Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\Be022119\
Data File : BE098752.D
Acq On : 21 Feb 2019 17:29
Operator : JU/SJ
Sample : PB117262BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB117262BL

Quant Time: Feb 21 22:12:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE012419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 24 14:44:44 2019
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	866	0.40	ng	0.00
7) Naphthalene-d8	10.614	136	3267	0.40	ng	# 0.01
13) Acenaphthene-d10	14.485	164	1956	0.40	ng	0.01
19) Phenanthrene-d10	17.242	188	4487	0.40	ng	# 0.01
27) Chrysene-d12	21.415	240	5942	0.40	ng	# 0.00
34) Perylene-d12	23.926	264	5948	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.409	112	930	0.36	ng	0.01
5) Phenol-d6	7.022	99	1137	0.30	ng	0.02
8) Nitrobenzene-d5	9.016	82	829	0.28	ng	0.04
11) 2-Methylnaphthalene-d10	12.223	152	1796	0.29	ng	0.01
14) 2,4,6-Tribromophenol	15.997	330	240	0.28	ng	0.01
15) 2-Fluorobiphenyl	13.116	172	2339	0.28	ng	0.01
25) Fluoranthene-d10	19.266	212	22413	0.35	ng	0.00
29) Terphenyl-d14	19.857	244	3911	0.26	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	3	Below Cal	#	11
3) n-Nitrosodimethylamine	3.716	42	95	0.09	ng	# 13
24) Anthracene	17.375	178	5	0.07	ng	# 61

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\Be022119\
Data File : BE098752.D
Acq On : 21 Feb 2019 17:29
Operator : JU/SJ
Sample : PB117262BL
Misc :
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Instrument :
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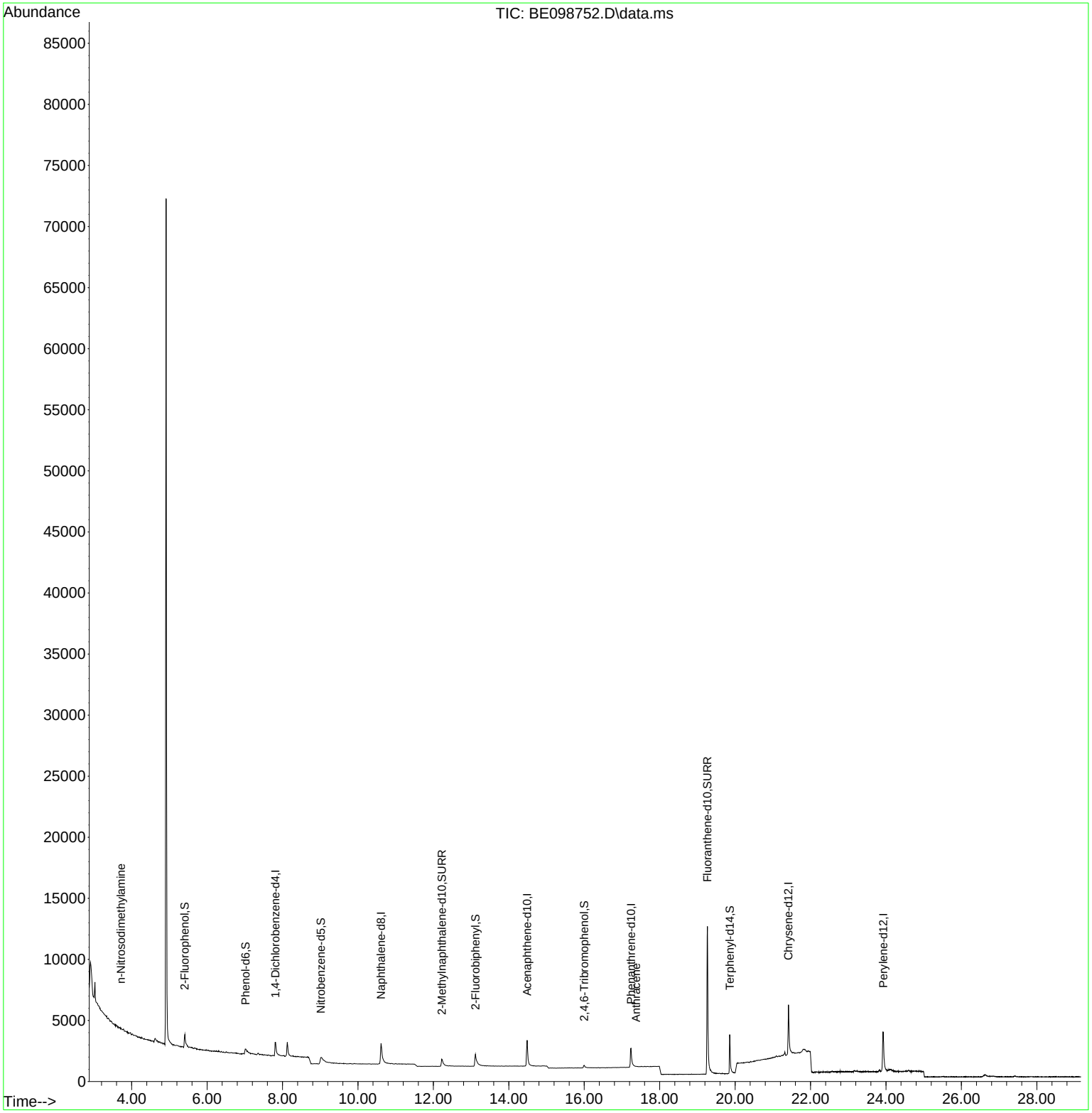
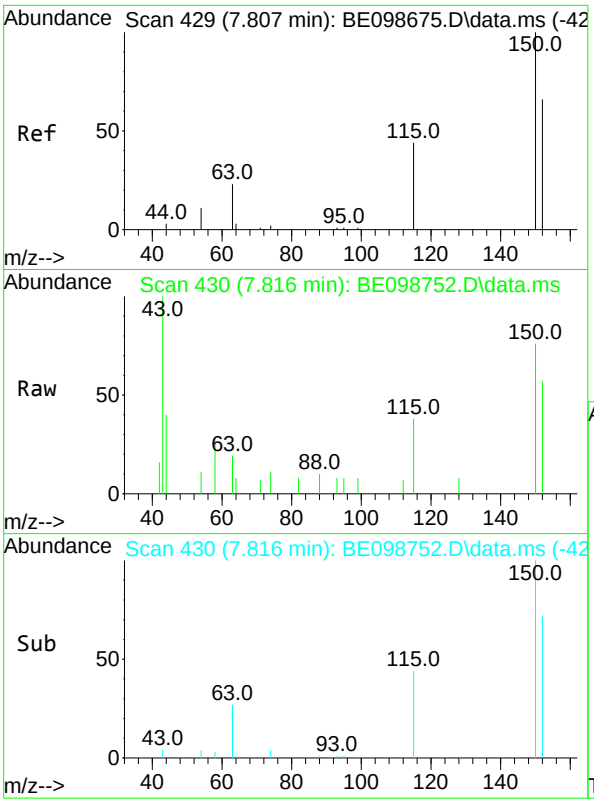
Quant Time: Feb 21 22:12:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE012419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 24 14:44:44 2019
Response via : Initial Calibration



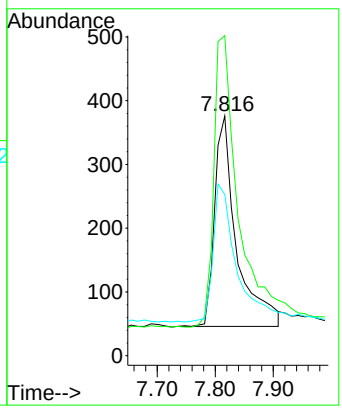
Instrument :
BNA_E
ClientSampleId :
PB117262BL

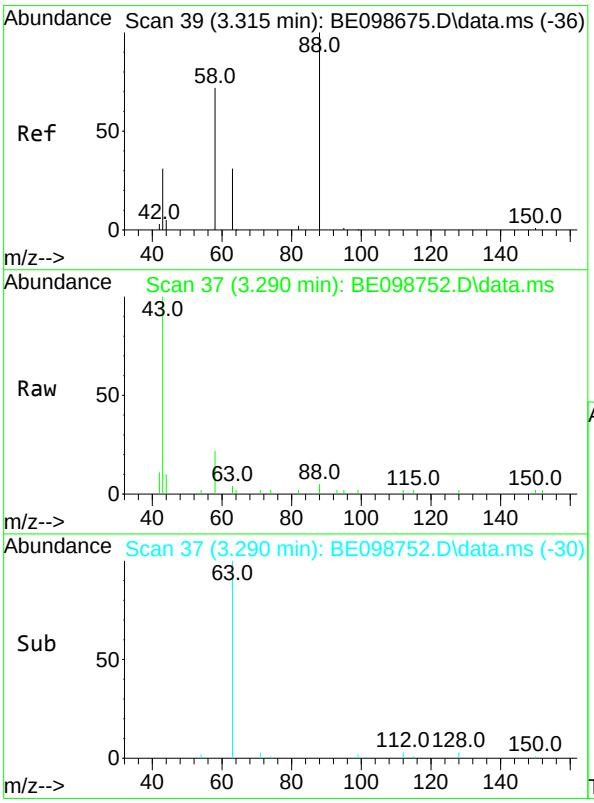


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.816 min Scan# 430
Delta R.T. 0.009 min
Lab File: BE098752.D
Acq: 21 Feb 2019 17:29

Tgt Ion:152 Resp: 866

Ion	Ratio	Lower	Upper
152	100		
150	133.5	121.4	182.2
115	67.3	59.1	88.7

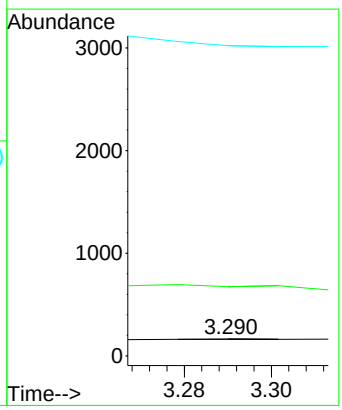




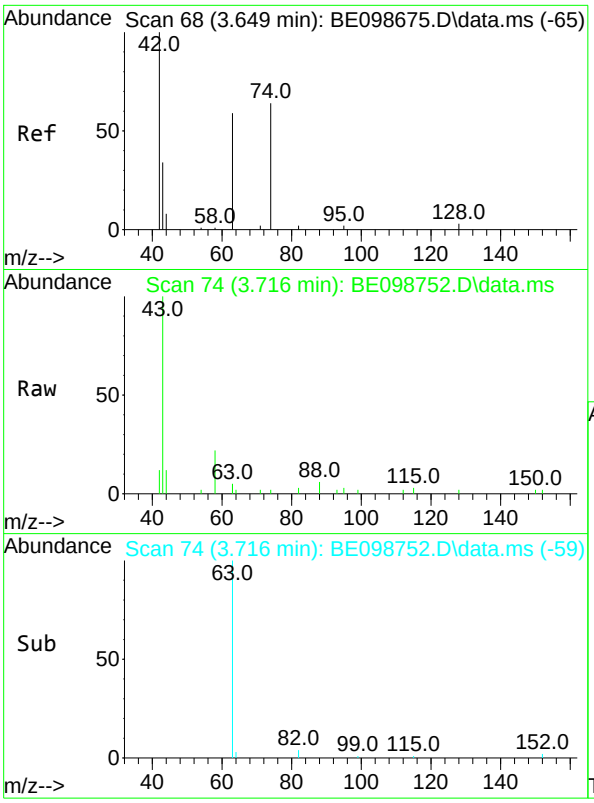
#2
1,4-Dioxane
Concen: Below Cal
RT: 3.290 min Scan# 37
Delta R.T. -0.025 min
Lab File: BE098752.D
Acq: 21 Feb 2019 17:29

Tgt Ion: 88 Resp: 3

Ion	Ratio	Lower	Upper
88	100		
58	0.0	73.9	110.9#
43	0.0	43.7	65.5#



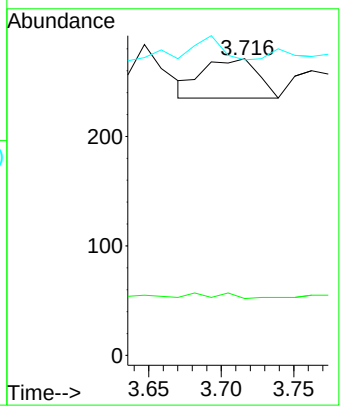
Instrument :
BNA_E
ClientSampleId :
PB117262BL

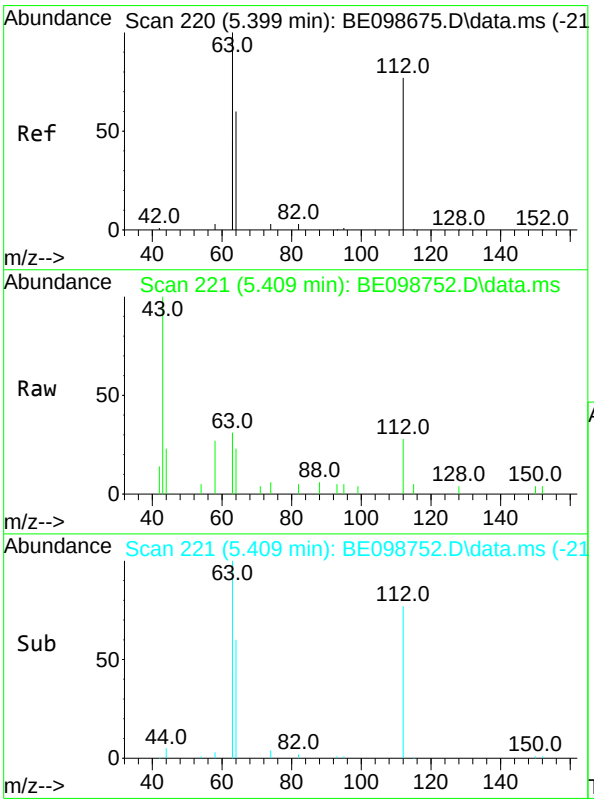


#3
n-Nitrosodimethylamine
Concen: 0.09 ng
RT: 3.716 min Scan# 74
Delta R.T. 0.067 min
Lab File: BE098752.D
Acq: 21 Feb 2019 17:29

Tgt Ion: 42 Resp: 95

Ion	Ratio	Lower	Upper
42	100		
74	0.0	58.9	88.3#
44	0.0	0.0	0.0

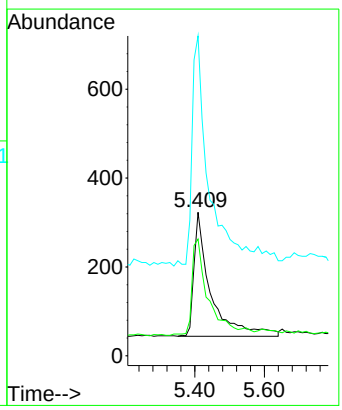




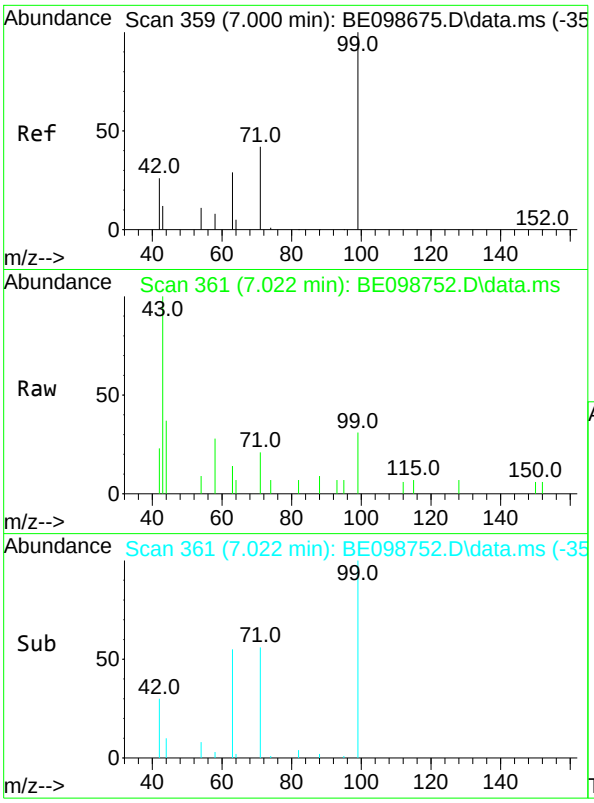
#4
2-Fluorophenol
Concen: 0.36 ng
RT: 5.409 min Scan# 221
Delta R.T. 0.010 min
Lab File: BE098752.D
Acq: 21 Feb 2019 17:29

Tgt Ion:112 Resp: 930

Ion	Ratio	Lower	Upper
112	100		
64	73.2	62.9	94.3
63	185.9	152.2	228.4



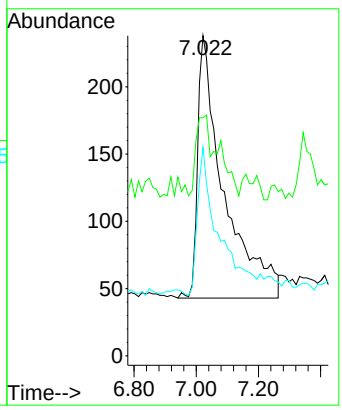
Instrument :
BNA_E
ClientSampleId :
PB117262BL

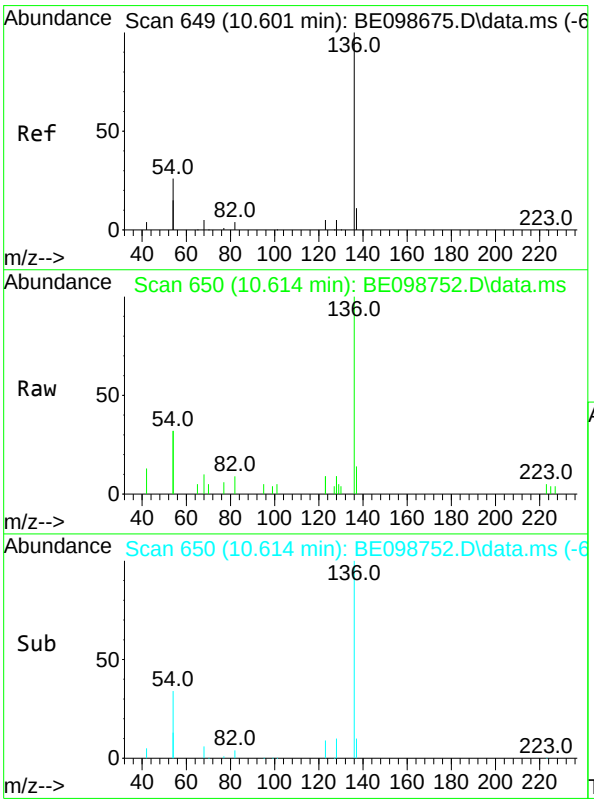


#5
Phenol-d6
Concen: 0.30 ng
RT: 7.022 min Scan# 361
Delta R.T. 0.022 min
Lab File: BE098752.D
Acq: 21 Feb 2019 17:29

Tgt Ion: 99 Resp: 1137

Ion	Ratio	Lower	Upper
99	100		
42	19.0	24.6	37.0#
71	46.0	35.1	52.7

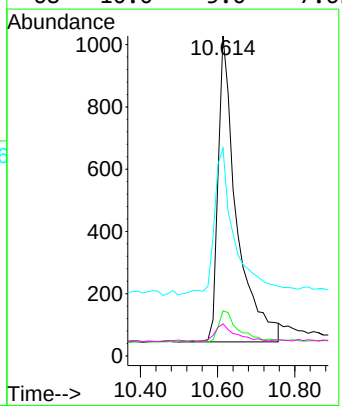




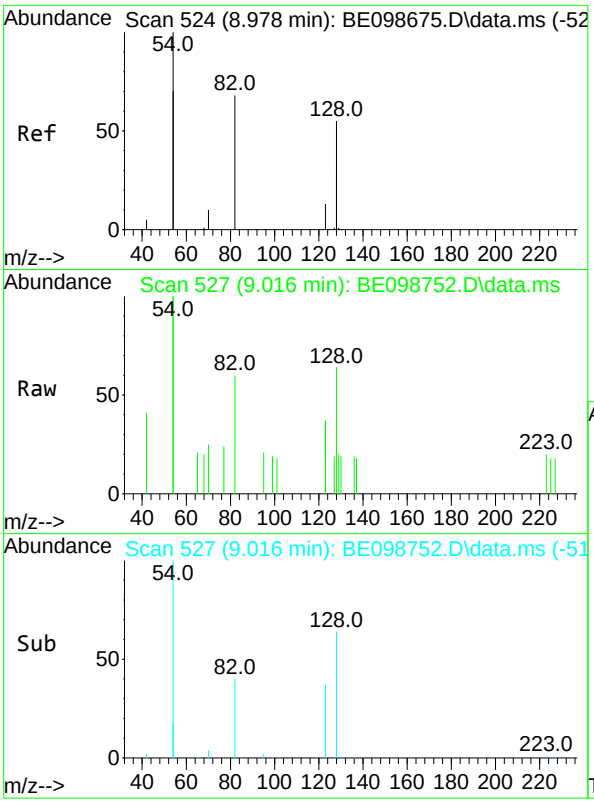
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.614 min Scan# 650
Delta R.T. 0.013 min
Lab File: BE098752.D
Acq: 21 Feb 2019 17:29

Tgt Ion:136 Resp: 3267

Ion	Ratio	Lower	Upper
136	100		
137	14.1	9.7	14.5
54	65.0	35.5	53.3#
68	10.0	5.0	7.6#



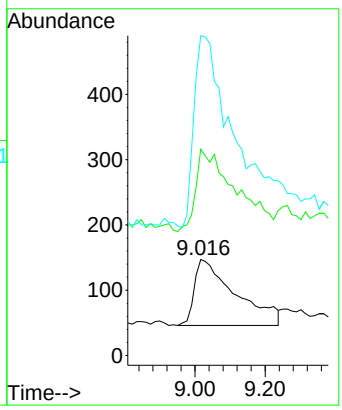
Instrument :
BNA_E
ClientSampleId :
PB117262BL

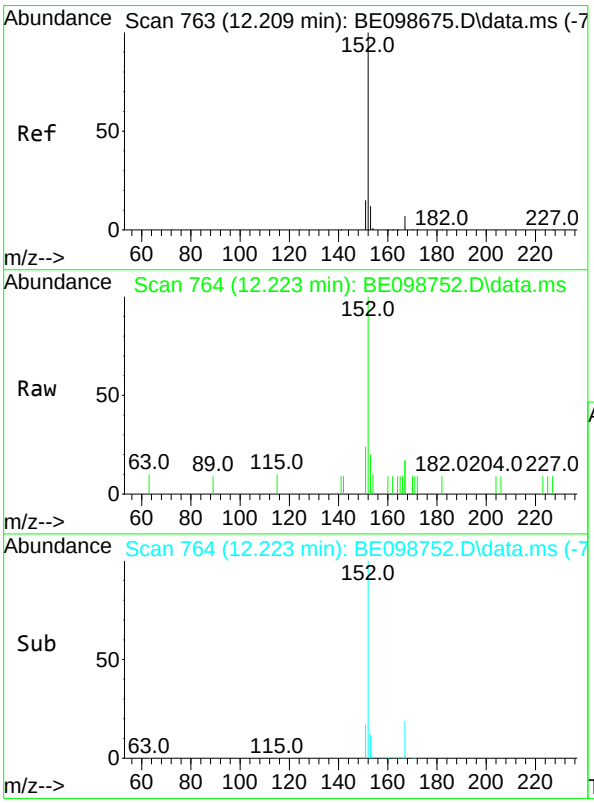


#8
Nitrobenzene-d5
Concen: 0.28 ng
RT: 9.016 min Scan# 527
Delta R.T. 0.038 min
Lab File: BE098752.D
Acq: 21 Feb 2019 17:29

Tgt Ion: 82 Resp: 829

Ion	Ratio	Lower	Upper
82	100		
128	215.0	96.5	144.7#
54	333.3	224.7	337.1

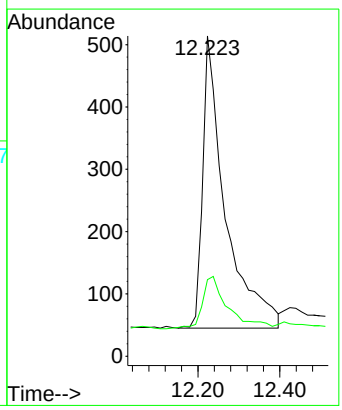




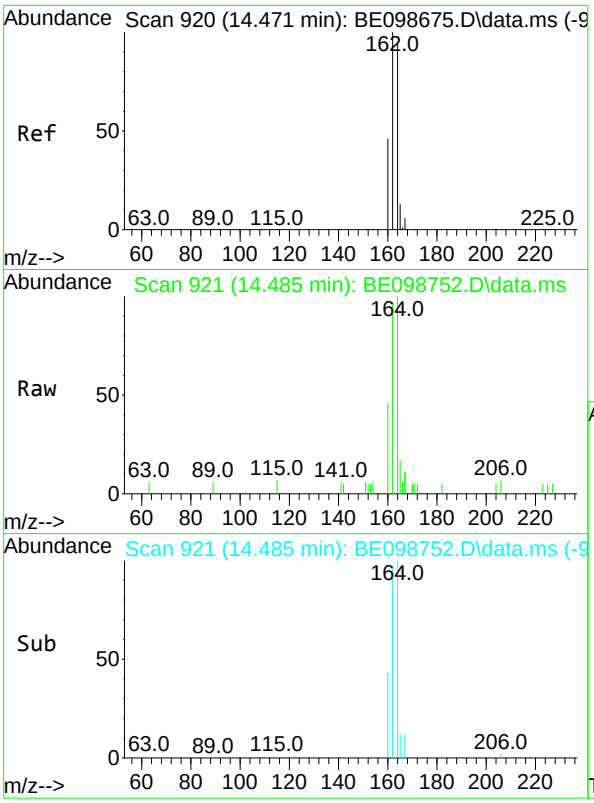
#11
2-Methylnaphthalene-d10
Concen: 0.29 ng
RT: 12.223 min Scan# 764
Delta R.T. 0.014 min
Lab File: BE098752.D
Acq: 21 Feb 2019 17:29

Tgt Ion:152 Resp: 1796

Ion	Ratio	Lower	Upper
152	100		
151	18.7	16.2	24.4



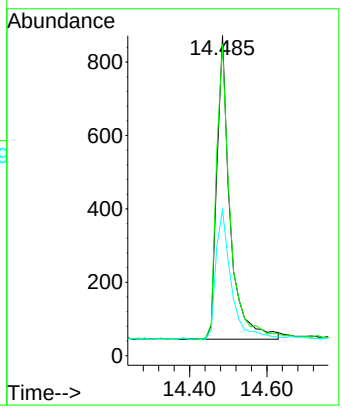
Instrument :
BNA_E
ClientSampleId :
PB117262BL

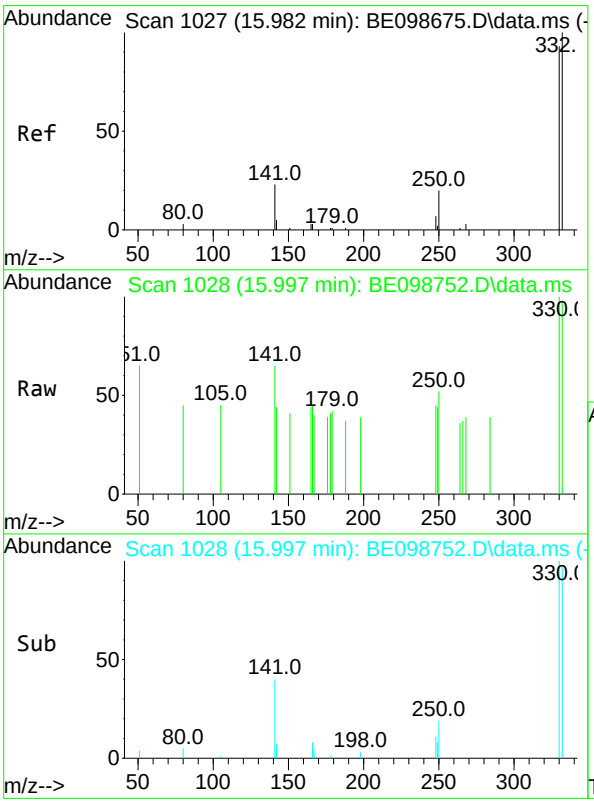


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.485 min Scan# 921
Delta R.T. 0.014 min
Lab File: BE098752.D
Acq: 21 Feb 2019 17:29

Tgt Ion:164 Resp: 1956

Ion	Ratio	Lower	Upper
164	100		
162	97.2	80.5	120.7
160	45.5	40.1	60.1

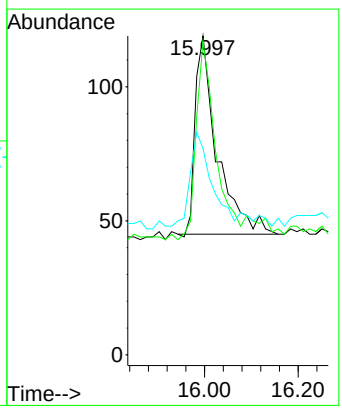




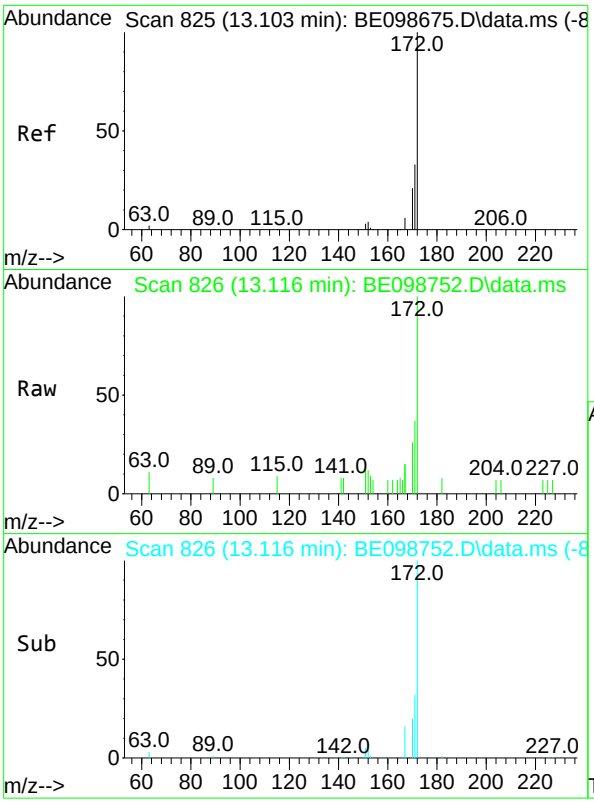
#14
2,4,6-Tribromophenol
Concen: 0.28 ng
RT: 15.997 min Scan# 1028
Delta R.T. 0.015 min
Lab File: BE098752.D
Acq: 21 Feb 2019 17:29

Tgt Ion:330 Resp: 240

Ion	Ratio	Lower	Upper
330	100		
332	89.2	73.3	109.9
141	51.7	33.1	49.7#



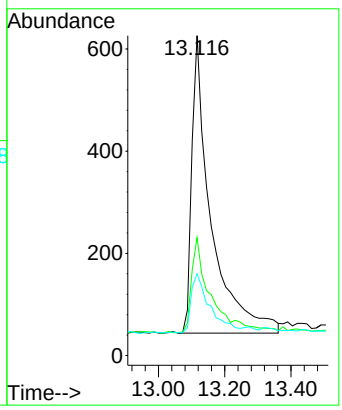
Instrument :
BNA_E
ClientSampleId :
PB117262BL

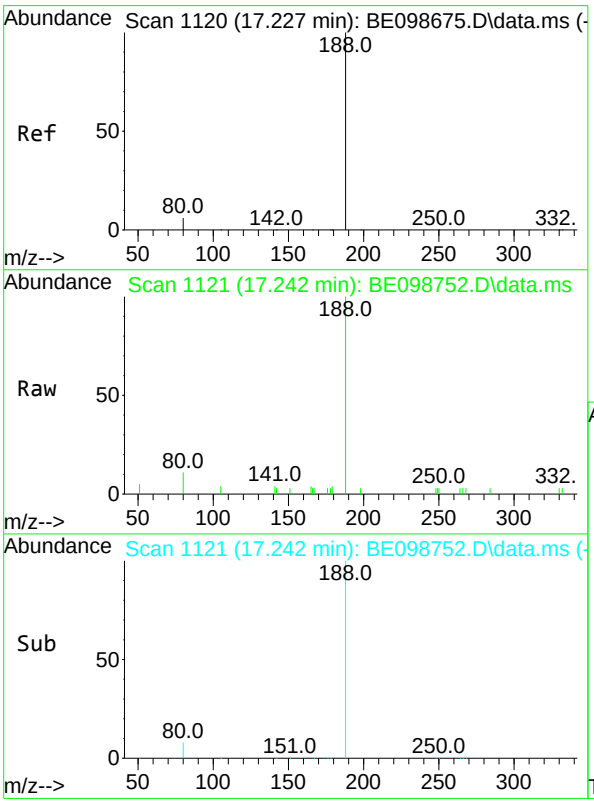


#15
2-Fluorobiphenyl
Concen: 0.28 ng
RT: 13.116 min Scan# 826
Delta R.T. 0.013 min
Lab File: BE098752.D
Acq: 21 Feb 2019 17:29

Tgt Ion:172 Resp: 2339

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.0	43.4
170	25.6	20.8	31.2

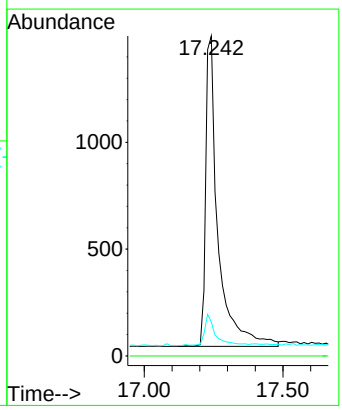




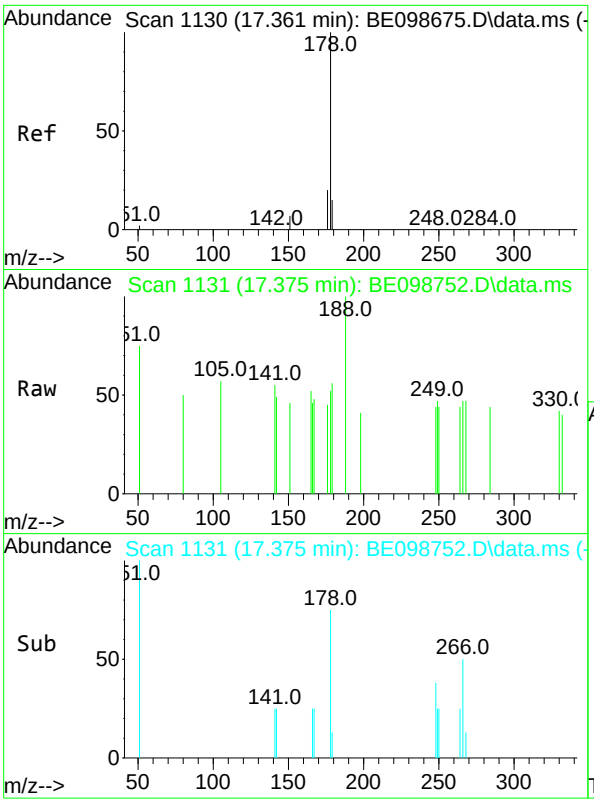
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.242 min Scan# 1121
Delta R.T. 0.015 min
Lab File: BE098752.D
Acq: 21 Feb 2019 17:29

Tgt Ion:188 Resp: 4487

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.5	4.7	7.1#



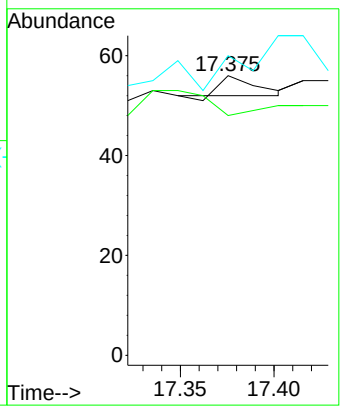
Instrument :
BNA_E
ClientSampleId :
PB117262BL

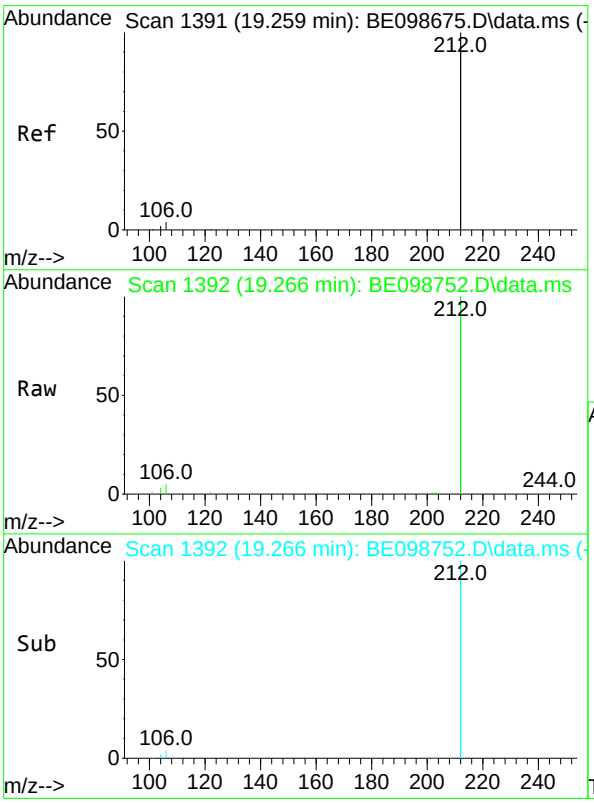


#24
Anthracene
Concen: 0.07 ng
RT: 17.375 min Scan# 1131
Delta R.T. 0.014 min
Lab File: BE098752.D
Acq: 21 Feb 2019 17:29

Tgt Ion:178 Resp: 5

Ion	Ratio	Lower	Upper
178	100		
176	0.0	14.9	22.3#
179	0.0	11.8	17.8#

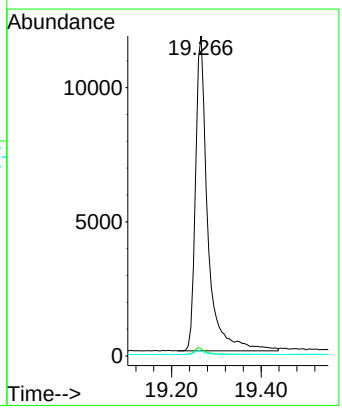




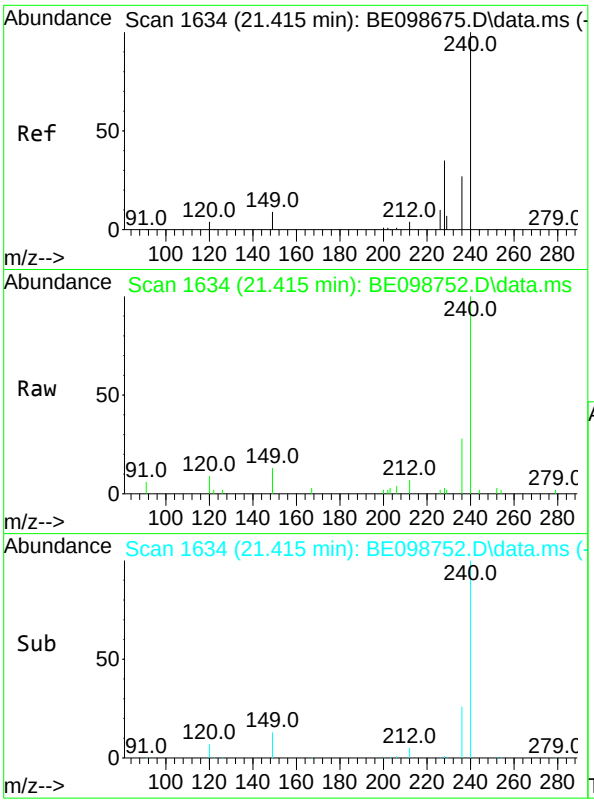
#25
Fluoranthene-d10
Concen: 0.35 ng
RT: 19.266 min Scan# 1392
Delta R.T. 0.007 min
Lab File: BE098752.D
Acq: 21 Feb 2019 17:29

Tgt Ion:212 Resp: 22413

Ion	Ratio	Lower	Upper
212	100		
106	2.1	1.7	2.5
104	1.2	1.0	1.6



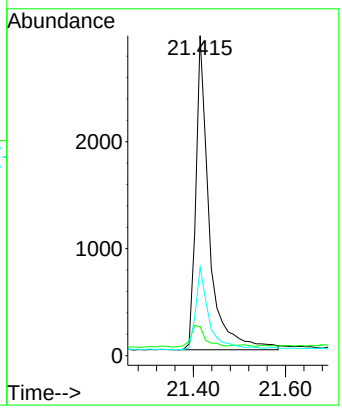
Instrument :
BNA_E
ClientSampleId :
PB117262BL

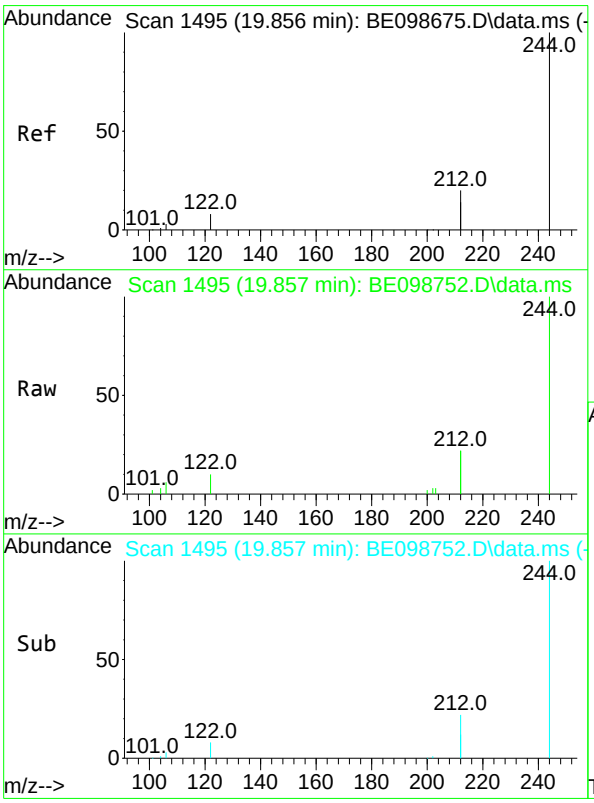


#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.415 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BE098752.D
Acq: 21 Feb 2019 17:29

Tgt Ion:240 Resp: 5942

Ion	Ratio	Lower	Upper
240	100		
120	9.1	4.7	7.1#
236	27.6	21.9	32.9

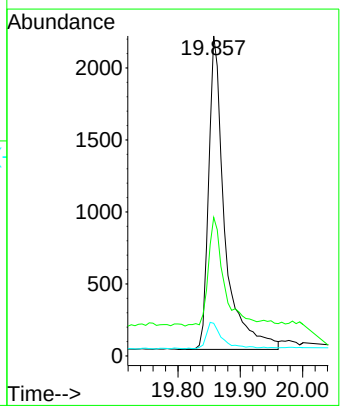


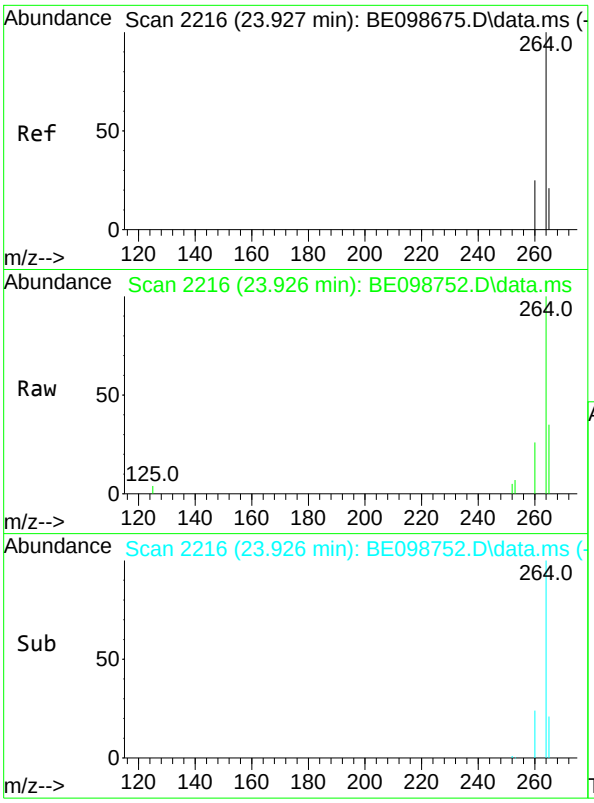


#29
Terphenyl-d14
Concen: 0.26 ng
RT: 19.857 min Scan# 1495
Delta R.T. 0.001 min
Lab File: BE098752.D
Acq: 21 Feb 2019 17:29

Tgt Ion:244 Resp: 3911

Ion	Ratio	Lower	Upper
244	100		
212	43.3	29.4	44.2
122	10.2	7.1	10.7

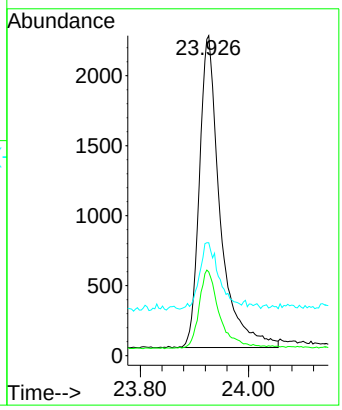




#34
Perylene-d12
Concen: 0.40 ng
RT: 23.926 min Scan# 2216
Delta R.T. -0.001 min
Lab File: BE098752.D
Acq: 21 Feb 2019 17:29

Tgt Ion:264 Resp: 5948

Ion	Ratio	Lower	Upper
264	100		
260	26.2	20.5	30.7
265	35.3	22.3	33.5#



Instrument :
BNA_E
ClientSampleId :
PB117262BL