Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE030619\
Data File : BE098799.D
Acq On : 6 Mar 2019 15:42
Operator : JU/SJ
Sample : K1701-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : M1-T4A-OZ(POST)

Quant Time: Mar 07 01:58:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 06 15:33:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	748	0.40	ng	0.01
7) Naphthalene-d8	10.61	136	3002	0.40	ng	0.02
13) Acenaphthene-d10	14.47	164	2163	0.40	ng	0.02
19) Phenanthrene-d10	17.23	188	5798	0.40	ng	0.01
27) Chrysene-d12	21.40	240	7557	0.40	ng	0.00
34) Perylene-d12	23.91	264	7411	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	384	0.17	ng	0.01
5) Phenol-d6	7.03	99	240	0.08	ng	0.05
8) Nitrobenzene-d5	9.00	82	989	0.31	ng	0.04
11) 2-Methylnaphthalene-d10	12.21	152	2126	0.38	ng	0.02
14) 2,4,6-Tribromophenol	15.98	330	399	0.37	ng	0.01
15) 2-Fluorobiphenyl	13.10	172	4190	0.47	ng	0.02
25) Fluoranthene-d10	19.25	212	31652	0.34	ng	0.00
29) Terphenyl-d14	19.85	244	8147	0.44	ng	0.00
Target Compounds						Qvalue
32) Bis(2-ethylhexyl)phthalate	21.31	149	5039	0.100	ng	100

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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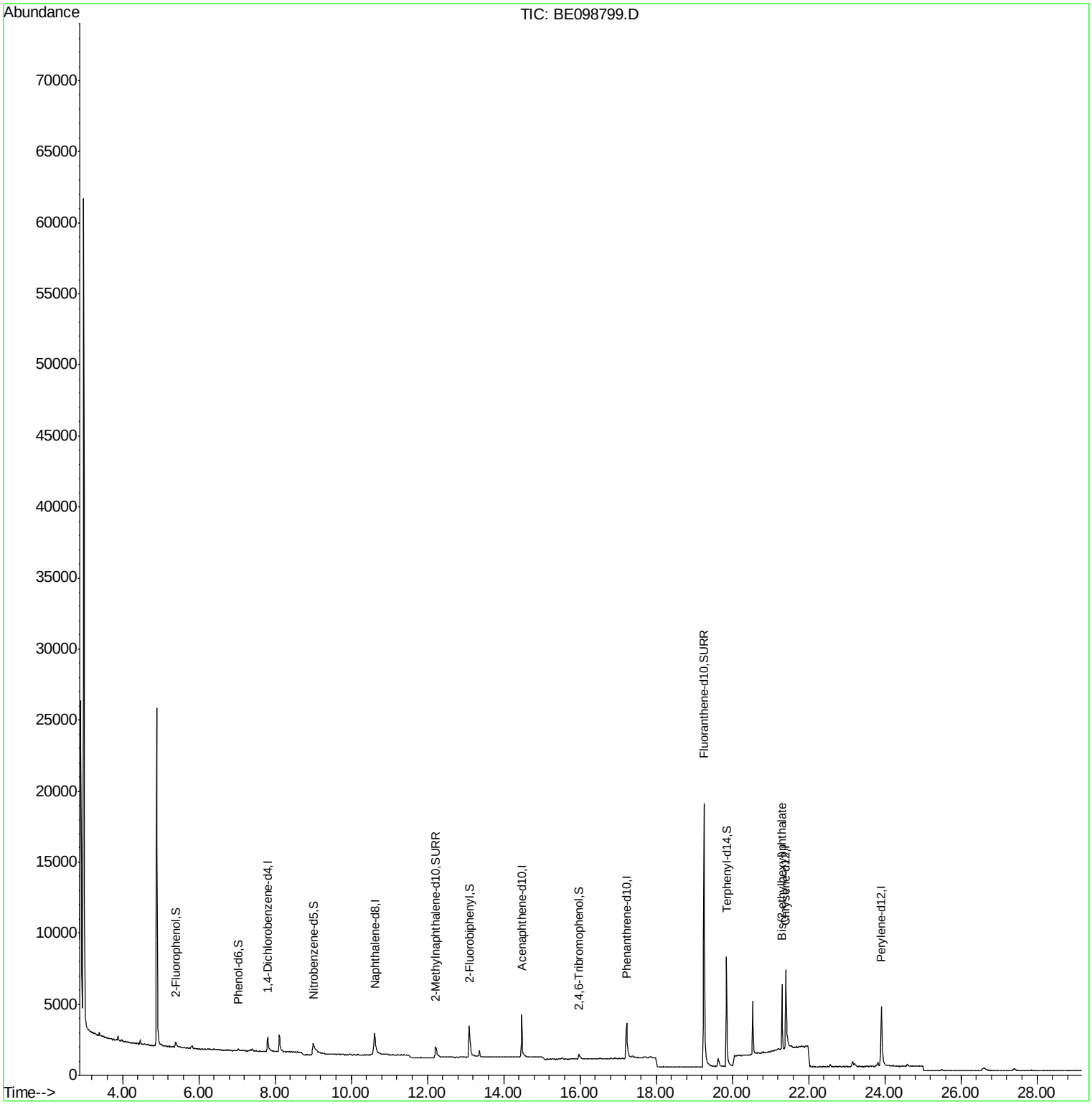
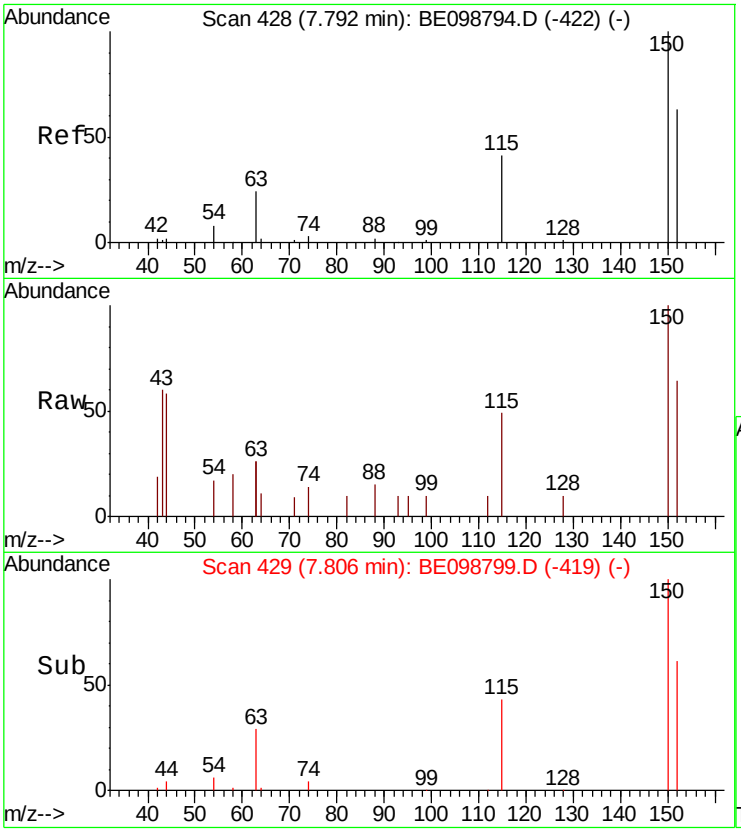


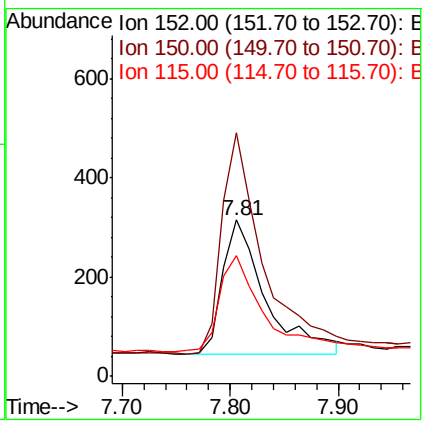


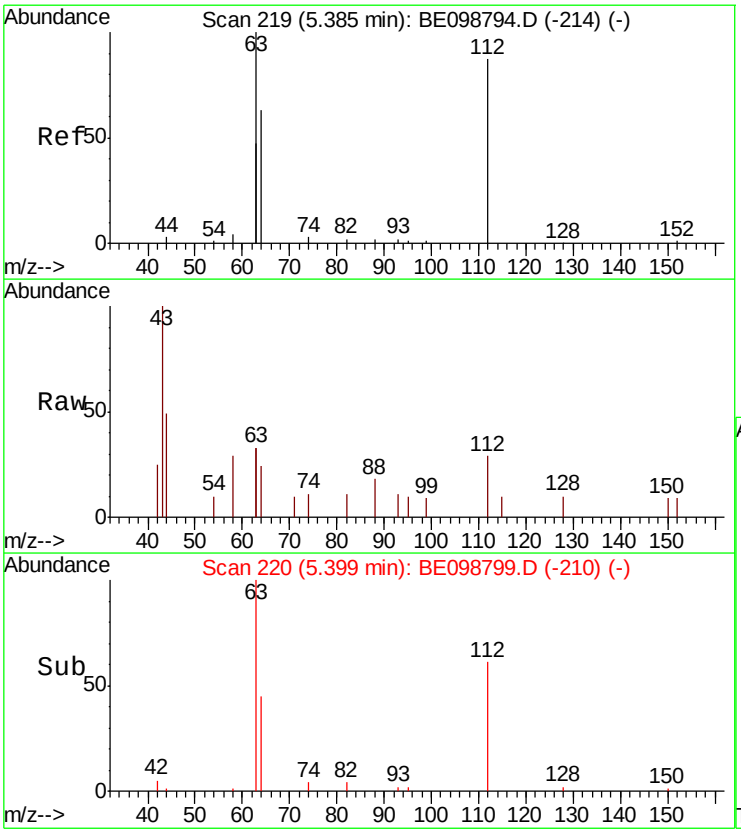
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. 0.01 min
Lab File: BE098799.D
Acq: 6 Mar 2019 15:42

Instrument :
BNA_E
ClientSampleId :
M1-T4A-OZ(POST)

Tgt Ion:152 Resp: 748

Ion	Ratio	Lower	Upper
152	100		
150	155.9	122.5	183.7
115	76.8	57.4	86.2

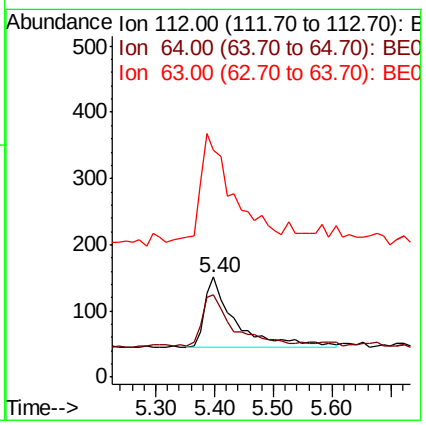


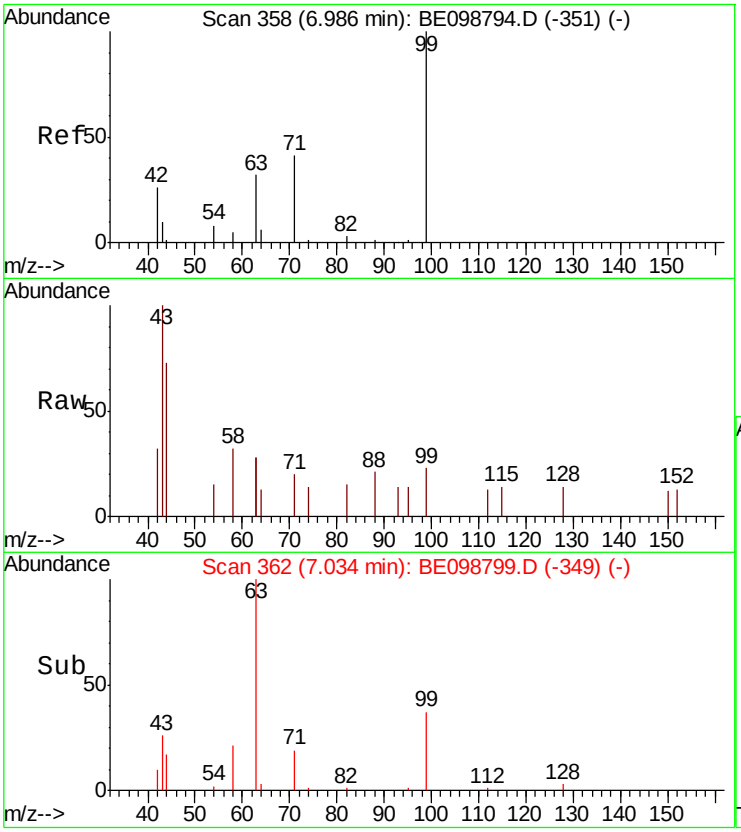


#4
2-Fluorophenol
Concen: 0.172 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.01 min
Lab File: BE098799.D
Acq: 6 Mar 2019 15:42

Tgt Ion:112 Resp: 384

Ion	Ratio	Lower	Upper
112	100		
64	70.8	57.9	86.9
63	164.6	158.3	237.5



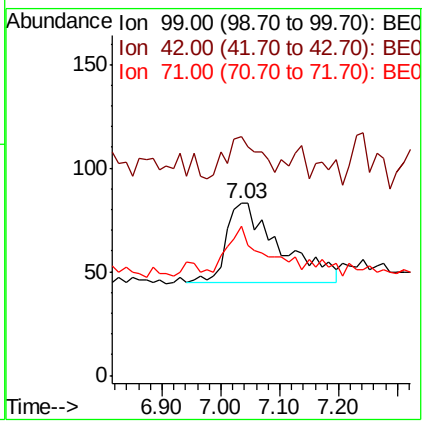


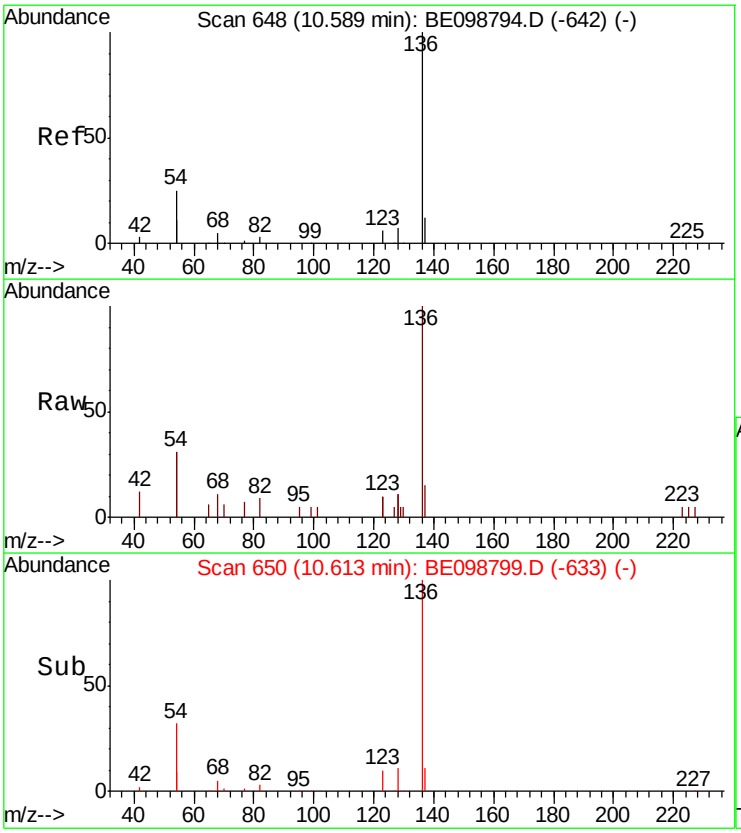
#5
Phenol-d6
Concen: 0.076 ng
RT: 7.03 min Scan# 362
Delta R.T. 0.05 min
Lab File: BE098799.D
Acq: 6 Mar 2019 15:42

Instrument :
BNA_E
ClientSampleId :
M1-T4A-OZ(POST)

Tgt Ion: 99 Resp: 240

Ion	Ratio	Lower	Upper
99	100		
42	32.9	24.2	36.2
71	38.3	35.7	53.5

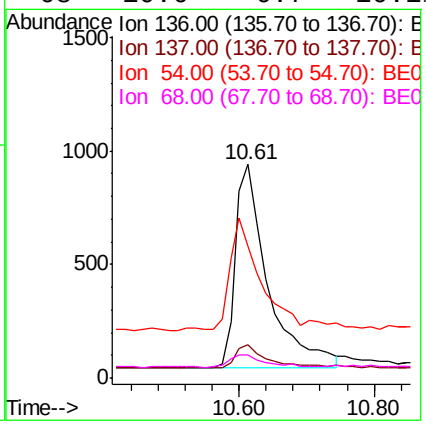


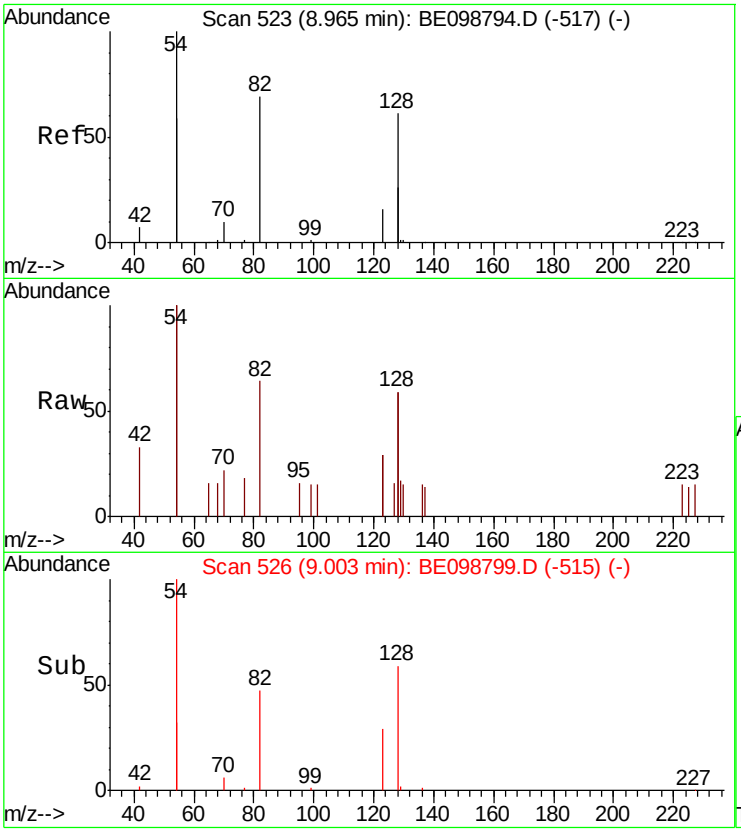


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. 0.02 min
Lab File: BE098799.D
Acq: 6 Mar 2019 15:42

Tgt Ion:136 Resp: 3002

Ion	Ratio	Lower	Upper
136	100		
137	15.4	11.4	17.0
54	61.8	39.3	58.9#
68	10.6	6.7	10.1#



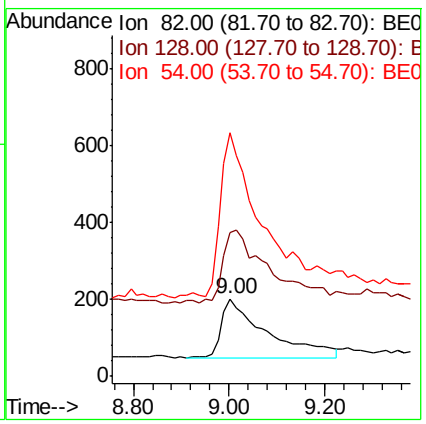


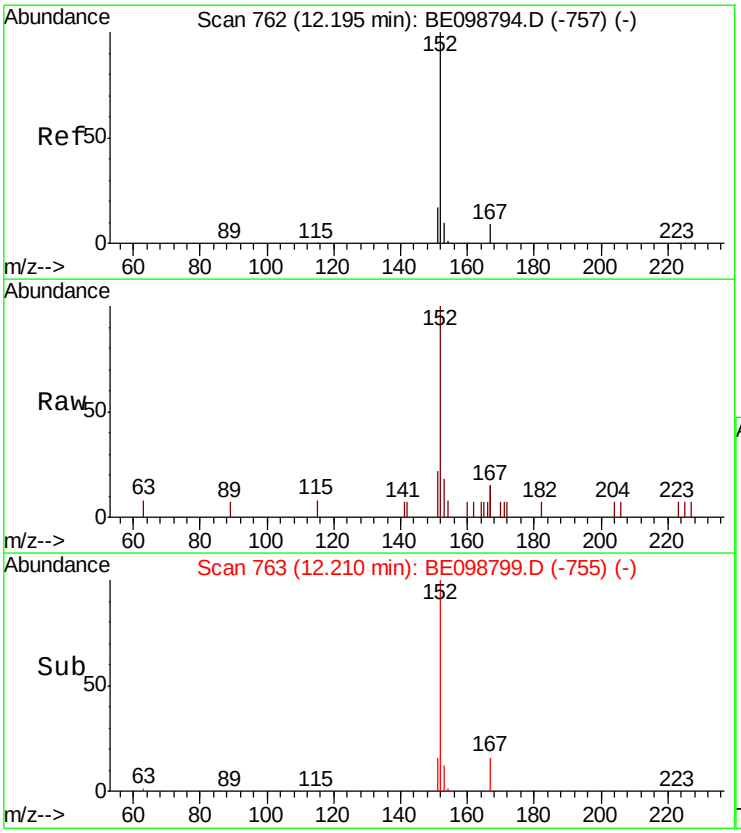
#8
Nitrobenzene-d5
Concen: 0.314 ng
RT: 9.00 min Scan# 526
Delta R.T. 0.04 min
Lab File: BE098799.D
Acq: 6 Mar 2019 15:42

Instrument :
BNA_E
ClientSampleId :
M1-T4A-OZ(POST)

Tgt Ion: 82 Resp: 989

Ion	Ratio	Lower	Upper
82	100		
128	186.1	123.8	185.8#
54	314.4	203.4	305.2#

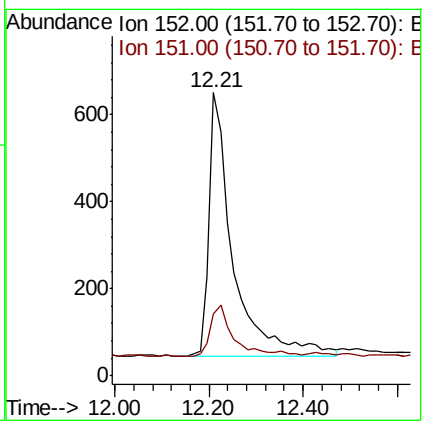


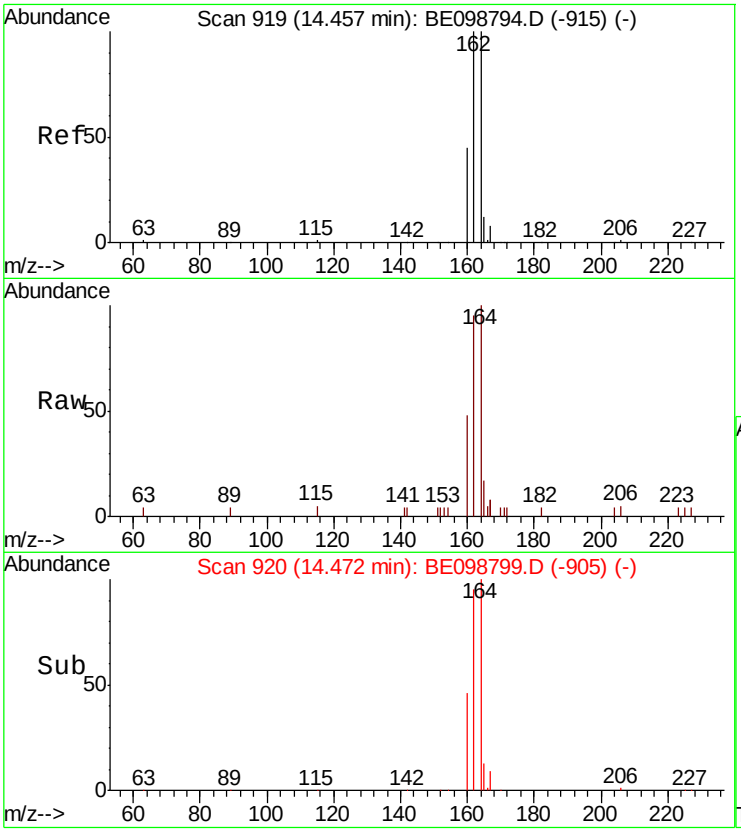


#11
2-Methylnaphthalene-d10
Concen: 0.383 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.02 min
Lab File: BE098799.D
Acq: 6 Mar 2019 15:42

Tgt Ion:152 Resp: 2126

Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.5	24.7



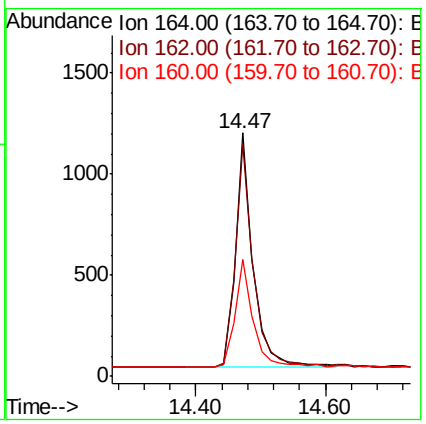


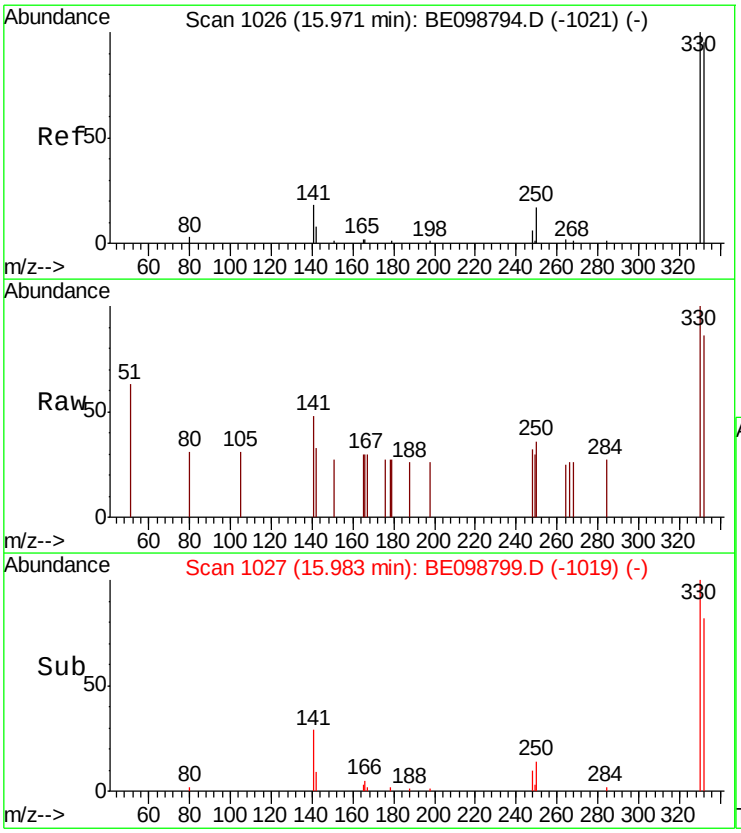
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.02 min
Lab File: BE098799.D
Acq: 6 Mar 2019 15:42

Instrument :
BNA_E
ClientSampleId :
M1-T4A-OZ(POST)

Tgt Ion:164 Resp: 2163

Ion	Ratio	Lower	Upper
164	100		
162	95.3	80.2	120.2
160	48.0	37.8	56.8

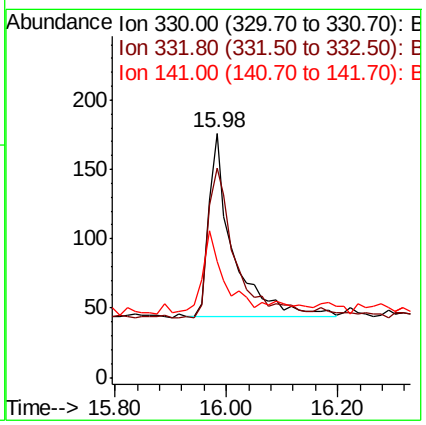


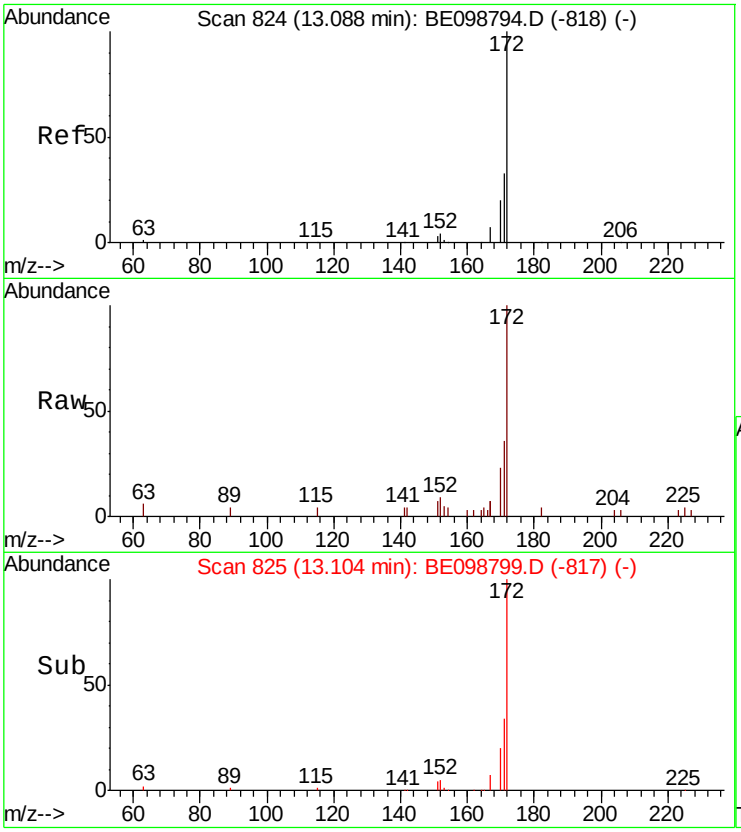


#14
2,4,6-Tribromophenol
Concen: 0.365 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BE098799.D
Acq: 6 Mar 2019 15:42

Tgt Ion:330 Resp: 399

Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.6	116.4
141	37.3	31.0	46.4



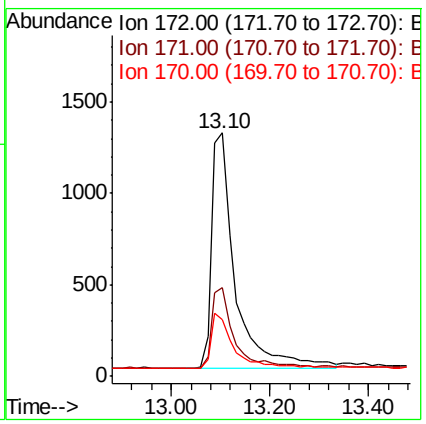


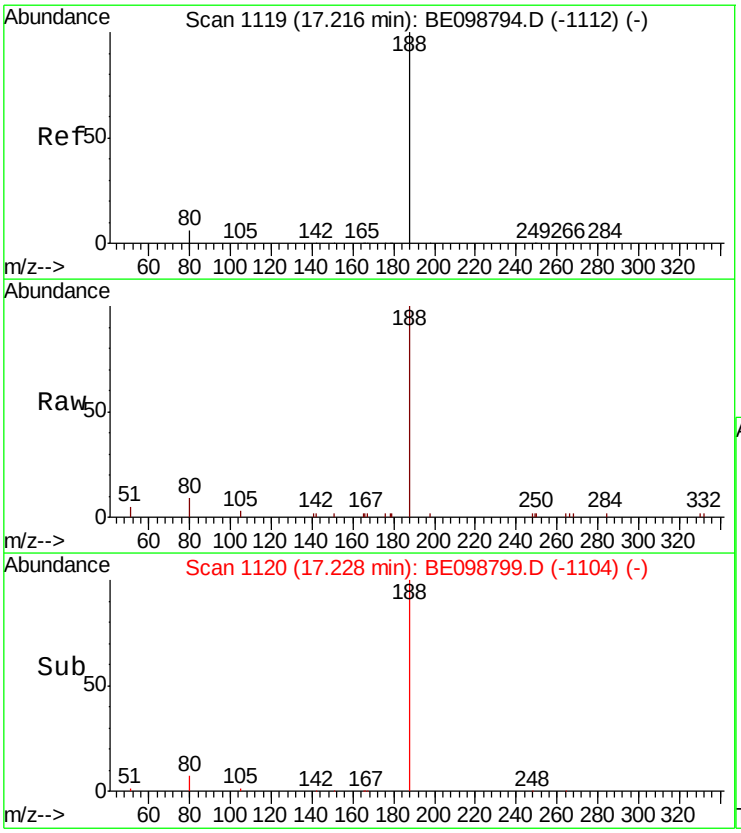
#15
2-Fluorobiphenyl
Concen: 0.468 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.02 min
Lab File: BE098799.D
Acq: 6 Mar 2019 15:42

Instrument :
BNA_E
ClientSampleId :
M1-T4A-OZ(POST)

Tgt Ion:172 Resp: 4190

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.0	42.0
170	23.1	17.7	26.5

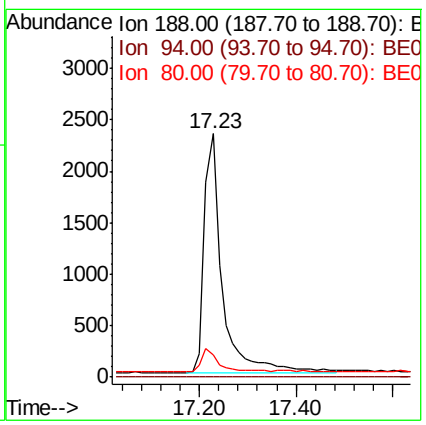


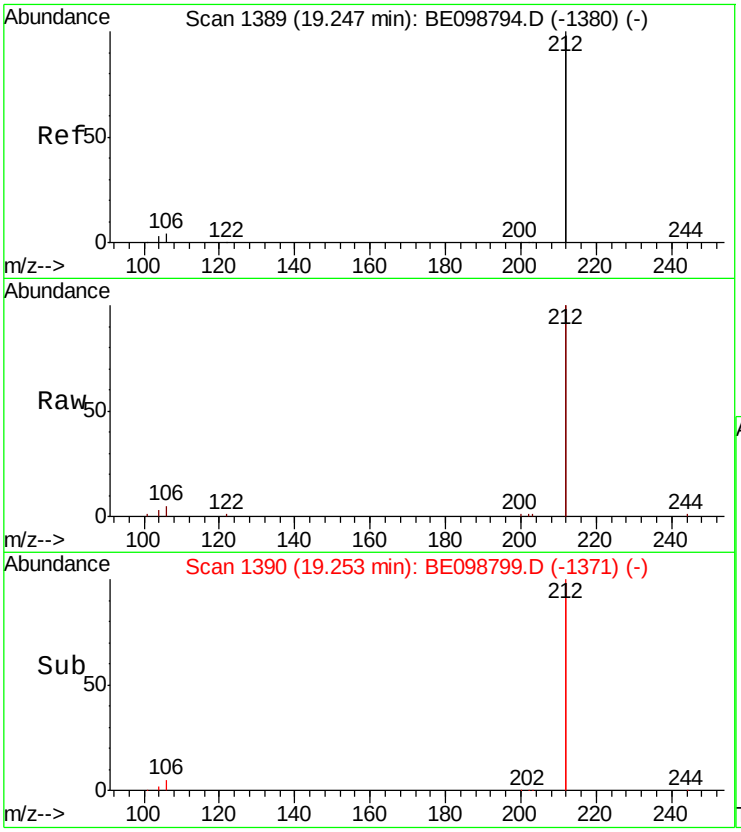


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.01 min
Lab File: BE098799.D
Acq: 6 Mar 2019 15:42

Tgt Ion:188 Resp: 5798

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.2	6.3	9.5



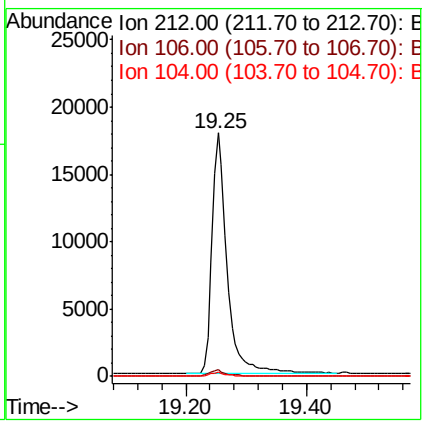


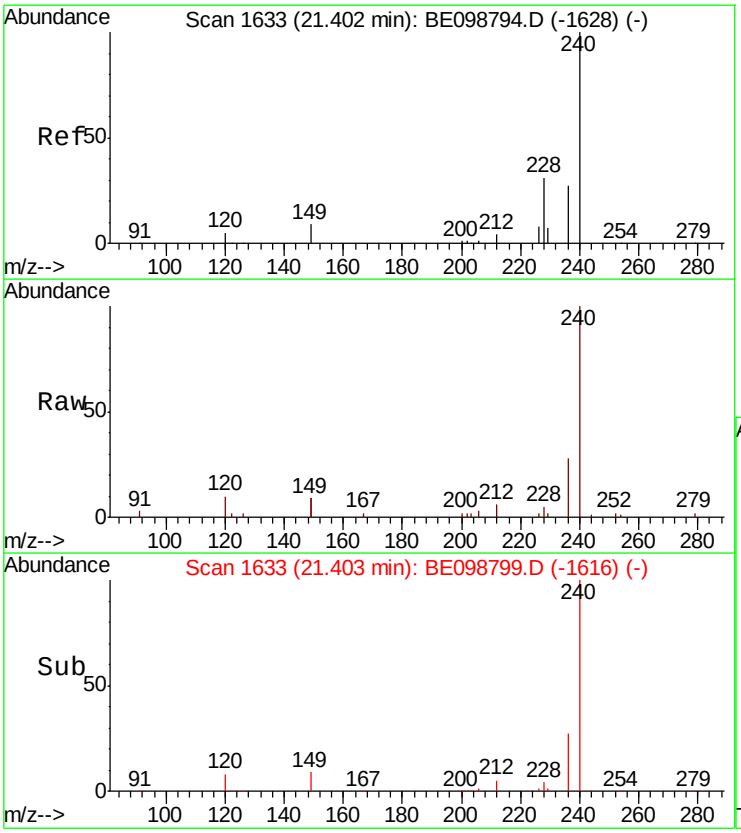
#25
Fluoranthene-d10
Concen: 0.342 ng
RT: 19.25 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BE098799.D
Acq: 6 Mar 2019 15:42

Instrument :
BNA_E
ClientSampleId :
M1-T4A-OZ(POST)

Tgt Ion:212 Resp: 31652

Ion	Ratio	Lower	Upper
212	100		
106	2.3	1.8	2.8
104	1.3	1.0	1.6

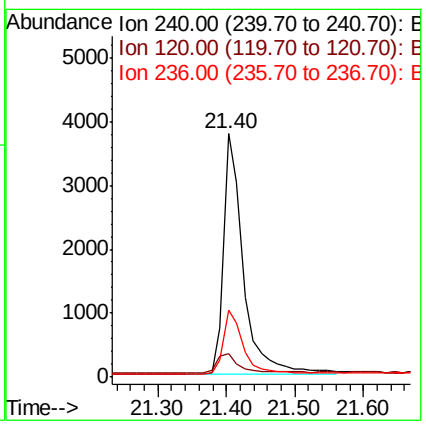


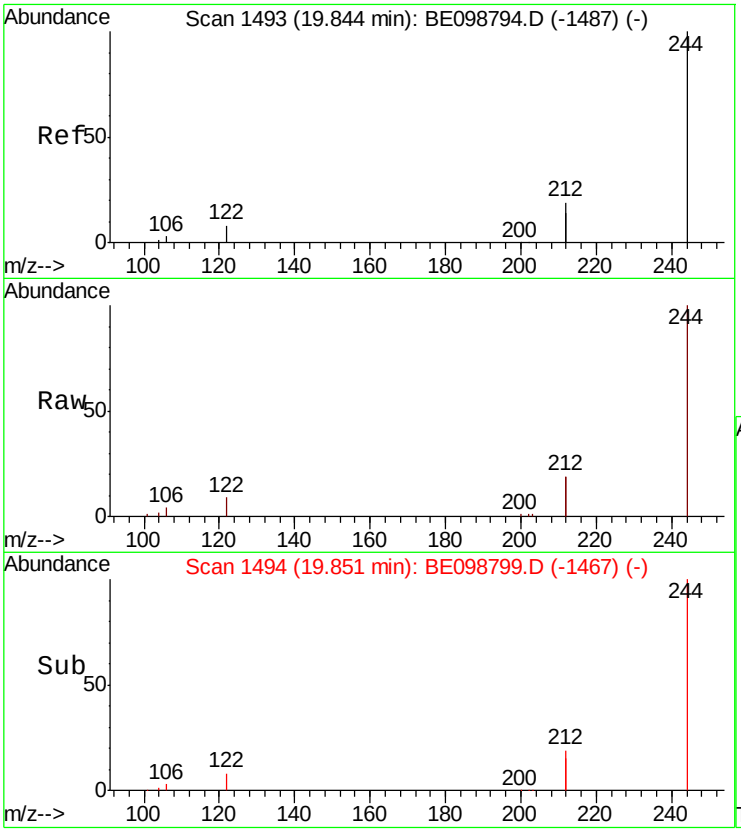


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE098799.D
Acq: 6 Mar 2019 15:42

Tgt Ion:240 Resp: 7557

Ion	Ratio	Lower	Upper
240	100		
120	9.7	5.0	7.4#
236	27.7	22.7	34.1



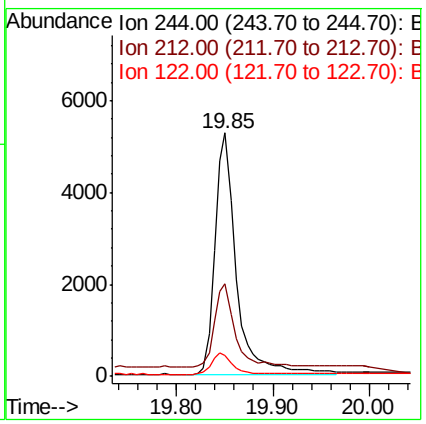


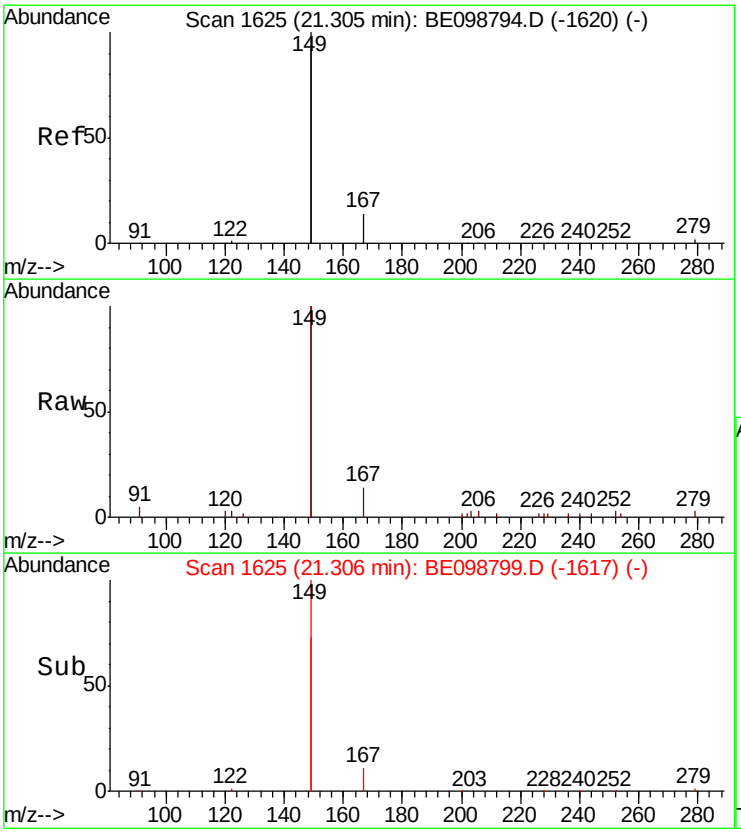
#29
Terphenyl-d14
Concen: 0.444 ng
RT: 19.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BE098799.D
Acq: 6 Mar 2019 15:42

Instrument :
BNA_E
ClientSampleId :
M1-T4A-OZ(POST)

Tgt Ion:244 Resp: 8147

Ion	Ratio	Lower	Upper
244	100		
212	38.2	29.4	44.2
122	8.8	7.1	10.7

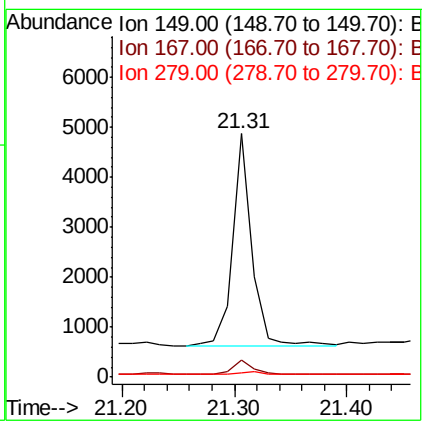


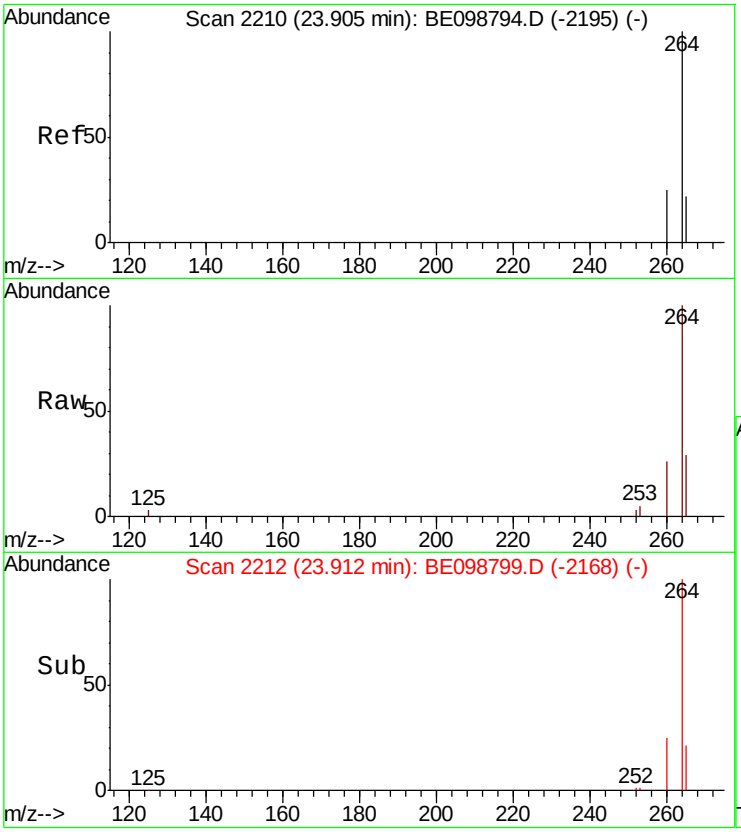


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.100 ng
RT: 21.31 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE098799.D
Acq: 6 Mar 2019 15:42

Tgt Ion:149 Resp: 5039

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	1.3	1.0	1.4





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BE098799.D
Acq: 6 Mar 2019 15:42

Instrument :
BNA_E
ClientSampleId :
M1-T4A-OZ(POST)

Tgt Ion:264 Resp: 7411

Ion	Ratio	Lower	Upper
264	100		
260	26.4	21.2	31.8
265	29.1	24.6	36.8