Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100518\
Data File : BE097762.D
Acq On : 5 Oct 2018 19:30
Operator : SJ/JU
Sample : PB113508BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB113508BL

Quant Time: Oct 06 04:19:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 03 12:17:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	3352	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	12778	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	6152	0.40	ng	0.00
19) Phenanthrene-d10	17.30	188	14664	0.40	ng	0.00
27) Chrysene-d12	21.49	240	18166	0.40	ng	0.00
34) Perylene-d12	24.03	264	17944	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	2457	0.31	ng	0.00
5) Phenol-d6	7.05	99	3067	0.25	ng	0.00
8) Nitrobenzene-d5	9.06	82	2019	0.49	ng	0.01
11) 2-Methylnaphthalene-d10	12.29	152	5327	0.26	ng	0.00
14) 2,4,6-Tribromophenol	16.04	330	308	0.28	ng	0.00
15) 2-Fluorobiphenyl	13.19	172	8037	0.30	ng	0.00
25) Fluoranthene-d10	19.33	212	50456	0.27	ng	0.00
29) Terphenyl-d14	19.93	244	8965	0.24	ng	0.00
Target Compounds						Qvalue

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

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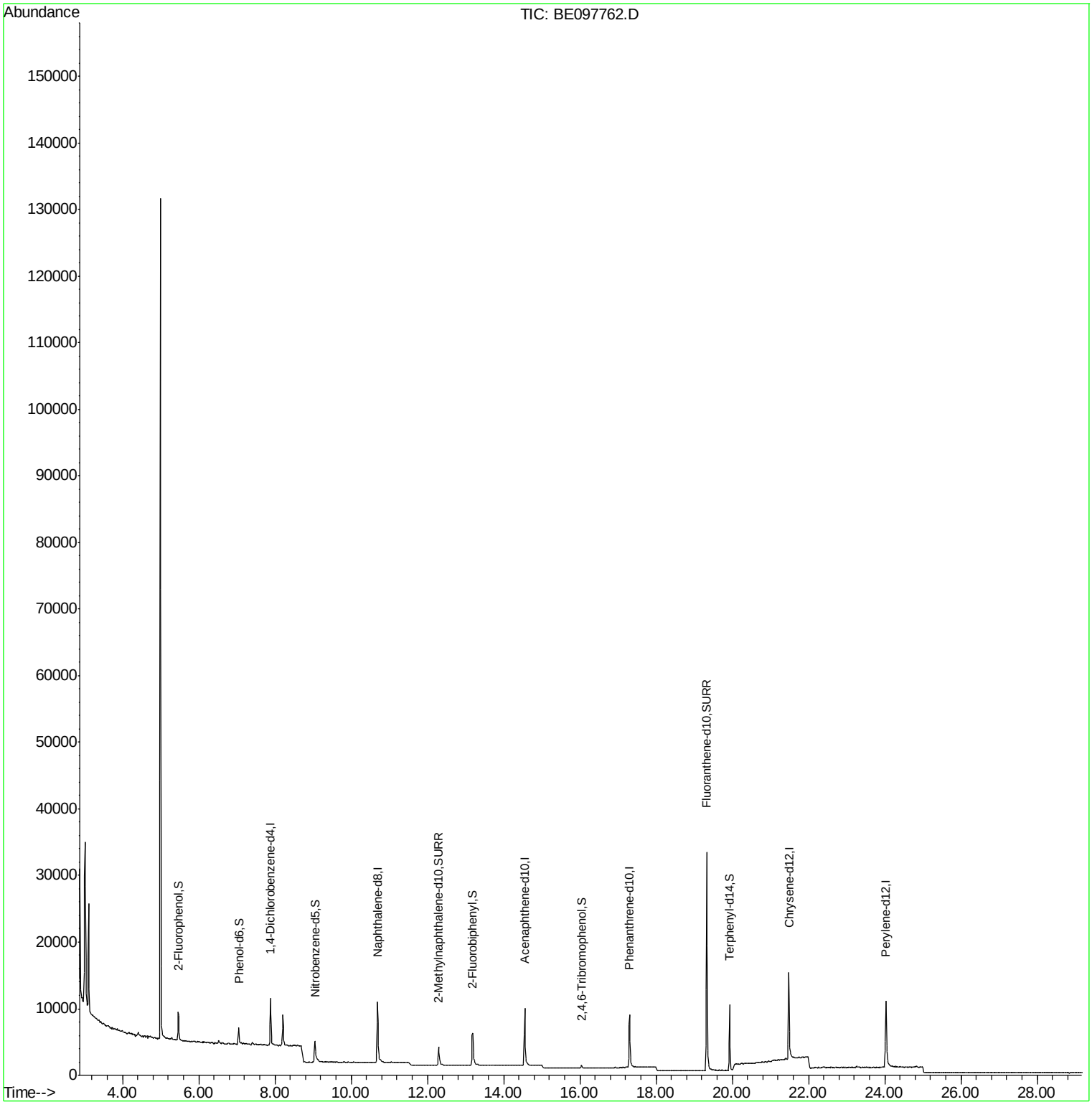
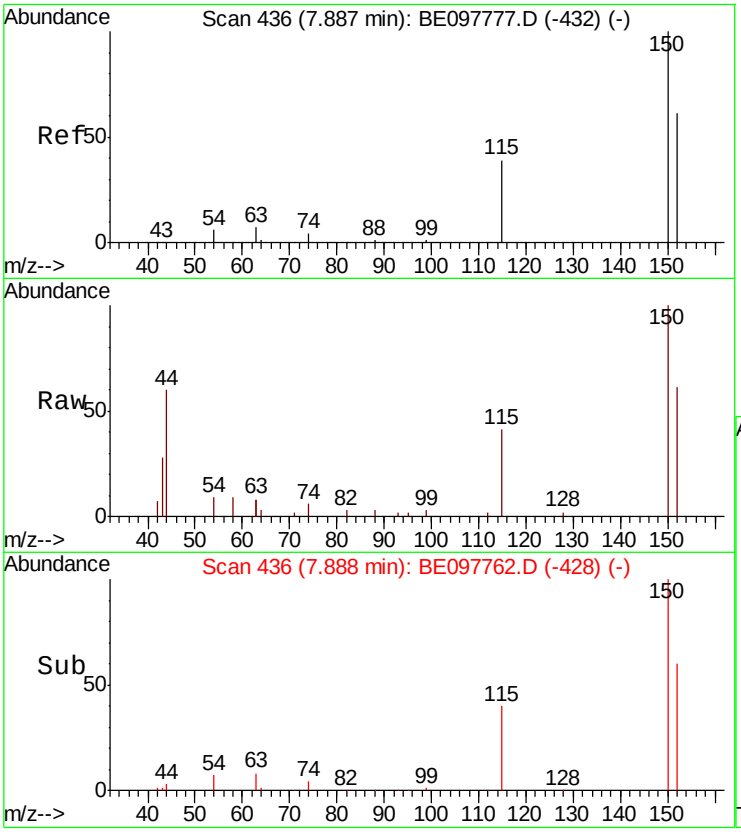


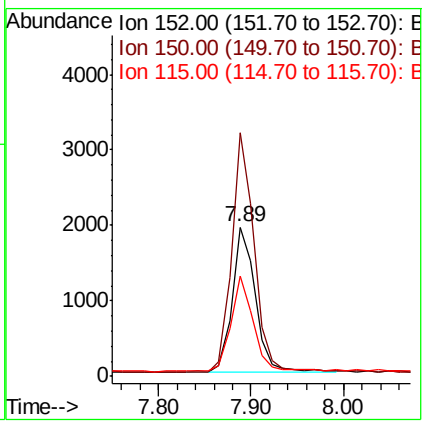


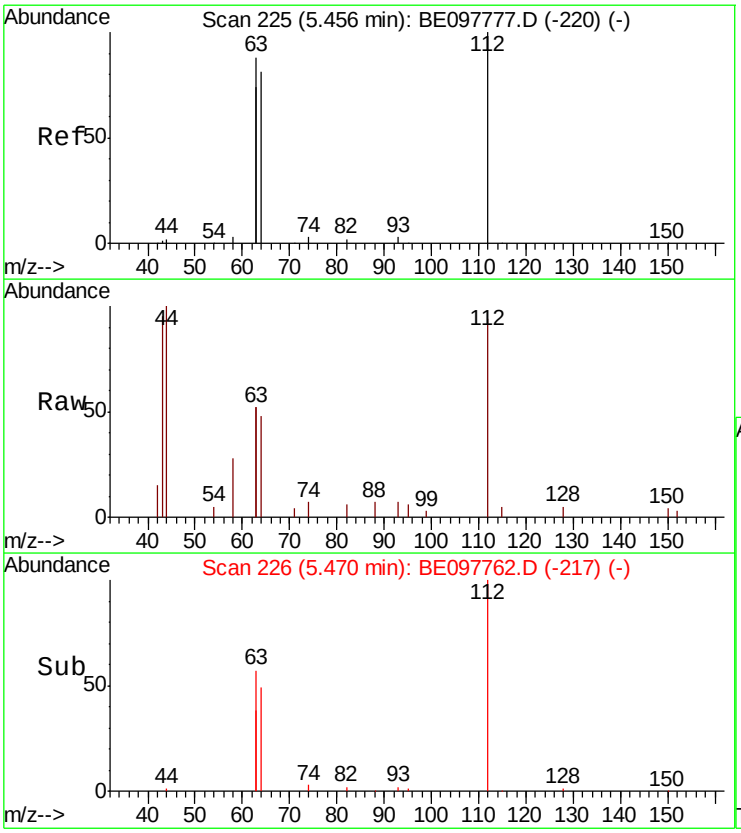
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.89 min Scan# 436
Delta R.T. -0.01 min
Lab File: BE097762.D
Acq: 5 Oct 2018 19:30

Instrument :
BNA_E
ClientSampleId :
PB113508BL

Tgt Ion:152 Resp: 3352

Ion	Ratio	Lower	Upper
152	100		
150	163.2	120.9	181.3
115	67.1	46.6	69.8

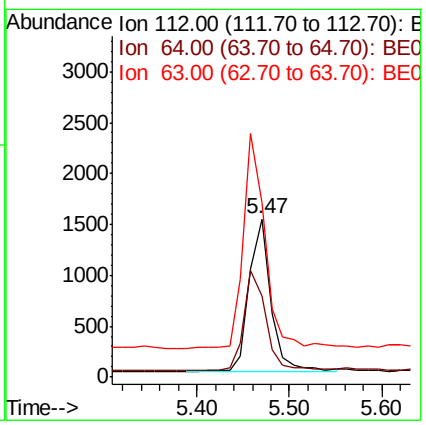


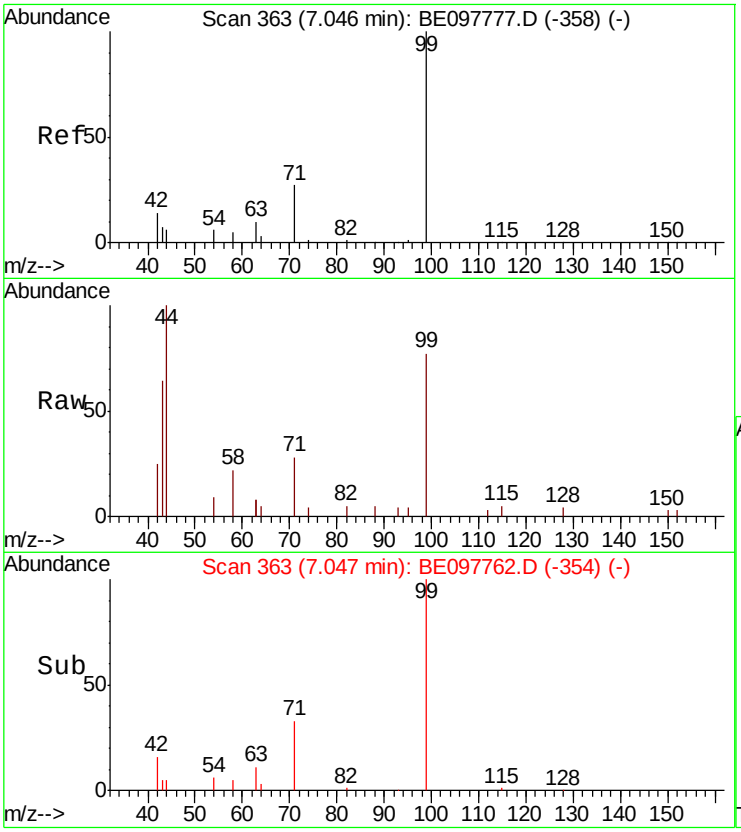


#4
2-Fluorophenol
Concen: 0.310 ng
RT: 5.47 min Scan# 226
Delta R.T. 0.00 min
Lab File: BE097762.D
Acq: 5 Oct 2018 19:30

Tgt Ion:112 Resp: 2457

Ion	Ratio	Lower	Upper
112	100		
64	69.9	56.6	84.8
63	141.8	119.4	179.0



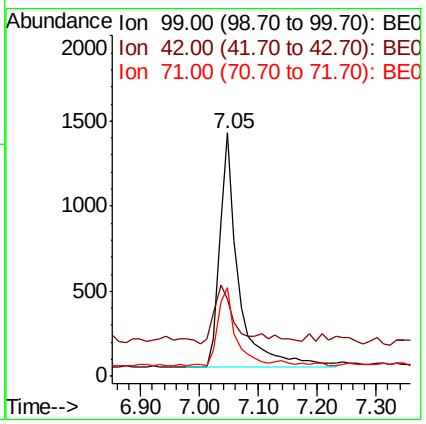


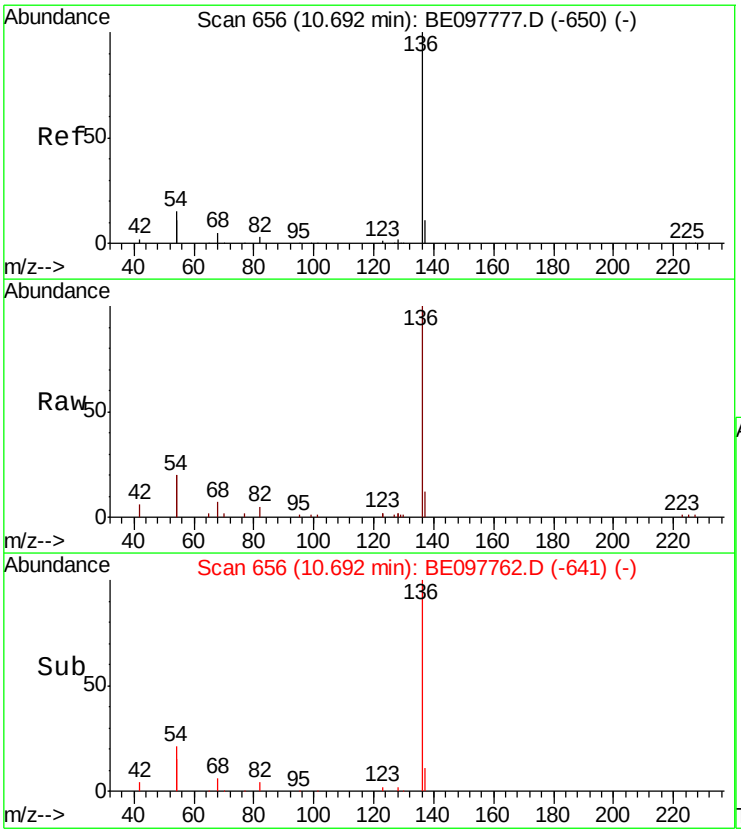
#5
Phenol-d6
Concen: 0.252 ng
RT: 7.05 min Scan# 363
Delta R.T. 0.00 min
Lab File: BE097762.D
Acq: 5 Oct 2018 19:30

Instrument :
BNA_E
ClientSampleId :
PB113508BL

Tgt Ion: 99 Resp: 3067

Ion	Ratio	Lower	Upper
99	100		
42	24.7	19.9	29.9
71	31.6	25.4	38.2

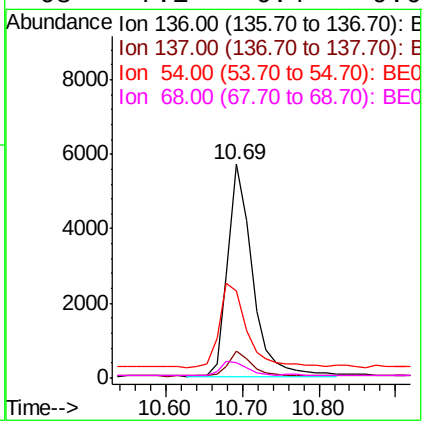


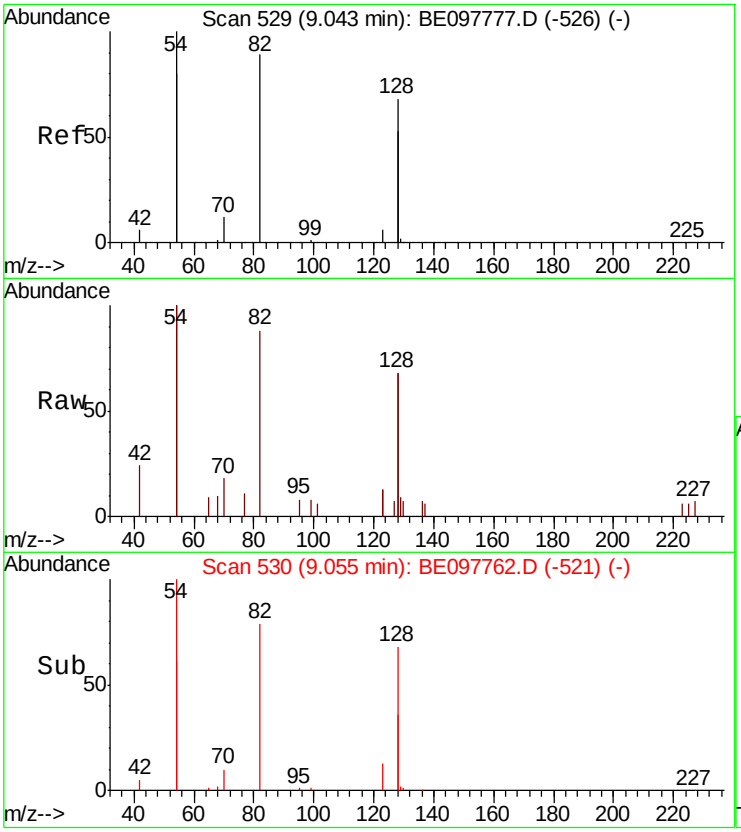


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE097762.D
Acq: 5 Oct 2018 19:30

Tgt Ion:136 Resp: 12778

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.0	13.4
54	40.7	37.8	56.6
68	7.1	6.4	9.6



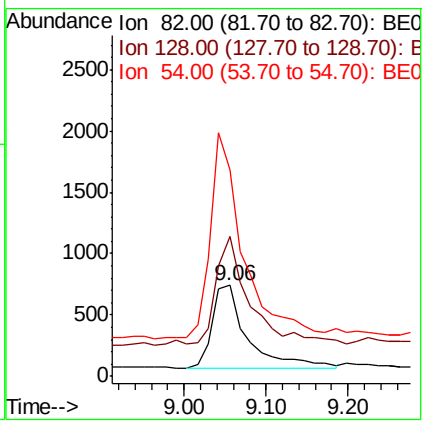


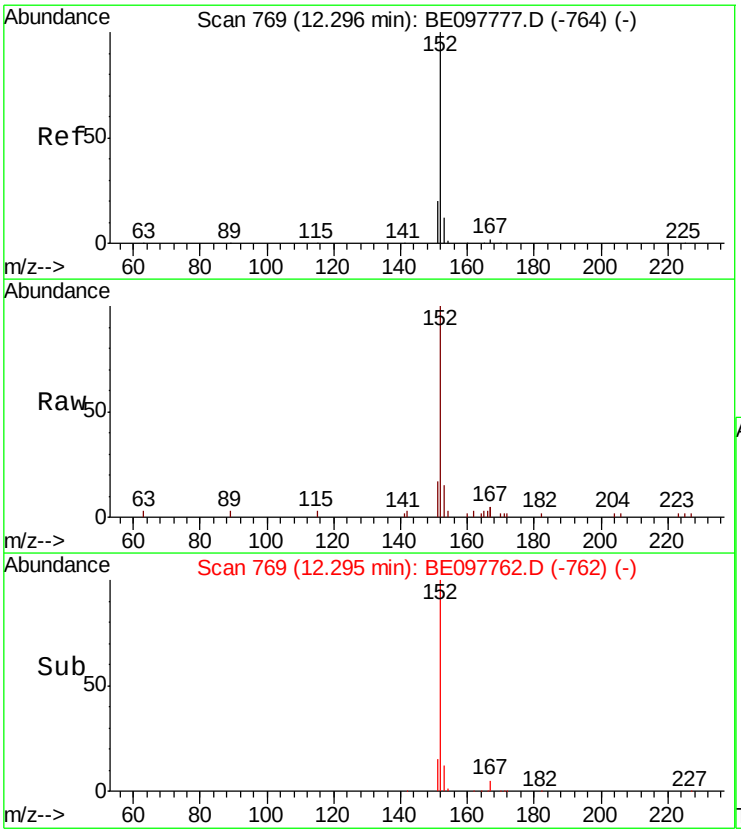
#8
Nitrobenzene-d5
Concen: 0.487 ng
RT: 9.06 min Scan# 530
Delta R.T. 0.01 min
Lab File: BE097762.D
Acq: 5 Oct 2018 19:30

Instrument :
BNA_E
ClientSampleId :
PB113508BL

Tgt Ion: 82 Resp: 2019

Ion	Ratio	Lower	Upper
82	100		
128	152.9	97.0	145.4#
54	226.4	206.9	310.3

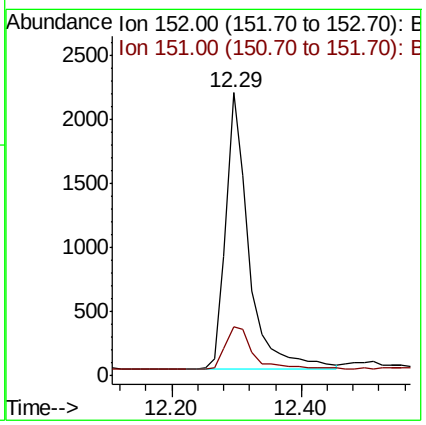


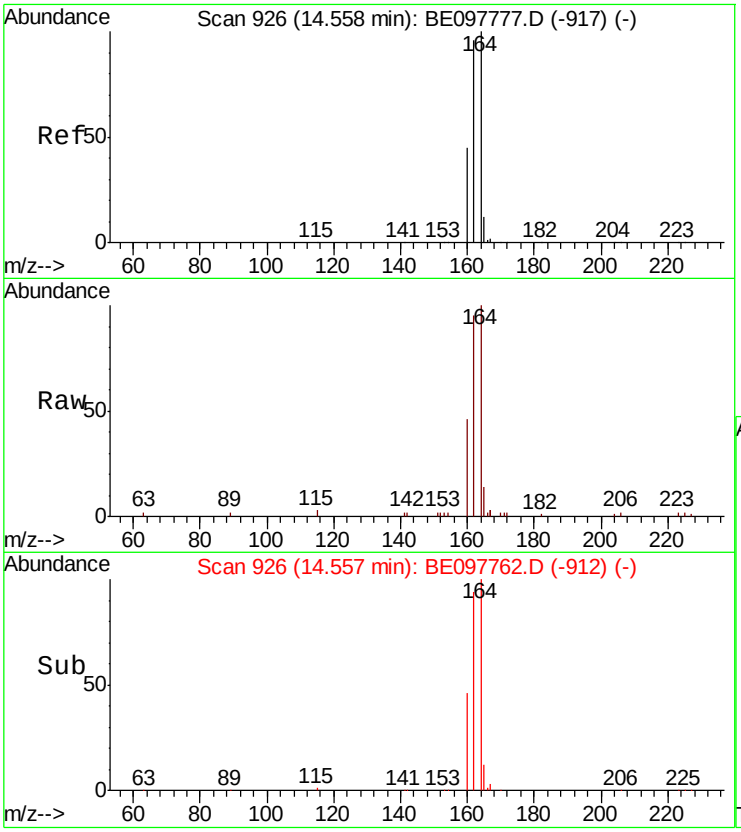


#11
2-Methylnaphthalene-d10
Concen: 0.262 ng
RT: 12.29 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE097762.D
Acq: 5 Oct 2018 19:30

Tgt Ion:152 Resp: 5327

Ion	Ratio	Lower	Upper
152	100		
151	18.4	15.4	23.2



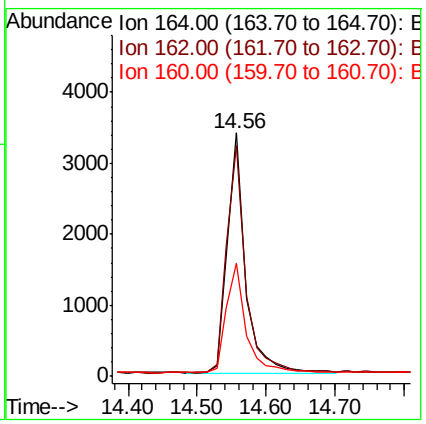


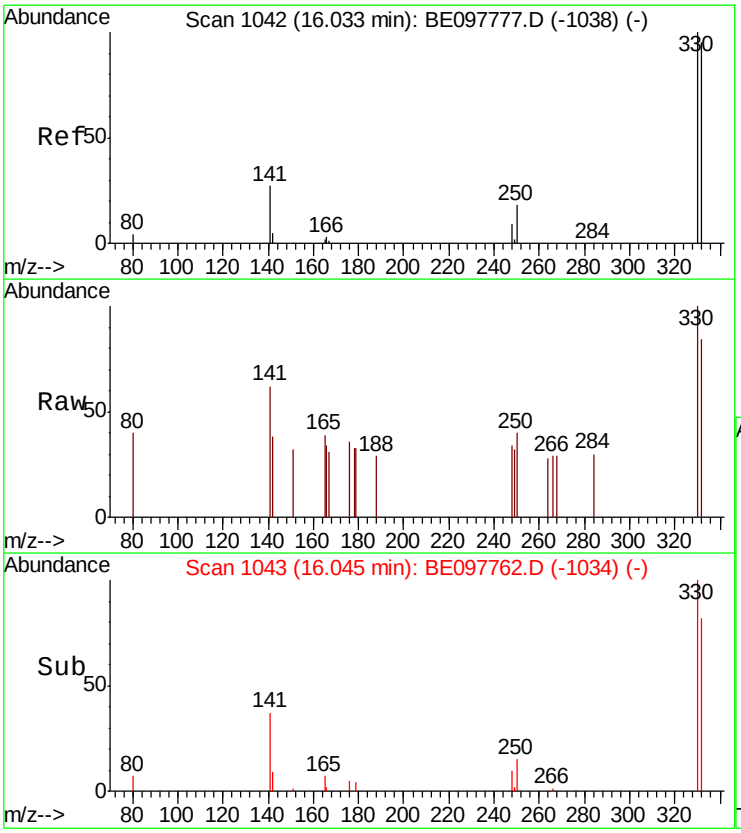
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE097762.D
Acq: 5 Oct 2018 19:30

Instrument :
BNA_E
ClientSampleId :
PB113508BL

Tgt Ion:164 Resp: 6152

Ion	Ratio	Lower	Upper
164	100		
162	94.6	78.6	117.8
160	46.5	37.8	56.6

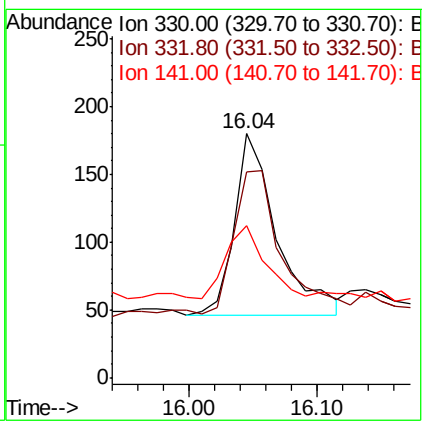


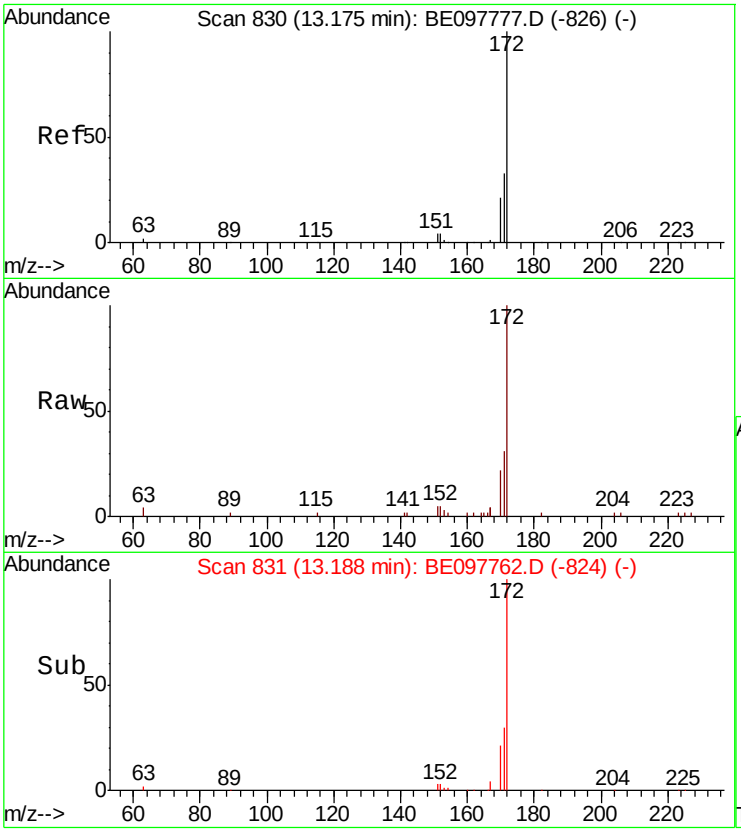


#14
2,4,6-Tribromophenol
Concen: 0.276 ng
RT: 16.04 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BE097762.D
Acq: 5 Oct 2018 19:30

Tgt Ion:330 Resp: 308

Ion	Ratio	Lower	Upper
330	100		
332	88.6	83.5	125.3
141	38.0	34.9	52.3



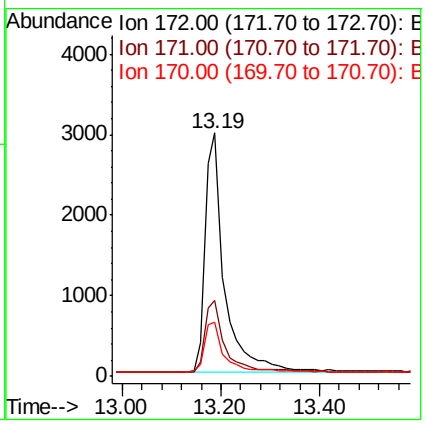


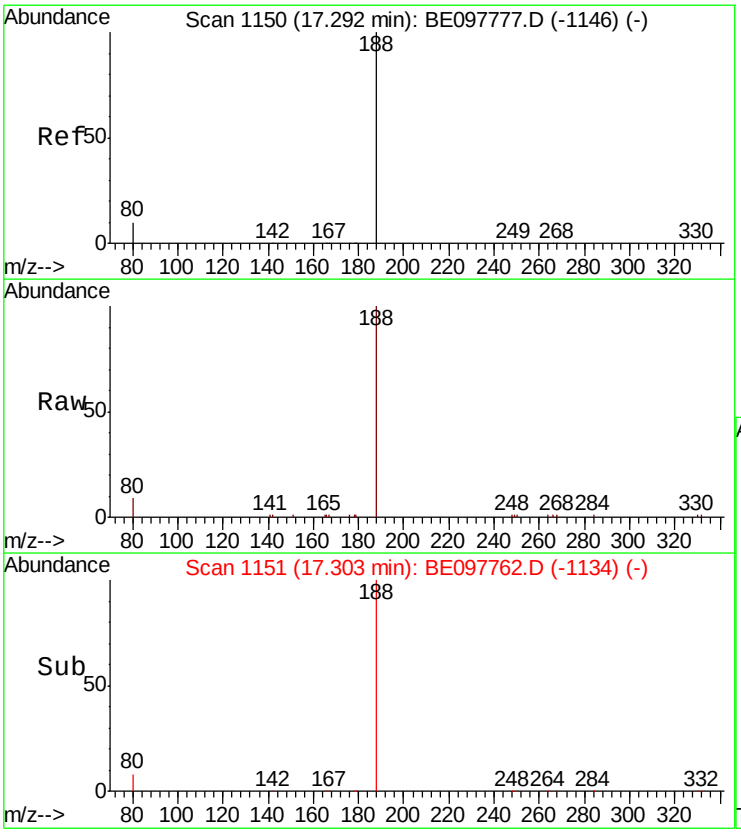
#15
2-Fluorobiphenyl
Concen: 0.297 ng
RT: 13.19 min Scan# 831
Delta R.T. -0.00 min
Lab File: BE097762.D
Acq: 5 Oct 2018 19:30

Instrument :
BNA_E
ClientSampleId :
PB113508BL

Tgt Ion:172 Resp: 8037

Ion	Ratio	Lower	Upper
172	100		
171	31.1	25.2	37.8
170	22.5	16.2	24.2

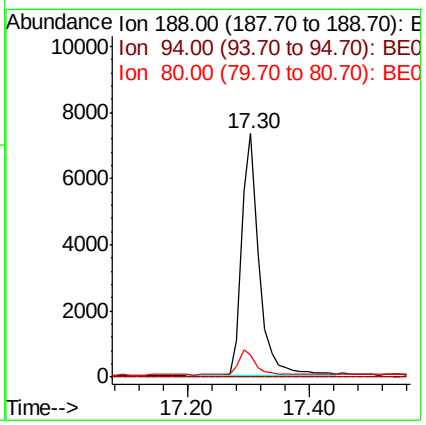


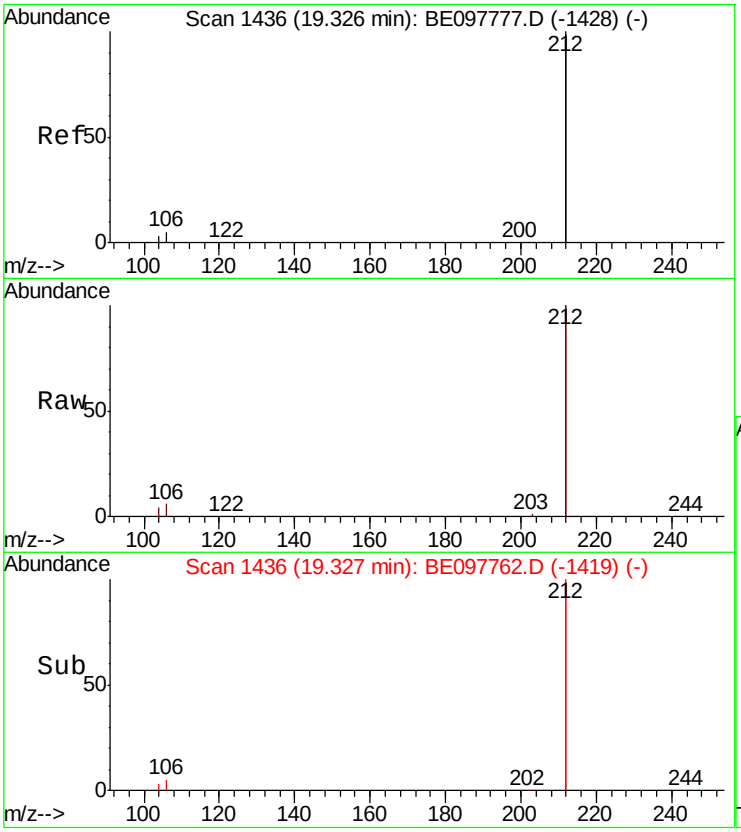


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.30 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BE097762.D
Acq: 5 Oct 2018 19:30

Tgt Ion:188 Resp: 14664

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.0	6.6	9.8



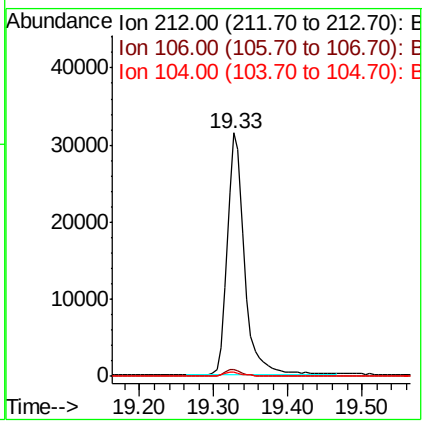


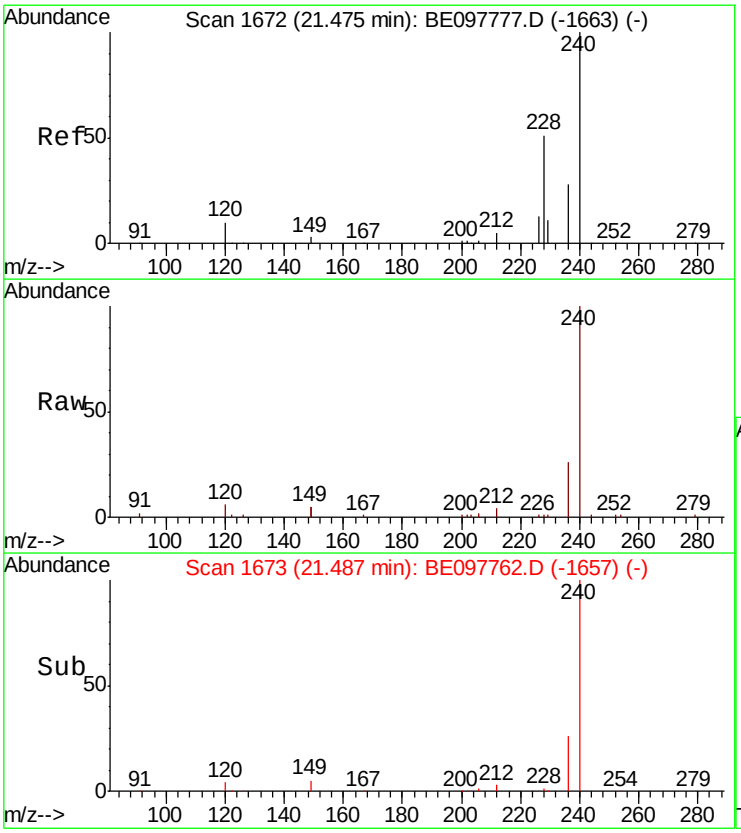
#25
Fluoranthene-d10
Concen: 0.272 ng
RT: 19.33 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BE097762.D
Acq: 5 Oct 2018 19:30

Instrument :
BNA_E
ClientSampleId :
PB113508BL

Tgt Ion:212 Resp: 50456

Ion	Ratio	Lower	Upper
212	100		
106	2.7	2.2	3.2
104	1.5	1.2	1.8

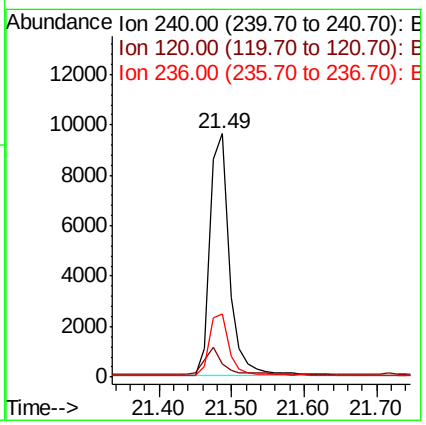


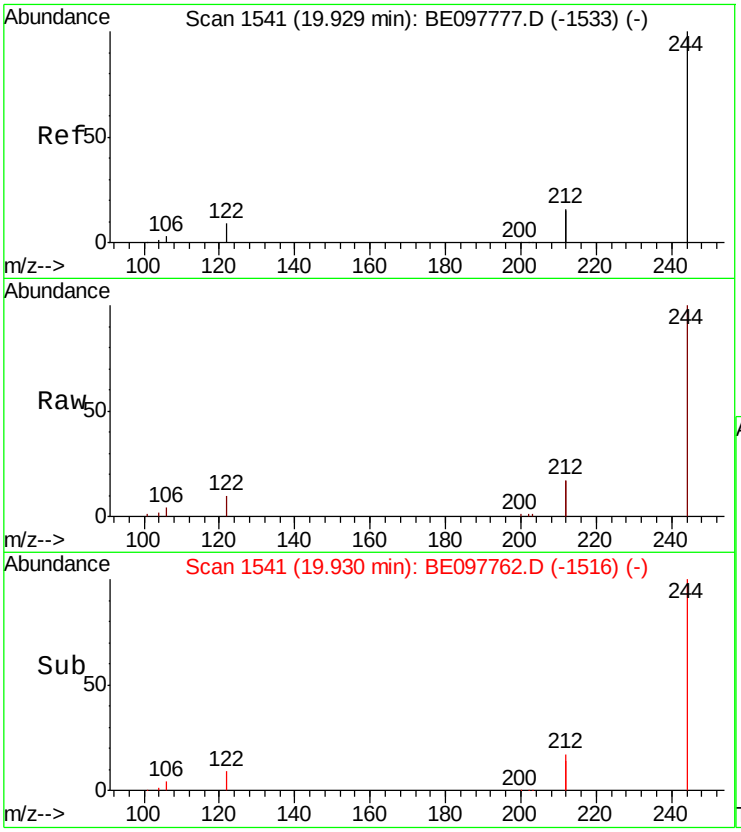


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.49 min Scan# 1673
Delta R.T. -0.00 min
Lab File: BE097762.D
Acq: 5 Oct 2018 19:30

Tgt Ion:240 Resp: 18166

Ion	Ratio	Lower	Upper
240	100		
120	5.6	4.7	7.1
236	26.2	20.8	31.2



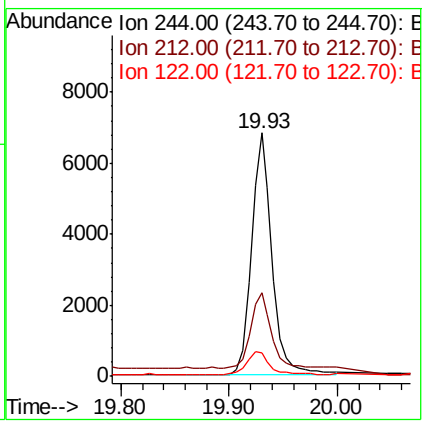


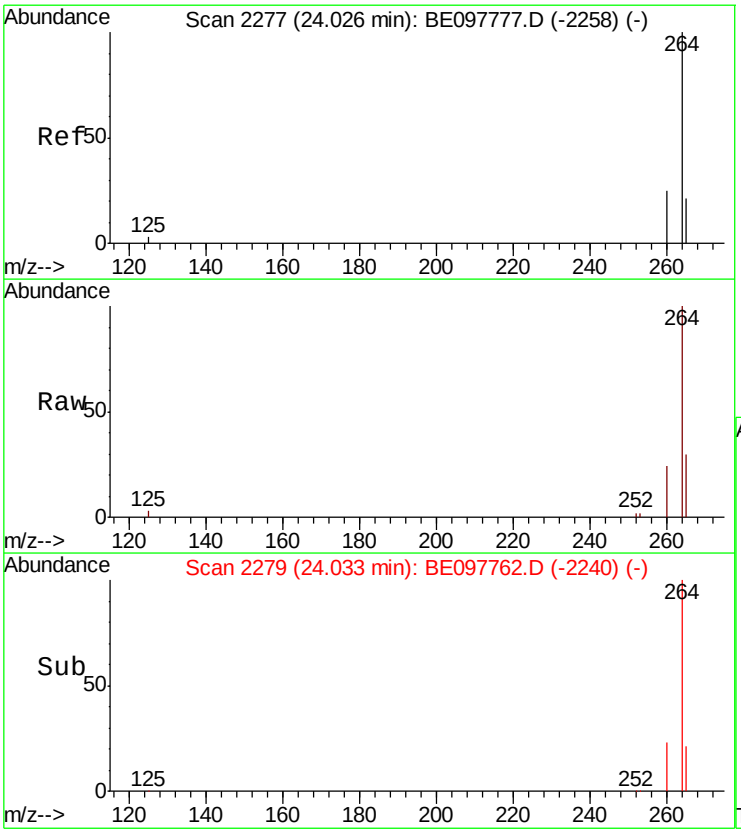
#29
Terphenyl-d14
Concen: 0.242 ng
RT: 19.93 min Scan# 1541
Delta R.T. -0.01 min
Lab File: BE097762.D
Acq: 5 Oct 2018 19:30

Instrument :
BNA_E
ClientSampleId :
PB113508BL

Tgt Ion:244 Resp: 8965

Ion	Ratio	Lower	Upper
244	100		
212	34.5	25.8	38.8
122	9.8	8.7	13.1





#34
Perylene-d12
Concen: 0.400 ng
RT: 24.03 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BE097762.D
Acq: 5 Oct 2018 19:30

Tgt Ion:264 Resp: 17944

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	30.3	21.9	32.9