Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121218\
Data File : BE098388.D
Acq On : 13 Dec 2018 9:32
Operator : SJ/JU
Sample : PB115545BL
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB115545BL

Quant Time: Dec 13 10:47:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1067	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4377	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2686	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	7298	0.40	ng	0.00
27) Chrysene-d12	21.46	240	8921	0.40	ng	0.00
34) Perylene-d12	24.00	264	8368	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	1056	0.42	ng	0.01
5) Phenol-d6	7.06	99	1160	0.33	ng	0.01
8) Nitrobenzene-d5	9.05	82	984	0.25	ng	0.04
11) 2-Methylnaphthalene-d10	12.28	152	2110	0.30	ng	0.01
14) 2,4,6-Tribromophenol	16.04	330	259	0.26	ng	0.02
15) 2-Fluorobiphenyl	13.16	172	2952	0.26	ng	0.01
25) Fluoranthene-d10	19.31	212	29789	0.32	ng	0.00
29) Terphenyl-d14	19.91	244	4832	0.22	ng	0.00
Target Compounds						Qvalue

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

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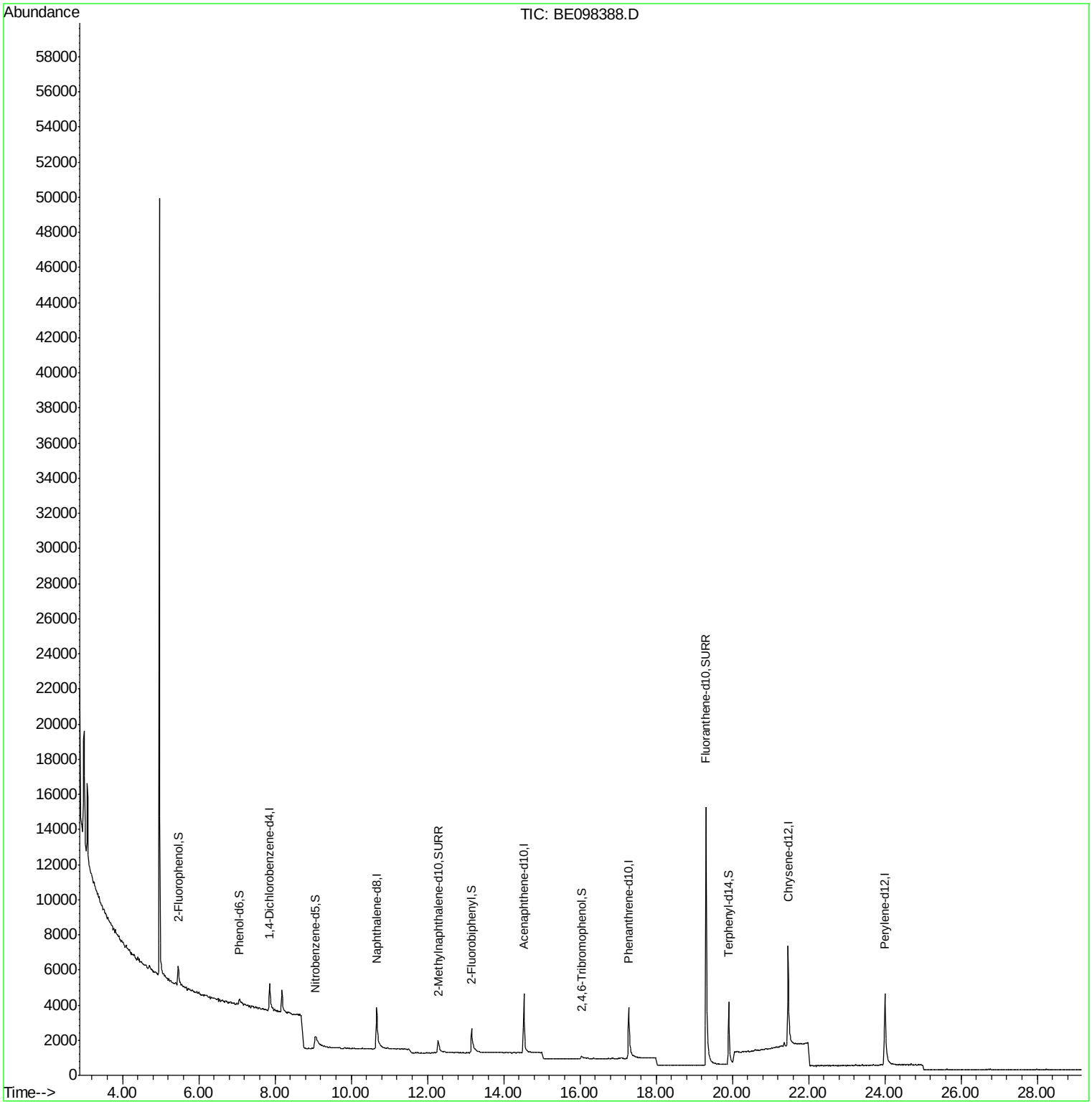
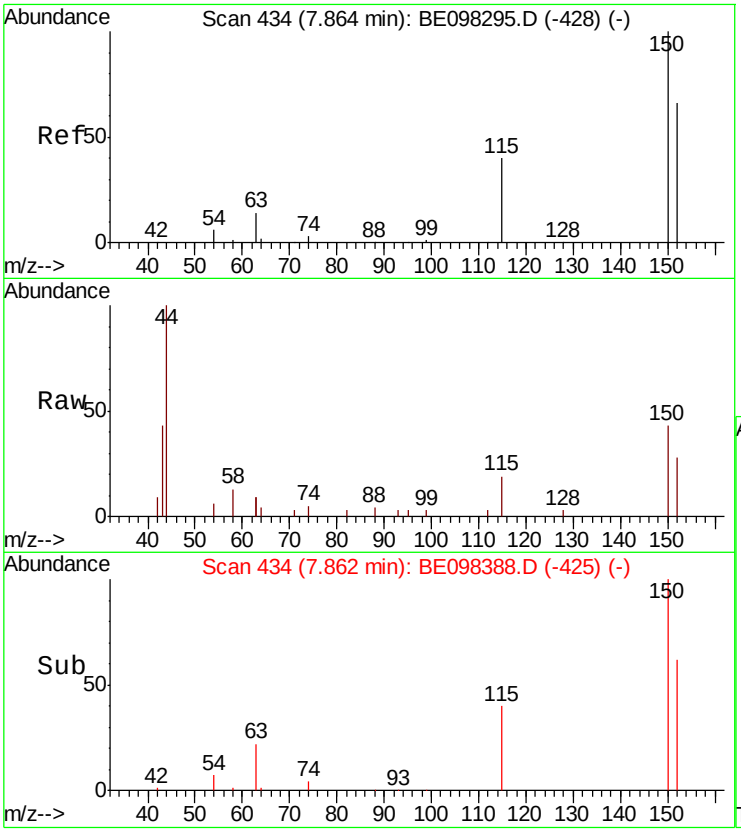


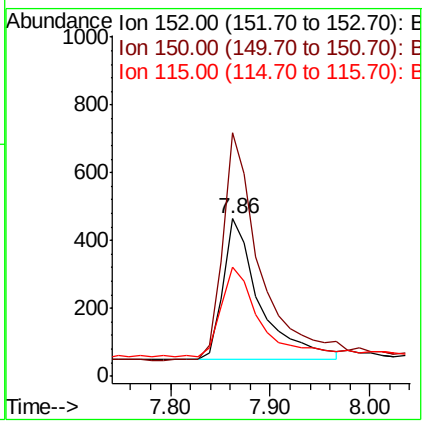


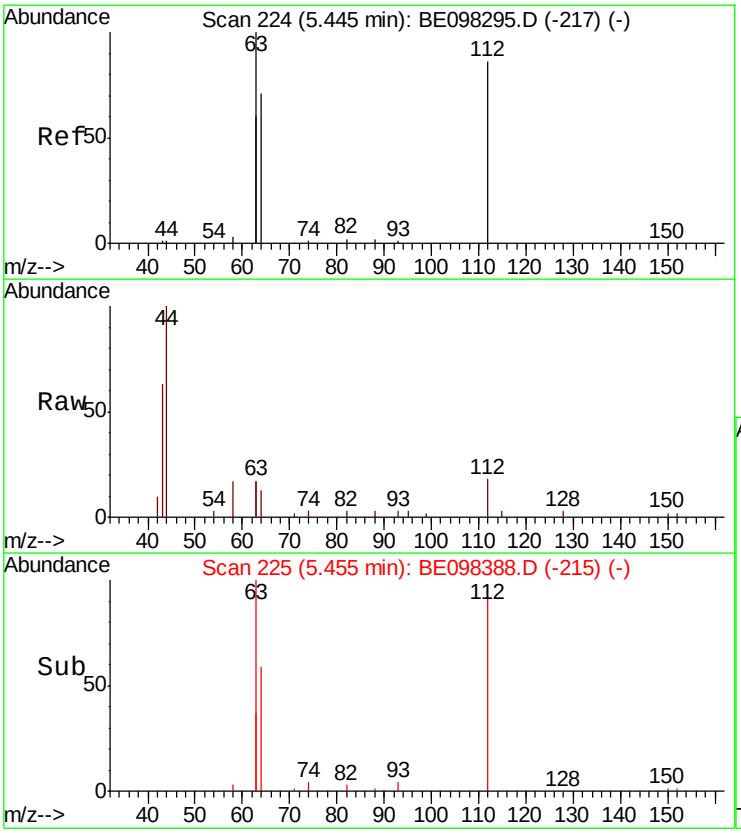
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098388.D
Acq: 13 Dec 2018 9:32

Instrument :
BNA_E
ClientSampleId :
PB115545BL

Tgt Ion:152 Resp: 1067

Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.2	186.4
115	69.2	53.9	80.9

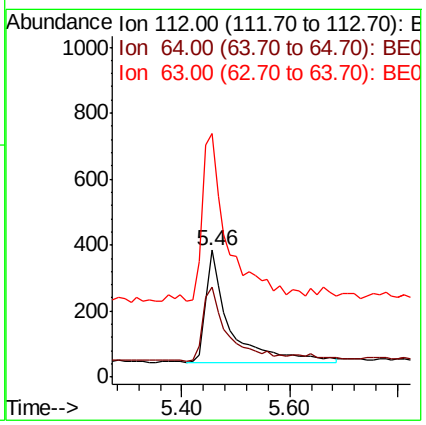


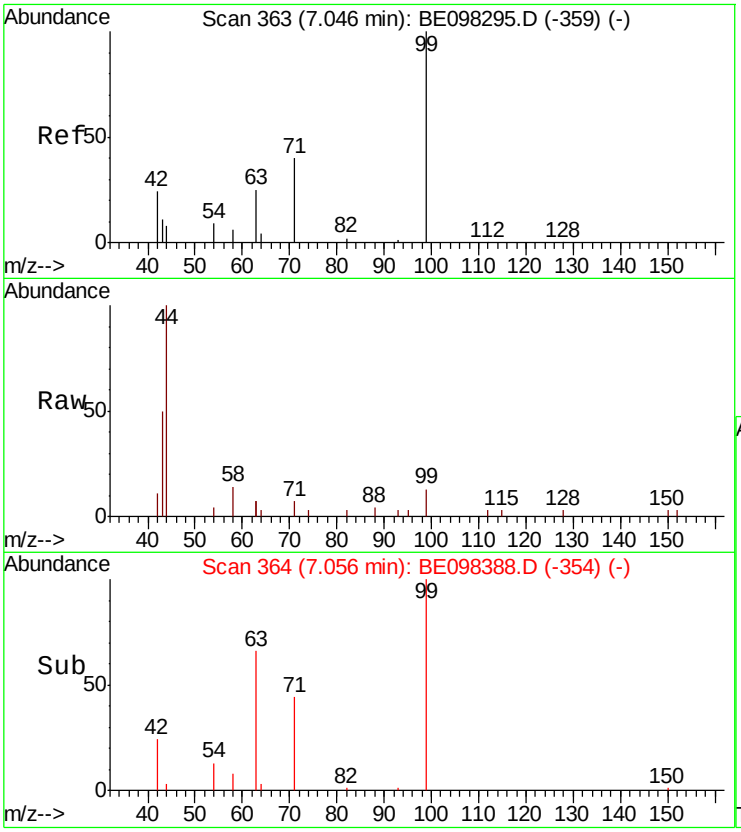


#4
2-Fluorophenol
Concen: 0.423 ng
RT: 5.46 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE098388.D
Acq: 13 Dec 2018 9:32

Tgt Ion:112 Resp: 1056

Ion	Ratio	Lower	Upper
112	100		
64	68.1	59.8	89.8
63	158.7	133.7	200.5



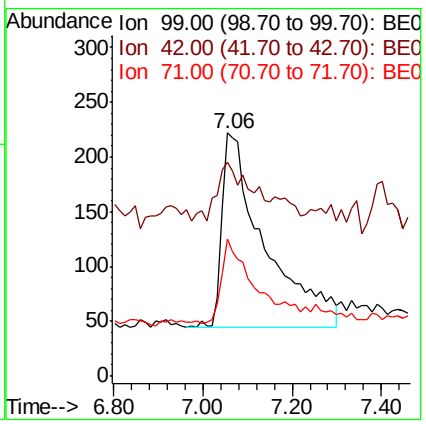


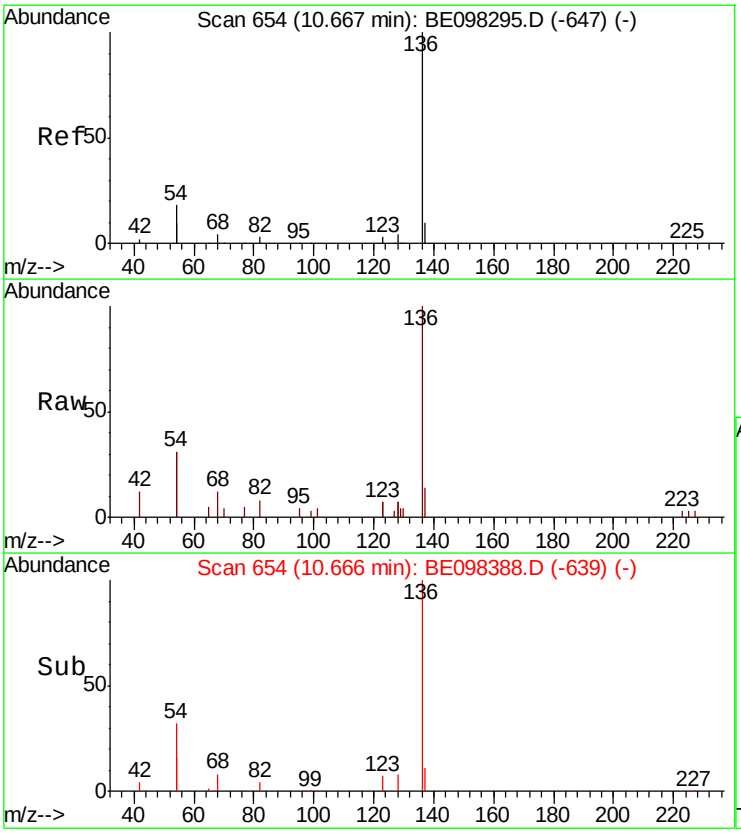
#5
Phenol-d6
Concen: 0.328 ng
RT: 7.06 min Scan# 364
Delta R.T. 0.01 min
Lab File: BE098388.D
Acq: 13 Dec 2018 9:32

Instrument :
BNA_E
ClientSampleId :
PB115545BL

Tgt Ion: 99 Resp: 1160

Ion	Ratio	Lower	Upper
99	100		
42	24.6	26.3	39.5#
71	30.6	33.6	50.4#

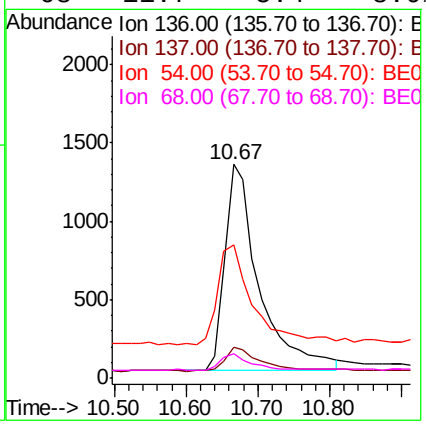


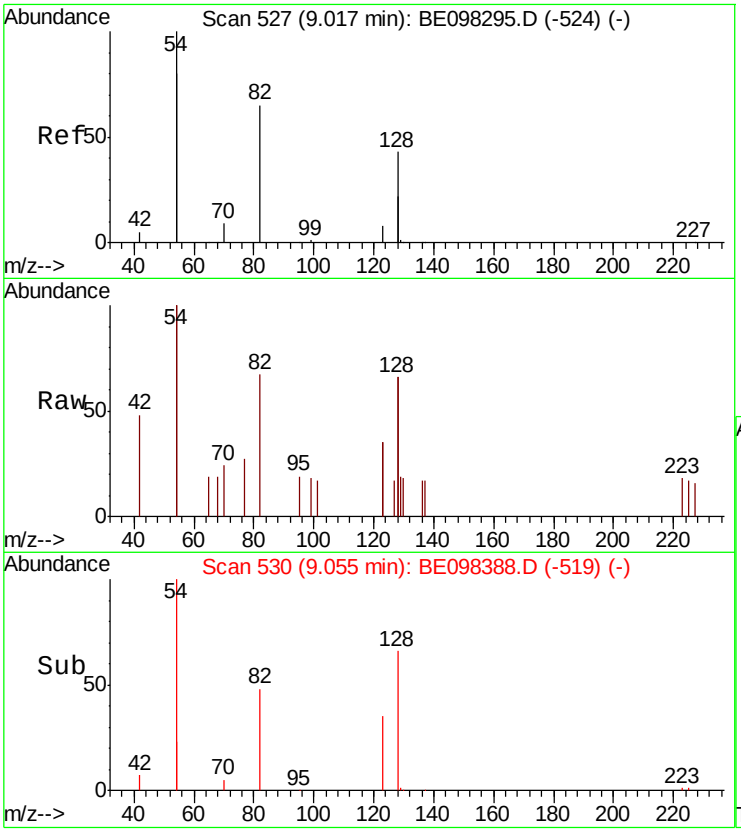


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.00 min
Lab File: BE098388.D
Acq: 13 Dec 2018 9:32

Tgt Ion:136 Resp: 4377

Ion	Ratio	Lower	Upper
136	100		
137	14.1	9.2	13.8#
54	62.6	28.4	42.6#
68	11.7	5.4	8.0#



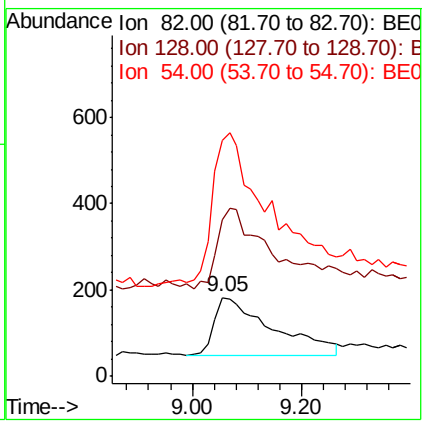


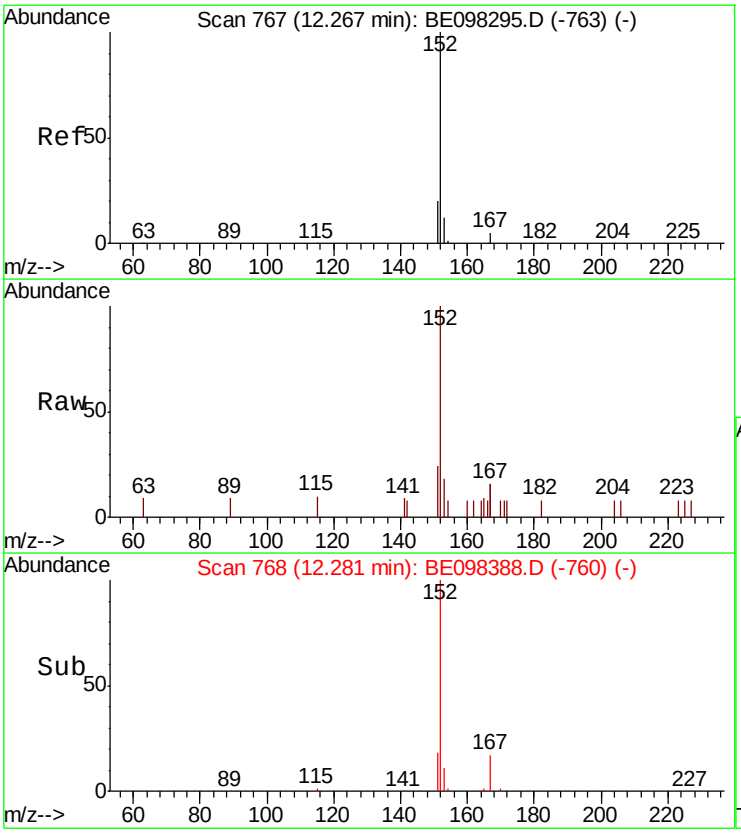
#8
Nitrobenzene-d5
Concen: 0.247 ng
RT: 9.05 min Scan# 530
Delta R.T. 0.04 min
Lab File: BE098388.D
Acq: 13 Dec 2018 9:32

Instrument :
BNA_E
ClientSampleId :
PB115545BL

Tgt Ion: 82 Resp: 984

Ion	Ratio	Lower	Upper
82	100		
128	198.9	102.4	153.6#
54	300.0	221.8	332.8

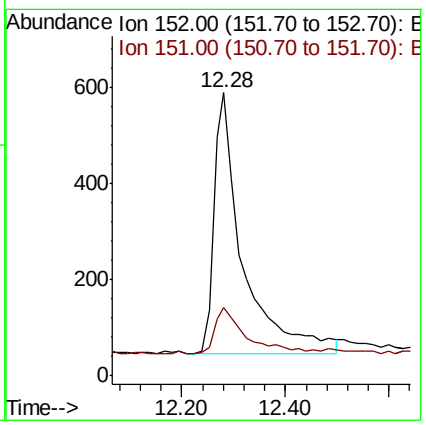


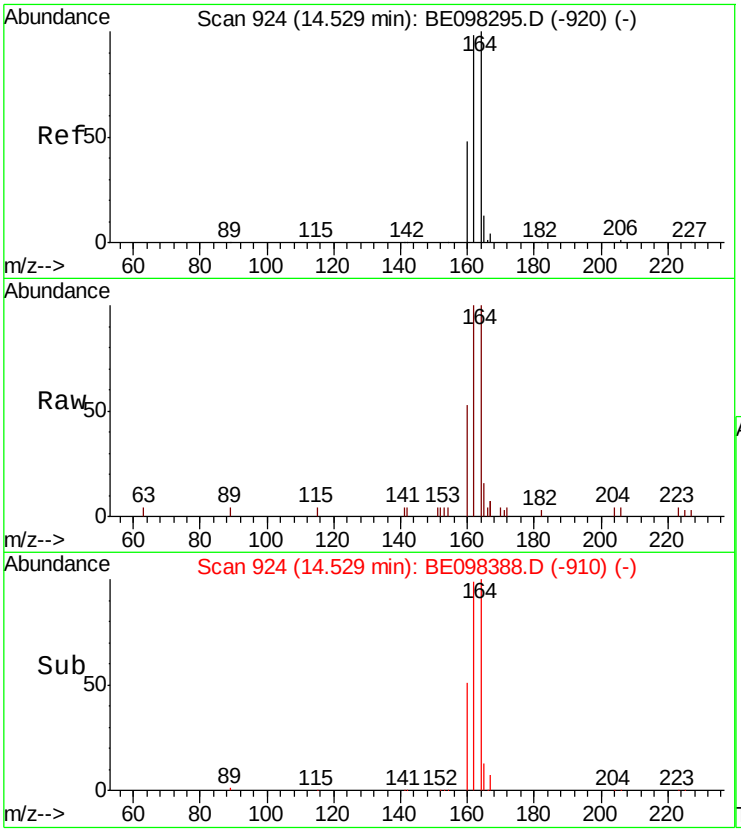


#11
2-Methylnaphthalene-d10
Concen: 0.296 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.01 min
Lab File: BE098388.D
Acq: 13 Dec 2018 9:32

Tgt Ion:152 Resp: 2110

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.2	24.4



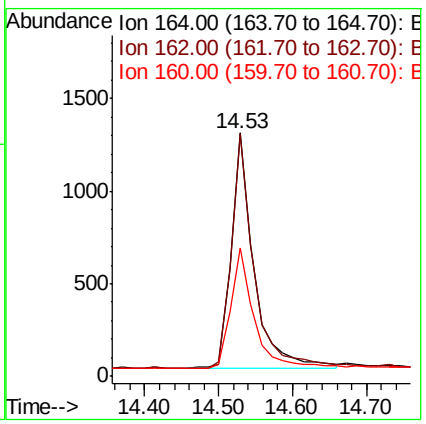


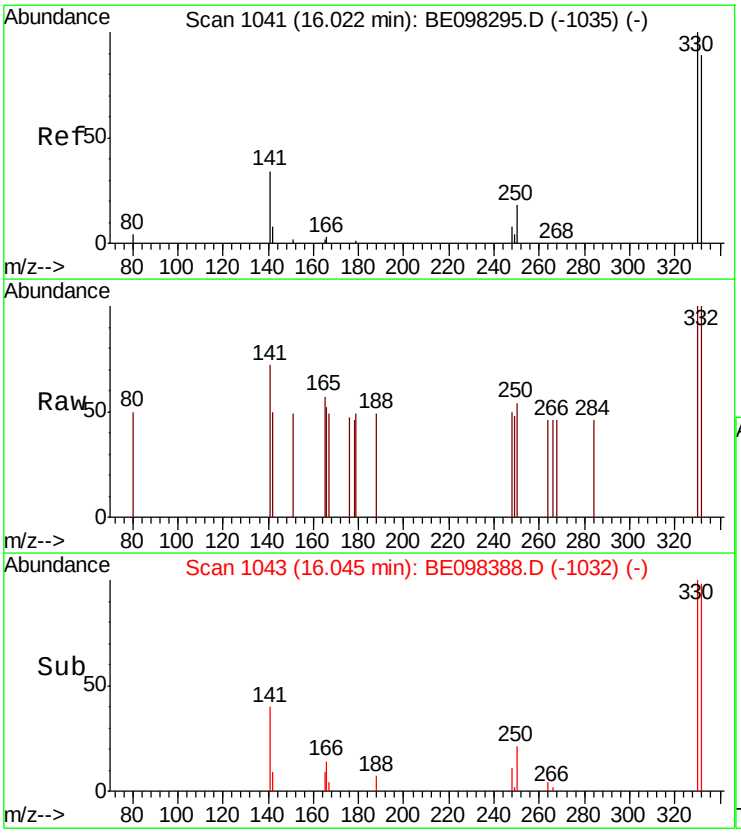
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE098388.D
Acq: 13 Dec 2018 9:32

Instrument :
BNA_E
ClientSampleId :
PB115545BL

Tgt Ion:164 Resp: 2686

Ion	Ratio	Lower	Upper
164	100		
162	99.6	77.6	116.4
160	52.6	36.0	54.0

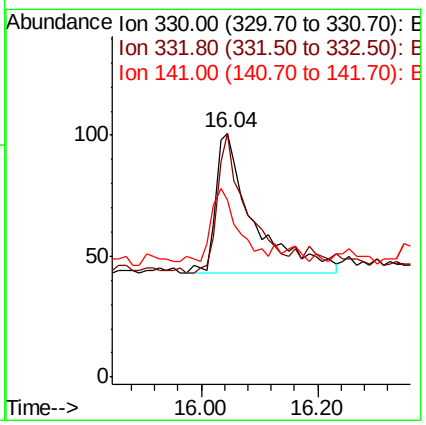


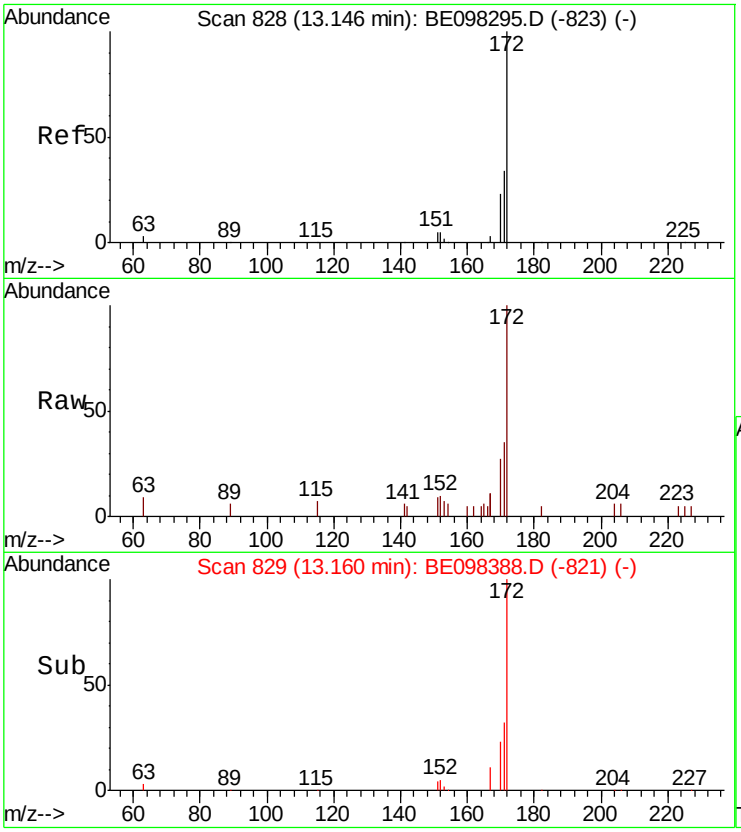


#14
2,4,6-Tribromophenol
Concen: 0.263 ng
RT: 16.04 min Scan# 1043
Delta R.T. 0.02 min
Lab File: BE098388.D
Acq: 13 Dec 2018 9:32

Tgt Ion:330 Resp: 259

Ion	Ratio	Lower	Upper
330	100		
332	80.3	76.2	114.4
141	36.3	39.0	58.4#



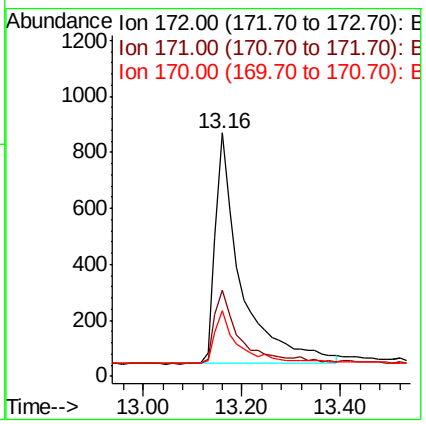


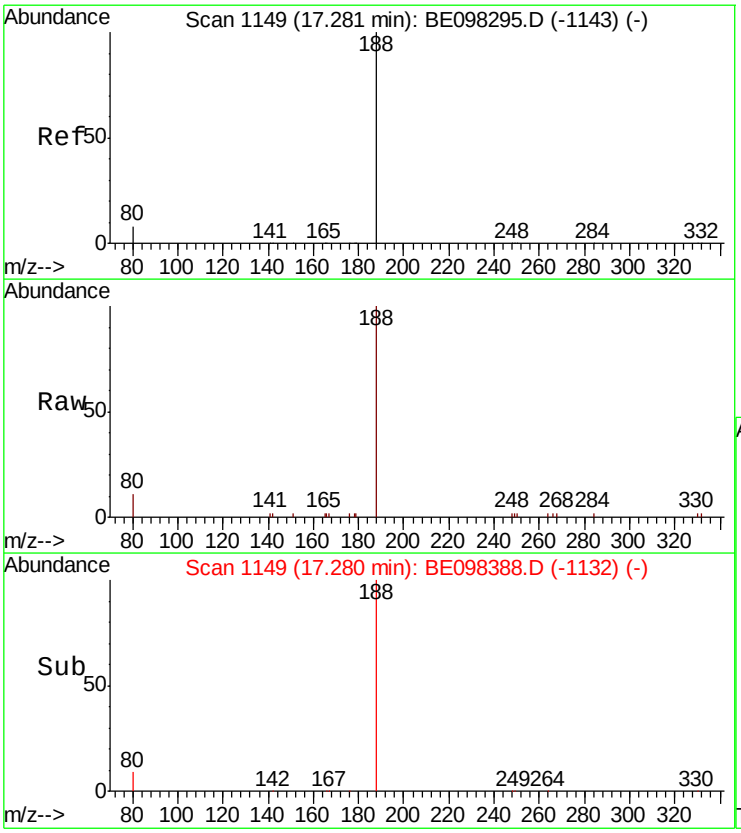
#15
2-Fluorobiphenyl
Concen: 0.261 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.01 min
Lab File: BE098388.D
Acq: 13 Dec 2018 9:32

Instrument :
BNA_E
ClientSampleId :
PB115545BL

Tgt Ion:172 Resp: 2952

Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.5	41.3
170	27.0	19.6	29.4

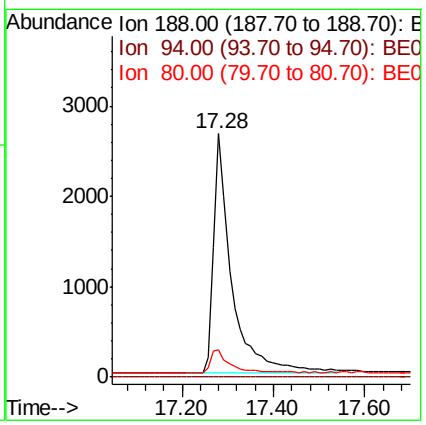


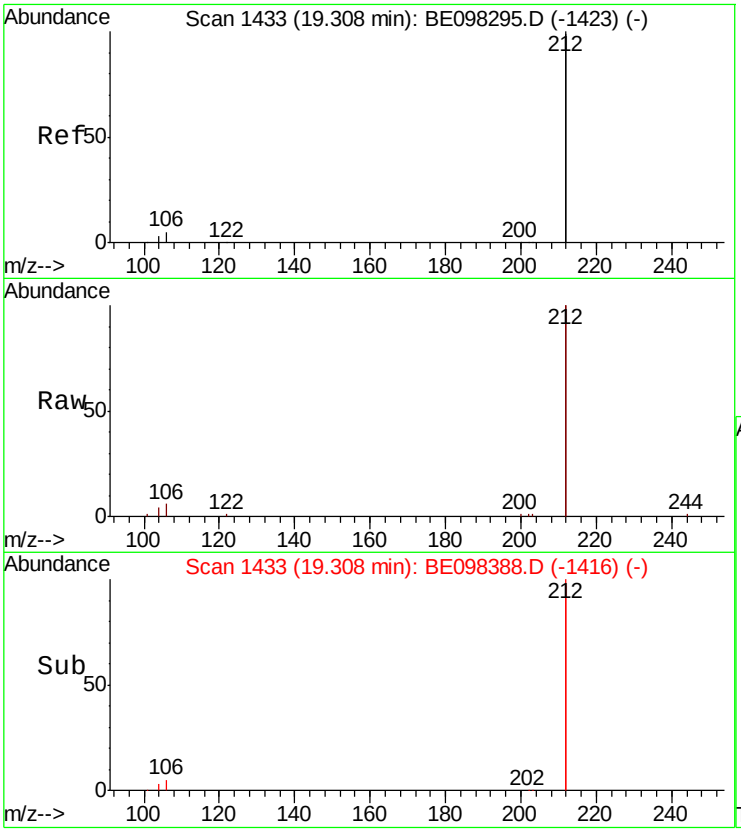


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE098388.D
Acq: 13 Dec 2018 9:32

Tgt Ion:188 Resp: 7298

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.0	7.2	10.8#



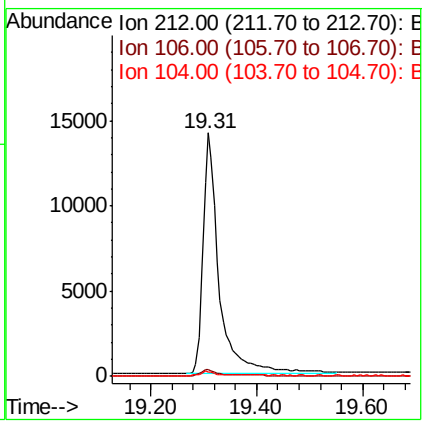


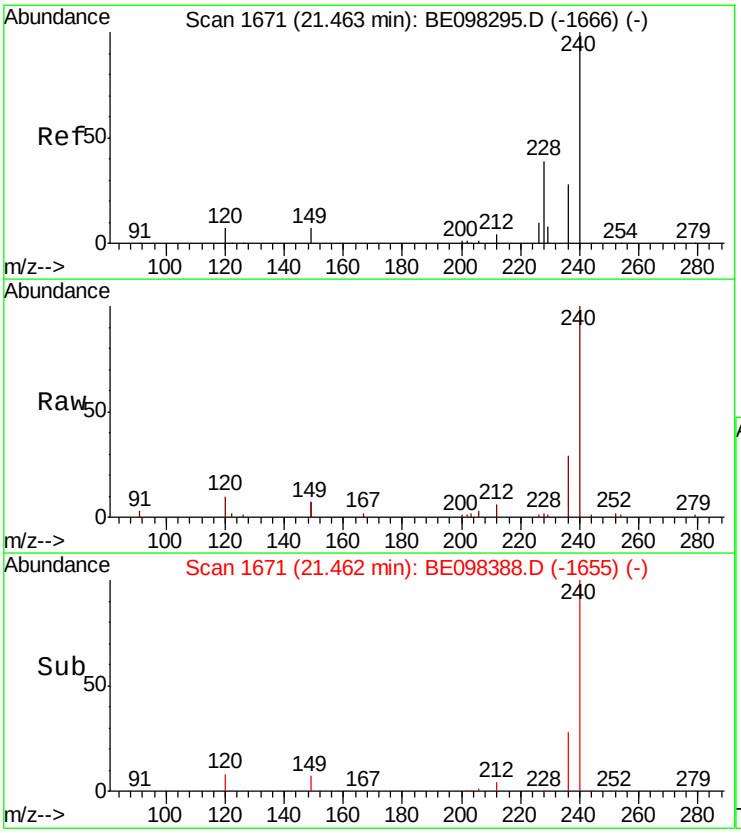
#25
Fluoranthene-d10
Concen: 0.318 ng
RT: 19.31 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BE098388.D
Acq: 13 Dec 2018 9:32

Instrument :
BNA_E
ClientSampleId :
PB115545BL

Tgt Ion:212 Resp: 29789

Ion	Ratio	Lower	Upper
212	100		
106	2.6	2.2	3.2
104	1.5	1.3	1.9

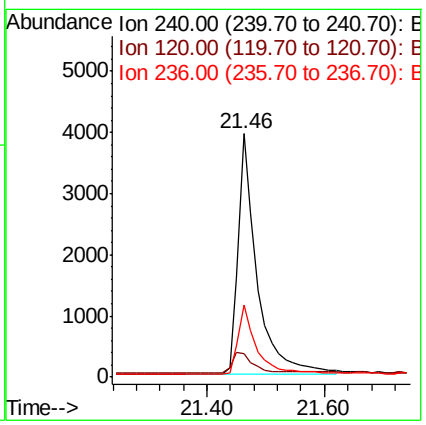


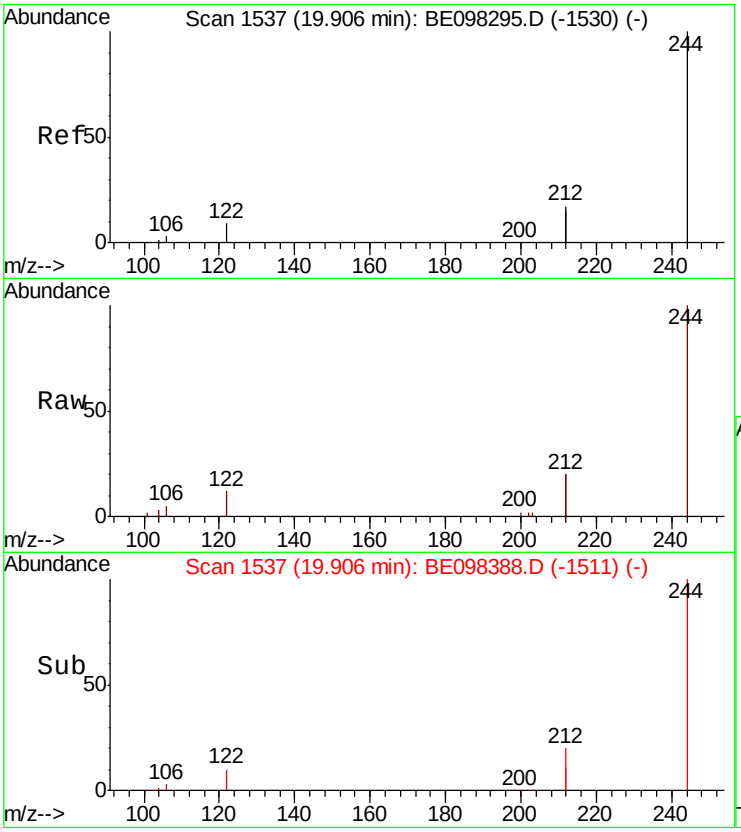


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098388.D
Acq: 13 Dec 2018 9:32

Tgt Ion:240 Resp: 8921

Ion	Ratio	Lower	Upper
240	100		
120	9.7	9.5	14.3
236	29.4	22.7	34.1



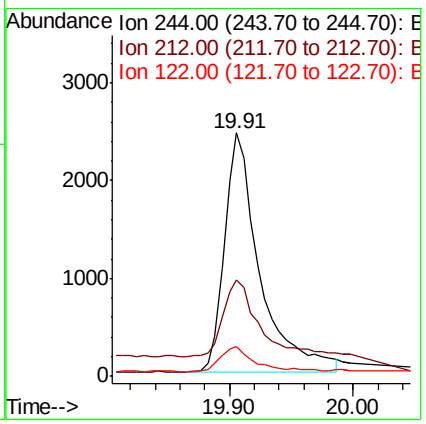


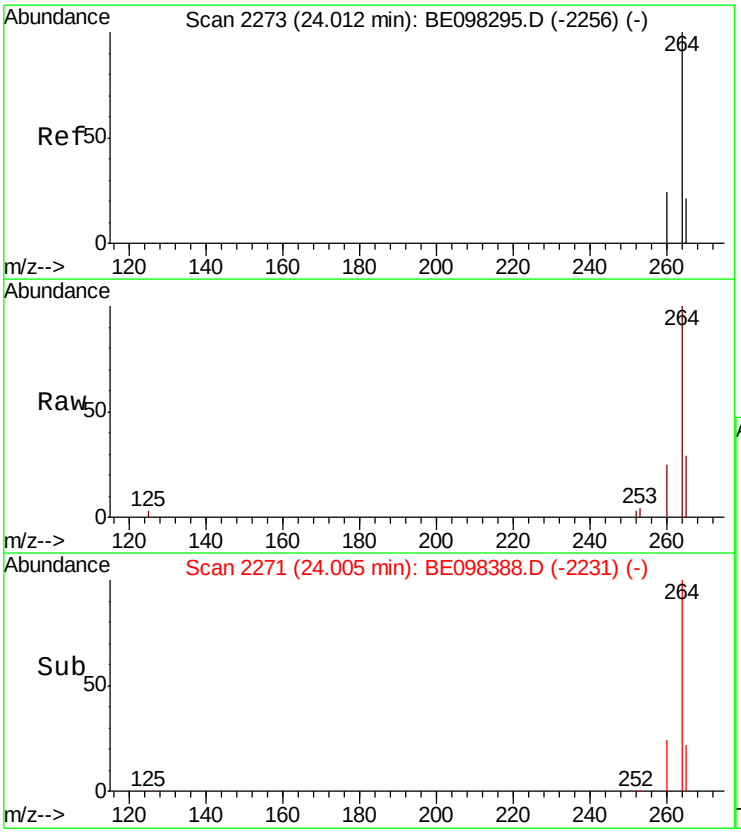
#29
Terphenyl-d14
Concen: 0.223 ng
RT: 19.91 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BE098388.D
Acq: 13 Dec 2018 9:32

Instrument :
BNA_E
ClientSampleId :
PB115545BL

Tgt Ion:244 Resp: 4832

Ion	Ratio	Lower	Upper
244	100		
212	39.5	27.4	41.0
122	12.1	8.3	12.5





#34
Perylene-d12
Concen: 0.400 ng
RT: 24.00 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BE098388.D
Acq: 13 Dec 2018 9:32

Tgt Ion:264 Resp: 8368

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.2	30.2
265	29.3	25.2	37.8