Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121218\
Data File : BE098393.D
Acq On : 13 Dec 2018 12:46
Operator : SJ/JU
Sample : J6324-01DL 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : RE-120D2-20181205DL

Quant Time: Dec 13 14:12:51 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	931	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4047	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2783	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	7219	0.40	ng	0.00
27) Chrysene-d12	21.46	240	8366	0.40	ng	0.00
34) Perylene-d12	24.00	264	8144	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	225	0.10	ng	0.02
5) Phenol-d6	7.06	99	108	0.03	ng	0.00
8) Nitrobenzene-d5	9.07	82	521	0.14	ng	0.05
11) 2-Methylnaphthalene-d10	12.28	152	1280	0.19	ng	0.01
14) 2,4,6-Tribromophenol	16.03	330	152	0.15	ng	0.01
15) 2-Fluorobiphenyl	13.16	172	2512	0.21	ng	0.01
25) Fluoranthene-d10	19.31	212	17759	0.19	ng	0.00
29) Terphenyl-d14	19.90	244	3760	0.18	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	3861	2.398	ng	96
32) Bis(2-ethylhexyl)phthalate	21.35	149	2238	0.046	ng	100

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

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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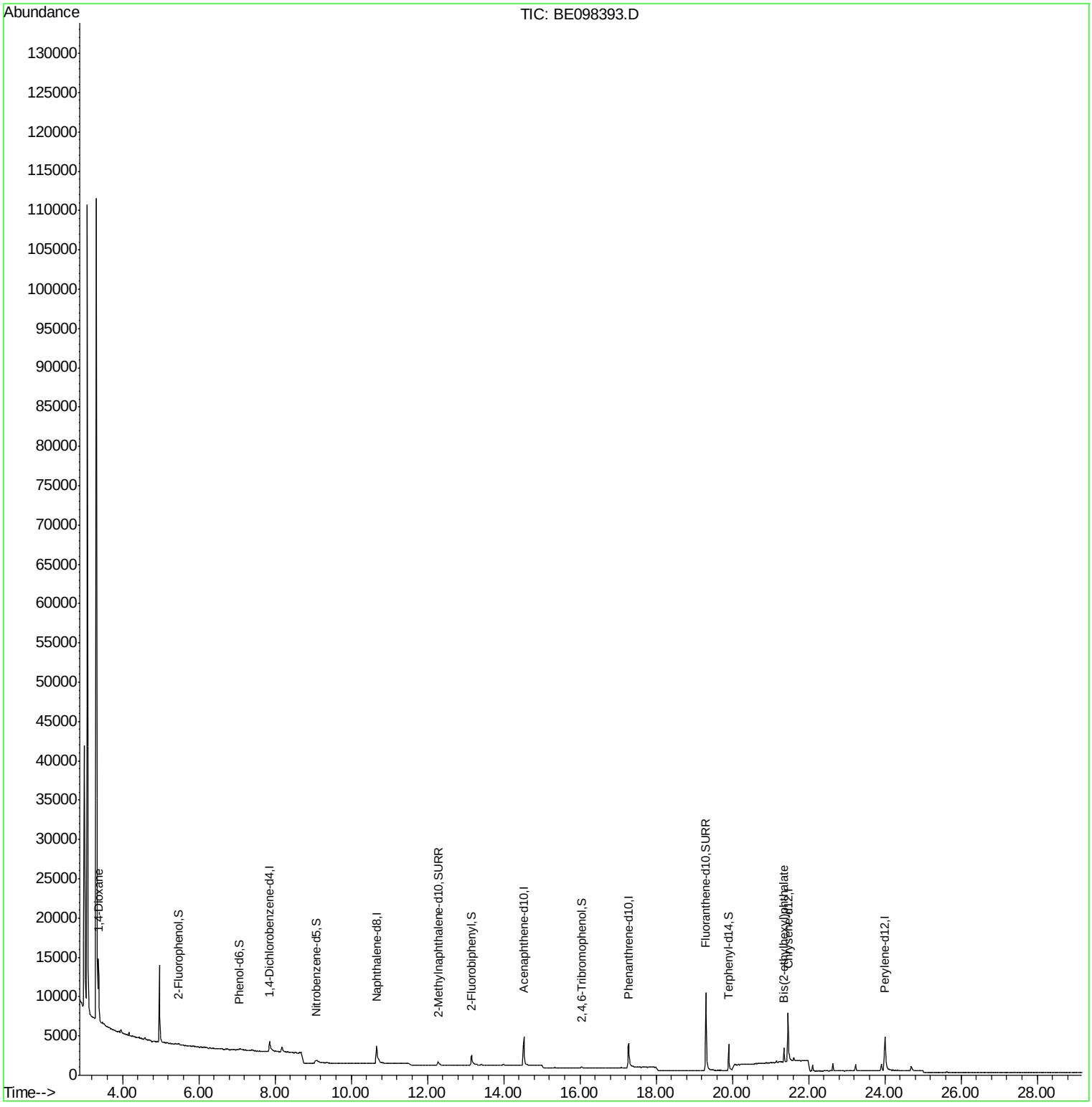
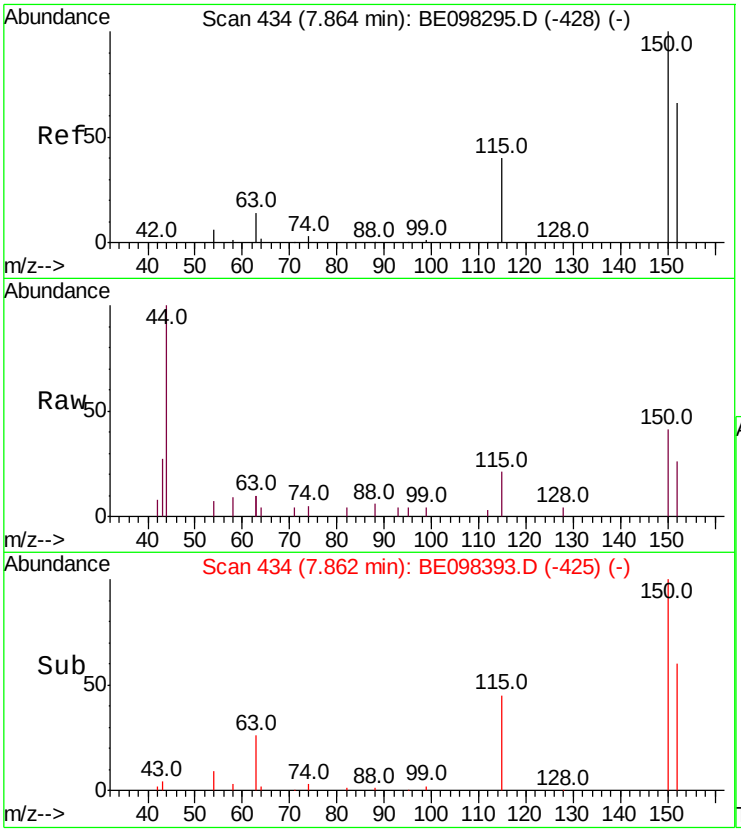


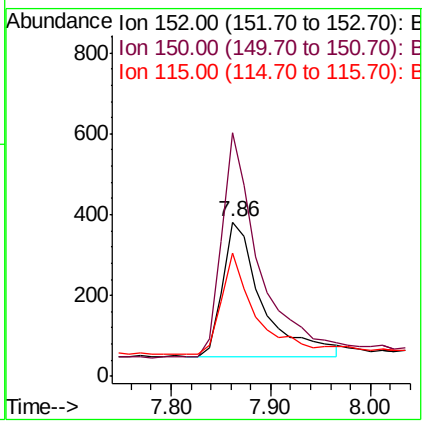


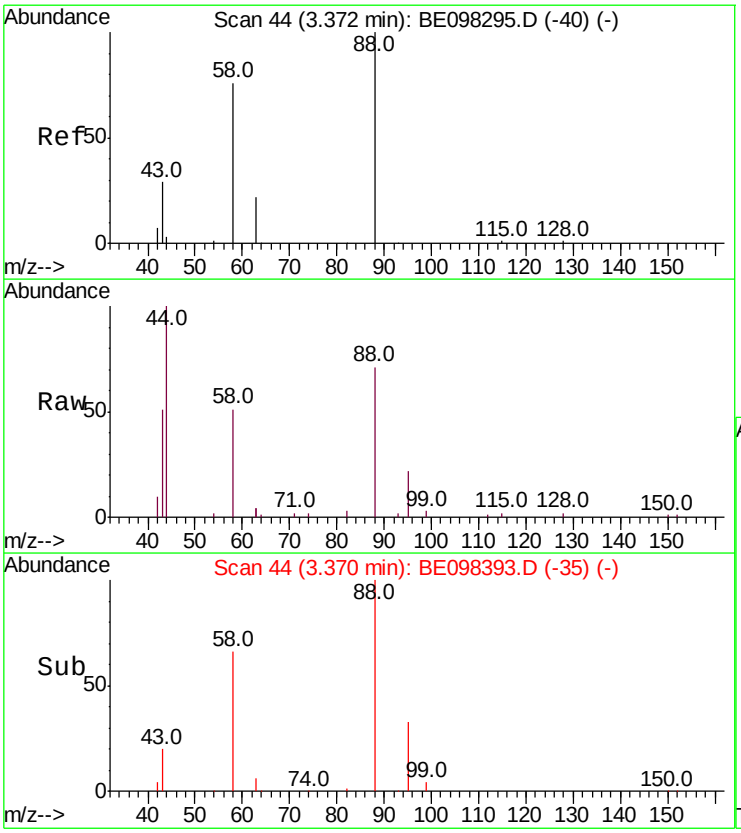
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098393.D
Acq: 13 Dec 2018 12:46

Instrument :
BNA_E
ClientSampleId :
RE-120D2-20181205DL

Tgt Ion:152 Resp: 931

Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.2	186.4
115	79.8	53.9	80.9

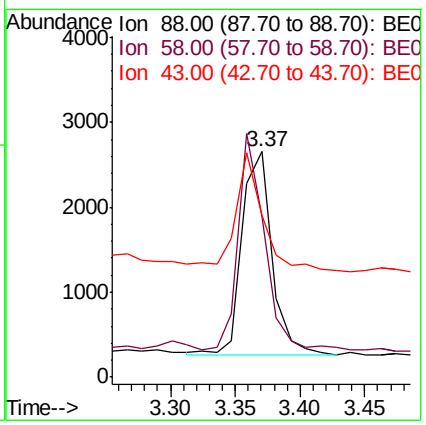


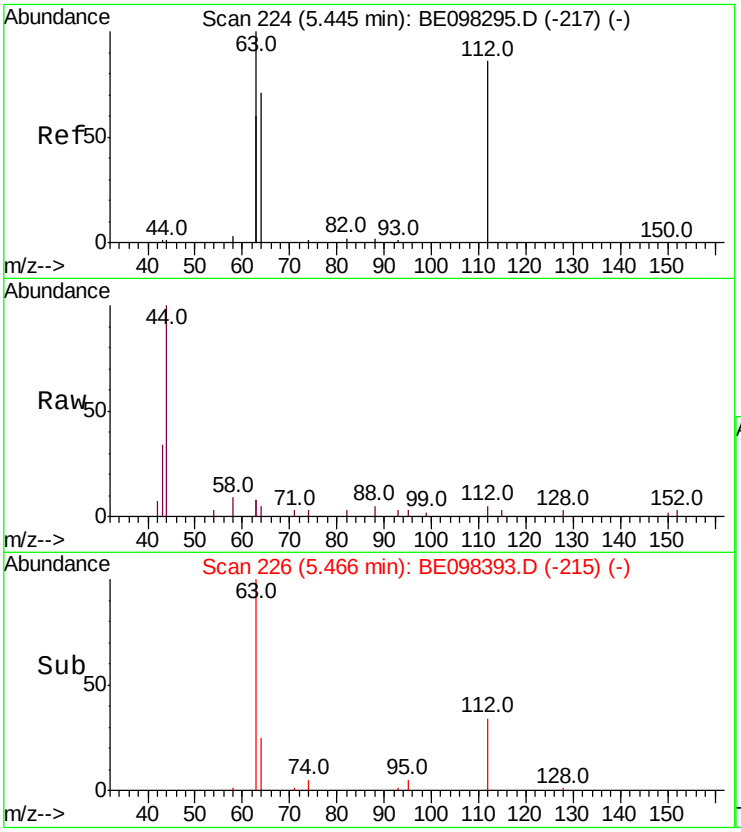


#2
1,4-Dioxane
Concen: 2.398 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098393.D
Acq: 13 Dec 2018 12:46

Tgt Ion: 88 Resp: 3861

Ion	Ratio	Lower	Upper
88	100		
58	91.7	75.0	112.6
43	53.4	38.3	57.5



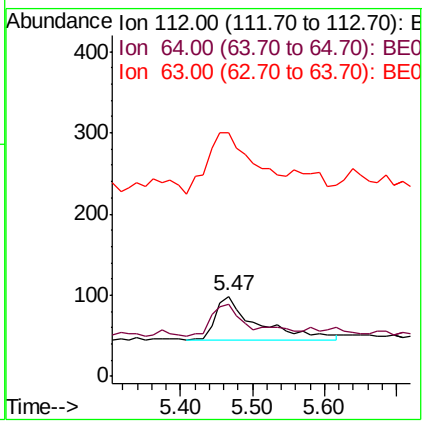


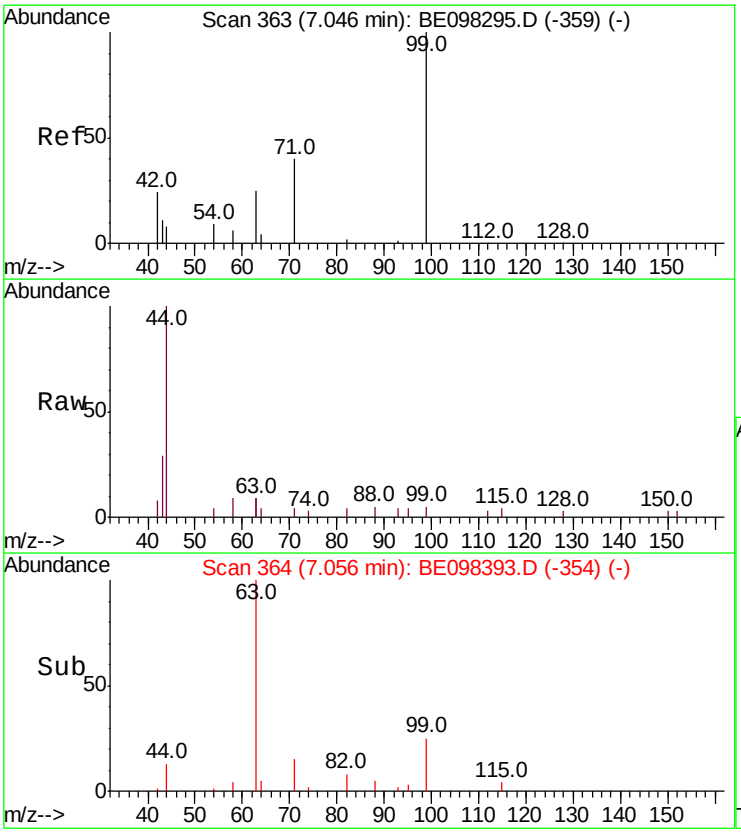
#4
2-Fluorophenol
Concen: 0.103 ng
RT: 5.47 min Scan# 226
Delta R.T. 0.02 min
Lab File: BE098393.D
Acq: 13 Dec 2018 12:46

Instrument :
BNA_E
ClientSampleId :
RE-120D2-20181205DL

Tgt Ion:112 Resp: 225

Ion	Ratio	Lower	Upper
112	100		
64	50.2	59.8	89.8#
63	157.3	133.7	200.5

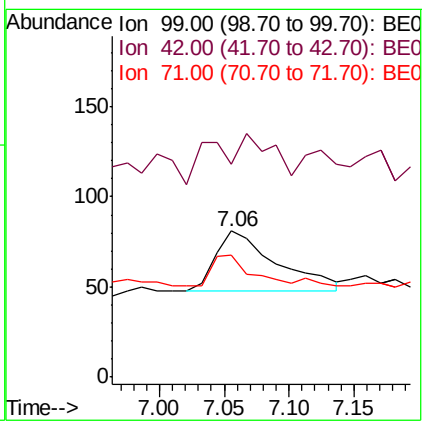


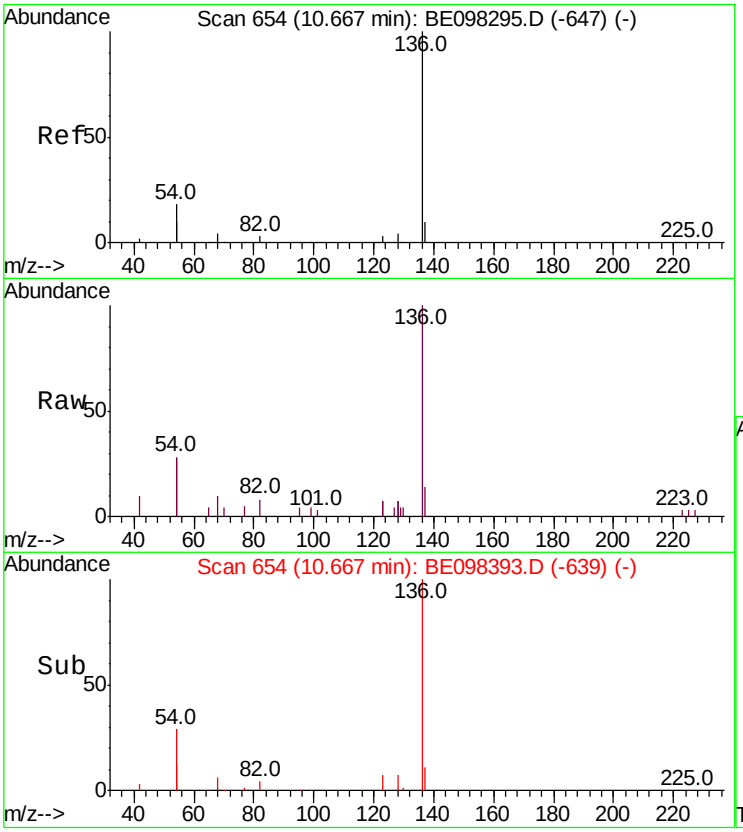


#5
Phenol-d6
Concen: 0.035 ng
RT: 7.06 min Scan# 364
Delta R.T. 0.01 min
Lab File: BE098393.D
Acq: 13 Dec 2018 12:46

Tgt Ion: 99 Resp: 108

Ion	Ratio	Lower	Upper
99	100		
42	45.4	26.3	39.5#
71	30.6	33.6	50.4#



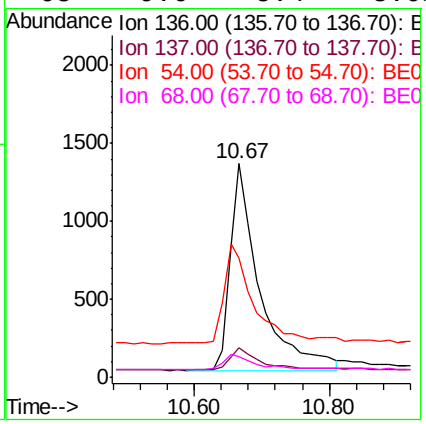


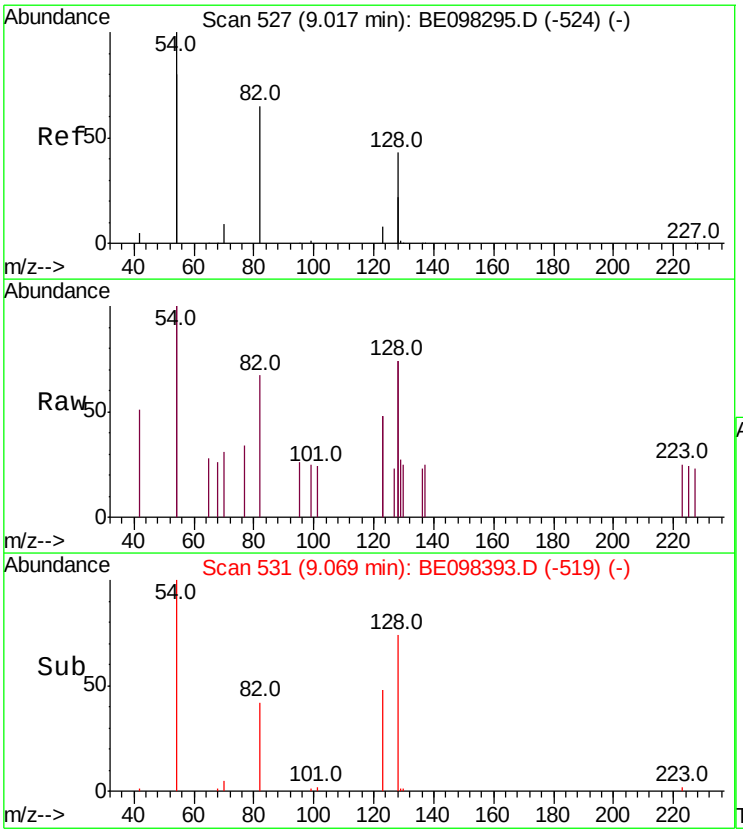
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.00 min
Lab File: BE098393.D
Acq: 13 Dec 2018 12:46

Instrument :
BNA_E
ClientSampleId :
RE-120D2-20181205DL

Tgt Ion:136 Resp: 4047

Ion	Ratio	Lower	Upper
136	100		
137	13.7	9.2	13.8
54	55.6	28.4	42.6#
68	9.6	5.4	8.0#

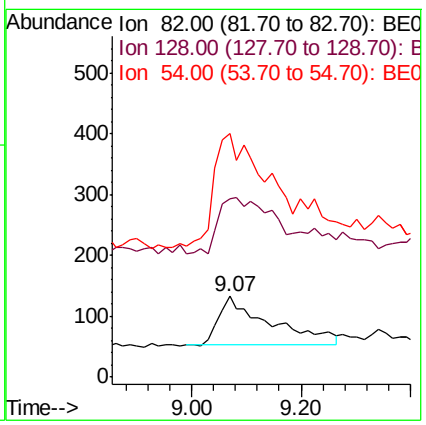


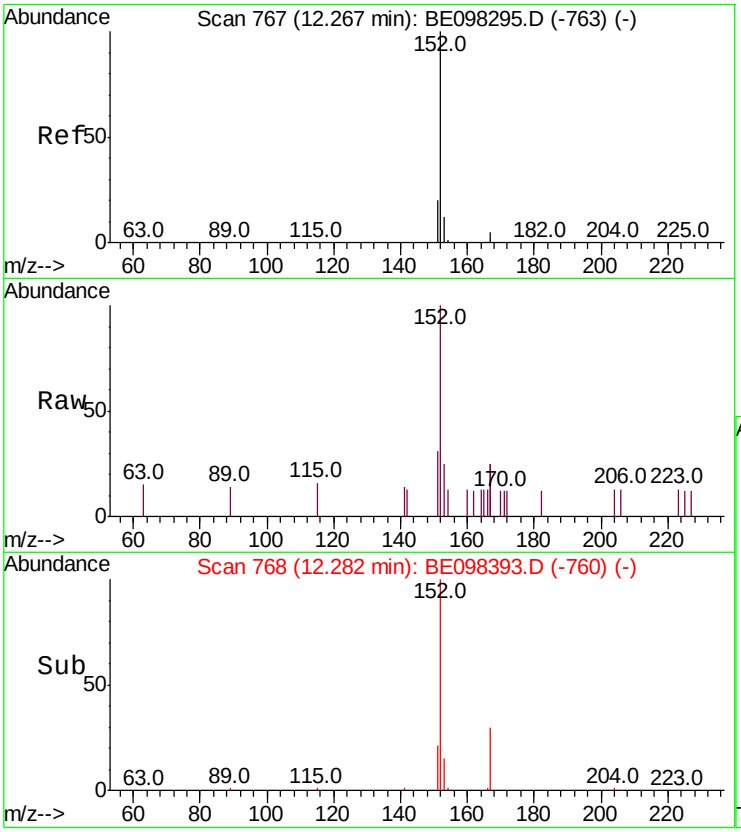


#8
Nitrobenzene-d5
Concen: 0.141 ng
RT: 9.07 min Scan# 531
Delta R.T. 0.05 min
Lab File: BE098393.D
Acq: 13 Dec 2018 12:46

Tgt Ion: 82 Resp: 521

Ion	Ratio	Lower	Upper
82	100		
128	221.1	102.4	153.6#
54	300.8	221.8	332.8



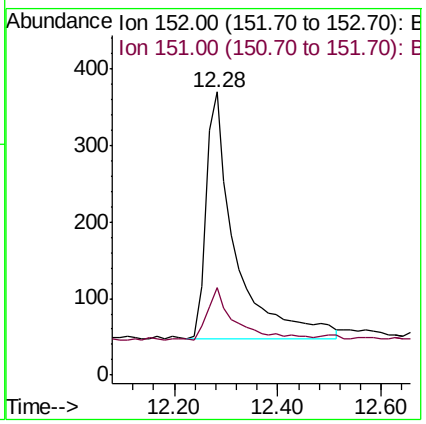


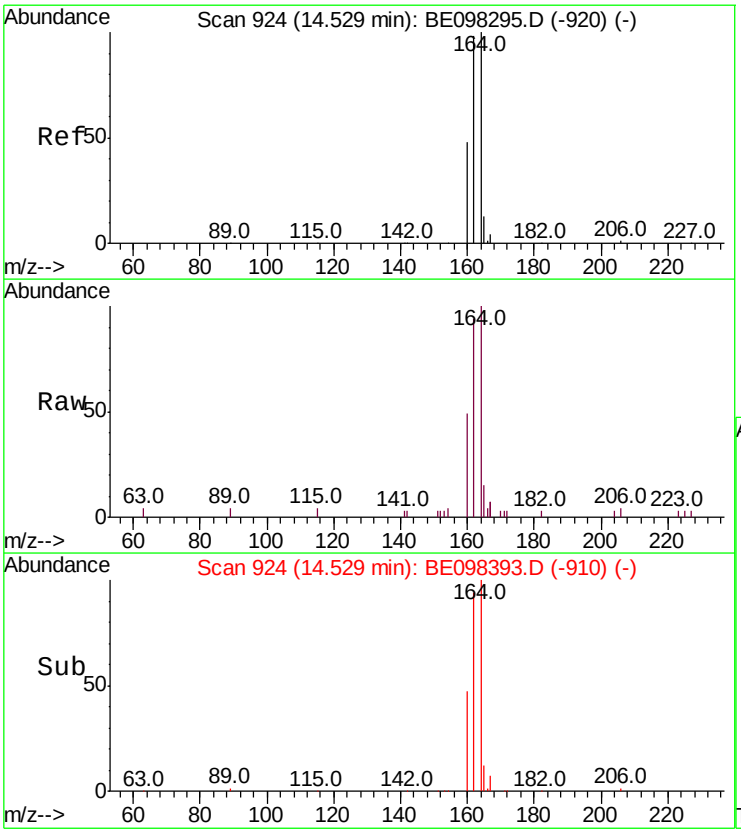
#11
2-Methylnaphthalene-d10
Concen: 0.195 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.01 min
Lab File: BE098393.D
Acq: 13 Dec 2018 12:46

Instrument :
BNA_E
ClientSampleId :
RE-120D2-20181205DL

Tgt Ion:152 Resp: 1280

Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.2	24.4

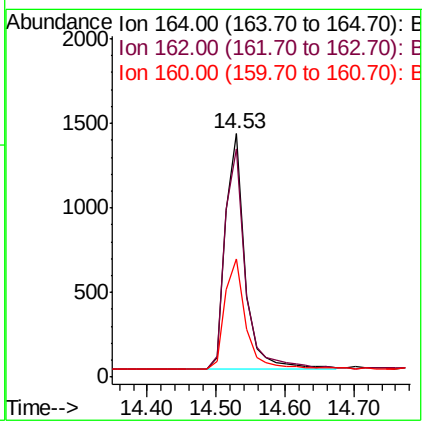


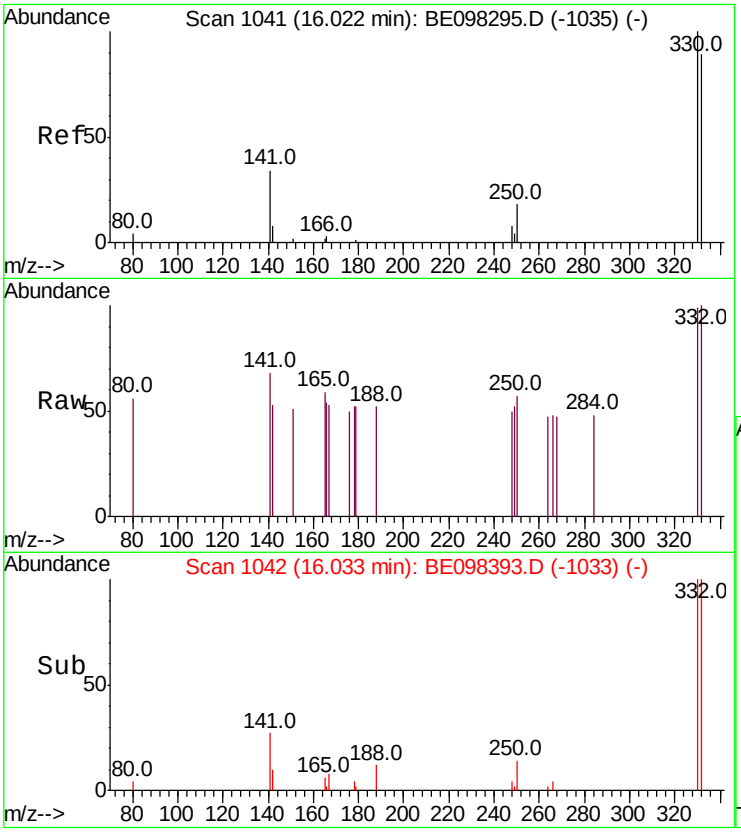


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE098393.D
Acq: 13 Dec 2018 12:46

Tgt Ion:164 Resp: 2783

Ion	Ratio	Lower	Upper
164	100		
162	93.9	77.6	116.4
160	48.6	36.0	54.0



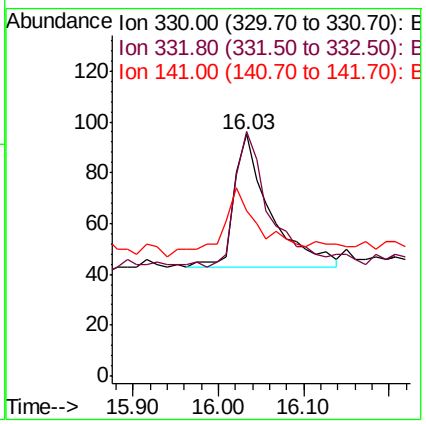


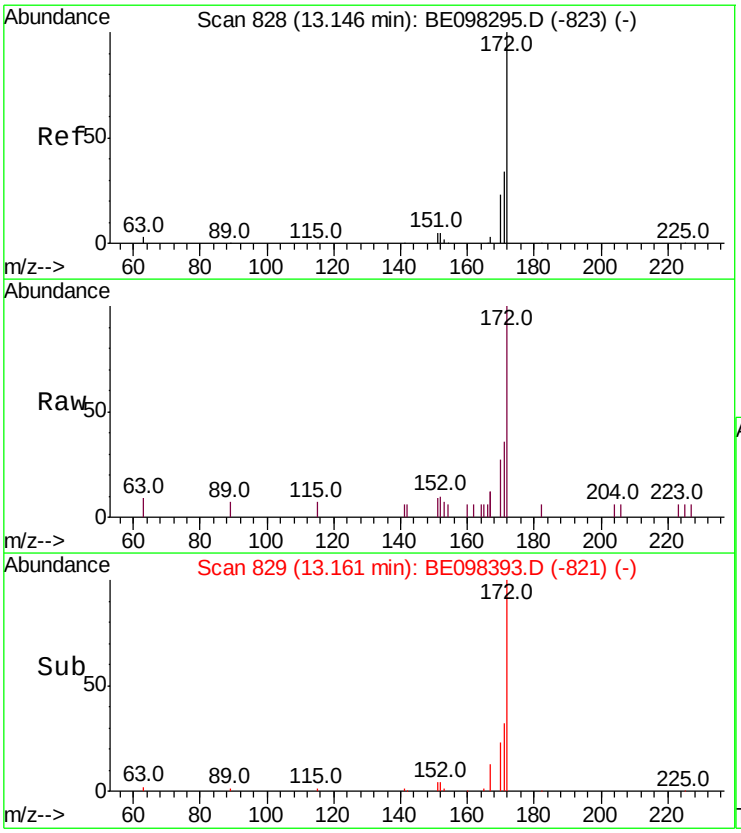
#14
2,4,6-Tribromophenol
Concen: 0.149 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BE098393.D
Acq: 13 Dec 2018 12:46

Instrument :
BNA_E
ClientSampleId :
RE-120D2-20181205DL

Tgt Ion:330 Resp: 152

Ion	Ratio	Lower	Upper
330	100		
332	98.7	76.2	114.4
141	37.5	39.0	58.4#

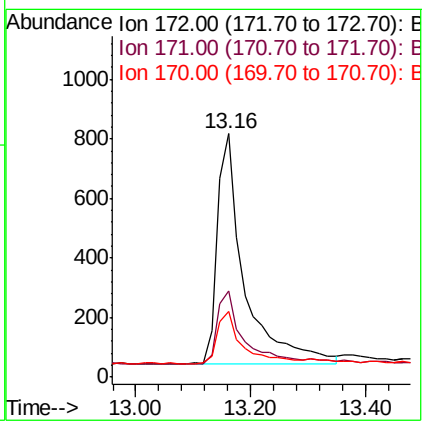


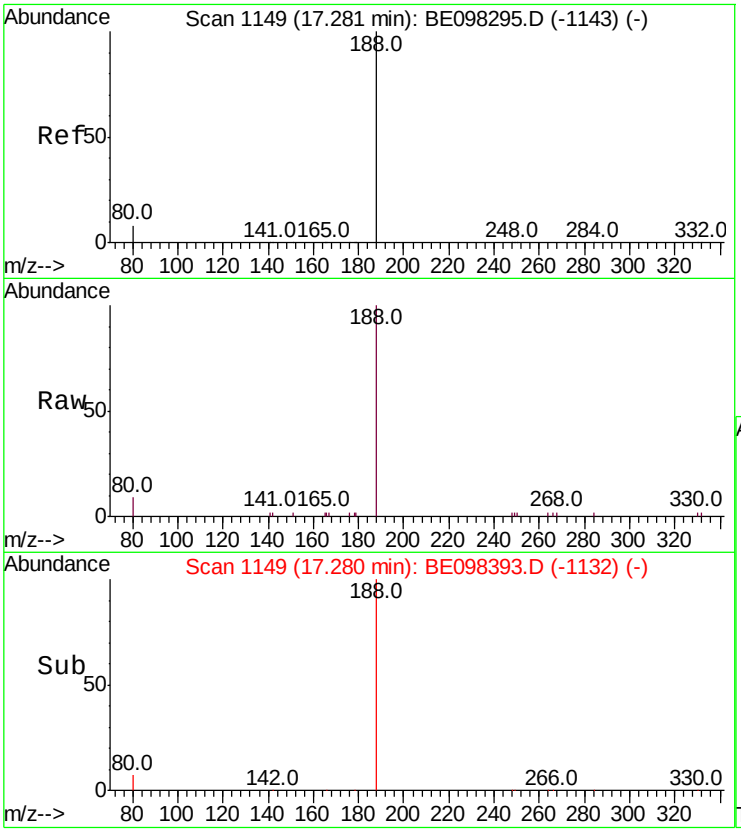


#15
2-Fluorobiphenyl
Concen: 0.214 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.01 min
Lab File: BE098393.D
Acq: 13 Dec 2018 12:46

Tgt Ion:172 Resp: 2512

Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.5	41.3
170	26.9	19.6	29.4



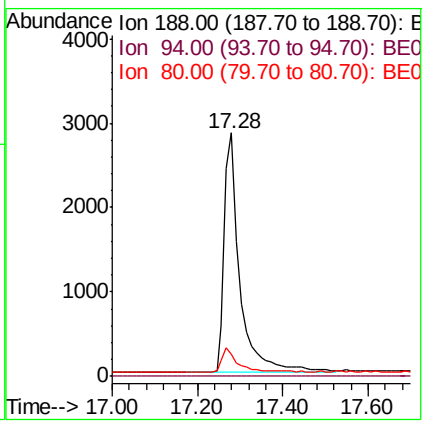


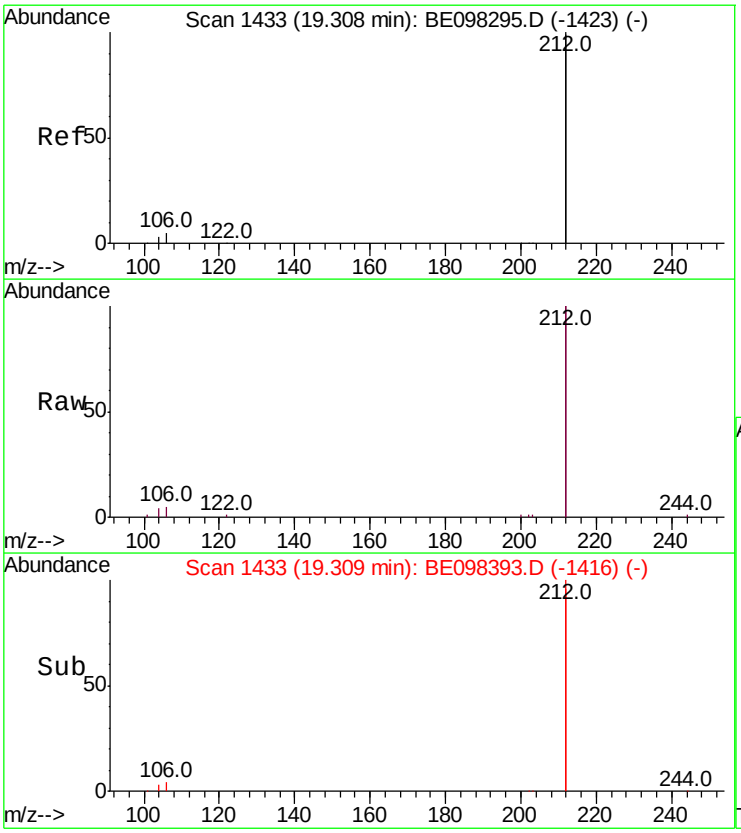
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE098393.D
Acq: 13 Dec 2018 12:46

Instrument :
BNA_E
ClientSampleId :
RE-120D2-20181205DL

Tgt Ion:188 Resp: 7219

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	7.2	10.8

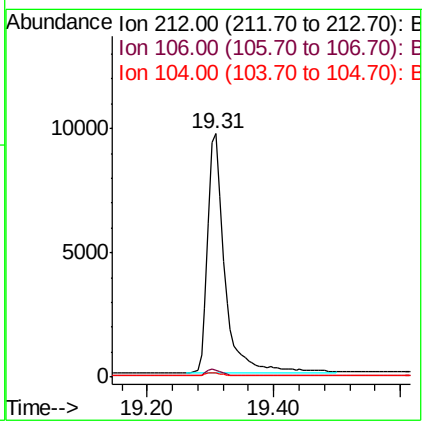


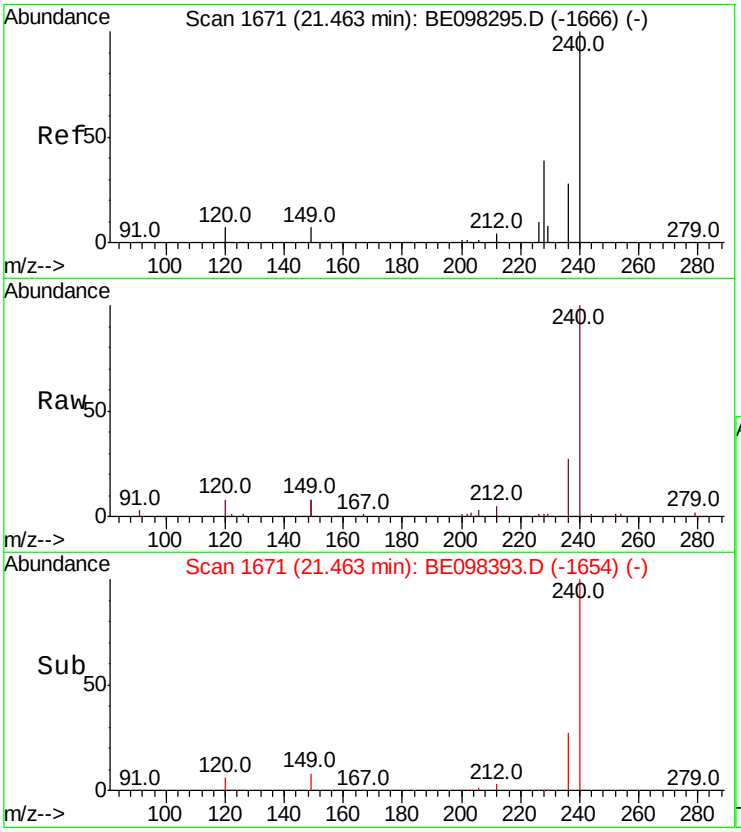


#25
Fluoranthene-d10
Concen: 0.192 ng
RT: 19.31 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BE098393.D
Acq: 13 Dec 2018 12:46

Tgt Ion:212 Resp: 17759

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



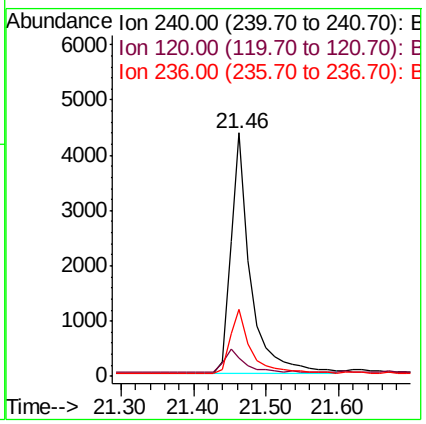


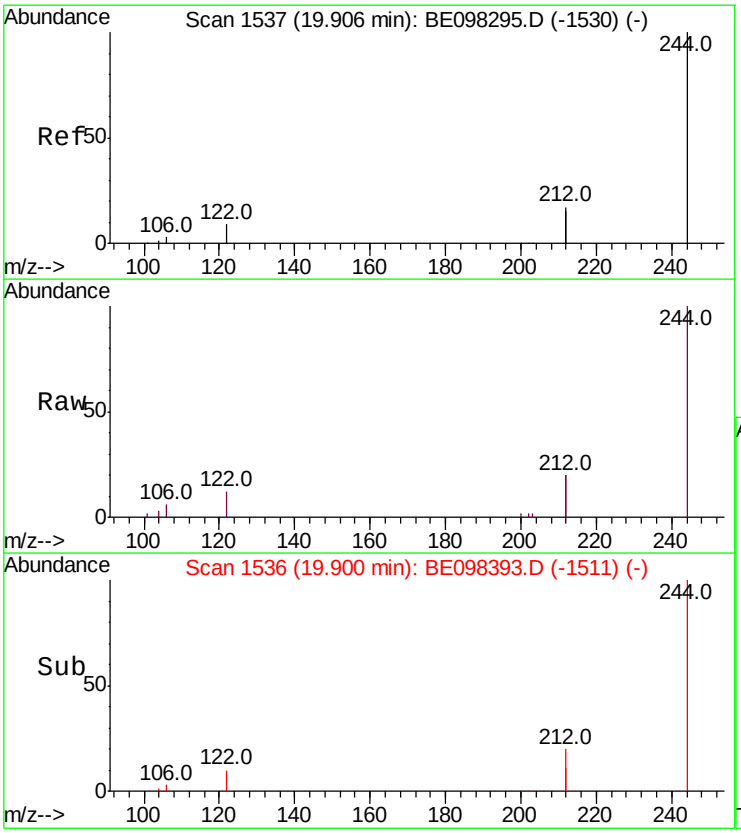
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098393.D
Acq: 13 Dec 2018 12:46

Instrument :
BNA_E
ClientSampleId :
RE-120D2-20181205DL

Tgt Ion:240 Resp: 8366

Ion	Ratio	Lower	Upper
240	100		
120	7.6	9.5	14.3#
236	27.5	22.7	34.1

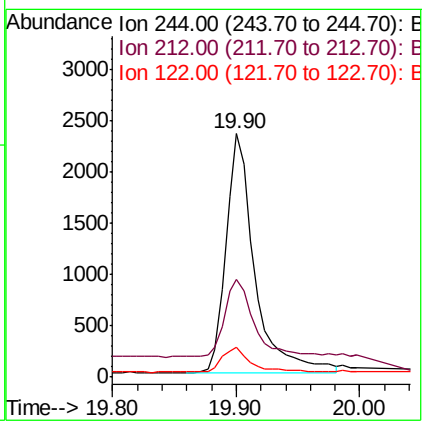


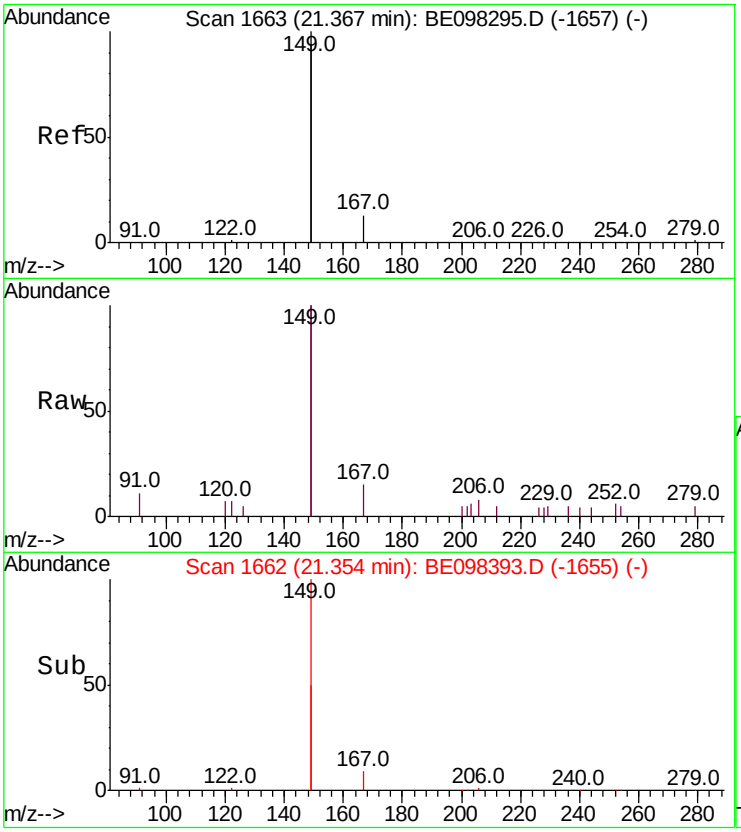


#29
Terphenyl-d14
Concen: 0.185 ng
RT: 19.90 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BE098393.D
Acq: 13 Dec 2018 12:46

Tgt Ion:244 Resp: 3760

Ion	Ratio	Lower	Upper
244	100		
212	40.0	27.4	41.0
122	12.1	8.3	12.5



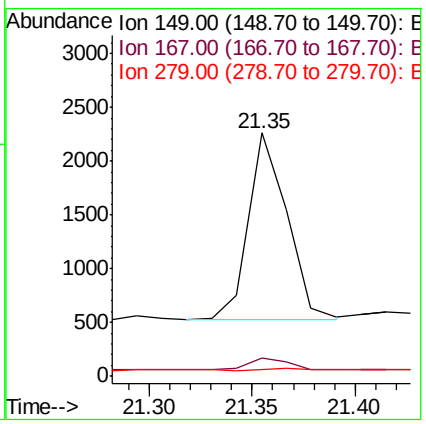


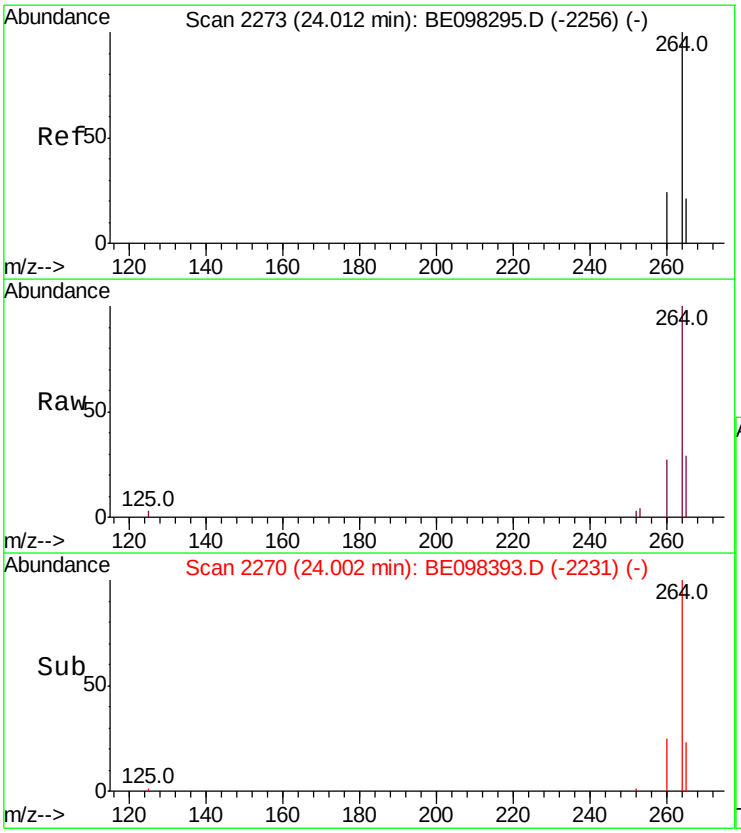
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.046 ng
RT: 21.35 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BE098393.D
Acq: 13 Dec 2018 12:46

Instrument :
BNA_E
ClientSampleId :
RE-120D2-20181205DL

Tgt Ion:149 Resp: 2238

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.7	8.5
279	1.0	1.0	1.4





#34
Perylene-d12
Concen: 0.400 ng
RT: 24.00 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BE098393.D
Acq: 13 Dec 2018 12:46

Tgt Ion:264 Resp: 8144

Ion	Ratio	Lower	Upper
264	100		
260	26.7	20.2	30.2
265	29.2	25.2	37.8