Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE050119\
Data File : BE099457.D
Acq On : 1 May 2019 10:53
Operator : JU/SJ
Sample : PB119270BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB119270BL

Quant Time: May 02 07:47:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 29 18:36:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1985	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	7196	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	5288	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	16878	0.40	ng	0.00
27) Chrysene-d12	21.37	240	24151	0.40	ng	0.00
34) Perylene-d12	23.86	264	28042	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	1868	0.34	ng	0.00
5) Phenol-d6	6.97	99	2516	0.34	ng	0.00
8) Nitrobenzene-d5	8.96	82	1953	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	12.20	152	3901	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	1016	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.07	172	5946	0.29	ng	-0.01
25) Fluoranthene-d10	19.22	212	74583	0.33	ng	0.00
29) Terphenyl-d14	19.81	244	16246	0.37	ng	0.00

Target Compounds	Qvalue

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

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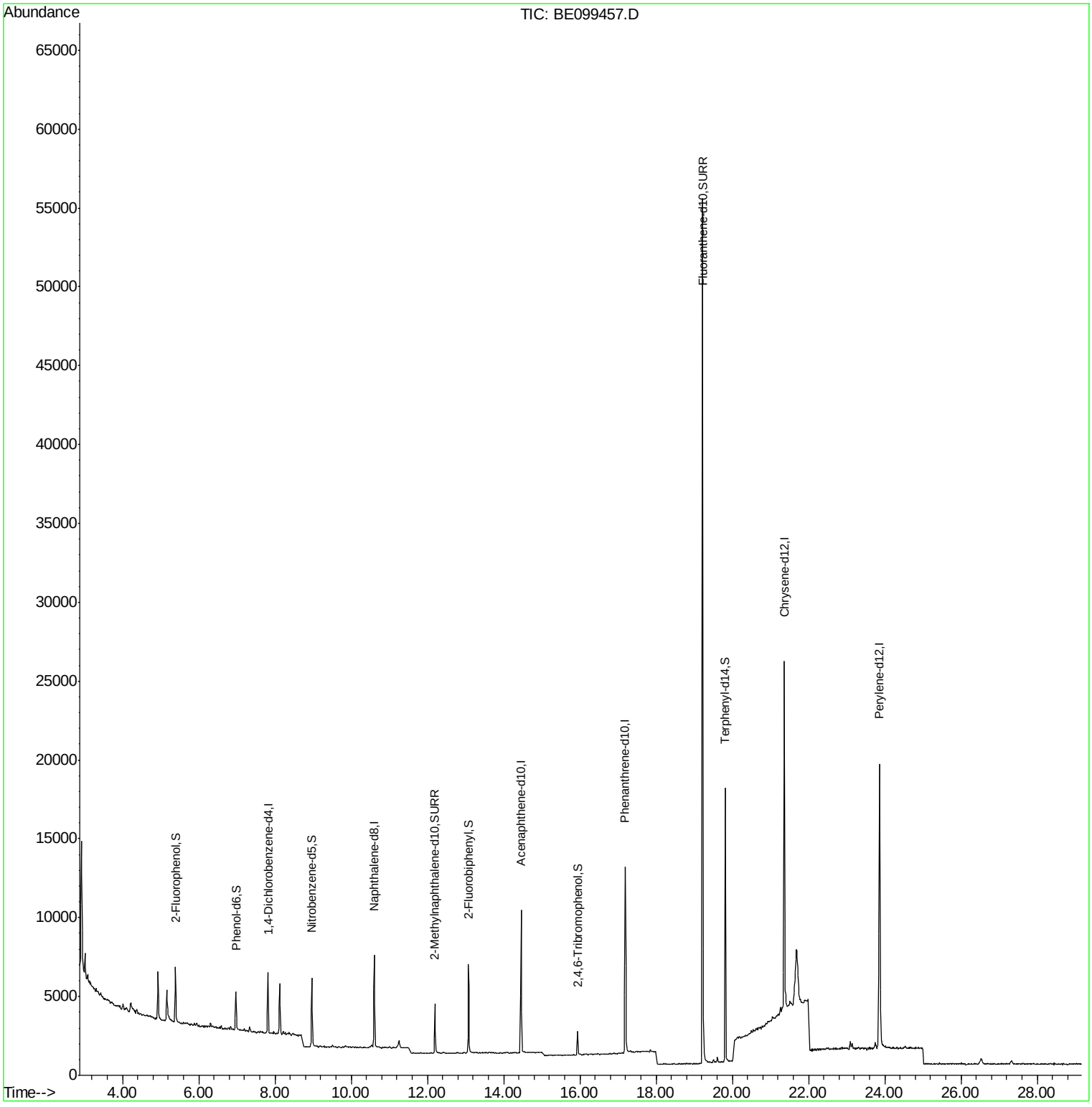
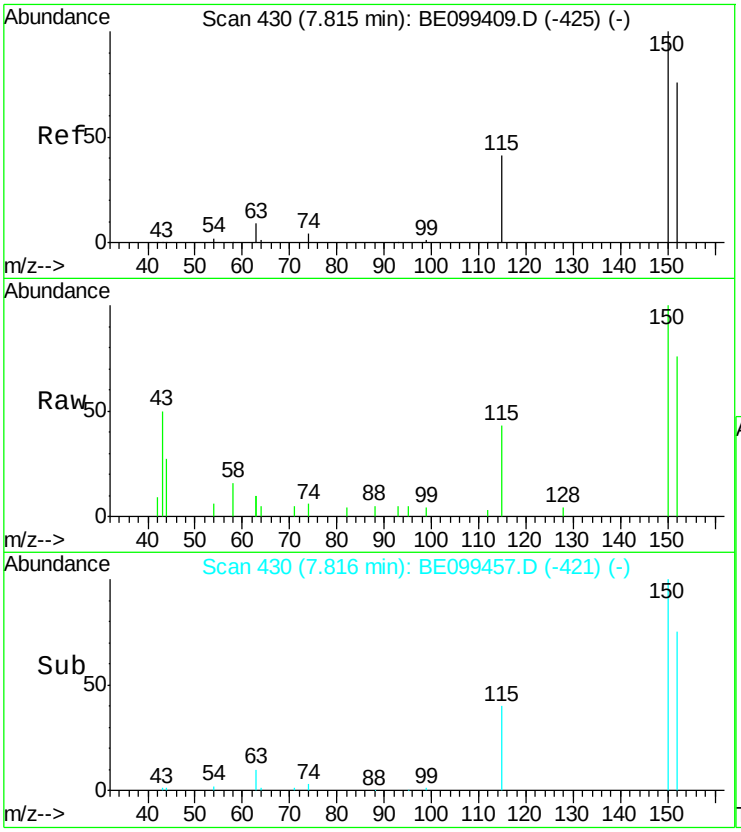
Response via : Initial Calibration



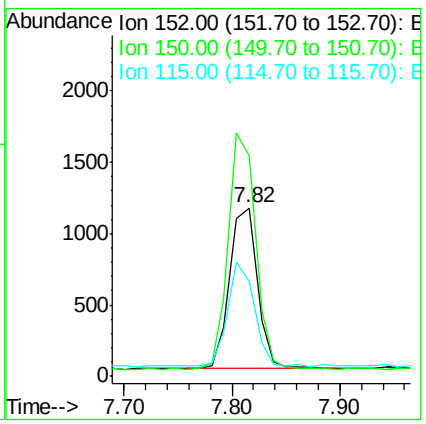


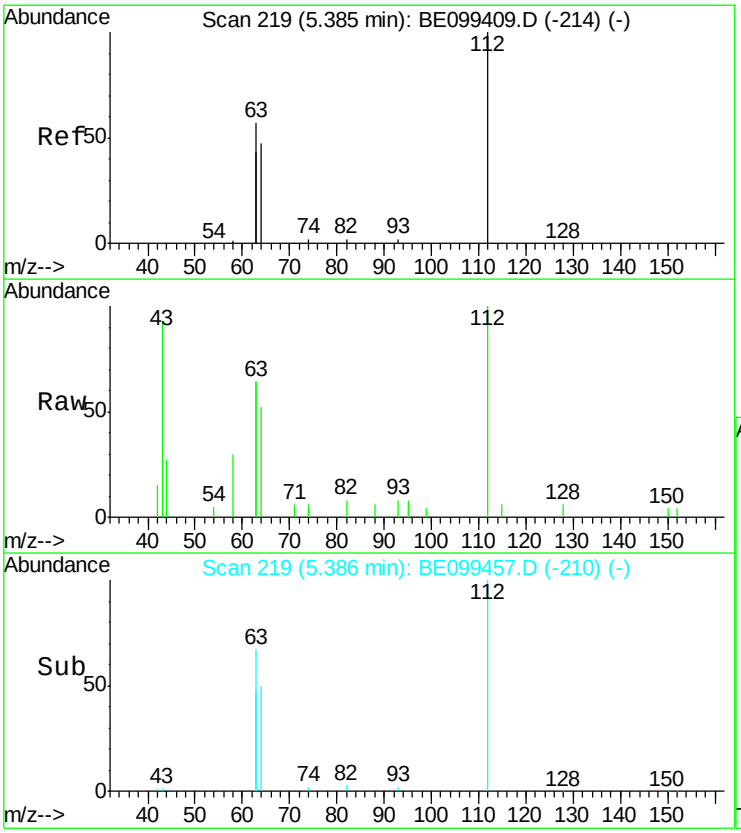
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE099457.D
Acq: 1 May 2019 10:53

Instrument :
BNA_E
ClientSampleId :
PB119270BL

Tgt Ion:152 Resp: 1985

Ion	Ratio	Lower	Upper
152	100		
150	131.0	104.8	157.2
115	56.3	46.6	69.8

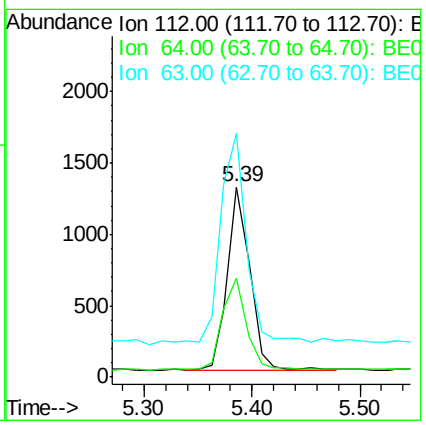


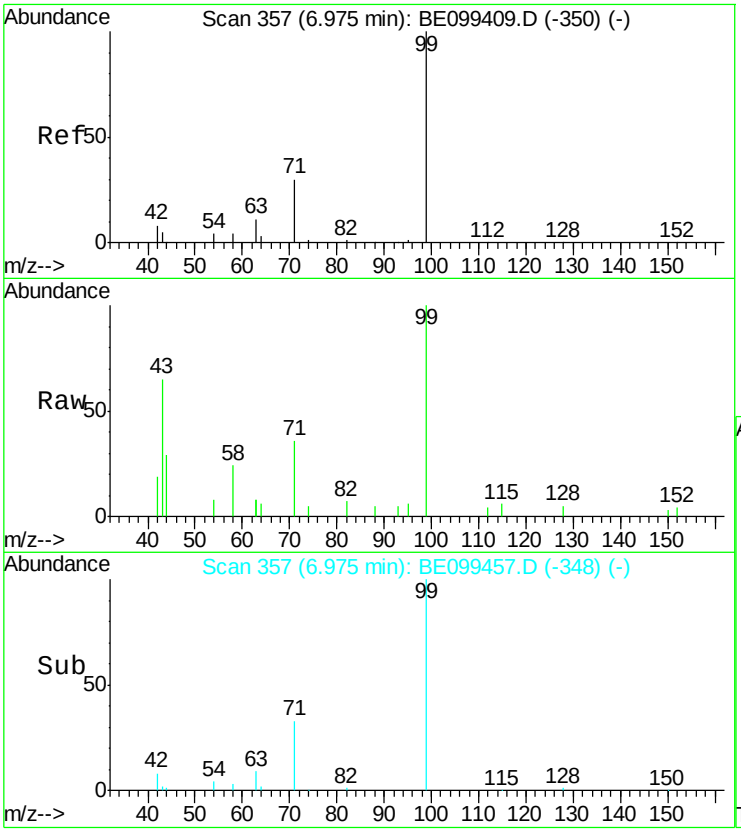


#4
2-Fluorophenol
Concen: 0.340 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.00 min
Lab File: BE099457.D
Acq: 1 May 2019 10:53

Tgt Ion:112 Resp: 1868

Ion	Ratio	Lower	Upper
112	100		
64	52.6	47.4	71.0
63	135.2	104.3	156.5



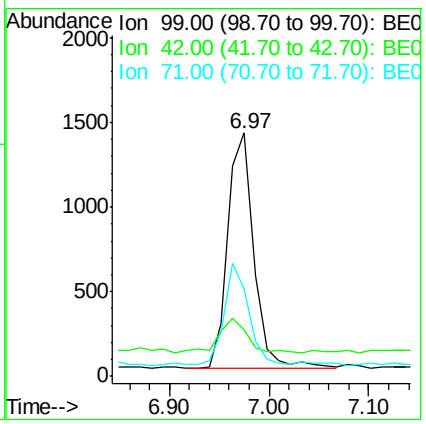


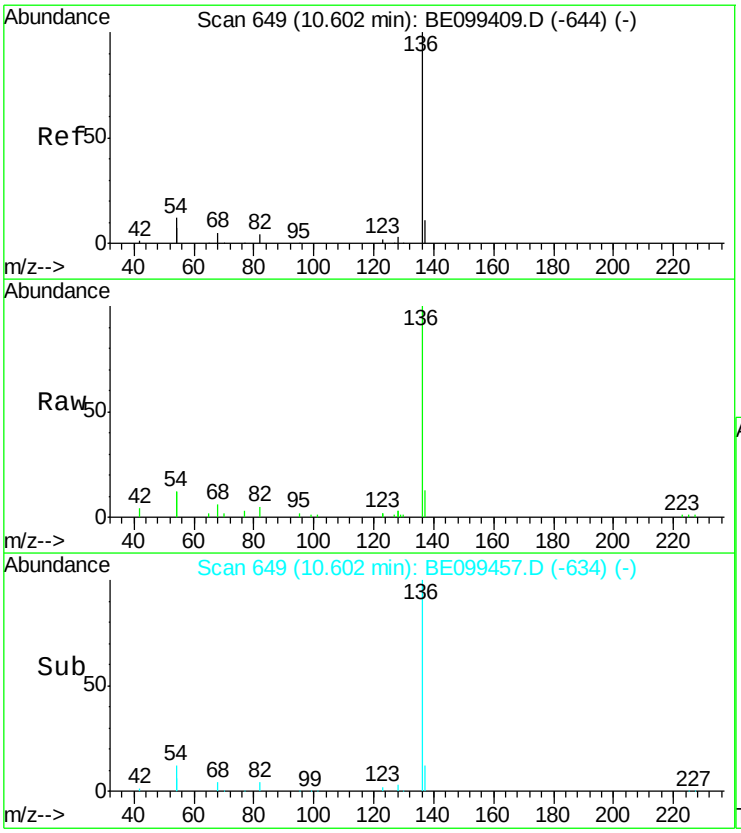
#5
Phenol-d6
Concen: 0.345 ng
RT: 6.97 min Scan# 357
Delta R.T. 0.00 min
Lab File: BE099457.D
Acq: 1 May 2019 10:53

Instrument :
BNA_E
ClientSampleId :
PB119270BL

Tgt Ion: 99 Resp: 2516

Ion	Ratio	Lower	Upper
99	100		
42	15.2	14.9	22.3
71	40.4	33.0	49.6

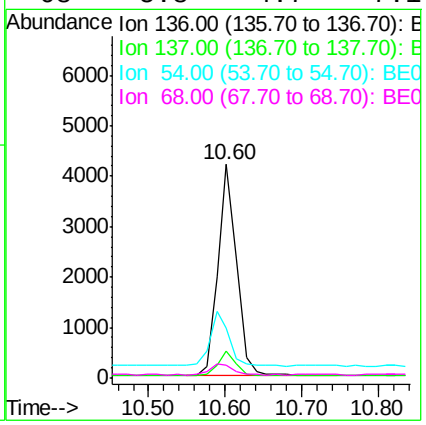


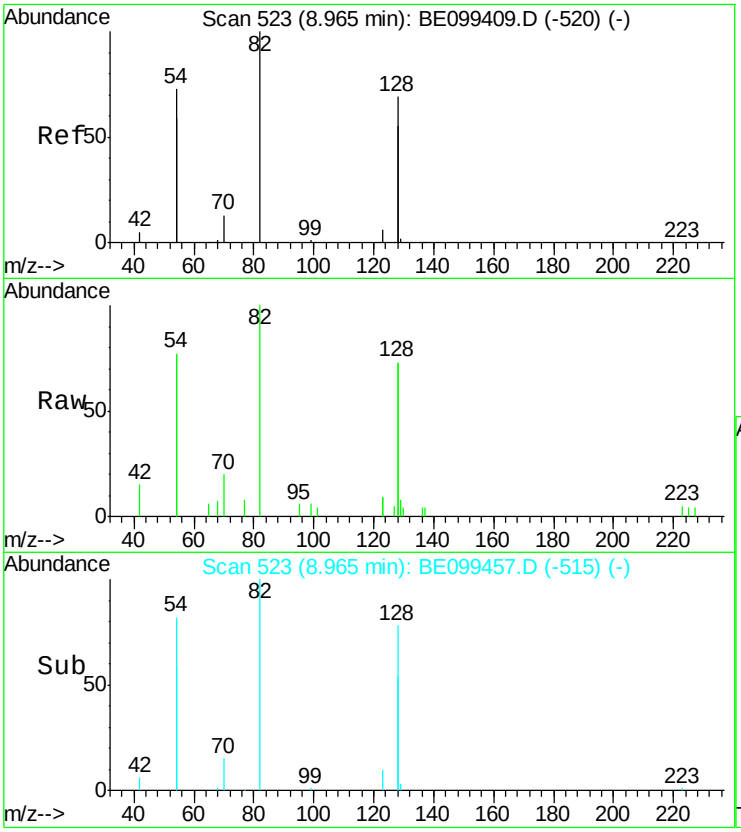


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE099457.D
Acq: 1 May 2019 10:53

Tgt Ion:136 Resp: 7196

Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.8	14.8
54	23.7	18.5	27.7
68	5.8	4.7	7.1



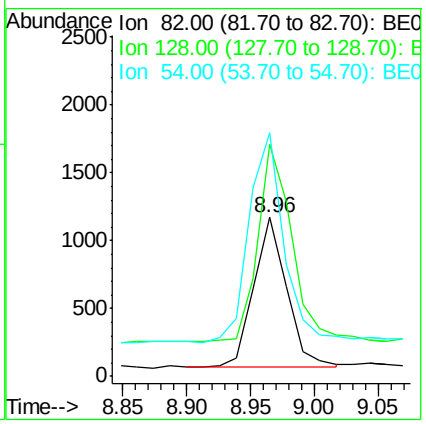


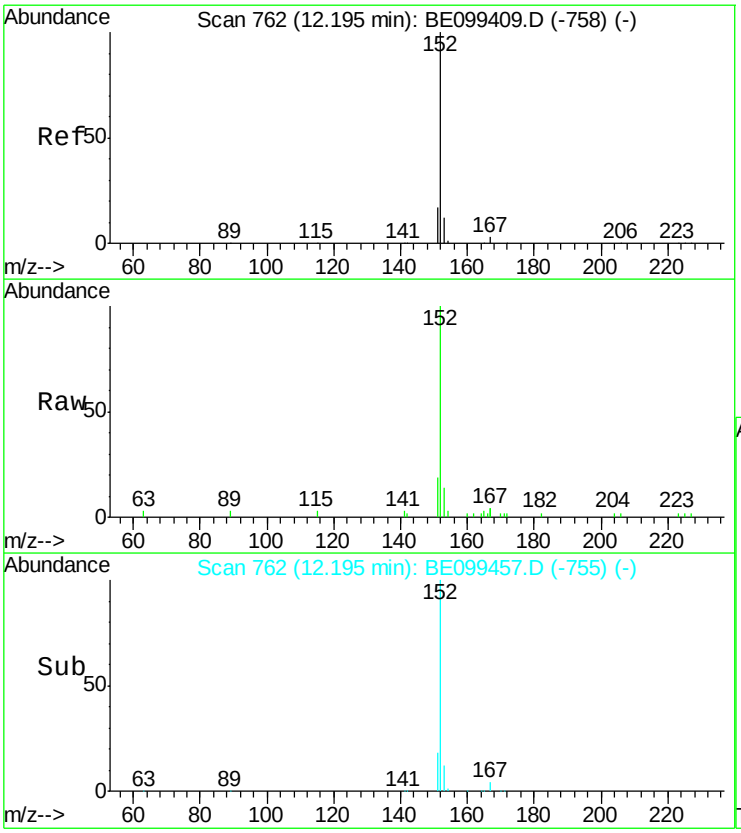
#8
Nitrobenzene-d5
Concen: 0.290 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE099457.D
Acq: 1 May 2019 10:53

Instrument :
BNA_E
ClientSampleId :
PB119270BL

Tgt Ion: 82 Resp: 1953

Ion	Ratio	Lower	Upper
82	100		
128	146.1	107.0	160.4
54	153.5	113.1	169.7

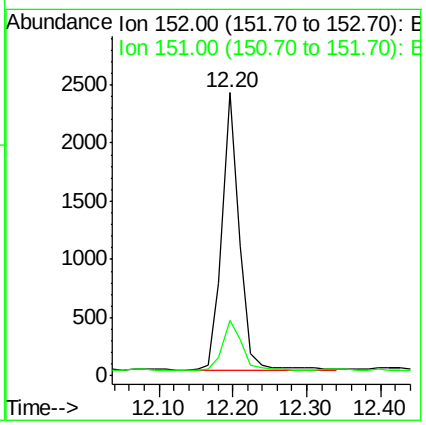


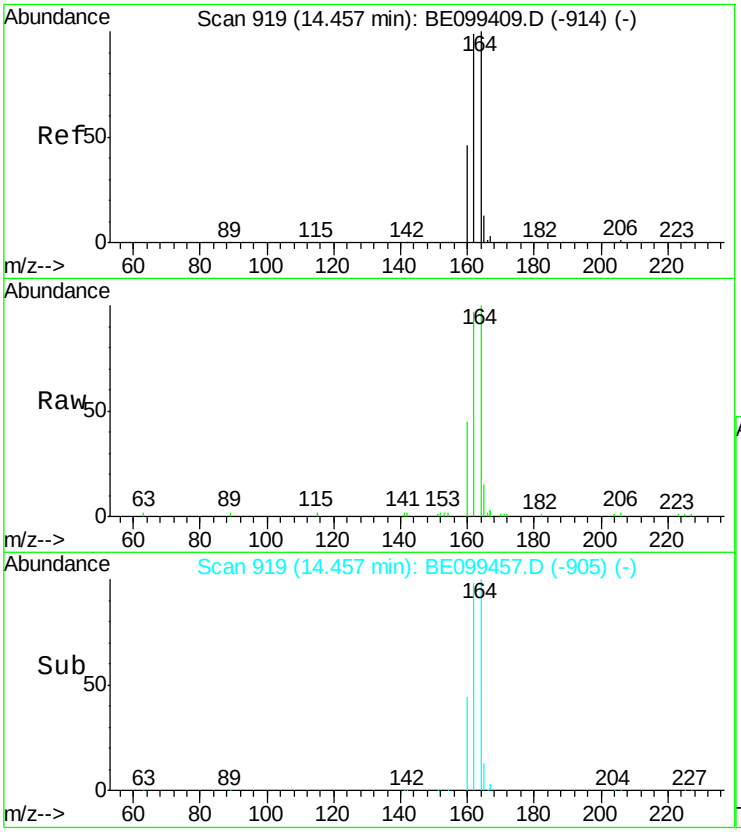


#11
2-Methylnaphthalene-d10
Concen: 0.301 ng
RT: 12.20 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE099457.D
Acq: 1 May 2019 10:53

Tgt Ion:152 Resp: 3901

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.5	23.3



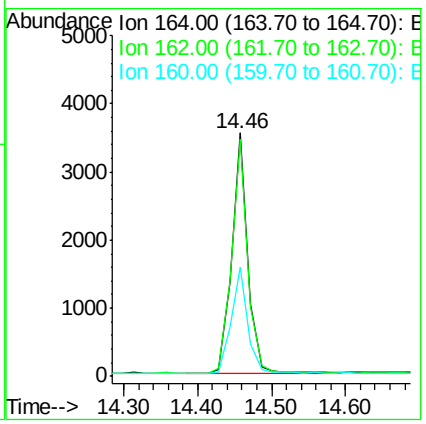


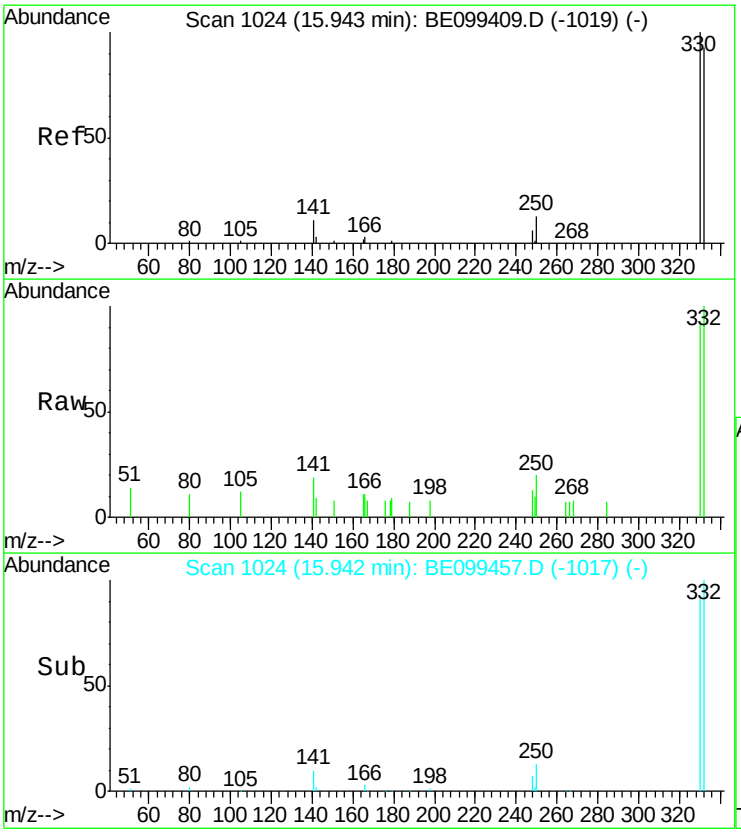
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099457.D
Acq: 1 May 2019 10:53

Instrument :
BNA_E
ClientSampleId :
PB119270BL

Tgt Ion:164 Resp: 5288

Ion	Ratio	Lower	Upper
164	100		
162	97.5	79.0	118.4
160	44.8	37.0	55.4

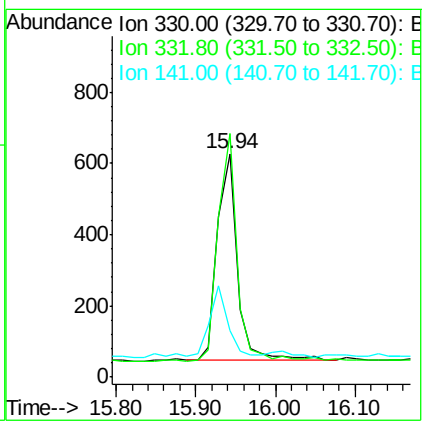


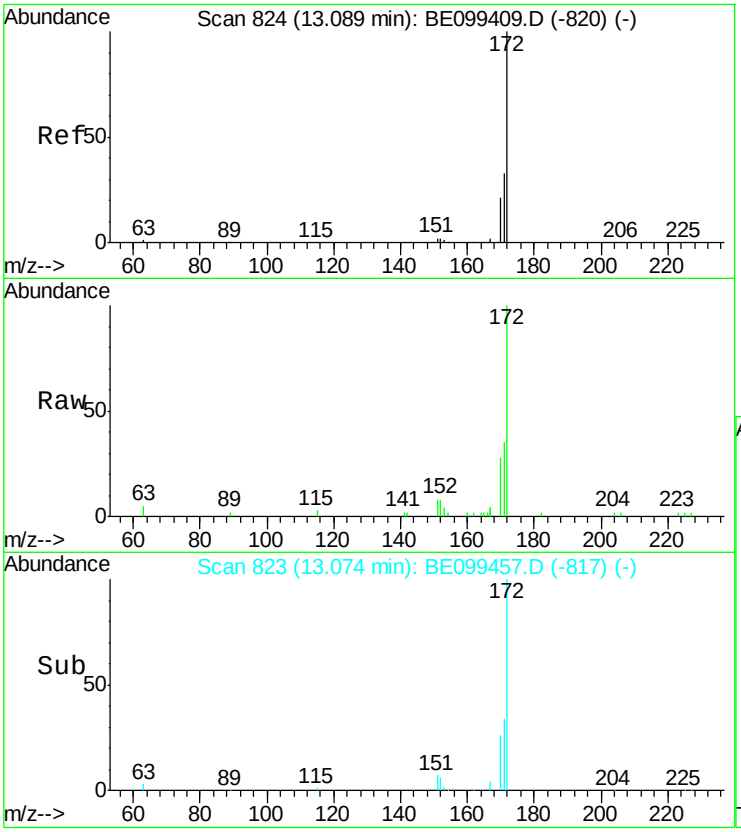


#14
2,4,6-Tribromophenol
Concen: 0.305 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BE099457.D
Acq: 1 May 2019 10:53

Tgt Ion:330 Resp: 1016

Ion	Ratio	Lower	Upper
330	100		
332	105.4	71.5	107.3
141	31.1	24.0	36.0



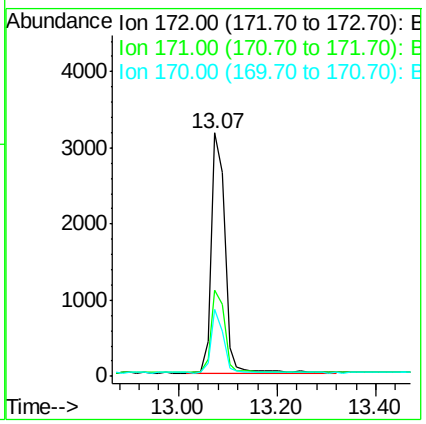


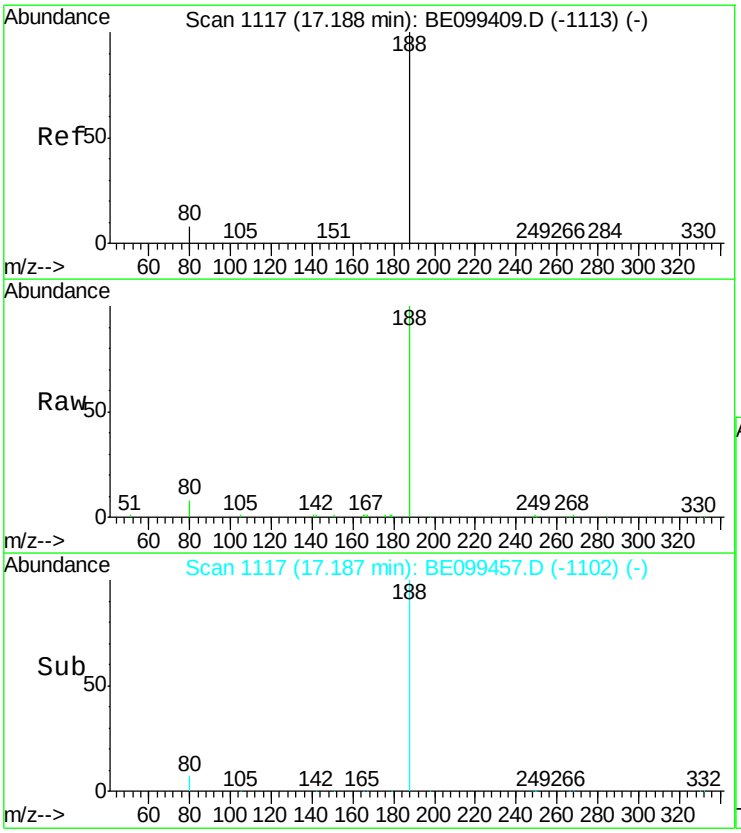
#15
2-Fluorobiphenyl
Concen: 0.295 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE099457.D
Acq: 1 May 2019 10:53

Instrument :
BNA_E
ClientSampleId :
PB119270BL

Tgt Ion:172 Resp: 5946

Ion	Ratio	Lower	Upper
172	100		
171	35.4	26.6	39.8
170	27.6	17.0	25.6#

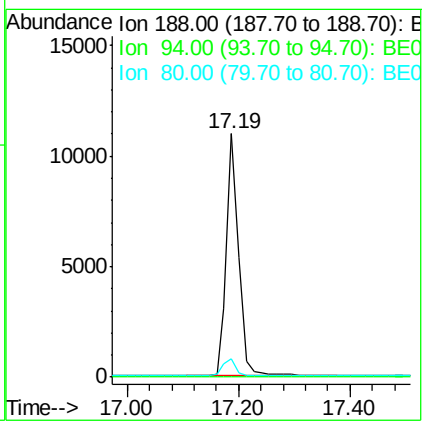


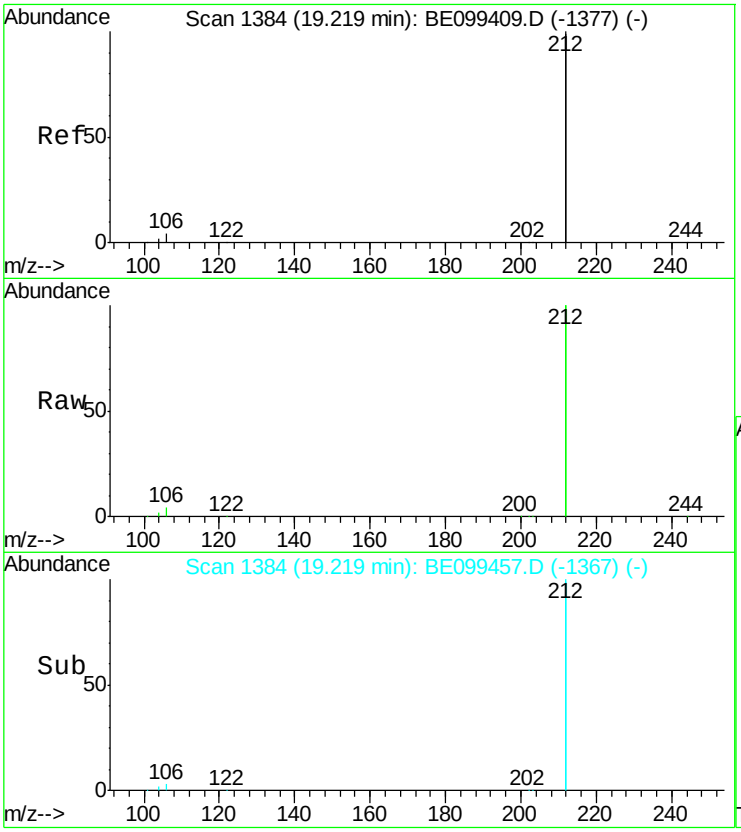


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BE099457.D
Acq: 1 May 2019 10:53

Tgt Ion:188 Resp: 16878

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.7	6.7	10.1



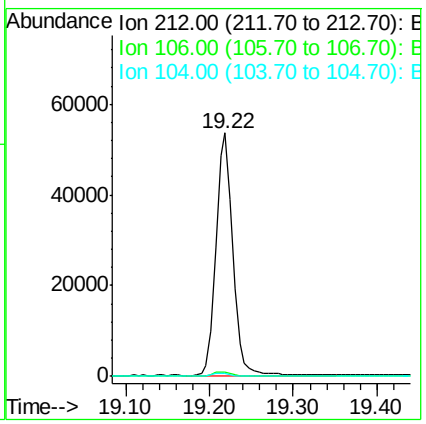


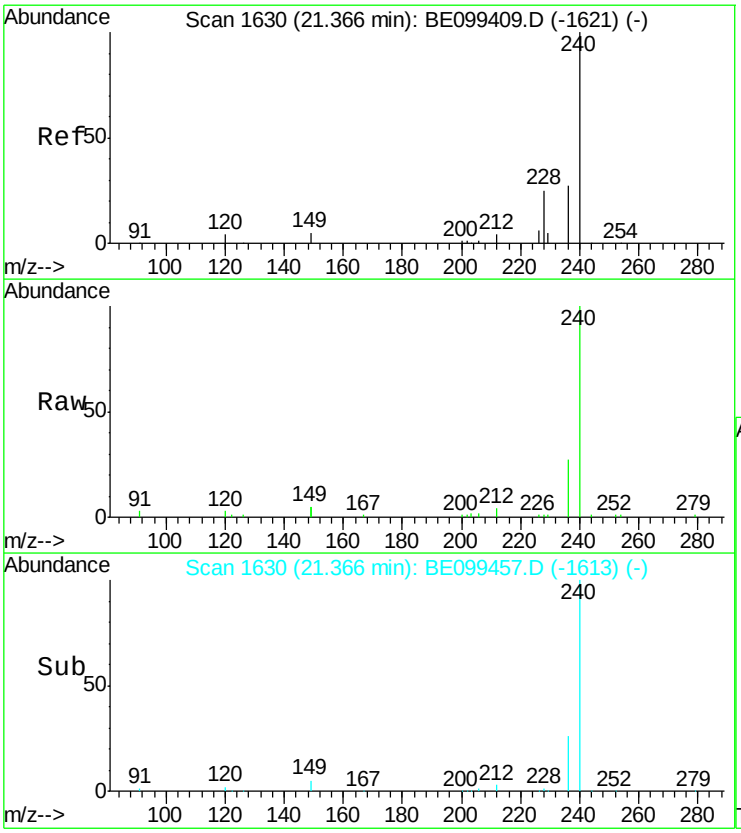
#25
Fluoranthene-d10
Concen: 0.328 ng
RT: 19.22 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BE099457.D
Acq: 1 May 2019 10:53

Instrument :
BNA_E
ClientSampleId :
PB119270BL

Tgt Ion:212 Resp: 74583

Ion	Ratio	Lower	Upper
212	100		
106	1.9	1.5	2.3
104	1.1	0.9	1.3

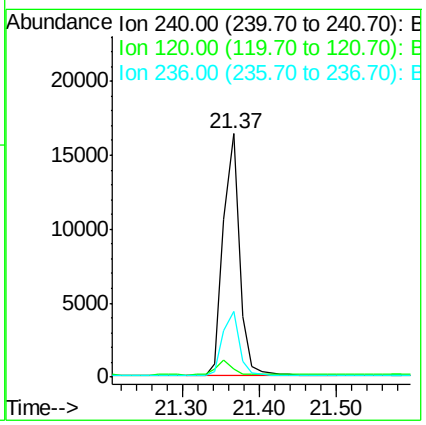


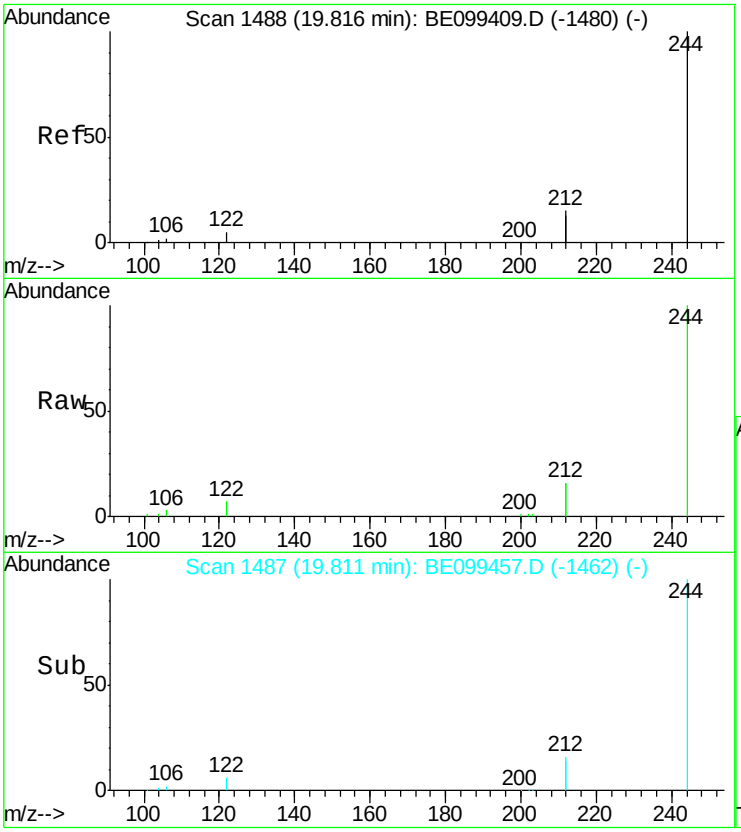


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099457.D
Acq: 1 May 2019 10:53

Tgt Ion:240 Resp: 24151

Ion	Ratio	Lower	Upper
240	100		
120	3.3	4.0	6.0#
236	26.9	22.0	33.0



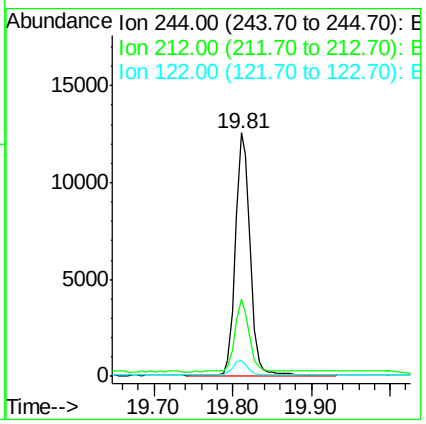


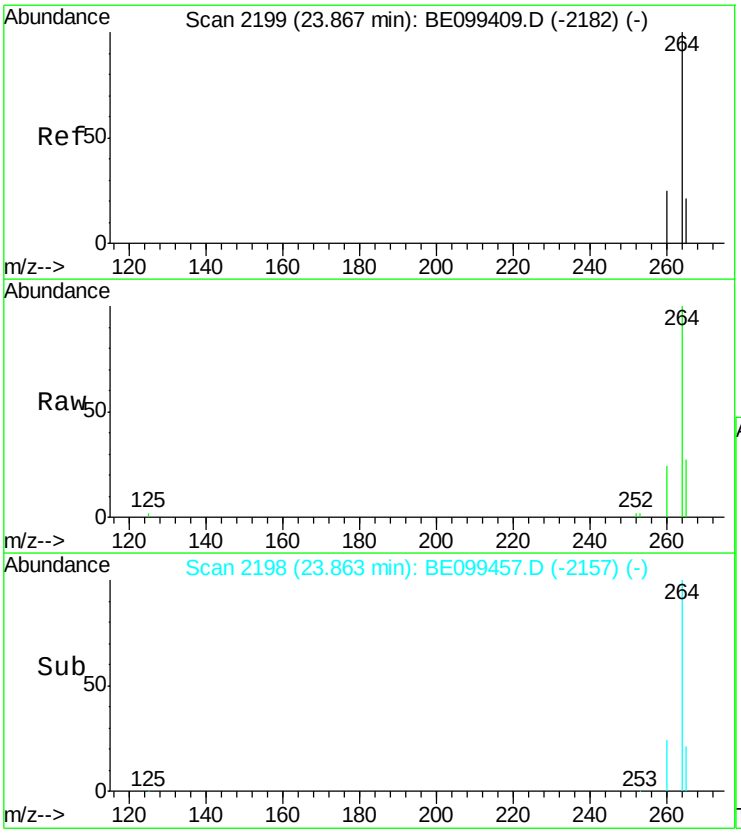
#29
Terphenyl-d14
Concen: 0.367 ng
RT: 19.81 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BE099457.D
Acq: 1 May 2019 10:53

Instrument :
BNA_E
ClientSampleId :
PB119270BL

Tgt Ion:244 Resp: 16246

Ion	Ratio	Lower	Upper
244	100		
212	31.6	23.2	34.8
122	6.7	4.2	6.4#





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BE099457.D
Acq: 1 May 2019 10:53

Tgt Ion:264 Resp: 28042

Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.2	30.2
265	27.2	21.3	31.9