Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE020419\
Data File : BE098702.D
Acq On : 4 Feb 2019 10:43
Operator : JU/SJ
Sample : PB116751BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB116751BL

Quant Time: Feb 04 11:34:41 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	7.806	152	947	0.40	ng	0.00
7) Naphthalene-d8	10.614	136	3355	0.40	ng	# 0.01
13) Acenaphthene-d10	14.485	164	2100	0.40	ng	0.01
19) Phenanthrene-d10	17.228	188	4862	0.40	ng	# 0.00
27) Chrysene-d12	21.414	240	6088	0.40	ng	# 0.00
34) Perylene-d12	23.927	264	5972	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.411	112	922	0.33	ng	0.01
5) Phenol-d6	7.011	99	1037	0.25	ng	0.01
8) Nitrobenzene-d5	9.030	82	845	0.28	ng	0.05
11) 2-Methylnaphthalene-d10	12.223	152	1929	0.30	ng	0.01
14) 2,4,6-Tribromophenol	15.997	330	222	0.24	ng	0.01
15) 2-Fluorobiphenyl	13.117	172	2676	0.30	ng	0.01
25) Fluoranthene-d10	19.264	212	24588	0.35	ng	0.00
29) Terphenyl-d14	19.856	244	4194	0.28	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.338	88	44	Below Cal	#	11
3) n-Nitrosodimethylamine	3.672	42	73	0.08	ng #	29
22) Pentachlorophenol	16.934	266	24	0.03	ng #	77
24) Anthracene	17.416	178	10	0.07	ng #	39

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

Quantitation Report (Not Reviewed)

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Acq On : 4 Feb 2019 10:43
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Sample : PB116751BL
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QLast Update : Thu Jan 24 14:44:44 2019
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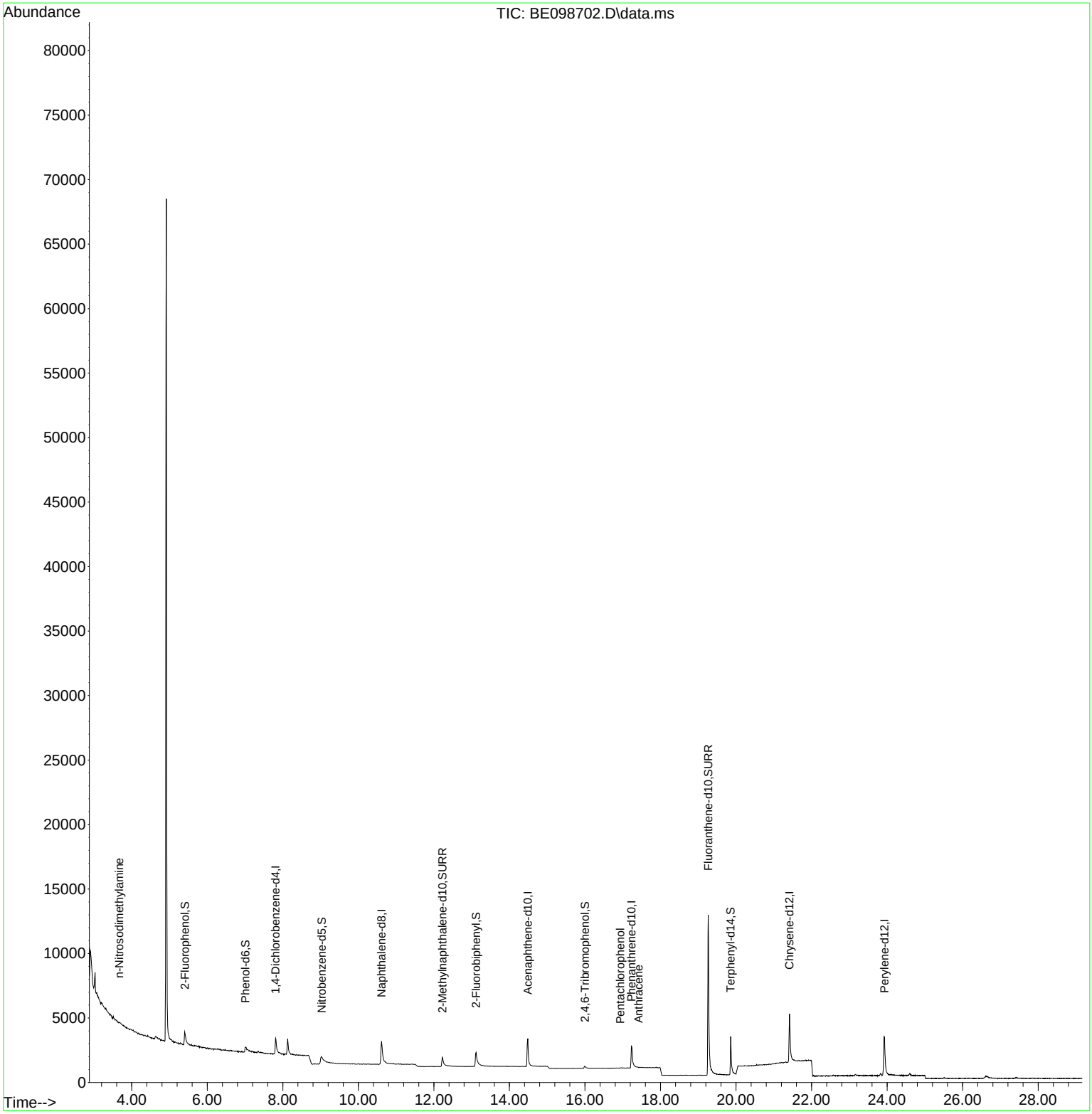
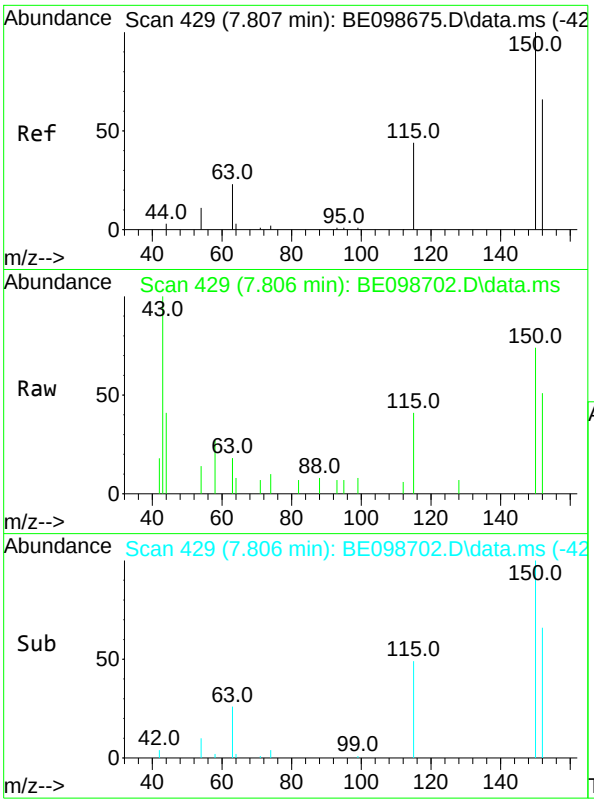


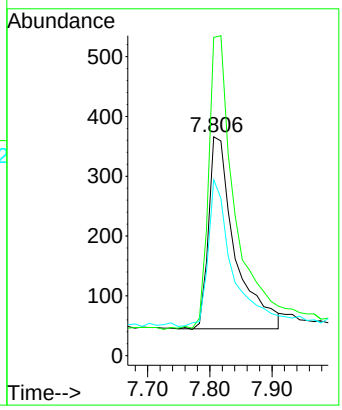
Instrument :
BNA_E
ClientSampleId :
PB116751BL

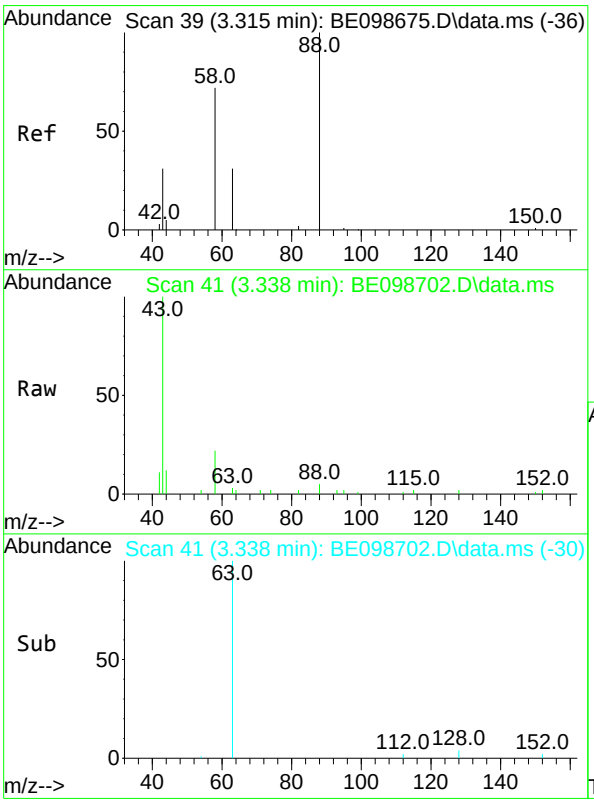


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.806 min Scan# 429
Delta R.T. -0.001 min
Lab File: BE098702.D
Acq: 4 Feb 2019 10:43

Tgt Ion:152 Resp: 947

Ion	Ratio	Lower	Upper
152	100		
150	145.4	121.4	182.2
115	80.3	59.1	88.7

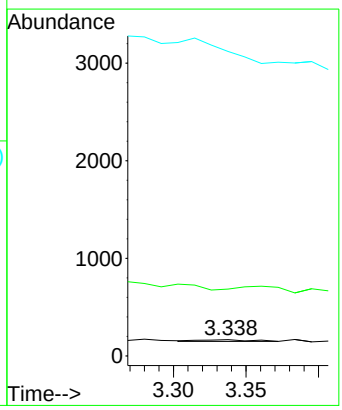




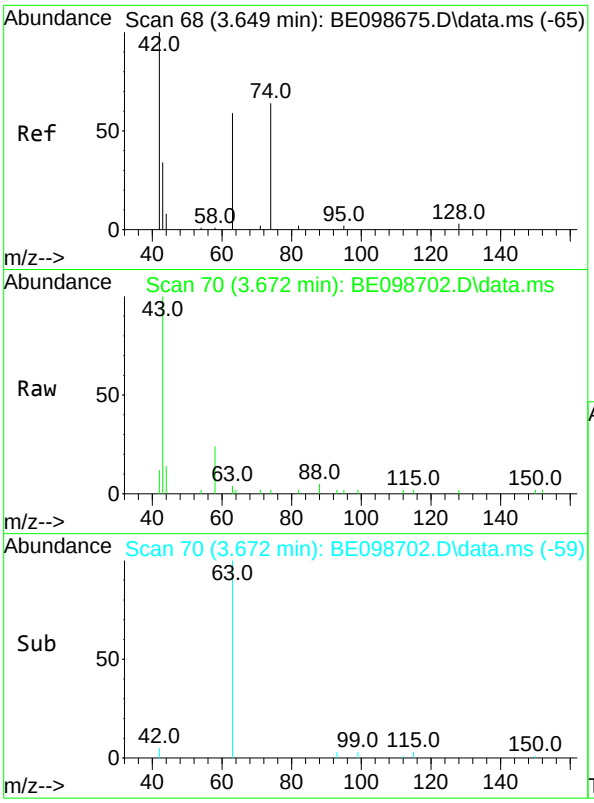
#2
1,4-Dioxane
Concen: Below Cal
RT: 3.338 min Scan# 41
Delta R.T. 0.023 min
Lab File: BE098702.D
Acq: 4 Feb 2019 10:43

Tgt Ion: 88 Resp: 44

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



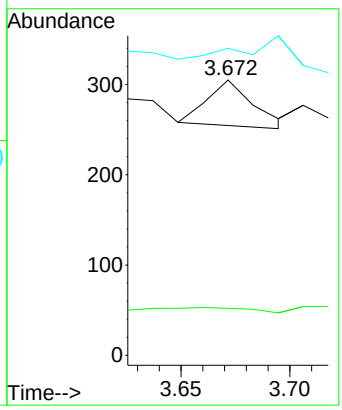
Instrument :
BNA_E
ClientSampleId :
PB116751BL

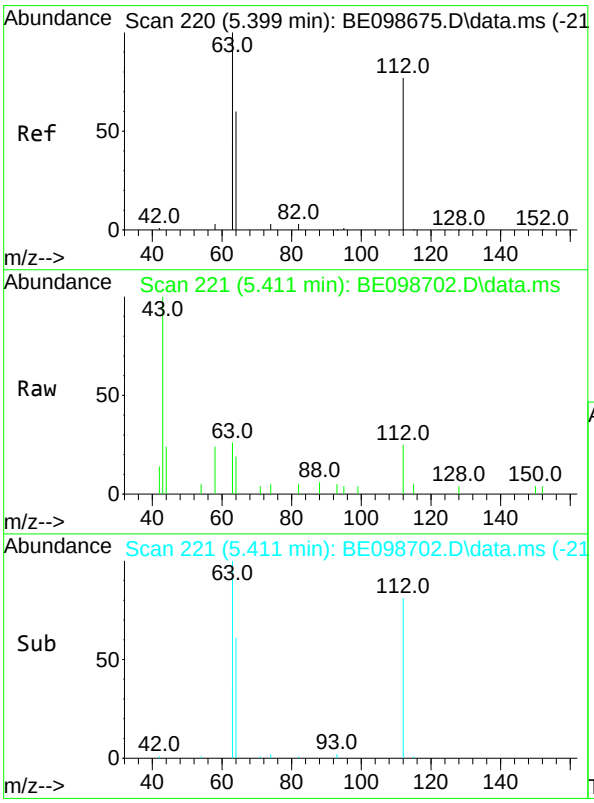


#3
n-Nitrosodimethylamine
Concen: 0.08 ng
RT: 3.672 min Scan# 70
Delta R.T. 0.023 min
Lab File: BE098702.D
Acq: 4 Feb 2019 10:43

Tgt Ion: 42 Resp: 73

Ion	Ratio	Lower	Upper
42	100		
74	13.7	58.9	88.3#
44	0.0	0.0	0.0

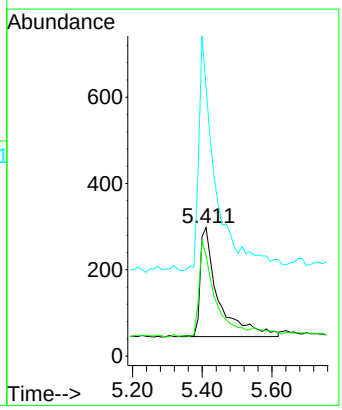




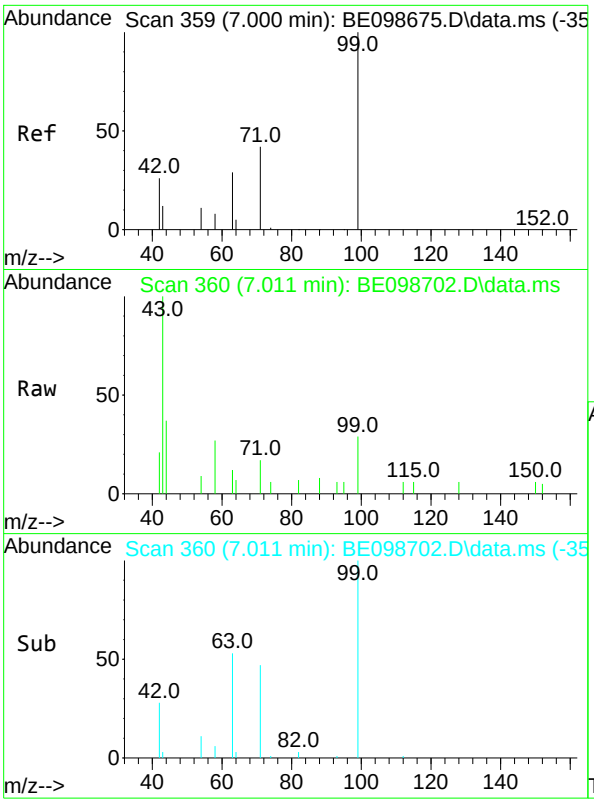
#4
2-Fluorophenol
Concen: 0.33 ng
RT: 5.411 min Scan# 221
Delta R.T. 0.012 min
Lab File: BE098702.D
Acq: 4 Feb 2019 10:43

Tgt Ion:112 Resp: 922

Ion	Ratio	Lower	Upper
112	100		
64	72.7	62.9	94.3
63	172.2	152.2	228.4



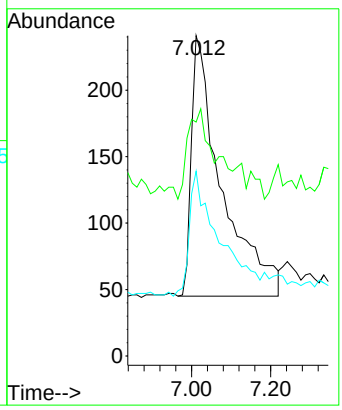
Instrument :
BNA_E
ClientSampleId :
PB116751BL

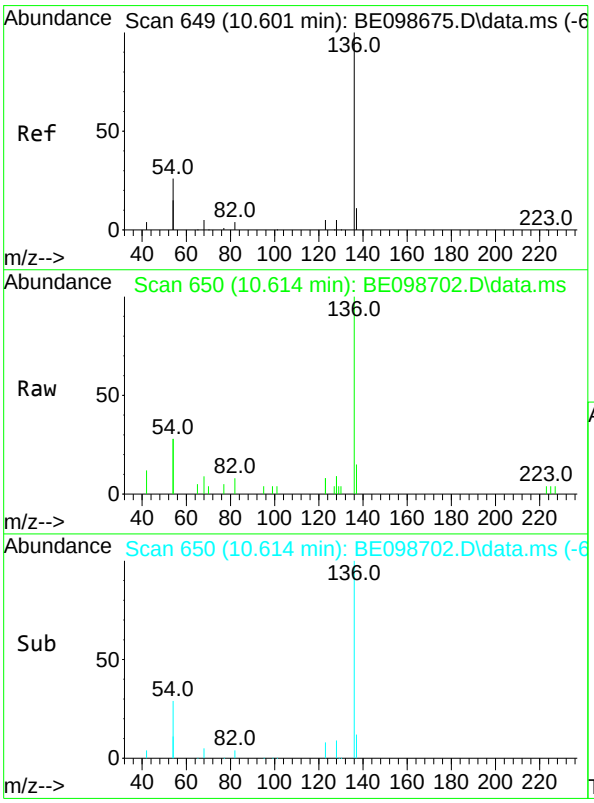


#5
Phenol-d6
Concen: 0.25 ng
RT: 7.011 min Scan# 360
Delta R.T. 0.011 min
Lab File: BE098702.D
Acq: 4 Feb 2019 10:43

Tgt Ion: 99 Resp: 1037

Ion	Ratio	Lower	Upper
99	100		
42	34.7	24.6	37.0
71	46.7	35.1	52.7

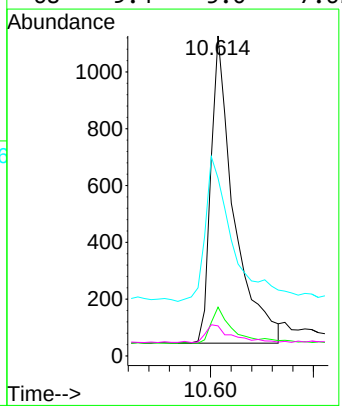




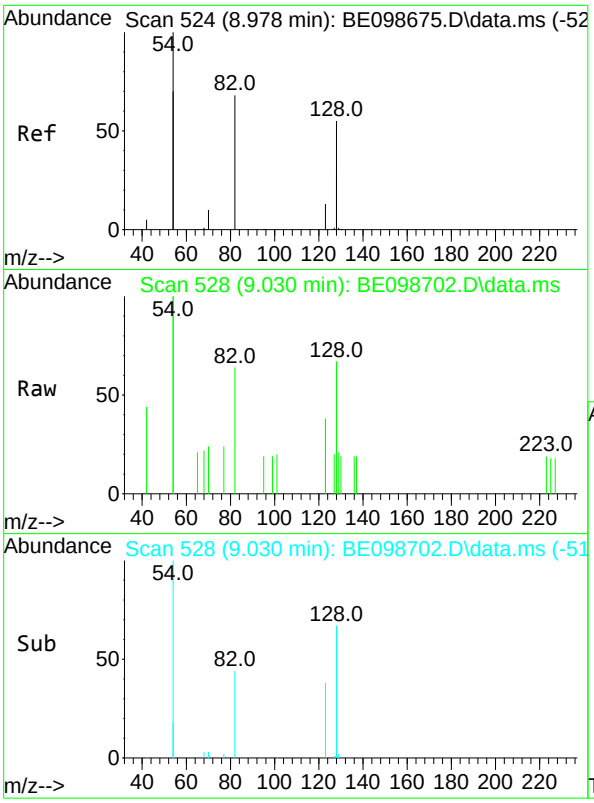
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.614 min Scan# 650
Delta R.T. 0.013 min
Lab File: BE098702.D
Acq: 4 Feb 2019 10:43

Tgt Ion:136 Resp: 3355

Ion	Ratio	Lower	Upper
136	100		
137	15.3	9.7	14.5#
54	55.5	35.5	53.3#
68	9.4	5.0	7.6#



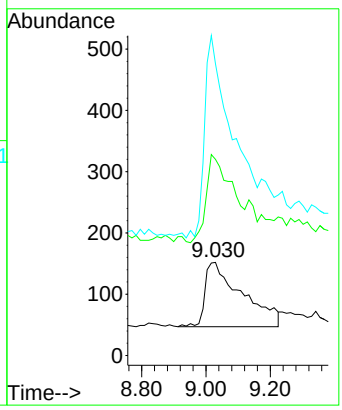
Instrument :
BNA_E
ClientSampleId :
PB116751BL

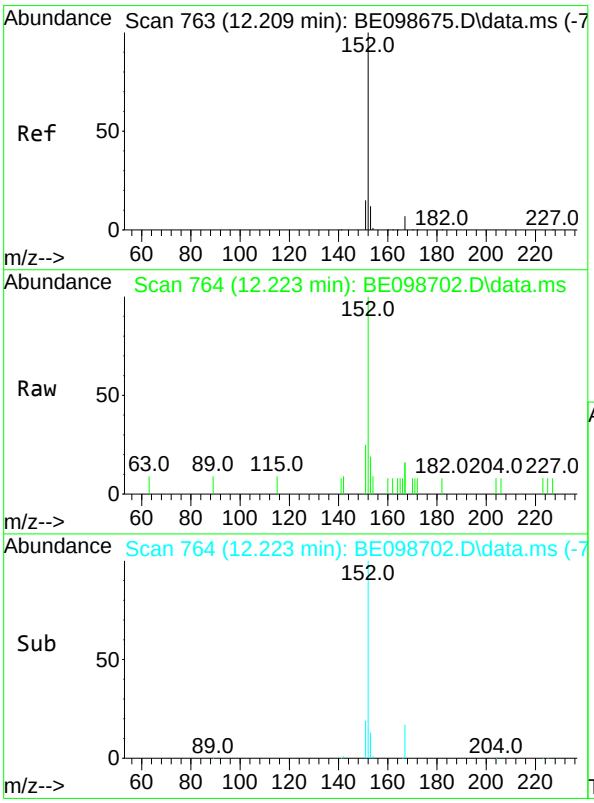


#8
Nitrobenzene-d5
Concen: 0.28 ng
RT: 9.030 min Scan# 528
Delta R.T. 0.052 min
Lab File: BE098702.D
Acq: 4 Feb 2019 10:43

Tgt Ion: 82 Resp: 845

Ion	Ratio	Lower	Upper
82	100		
128	210.5	96.5	144.7#
54	313.2	224.7	337.1

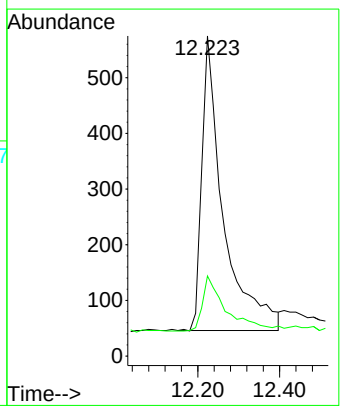




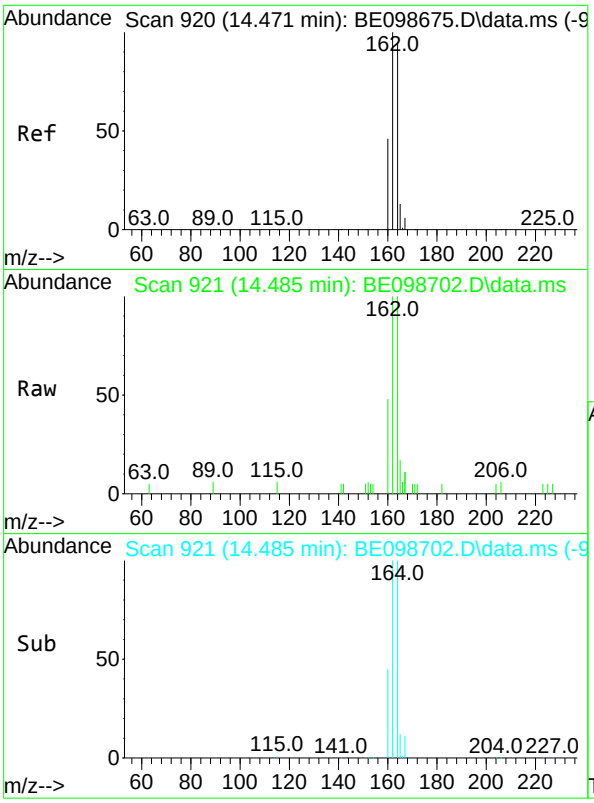
#11
2-Methylnaphthalene-d10
Concen: 0.30 ng
RT: 12.223 min Scan# 764
Delta R.T. 0.014 min
Lab File: BE098702.D
Acq: 4 Feb 2019 10:43

Tgt Ion:152 Resp: 1929

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.4



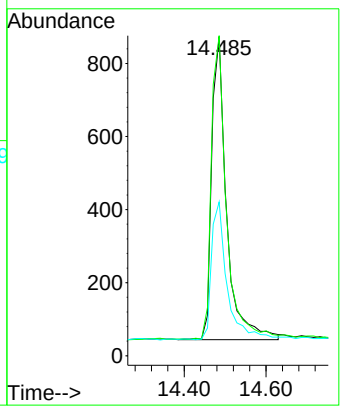
Instrument :
BNA_E
ClientSampleId :
PB116751BL

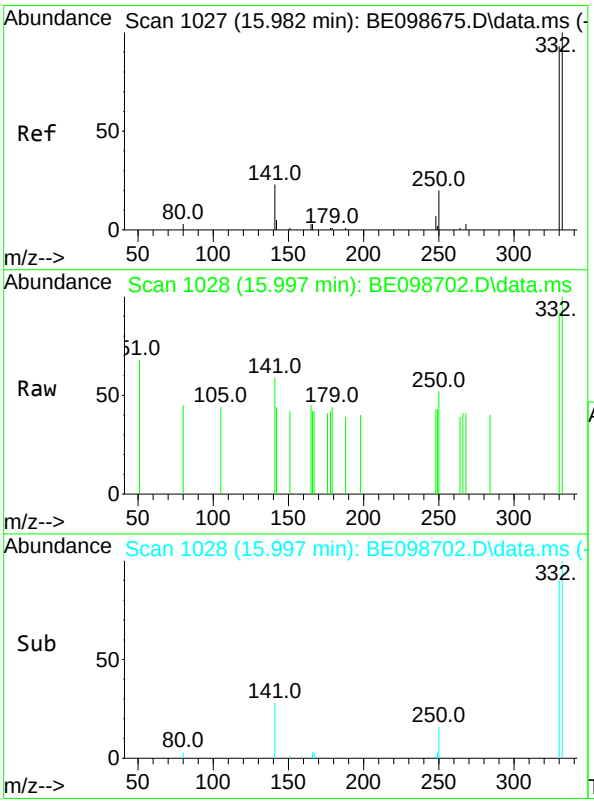


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.485 min Scan# 921
Delta R.T. 0.014 min
Lab File: BE098702.D
Acq: 4 Feb 2019 10:43

Tgt Ion:164 Resp: 2100

Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.5	120.7
160	48.2	40.1	60.1

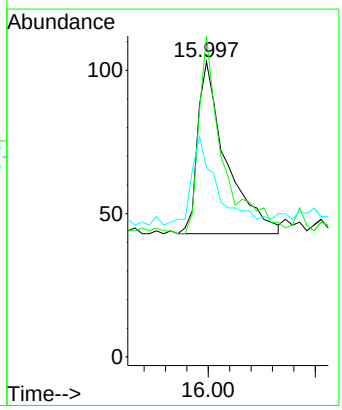




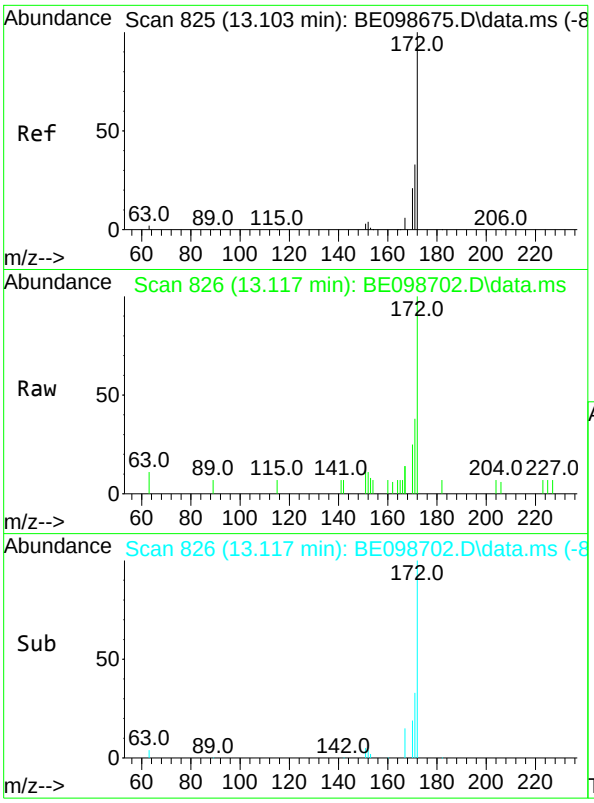
#14
2,4,6-Tribromophenol
Concen: 0.24 ng
RT: 15.997 min Scan# 1028
Delta R.T. 0.015 min
Lab File: BE098702.D
Acq: 4 Feb 2019 10:43

Tgt Ion:330 Resp: 222

Ion	Ratio	Lower	Upper
330	100		
332	98.2	73.3	109.9
141	41.4	33.1	49.7



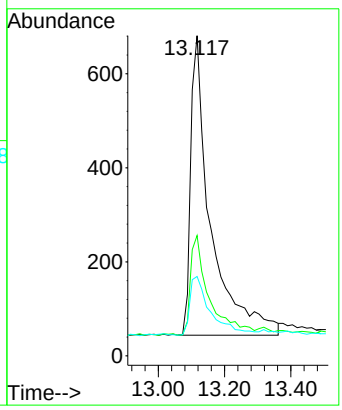
Instrument :
BNA_E
ClientSampleId :
PB116751BL

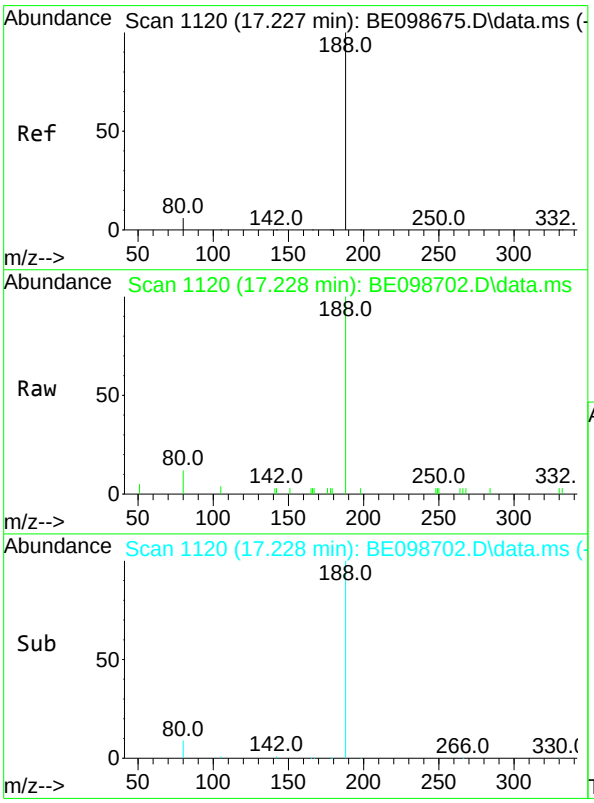


#15
2-Fluorobiphenyl
Concen: 0.30 ng
RT: 13.117 min Scan# 826
Delta R.T. 0.014 min
Lab File: BE098702.D
Acq: 4 Feb 2019 10:43

Tgt Ion:172 Resp: 2676

Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.0	43.4
170	24.8	20.8	31.2

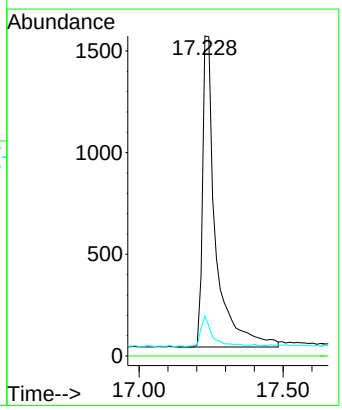




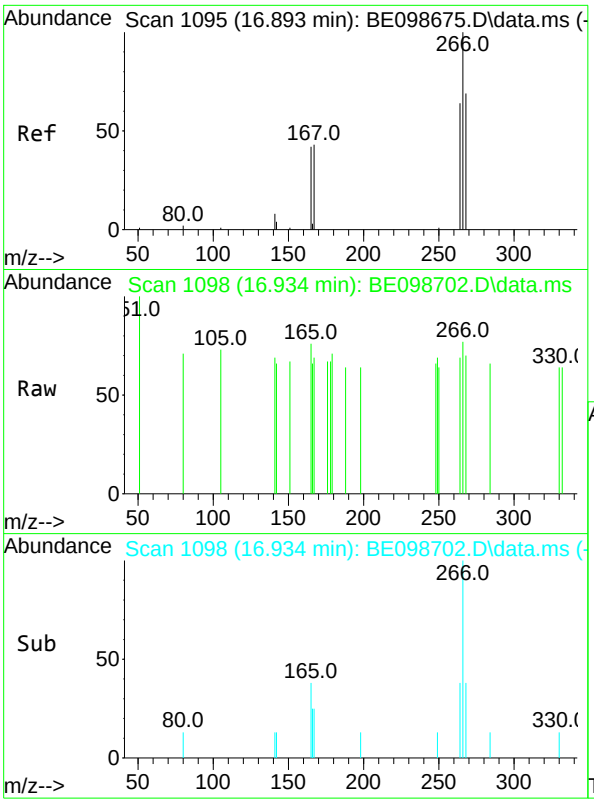
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.228 min Scan# 1120
Delta R.T. 0.001 min
Lab File: BE098702.D
Acq: 4 Feb 2019 10:43

Tgt Ion:188 Resp: 4862

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.4	4.7	7.1#



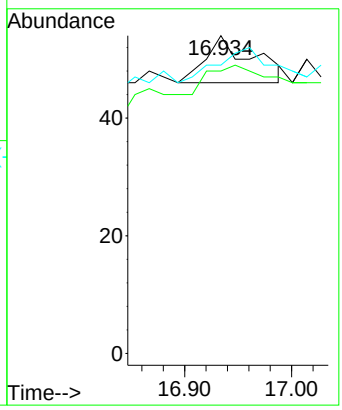
Instrument :
BNA_E
ClientSampleId :
PB116751BL

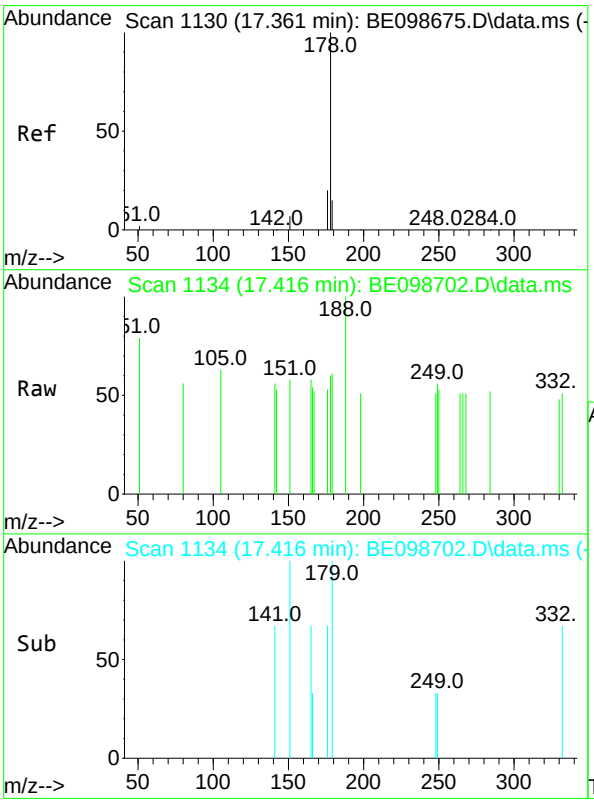


#22
Pentachlorophenol
Concen: 0.03 ng
RT: 16.934 min Scan# 1098
Delta R.T. 0.041 min
Lab File: BE098702.D
Acq: 4 Feb 2019 10:43

Tgt Ion:266 Resp: 24

Ion	Ratio	Lower	Upper
266	100		
264	88.9	53.7	80.5#
268	90.7	59.8	89.8#

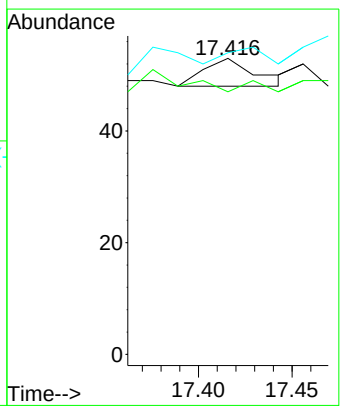




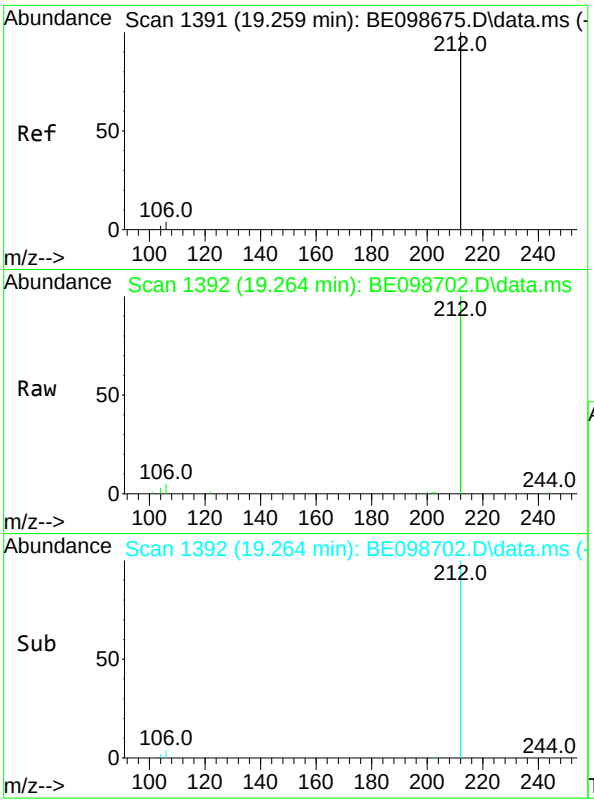
#24
Anthracene
Concen: 0.07 ng
RT: 17.416 min Scan# 1134
Delta R.T. 0.055 min
Lab File: BE098702.D
Acq: 4 Feb 2019 10:43

Tgt Ion:178 Resp: 10

Ion	Ratio	Lower	Upper
178	100		
176	0.0	14.9	22.3#
179	50.0	11.8	17.8#



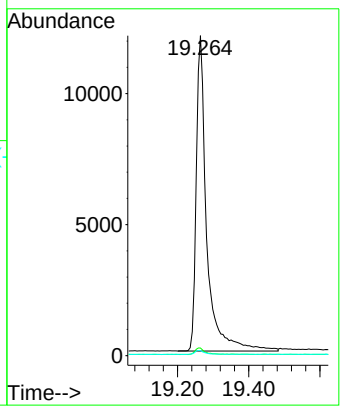
Instrument :
BNA_E
ClientSampleId :
PB116751BL

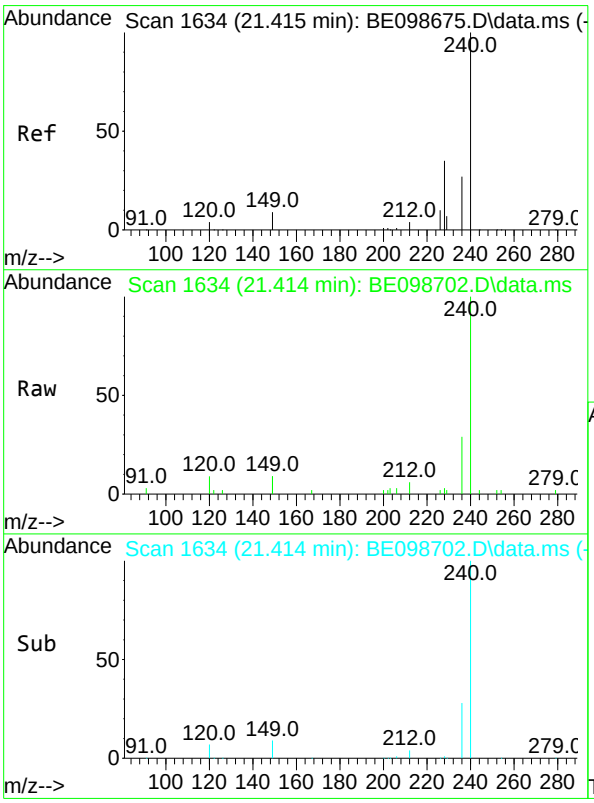


#25
Fluoranthene-d10
Concen: 0.35 ng
RT: 19.264 min Scan# 1392
Delta R.T. 0.005 min
Lab File: BE098702.D
Acq: 4 Feb 2019 10:43

Tgt Ion:212 Resp: 24588

Ion	Ratio	Lower	Upper
212	100		
106	1.9	1.7	2.5
104	1.2	1.0	1.6

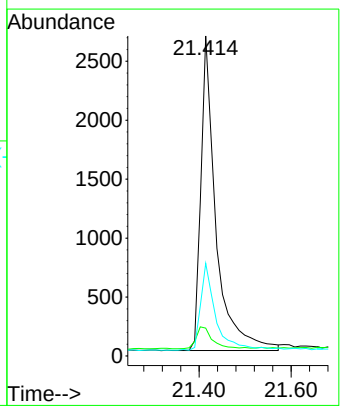




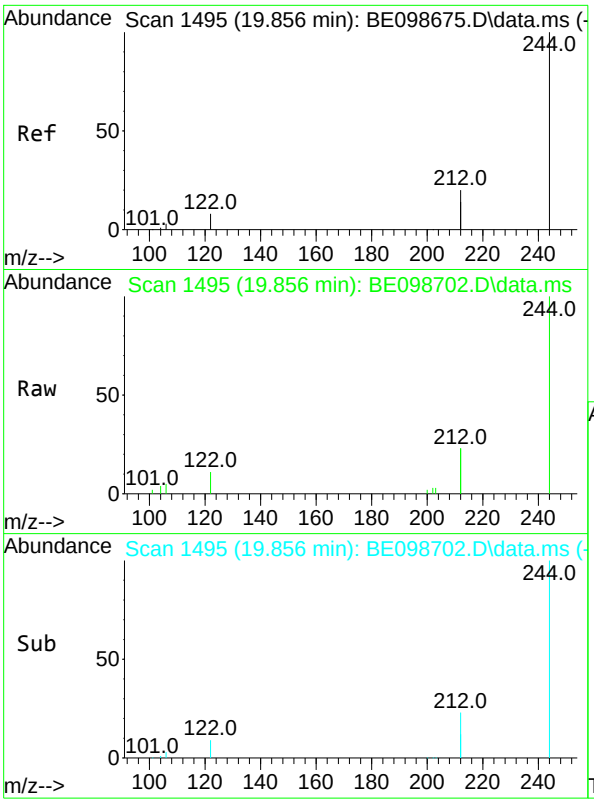
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.414 min Scan# 1634
Delta R.T. -0.001 min
Lab File: BE098702.D
Acq: 4 Feb 2019 10:43

Tgt Ion:240 Resp: 6088

Ion	Ratio	Lower	Upper
240	100		
120	8.7	4.7	7.1#
236	29.0	21.9	32.9



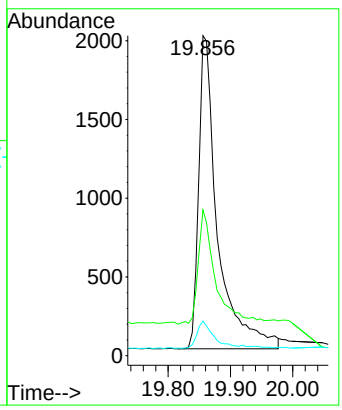
Instrument :
BNA_E
ClientSampleId :
PB116751BL

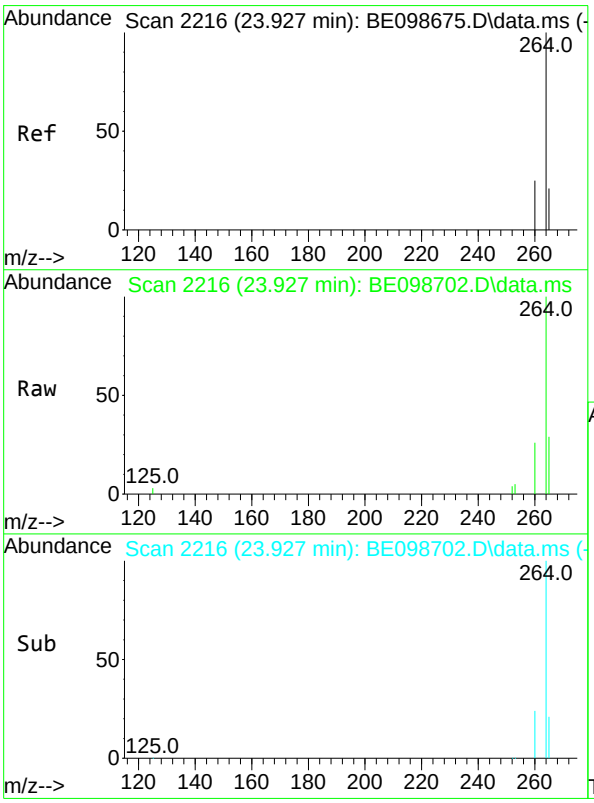


#29
Terphenyl-d14
Concen: 0.28 ng
RT: 19.856 min Scan# 1495
Delta R.T. -0.000 min
Lab File: BE098702.D
Acq: 4 Feb 2019 10:43

Tgt Ion:244 Resp: 4194

Ion	Ratio	Lower	Upper
244	100		
212	45.6	29.4	44.2#
122	10.8	7.1	10.7#





#34
Perylene-d12
Concen: 0.40 ng
RT: 23.927 min Scan# 2216
Delta R.T. -0.000 min
Lab File: BE098702.D
Acq: 4 Feb 2019 10:43

Tgt Ion:264 Resp: 5972

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.5	30.7
265	29.2	22.3	33.5