Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061419\
Data File : BE100016.D
Acq On : 14 Jun 2019 10:27
Operator : JU/SJ
Sample : PB120501BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB120501BL

Quant Time: Jun 15 01:20:56 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	7.80	152	683	0.40	ng	0.00
7) Naphthalene-d8	10.64	136	2256	0.40	ng	0.04
13) Acenaphthene-d10	14.49	164	1925	0.40	ng	0.01
19) Phenanthrene-d10	17.24	188	5485	0.40	ng	0.03
27) Chrysene-d12	21.41	240	6941	0.40	ng	0.01
34) Perylene-d12	23.94	264	7752	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	585	0.32	ng	0.01
5) Phenol-d6	7.02	99	559	0.24	ng	0.06
8) Nitrobenzene-d5	9.03	82	500	0.23	ng	0.07
11) 2-Methylnaphthalene-d10	12.25	152	1349	0.34	ng	0.04
14) 2,4,6-Tribromophenol	16.02	330	136	0.10	ng	0.05
15) 2-Fluorobiphenyl	13.13	172	2516	0.34	ng	0.03
25) Fluoranthene-d10	19.26	212	23209	0.29	ng	0.01
29) Terphenyl-d14	19.86	244	5605	0.45	ng	0.01
Target Compounds						Qvalue

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

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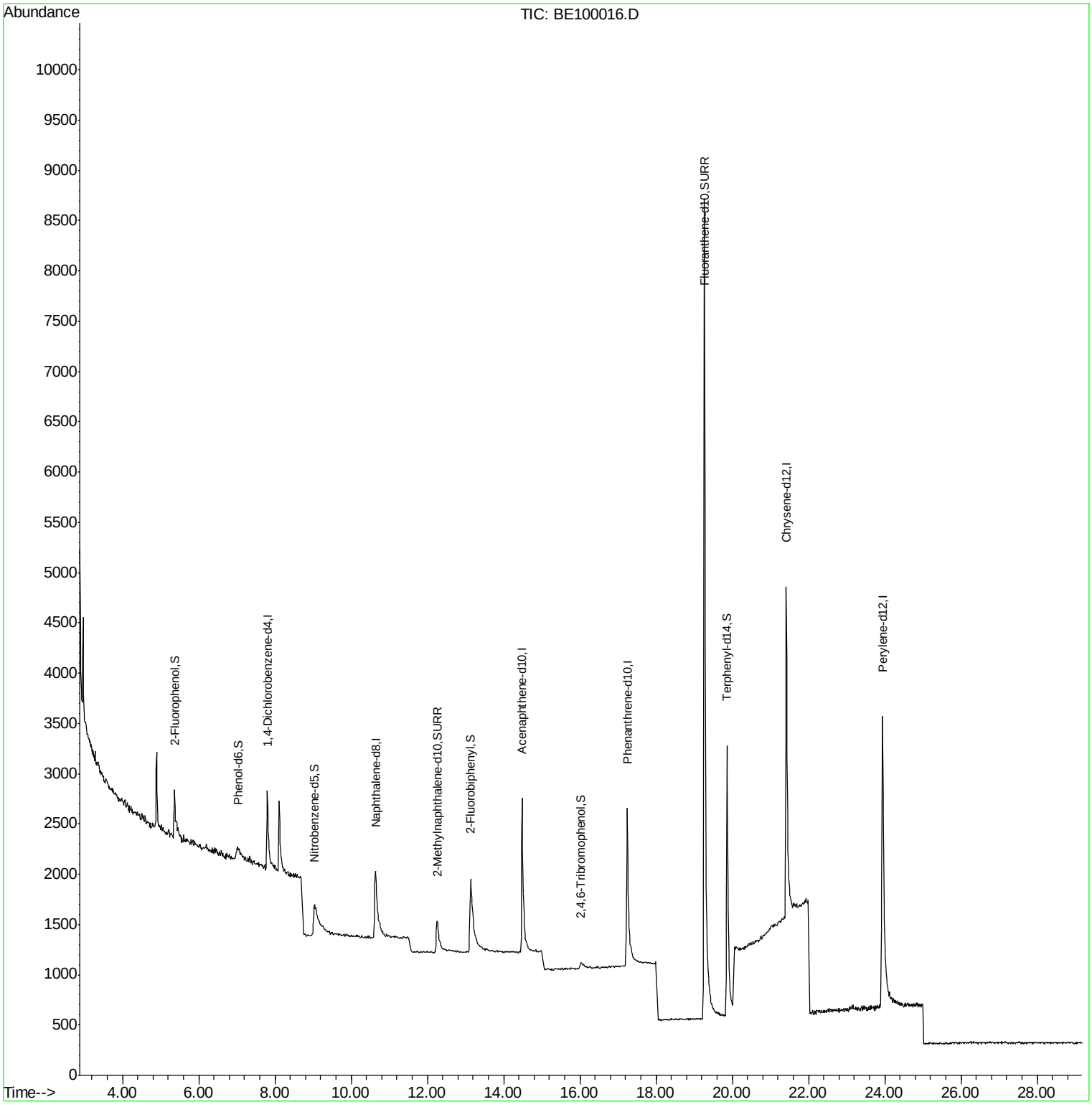
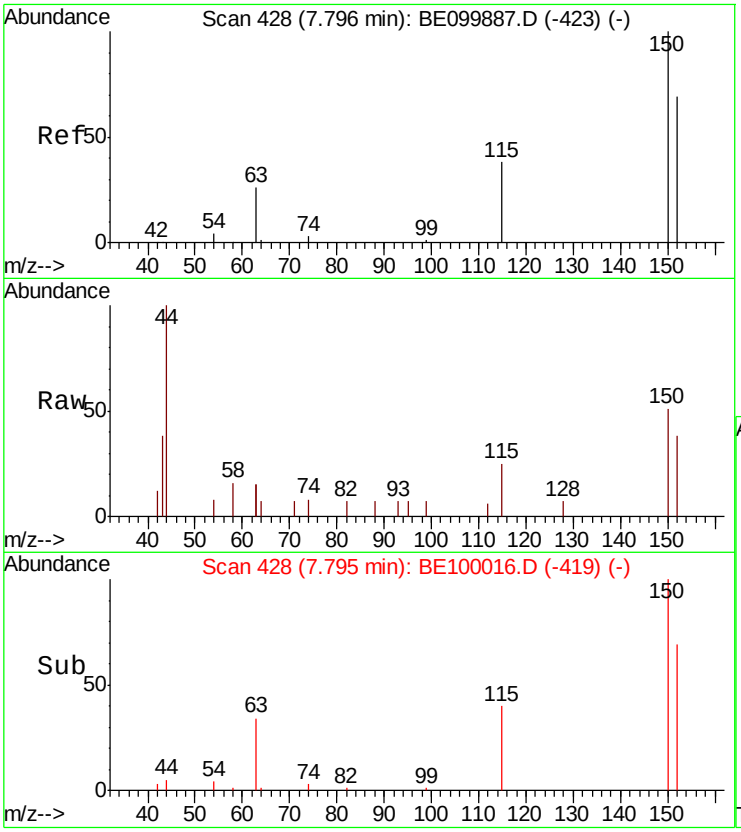


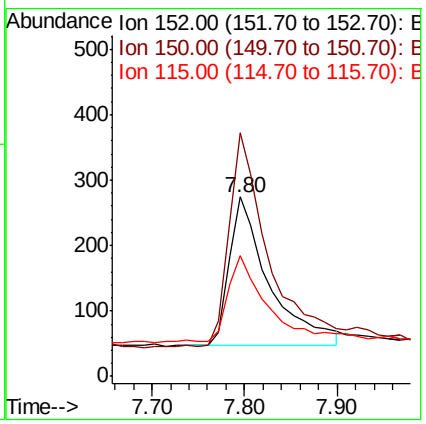


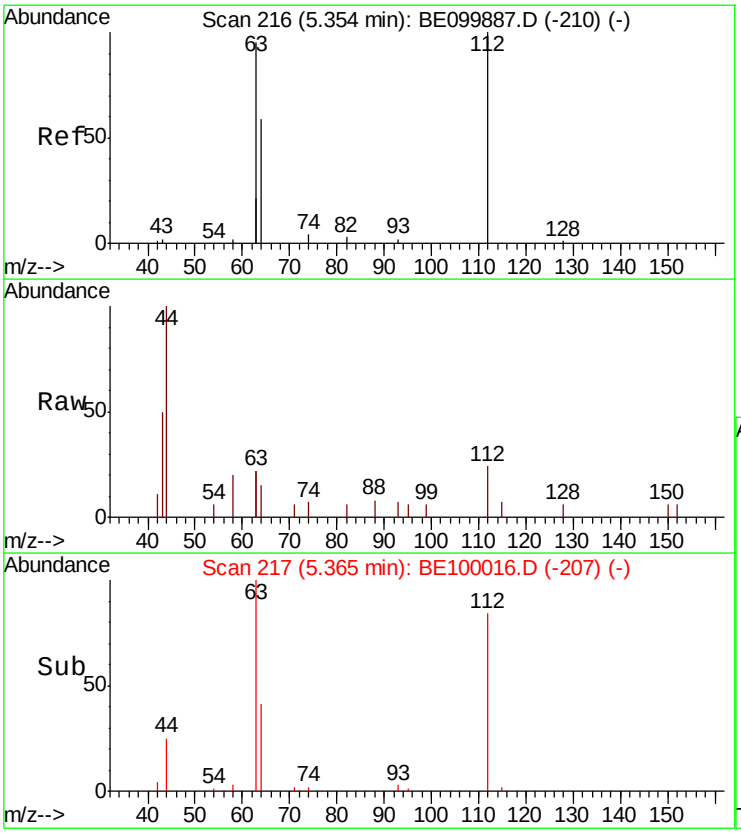
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE100016.D
Acq: 14 Jun 2019 10:27

Instrument :
BNA_E
ClientSampleId :
PB120501BL

Tgt Ion:152 Resp: 683

Ion	Ratio	Lower	Upper
152	100		
150	135.8	111.0	166.6
115	67.5	50.7	76.1

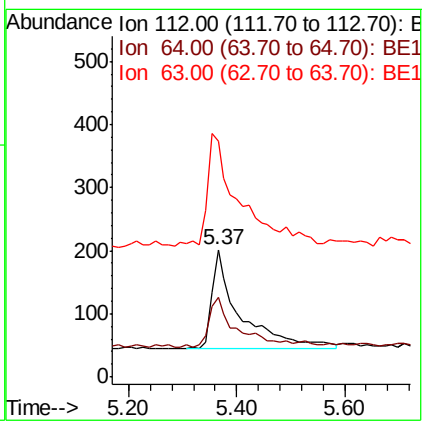


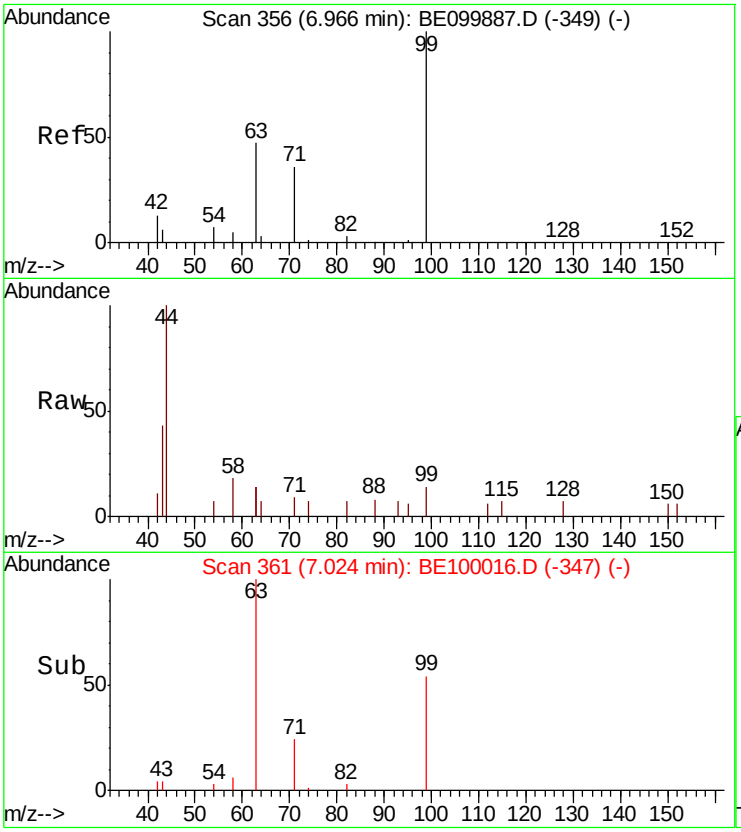


#4
2-Fluorophenol
Concen: 0.317 ng
RT: 5.37 min Scan# 217
Delta R.T. 0.01 min
Lab File: BE100016.D
Acq: 14 Jun 2019 10:27

Tgt Ion:112 Resp: 585

Ion	Ratio	Lower	Upper
112	100		
64	48.7	44.1	66.1
63	126.8	87.8	131.6



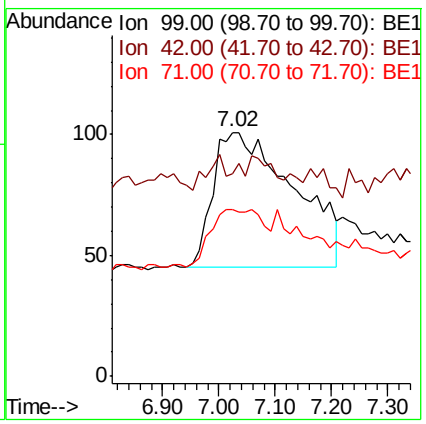


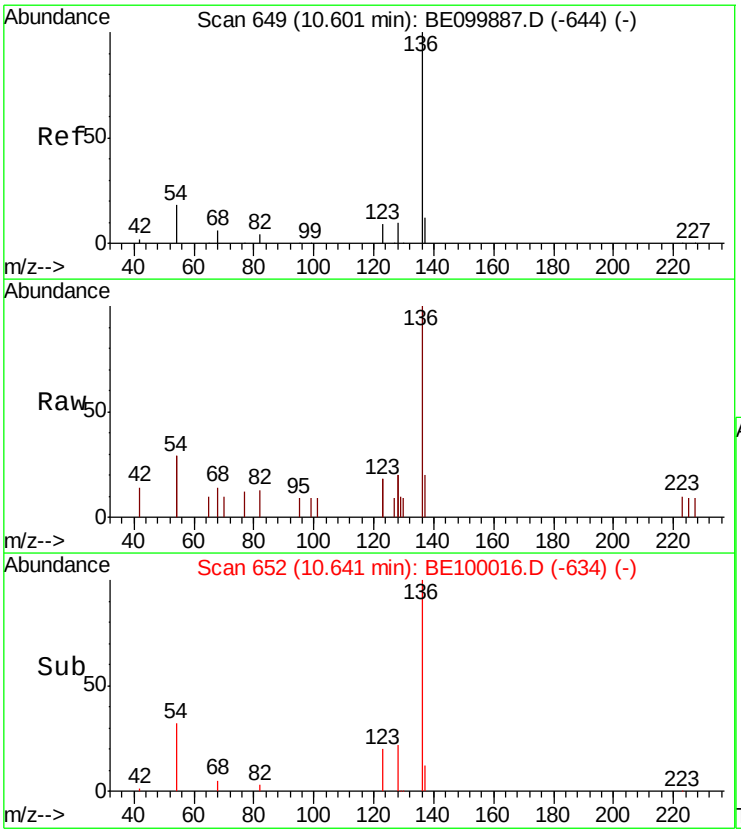
#5
Phenol-d6
Concen: 0.235 ng
RT: 7.02 min Scan# 361
Delta R.T. 0.06 min
Lab File: BE100016.D
Acq: 14 Jun 2019 10:27

Instrument :
BNA_E
ClientSampleId :
PB120501BL

Tgt Ion: 99 Resp: 559

Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.9	23.9#
71	28.6	34.6	52.0#

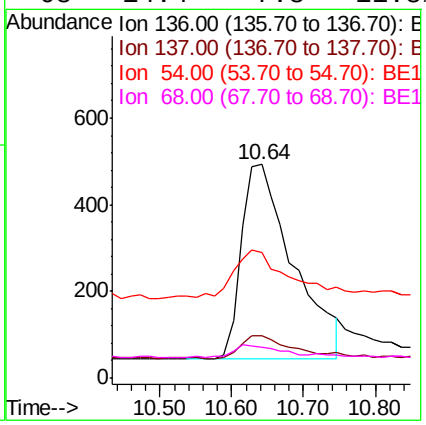


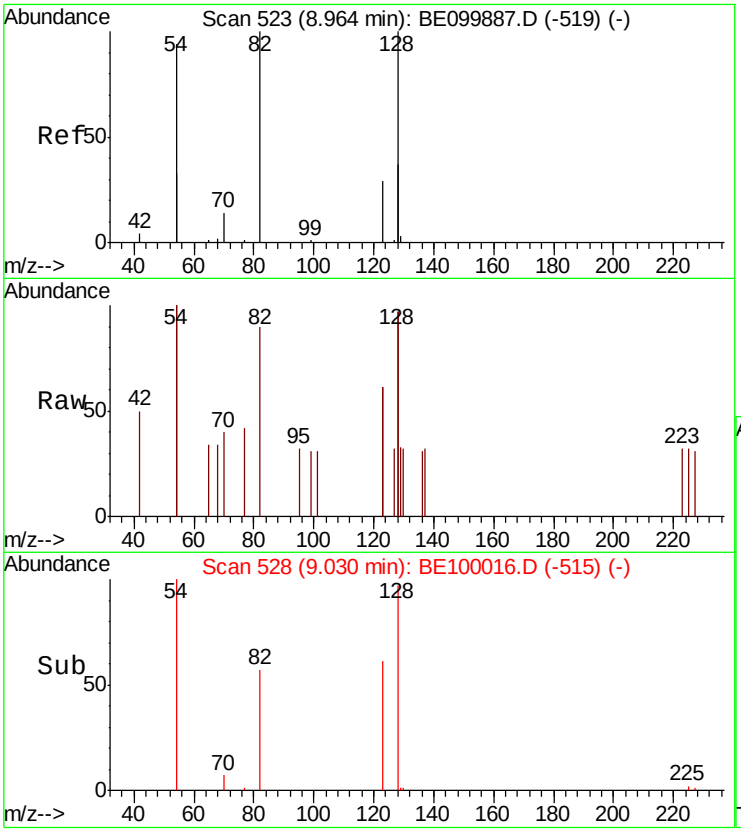


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.64 min Scan# 652
Delta R.T. 0.04 min
Lab File: BE100016.D
Acq: 14 Jun 2019 10:27

Tgt Ion:136 Resp: 2256

Ion	Ratio	Lower	Upper
136	100		
137	19.9	12.3	18.5#
54	58.8	28.2	42.4#
68	14.4	7.8	11.8#



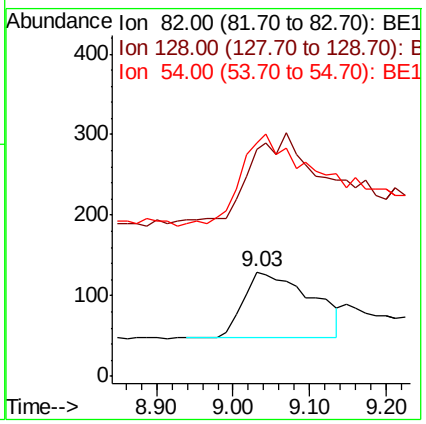


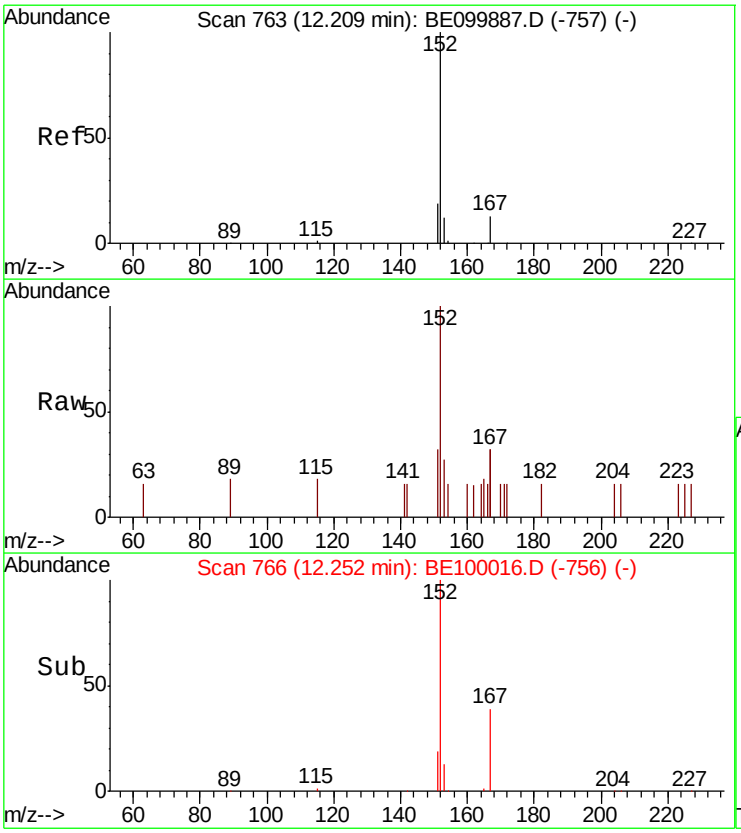
#8
Nitrobenzene-d5
Concen: 0.234 ng
RT: 9.03 min Scan# 528
Delta R.T. 0.07 min
Lab File: BE100016.D
Acq: 14 Jun 2019 10:27

Instrument :
BNA_E
ClientSampleId :
PB120501BL

Tgt Ion: 82 Resp: 500

Ion	Ratio	Lower	Upper
82	100		
128	216.9	137.3	205.9#
54	223.1	129.7	194.5#

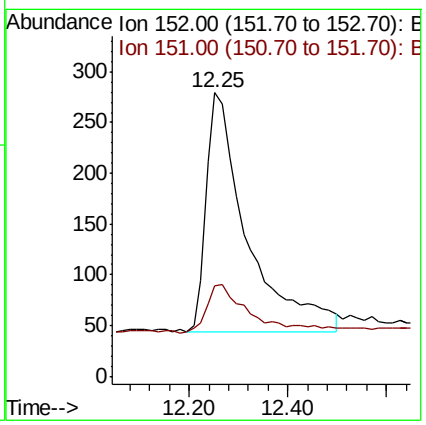


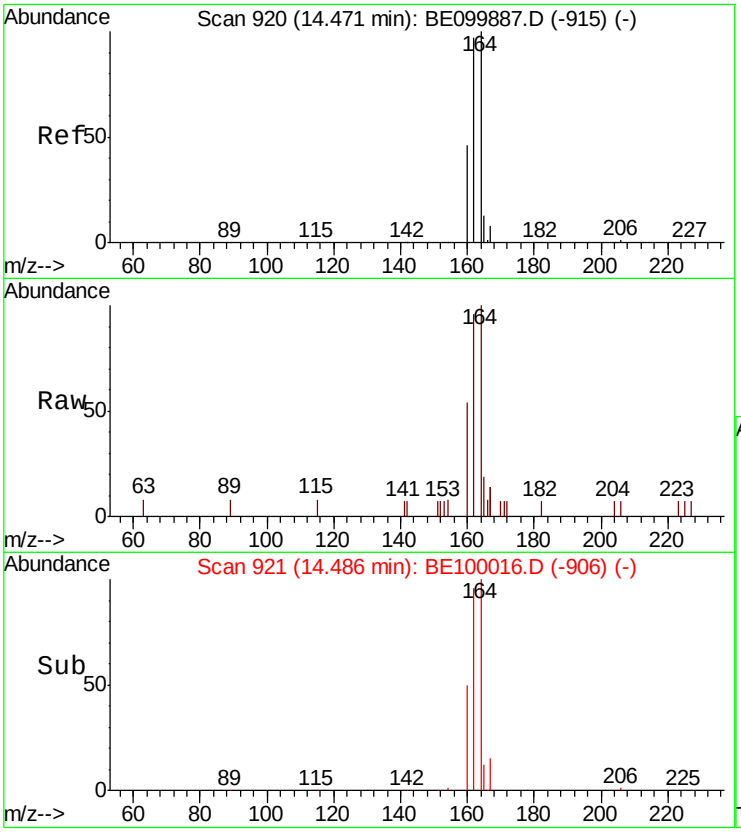


#11
2-Methylnaphthalene-d10
Concen: 0.343 ng
RT: 12.25 min Scan# 766
Delta R.T. 0.04 min
Lab File: BE100016.D
Acq: 14 Jun 2019 10:27

Tgt Ion:152 Resp: 1349

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.2	22.8



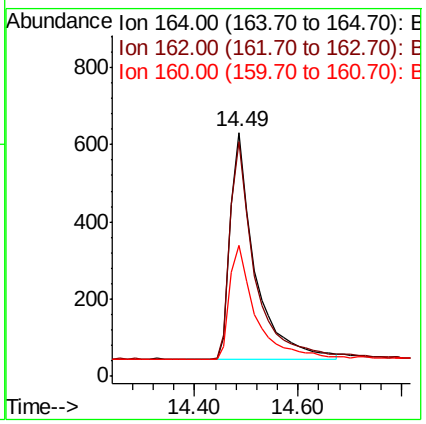


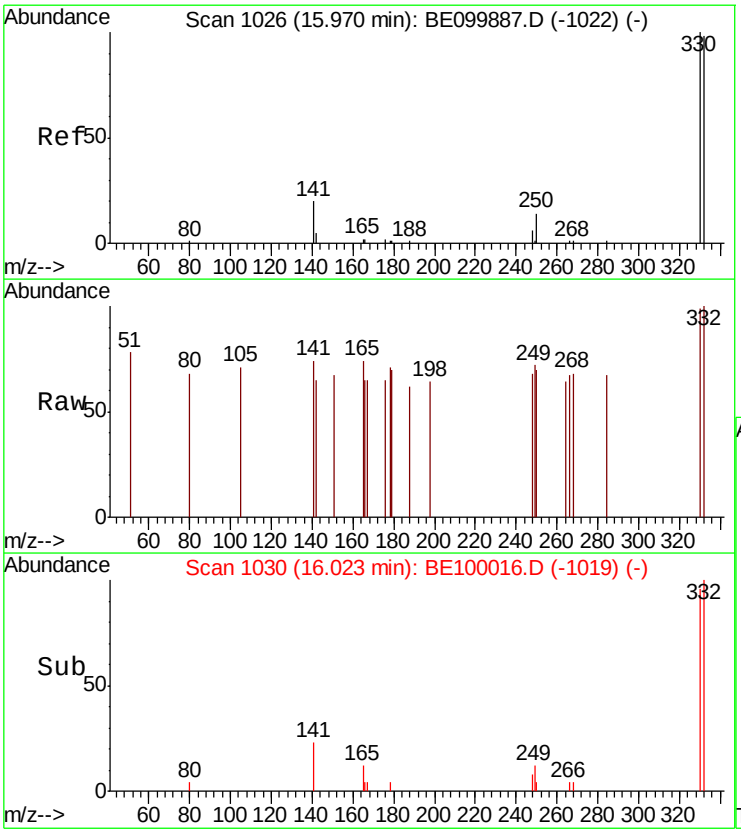
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.01 min
Lab File: BE100016.D
Acq: 14 Jun 2019 10:27

Instrument :
BNA_E
ClientSampleId :
PB120501BL

Tgt Ion:164 Resp: 1925

Ion	Ratio	Lower	Upper
164	100		
162	96.4	77.8	116.8
160	53.9	38.2	57.4

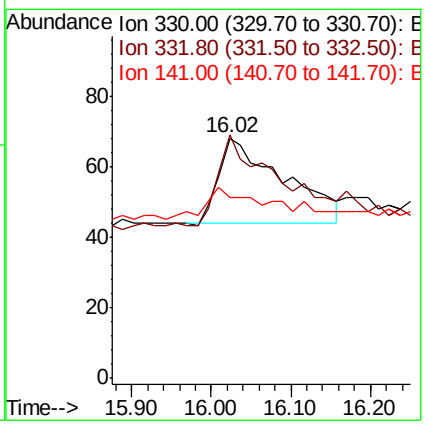


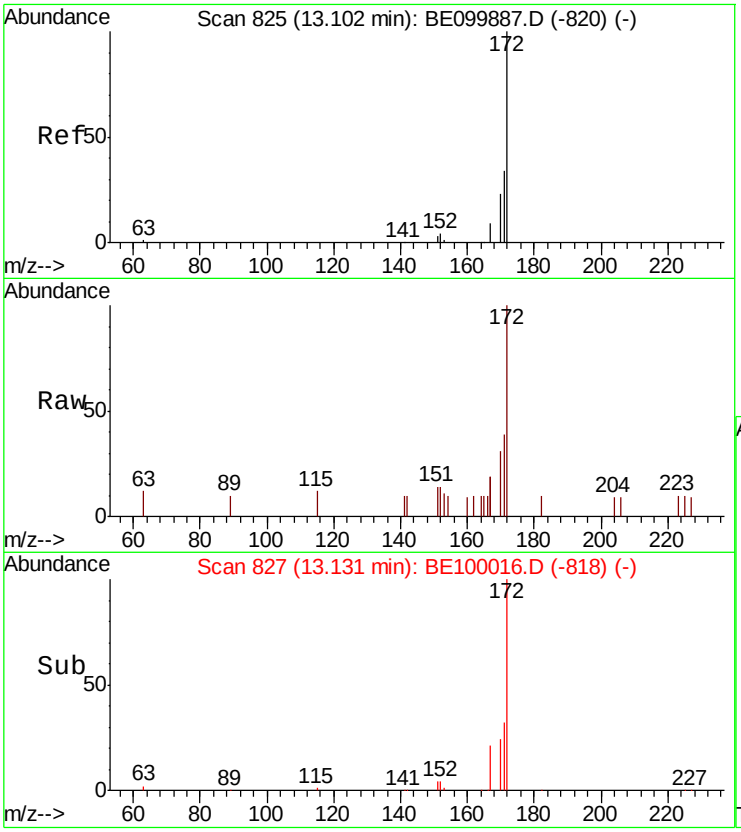


#14
2,4,6-Tribromophenol
Concen: 0.096 ng
RT: 16.02 min Scan# 1030
Delta R.T. 0.05 min
Lab File: BE100016.D
Acq: 14 Jun 2019 10:27

Tgt Ion:330 Resp: 136

Ion	Ratio	Lower	Upper
330	100		
332	102.9	76.7	115.1
141	36.0	21.0	31.6#



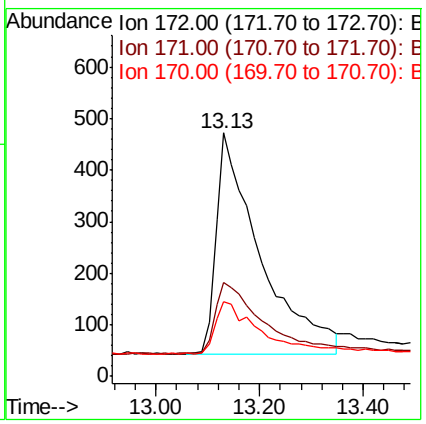


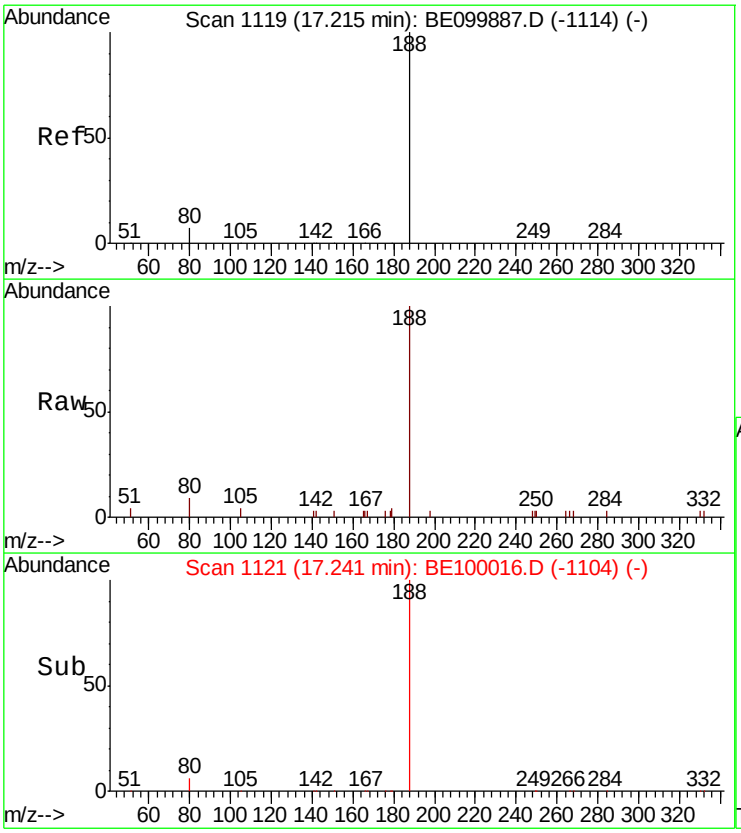
#15
2-Fluorobiphenyl
Concen: 0.345 ng
RT: 13.13 min Scan# 827
Delta R.T. 0.03 min
Lab File: BE100016.D
Acq: 14 Jun 2019 10:27

Instrument :
BNA_E
ClientSampleId :
PB120501BL

Tgt Ion:172 Resp: 2516

Ion	Ratio	Lower	Upper
172	100		
171	38.6	29.2	43.8
170	30.7	21.2	31.8

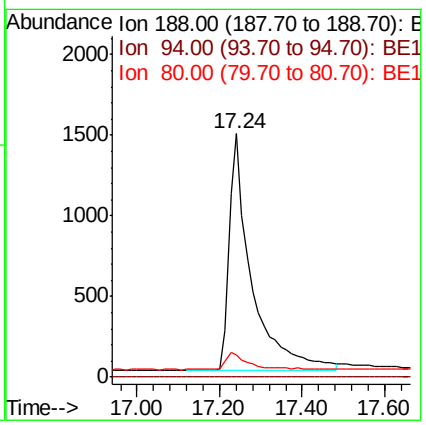


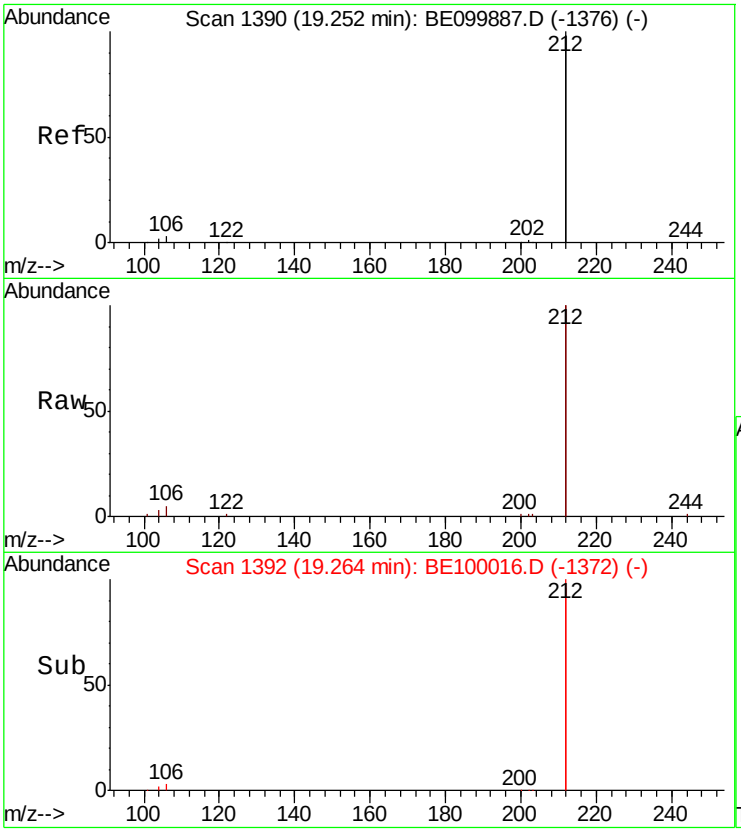


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.03 min
Lab File: BE100016.D
Acq: 14 Jun 2019 10:27

Tgt Ion:188 Resp: 5485

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	6.4	9.6



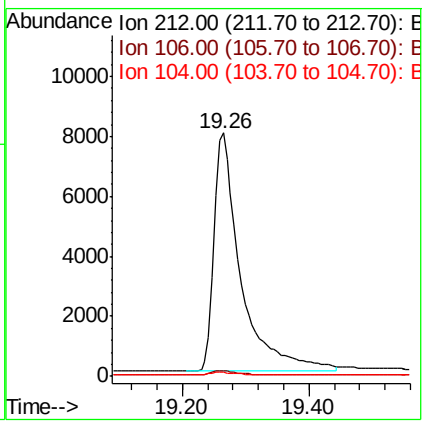


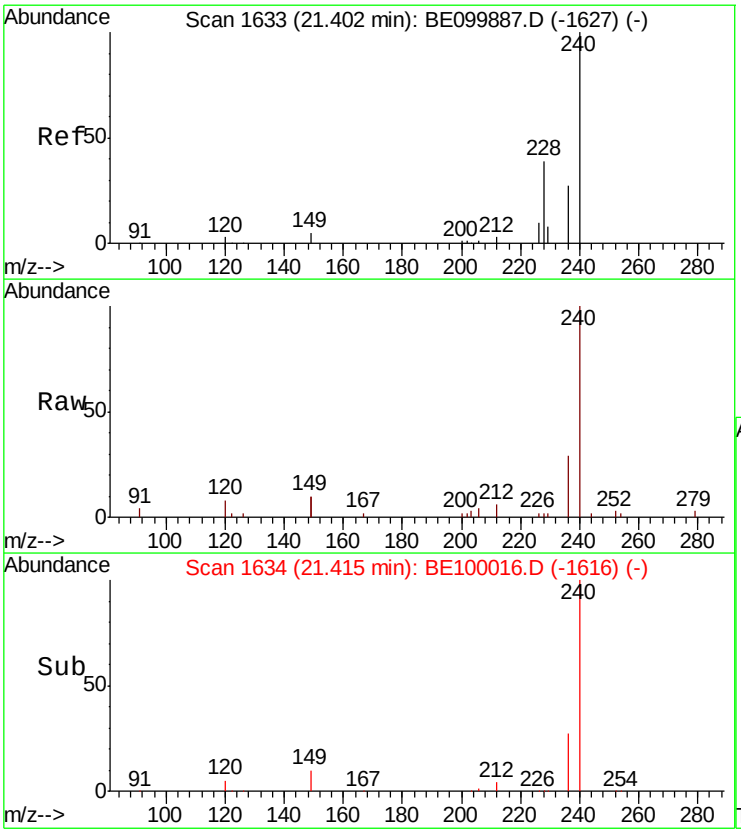
#25
Fluoranthene-d10
Concen: 0.290 ng
RT: 19.26 min Scan# 1392
Delta R.T. 0.01 min
Lab File: BE100016.D
Acq: 14 Jun 2019 10:27

Instrument :
BNA_E
ClientSampleId :
PB120501BL

Tgt Ion:212 Resp: 23209

Ion	Ratio	Lower	Upper
212	100		
106	1.7	1.4	2.2
104	1.1	0.9	1.3

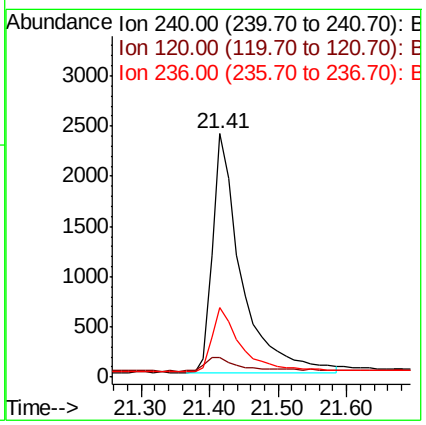


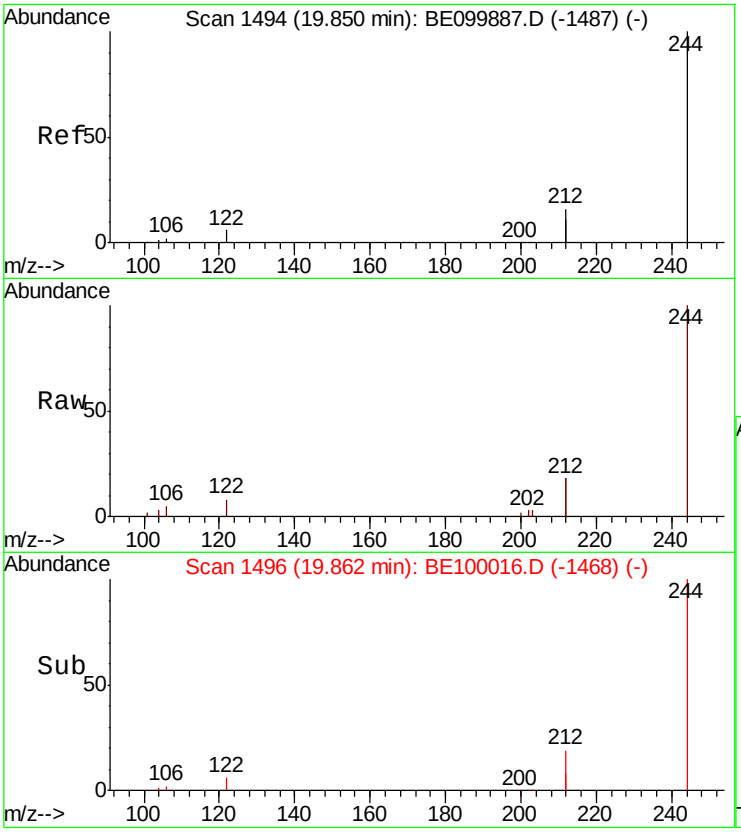


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1634
Delta R.T. 0.01 min
Lab File: BE100016.D
Acq: 14 Jun 2019 10:27

Tgt Ion:240 Resp: 6941

Ion	Ratio	Lower	Upper
240	100		
120	7.9	3.8	5.6#
236	28.7	22.0	33.0



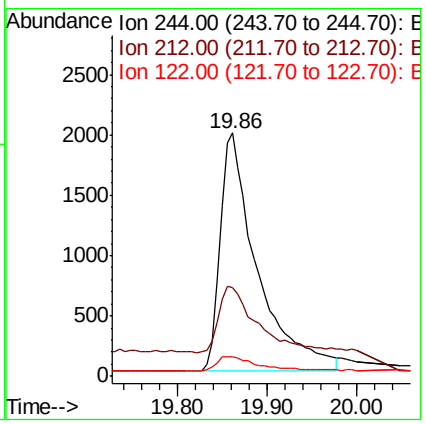


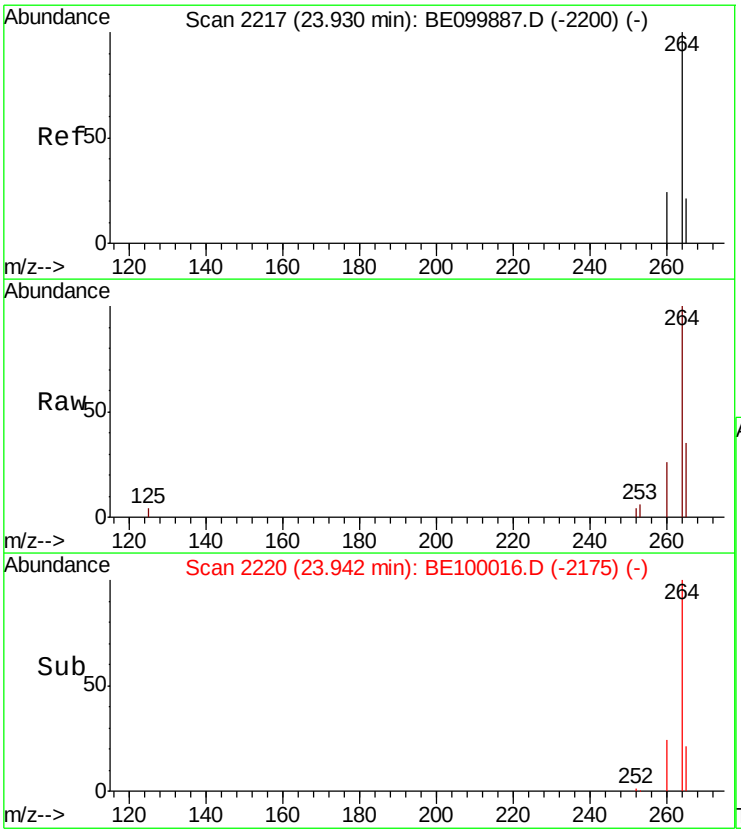
#29
Terphenyl-d14
Concen: 0.449 ng
RT: 19.86 min Scan# 1496
Delta R.T. 0.01 min
Lab File: BE100016.D
Acq: 14 Jun 2019 10:27

Instrument :
BNA_E
ClientSampleId :
PB120501BL

Tgt Ion:244 Resp: 5605

Ion	Ratio	Lower	Upper
244	100		
212	36.5	25.7	38.5
122	8.0	5.5	8.3





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.94 min Scan# 2220
Delta R.T. 0.01 min
Lab File: BE100016.D
Acq: 14 Jun 2019 10:27

Tgt Ion:264 Resp: 7752

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.2	30.2
265	35.2	22.0	33.0#