Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121418\
Data File : BE098445.D
Acq On : 14 Dec 2018 20:55
Operator : SJ/JU
Sample : J6343-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : BP-HN-MW29IR-20181209

Quant Time: Dec 14 23:52:12 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	908	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	3907	0.40	ng		0.00
13) Acenaphthene-d10	14.53	164	2558	0.40	ng		0.00
19) Phenanthrene-d10	17.27	188	6437	0.40	ng		-0.01
27) Chrysene-d12	21.46	240	8063	0.40	ng		0.00
34) Perylene-d12	24.00	264	7696	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	468	0.22	ng		0.00
5) Phenol-d6	7.04	99	498	0.17	ng		0.00
8) Nitrobenzene-d5	9.04	82	1374	0.39	ng		0.03
11) 2-Methylnaphthalene-d10	12.27	152	2536	0.40	ng		0.00
14) 2,4,6-Tribromophenol	16.02	330	563	0.60	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	5240	0.49	ng		0.00
25) Fluoranthene-d10	19.30	212	37183	0.45	ng		0.00
29) Terphenyl-d14	19.89	244	9326	0.48	ng		-0.01
Target Compounds							Qvalue
23) Phenanthrene	17.32	178	639	0.041	ng	#	91
26) Fluoranthene	19.33	202	1718	0.083	ng		98
28) Pyrene	19.69	202	1576	0.062	ng	#	94
30) Benzo(a)anthracene	21.44	228	789	0.034	ng	#	78
31) Chrysene	21.50	228	1010	0.042	ng	#	85
32) Bis(2-ethylhexyl)phthalate	21.35	149	7783	0.167	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.70	276	682	0.028	ng	#	73
39) Benzo(g,h,i)perylene	27.52	276	658	0.032	ng	#	67

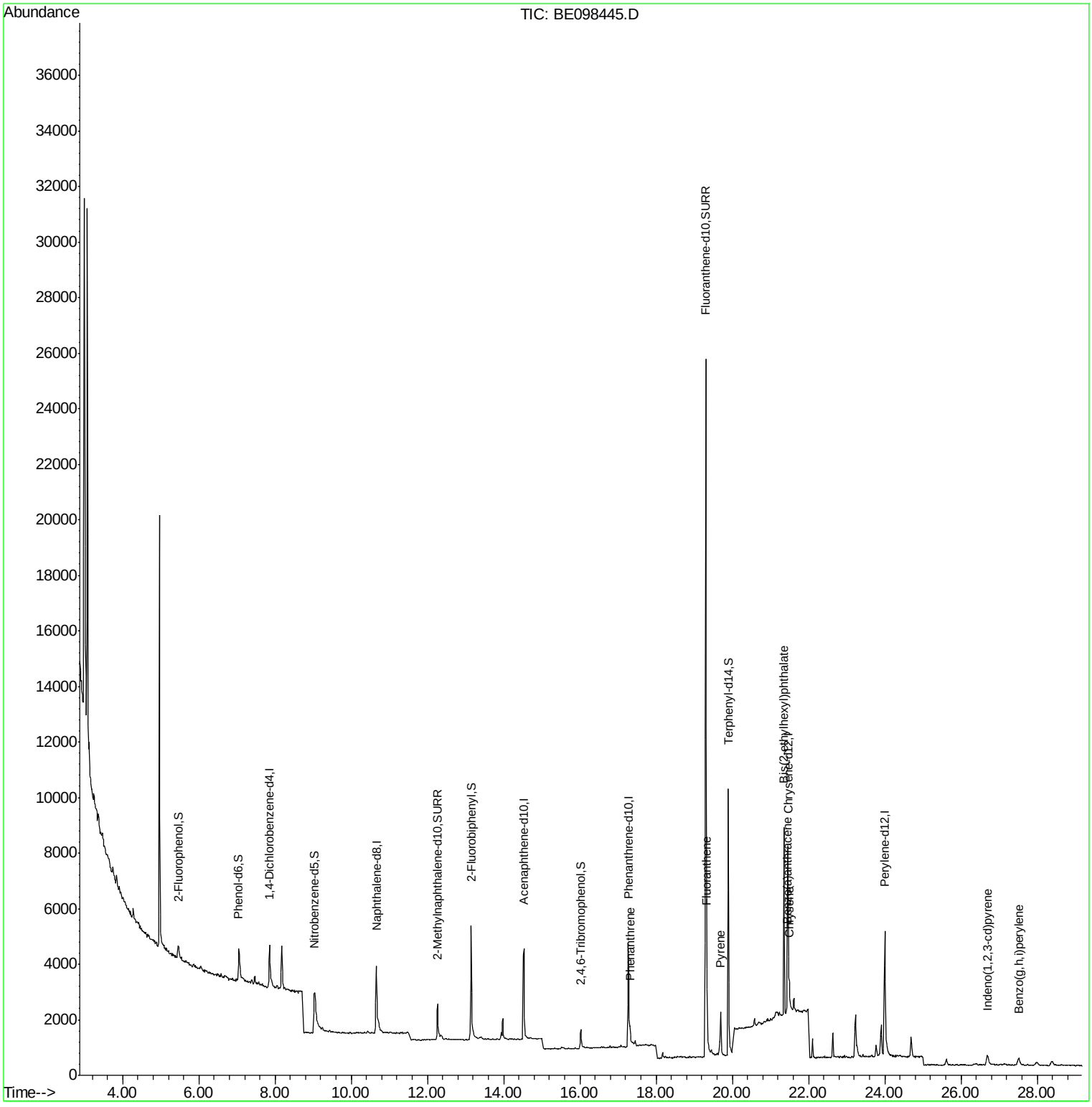
(#) = qualifier out of range (m) = manual integration (+) = signals summed

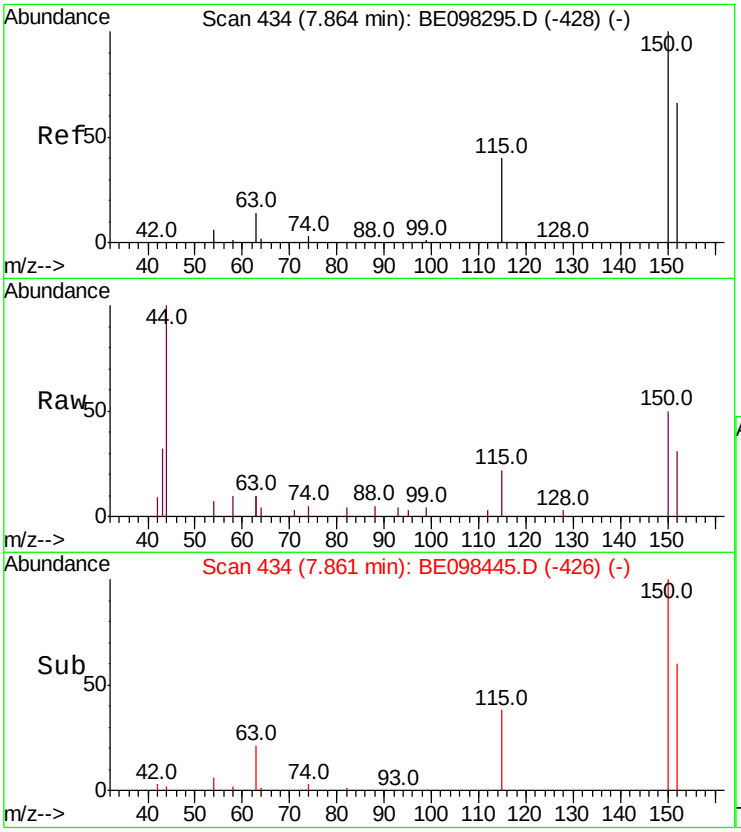
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121418\
Data File : BE098445.D
Acq On : 14 Dec 2018 20:55
Operator : SJ/JU
Sample : J6343-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
BP-HN-MW29IR-20181209

Quant Time: Dec 14 23:52:12 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



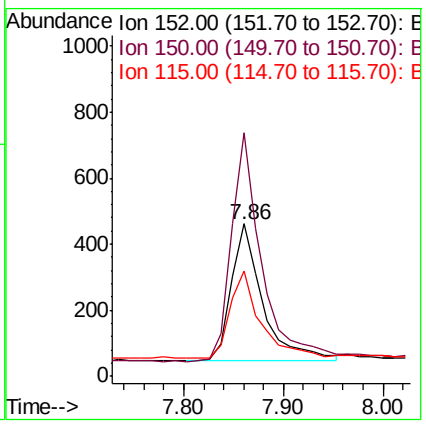


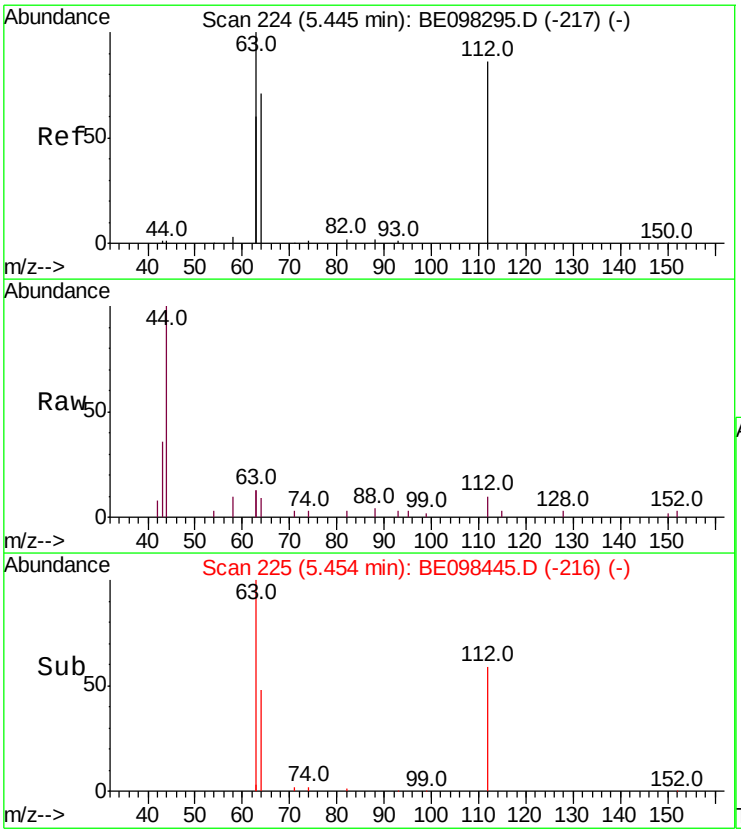
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098445.D
Acq: 14 Dec 2018 20:55

Instrument :
BNA_E
ClientSampleId :
BP-HN-MW29IR-20181209

Tgt Ion:152 Resp: 908

Ion	Ratio	Lower	Upper
152	100		
150	159.9	124.2	186.4
115	69.0	53.9	80.9

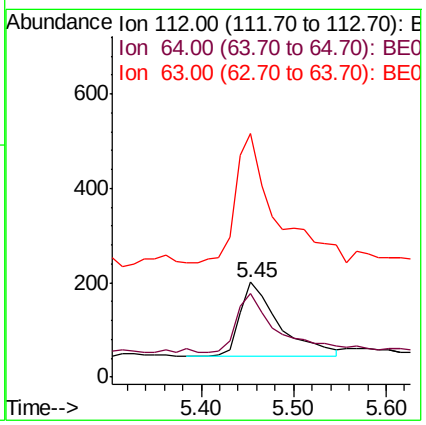


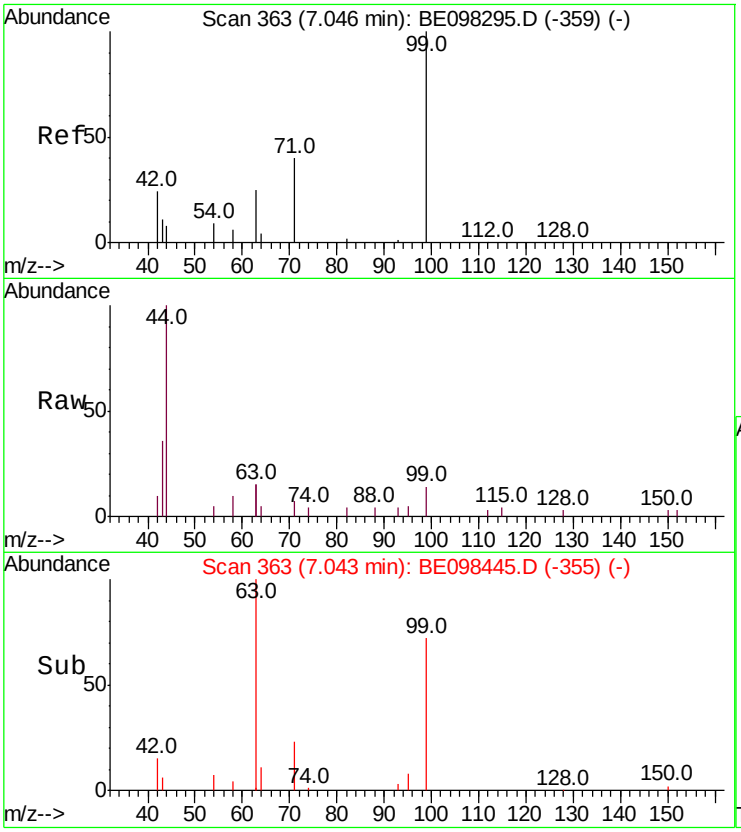


#4
2-Fluorophenol
Concen: 0.220 ng
RT: 5.45 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE098445.D
Acq: 14 Dec 2018 20:55

Tgt Ion:112 Resp: 468

Ion	Ratio	Lower	Upper
112	100		
64	92.5	59.8	89.8#
63	173.3	133.7	200.5



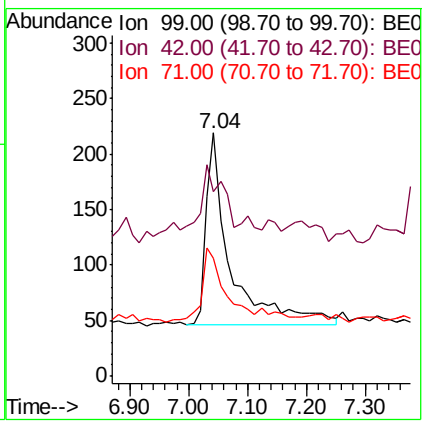


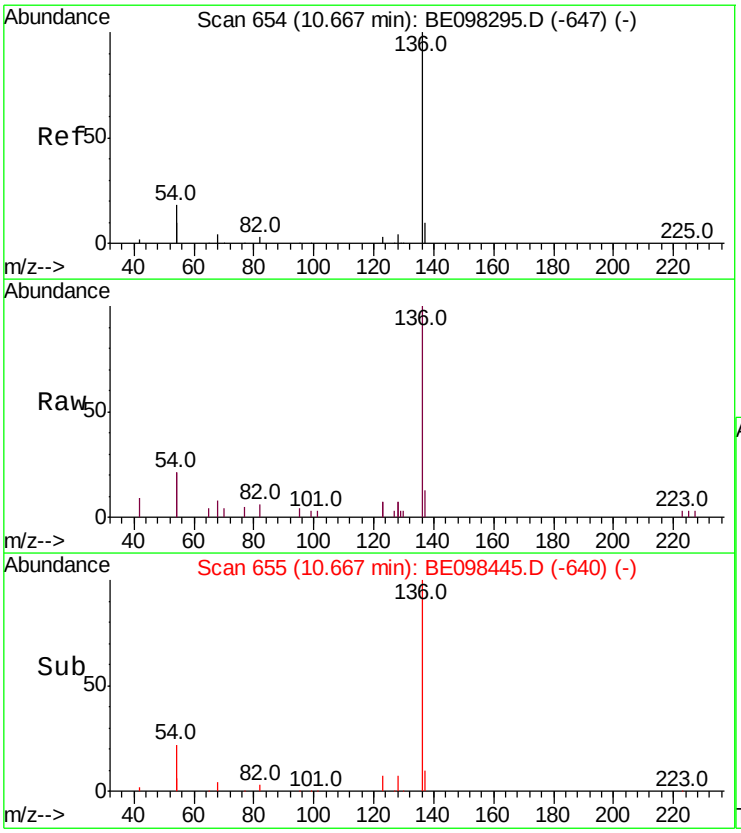
#5
Phenol-d6
Concen: 0.165 ng
RT: 7.04 min Scan# 363
Delta R.T. -0.00 min
Lab File: BE098445.D
Acq: 14 Dec 2018 20:55

Instrument :
BNA_E
ClientSampleId :
BP-HN-MW29IR-20181209

Tgt Ion: 99 Resp: 498

Ion	Ratio	Lower	Upper
99	100		
42	31.9	26.3	39.5
71	35.3	33.6	50.4

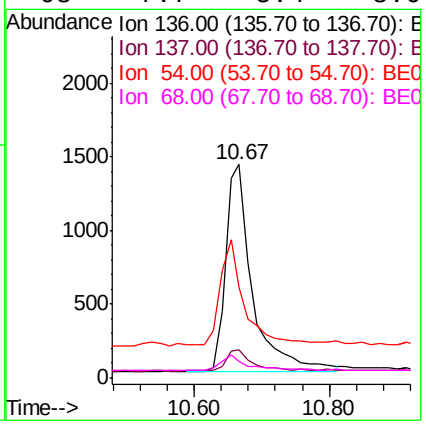


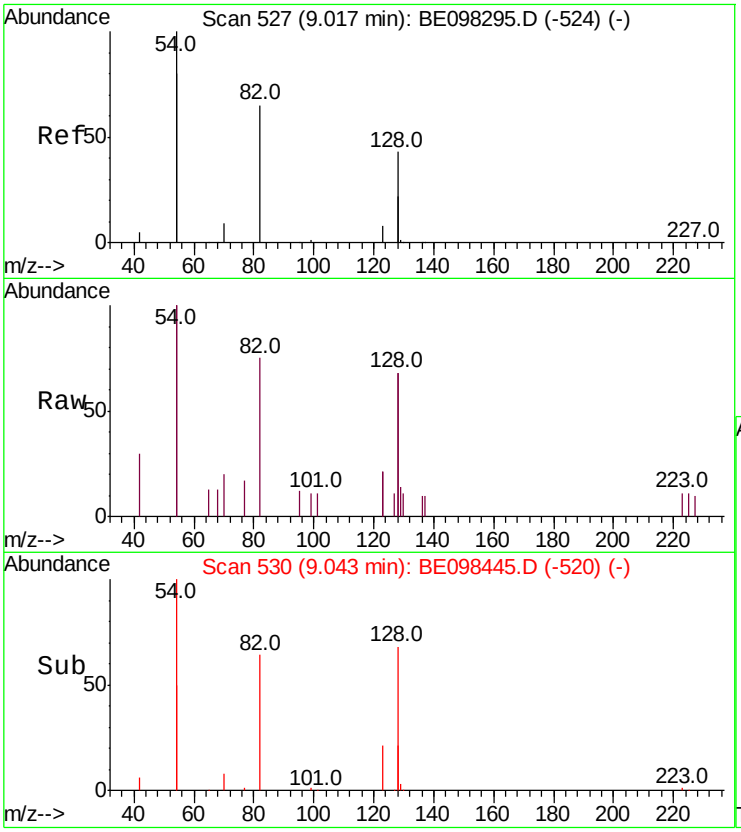


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 655
Delta R.T. 0.00 min
Lab File: BE098445.D
Acq: 14 Dec 2018 20:55

Tgt Ion:136 Resp: 3907

Ion	Ratio	Lower	Upper
136	100		
137	12.9	9.2	13.8
54	42.8	28.4	42.6#
68	7.7	5.4	8.0



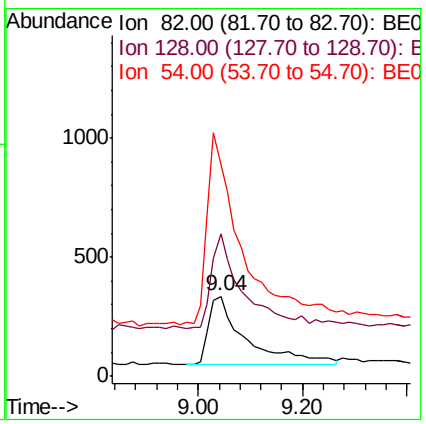


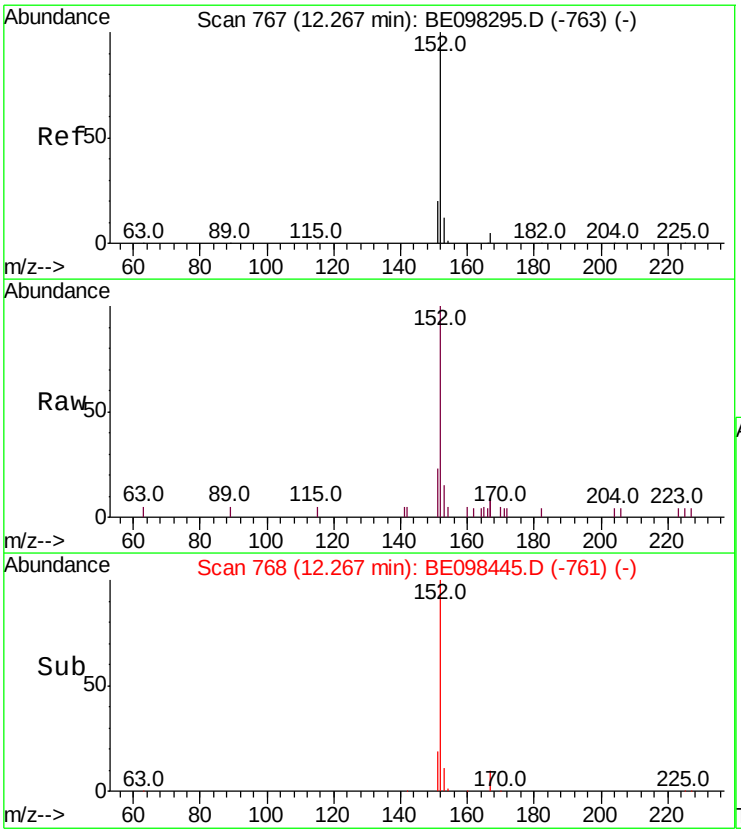
#8
Nitrobenzene-d5
Concen: 0.386 ng
RT: 9.04 min Scan# 530
Delta R.T. 0.03 min
Lab File: BE098445.D
Acq: 14 Dec 2018 20:55

Instrument :
BNA_E
ClientSampleId :
BP-HN-MW29IR-20181209

Tgt Ion: 82 Resp: 1374

Ion	Ratio	Lower	Upper
82	100		
128	179.1	102.4	153.6#
54	265.1	221.8	332.8

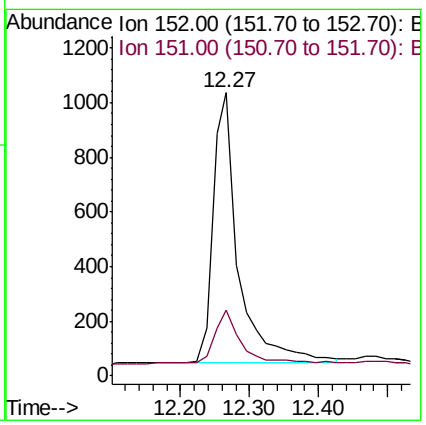


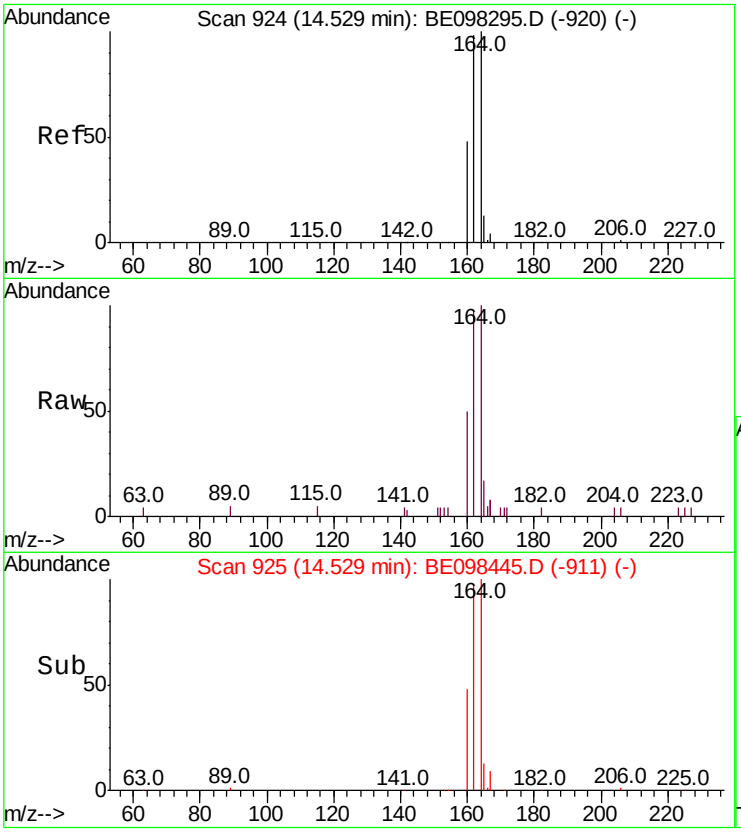


#11
2-Methylnaphthalene-d10
Concen: 0.399 ng
RT: 12.27 min Scan# 768
Delta R.T. -0.00 min
Lab File: BE098445.D
Acq: 14 Dec 2018 20:55

Tgt Ion:152 Resp: 2536

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.2	24.4



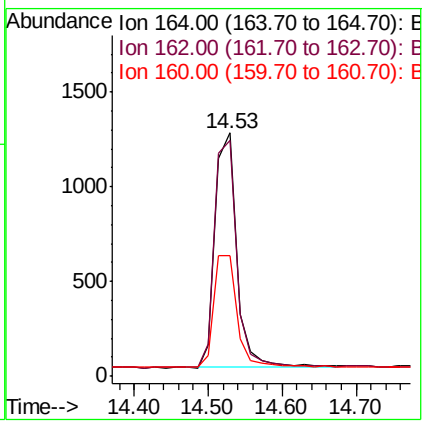


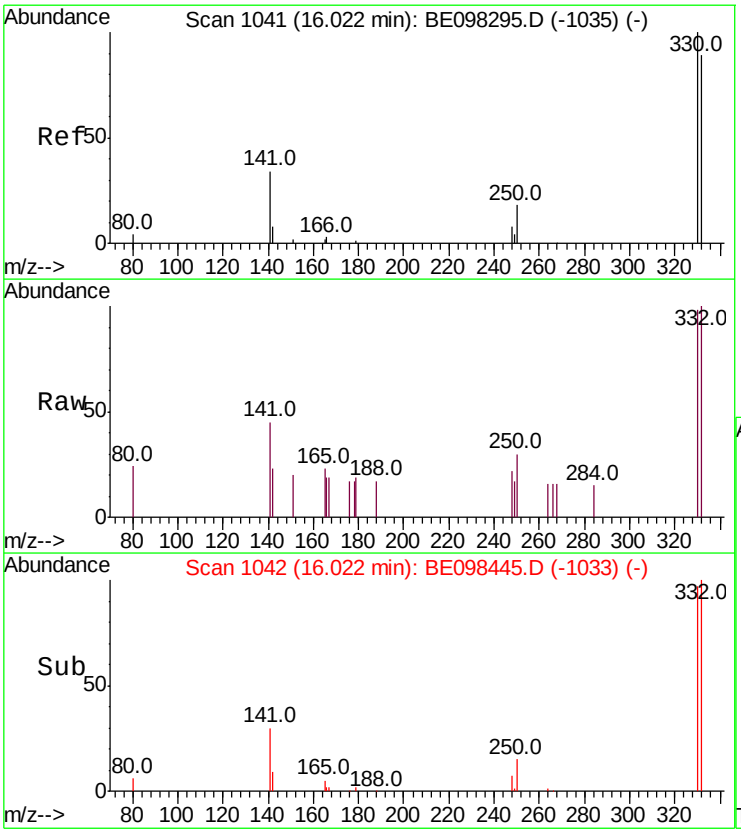
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE098445.D
Acq: 14 Dec 2018 20:55

Instrument :
BNA_E
ClientSampleId :
BP-HN-MW29IR-20181209

Tgt Ion:164 Resp: 2558

Ion	Ratio	Lower	Upper
164	100		
162	96.8	77.6	116.4
160	49.7	36.0	54.0

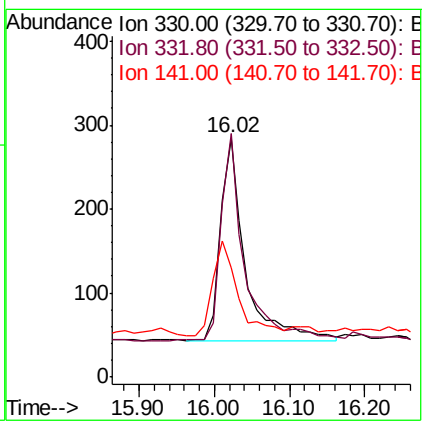


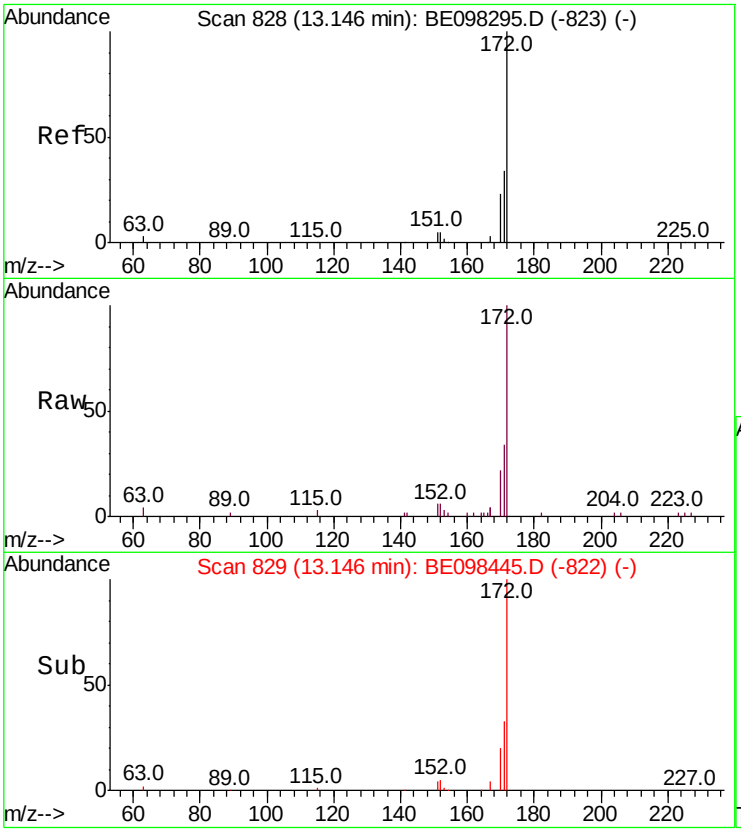


#14
2,4,6-Tribromophenol
Concen: 0.599 ng
RT: 16.02 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BE098445.D
Acq: 14 Dec 2018 20:55

Tgt Ion:330 Resp: 563

Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.2	114.4
141	47.2	39.0	58.4



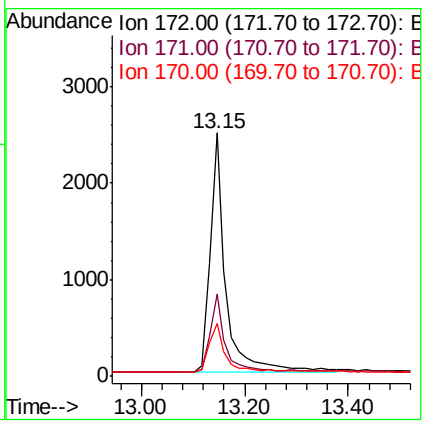


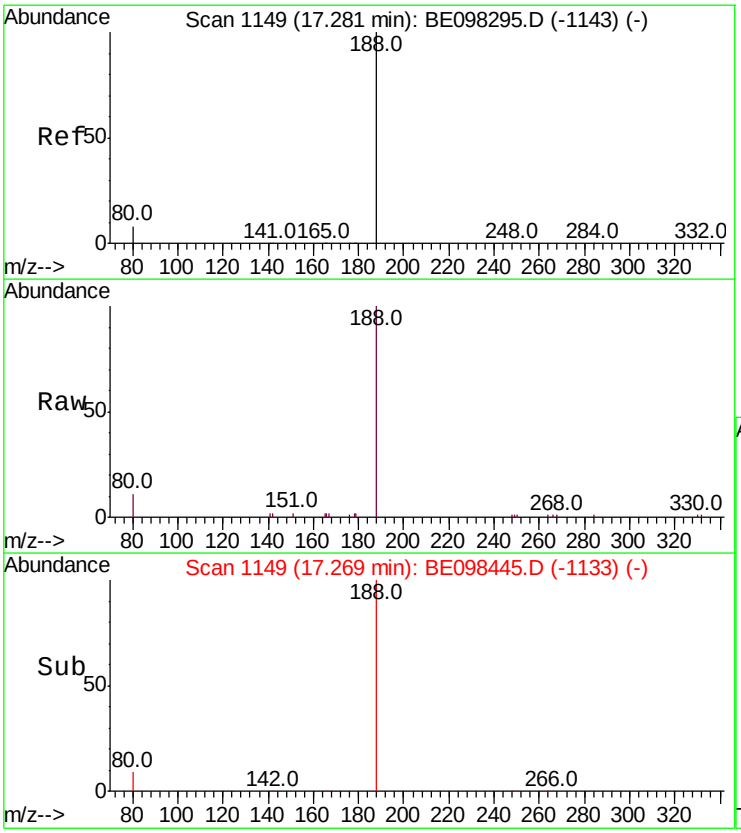
#15
2-Fluorobiphenyl
Concen: 0.486 ng
RT: 13.15 min Scan# 829
Delta R.T. -0.00 min
Lab File: BE098445.D
Acq: 14 Dec 2018 20:55

Instrument :
BNA_E
ClientSampleId :
BP-HN-MW29IR-20181209

Tgt Ion:172 Resp: 5240

Ion	Ratio	Lower	Upper
172	100		
171	33.9	27.5	41.3
170	21.9	19.6	29.4

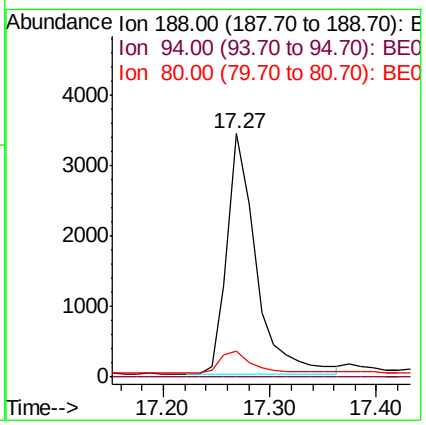


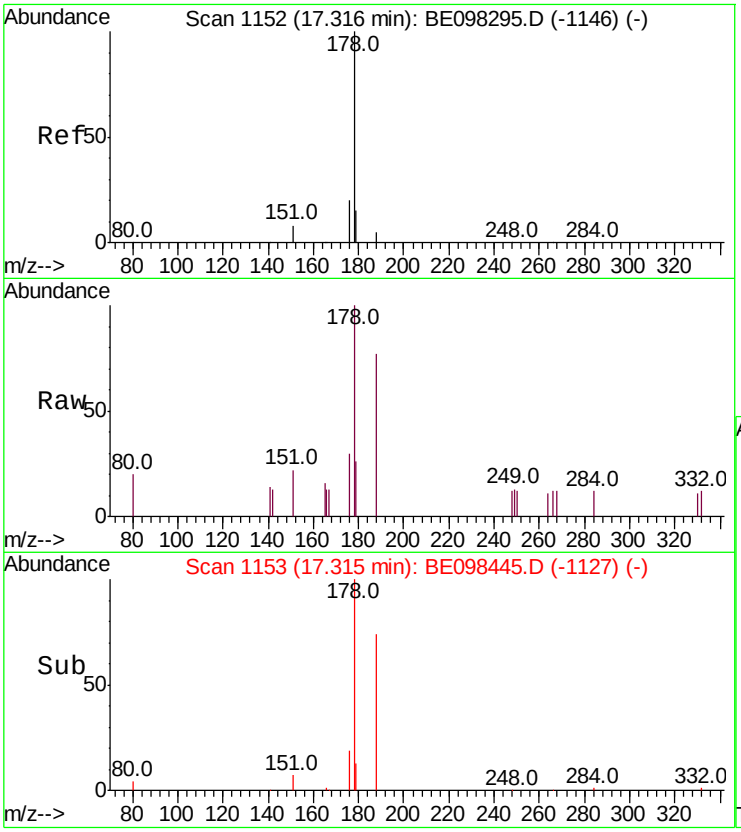


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BE098445.D
Acq: 14 Dec 2018 20:55

Tgt Ion:188 Resp: 6437

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



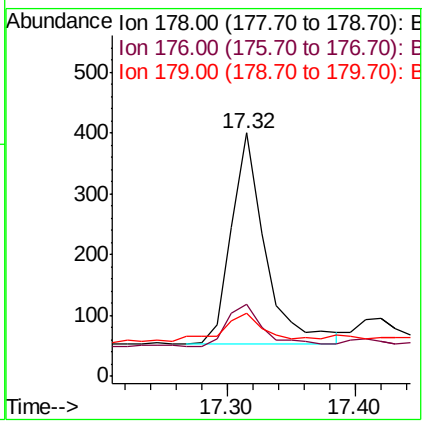


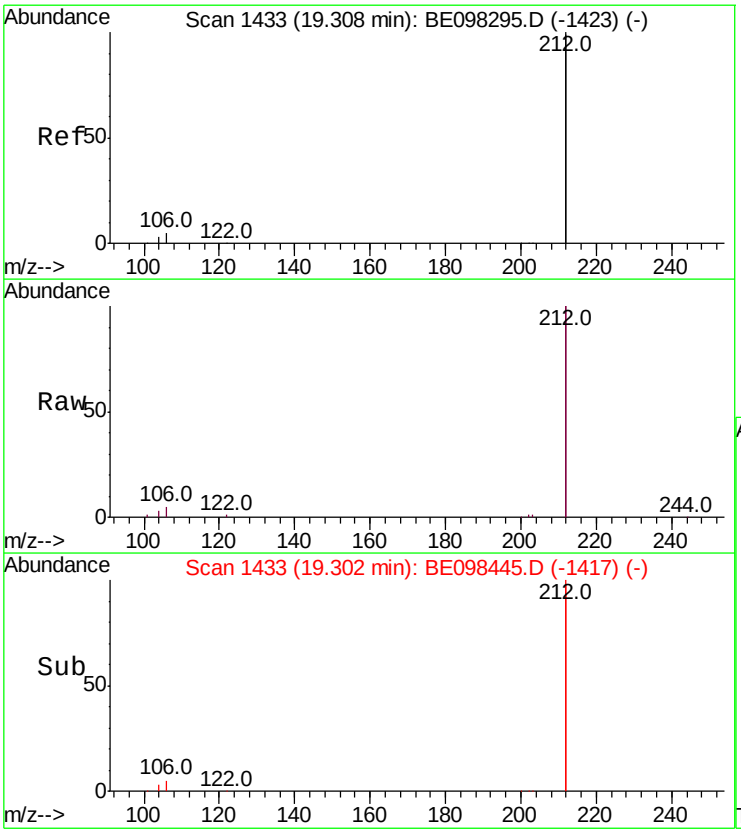
#23
Phenanthrene
Concen: 0.041 ng
RT: 17.32 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BE098445.D
Acq: 14 Dec 2018 20:55

Instrument :
BNA_E
ClientSampleId :
BP-HN-MW29IR-20181209

Tgt Ion:178 Resp: 639

Ion	Ratio	Lower	Upper
178	100		
176	21.3	15.9	23.9
179	22.7	12.3	18.5#

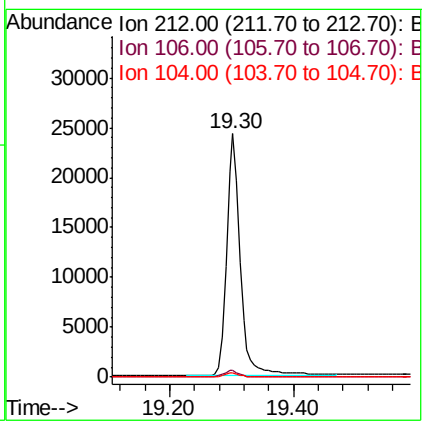


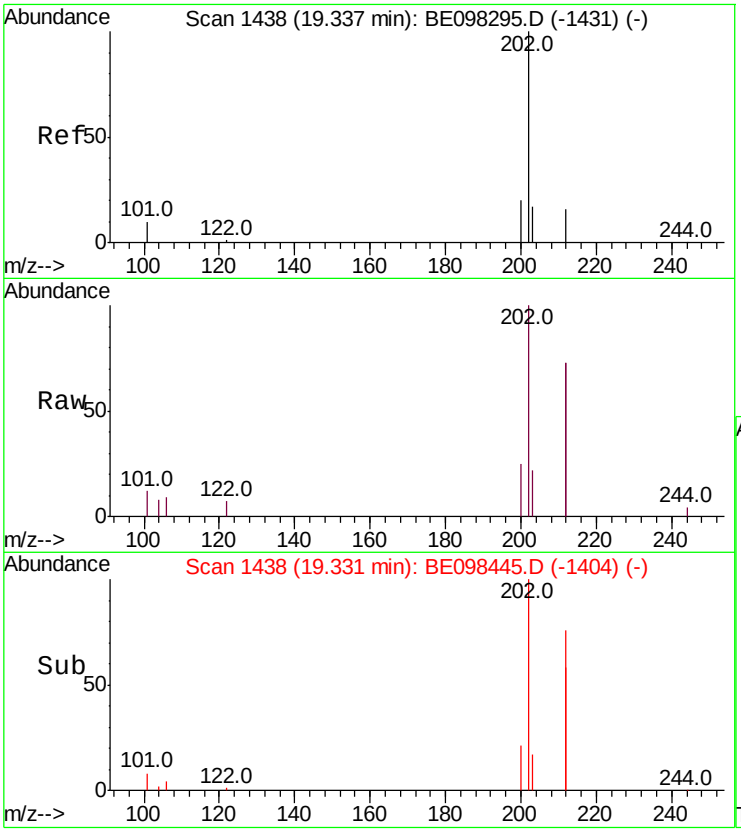


#25
Fluoranthene-d10
Concen: 0.450 ng
RT: 19.30 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BE098445.D
Acq: 14 Dec 2018 20:55

Tgt Ion:212 Resp: 37183

Ion	Ratio	Lower	Upper
212	100		
106	2.5	2.2	3.2
104	1.6	1.3	1.9



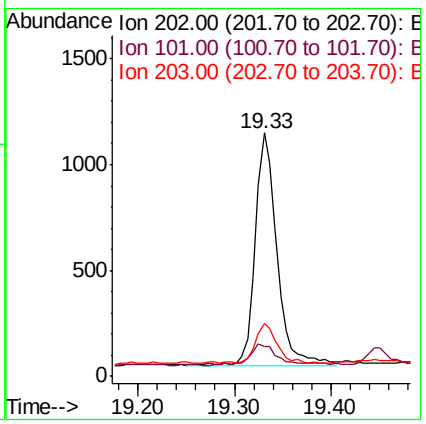


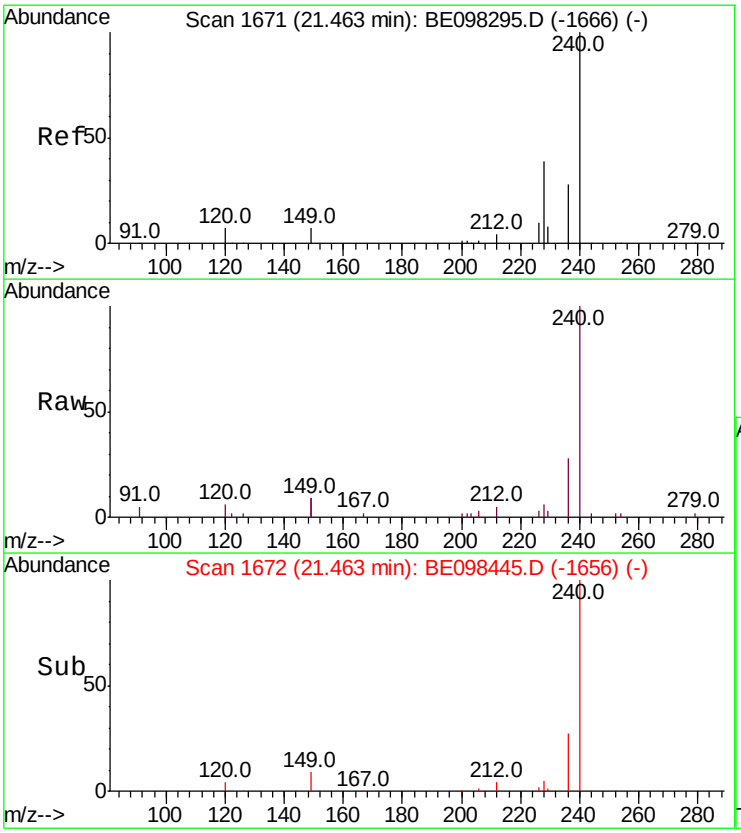
#26
Fluoranthene
Concen: 0.083 ng
RT: 19.33 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BE098445.D
Acq: 14 Dec 2018 20:55

Instrument :
BNA_E
ClientSampleId :
BP-HN-MW29IR-20181209

Tgt Ion:202 Resp: 1718

Ion	Ratio	Lower	Upper
202	100		
101	11.4	8.0	12.0
203	16.8	13.8	20.6

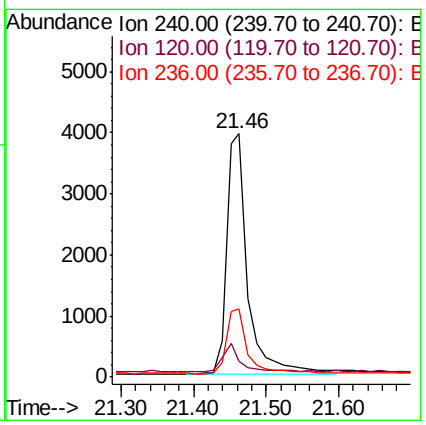


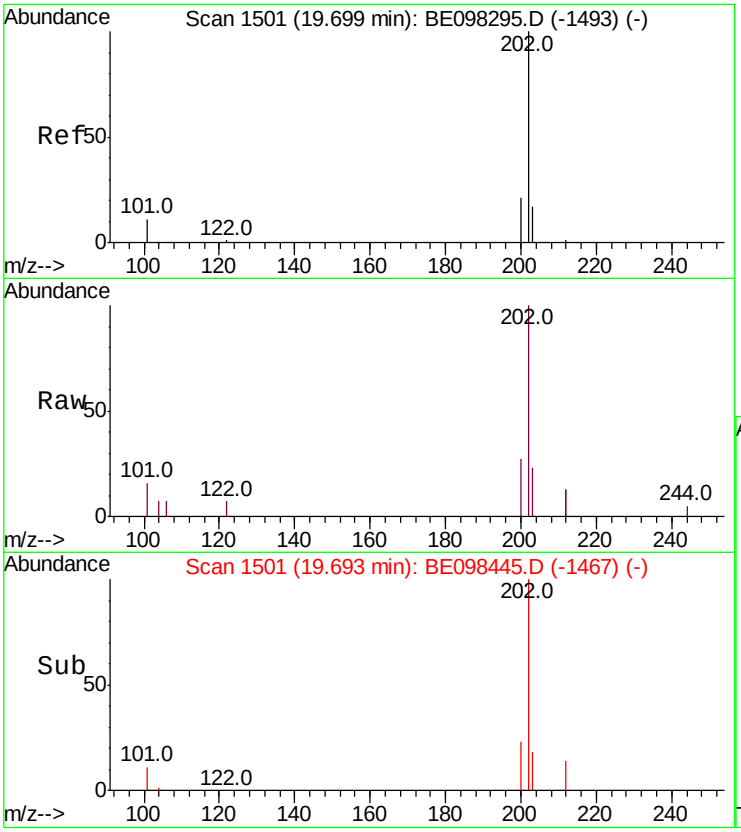


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1672
Delta R.T. -0.00 min
Lab File: BE098445.D
Acq: 14 Dec 2018 20:55

Tgt Ion:240 Resp: 8063

Ion	Ratio	Lower	Upper
240	100		
120	6.3	9.5	14.3#
236	27.9	22.7	34.1



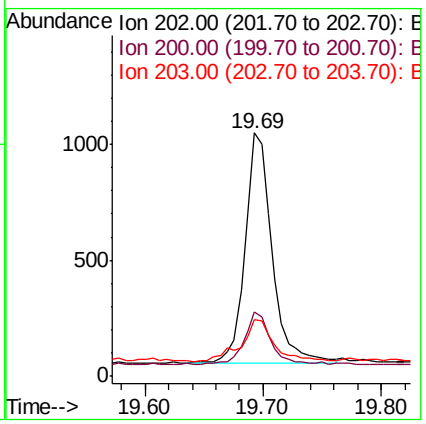


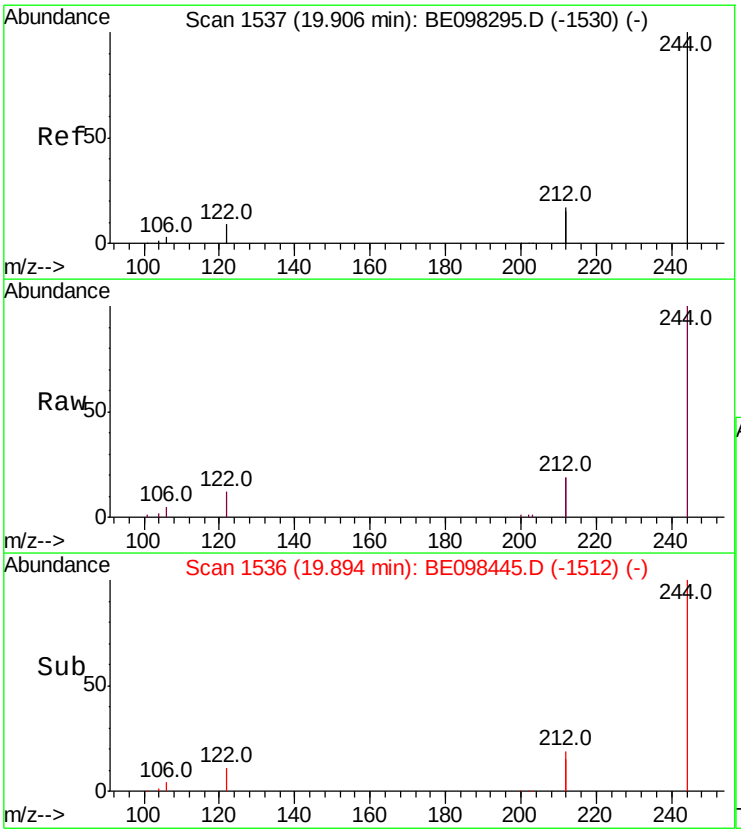
#28
Pyrene
Concen: 0.062 ng
RT: 19.69 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BE098445.D
Acq: 14 Dec 2018 20:55

Instrument :
BNA_E
ClientSampleId :
BP-HN-MW29IR-20181209

Tgt Ion:202 Resp: 1576

Ion	Ratio	Lower	Upper
202	100		
200	22.1	16.7	25.1
203	22.3	14.1	21.1#

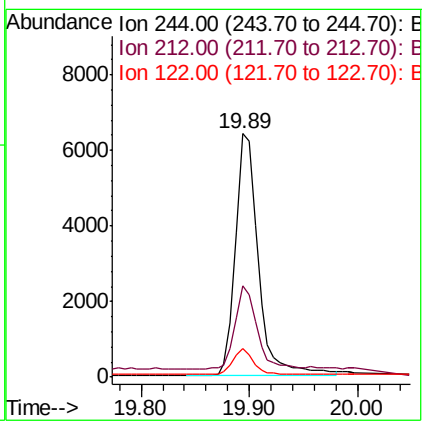


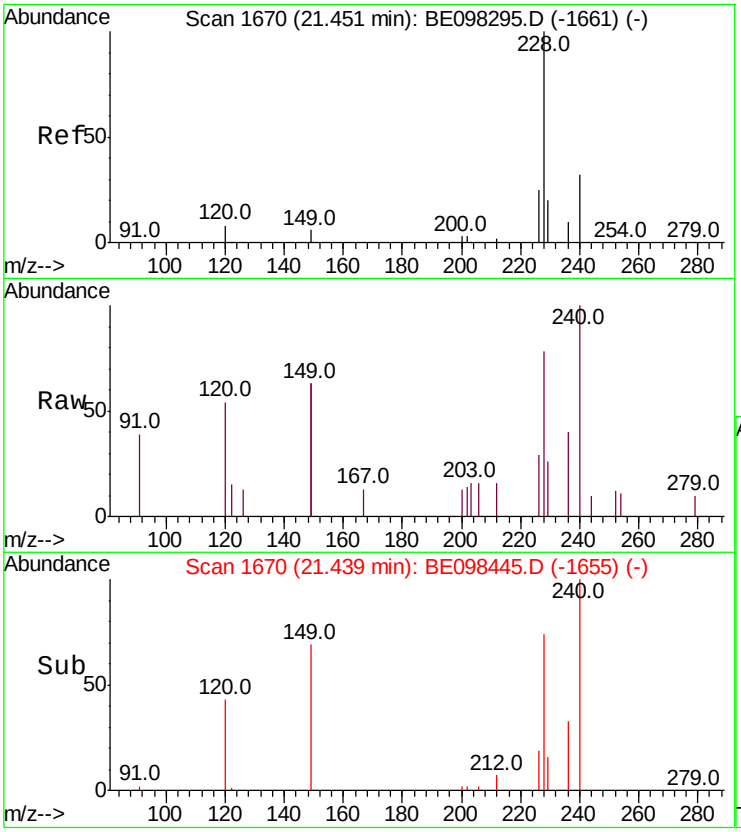


#29
Terphenyl-d14
Concen: 0.476 ng
RT: 19.89 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BE098445.D
Acq: 14 Dec 2018 20:55

Tgt Ion:244 Resp: 9326

Ion	Ratio	Lower	Upper
244	100		
212	37.3	27.4	41.0
122	11.6	8.3	12.5



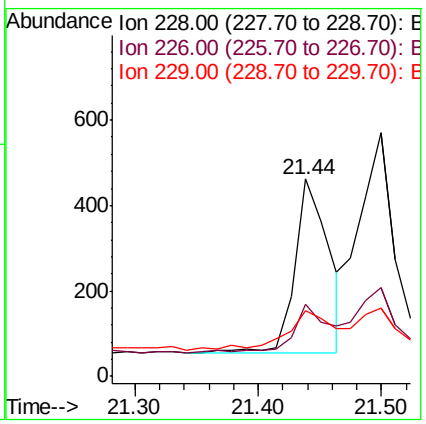


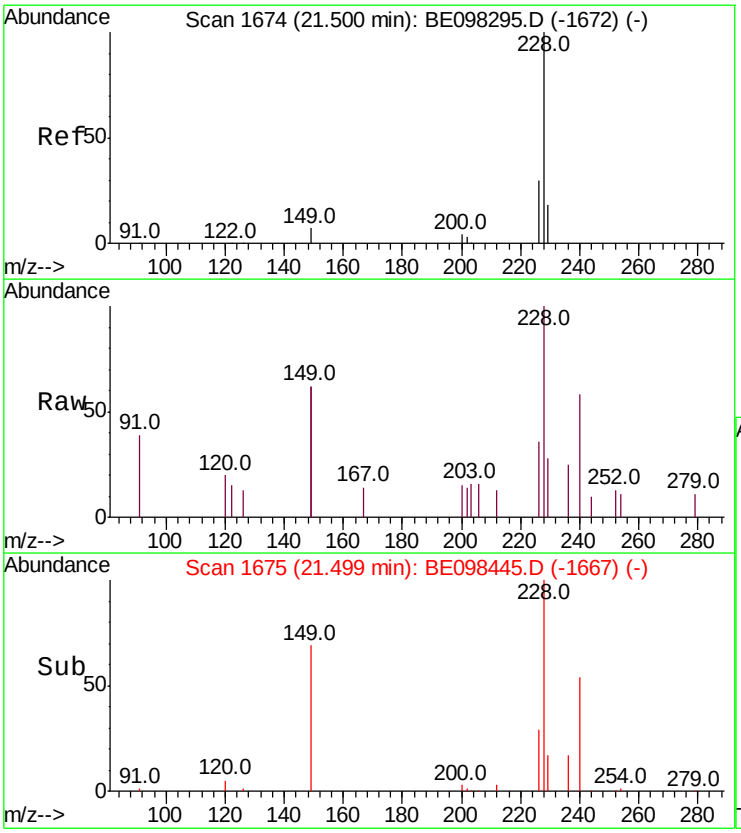
#30
Benzo(a)anthracene
Concen: 0.034 ng
RT: 21.44 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BE098445.D
Acq: 14 Dec 2018 20:55

Instrument :
BNA_E
ClientSampleId :
BP-HN-MW29IR-20181209

Tgt Ion:228 Resp: 789

Ion	Ratio	Lower	Upper
228	100		
226	36.8	21.8	32.8#
229	33.3	16.3	24.5#

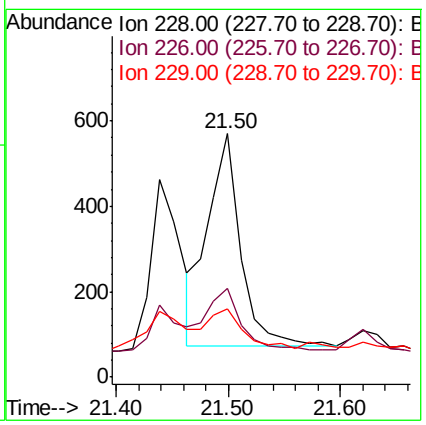


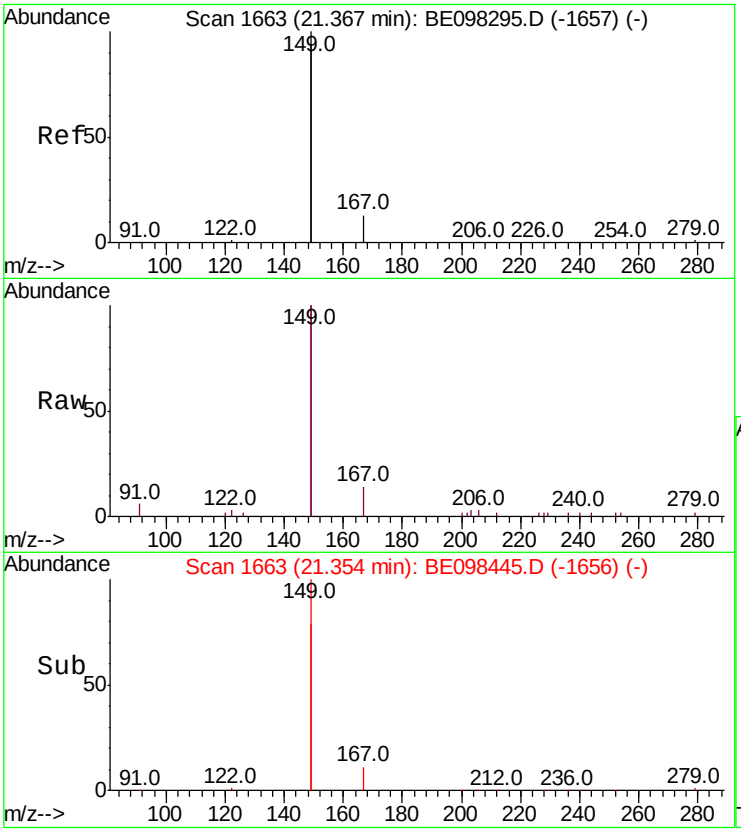


#31
Chrysene
Concen: 0.042 ng
RT: 21.50 min Scan# 1675
Delta R.T. -0.00 min
Lab File: BE098445.D
Acq: 14 Dec 2018 20:55

Tgt Ion:228 Resp: 1010

Ion	Ratio	Lower	Upper
228	100		
226	36.5	23.4	35.0#
229	27.9	16.2	24.4#



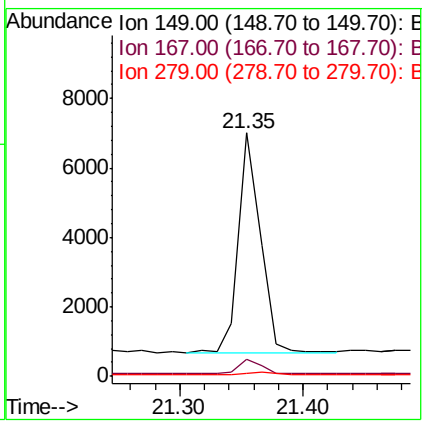


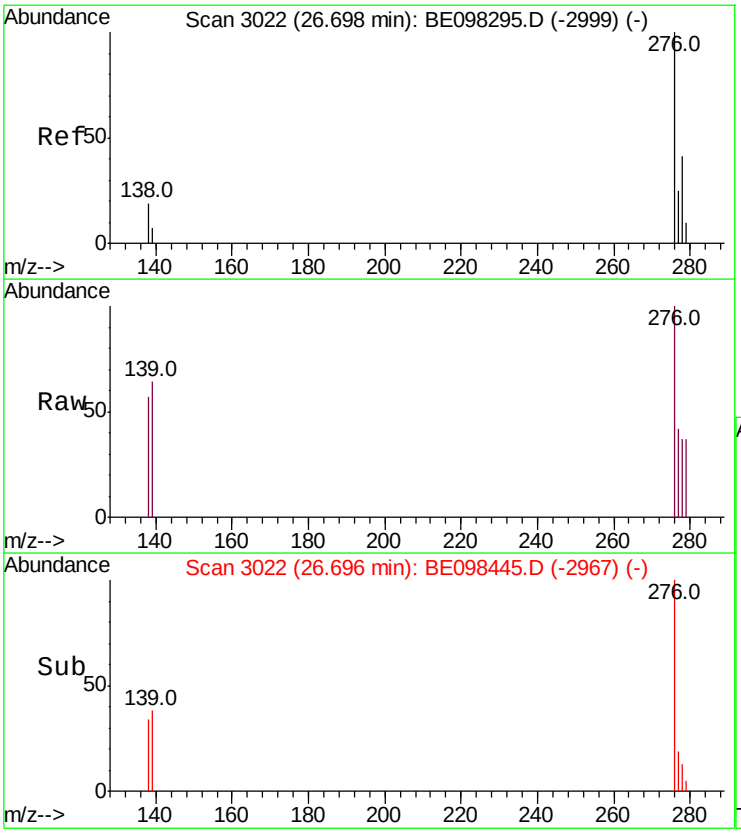
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.167 ng
RT: 21.35 min Scan# 1663
Delta R.T. -0.01 min
Lab File: BE098445.D
Acq: 14 Dec 2018 20:55

Instrument :
BNA_E
ClientSampleId :
BP-HN-MW29IR-20181209

Tgt Ion:149 Resp: 7783

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.7	8.5
279	1.7	1.0	1.4#

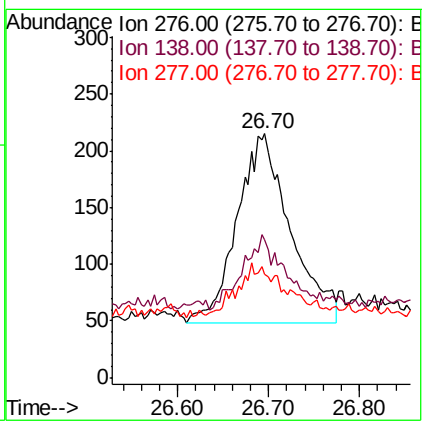


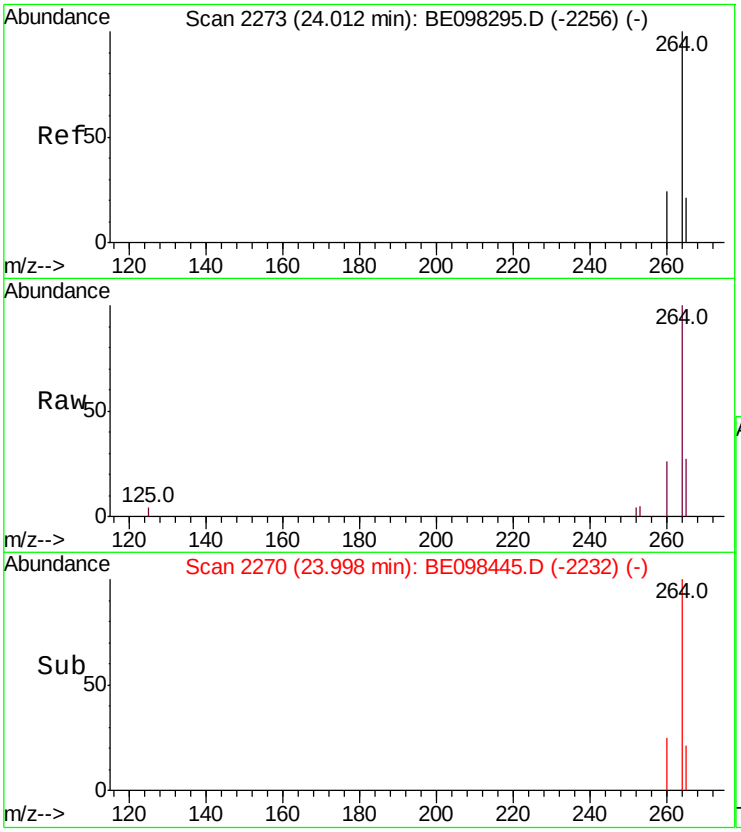


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.028 ng
RT: 26.70 min Scan# 3022
Delta R.T. -0.00 min
Lab File: BE098445.D
Acq: 14 Dec 2018 20:55

Tgt Ion:276 Resp: 682

Ion	Ratio	Lower	Upper
276	100		
138	31.5	16.3	24.5#
277	10.4	20.2	30.4#



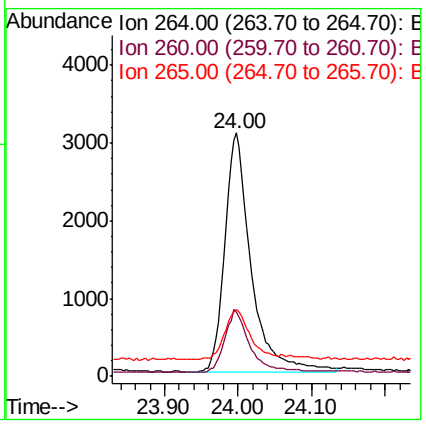


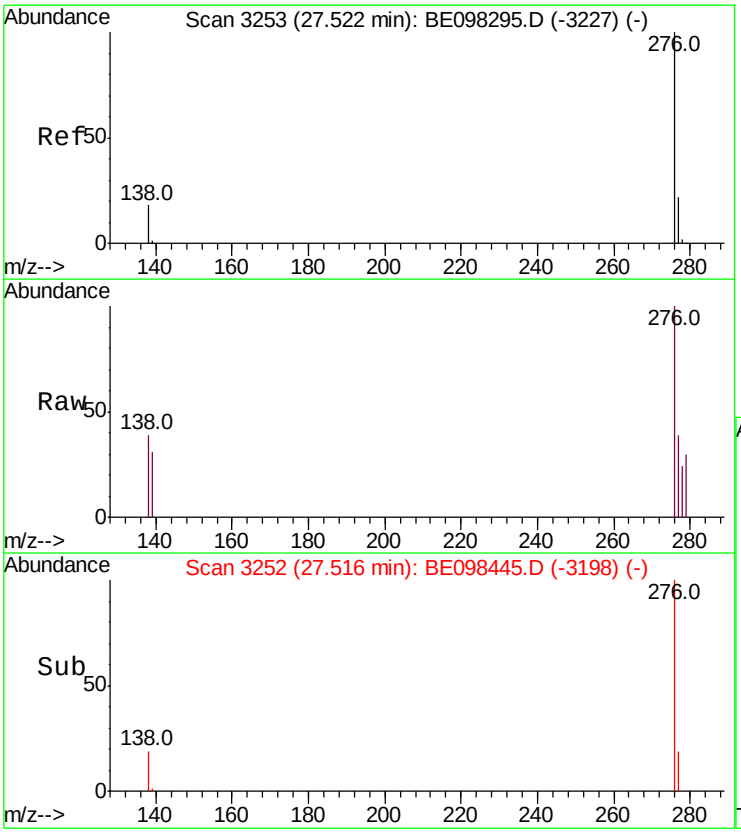
#34
Perylene-d12
Concen: 0.400 ng
RT: 24.00 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BE098445.D
Acq: 14 Dec 2018 20:55

Instrument :
BNA_E
ClientSampleId :
BP-HN-MW29IR-20181209

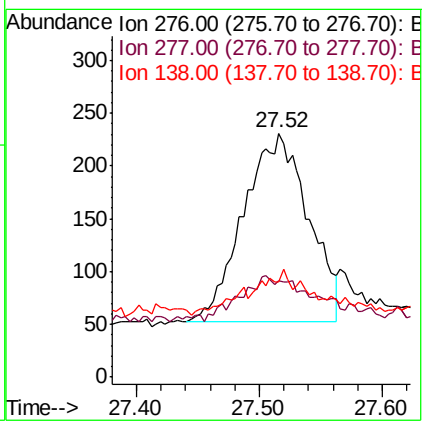
Tgt Ion:264 Resp: 7696

Ion	Ratio	Lower	Upper
264	100		
260	26.4	20.2	30.2
265	27.5	25.2	37.8





#39
Benzo(g,h,i)perylene
Concen: 0.032 ng
RT: 27.52 min Scan# 3252
Delta R.T. -0.01 min
Lab File: BE098445.D
Acq: 14 Dec 2018 20:55

Tgt Ion:276 Resp: 658

Ion	Ratio	Lower	Upper
276	100		
277	39.4	20.8	31.2#
138	39.0	15.8	23.6#