Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121218\
Data File : BE098389.D
Acq On : 13 Dec 2018 10:11
Operator : SJ/JU
Sample : J6325-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : RE-131D1-20181205

Quant Time: Dec 13 10:49:56 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	996	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	4363	0.40	ng		0.00
13) Acenaphthene-d10	14.53	164	2865	0.40	ng		0.00
19) Phenanthrene-d10	17.28	188	7609	0.40	ng		0.00
27) Chrysene-d12	21.46	240	8563	0.40	ng		0.00
34) Perylene-d12	24.01	264	8194	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	528	0.23	ng		0.00
5) Phenol-d6	7.08	99	363	0.11	ng		0.03
8) Nitrobenzene-d5	9.04	82	1431	0.36	ng		0.03
11) 2-Methylnaphthalene-d10	12.27	152	3073	0.43	ng		0.00
14) 2,4,6-Tribromophenol	16.02	330	488	0.46	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	7473	0.62	ng		0.00
25) Fluoranthene-d10	19.30	212	44023	0.45	ng		0.00
29) Terphenyl-d14	19.90	244	9780	0.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	13020	7.559	ng		98
32) Bis(2-ethylhexyl)phthalate	21.35	149	1777	0.036	ng	#	98

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

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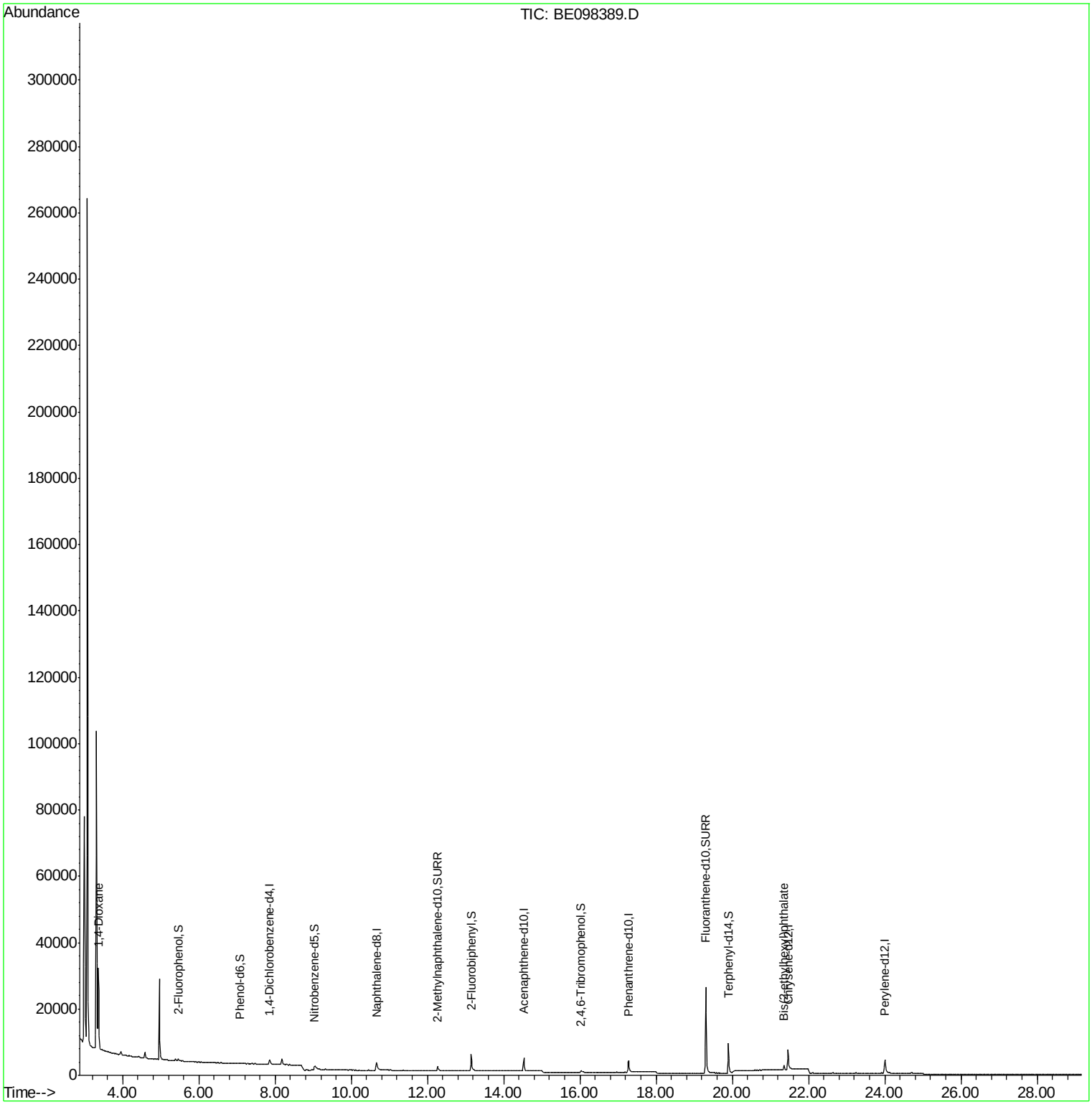
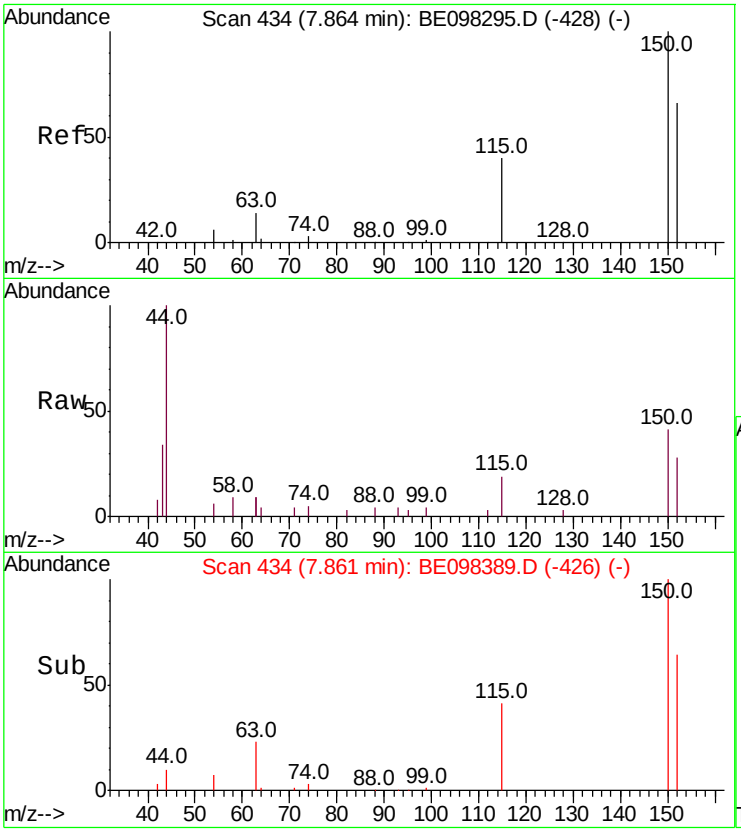


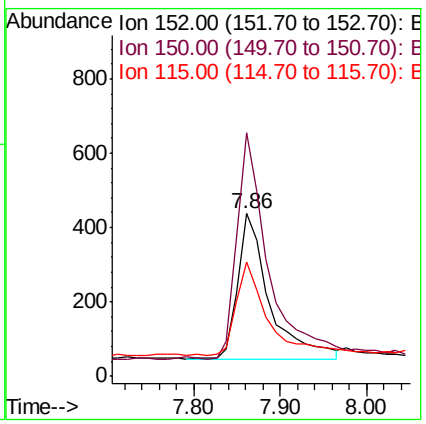


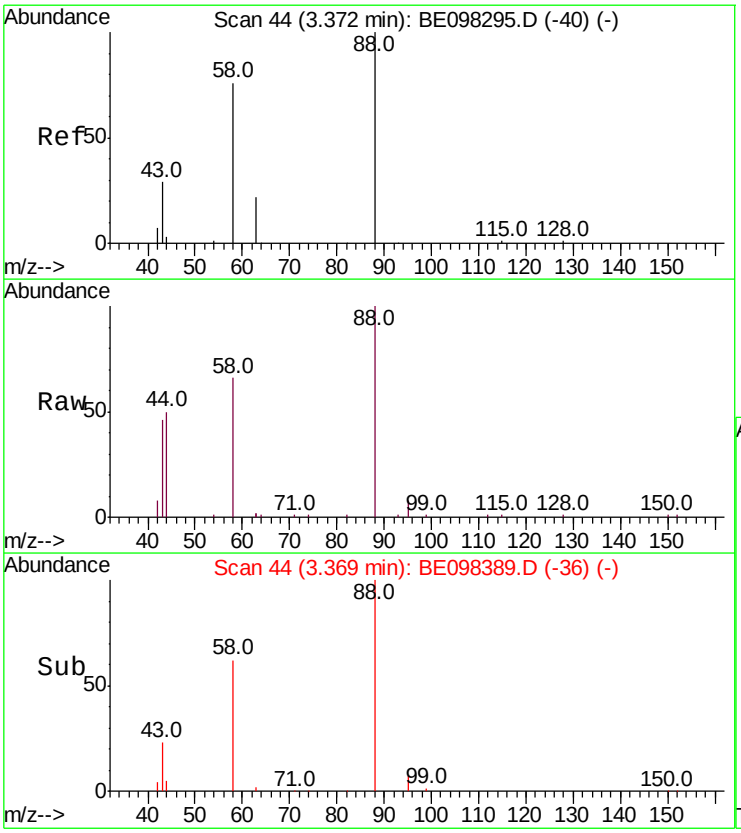
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098389.D
Acq: 13 Dec 2018 10:11

Instrument :
BNA_E
ClientSampleId :
RE-131D1-20181205

Tgt Ion:152 Resp: 996

Ion	Ratio	Lower	Upper
152	100		
150	149.9	124.2	186.4
115	70.3	53.9	80.9

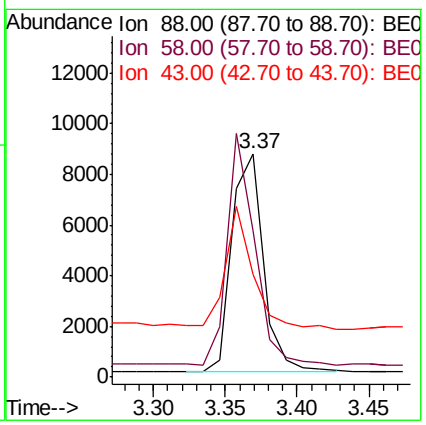


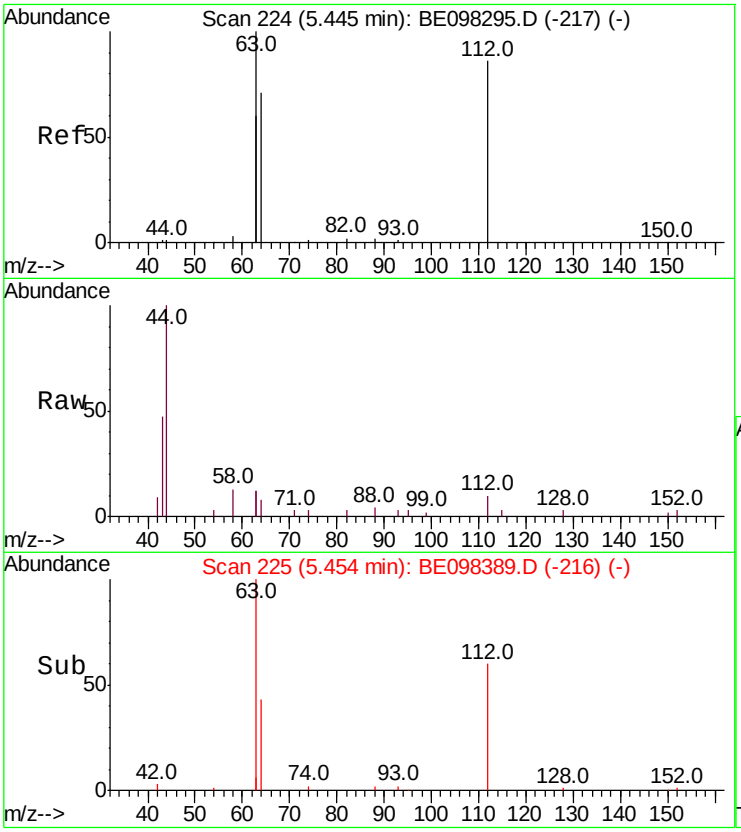


#2
1,4-Dioxane
Concen: 7.559 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098389.D
Acq: 13 Dec 2018 10:11

Tgt Ion: 88 Resp: 13020

Ion	Ratio	Lower	Upper
88	100		
58	92.2	75.0	112.6
43	50.4	38.3	57.5



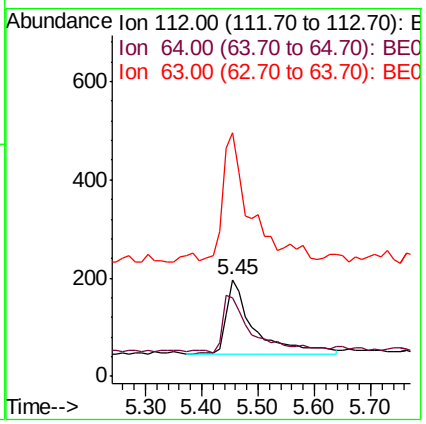


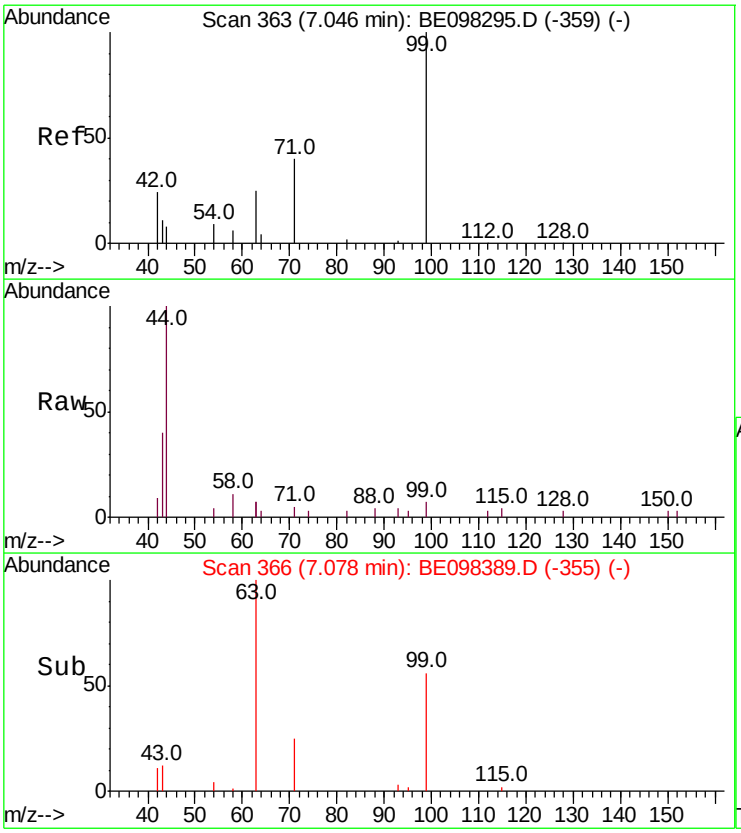
#4
2-Fluorophenol
Concen: 0.227 ng
RT: 5.45 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE098389.D
Acq: 13 Dec 2018 10:11

Instrument :
BNA_E
ClientSampleId :
RE-131D1-20181205

Tgt Ion:112 Resp: 528

Ion	Ratio	Lower	Upper
112	100		
64	68.9	59.8	89.8
63	150.8	133.7	200.5

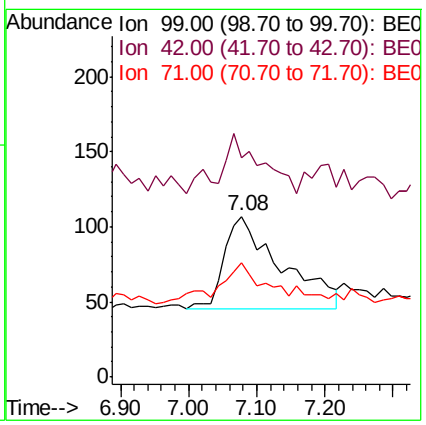


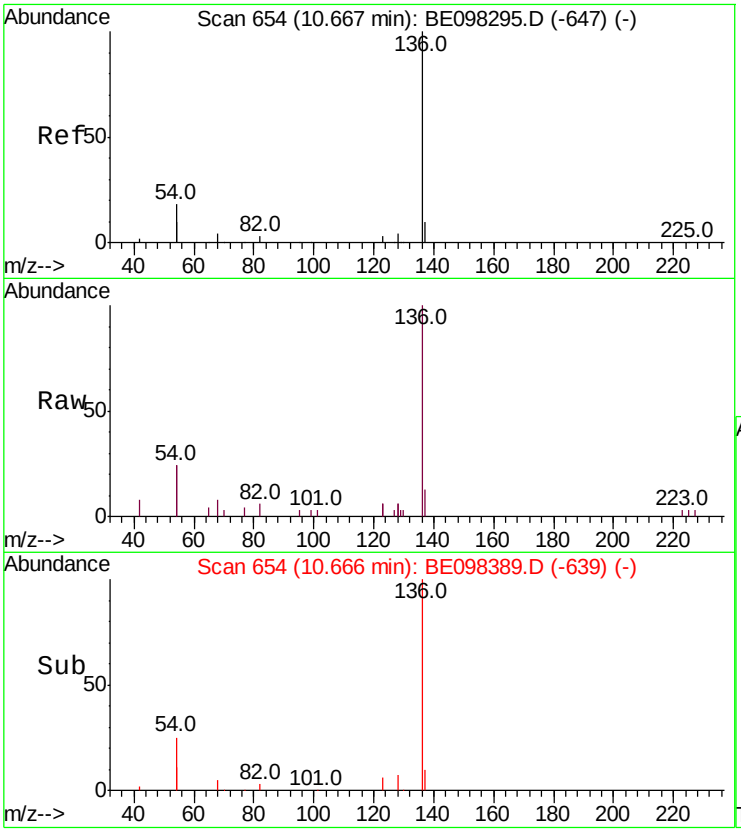


#5
Phenol-d6
Concen: 0.110 ng
RT: 7.08 min Scan# 366
Delta R.T. 0.03 min
Lab File: BE098389.D
Acq: 13 Dec 2018 10:11

Tgt Ion: 99 Resp: 363

Ion	Ratio	Lower	Upper
99	100		
42	39.1	26.3	39.5
71	21.2	33.6	50.4#



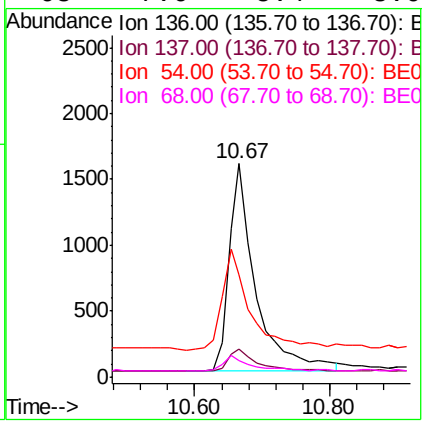


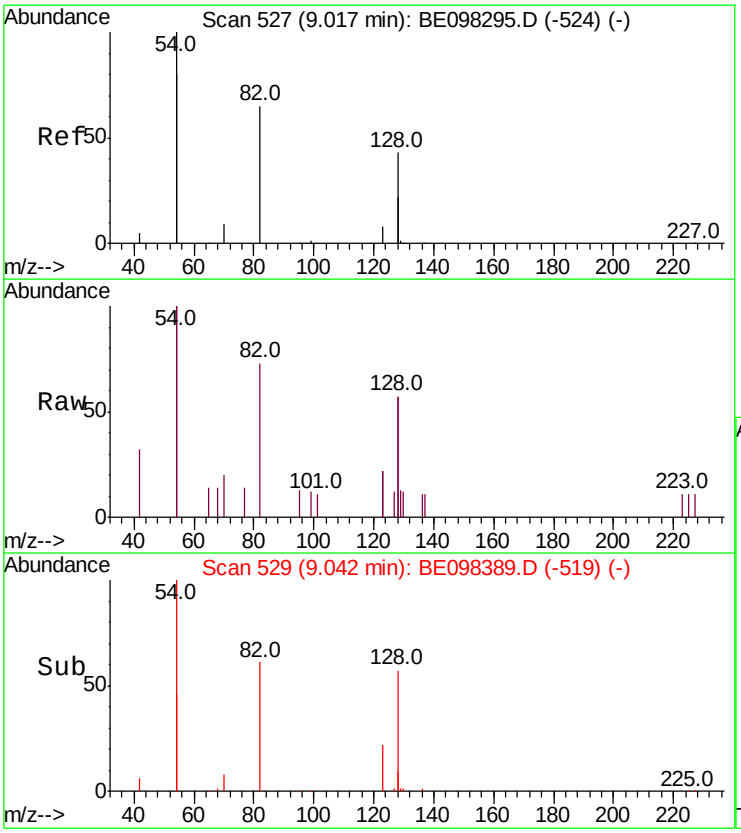
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.00 min
Lab File: BE098389.D
Acq: 13 Dec 2018 10:11

Instrument :
BNA_E
ClientSampleId :
RE-131D1-20181205

Tgt Ion:136 Resp: 4363

Ion	Ratio	Lower	Upper
136	100		
137	13.3	9.2	13.8
54	47.9	28.4	42.6#
68	7.6	5.4	8.0

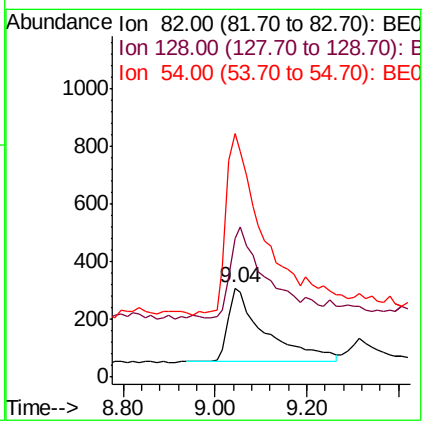


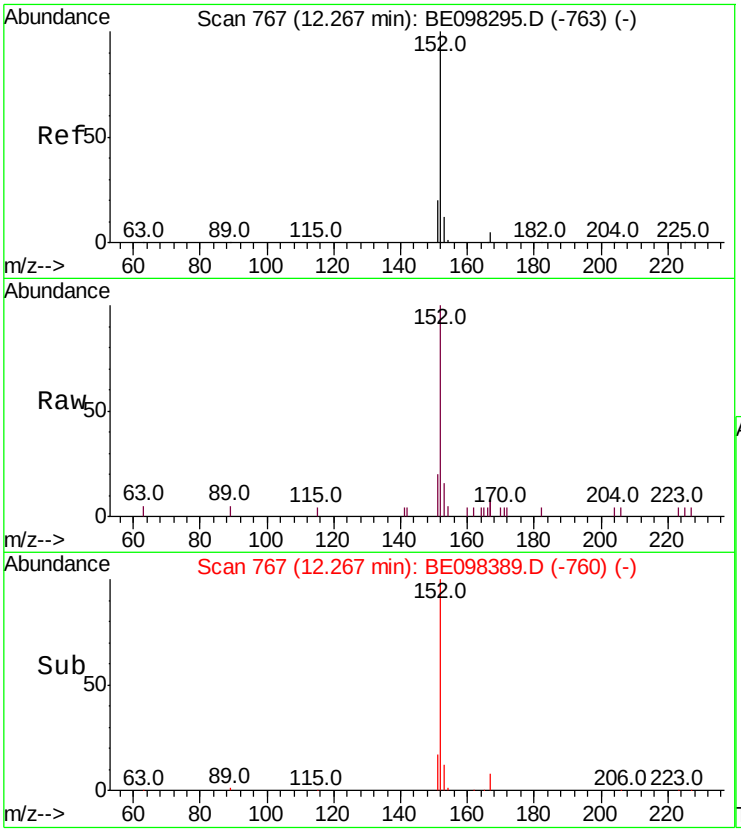


#8
Nitrobenzene-d5
Concen: 0.360 ng
RT: 9.04 min Scan# 529
Delta R.T. 0.03 min
Lab File: BE098389.D
Acq: 13 Dec 2018 10:11

Tgt Ion: 82 Resp: 1431

Ion	Ratio	Lower	Upper
82	100		
128	155.8	102.4	153.6#
54	274.0	221.8	332.8



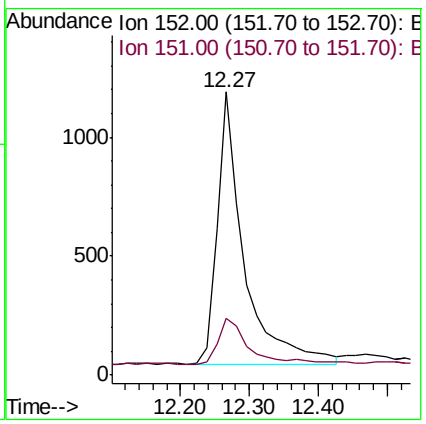


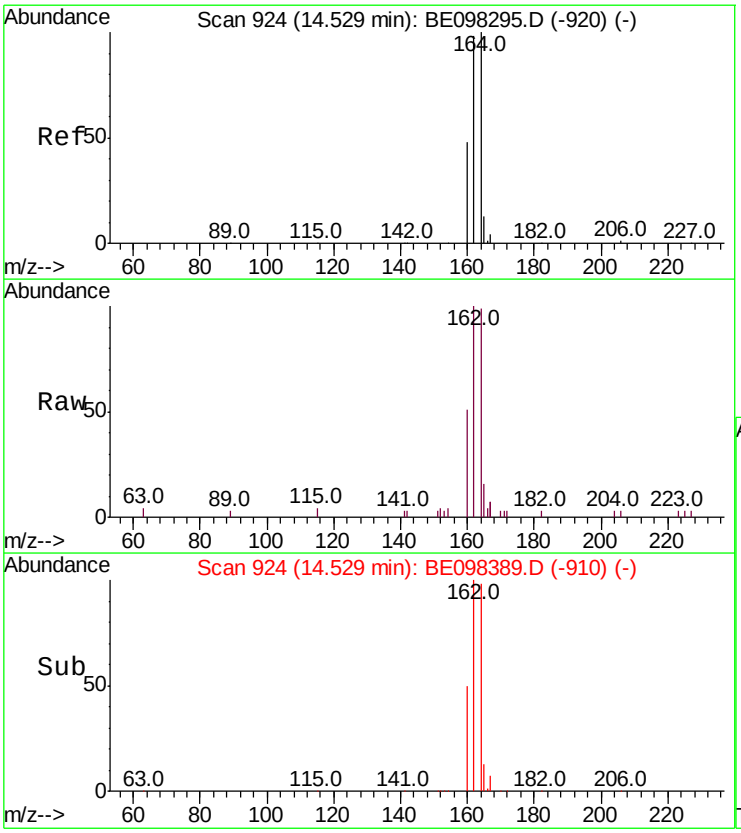
#11
2-Methylnaphthalene-d10
Concen: 0.433 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE098389.D
Acq: 13 Dec 2018 10:11

Instrument :
BNA_E
ClientSampleId :
RE-131D1-20181205

Tgt Ion:152 Resp: 3073

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4

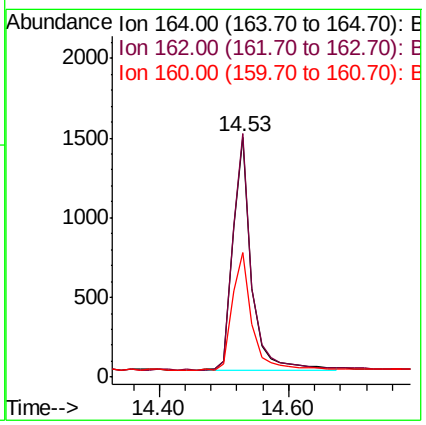


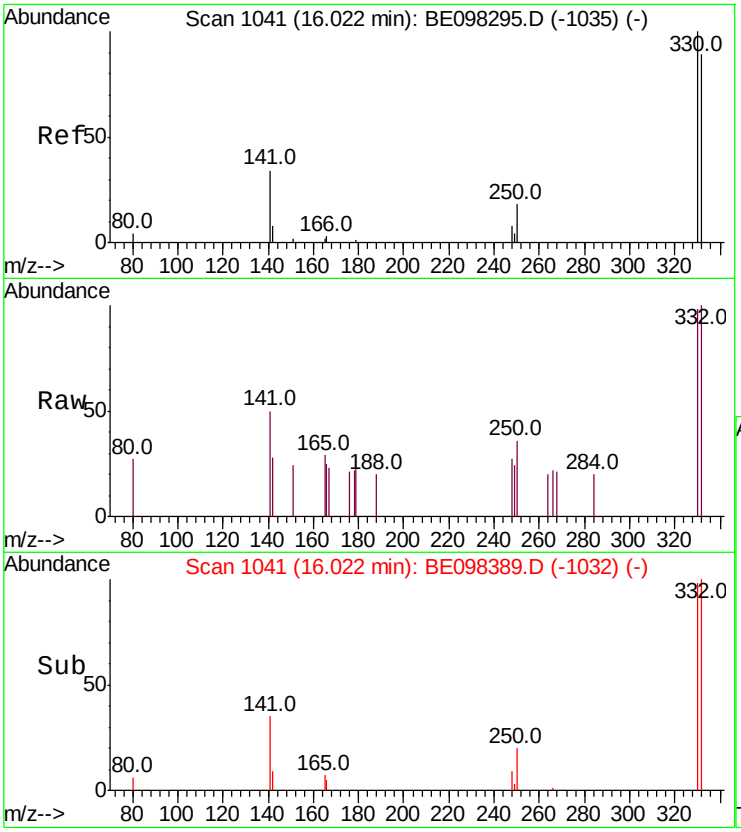


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE098389.D
Acq: 13 Dec 2018 10:11

Tgt Ion:164 Resp: 2865

Ion	Ratio	Lower	Upper
164	100		
162	101.5	77.6	116.4
160	51.9	36.0	54.0



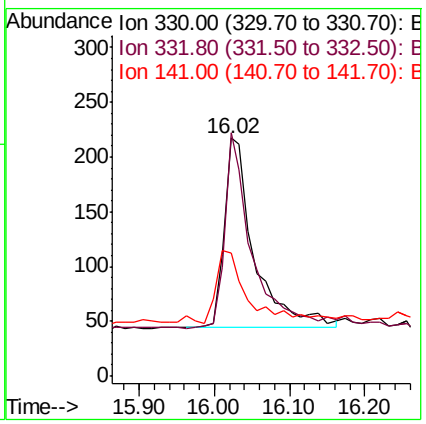


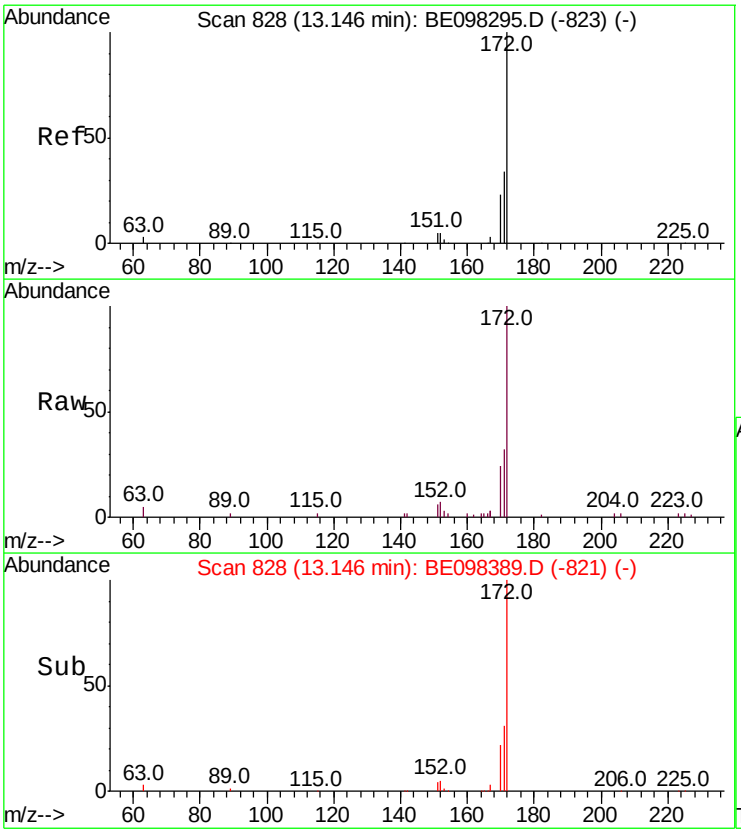
#14
2,4,6-Tribromophenol
Concen: 0.464 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098389.D
Acq: 13 Dec 2018 10:11

Instrument :
BNA_E
ClientSampleId :
RE-131D1-20181205

Tgt Ion:330 Resp: 488

Ion	Ratio	Lower	Upper
330	100		
332	92.8	76.2	114.4
141	41.4	39.0	58.4

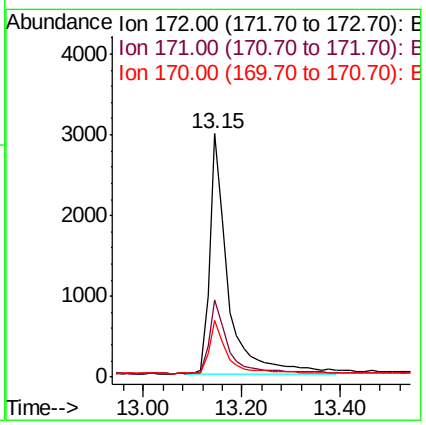


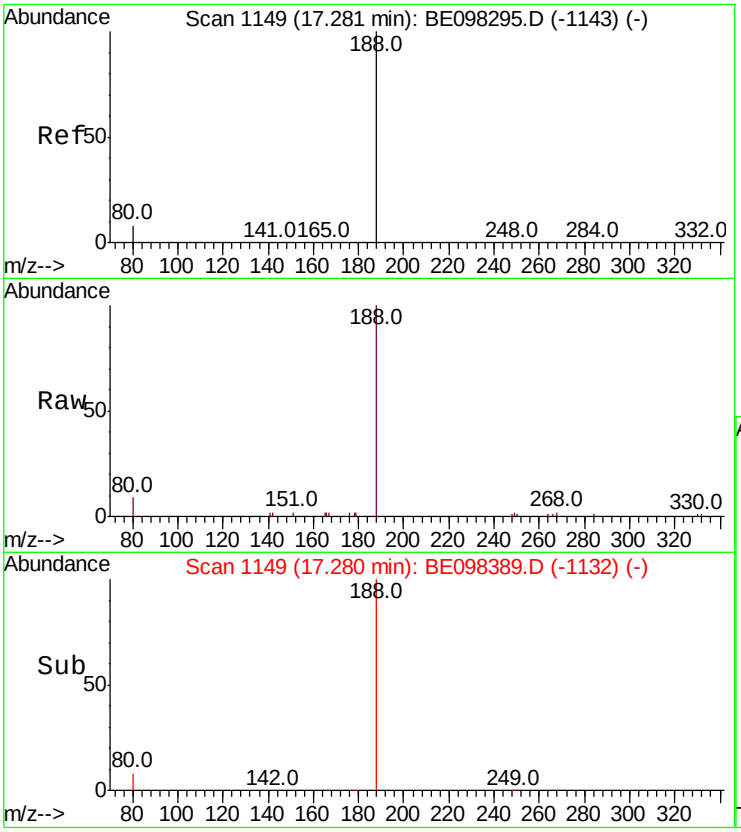


#15
2-Fluorobiphenyl
Concen: 0.618 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098389.D
Acq: 13 Dec 2018 10:11

Tgt Ion:172 Resp: 7473

Ion	Ratio	Lower	Upper
172	100		
171	31.7	27.5	41.3
170	23.5	19.6	29.4



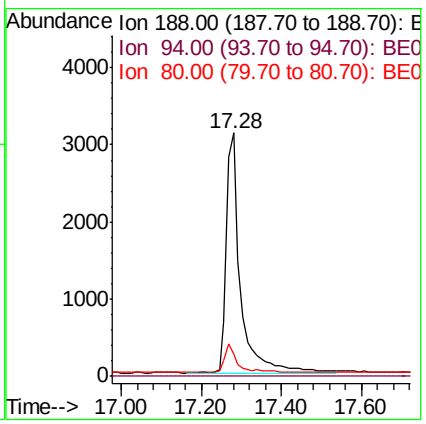


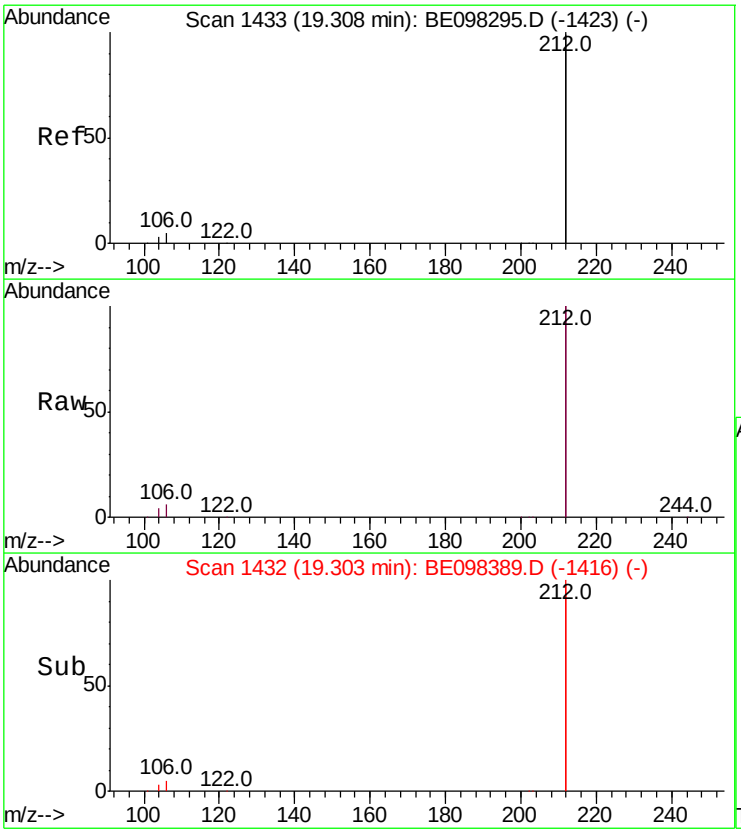
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE098389.D
Acq: 13 Dec 2018 10:11

Instrument :
BNA_E
ClientSampleId :
RE-131D1-20181205

Tgt Ion:188 Resp: 7609

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.3	7.2	10.8

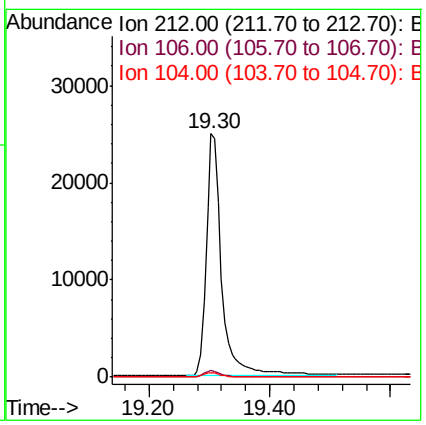


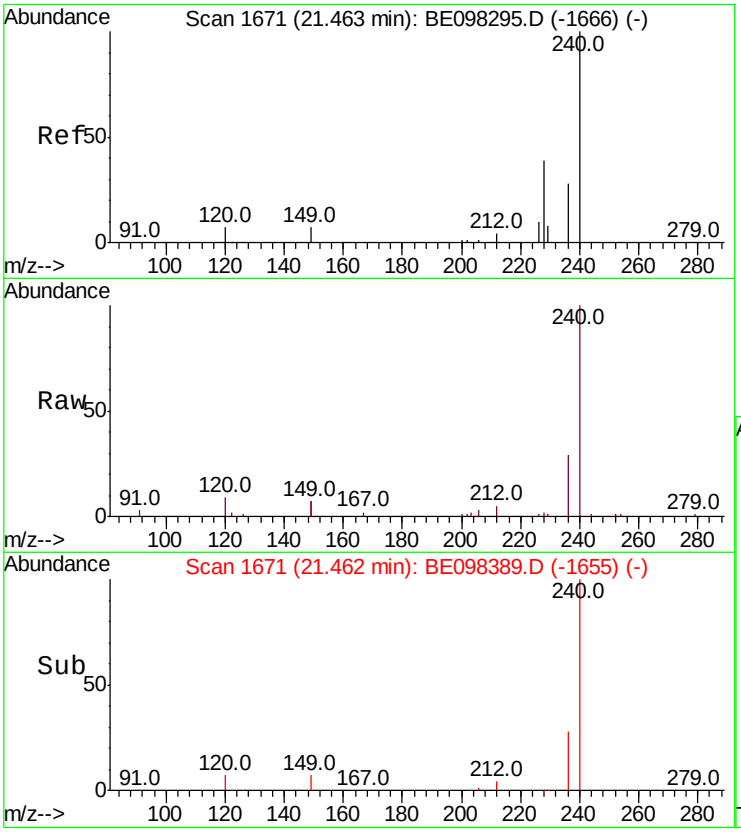


#25
Fluoranthene-d10
Concen: 0.451 ng
RT: 19.30 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BE098389.D
Acq: 13 Dec 2018 10:11

Tgt Ion:212 Resp: 44023

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



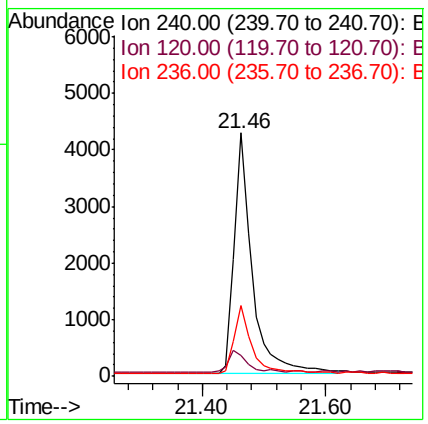


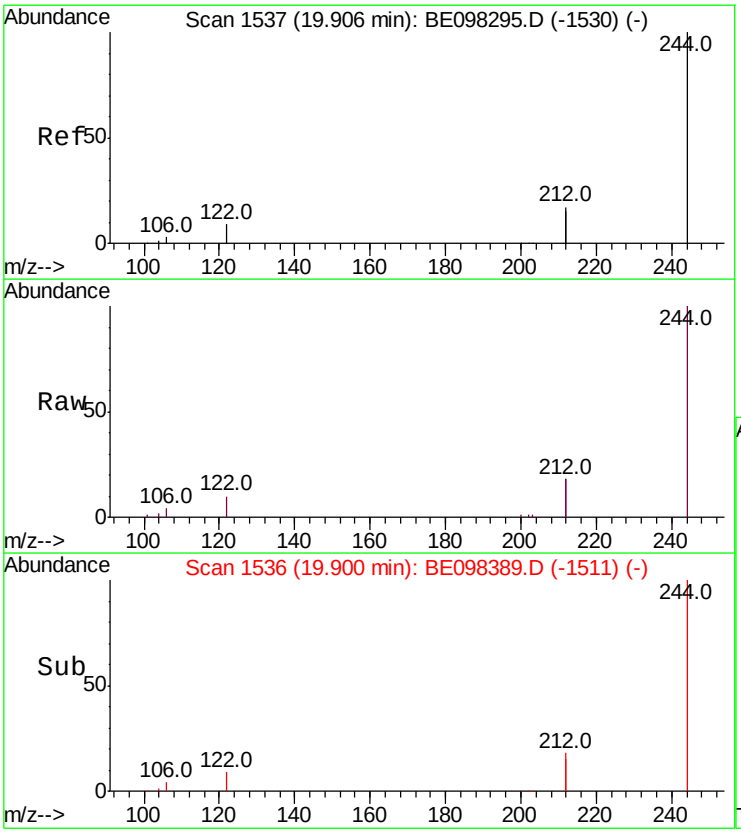
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098389.D
Acq: 13 Dec 2018 10:11

Instrument :
BNA_E
ClientSampleId :
RE-131D1-20181205

Tgt Ion:240 Resp: 8563

Ion	Ratio	Lower	Upper
240	100		
120	8.6	9.5	14.3#
236	29.1	22.7	34.1

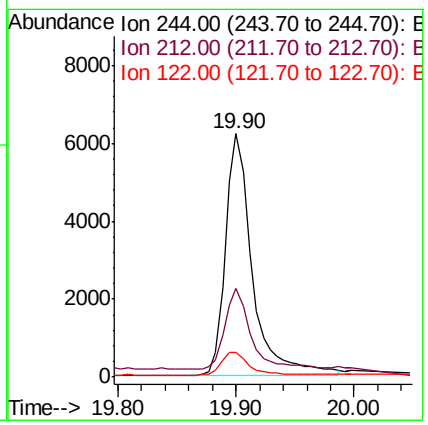


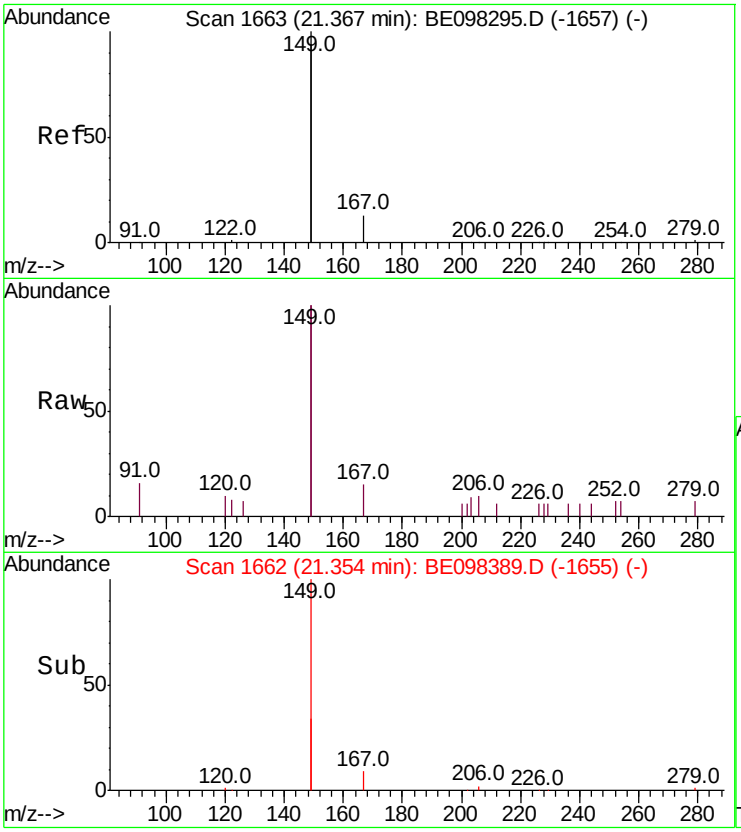


#29
Terphenyl-d14
Concen: 0.470 ng
RT: 19.90 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BE098389.D
Acq: 13 Dec 2018 10:11

Tgt Ion:244 Resp: 9780

Ion	Ratio	Lower	Upper
244	100		
212	36.4	27.4	41.0
122	10.2	8.3	12.5



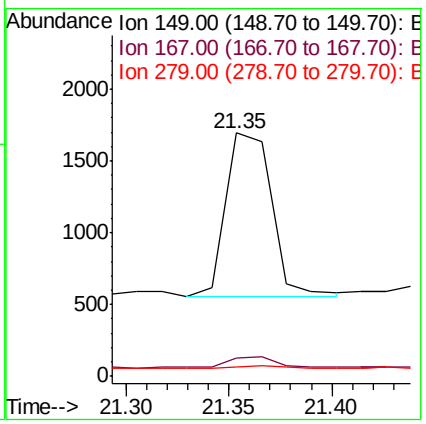


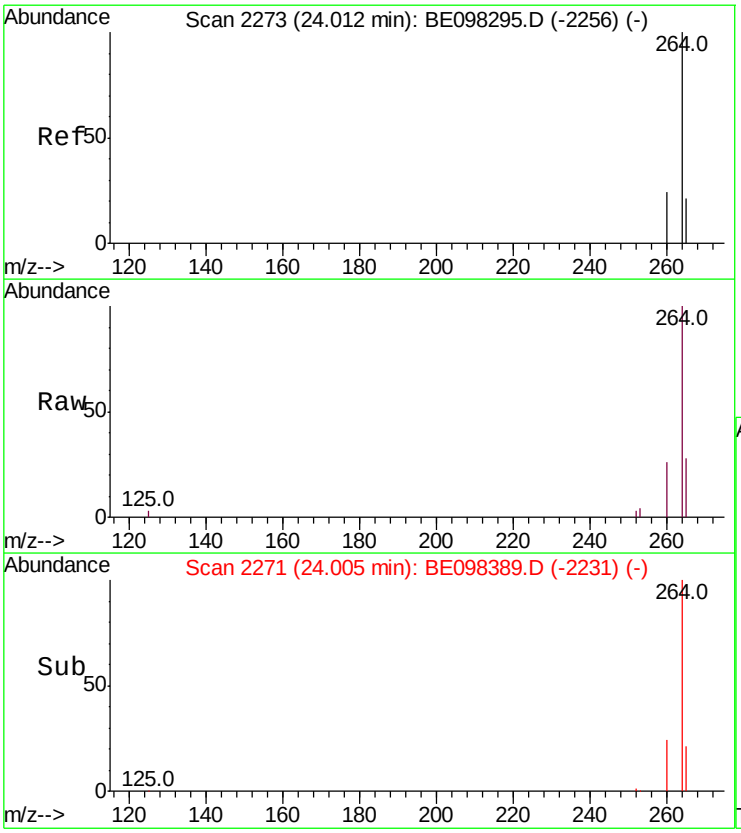
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.036 ng
RT: 21.35 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BE098389.D
Acq: 13 Dec 2018 10:11

Instrument :
BNA_E
ClientSampleId :
RE-131D1-20181205

Tgt Ion:149 Resp: 1777

Ion	Ratio	Lower	Upper
149	100		
167	7.8	5.7	8.5
279	1.6	1.0	1.4#





#34
Perylene-d12
Concen: 0.400 ng
RT: 24.01 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BE098389.D
Acq: 13 Dec 2018 10:11

Tgt Ion:264 Resp: 8194

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.2	30.2
265	28.0	25.2	37.8