Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121318\
Data File : BE098428.D
Acq On : 14 Dec 2018 10:20
Operator : SJ/JU
Sample : J6343-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : BP-HN-MW29D-20181209

Quant Time: Dec 14 15:19:08 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	873	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	3710	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2436	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	6414	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	7797	0.40	ng	0.00
34) Perylene-d12	23.99	264	7314	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	469	0.23	ng	0.00
5) Phenol-d6	7.04	99	390	0.13	ng	0.00
8) Nitrobenzene-d5	9.03	82	1384	0.41	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	2439	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	533	0.60	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	5340	0.52	ng	0.00
25) Fluoranthene-d10	19.30	212	36027	0.44	ng	0.00
29) Terphenyl-d14	19.89	244	8575	0.45	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	393	0.260	ng	# 56
32) Bis(2-ethylhexyl)phthalate	21.35	149	9936	0.220	ng	100

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

Quantitation Report (QT Reviewed)

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Quant Time: Dec 14 15:19:08 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
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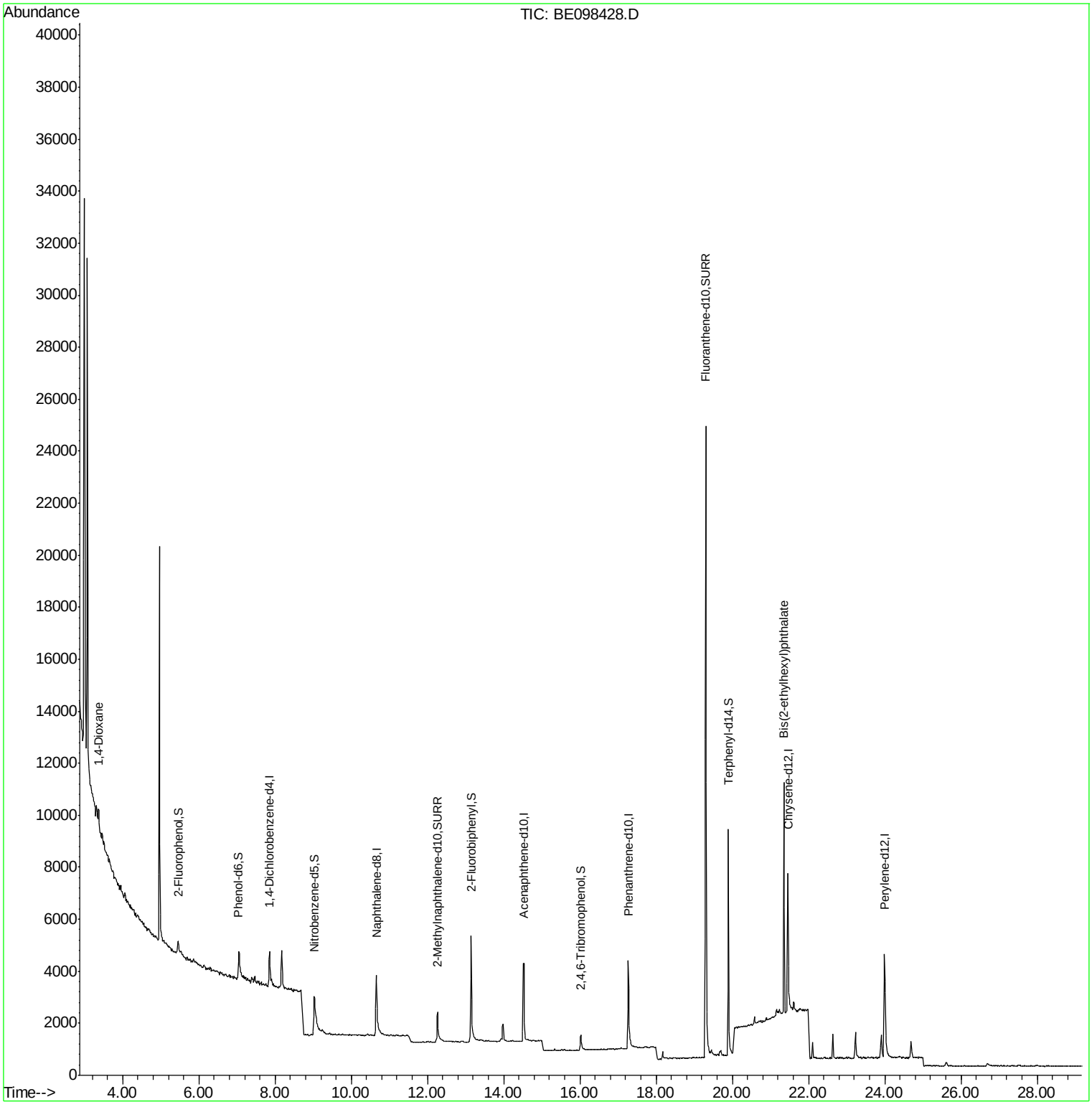
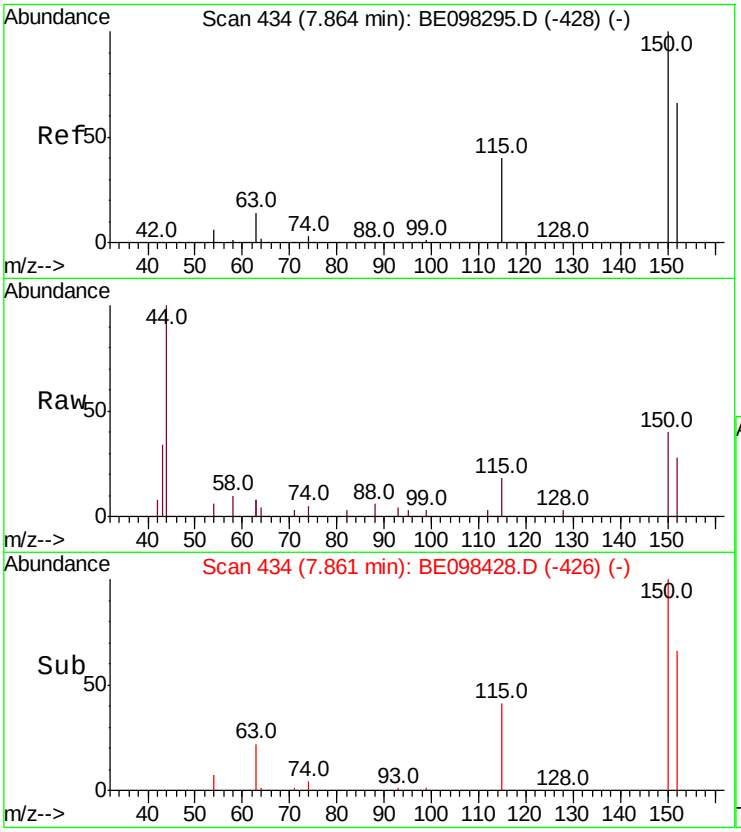


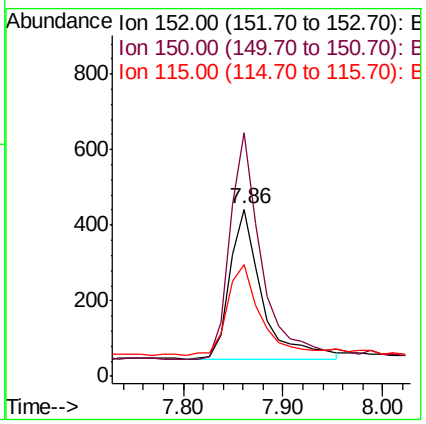


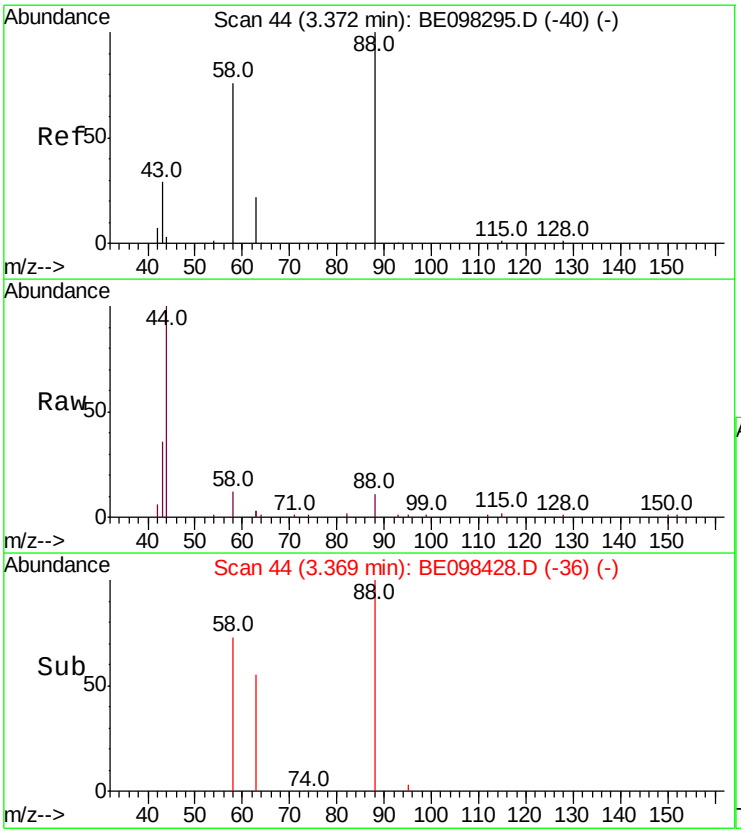
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098428.D
Acq: 14 Dec 2018 10:20

Instrument :
BNA_E
ClientSampleId :
BP-HN-MW29D-20181209

Tgt Ion:152 Resp: 873

Ion	Ratio	Lower	Upper
152	100		
150	145.7	124.2	186.4
115	66.7	53.9	80.9

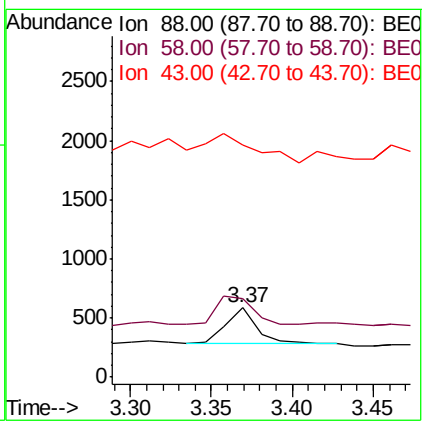


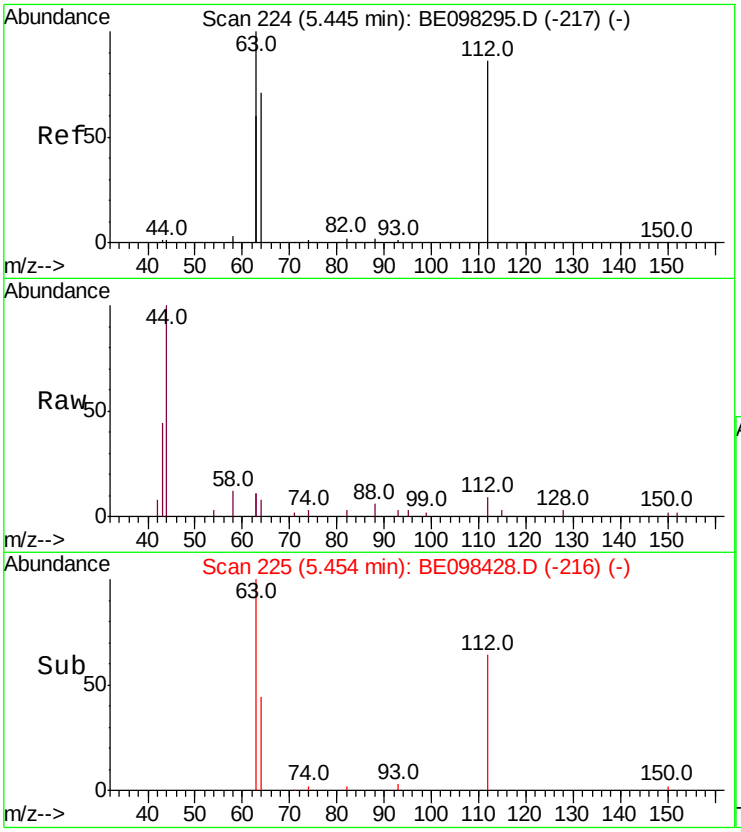


#2
1,4-Dioxane
Concen: 0.260 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098428.D
Acq: 14 Dec 2018 10:20

Tgt Ion: 88 Resp: 393

Ion	Ratio	Lower	Upper
88	100		
58	95.2	75.0	112.6
43	132.8	38.3	57.5#



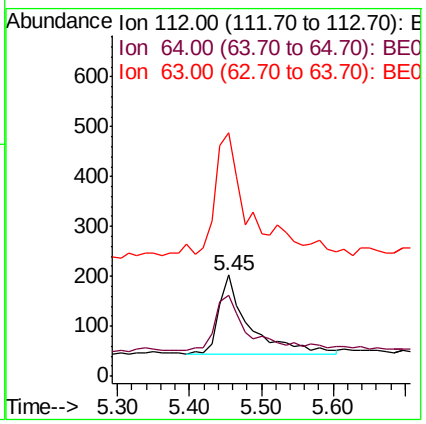


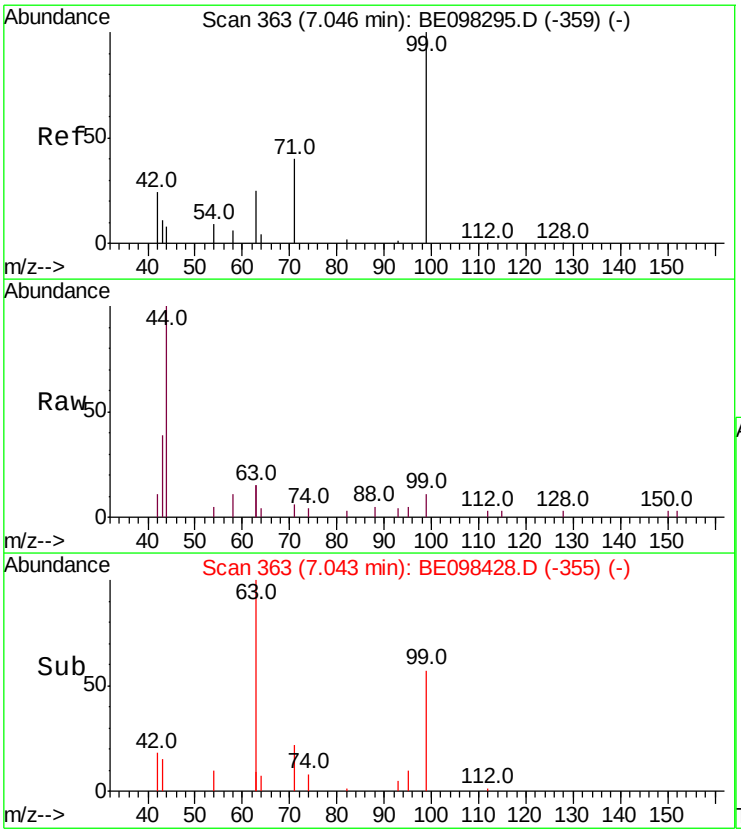
#4
2-Fluorophenol
Concen: 0.230 ng
RT: 5.45 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE098428.D
Acq: 14 Dec 2018 10:20

Instrument :
BNA_E
ClientSampleId :
BP-HN-MW29D-20181209

Tgt Ion:112 Resp: 469

Ion	Ratio	Lower	Upper
112	100		
64	77.6	59.8	89.8
63	143.7	133.7	200.5

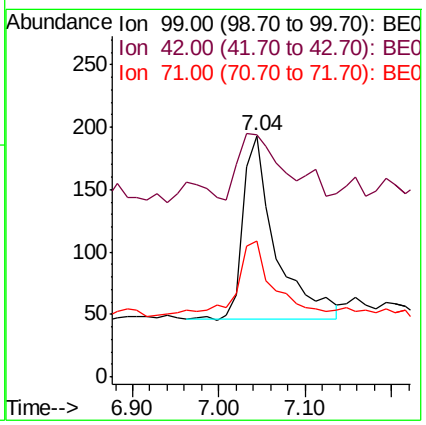


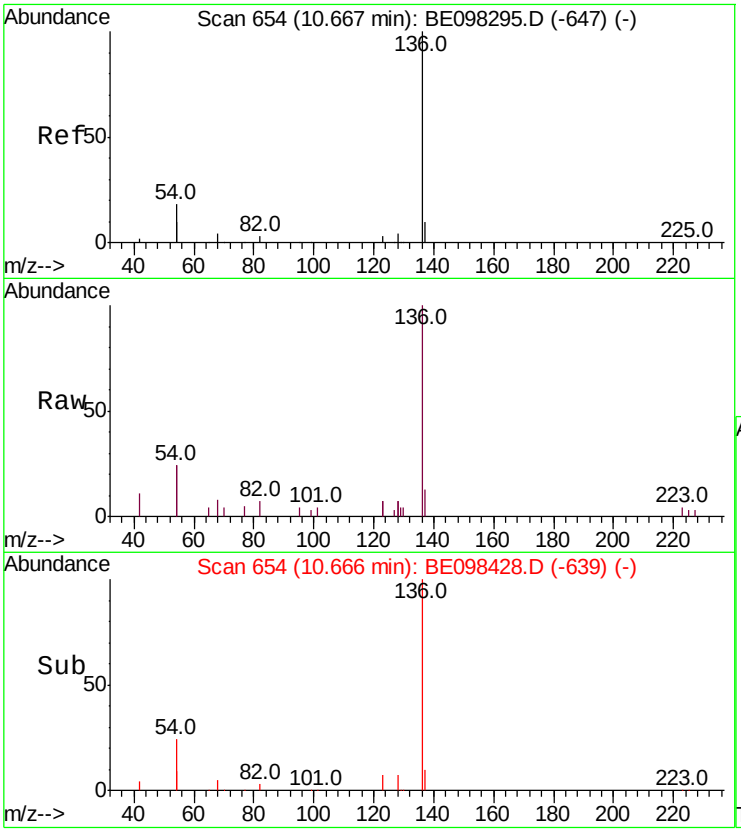


#5
Phenol-d6
Concen: 0.135 ng
RT: 7.04 min Scan# 363
Delta R.T. -0.00 min
Lab File: BE098428.D
Acq: 14 Dec 2018 10:20

Tgt Ion: 99 Resp: 390

Ion	Ratio	Lower	Upper
99	100		
42	57.7	26.3	39.5#
71	36.9	33.6	50.4



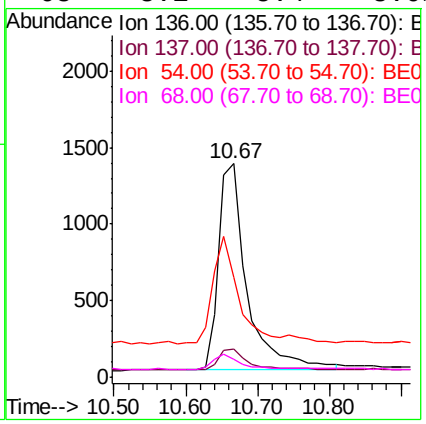


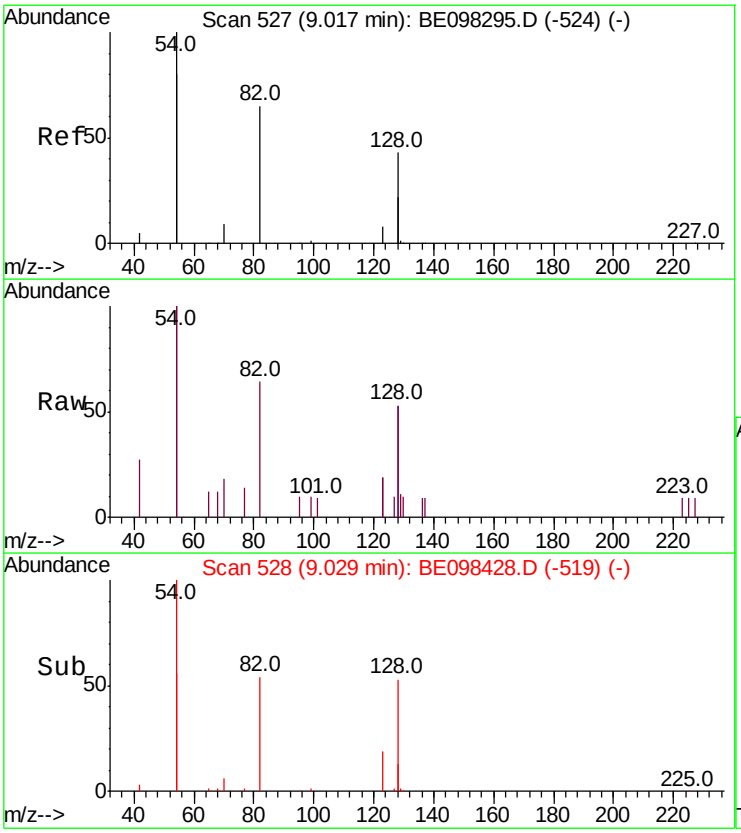
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.00 min
Lab File: BE098428.D
Acq: 14 Dec 2018 10:20

Instrument :
BNA_E
ClientSampleId :
BP-HN-MW29D-20181209

Tgt Ion:136 Resp: 3710

Ion	Ratio	Lower	Upper
136	100		
137	13.5	9.2	13.8
54	47.0	28.4	42.6#
68	8.1	5.4	8.0#

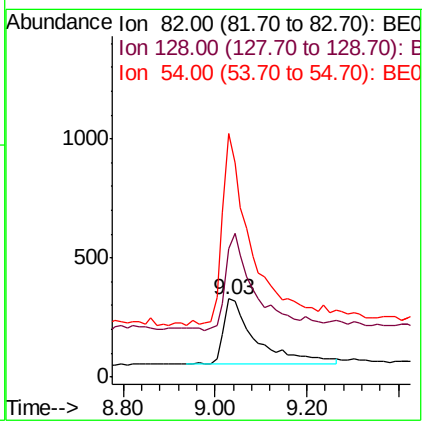


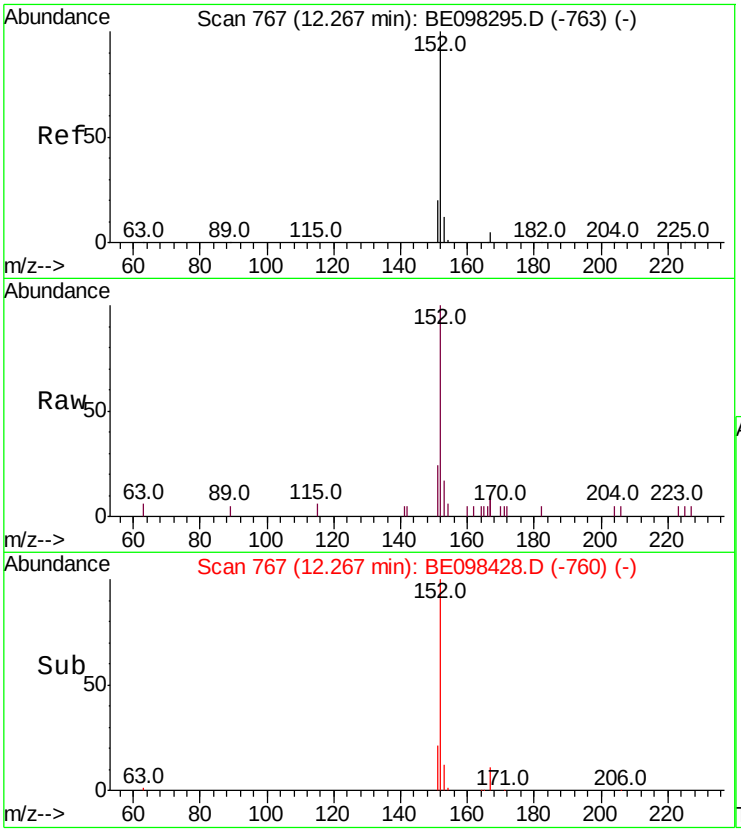


#8
Nitrobenzene-d5
Concen: 0.410 ng
RT: 9.03 min Scan# 528
Delta R.T. 0.01 min
Lab File: BE098428.D
Acq: 14 Dec 2018 10:20

Tgt Ion: 82 Resp: 1384

Ion	Ratio	Lower	Upper
82	100		
128	164.0	102.4	153.6#
54	311.6	221.8	332.8



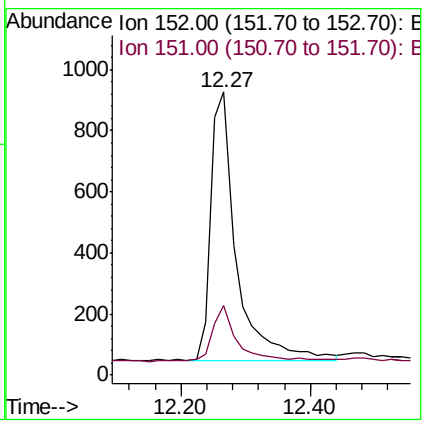


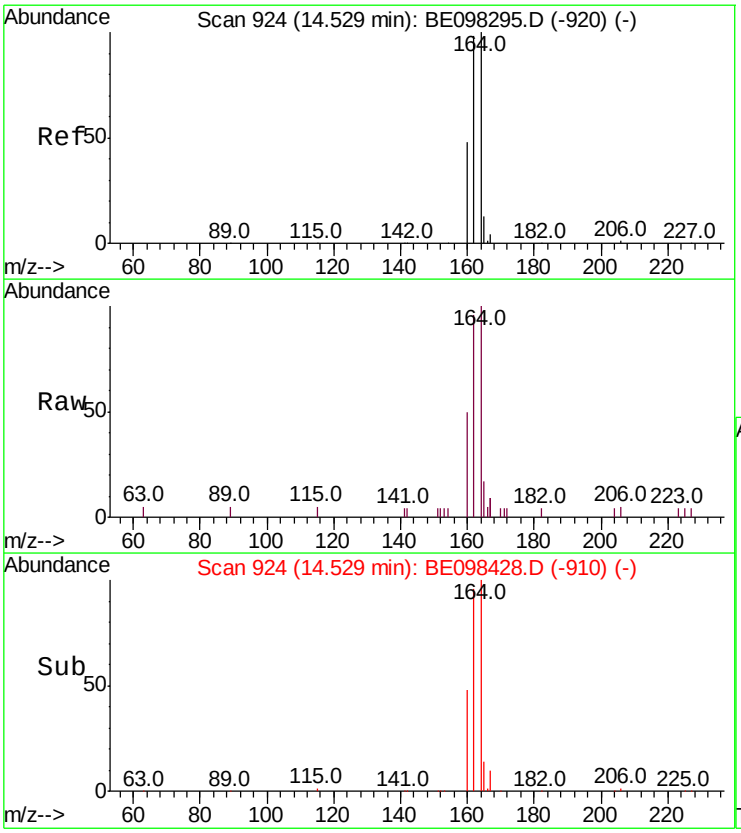
#11
2-Methylnaphthalene-d10
Concen: 0.404 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE098428.D
Acq: 14 Dec 2018 10:20

Instrument :
BNA_E
ClientSampleId :
BP-HN-MW29D-20181209

Tgt Ion:152 Resp: 2439

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.2	24.4

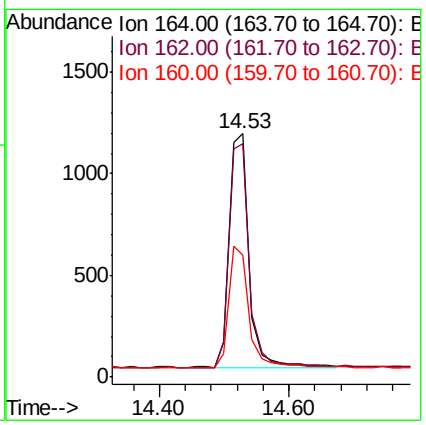


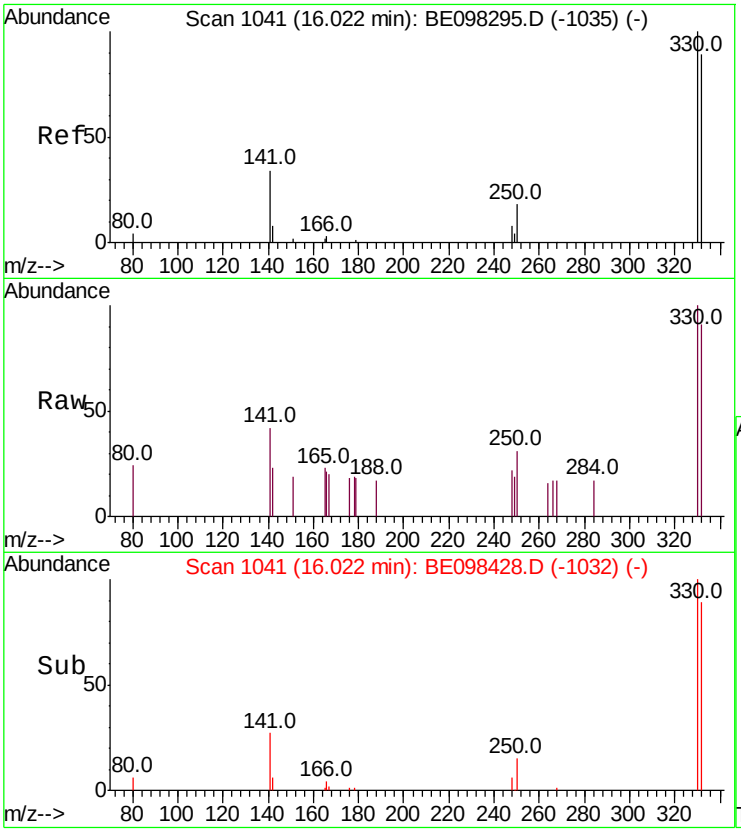


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098428.D
Acq: 14 Dec 2018 10:20

Tgt Ion:164 Resp: 2436

Ion	Ratio	Lower	Upper
164	100		
162	96.0	77.6	116.4
160	49.9	36.0	54.0



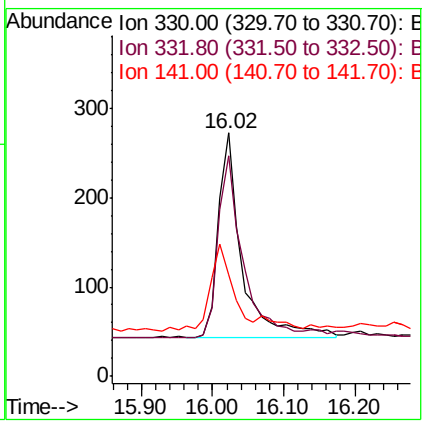


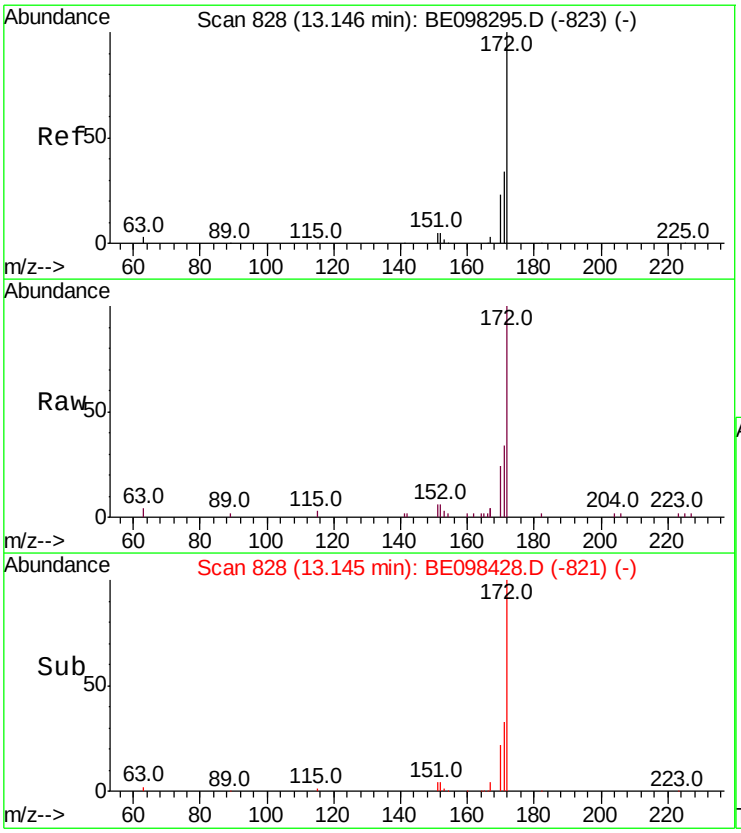
#14
2,4,6-Tribromophenol
Concen: 0.596 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098428.D
Acq: 14 Dec 2018 10:20

Instrument :
BNA_E
ClientSampleId :
BP-HN-MW29D-20181209

Tgt Ion:330 Resp: 533

Ion	Ratio	Lower	Upper
330	100		
332	91.6	76.2	114.4
141	37.7	39.0	58.4#

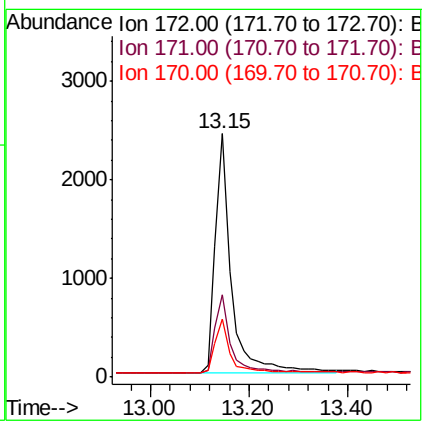


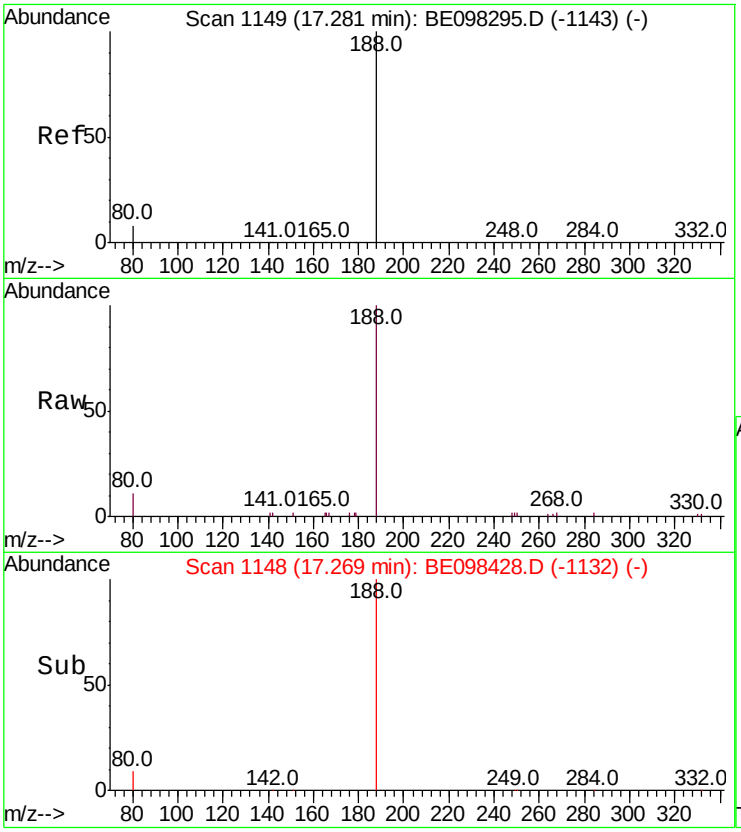


#15
2-Fluorobiphenyl
Concen: 0.520 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098428.D
Acq: 14 Dec 2018 10:20

Tgt Ion:172 Resp: 5340

Ion	Ratio	Lower	Upper
172	100		
171	33.9	27.5	41.3
170	23.8	19.6	29.4



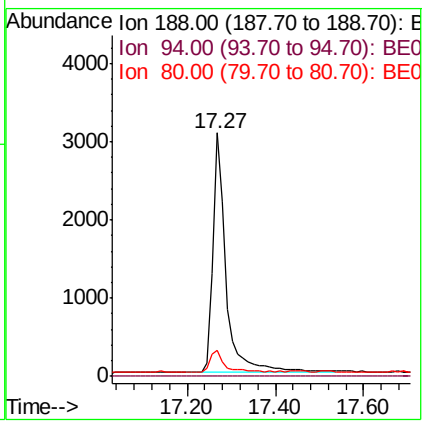


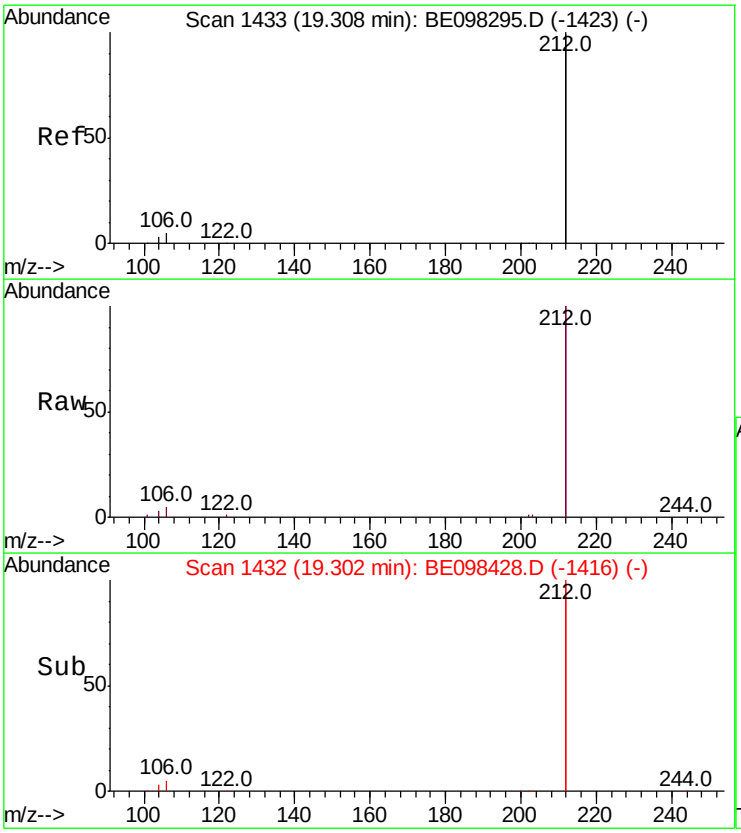
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BE098428.D
Acq: 14 Dec 2018 10:20

Instrument :
BNA_E
ClientSampleId :
BP-HN-MW29D-20181209

Tgt Ion:188 Resp: 6414

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

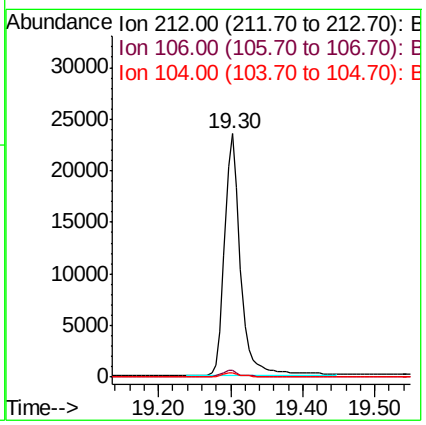


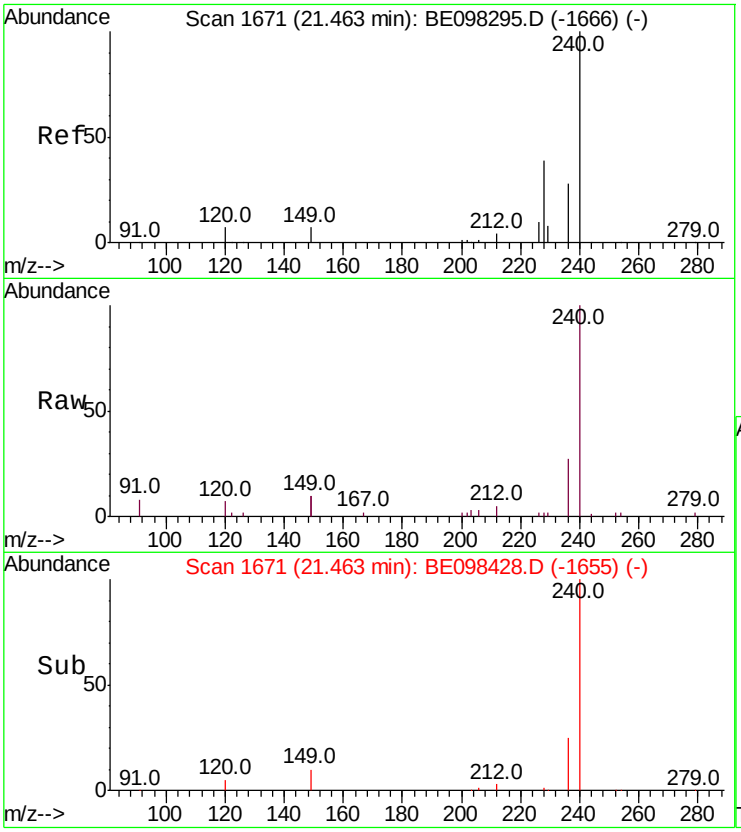


#25
Fluoranthene-d10
Concen: 0.438 ng
RT: 19.30 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BE098428.D
Acq: 14 Dec 2018 10:20

Tgt Ion:212 Resp: 36027

Ion	Ratio	Lower	Upper
212	100		
106	2.5	2.2	3.2
104	1.5	1.3	1.9



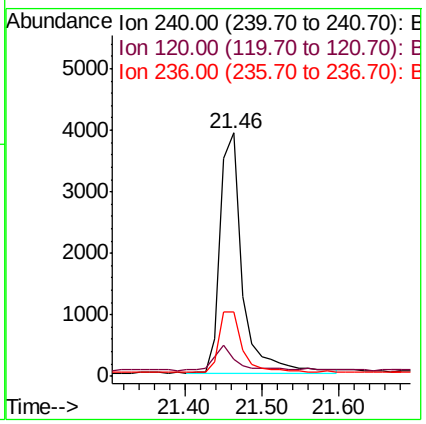


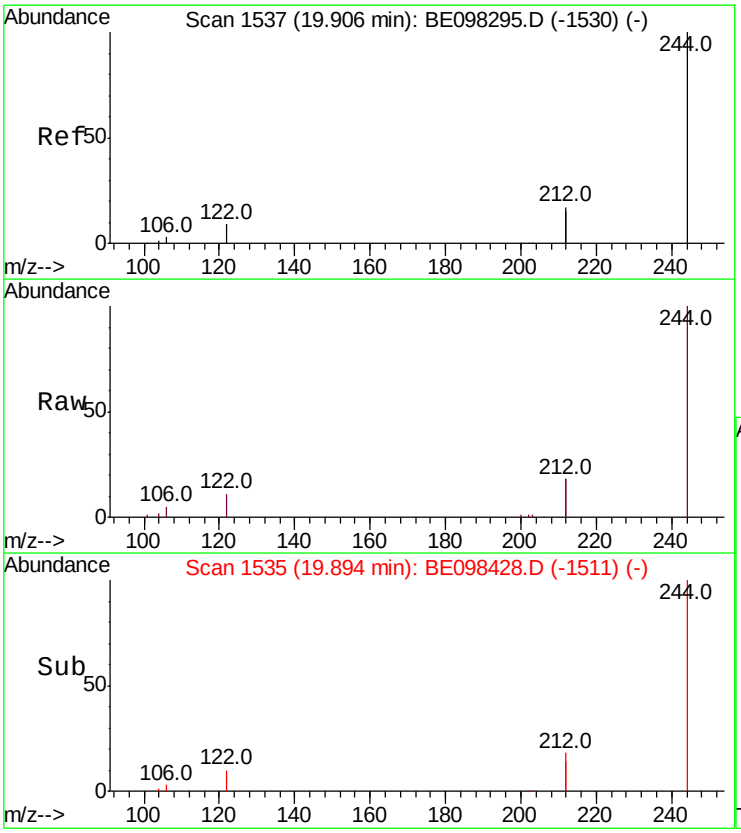
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098428.D
Acq: 14 Dec 2018 10:20

Instrument :
BNA_E
ClientSampleId :
BP-HN-MW29D-20181209

Tgt Ion:240 Resp: 7797

Ion	Ratio	Lower	Upper
240	100		
120	7.1	9.5	14.3#
236	26.6	22.7	34.1

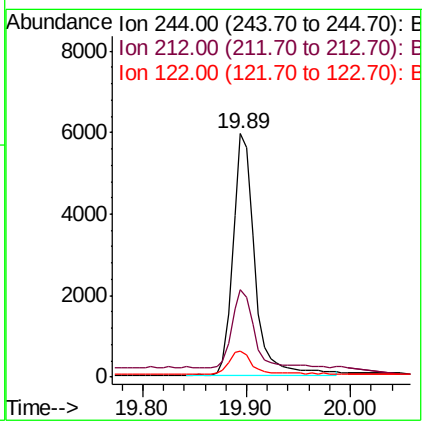


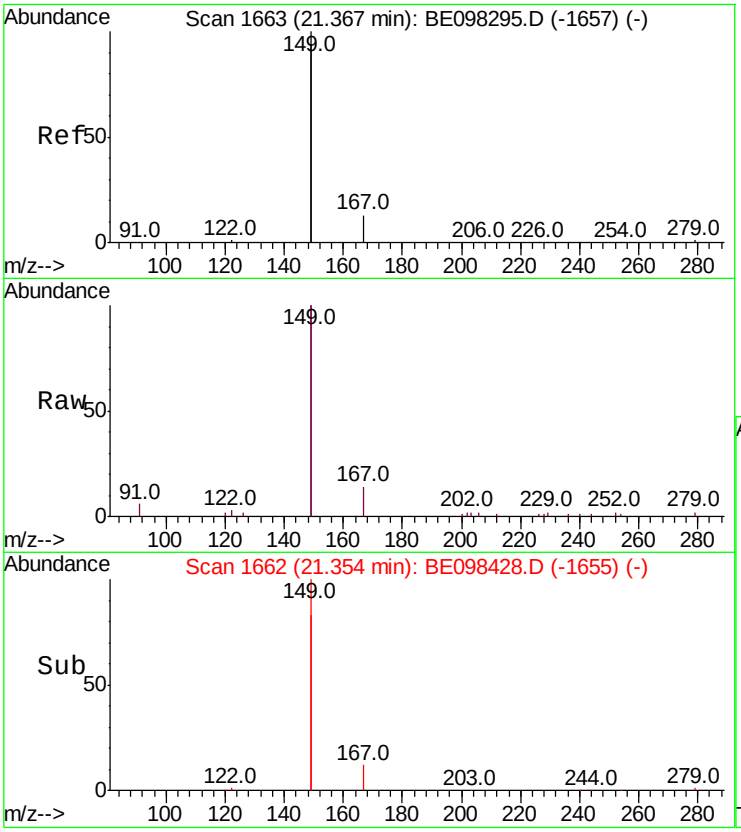


#29
Terphenyl-d14
Concen: 0.453 ng
RT: 19.89 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BE098428.D
Acq: 14 Dec 2018 10:20

Tgt Ion:244 Resp: 8575

Ion	Ratio	Lower	Upper
244	100		
212	36.0	27.4	41.0
122	10.8	8.3	12.5



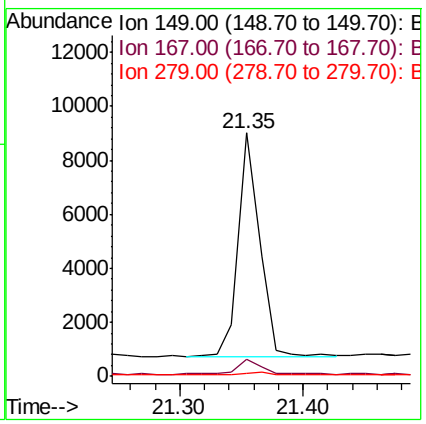


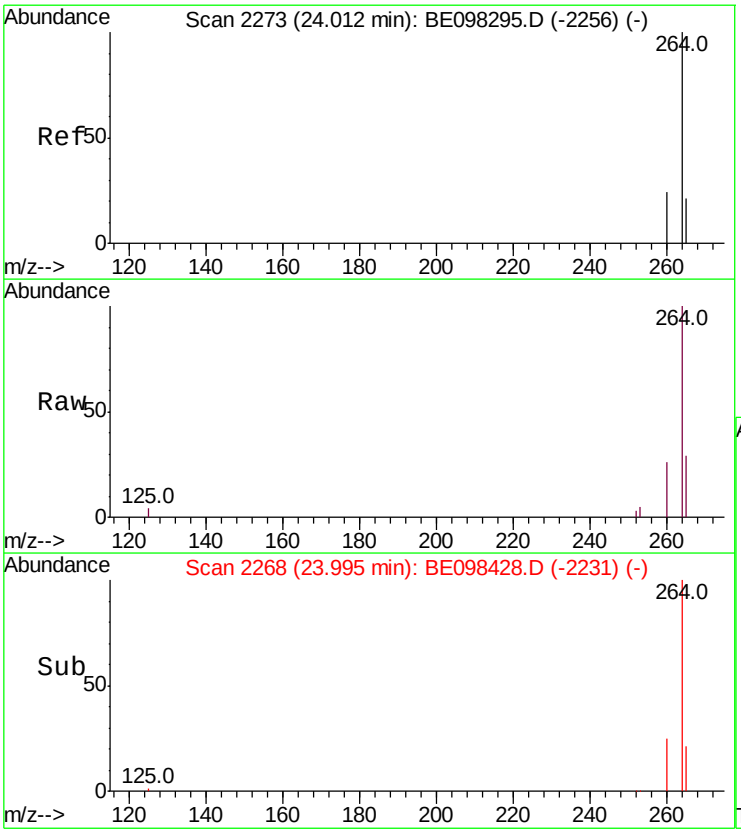
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.220 ng
RT: 21.35 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BE098428.D
Acq: 14 Dec 2018 10:20

Instrument :
BNA_E
ClientSampleId :
BP-HN-MW29D-20181209

Tgt Ion:149 Resp: 9936

Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.7	8.5
279	1.1	1.0	1.4





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.99 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BE098428.D
Acq: 14 Dec 2018 10:20

Tgt Ion:264 Resp: 7314

Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.2	30.2
265	29.3	25.2	37.8