Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011719\
Data File : BE098655.D
Acq On : 17 Jan 2019 20:14
Operator : SJ/JU
Sample : K1174-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : DUP

Quant Time: Jan 18 02:39:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE011519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 15 14:30:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	824	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3497	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2451	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	5893	0.40	ng	0.00
27) Chrysene-d12	21.41	240	6898	0.40	ng	0.00
34) Perylene-d12	23.92	264	6711	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	385	0.18	ng	0.01
5) Phenol-d6	7.01	99	308	0.10	ng	0.01
8) Nitrobenzene-d5	8.98	82	1113	0.40	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	2465	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	515	0.48	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4939	0.49	ng	0.00
25) Fluoranthene-d10	19.26	212	33397	0.46	ng	0.00
29) Terphenyl-d14	19.86	244	6881	0.45	ng	0.00
Target Compounds						Qvalue
32) Bis(2-ethylhexyl)phthalate	21.32	149	2160	0.055	ng	# 97

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

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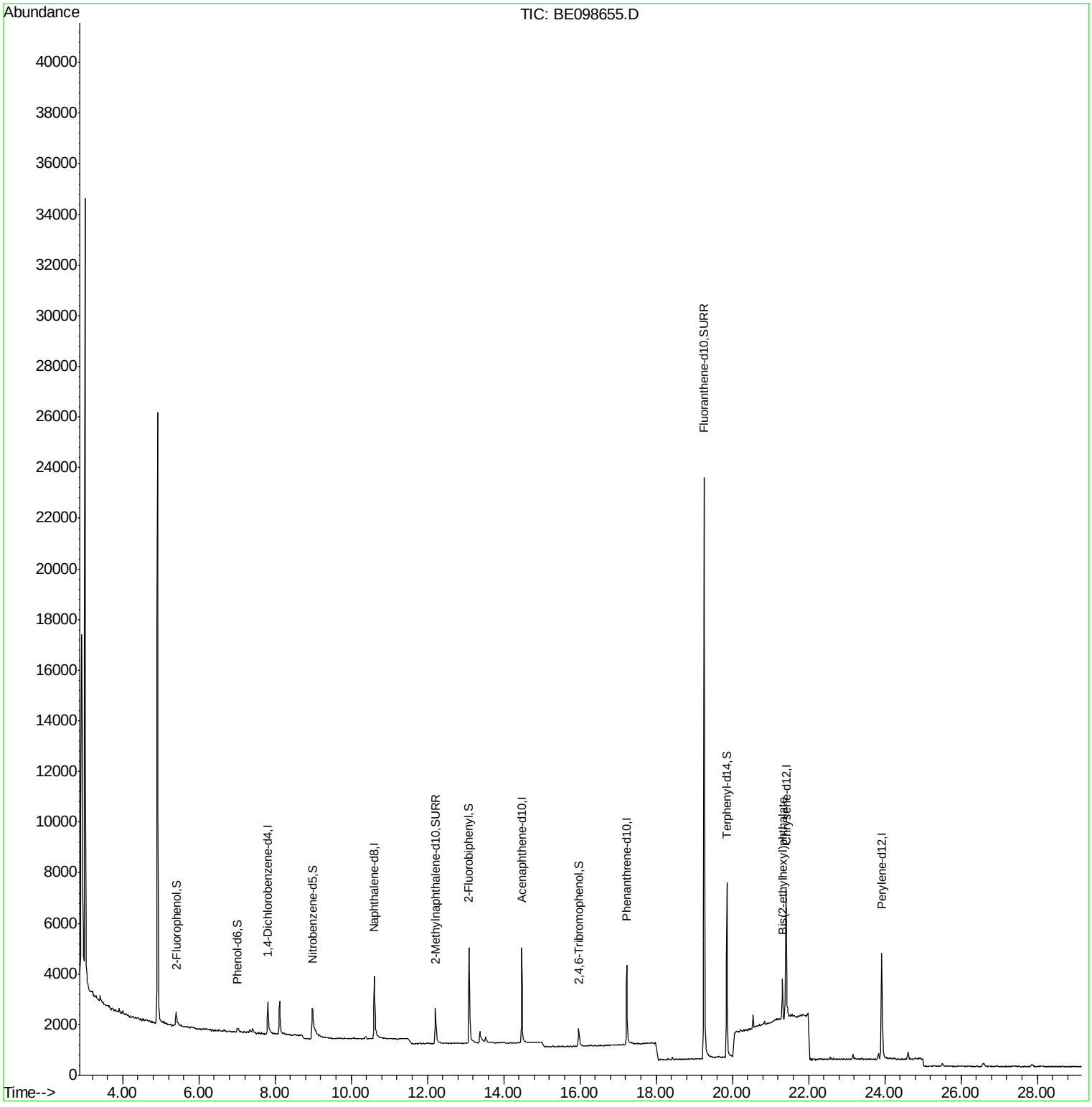
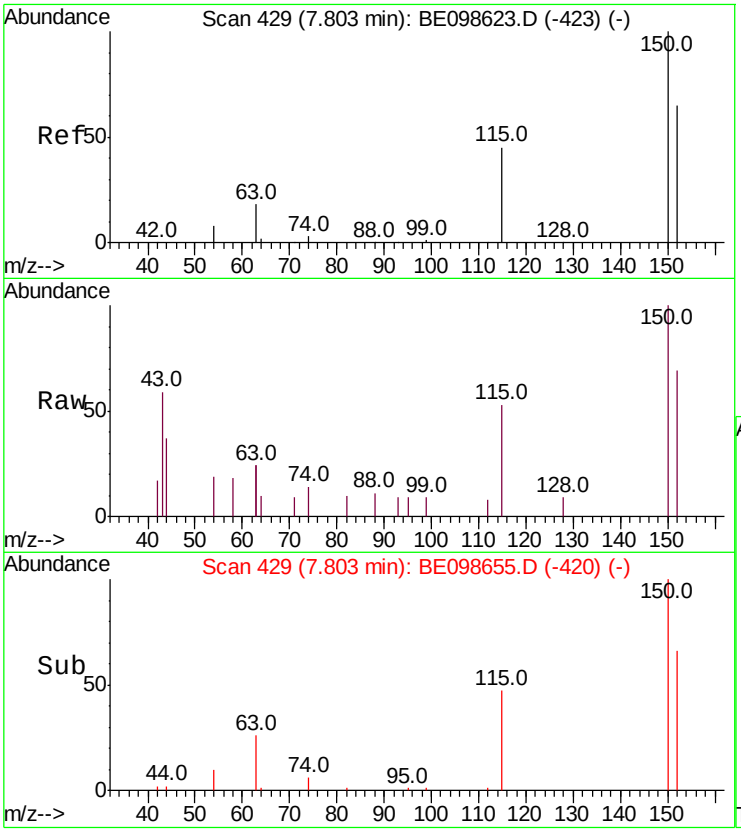


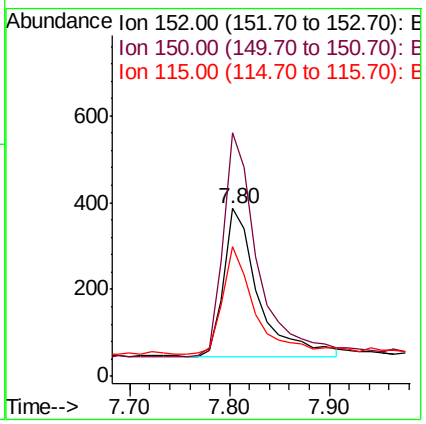


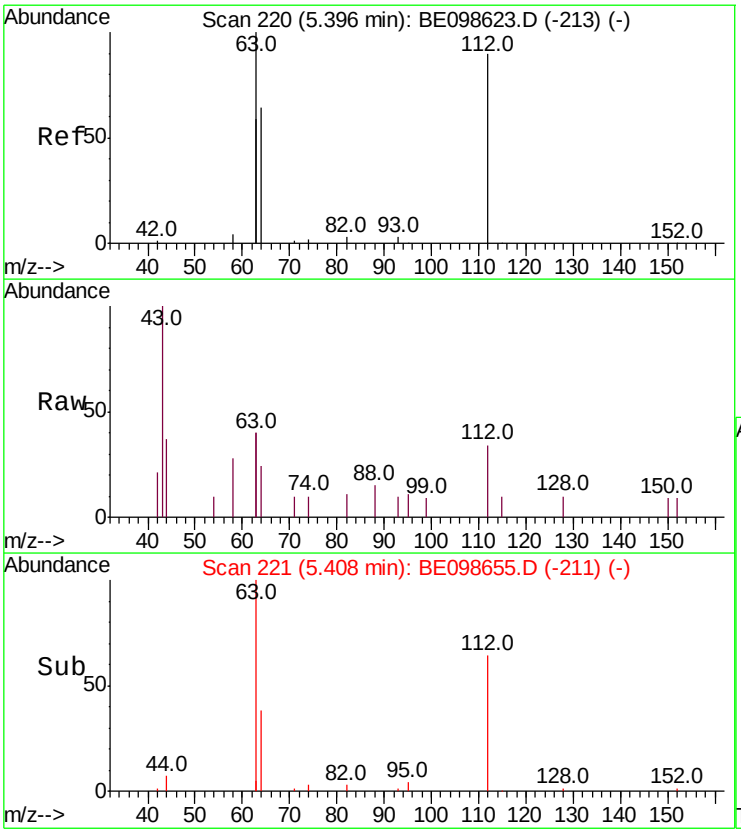
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. -0.00 min
Lab File: BE098655.D
Acq: 17 Jan 2019 20:14

Instrument :
BNA_E
ClientSampleId :
DUP

Tgt Ion:152 Resp: 824

Ion	Ratio	Lower	Upper
152	100		
150	145.3	121.4	182.2
115	77.5	59.1	88.7

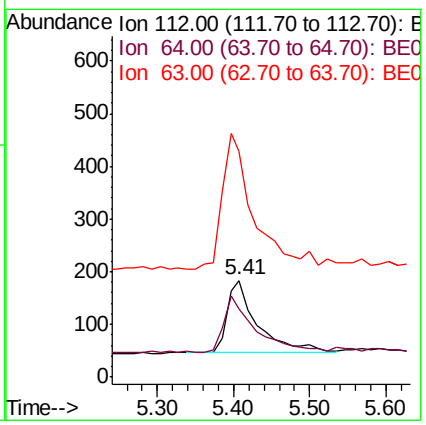


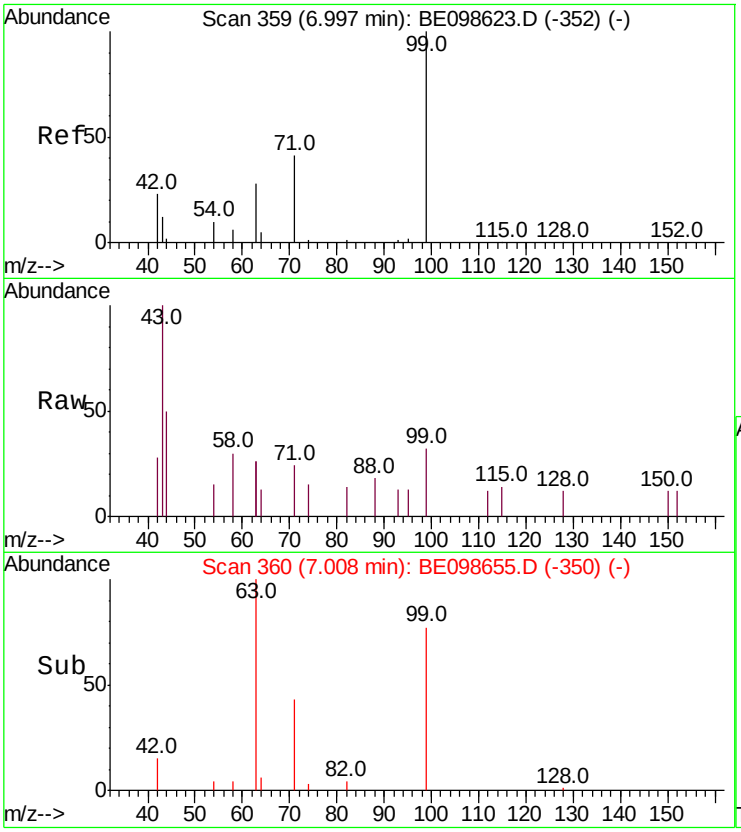


#4
2-Fluorophenol
Concen: 0.175 ng
RT: 5.41 min Scan# 221
Delta R.T. 0.01 min
Lab File: BE098655.D
Acq: 17 Jan 2019 20:14

Tgt Ion:112 Resp: 385

Ion	Ratio	Lower	Upper
112	100		
64	80.8	62.9	94.3
63	203.9	152.2	228.4



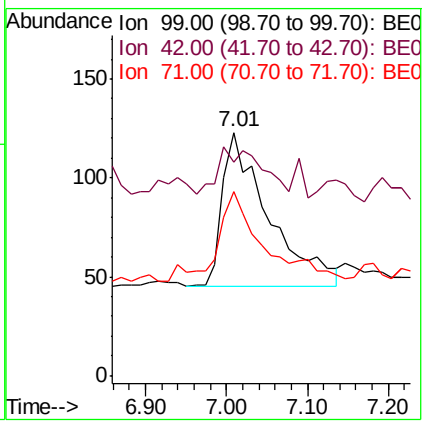


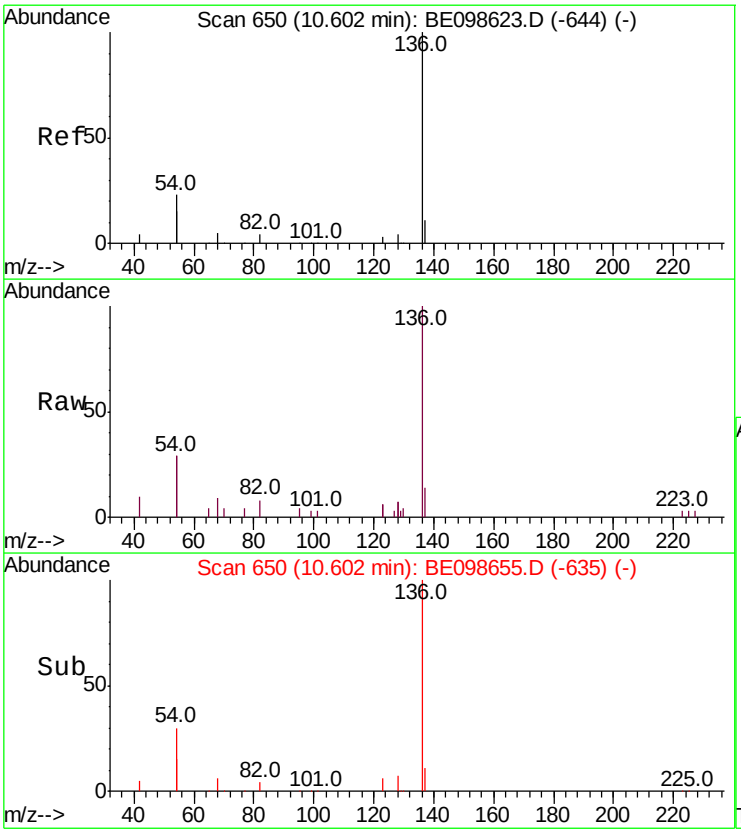
#5
Phenol-d6
Concen: 0.098 ng
RT: 7.01 min Scan# 360
Delta R.T. 0.01 min
Lab File: BE098655.D
Acq: 17 Jan 2019 20:14

Instrument :
BNA_E
ClientSampleId :
DUP

Tgt Ion: 99 Resp: 308

Ion	Ratio	Lower	Upper
99	100		
42	28.6	24.6	37.0
71	57.1	35.1	52.7#

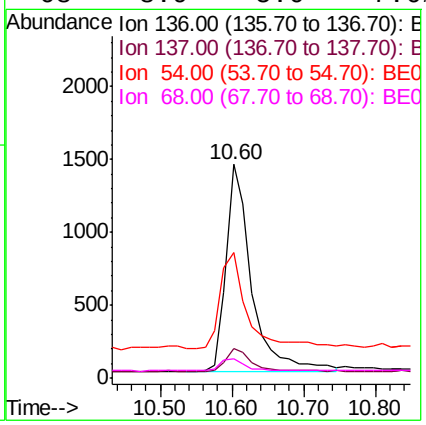


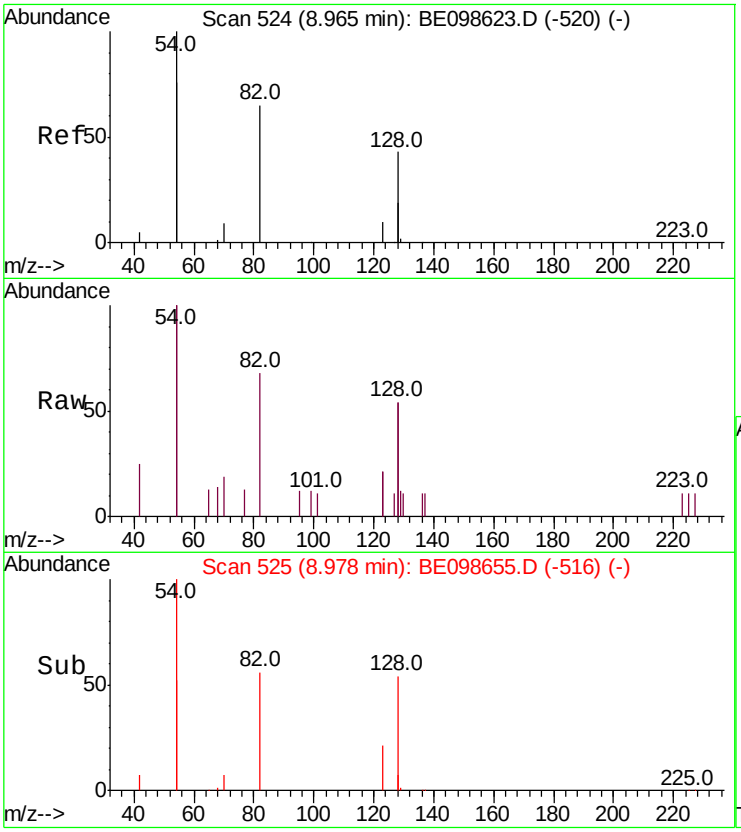


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 650
Delta R.T. -0.00 min
Lab File: BE098655.D
Acq: 17 Jan 2019 20:14

Tgt Ion:136 Resp: 3497

Ion	Ratio	Lower	Upper
136	100		
137	13.8	9.7	14.5
54	58.7	35.5	53.3#
68	8.9	5.0	7.6#



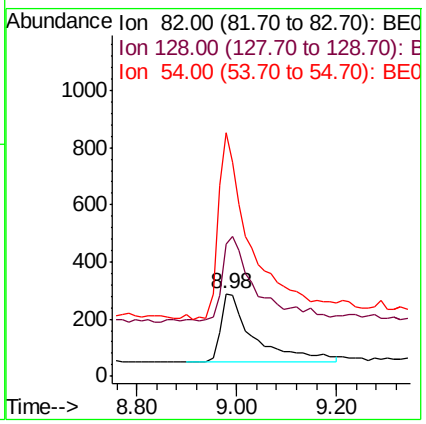


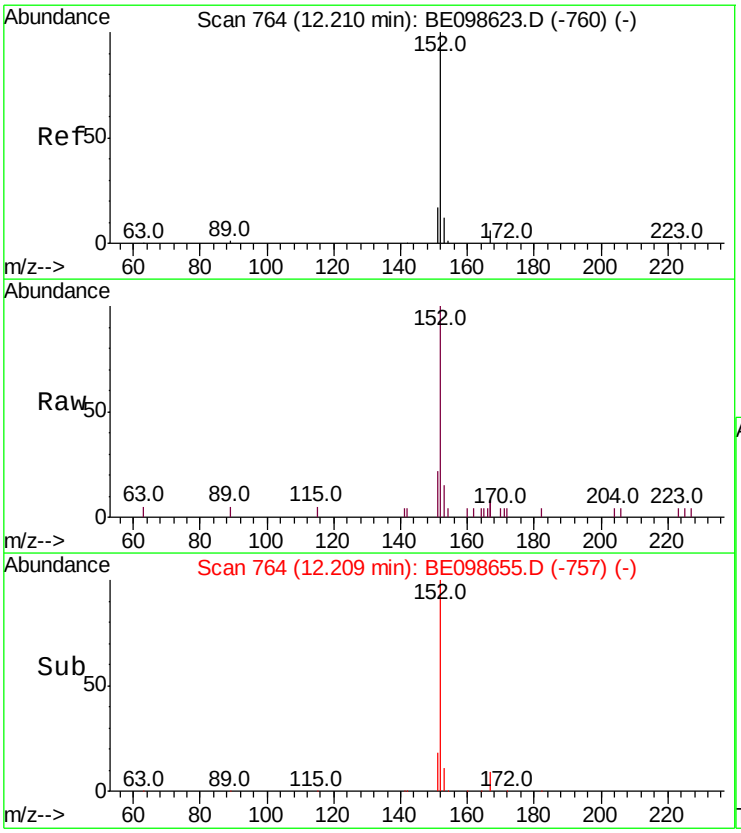
#8
Nitrobenzene-d5
Concen: 0.401 ng
RT: 8.98 min Scan# 525
Delta R.T. 0.01 min
Lab File: BE098655.D
Acq: 17 Jan 2019 20:14

Instrument :
BNA_E
ClientSampleId :
DUP

Tgt Ion: 82 Resp: 1113

Ion	Ratio	Lower	Upper
82	100		
128	159.3	96.5	144.7#
54	293.8	224.7	337.1

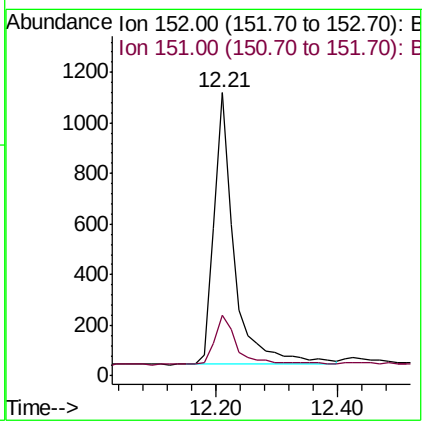


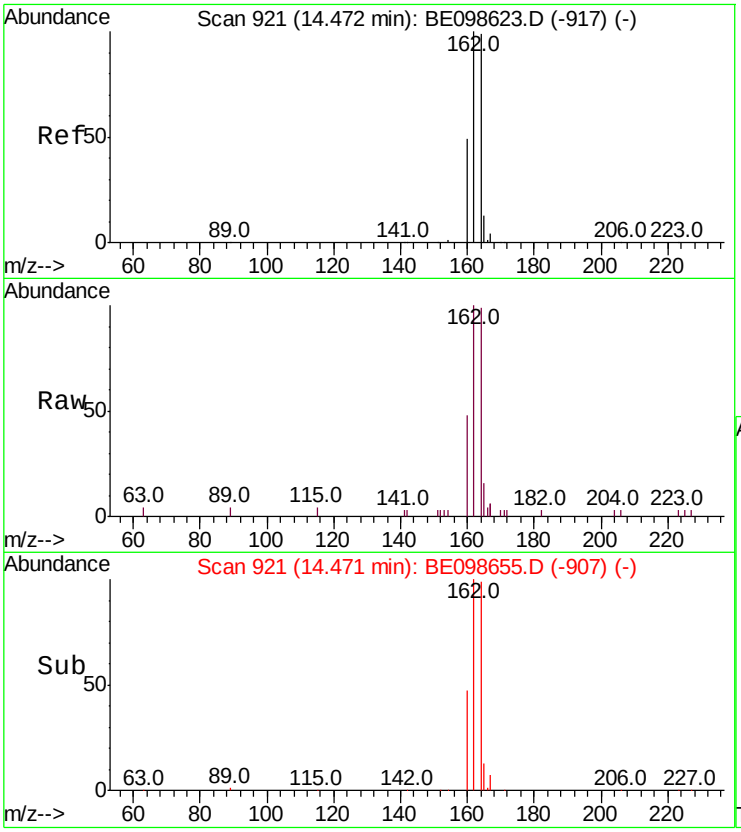


#11
2-Methylnaphthalene-d10
Concen: 0.428 ng
RT: 12.21 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE098655.D
Acq: 17 Jan 2019 20:14

Tgt Ion:152 Resp: 2465

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.2	24.4



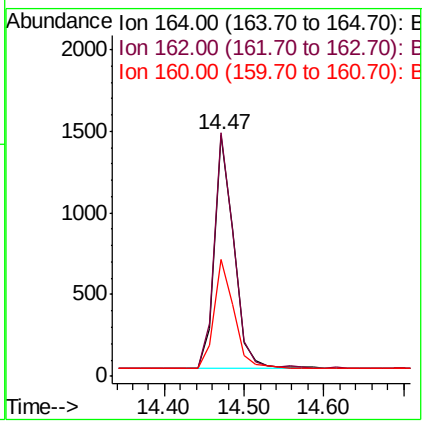


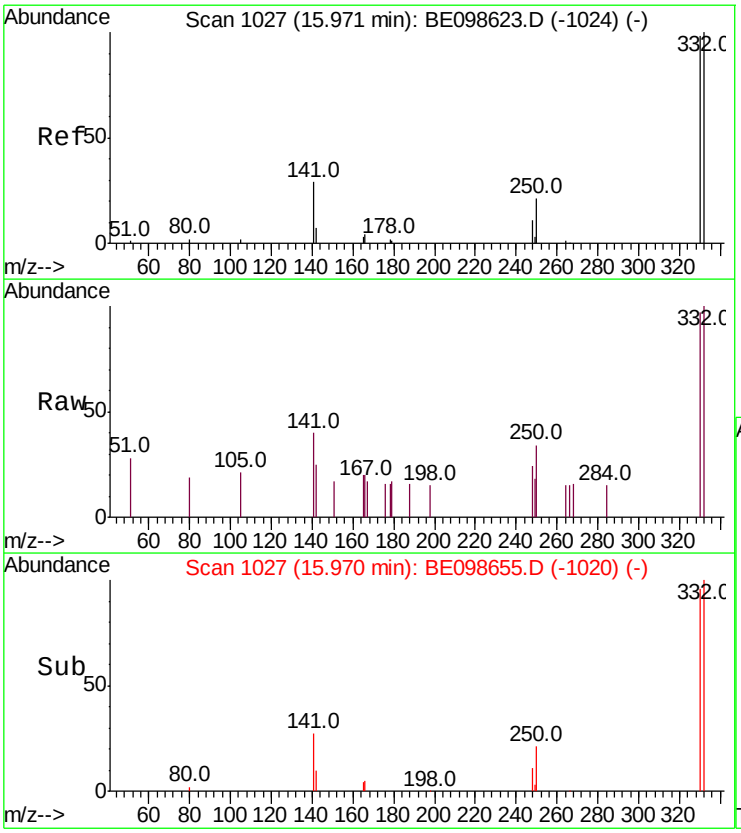
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE098655.D
Acq: 17 Jan 2019 20:14

Instrument :
BNA_E
ClientSampleId :
DUP

Tgt Ion:164 Resp: 2451

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.5	120.7
160	48.5	40.1	60.1

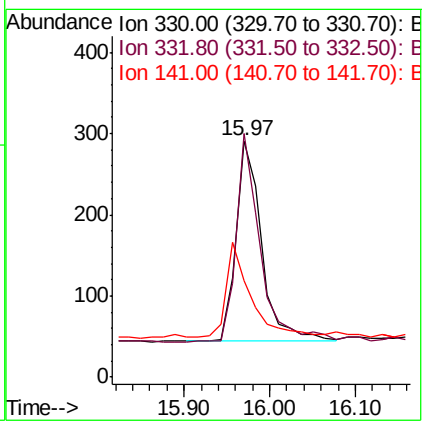


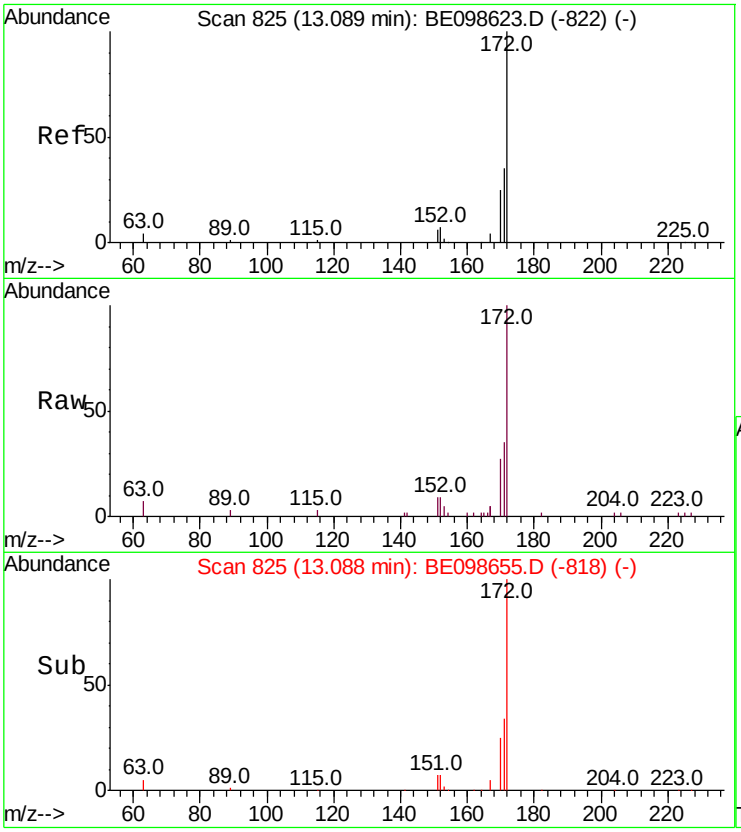


#14
2,4,6-Tribromophenol
Concen: 0.483 ng
RT: 15.97 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE098655.D
Acq: 17 Jan 2019 20:14

Tgt Ion:330 Resp: 515

Ion	Ratio	Lower	Upper
330	100		
332	100.4	73.3	109.9
141	45.6	33.1	49.7



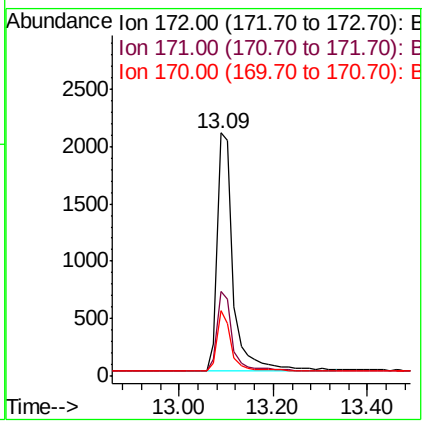


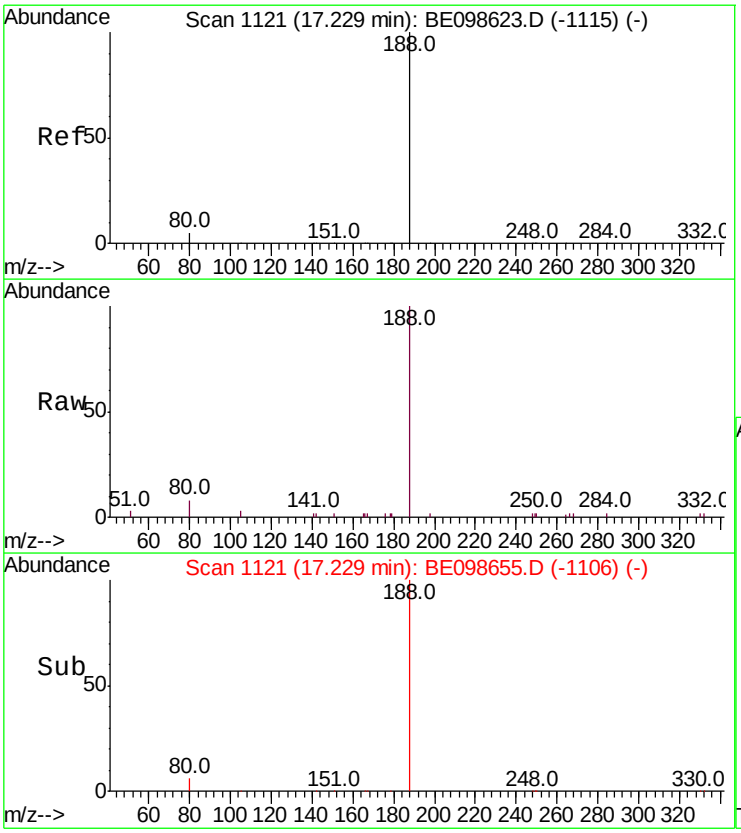
#15
2-Fluorobiphenyl
Concen: 0.492 ng
RT: 13.09 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE098655.D
Acq: 17 Jan 2019 20:14

Instrument :
BNA_E
ClientSampleId :
DUP

Tgt Ion:172 Resp: 4939

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.0	43.4
170	27.0	20.8	31.2

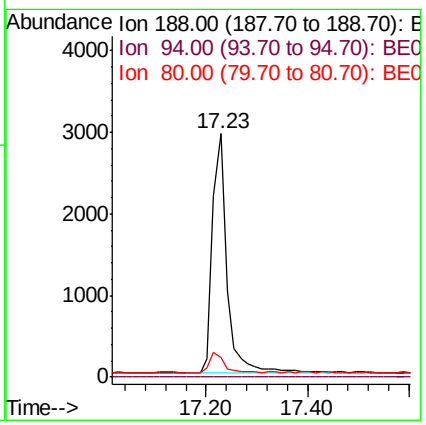


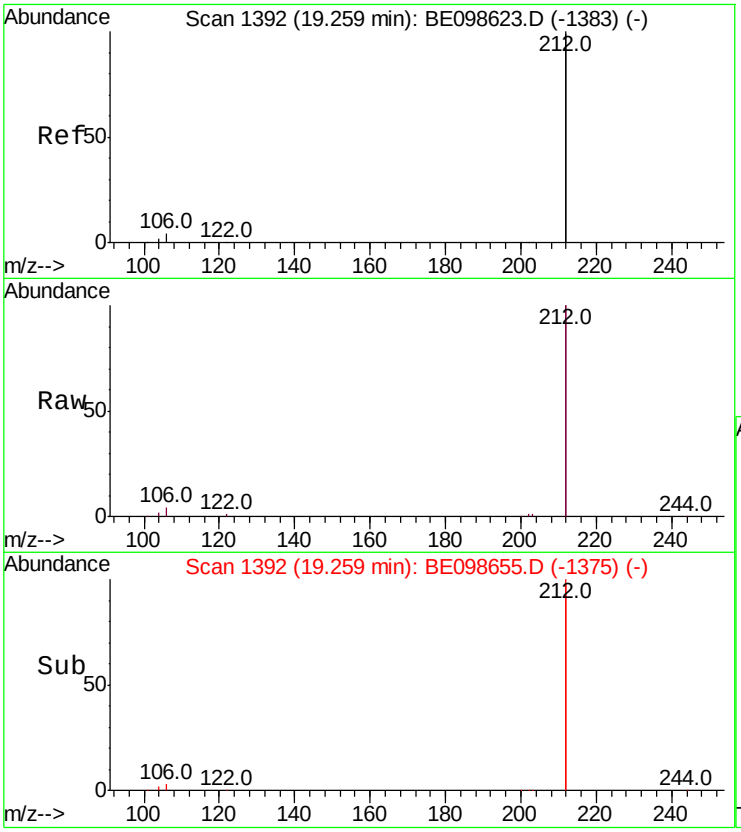


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BE098655.D
Acq: 17 Jan 2019 20:14

Tgt Ion:188 Resp: 5893

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.8	4.7	7.1#



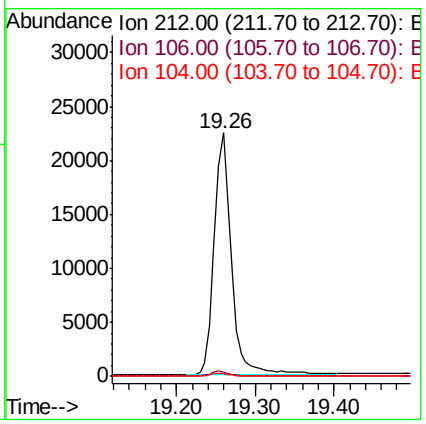


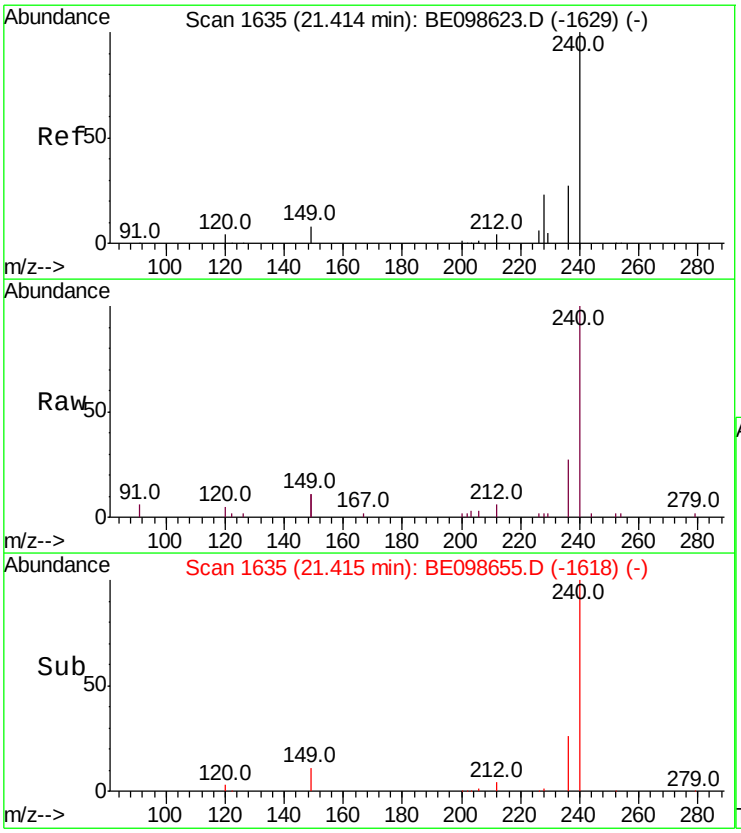
#25
Fluoranthene-d10
Concen: 0.458 ng
RT: 19.26 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BE098655.D
Acq: 17 Jan 2019 20:14

Instrument :
BNA_E
ClientSampleId :
DUP

Tgt Ion:212 Resp: 33397

Ion	Ratio	Lower	Upper
212	100		
106	2.0	1.7	2.5
104	1.1	1.0	1.6

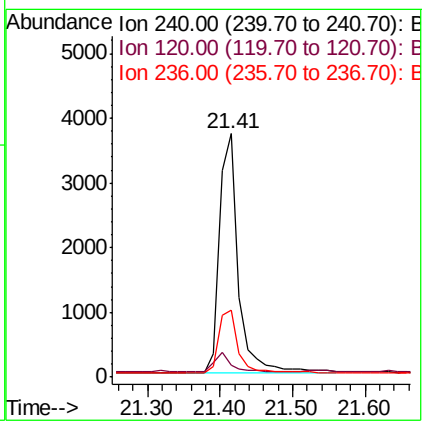


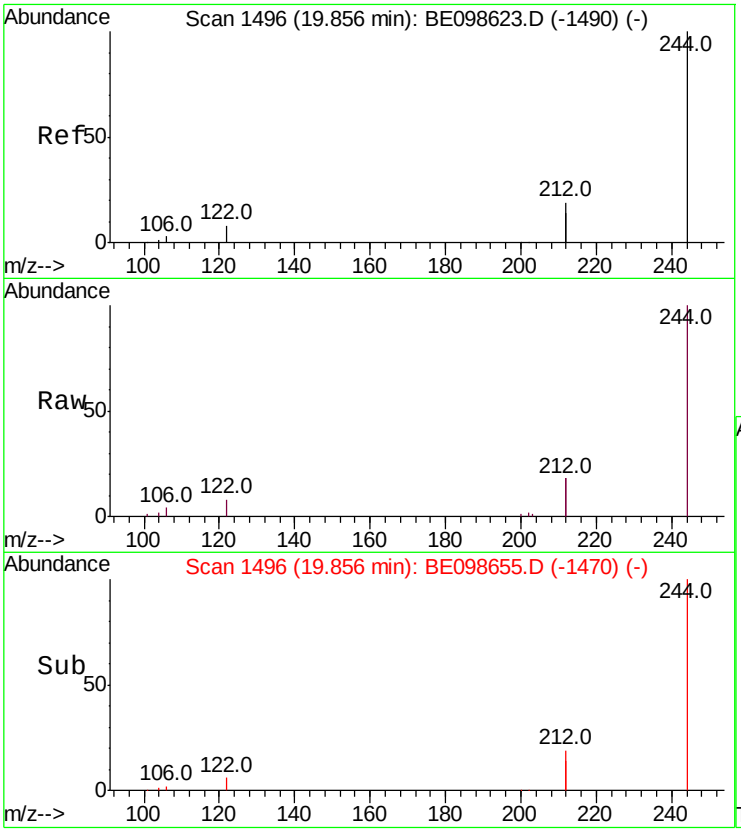


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1635
Delta R.T. 0.00 min
Lab File: BE098655.D
Acq: 17 Jan 2019 20:14

Tgt Ion:240 Resp: 6898

Ion	Ratio	Lower	Upper
240	100		
120	5.1	4.7	7.1
236	27.4	21.9	32.9



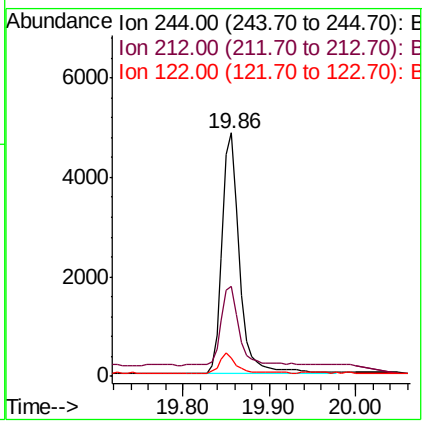


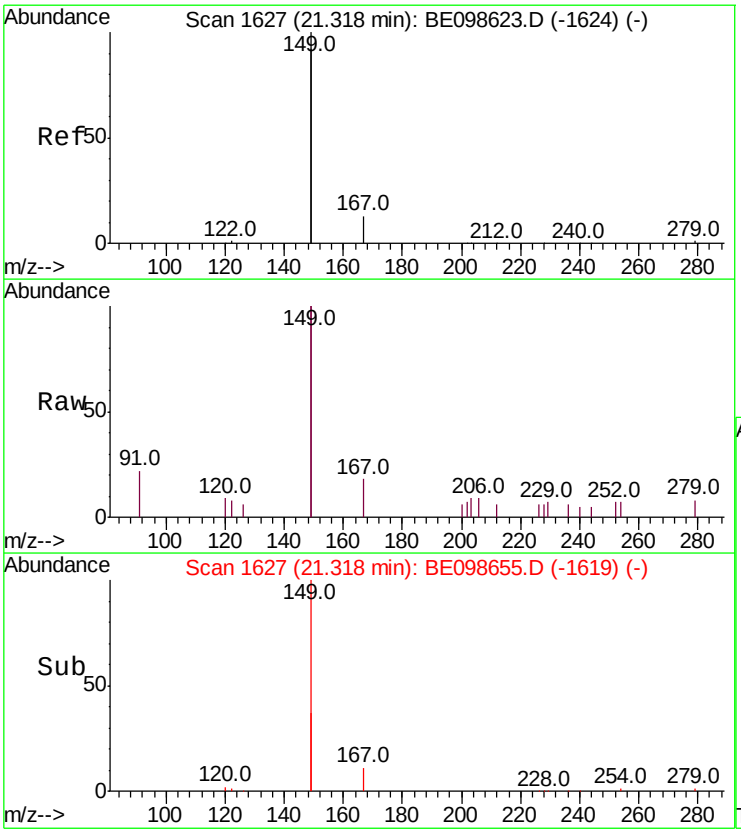
#29
Terphenyl-d14
Concen: 0.451 ng
RT: 19.86 min Scan# 1496
Delta R.T. 0.00 min
Lab File: BE098655.D
Acq: 17 Jan 2019 20:14

Instrument :
BNA_E
ClientSampleId :
DUP

Tgt Ion:244 Resp: 6881

Ion	Ratio	Lower	Upper
244	100		
212	36.9	29.4	44.2
122	7.7	7.1	10.7

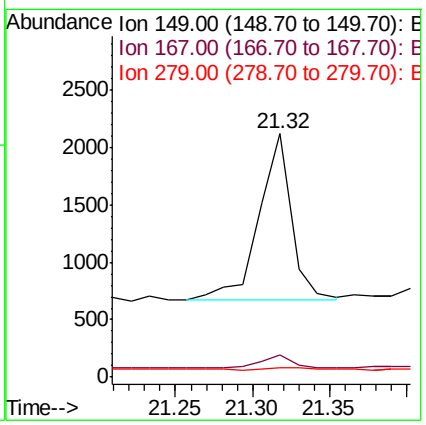


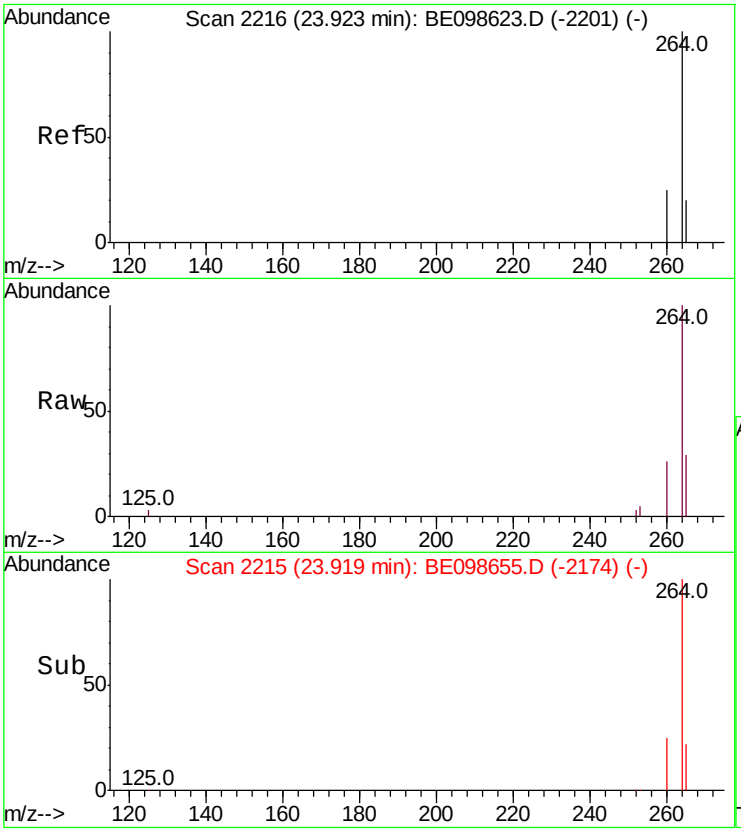


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.055 ng
RT: 21.32 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BE098655.D
Acq: 17 Jan 2019 20:14

Tgt Ion:149 Resp: 2160

Ion	Ratio	Lower	Upper
149	100		
167	7.9	5.4	8.2
279	2.0	1.0	1.4#





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.92 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BE098655.D
Acq: 17 Jan 2019 20:14

Instrument :
BNA_E
ClientSampleId :
DUP

Tgt Ion:264 Resp: 6711

Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.5	30.7
265	29.0	22.3	33.5