Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121918\
Data File : BE098525.D
Acq On : 19 Dec 2018 11:34
Operator : SJ/JU
Sample : J6405-05DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : RE105D1-20181210DL

Quant Time: Dec 19 16:17:46 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	7.85	152	820	0.40	ng		-0.01
7) Naphthalene-d8	10.65	136	4126	0.40	ng		-0.01
13) Acenaphthene-d10	14.51	164	2828	0.40	ng		-0.01
19) Phenanthrene-d10	17.27	188	6645	0.40	ng		-0.01
27) Chrysene-d12	21.45	240	7549	0.40	ng		-0.01
34) Perylene-d12	23.99	264	6656	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	139	0.07	ng		0.00
5) Phenol-d6	7.05	99	182	0.07	ng		0.00
8) Nitrobenzene-d5	9.04	82	525	0.14	ng		0.03
11) 2-Methylnaphthalene-d10	12.25	152	1451	0.22	ng		-0.01
14) 2,4,6-Tribromophenol	16.02	330	182	0.18	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	2576	0.22	ng		0.00
25) Fluoranthene-d10	19.30	212	17824	0.21	ng		-0.01
29) Terphenyl-d14	19.89	244	4595	0.25	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	2820	1.989	ng		96
3) n-Nitrosodimethylamine	3.72	42	36	0.028	ng	#	100
22) Pentachlorophenol	16.93	266	6	0.026	ng	#	72
32) Bis(2-ethylhexyl)phthalate	21.35	149	944	0.022	ng	#	97

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

Quantitation Report (Not Reviewed)

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RE105D1-20181210DL

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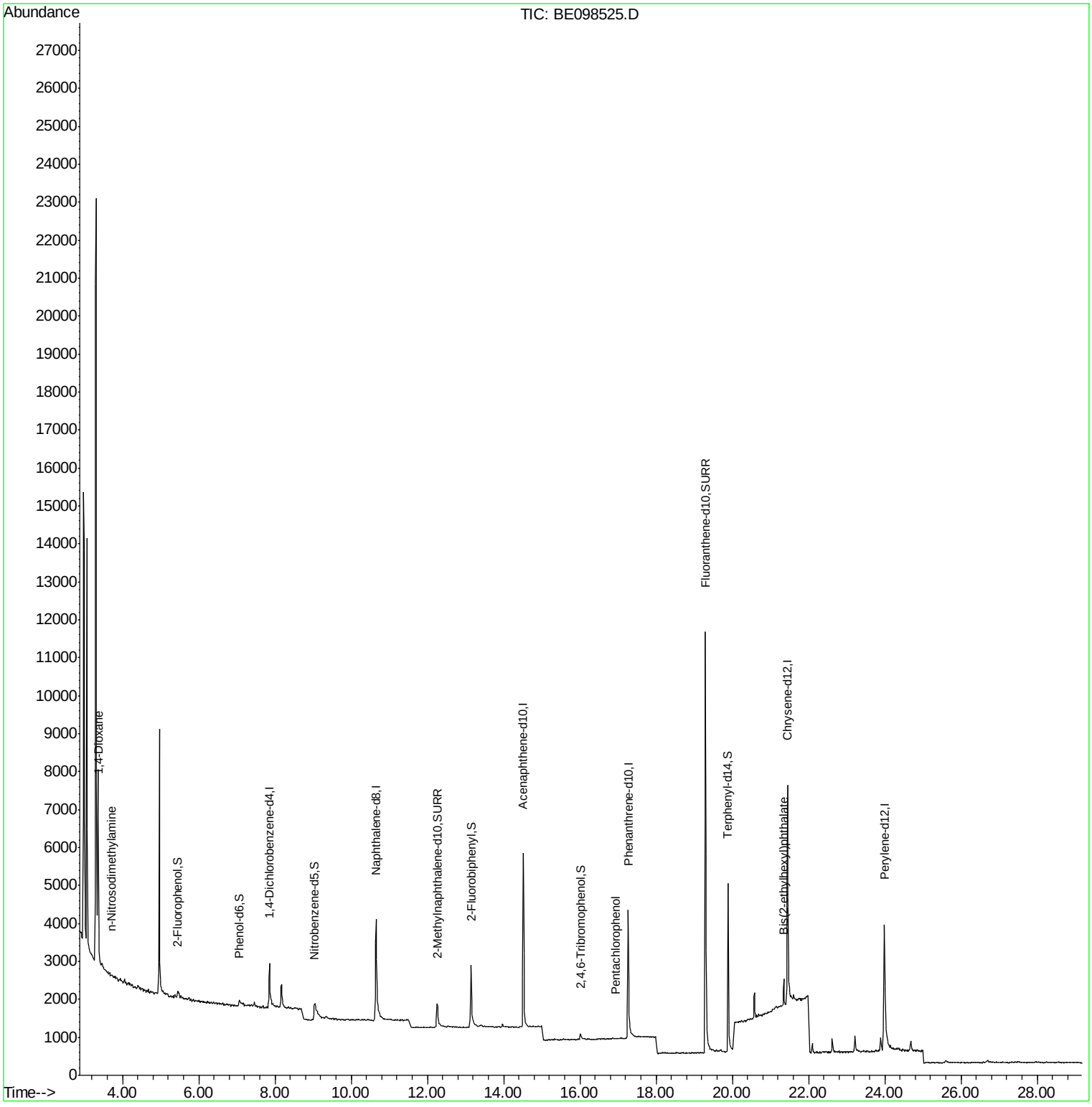
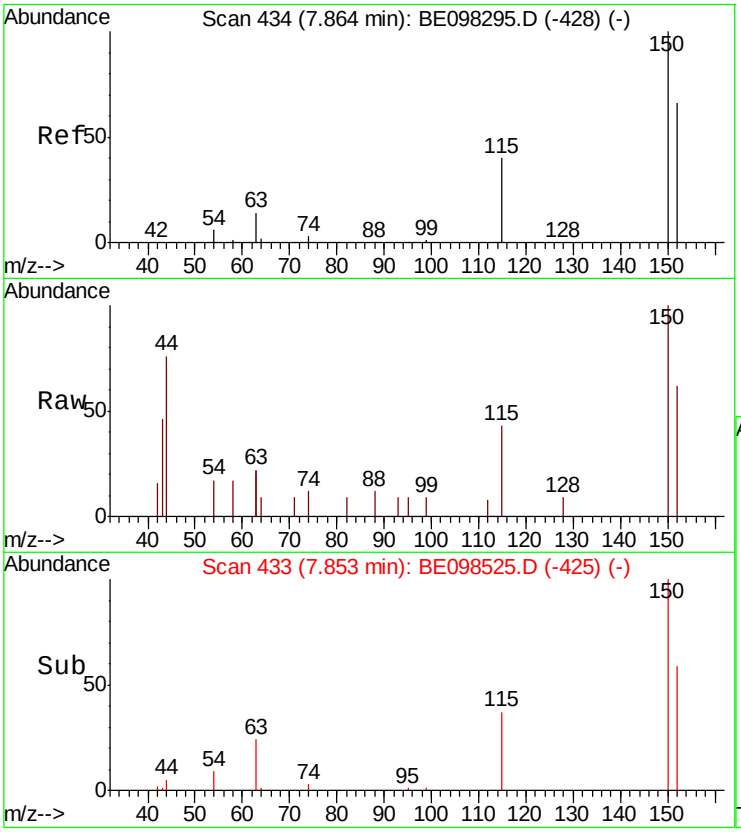
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration



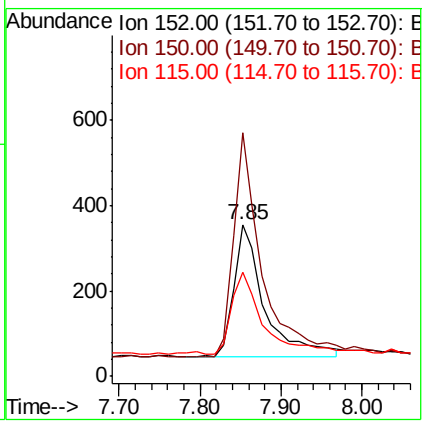


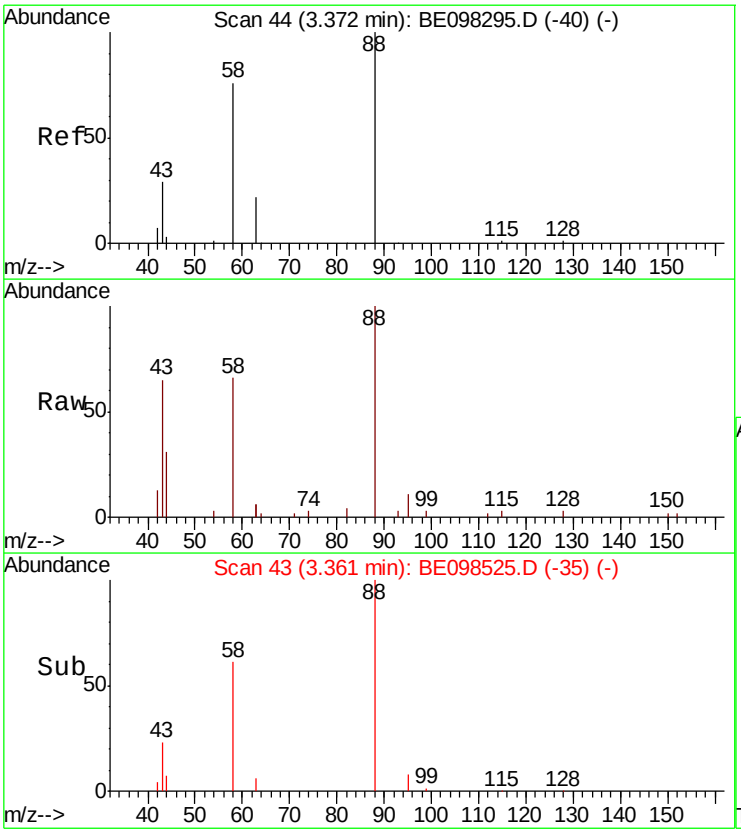
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. -0.01 min
Lab File: BE098525.D
Acq: 19 Dec 2018 11:34

Instrument :
BNA_E
ClientSampleId :
RE105D1-20181210DL

Tgt Ion:152 Resp: 820

Ion	Ratio	Lower	Upper
152	100		
150	160.4	124.2	186.4
115	68.8	53.9	80.9

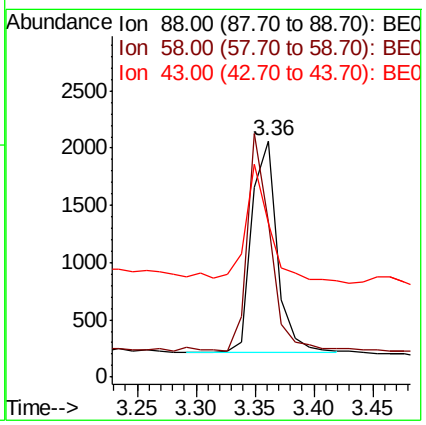


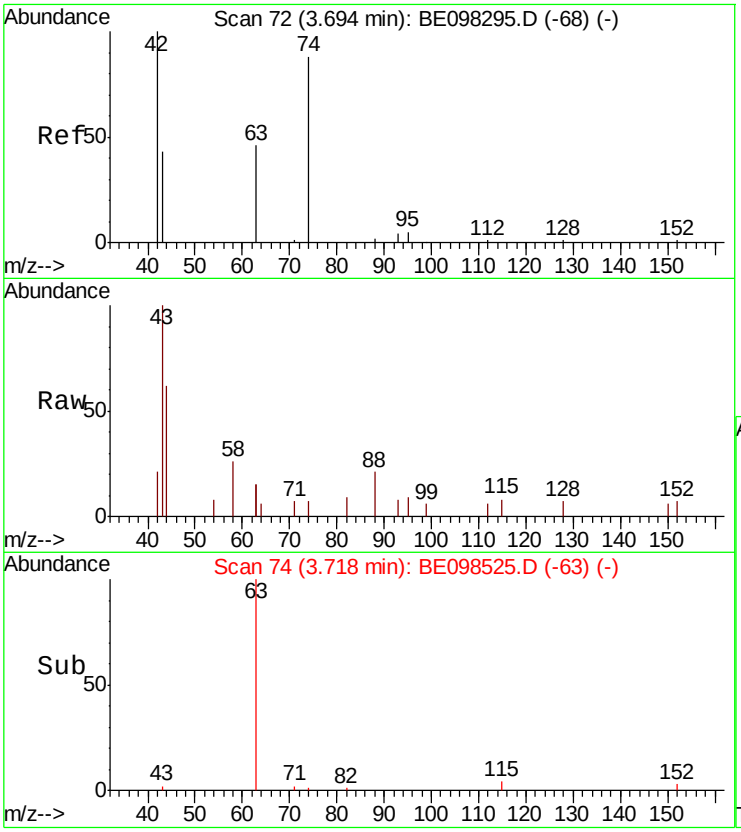


#2
1,4-Dioxane
Concen: 1.989 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098525.D
Acq: 19 Dec 2018 11:34

Tgt Ion: 88 Resp: 2820

Ion	Ratio	Lower	Upper
88	100		
58	89.6	75.0	112.6
43	49.2	38.3	57.5



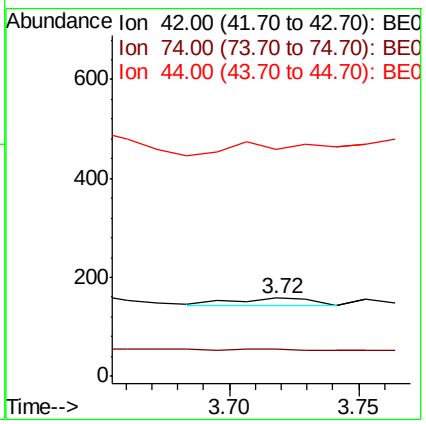


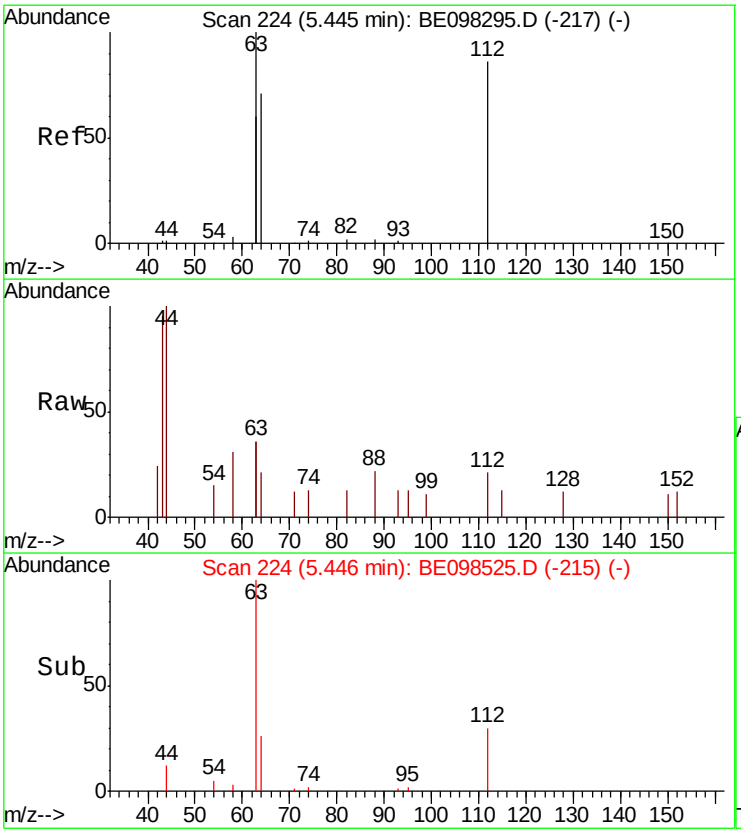
#3
n-Nitrosodimethylamine
Concen: 0.028 ng
RT: 3.72 min Scan# 74
Delta R.T. 0.02 min
Lab File: BE098525.D
Acq: 19 Dec 2018 11:34

Instrument :
BNA_E
ClientSampleId :
RE105D1-20181210DL

Tgt Ion: 42 Resp: 36

Ion	Ratio	Lower	Upper
42	100		
74	11.1	0.0	0.0#
44	97.2	0.0	0.0#

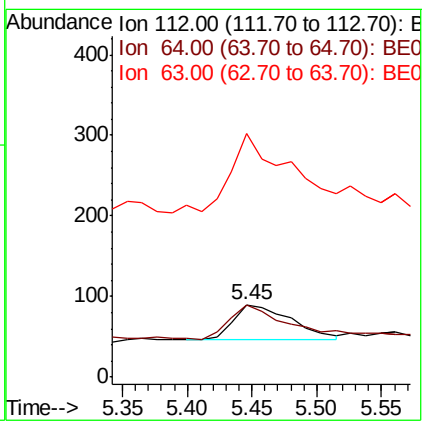


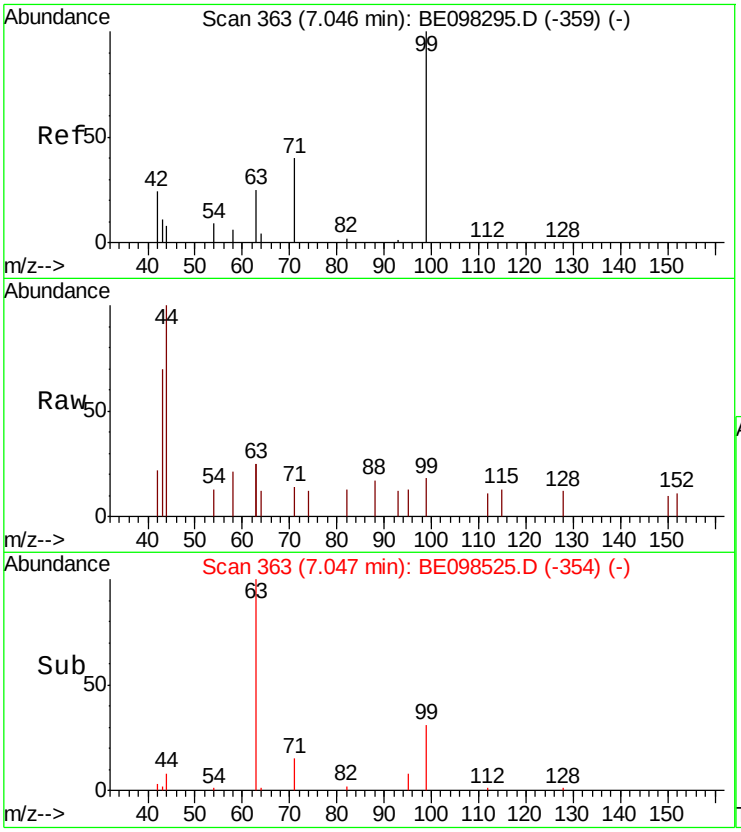


#4
2-Fluorophenol
Concen: 0.072 ng
RT: 5.45 min Scan# 224
Delta R.T. 0.00 min
Lab File: BE098525.D
Acq: 19 Dec 2018 11:34

Tgt Ion:112 Resp: 139

Ion	Ratio	Lower	Upper
112	100		
64	121.6	59.8	89.8#
63	262.6	133.7	200.5#



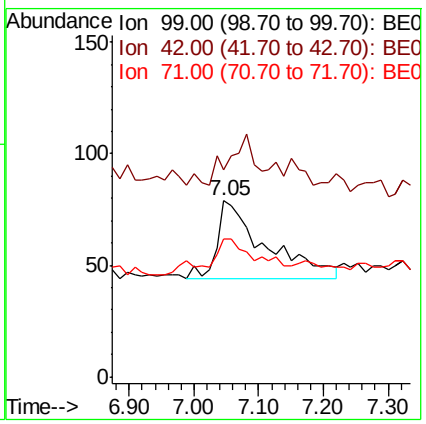


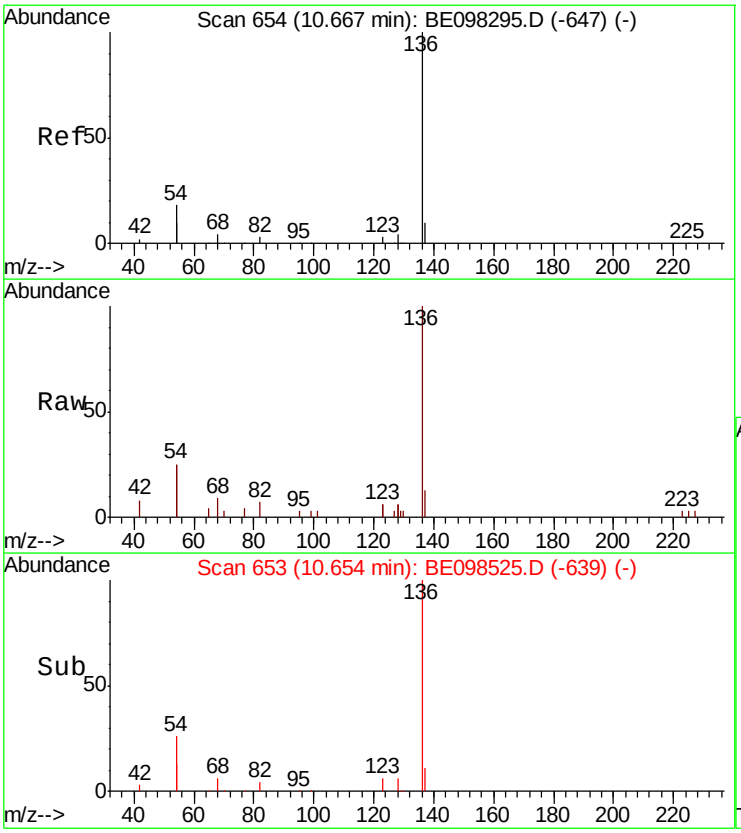
#5
Phenol-d6
Concen: 0.067 ng
RT: 7.05 min Scan# 363
Delta R.T. 0.00 min
Lab File: BE098525.D
Acq: 19 Dec 2018 11:34

Instrument :
BNA_E
ClientSampleId :
RE105D1-20181210DL

Tgt Ion: 99 Resp: 182

Ion	Ratio	Lower	Upper
99	100		
42	0.0	26.3	39.5#
71	31.3	33.6	50.4#

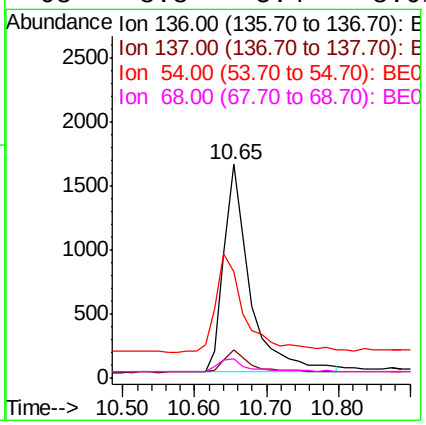


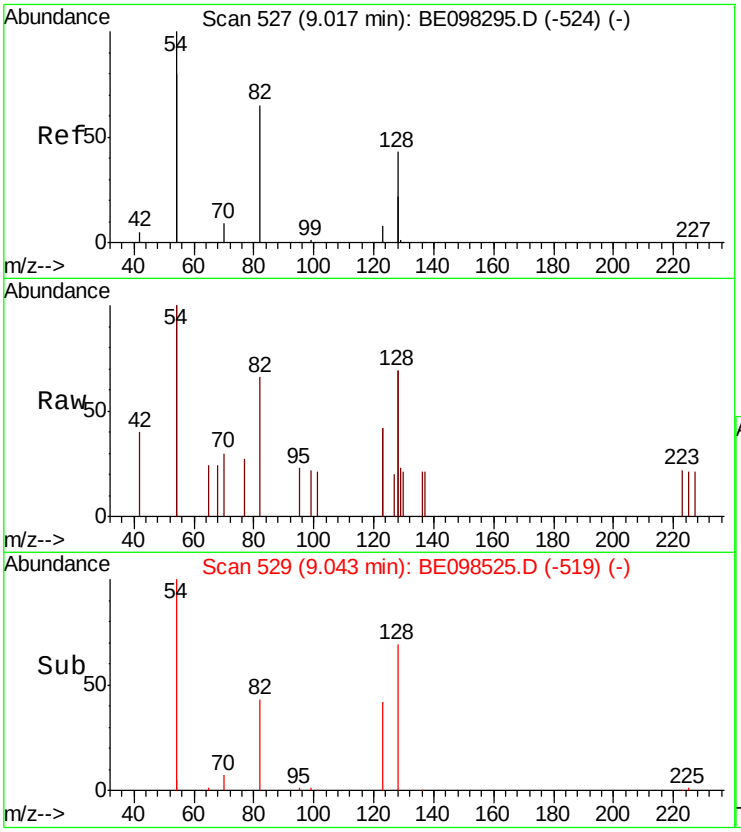


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.01 min
Lab File: BE098525.D
Acq: 19 Dec 2018 11:34

Tgt Ion:136 Resp: 4126

Ion	Ratio	Lower	Upper
136	100		
137	13.3	9.2	13.8
54	49.8	28.4	42.6#
68	8.8	5.4	8.0#



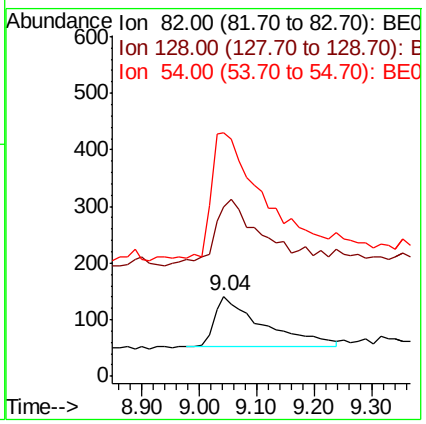


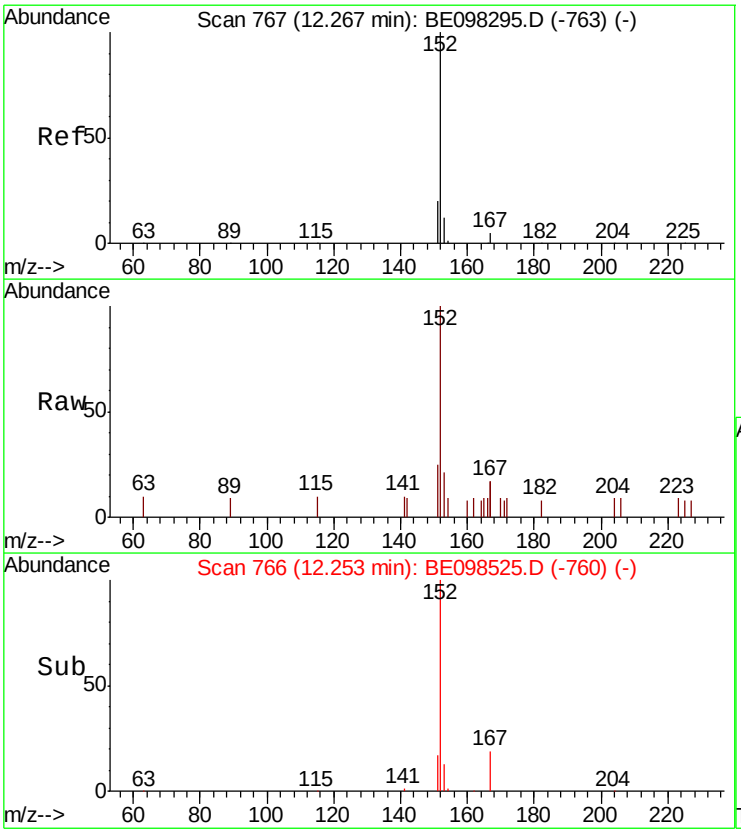
#8
Nitrobenzene-d5
Concen: 0.140 ng
RT: 9.04 min Scan# 529
Delta R.T. 0.03 min
Lab File: BE098525.D
Acq: 19 Dec 2018 11:34

Instrument :
BNA_E
ClientSampleId :
RE105D1-20181210DL

Tgt Ion: 82 Resp: 525

Ion	Ratio	Lower	Upper
82	100		
128	211.3	102.4	153.6#
54	305.0	221.8	332.8

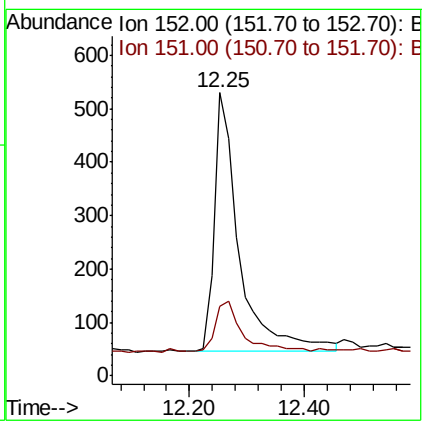


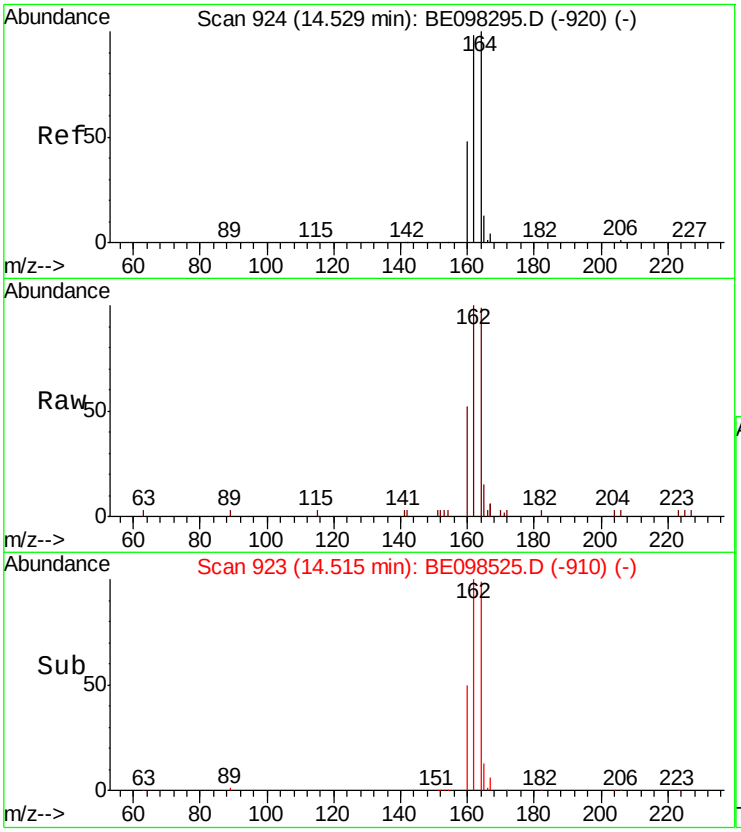


#11
2-Methylnaphthalene-d10
Concen: 0.216 ng
RT: 12.25 min Scan# 766
Delta R.T. -0.01 min
Lab File: BE098525.D
Acq: 19 Dec 2018 11:34

Tgt Ion:152 Resp: 1451

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.4



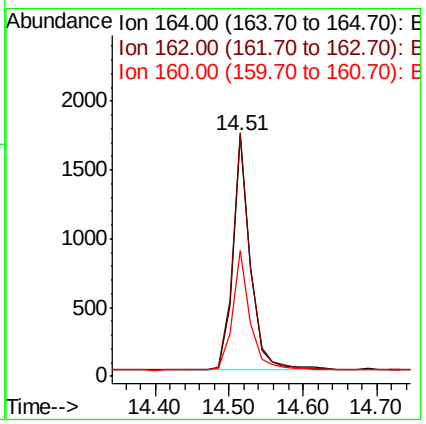


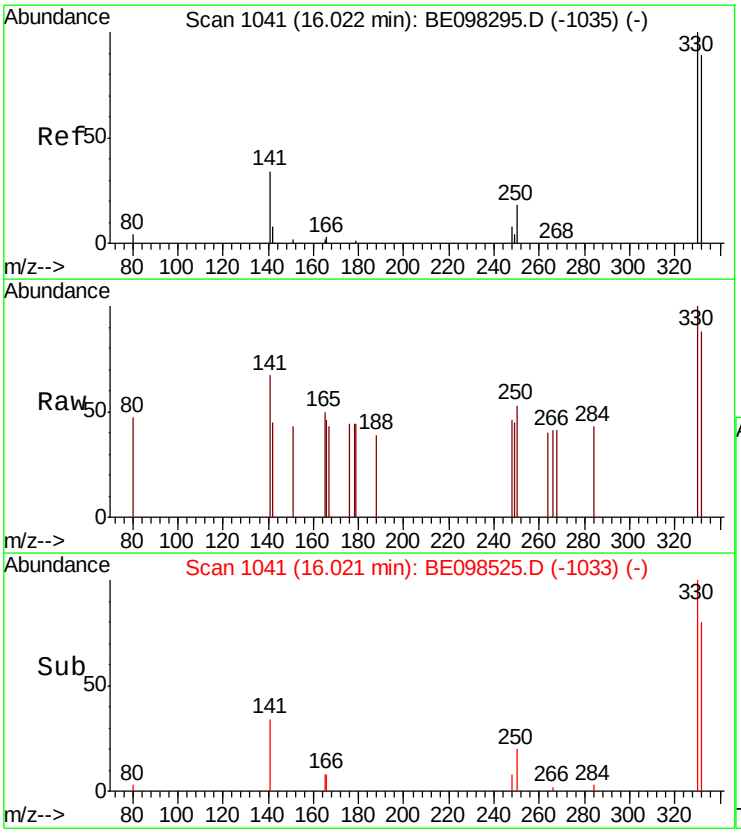
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098525.D
Acq: 19 Dec 2018 11:34

Instrument :
BNA_E
ClientSampleId :
RE105D1-20181210DL

Tgt Ion:164 Resp: 2828

Ion	Ratio	Lower	Upper
164	100		
162	101.1	77.6	116.4
160	52.2	36.0	54.0

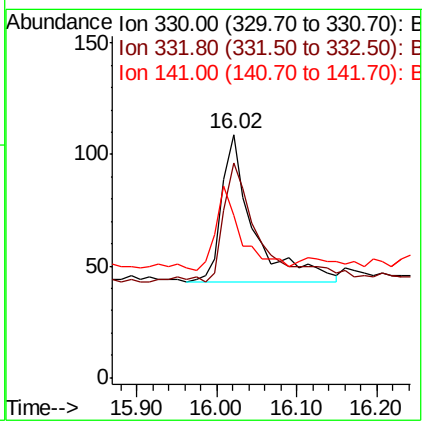


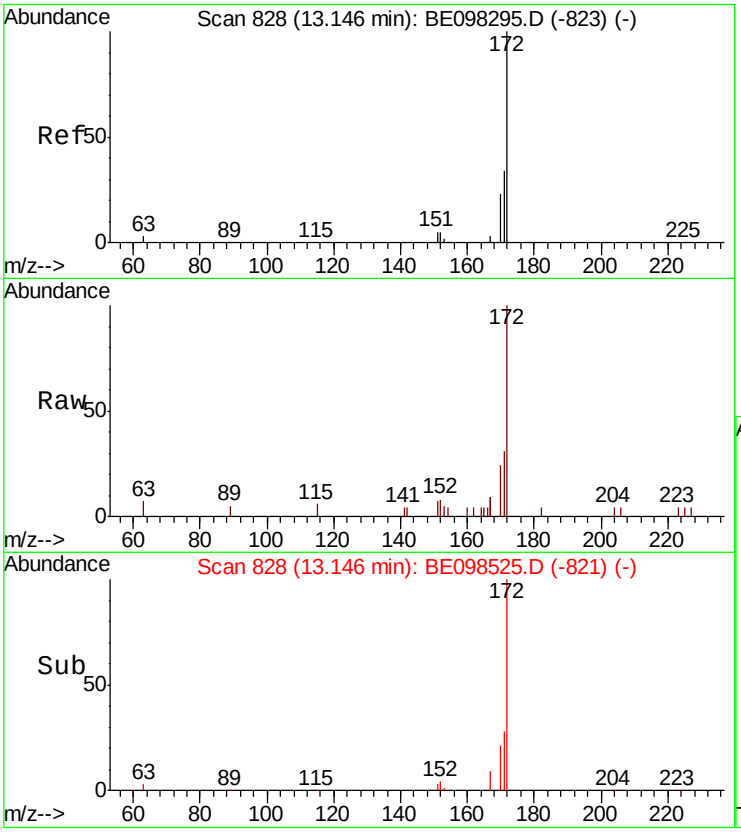


#14
2,4,6-Tribromophenol
Concen: 0.175 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098525.D
Acq: 19 Dec 2018 11:34

Tgt Ion:330 Resp: 182

Ion	Ratio	Lower	Upper
330	100		
332	94.0	76.2	114.4
141	46.7	39.0	58.4



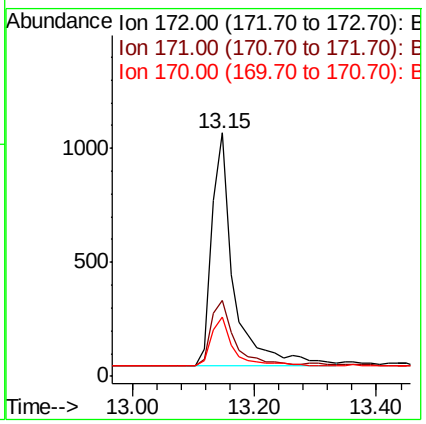


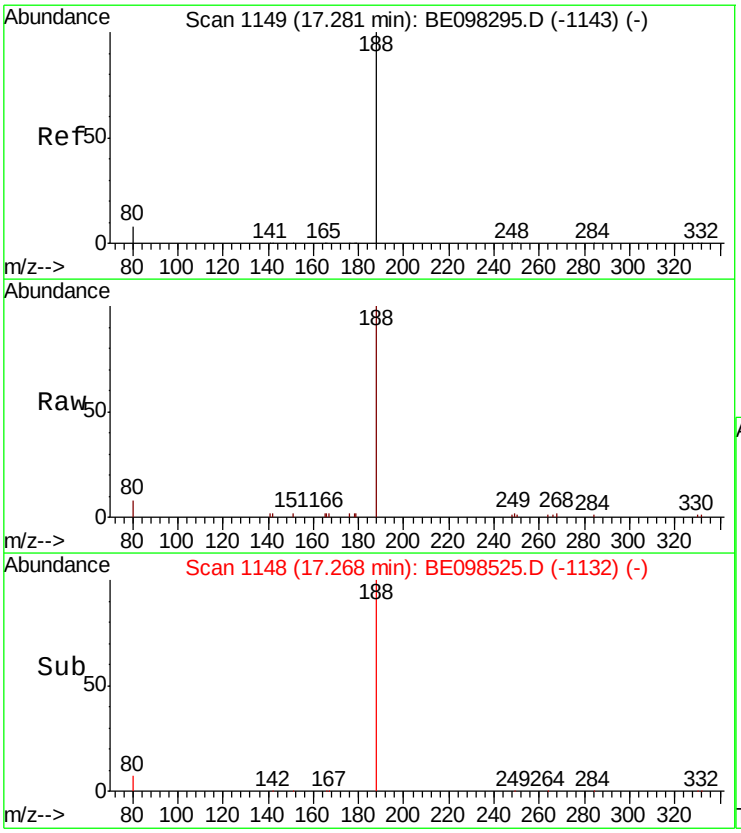
#15
2-Fluorobiphenyl
Concen: 0.216 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098525.D
Acq: 19 Dec 2018 11:34

Instrument :
BNA_E
ClientSampleId :
RE105D1-20181210DL

Tgt Ion:172 Resp: 2576

Ion	Ratio	Lower	Upper
172	100		
171	31.4	27.5	41.3
170	24.3	19.6	29.4

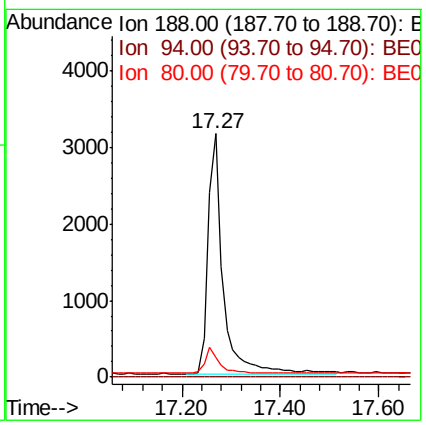


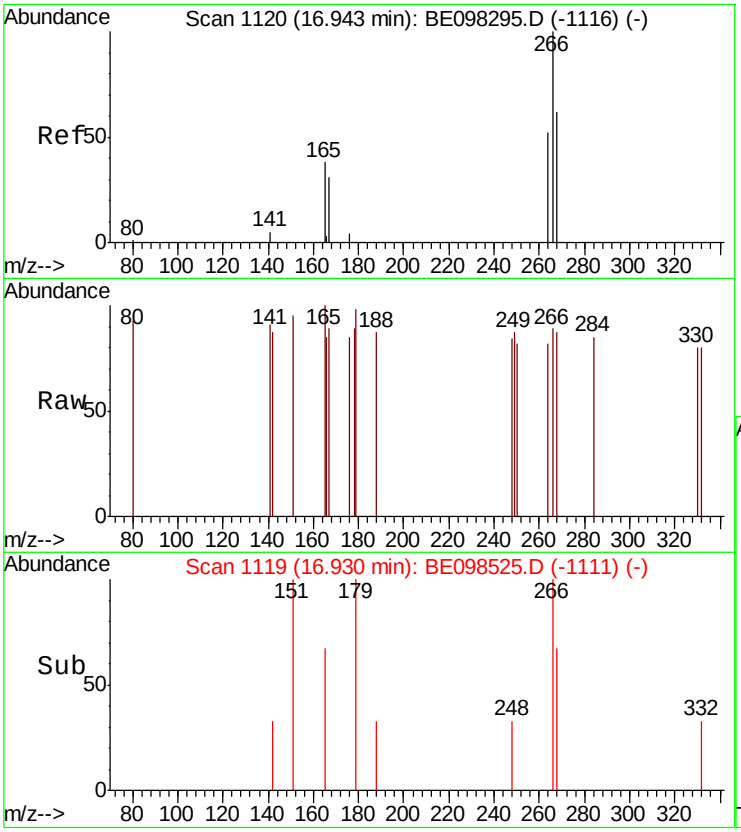


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BE098525.D
Acq: 19 Dec 2018 11:34

Tgt Ion:188 Resp: 6645

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.3	7.2	10.8



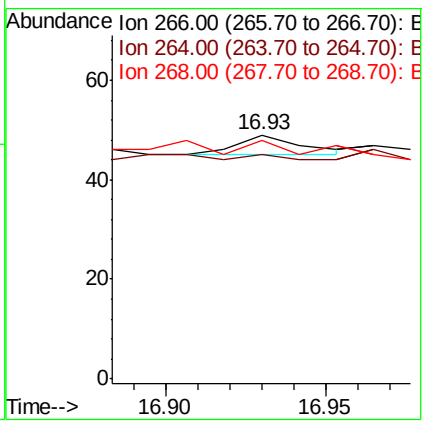


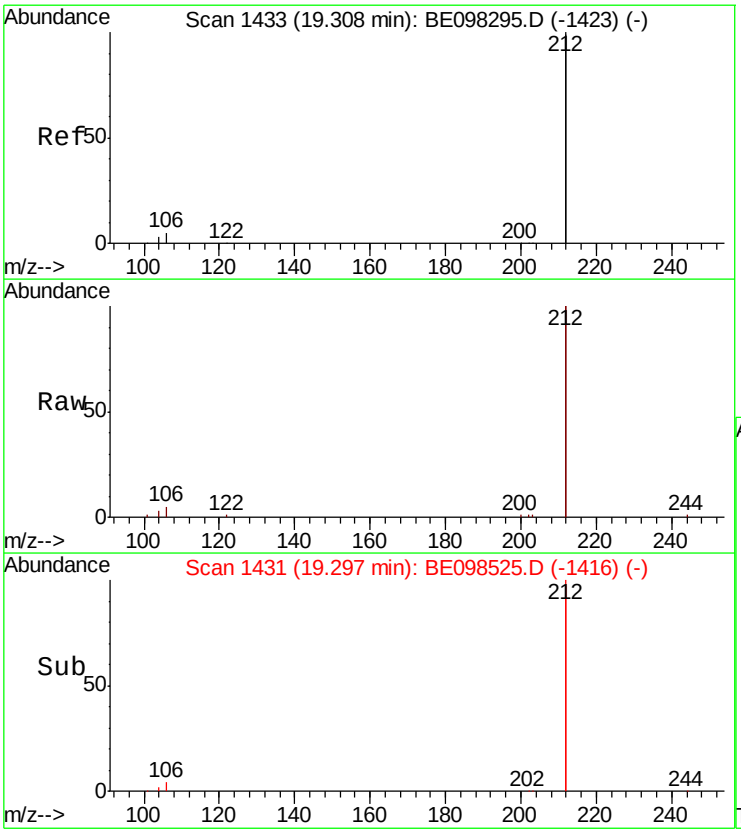
#22
Pentachlorophenol
Concen: 0.026 ng
RT: 16.93 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BE098525.D
Acq: 19 Dec 2018 11:34

Instrument :
BNA_E
ClientSampleId :
RE105D1-20181210DL

Tgt Ion:266 Resp: 6

Ion	Ratio	Lower	Upper
266	100		
264	91.8	59.0	88.4#
268	98.0	55.1	82.7#

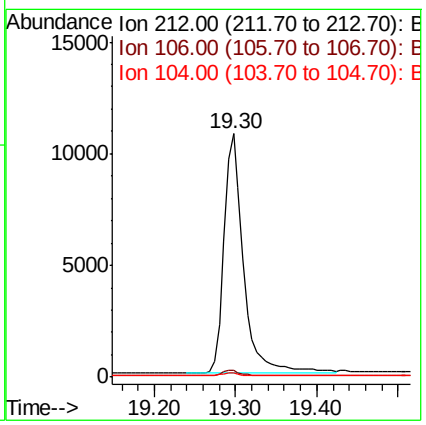


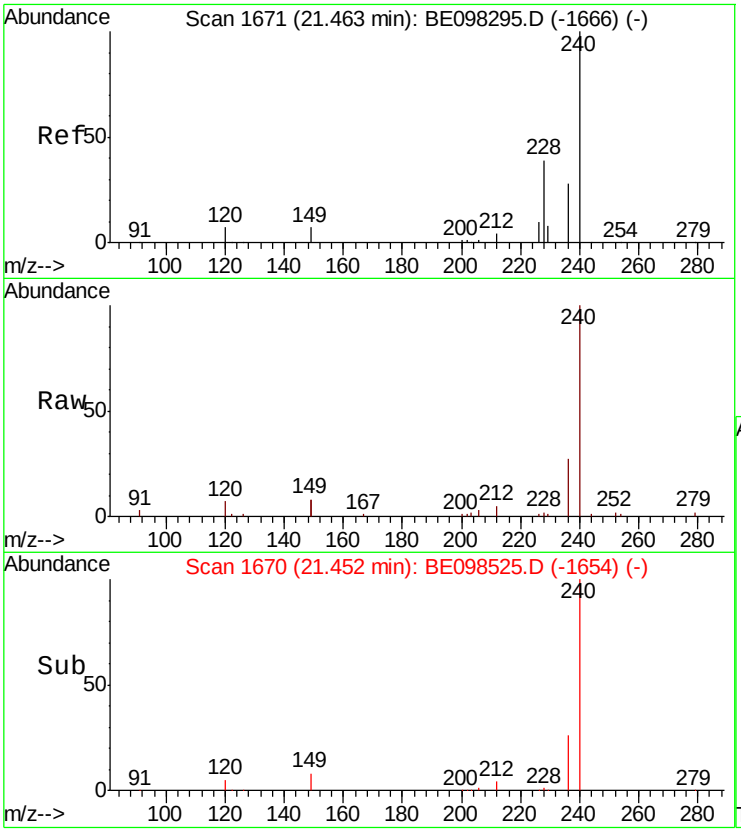


#25
Fluoranthene-d10
Concen: 0.209 ng
RT: 19.30 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BE098525.D
Acq: 19 Dec 2018 11:34

Tgt Ion:212 Resp: 17824

Ion	Ratio	Lower	Upper
212	100		
106	2.4	2.2	3.2
104	1.4	1.3	1.9



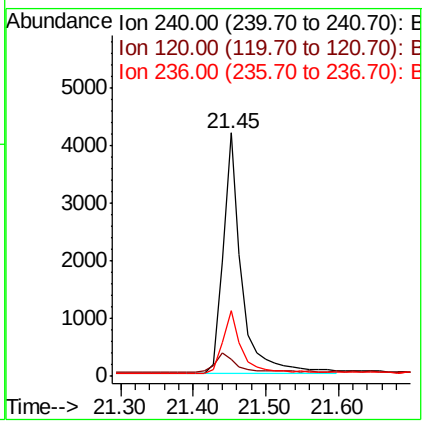


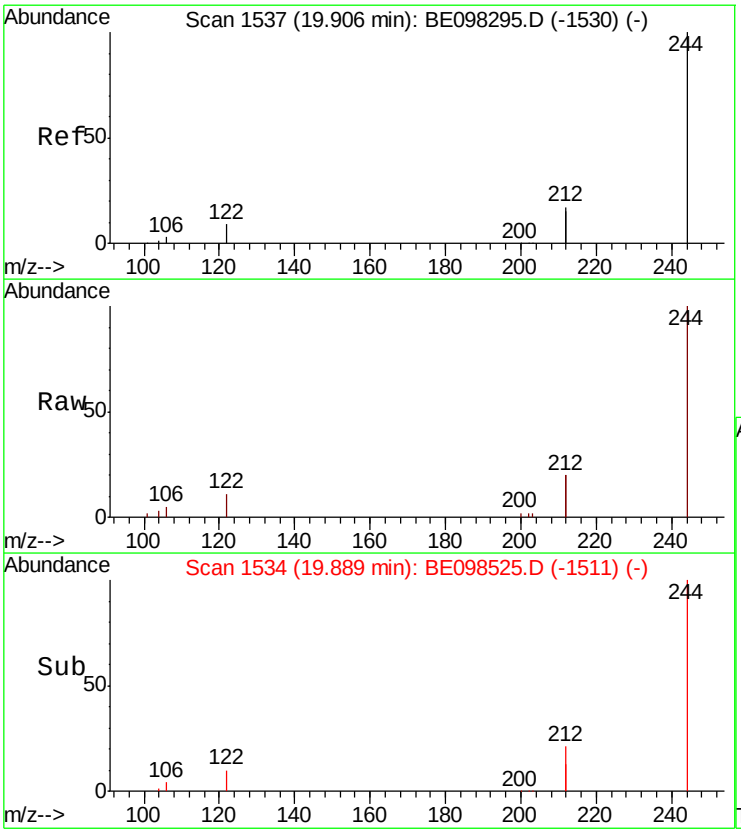
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BE098525.D
Acq: 19 Dec 2018 11:34

Instrument :
BNA_E
ClientSampleId :
RE105D1-20181210DL

Tgt Ion:240 Resp: 7549

Ion	Ratio	Lower	Upper
240	100		
120	7.2	9.5	14.3#
236	27.2	22.7	34.1

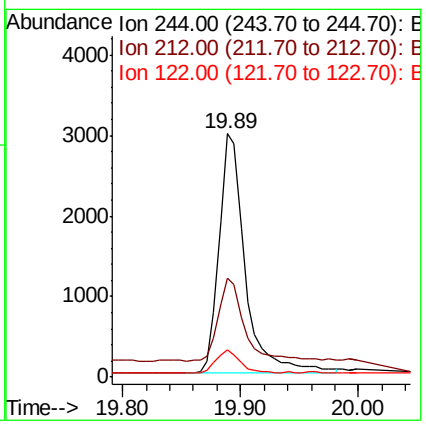


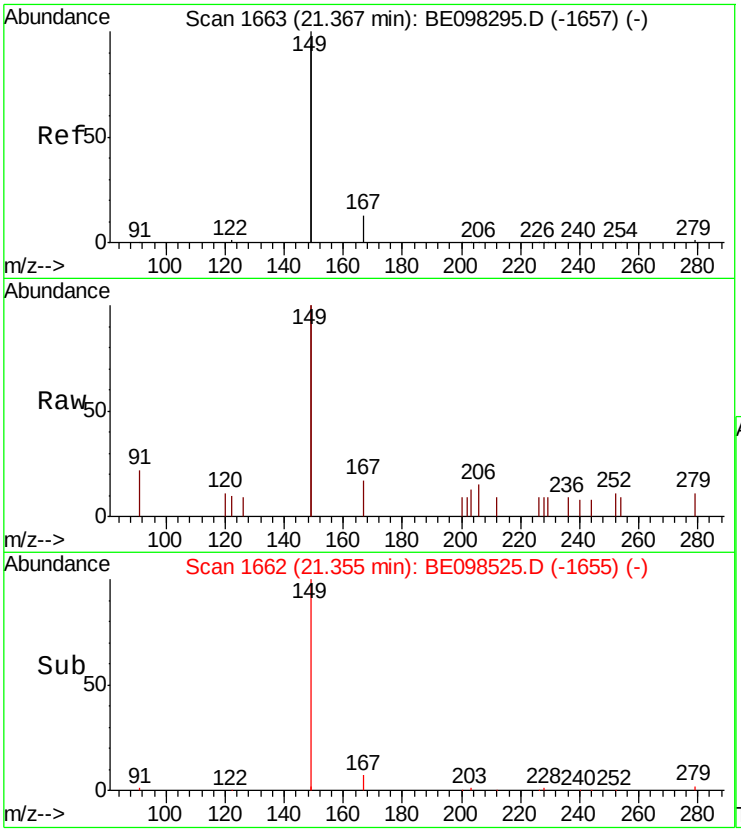


#29
Terphenyl-d14
Concen: 0.250 ng
RT: 19.89 min Scan# 1534
Delta R.T. -0.02 min
Lab File: BE098525.D
Acq: 19 Dec 2018 11:34

Tgt Ion:244 Resp: 4595

Ion	Ratio	Lower	Upper
244	100		
212	40.4	27.4	41.0
122	11.4	8.3	12.5



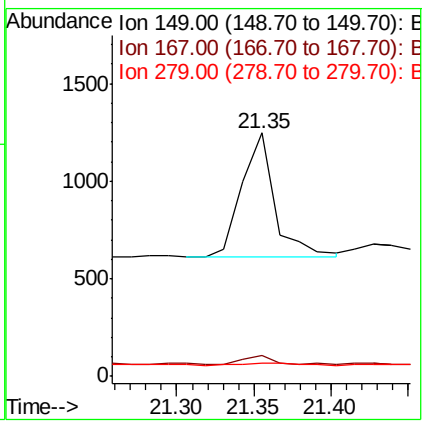


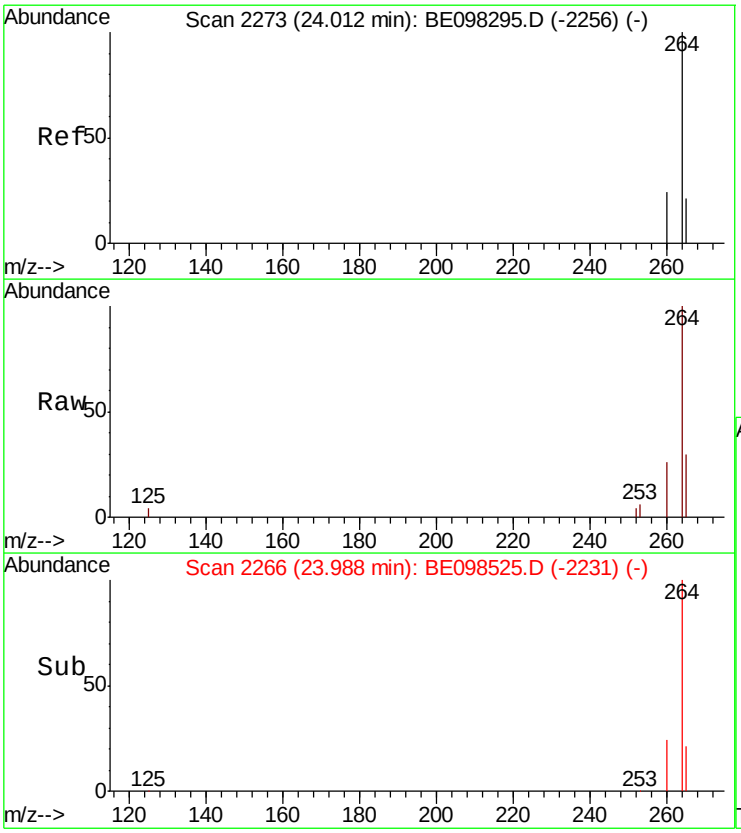
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.022 ng
RT: 21.35 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BE098525.D
Acq: 19 Dec 2018 11:34

Instrument :
BNA_E
ClientSampleId :
RE105D1-20181210DL

Tgt Ion:149 Resp: 944

Ion	Ratio	Lower	Upper
149	100		
167	8.1	5.7	8.5
279	3.5	1.0	1.4#





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.99 min Scan# 2266
Delta R.T. -0.02 min
Lab File: BE098525.D
Acq: 19 Dec 2018 11:34

Tgt Ion:264 Resp: 6656

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.2	30.2
265	30.4	25.2	37.8