Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011720\
Data File : BE101088.D
Acq On : 17 Jan 2020 17:06
Operator : JU
Sample : PB126161BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB126161BL

Quant Time: Jan 20 10:27:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 18:36:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	1240	0.40	ng	0.00
7) Naphthalene-d8	10.50	136	4922	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	3954	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	12080	0.40	ng	0.00
27) Chrysene-d12	21.27	240	21849	0.40	ng	-0.01
34) Perylene-d12	23.69	264	21587	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	1389	0.50	ng	0.00
5) Phenol-d6	6.91	99	1212	0.34	ng	0.00
8) Nitrobenzene-d5	8.90	82	1023	0.29	ng	0.02
11) 2-Methylnaphthalene-d10	12.11	152	2875	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	315	0.28	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	5104	0.34	ng	-0.02
25) Fluoranthene-d10	19.12	212	75952	0.45	ng	-0.01
29) Terphenyl-d14	19.72	244	17401	0.32	ng	-0.01
Target Compounds						Qvalue

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

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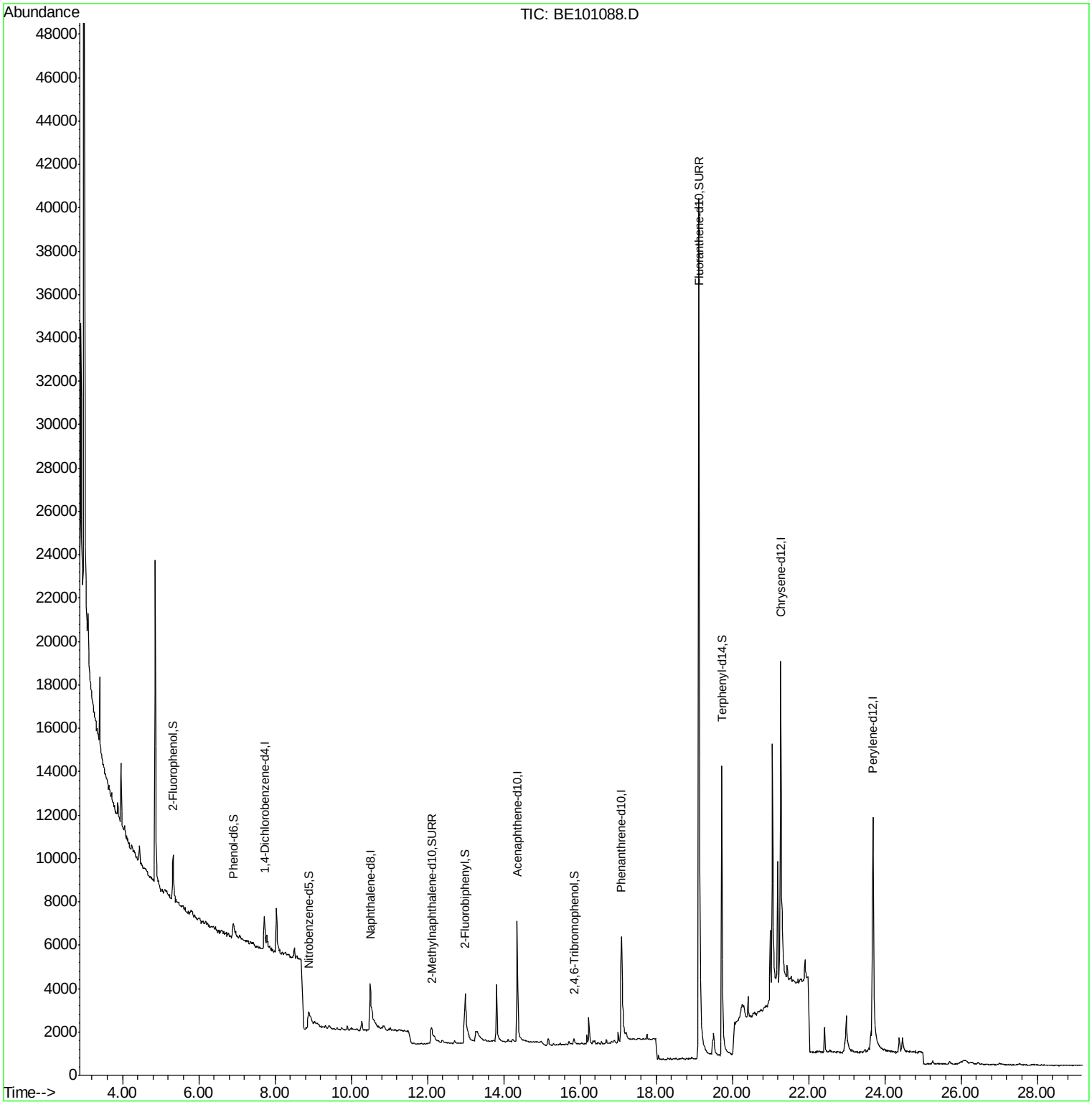
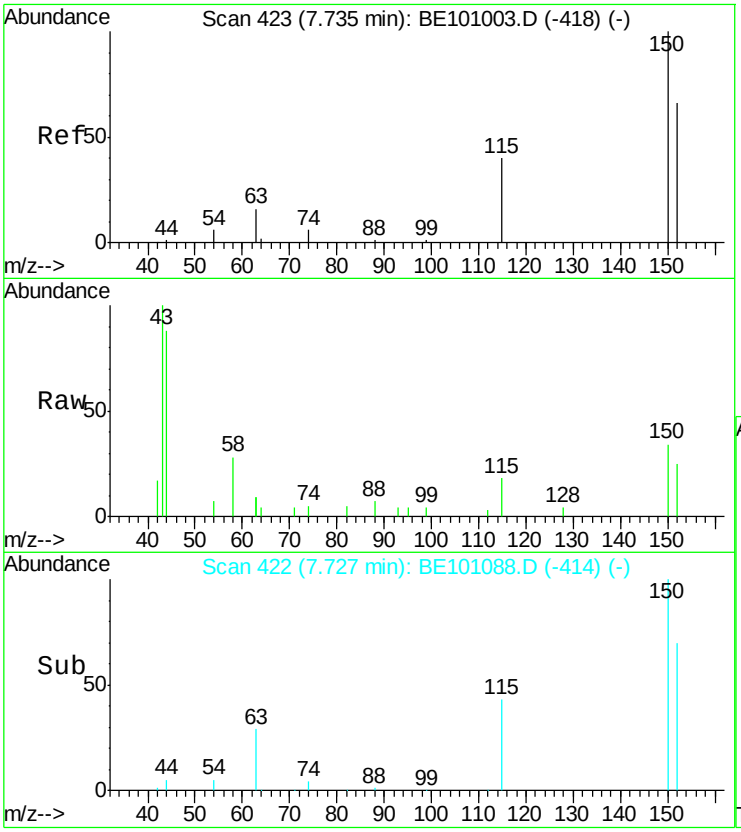
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 18:36:25 2020
Response via : Initial Calibration



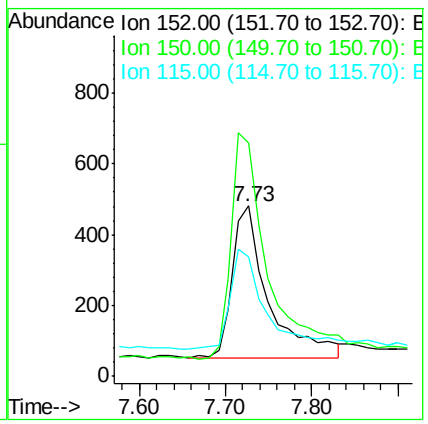


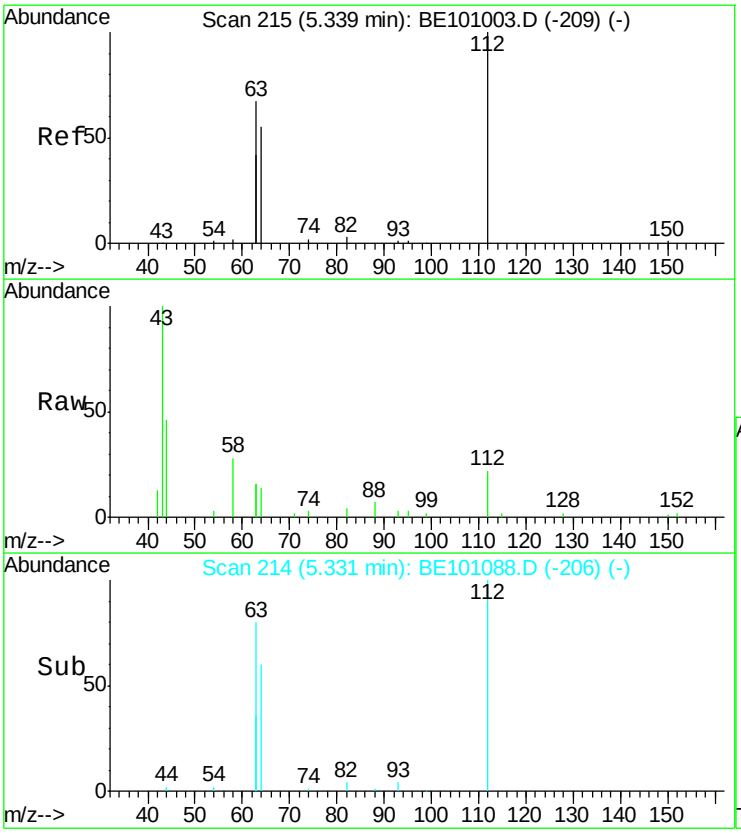
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE101088.D
Acq: 17 Jan 2020 17:06

Instrument :
BNA_E
ClientSampleId :
PB126161BL

Tgt Ion:152 Resp: 1240

Ion	Ratio	Lower	Upper
152	100		
150	137.4	120.3	180.5
115	70.3	51.7	77.5

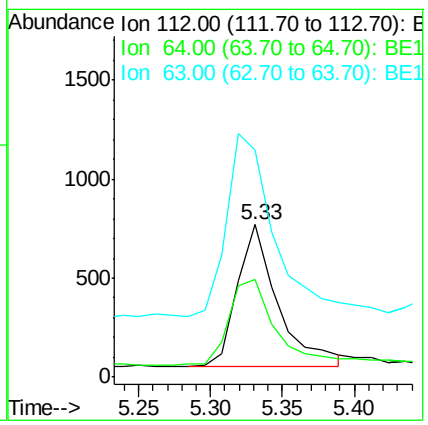


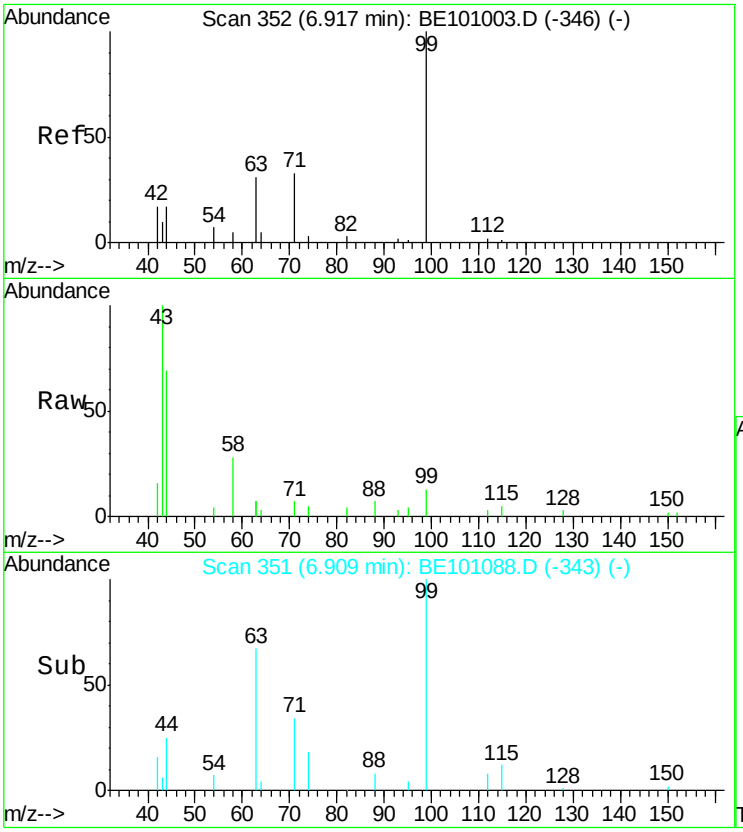


#4
2-Fluorophenol
Concen: 0.498 ng
RT: 5.33 min Scan# 214
Delta R.T. -0.01 min
Lab File: BE101088.D
Acq: 17 Jan 2020 17:06

Tgt Ion:112 Resp: 1389

Ion	Ratio	Lower	Upper
112	100		
64	69.8	53.6	80.4
63	149.7	114.6	172.0



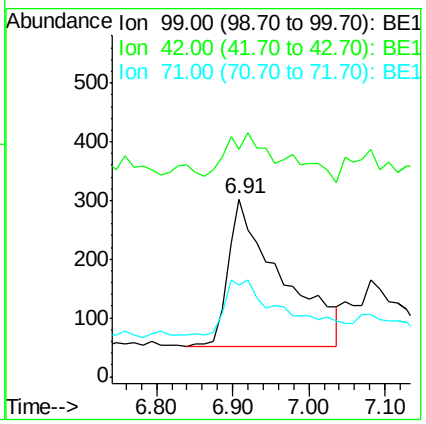


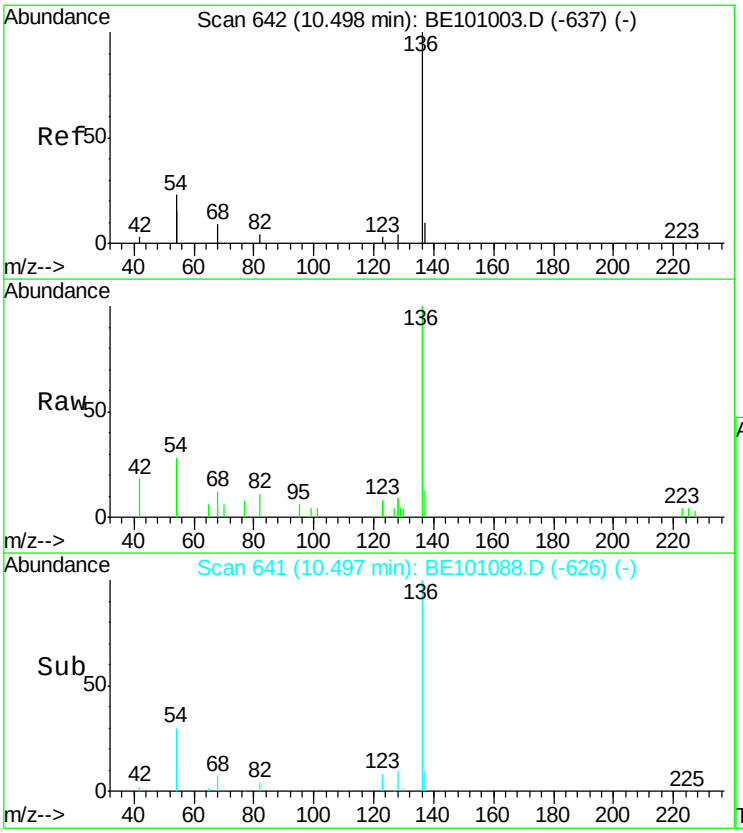
#5
Phenol-d6
Concen: 0.343 ng
RT: 6.91 min Scan# 351
Delta R.T. -0.01 min
Lab File: BE101088.D
Acq: 17 Jan 2020 17:06

Instrument :
BNA_E
ClientSampleId :
PB126161BL

Tgt Ion: 99 Resp: 1212

Ion	Ratio	Lower	Upper
99	100		
42	21.6	18.3	27.5
71	0.0	28.0	42.0#

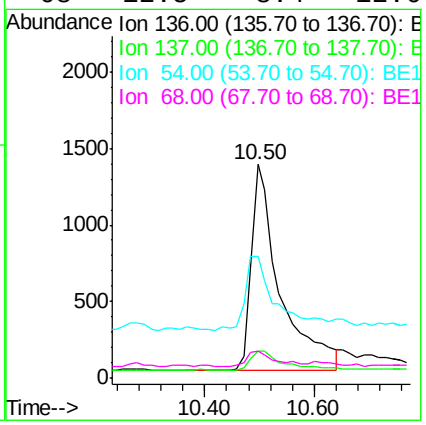


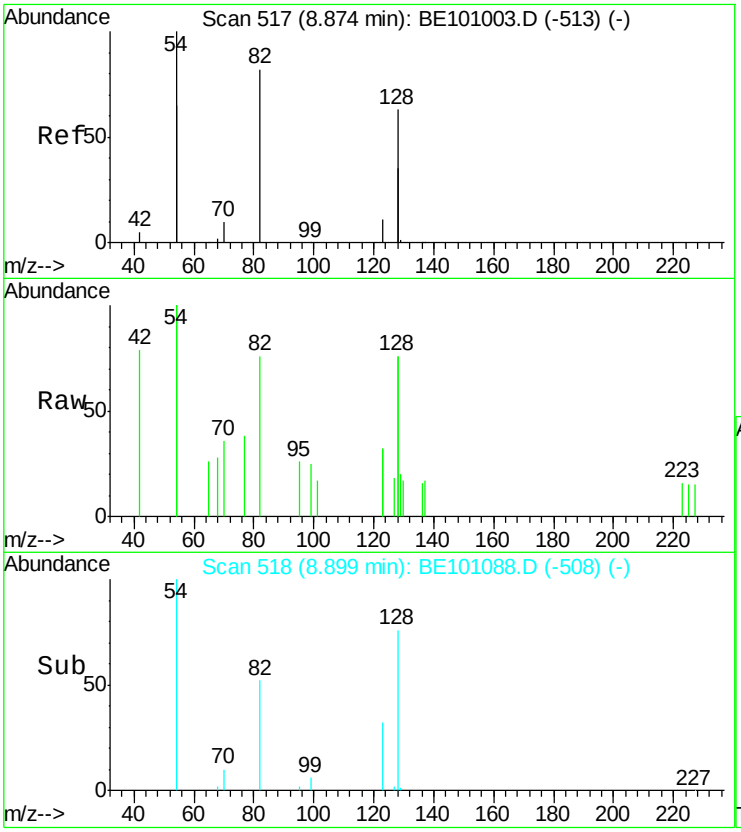


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.50 min Scan# 641
Delta R.T. -0.00 min
Lab File: BE101088.D
Acq: 17 Jan 2020 17:06

Tgt Ion:136 Resp: 4922

Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.3	13.9
54	56.9	36.8	55.2#
68	12.5	8.4	12.6



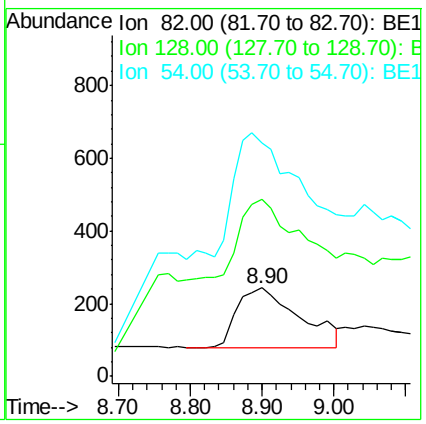


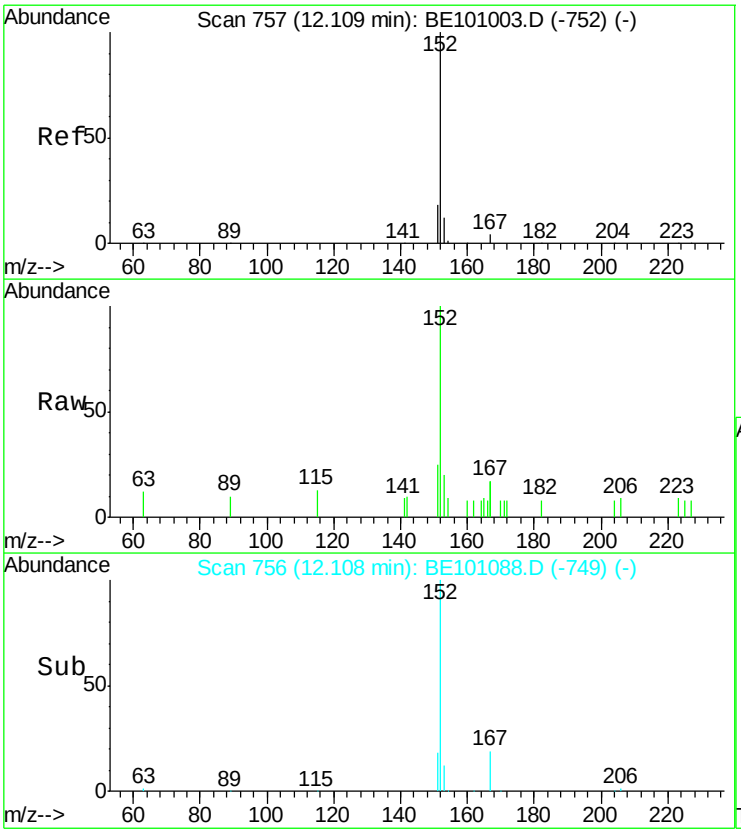
#8
Nitrobenzene-d5
Concen: 0.291 ng
RT: 8.90 min Scan# 518
Delta R.T. 0.02 min
Lab File: BE101088.D
Acq: 17 Jan 2020 17:06

Instrument :
BNA_E
ClientSampleId :
PB126161BL

Tgt Ion: 82 Resp: 1023

Ion	Ratio	Lower	Upper
82	100		
128	200.8	109.8	164.6#
54	264.2	174.5	261.7#

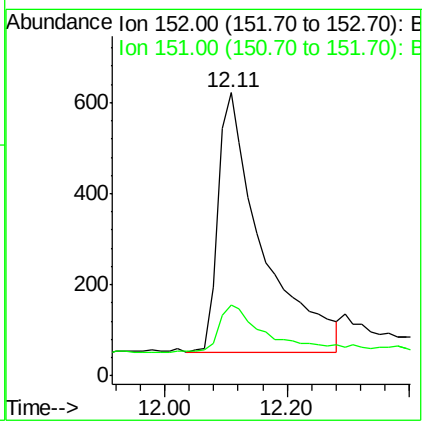


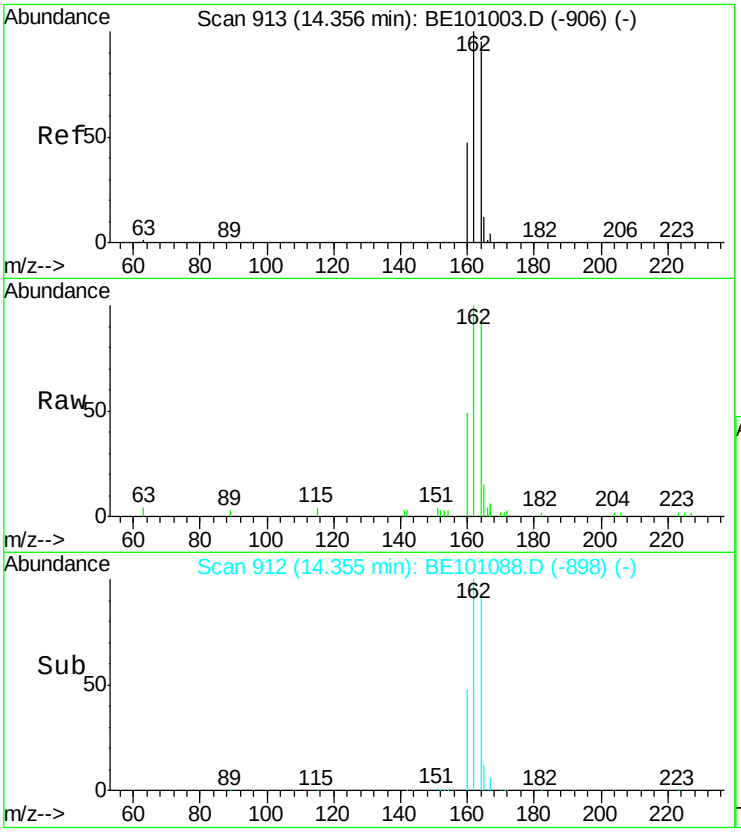


#11
2-Methylnaphthalene-d10
Concen: 0.306 ng
RT: 12.11 min Scan# 756
Delta R.T. -0.00 min
Lab File: BE101088.D
Acq: 17 Jan 2020 17:06

Tgt Ion:152 Resp: 2875

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.0	22.6



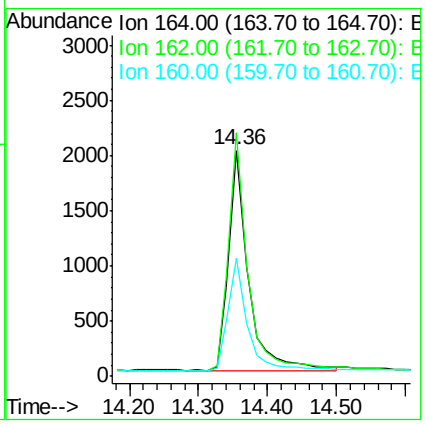


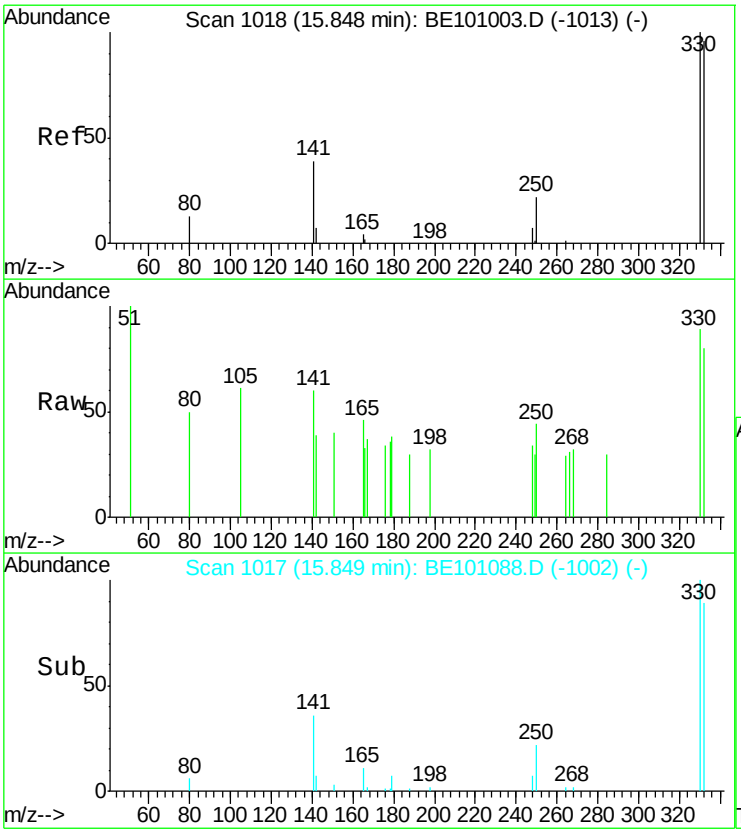
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 912
Delta R.T. -0.00 min
Lab File: BE101088.D
Acq: 17 Jan 2020 17:06

Instrument :
BNA_E
ClientSampleId :
PB126161BL

Tgt Ion:164 Resp: 3954

Ion	Ratio	Lower	Upper
164	100		
162	107.9	84.1	126.1
160	52.5	40.4	60.6

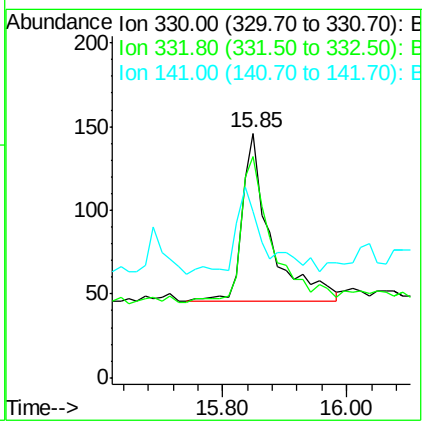


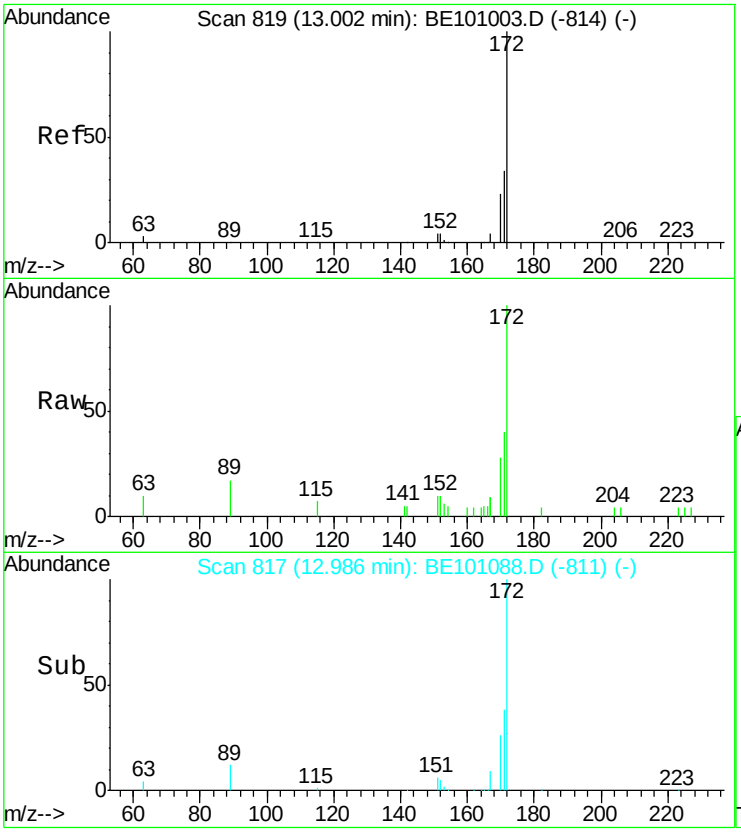


#14
2,4,6-Tribromophenol
Concen: 0.282 ng
RT: 15.85 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BE101088.D
Acq: 17 Jan 2020 17:06

Tgt Ion:330 Resp: 315

Ion	Ratio	Lower	Upper
330	100		
332	98.7	78.4	117.6
141	49.8	37.0	55.4



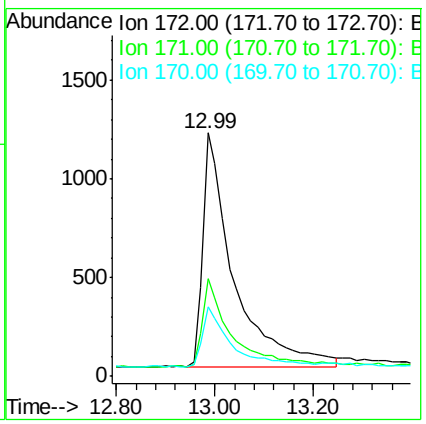


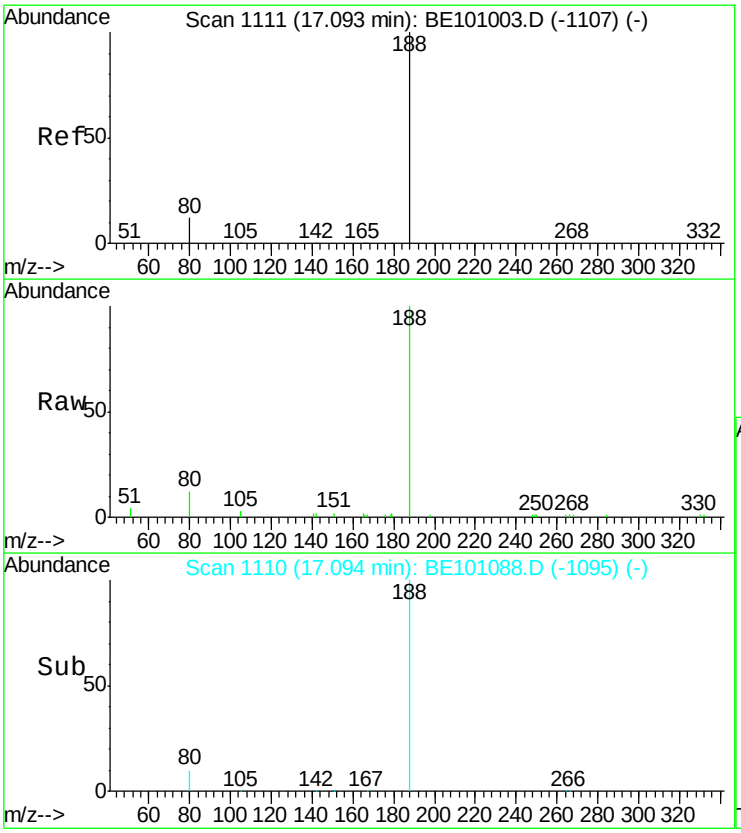
#15
2-Fluorobiphenyl
Concen: 0.340 ng
RT: 12.99 min Scan# 817
Delta R.T. -0.02 min
Lab File: BE101088.D
Acq: 17 Jan 2020 17:06

Instrument : BNA_E
ClientSampleId : PB126161BL

Tgt Ion:172 Resp: 5104

Ion	Ratio	Lower	Upper
172	100		
171	40.1	28.2	42.2
170	28.5	18.9	28.3#

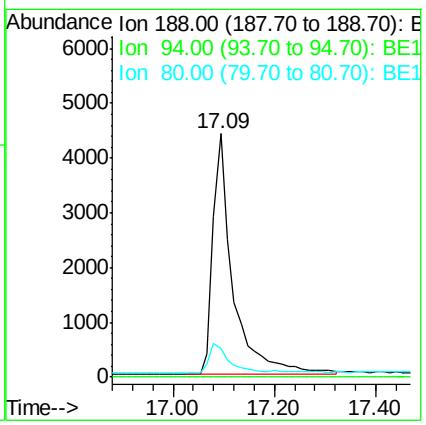


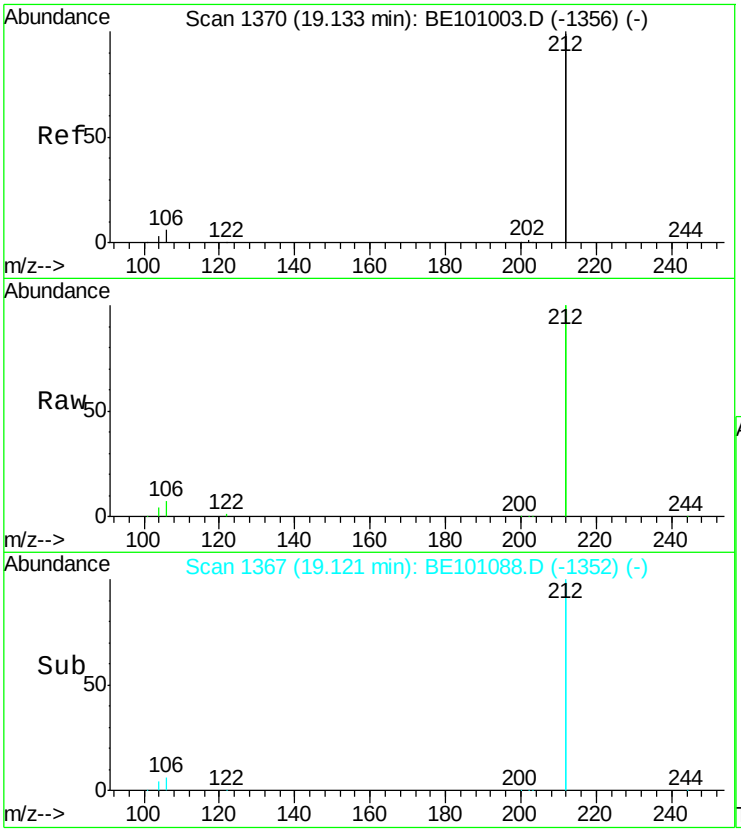


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BE101088.D
Acq: 17 Jan 2020 17:06

Tgt Ion:188 Resp: 12080

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.7	10.8	16.2



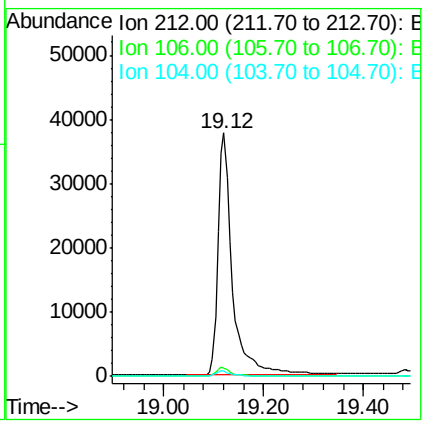


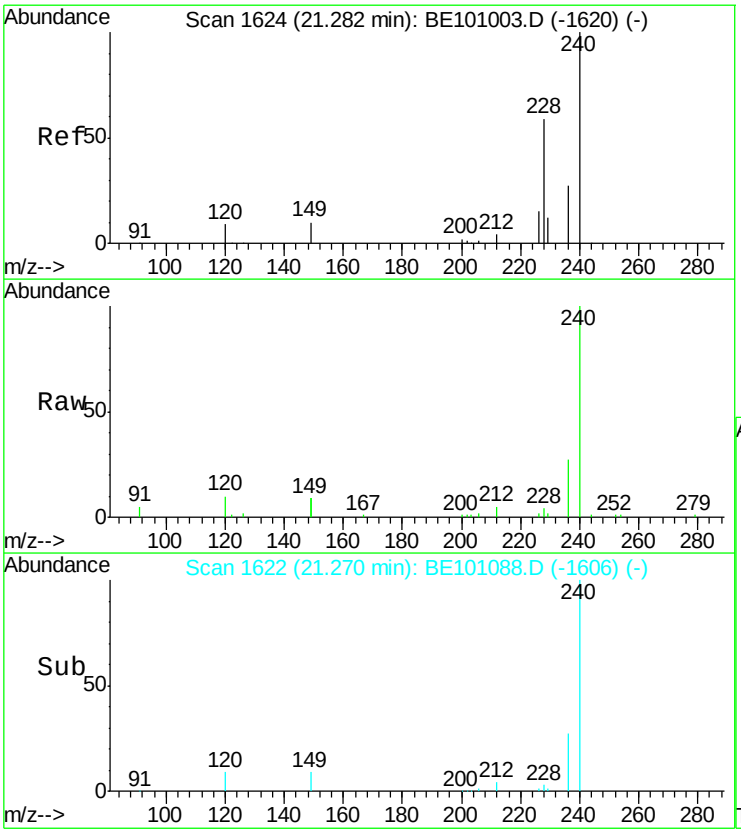
#25
Fluoranthene-d10
Concen: 0.453 ng
RT: 19.12 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BE101088.D
Acq: 17 Jan 2020 17:06

Instrument :
BNA_E
ClientSampleId :
PB126161BL

Tgt Ion:212 Resp: 75952

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.6	3.8
104	1.9	1.4	2.0

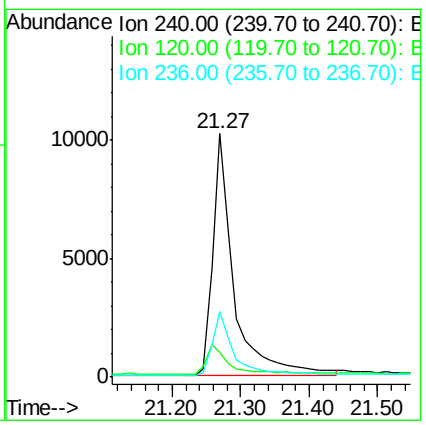


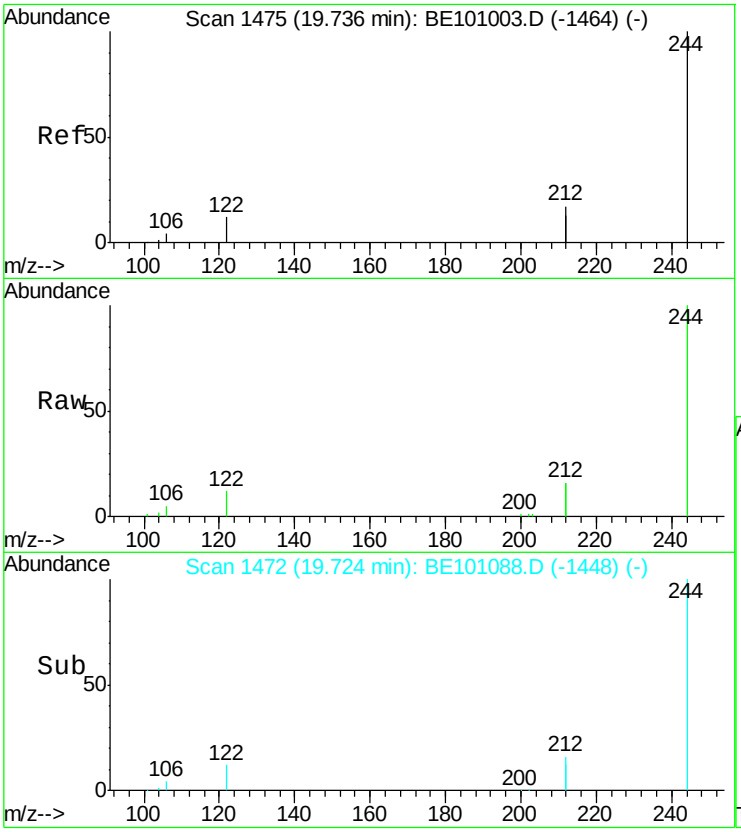


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BE101088.D
Acq: 17 Jan 2020 17:06

Tgt Ion:240 Resp: 21849

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.6	13.0
236	27.2	22.2	33.4



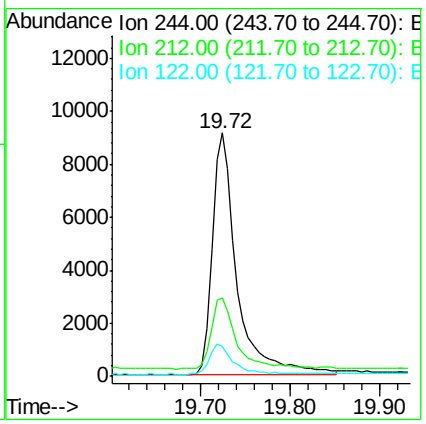


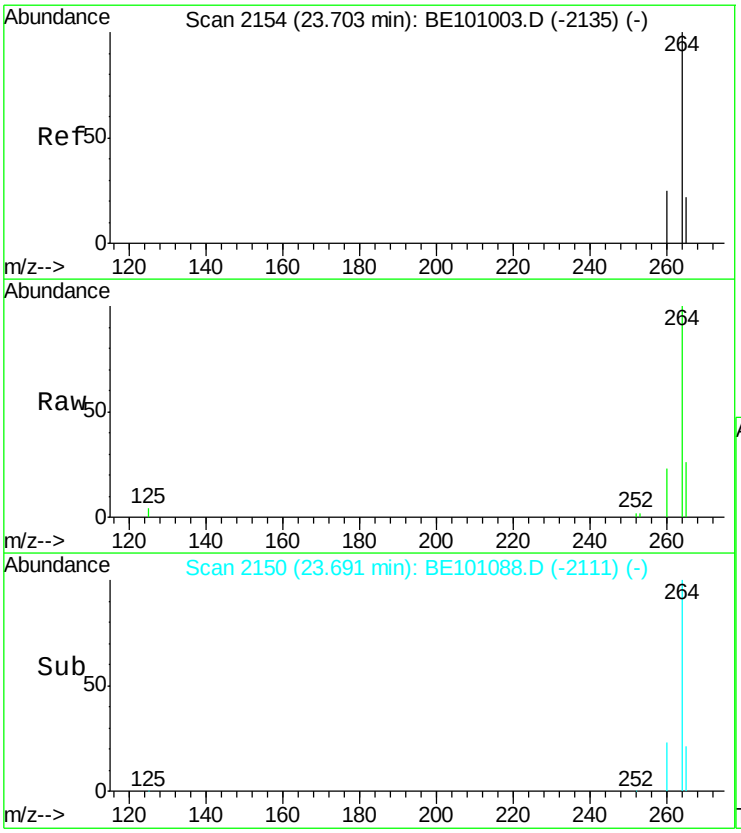
#29
Terphenyl-d14
Concen: 0.324 ng
RT: 19.72 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BE101088.D
Acq: 17 Jan 2020 17:06

Instrument :
BNA_E
ClientSampleId :
PB126161BL

Tgt Ion:244 Resp: 17401

Ion	Ratio	Lower	Upper
244	100		
212	32.2	27.2	40.8
122	12.4	9.8	14.8





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.69 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BE101088.D
Acq: 17 Jan 2020 17:06

Tgt Ion:264 Resp: 21587

Ion	Ratio	Lower	Upper
264	100		
260	23.2	20.3	30.5
265	26.4	27.0	40.4#