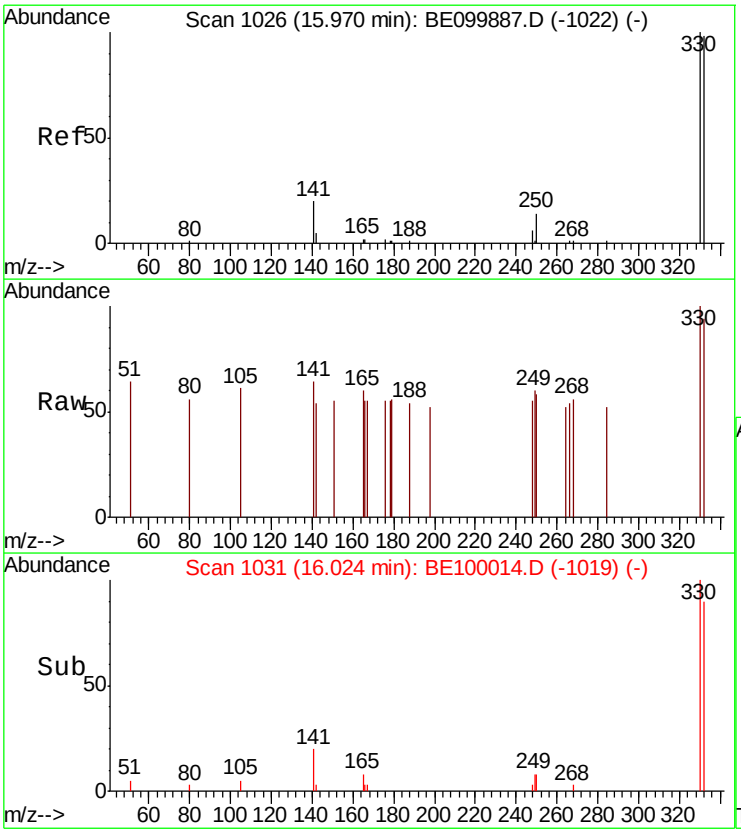
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 922
Delta R.T. 0.01 min
Lab File: BE100014.D
Acq: 14 Jun 2019 9:15

Instrument :
BNA_E
ClientSampleId :
PB120491BL

Tgt Ion:164 Resp: 2194

Ion	Ratio	Lower	Upper
164	100		
162	94.4	77.8	116.8
160	50.8	38.2	57.4

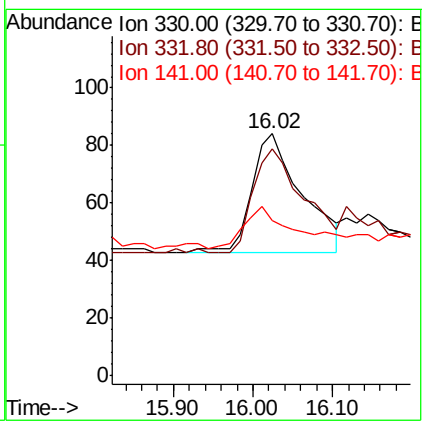


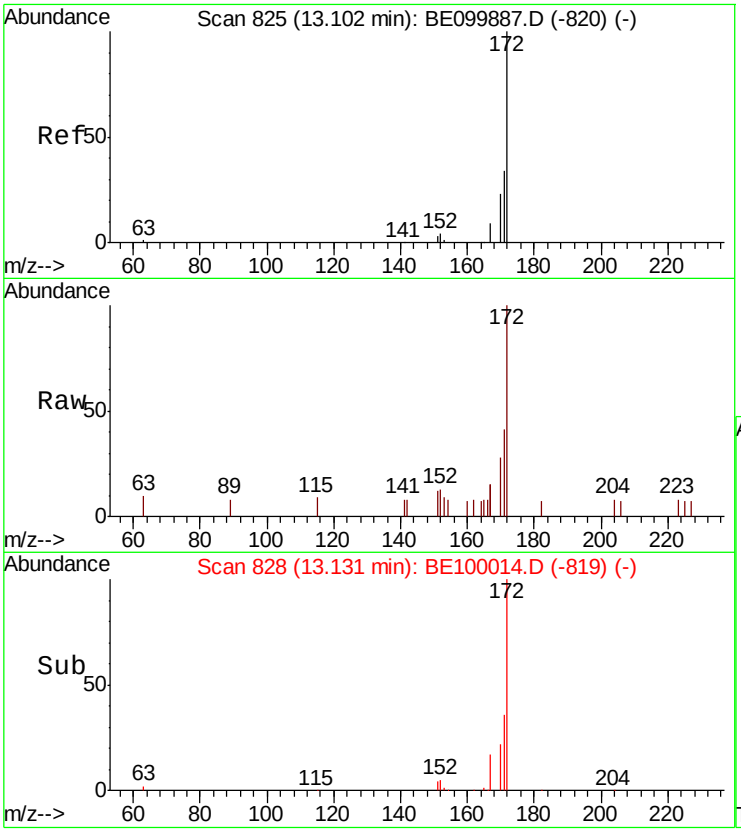


#14
2,4,6-Tribromophenol
Concen: 0.110 ng
RT: 16.02 min Scan# 1031
Delta R.T. 0.05 min
Lab File: BE100014.D
Acq: 14 Jun 2019 9:15

Tgt Ion:330 Resp: 178

Ion	Ratio	Lower	Upper
330	100		
332	89.9	76.7	115.1
141	39.3	21.0	31.6#



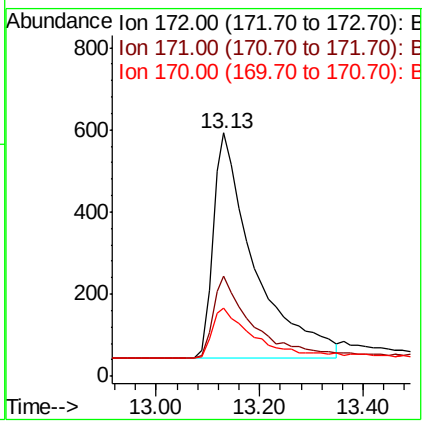


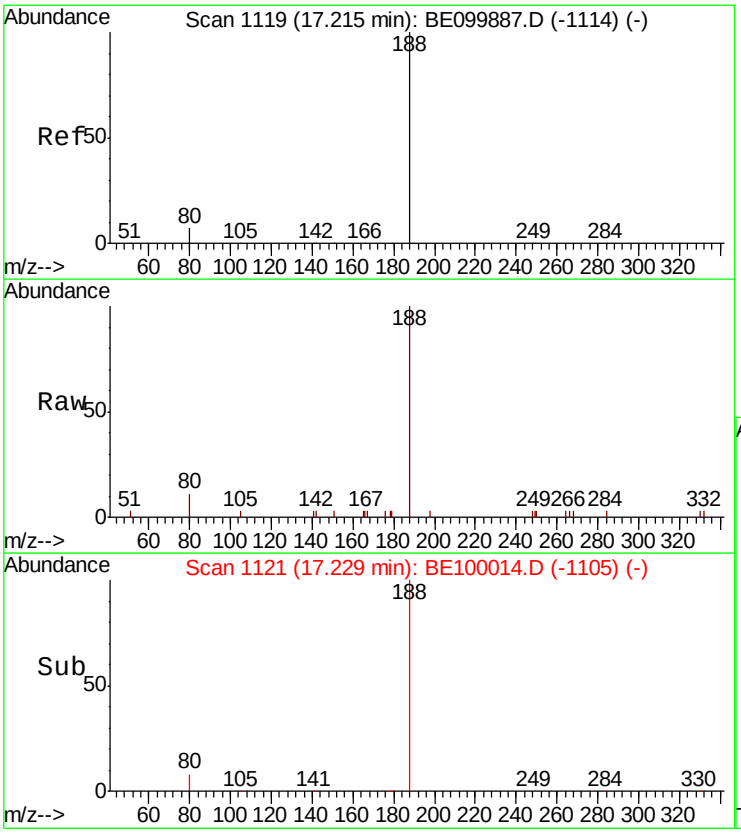
#15
2-Fluorobiphenyl
Concen: 0.364 ng
RT: 13.13 min Scan# 828
Delta R.T. 0.03 min
Lab File: BE100014.D
Acq: 14 Jun 2019 9:15

Instrument :
BNA_E
ClientSampleId :
PB120491BL

Tgt Ion:172 Resp: 3029

Ion	Ratio	Lower	Upper
172	100		
171	41.1	29.2	43.8
170	28.2	21.2	31.8

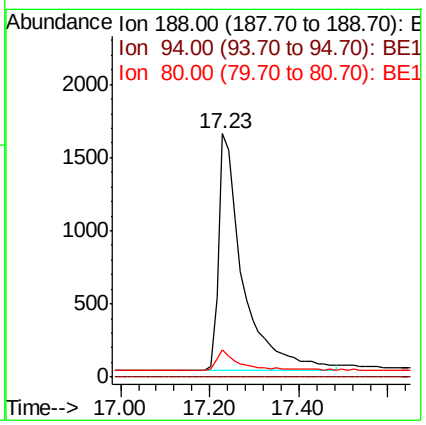


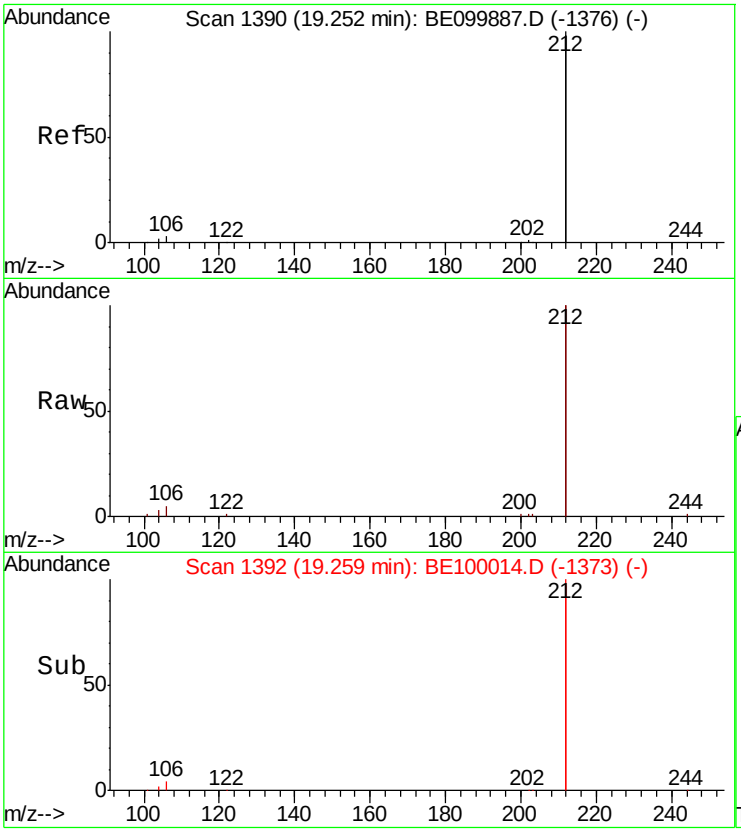


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BE100014.D
Acq: 14 Jun 2019 9:15

Tgt Ion:188 Resp: 6140

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.0	6.4	9.6#



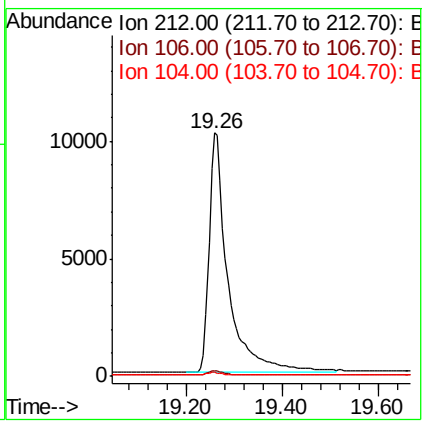


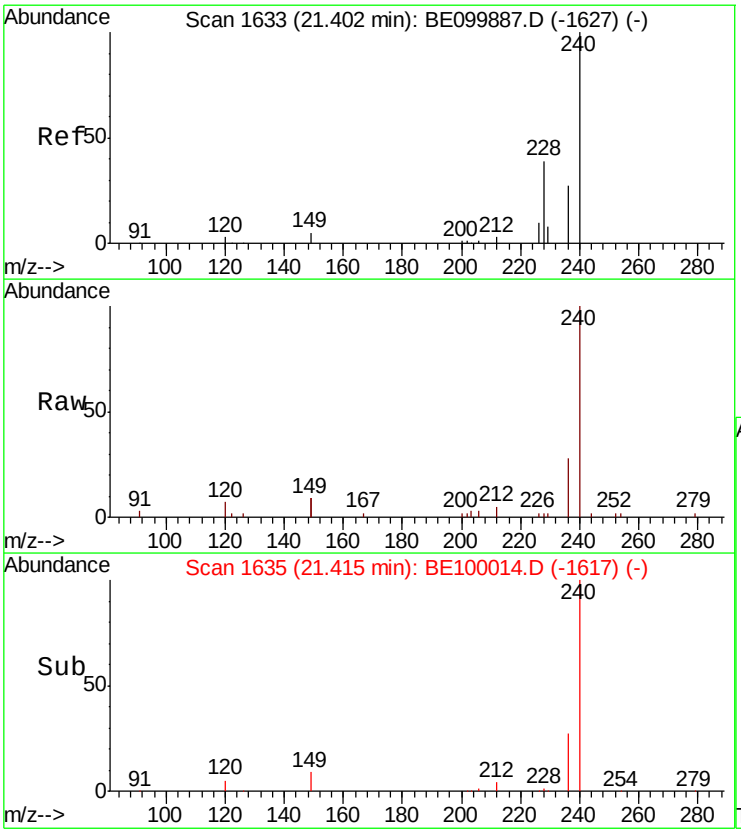
#25
Fluoranthene-d10
Concen: 0.315 ng
RT: 19.26 min Scan# 1392
Delta R.T. 0.01 min
Lab File: BE100014.D
Acq: 14 Jun 2019 9:15

Instrument :
BNA_E
ClientSampleId :
PB120491BL

Tgt Ion:212 Resp: 28199

Ion	Ratio	Lower	Upper
212	100		
106	1.9	1.4	2.2
104	1.1	0.9	1.3

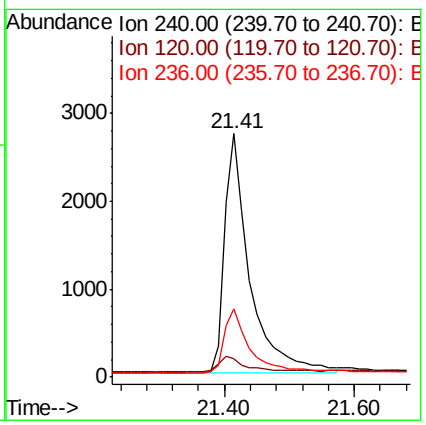


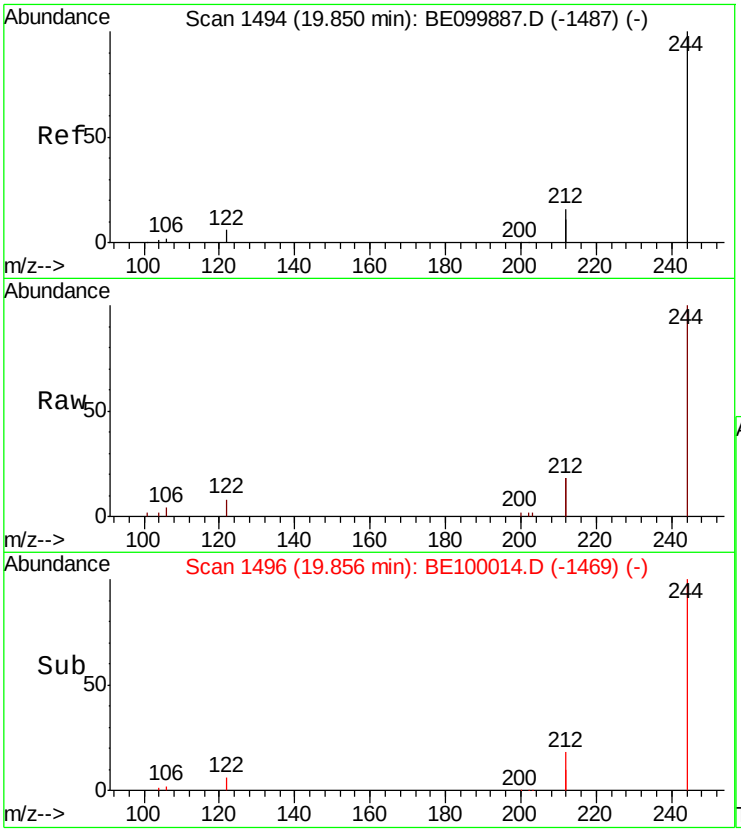


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1635
Delta R.T. 0.01 min
Lab File: BE100014.D
Acq: 14 Jun 2019 9:15

Tgt Ion:240 Resp: 7428

Ion	Ratio	Lower	Upper
240	100		
120	7.3	3.8	5.6#
236	28.3	22.0	33.0



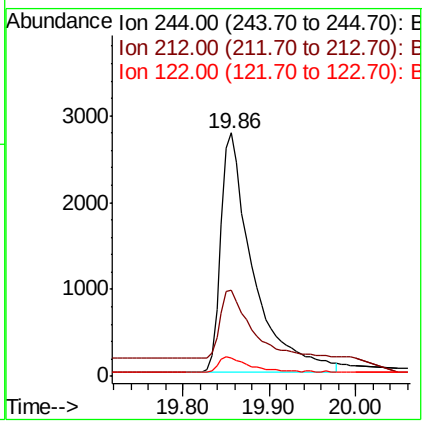


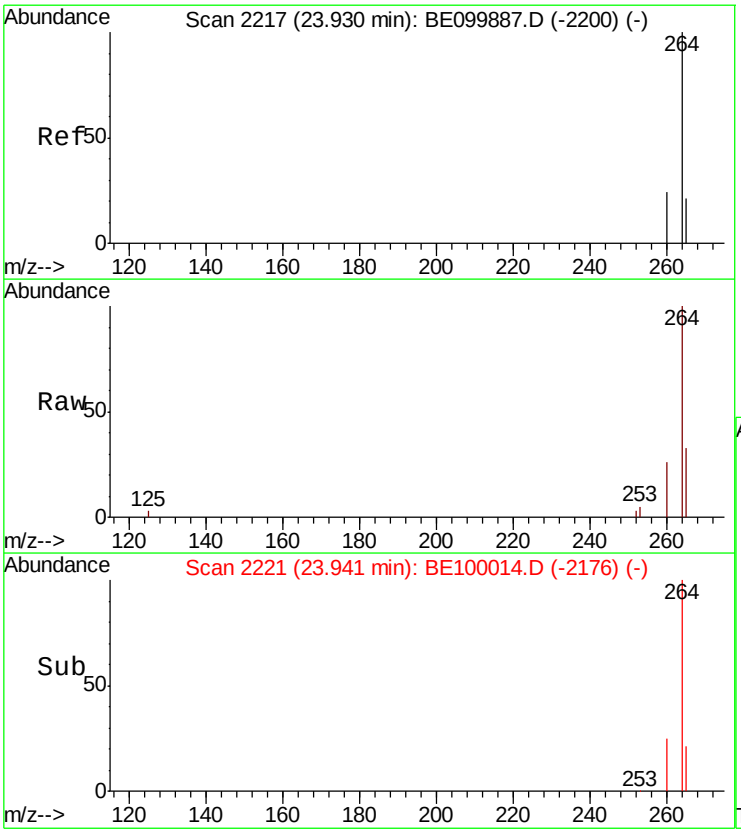
#29
Terphenyl-d14
Concen: 0.533 ng
RT: 19.86 min Scan# 1496
Delta R.T. 0.01 min
Lab File: BE100014.D
Acq: 14 Jun 2019 9:15

Instrument :
BNA_E
ClientSampleId :
PB120491BL

Tgt Ion:244 Resp: 7133

Ion	Ratio	Lower	Upper
244	100		
212	35.3	25.7	38.5
122	7.8	5.5	8.3





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.94 min Scan# 2221
Delta R.T. 0.01 min
Lab File: BE100014.D
Acq: 14 Jun 2019 9:15

Tgt Ion:264 Resp: 8273

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.2	30.2
265	33.3	22.0	33.0#