Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092319\
Data File : BE100537.D
Acq On : 23 Sep 2019 13:09
Operator : HP/JU
Sample : PB123105BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB123105BL

Quant Time: Sep 23 15:55:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 18:26:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	8938	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	37930	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	18310	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	37433	0.40	ng	0.00
27) Chrysene-d12	21.37	240	32285	0.40	ng	0.00
34) Perylene-d12	23.84	264	17327	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.44	112	6786	0.32	ng	0.00
5) Phenol-d6	7.02	99	7903	0.28	ng	0.00
8) Nitrobenzene-d5	9.00	82	6338	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	16190	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	610	0.21	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	20440	0.31	ng	0.00
25) Fluoranthene-d10	19.23	212	108349	0.24	ng	0.00
29) Terphenyl-d14	19.82	244	23521	0.31	ng	0.00
Target Compounds						Qvalue

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

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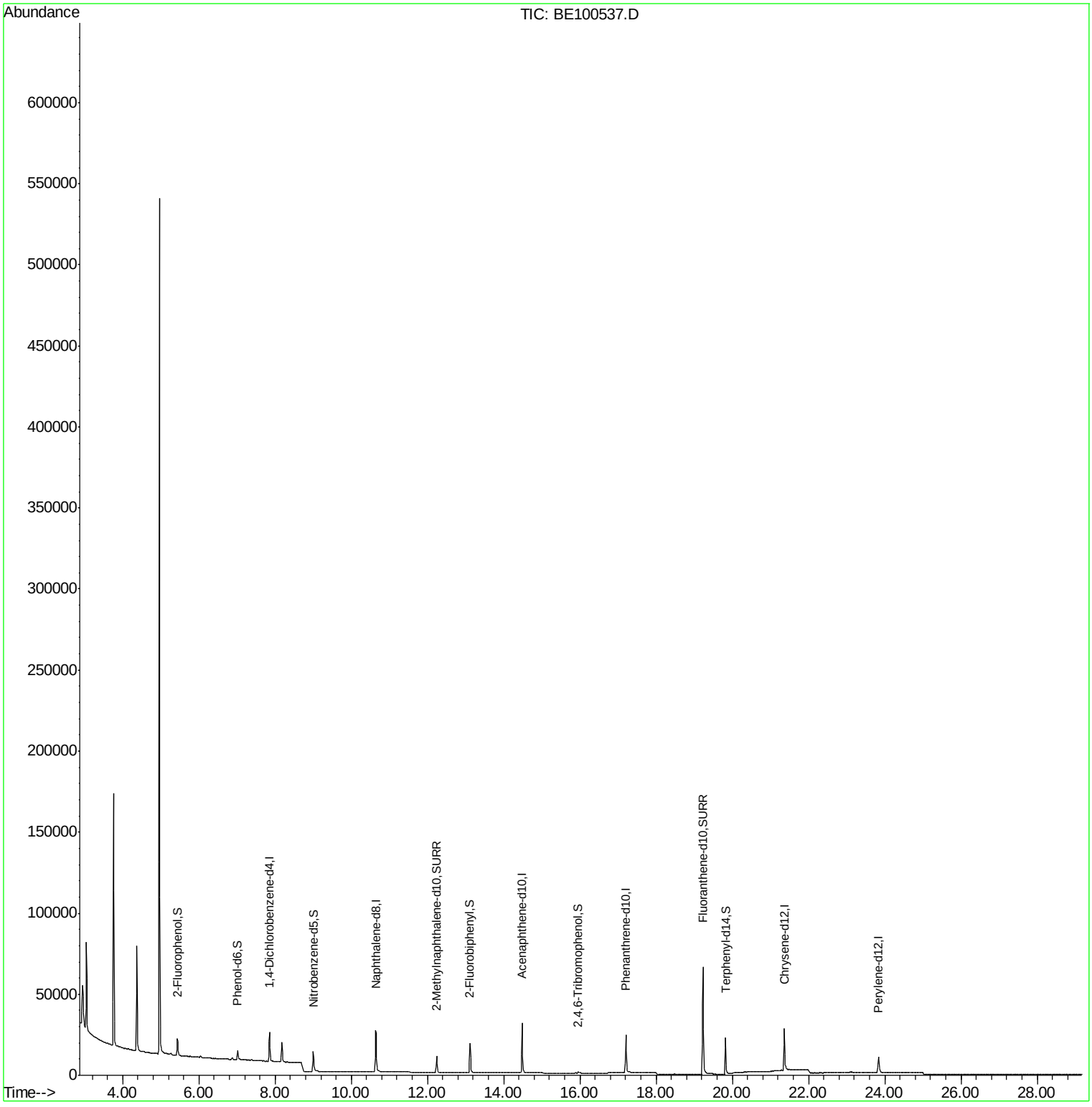
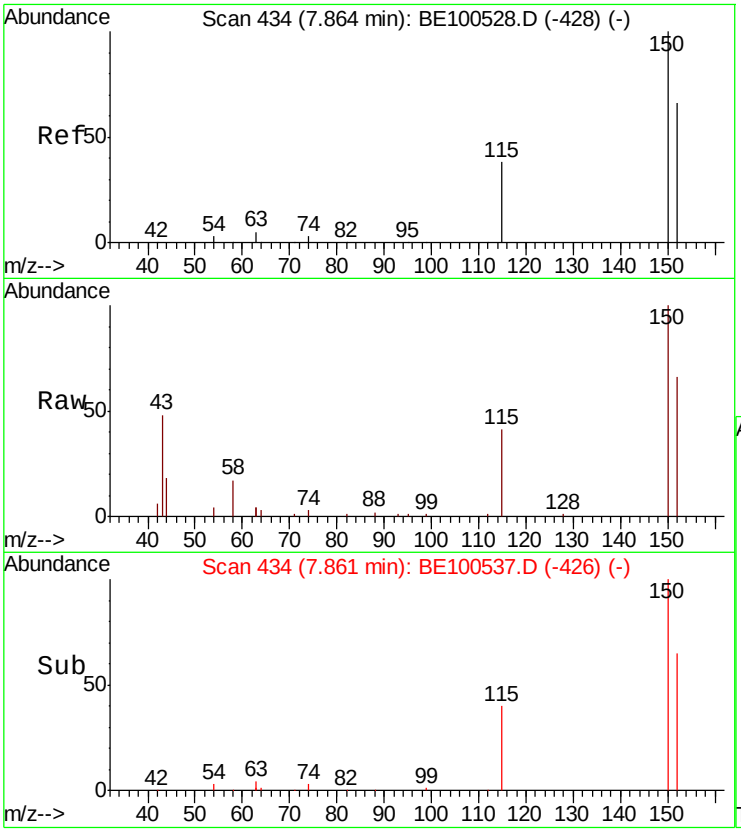
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 18:26:17 2019
Response via : Initial Calibration



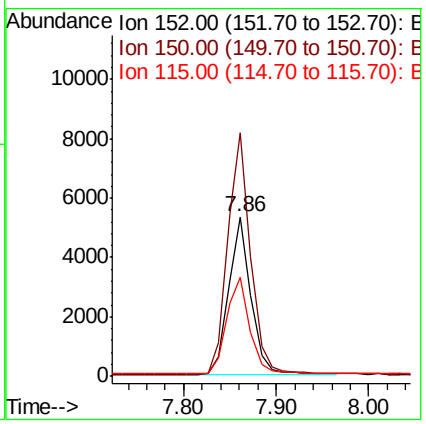


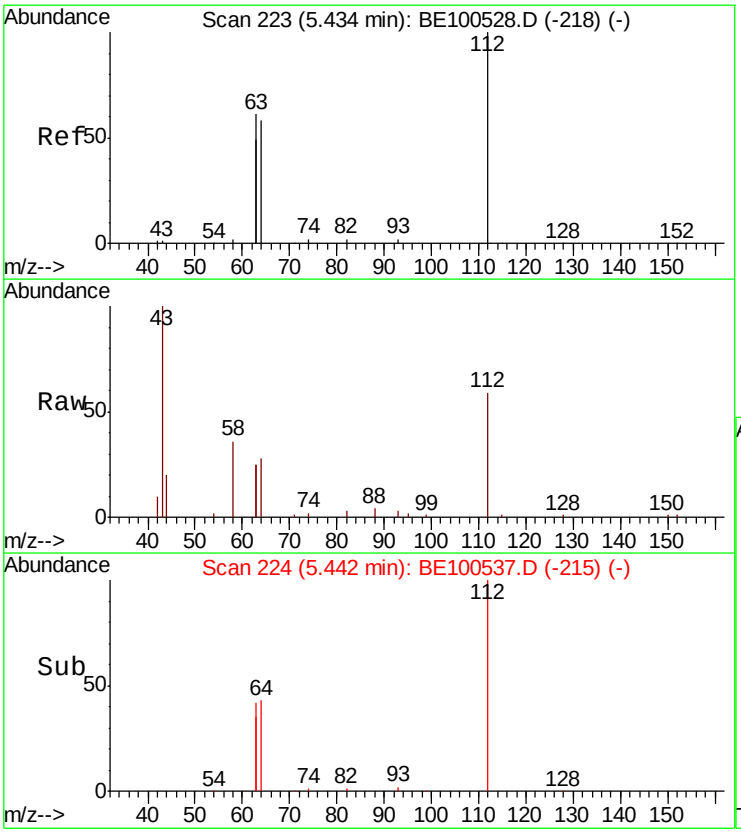
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE100537.D
Acq: 23 Sep 2019 13:09

Instrument :
BNA_E
ClientSampleId :
PB123105BL

Tgt Ion:152 Resp: 8938

Ion	Ratio	Lower	Upper
152	100		
150	152.5	121.6	182.4
115	62.3	48.2	72.4

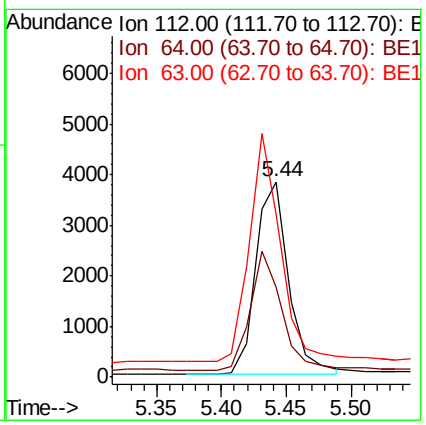


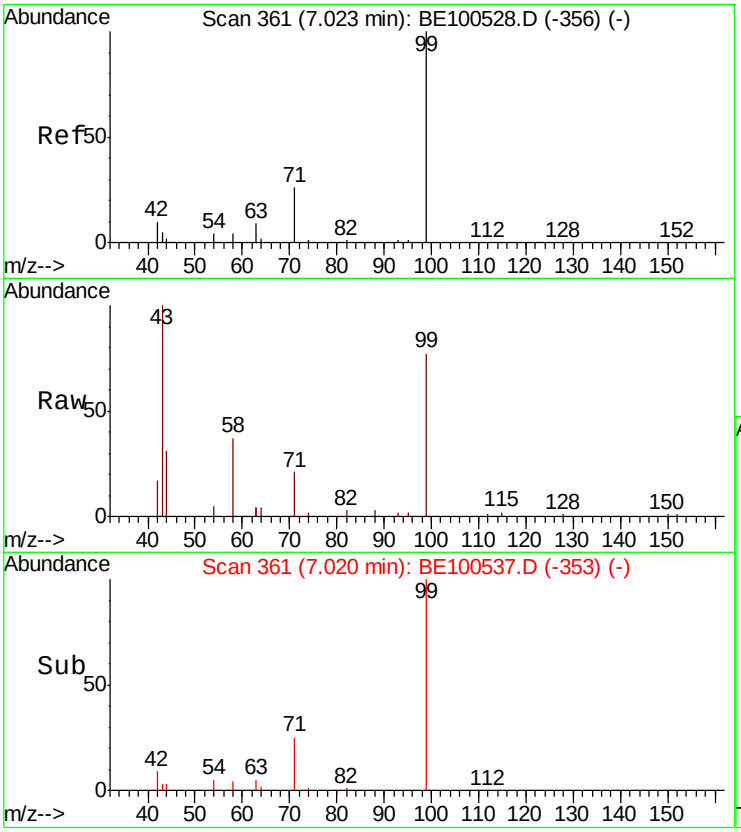


#4
2-Fluorophenol
Concen: 0.324 ng
RT: 5.44 min Scan# 224
Delta R.T. 0.01 min
Lab File: BE100537.D
Acq: 23 Sep 2019 13:09

Tgt Ion:112 Resp: 6786

Ion	Ratio	Lower	Upper
112	100		
64	57.7	44.1	66.1
63	111.0	86.5	129.7



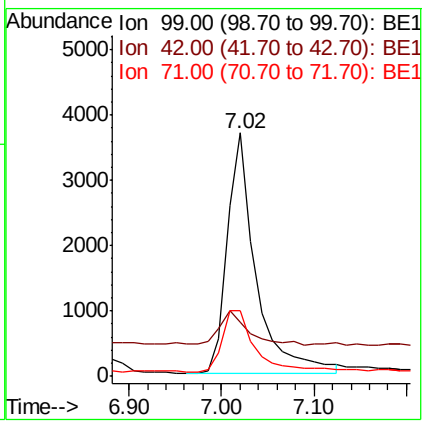


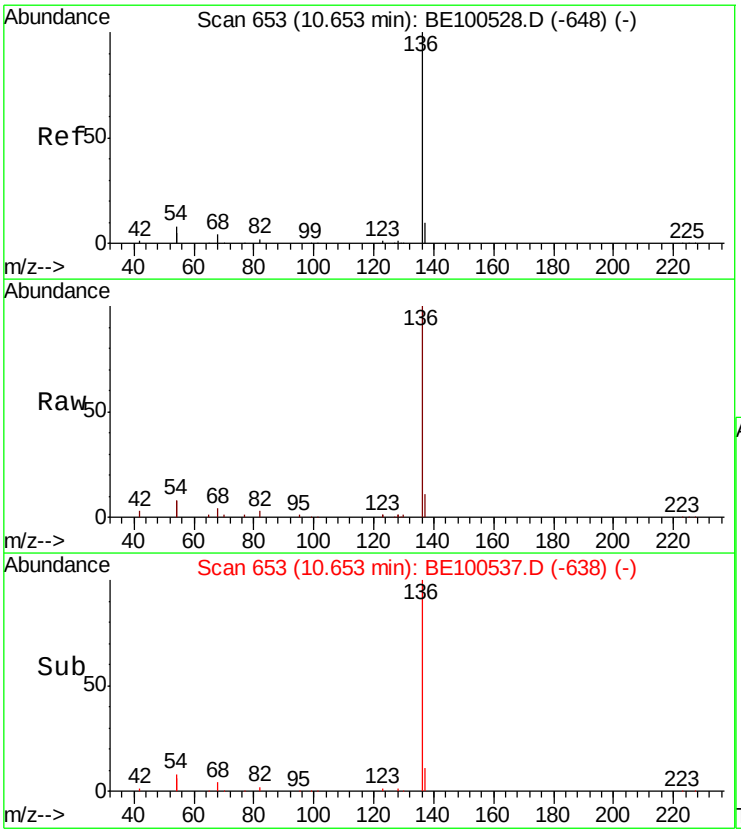
#5
Phenol-d6
Concen: 0.276 ng
RT: 7.02 min Scan# 361
Delta R.T. -0.00 min
Lab File: BE100537.D
Acq: 23 Sep 2019 13:09

Instrument :
BNA_E
ClientSampleId :
PB123105BL

Tgt Ion: 99 Resp: 7903

Ion	Ratio	Lower	Upper
99	100		
42	13.3	13.0	19.6
71	29.2	23.4	35.0

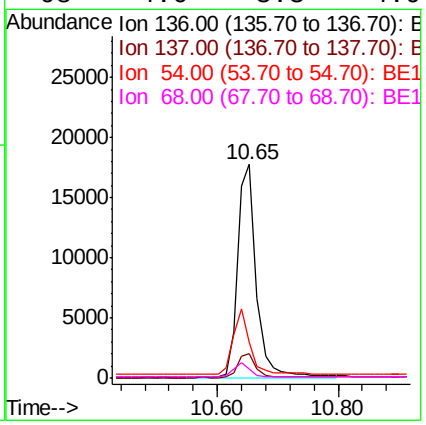


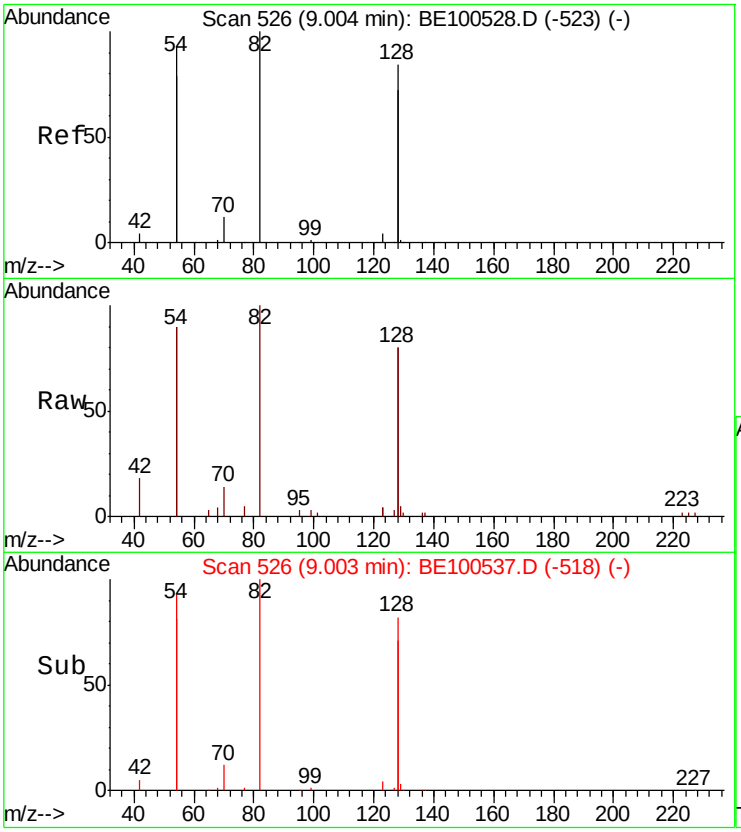


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE100537.D
Acq: 23 Sep 2019 13:09

Tgt Ion:136 Resp: 37930

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	16.6	12.4	18.6
68	4.0	3.3	4.9



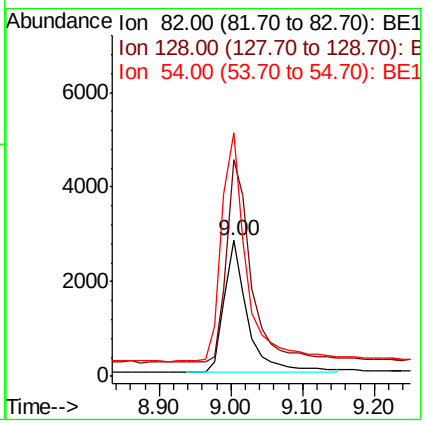


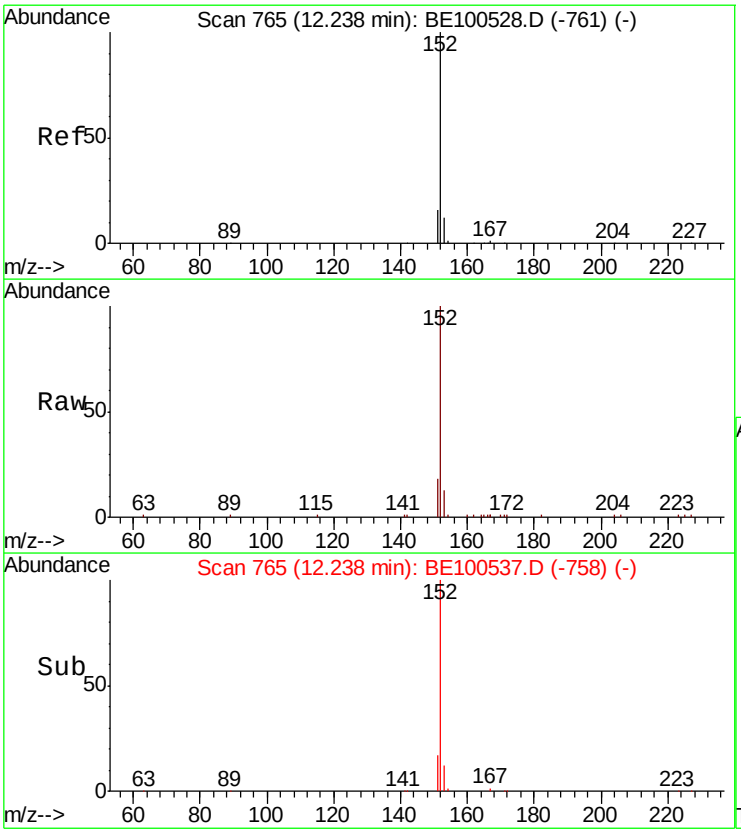
#8
Nitrobenzene-d5
Concen: 0.290 ng
RT: 9.00 min Scan# 526
Delta R.T. -0.00 min
Lab File: BE100537.D
Acq: 23 Sep 2019 13:09

Instrument :
BNA_E
ClientSampleId :
PB123105BL

Tgt Ion: 82 Resp: 6338

Ion	Ratio	Lower	Upper
82	100		
128	159.7	129.4	194.2
54	179.5	143.3	214.9

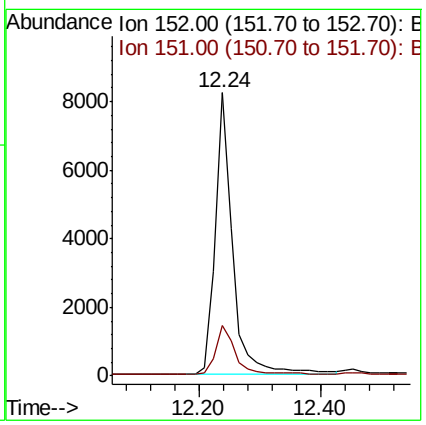


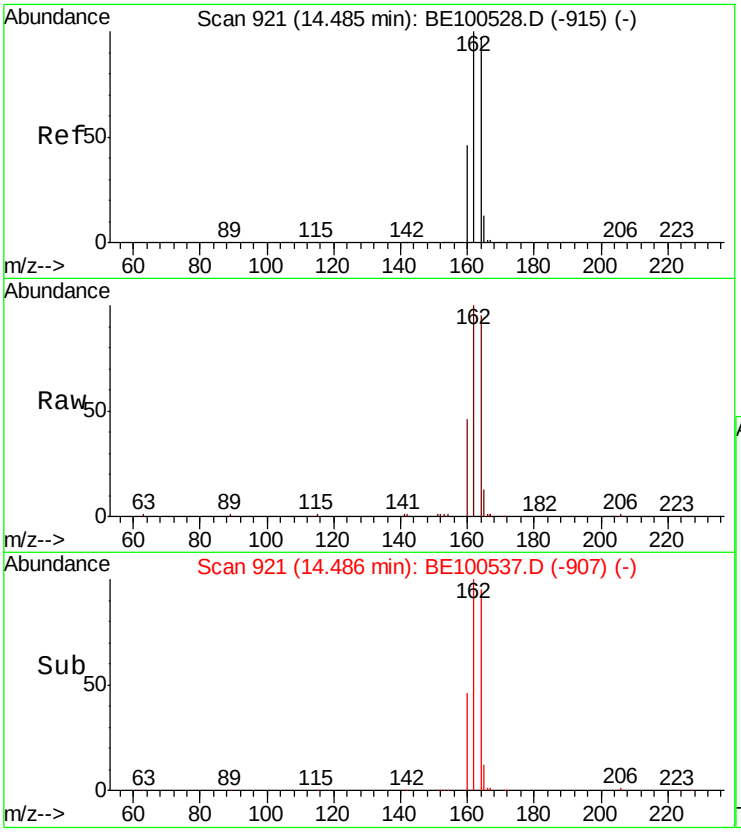


#11
2-Methylnaphthalene-d10
Concen: 0.285 ng
RT: 12.24 min Scan# 765
Delta R.T. 0.00 min
Lab File: BE100537.D
Acq: 23 Sep 2019 13:09

Tgt Ion:152 Resp: 16190

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.3	22.9



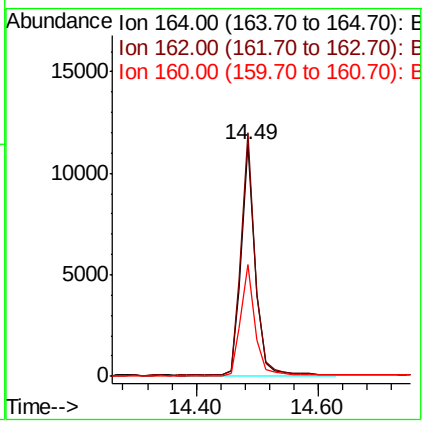


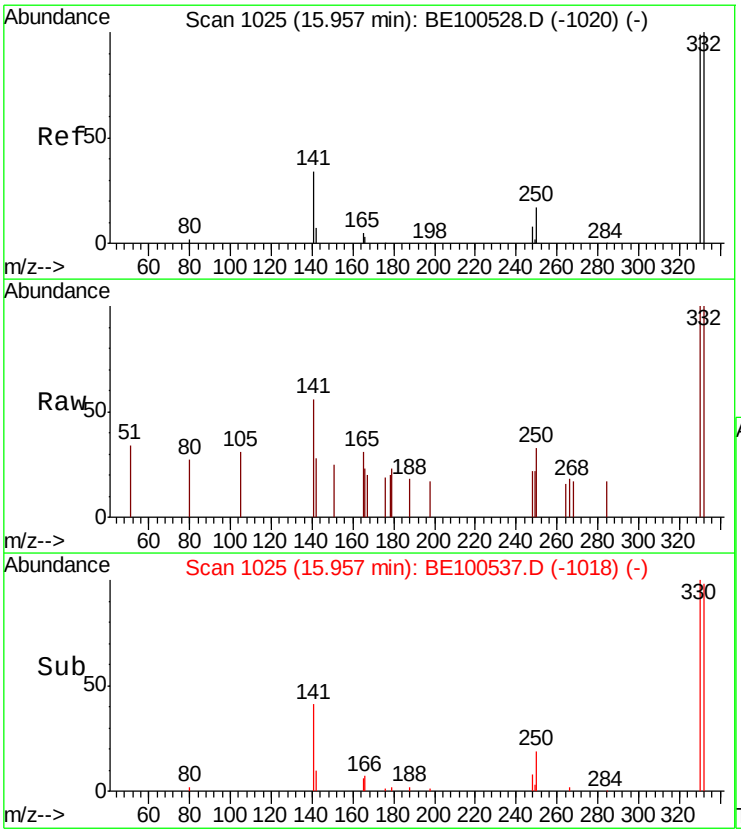
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE100537.D
Acq: 23 Sep 2019 13:09

Instrument :
BNA_E
ClientSampleId :
PB123105BL

Tgt Ion:164 Resp: 18310

Ion	Ratio	Lower	Upper
164	100		
162	105.0	82.1	123.1
160	48.0	37.6	56.4

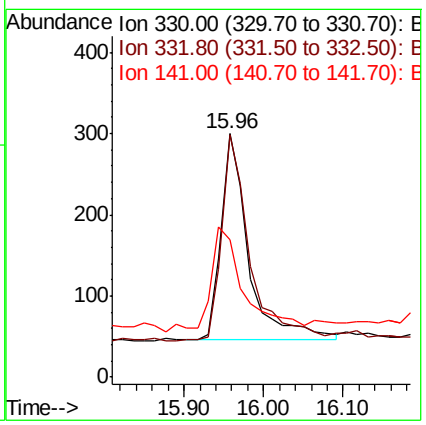


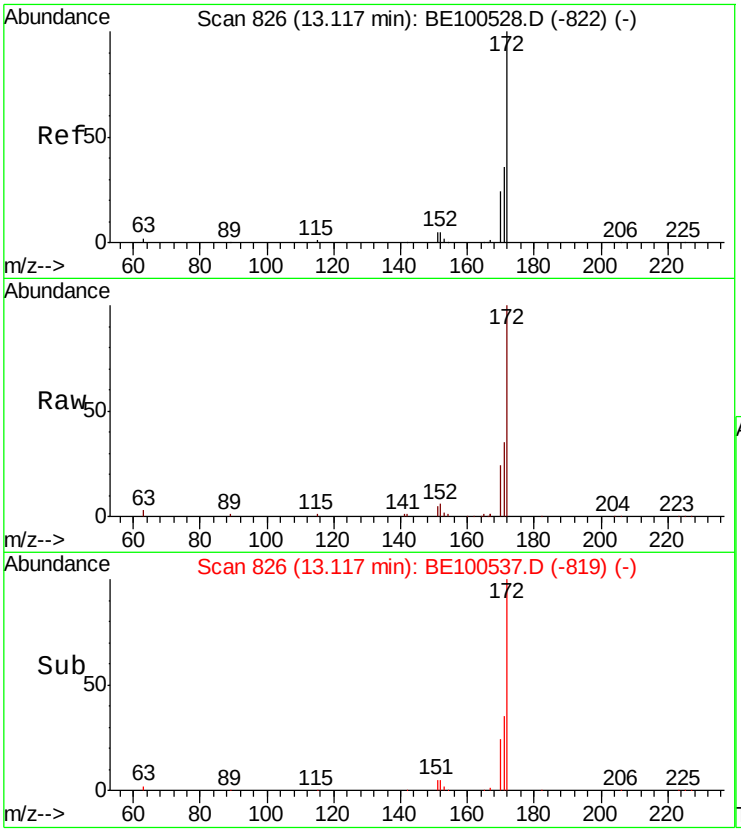


#14
2,4,6-Tribromophenol
Concen: 0.206 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE100537.D
Acq: 23 Sep 2019 13:09

Tgt Ion:330 Resp: 610

Ion	Ratio	Lower	Upper
330	100		
332	105.1	75.5	113.3
141	53.1	42.3	63.5



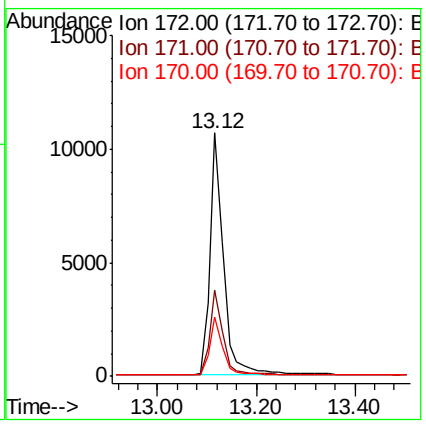


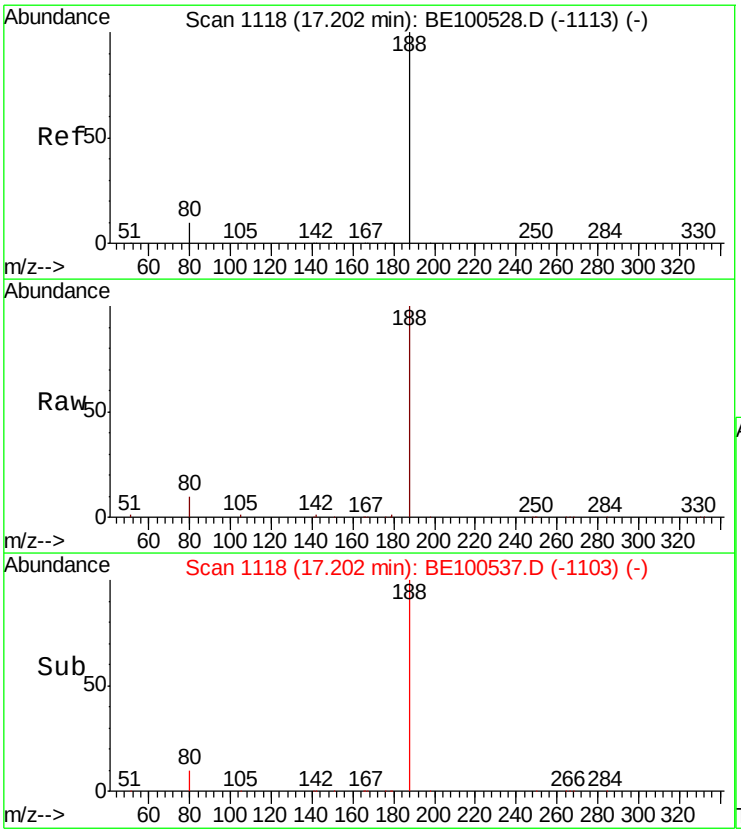
#15
2-Fluorobiphenyl
Concen: 0.313 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE100537.D
Acq: 23 Sep 2019 13:09

Instrument :
BNA_E
ClientSampleId :
PB123105BL

Tgt Ion:172 Resp: 20440

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.8	43.2
170	24.3	19.4	29.0

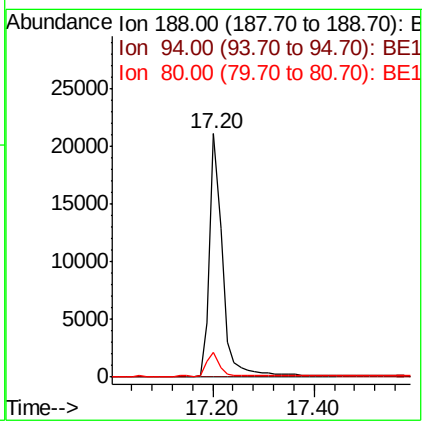


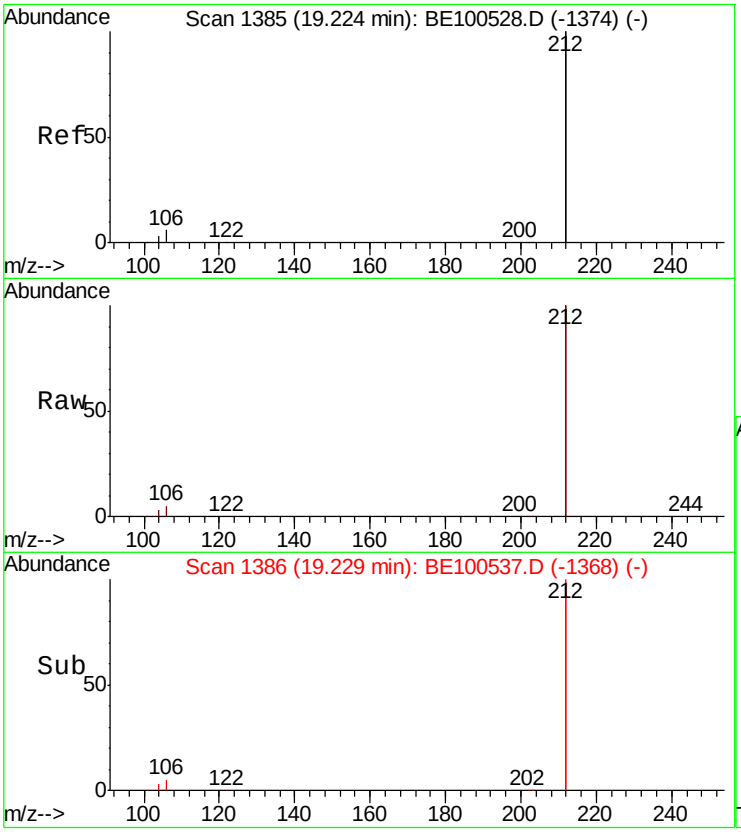


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BE100537.D
Acq: 23 Sep 2019 13:09

Tgt Ion:188 Resp: 37433

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.2	8.0	12.0



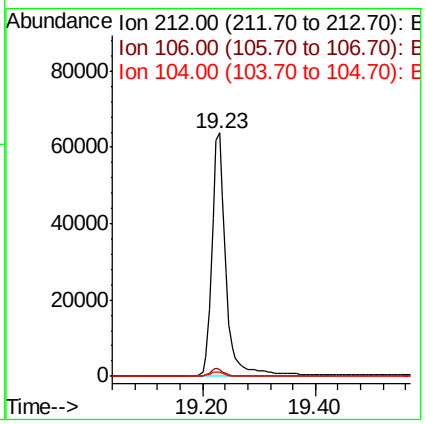


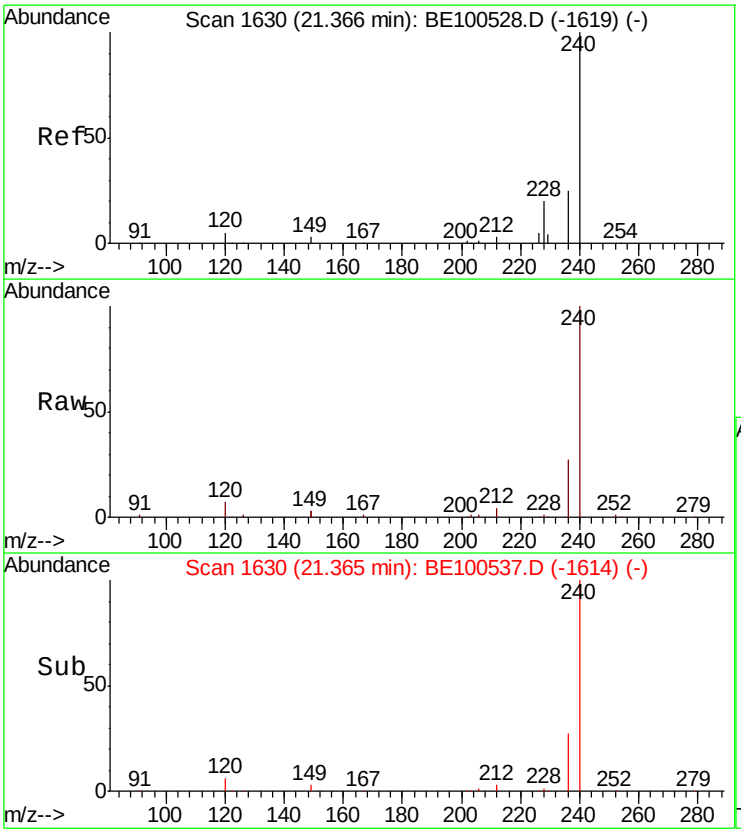
#25
Fluoranthene-d10
Concen: 0.243 ng
RT: 19.23 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BE100537.D
Acq: 23 Sep 2019 13:09

Instrument :
BNA_E
ClientSampleId :
PB123105BL

Tgt Ion:212 Resp: 108349

Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.3	3.5
104	1.7	1.3	1.9

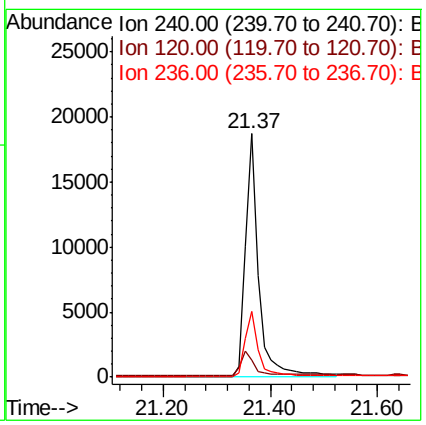


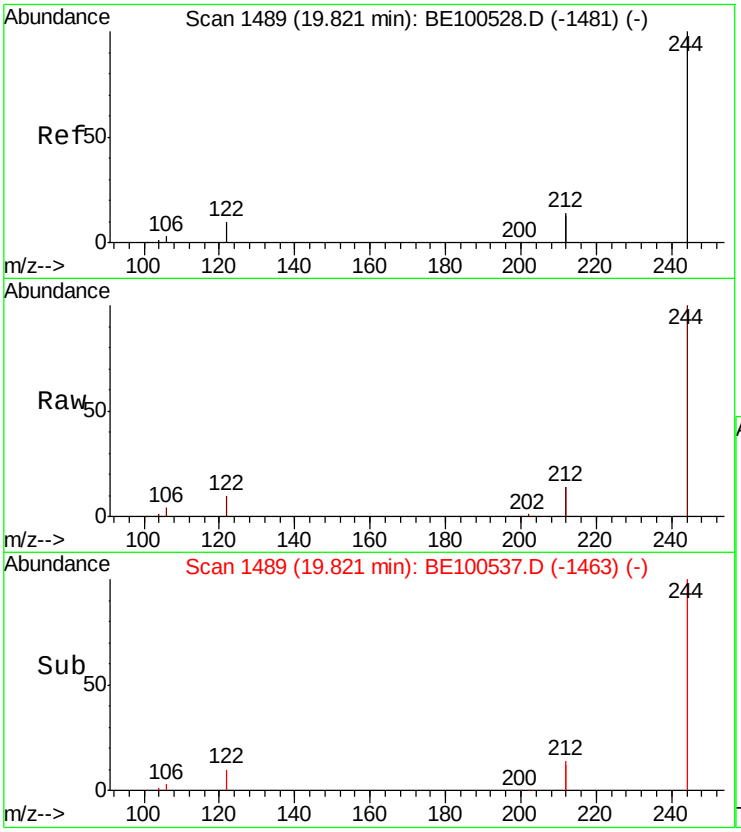


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE100537.D
Acq: 23 Sep 2019 13:09

Tgt Ion:240 Resp: 32285

Ion	Ratio	Lower	Upper
240	100		
120	6.8	4.5	6.7#
236	27.0	20.6	30.8



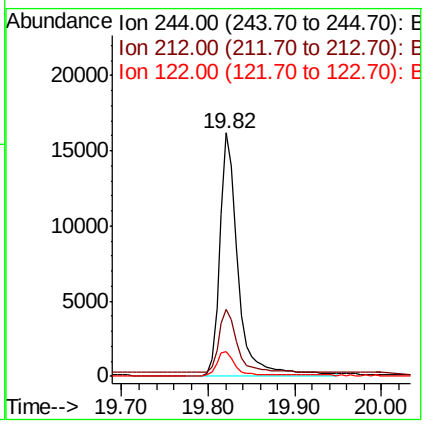


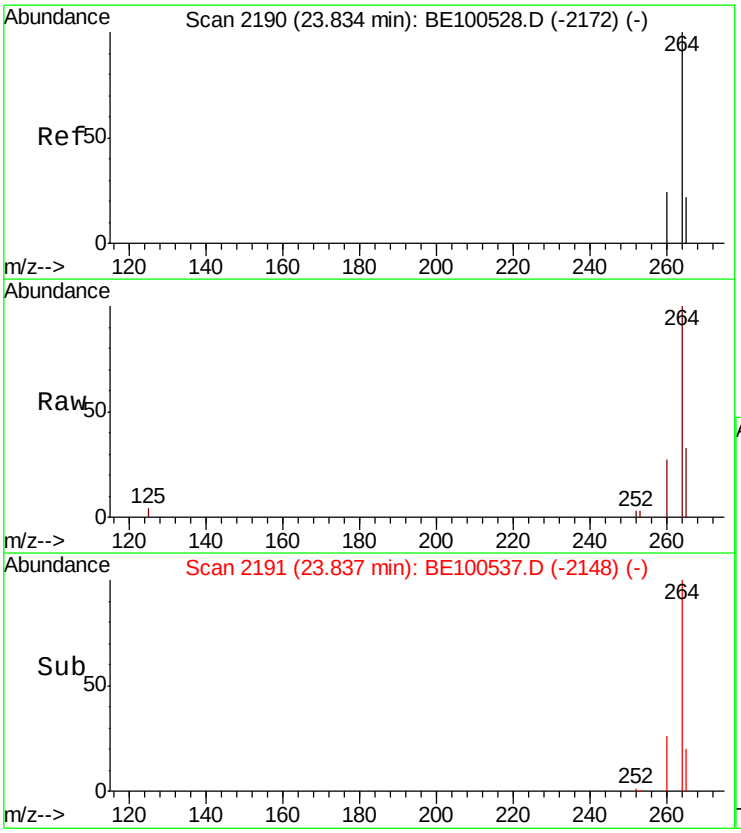
#29
Terphenyl-d14
Concen: 0.308 ng
RT: 19.82 min Scan# 1489
Delta R.T. -0.00 min
Lab File: BE100537.D
Acq: 23 Sep 2019 13:09

Instrument :
BNA_E
ClientSampleId :
PB123105BL

Tgt Ion:244 Resp: 23521

Ion	Ratio	Lower	Upper
244	100		
212	27.7	22.2	33.2
122	10.4	8.3	12.5





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.84 min Scan# 2191
Delta R.T. 0.00 min
Lab File: BE100537.D
Acq: 23 Sep 2019 13:09

Tgt Ion:264 Resp: 17327

Ion	Ratio	Lower	Upper
264	100		
260	26.7	19.6	29.4
265	33.0	21.8	32.8#