Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062019\
Data File : BE100102.D
Acq On : 20 Jun 2019 10:48
Operator : JU/SJ
Sample : PB120562BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB120562BL

Quant Time: Jun 21 01:43:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 15:07:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	475	0.40	ng	0.01
7) Naphthalene-d8	10.57	136	1667	0.40	ng	0.04
13) Acenaphthene-d10	14.43	164	1399	0.40	ng	0.01
19) Phenanthrene-d10	17.19	188	3876	0.40	ng	0.03
27) Chrysene-d12	21.35	240	5520	0.40	ng	0.01
34) Perylene-d12	23.84	264	7857	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	323	0.33	ng	0.01
5) Phenol-d6	7.06	99	316	0.23	ng	0.13
8) Nitrobenzene-d5	9.03	82	306	0.19	ng	0.12
11) 2-Methylnaphthalene-d10	12.21	152	912	0.29	ng	0.06
14) 2,4,6-Tribromophenol	15.98	330	98	0.13	ng	0.07
15) 2-Fluorobiphenyl	13.07	172	1718	0.31	ng	0.03
25) Fluoranthene-d10	19.21	212	14924	0.27	ng	0.02
29) Terphenyl-d14	19.80	244	3761	0.34	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	40	0.052	ng	# 27
3) n-Nitrosodimethylamine	3.60	42	23	0.387	ng	# 100
6) bis(2-Chloroethyl)ether	7.22	93	9	0.040	ng	# 1
22) Pentachlorophenol	16.84	266	4	0.247	ng	87

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062019\
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Acq On : 20 Jun 2019 10:48
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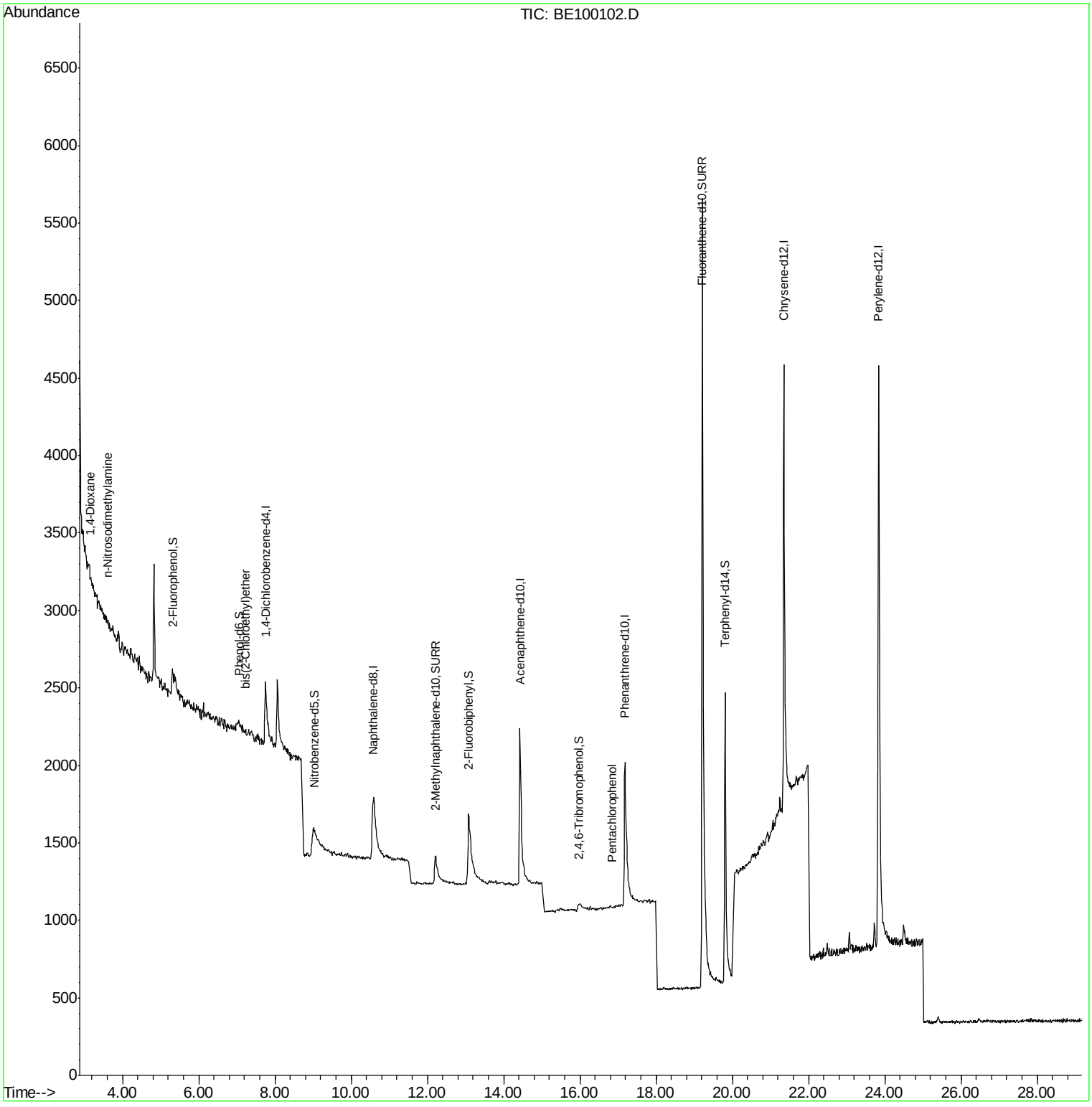
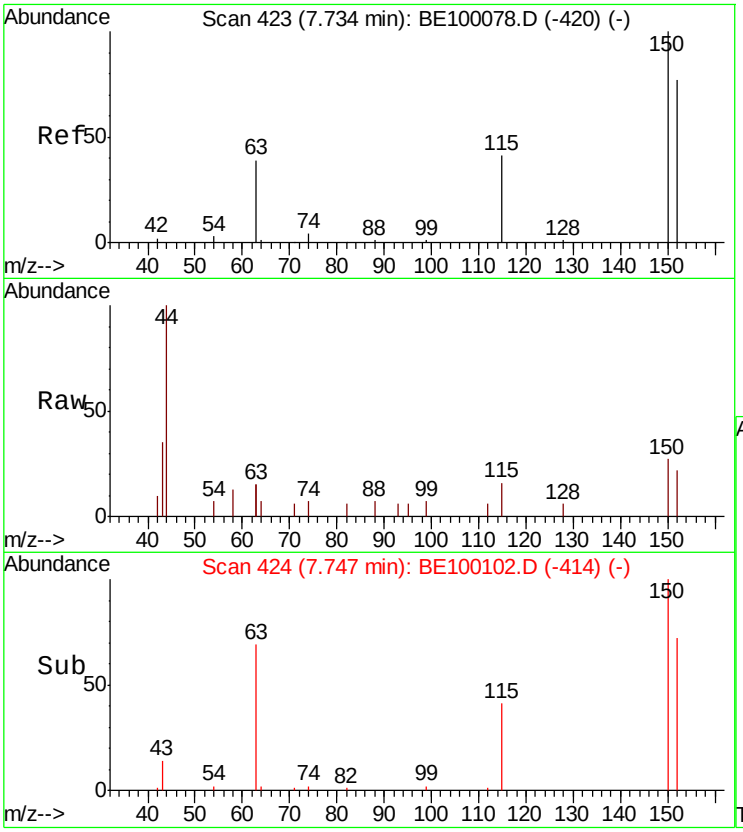
Quant Time: Jun 21 01:43:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 15:07:24 2019
Response via : Initial Calibration



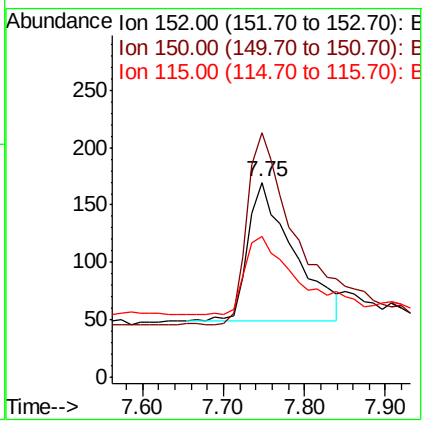


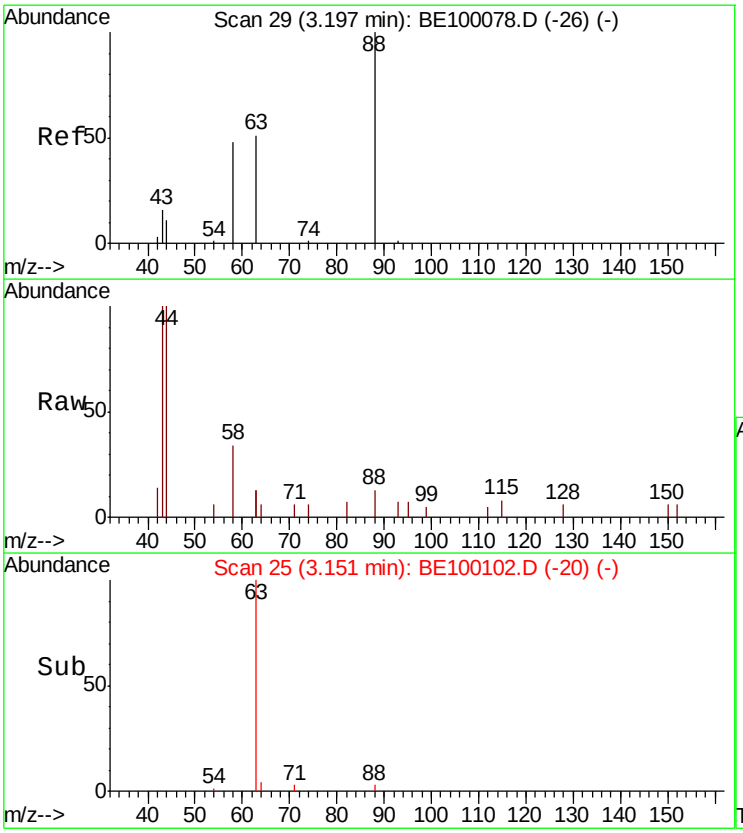
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 424
Delta R.T. 0.01 min
Lab File: BE100102.D
Acq: 20 Jun 2019 10:48

Instrument :
BNA_E
ClientSampleId :
PB120562BL

Tgt Ion:152 Resp: 475

Ion	Ratio	Lower	Upper
152	100		
150	125.3	99.8	149.8
115	72.4	51.3	76.9

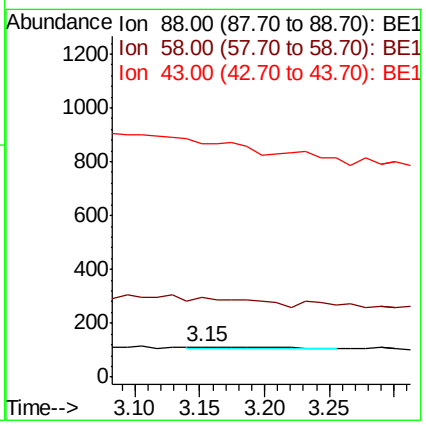


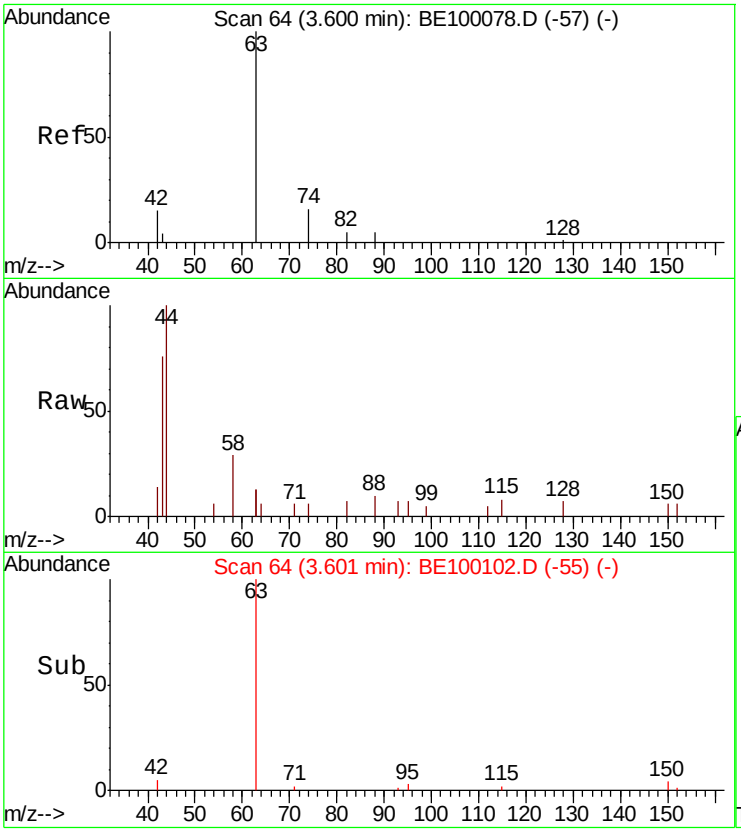


#2
1,4-Dioxane
Concen: 0.052 ng
RT: 3.15 min Scan# 25
Delta R.T. -0.05 min
Lab File: BE100102.D
Acq: 20 Jun 2019 10:48

Tgt Ion: 88 Resp: 40

Ion	Ratio	Lower	Upper
88	100		
58	0.0	51.1	76.7#
43	0.0	21.7	32.5#



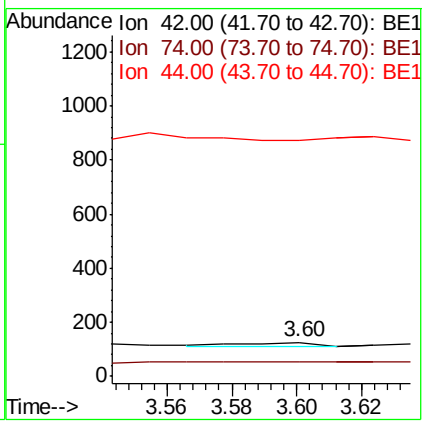


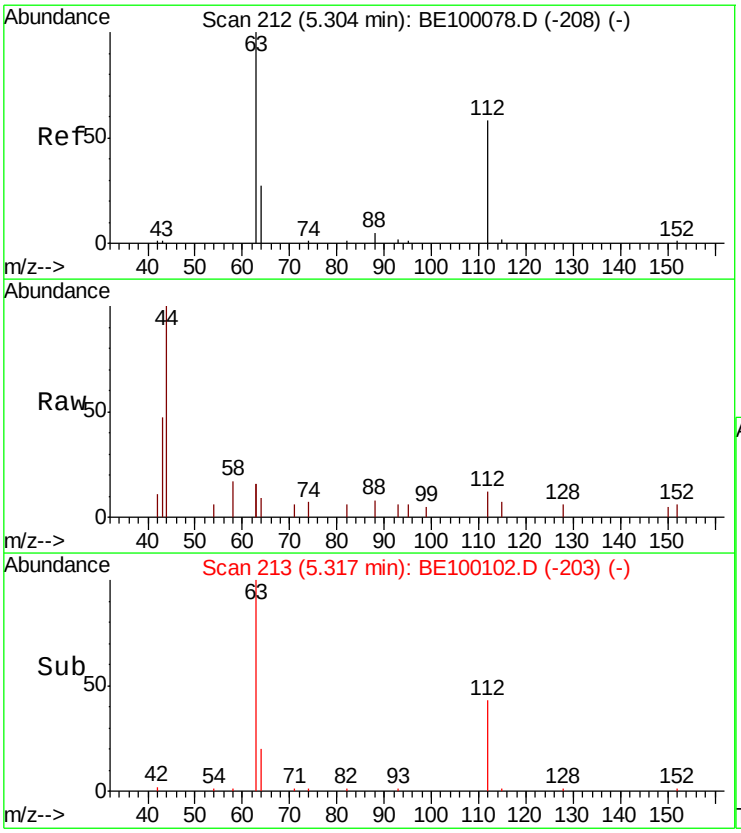
#3
n-Nitrosodimethylamine
Concen: 0.387 ng
RT: 3.60 min Scan# 64
Delta R.T. 0.00 min
Lab File: BE100102.D
Acq: 20 Jun 2019 10:48

Instrument :
BNA_E
ClientSampleId :
PB120562BL

Tgt Ion: 42 Resp: 23

Ion	Ratio	Lower	Upper
42	100		
74	26.1	0.0	0.0#
44	0.0	0.0	0.0

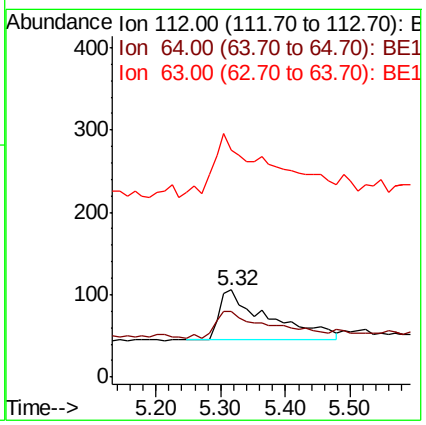


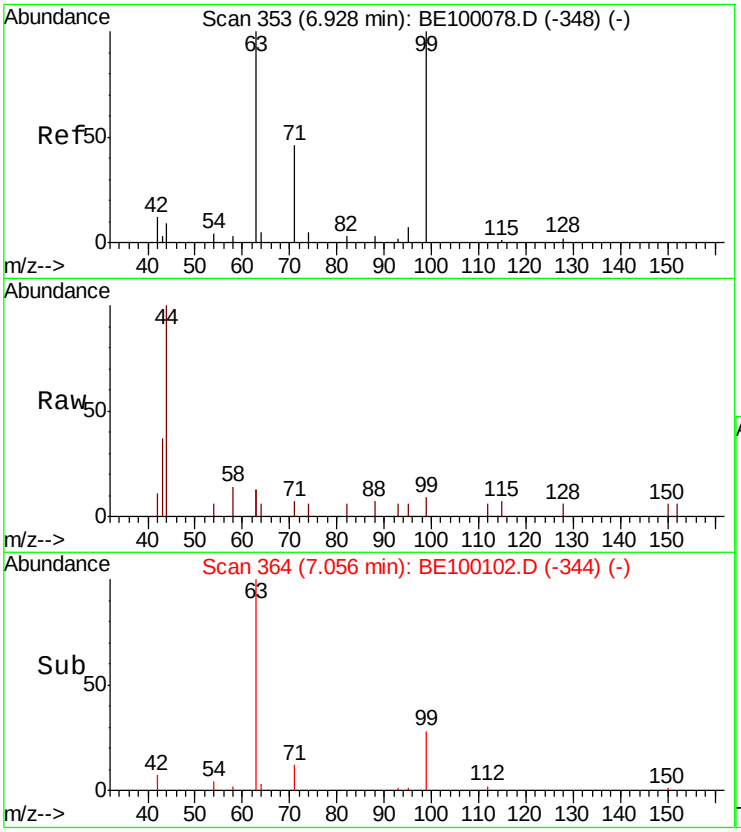


#4
2-Fluorophenol
Concen: 0.328 ng
RT: 5.32 min Scan# 213
Delta R.T. 0.01 min
Lab File: BE100102.D
Acq: 20 Jun 2019 10:48

Tgt Ion:112 Resp: 323

Ion	Ratio	Lower	Upper
112	100		
64	61.9	22.0	33.0#
63	154.8	121.8	182.6



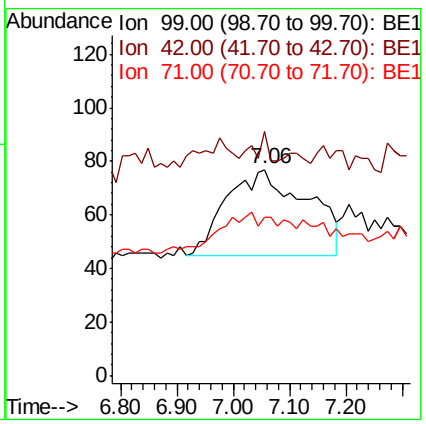


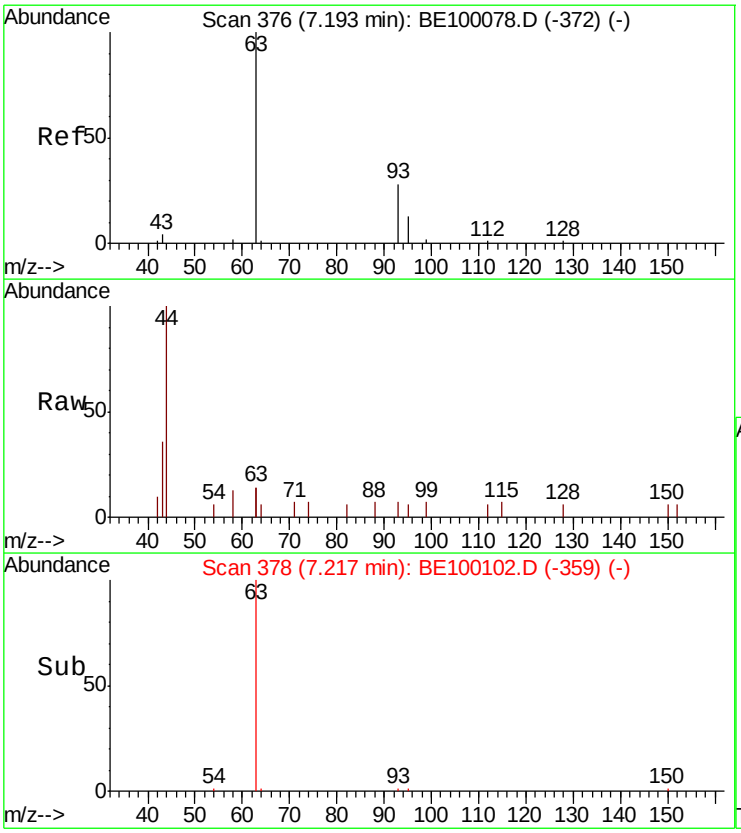
#5
Phenol-d6
Concen: 0.233 ng
RT: 7.06 min Scan# 364
Delta R.T. 0.13 min
Lab File: BE100102.D
Acq: 20 Jun 2019 10:48

Instrument :
BNA_E
ClientSampleId :
PB120562BL

Tgt Ion: 99 Resp: 316

Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	0.0	37.6	56.4#

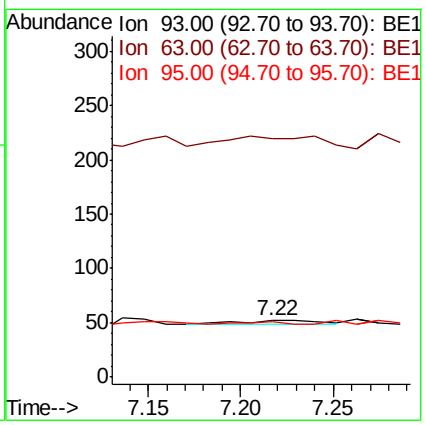


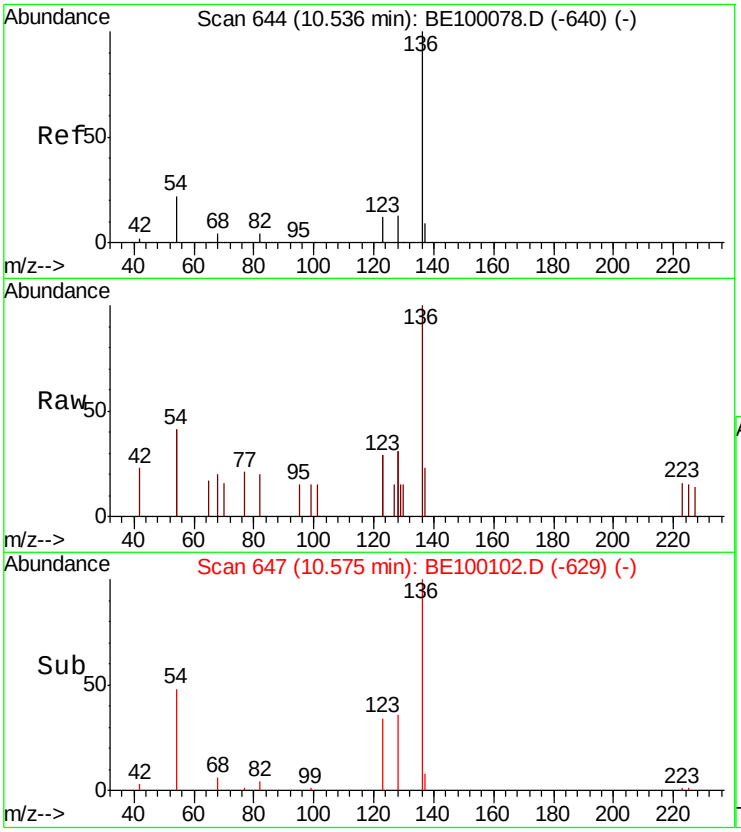


#6
bis(2-Chloroethyl)ether
Concen: 0.040 ng
RT: 7.22 min Scan# 378
Delta R.T. 0.02 min
Lab File: BE100102.D
Acq: 20 Jun 2019 10:48

Tgt Ion: 93 Resp: 9

Ion	Ratio	Lower	Upper
93	100		
63	477.8	200.0	300.0#
95	66.7	24.0	36.0#



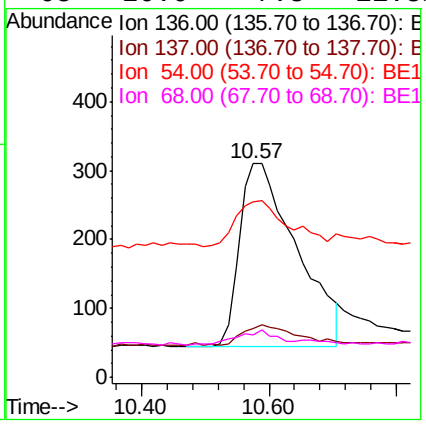


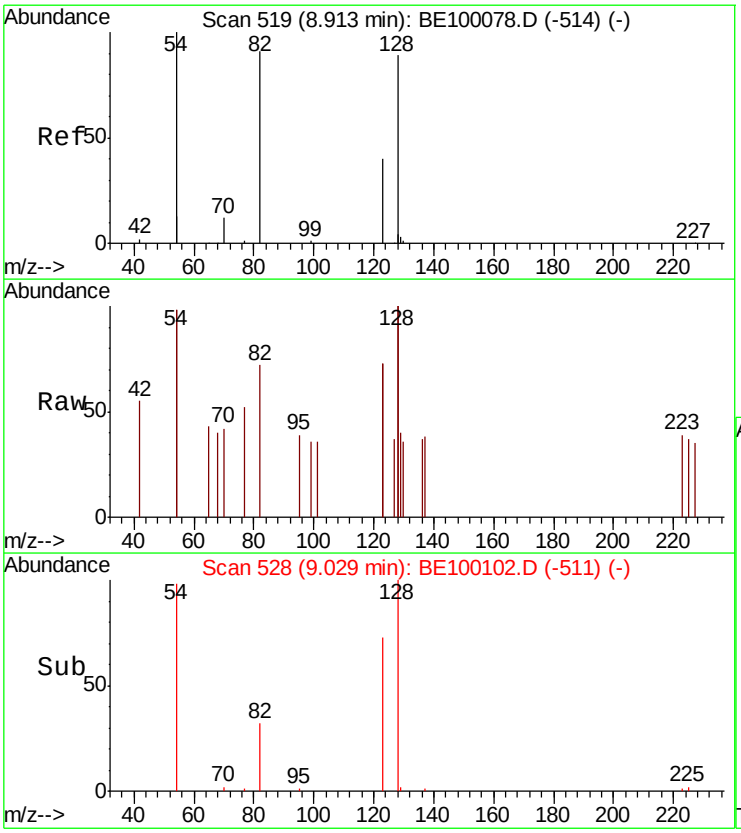
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.57 min Scan# 647
Delta R.T. 0.04 min
Lab File: BE100102.D
Acq: 20 Jun 2019 10:48

Instrument :
BNA_E
ClientSampleId :
PB120562BL

Tgt Ion:136 Resp: 1667

Ion	Ratio	Lower	Upper
136	100		
137	22.6	11.6	17.4#
54	81.9	33.9	50.9#
68	20.0	7.8	11.8#

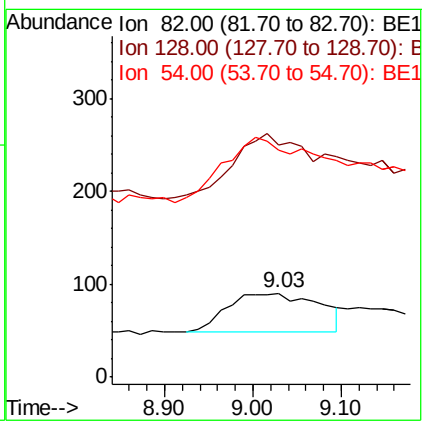


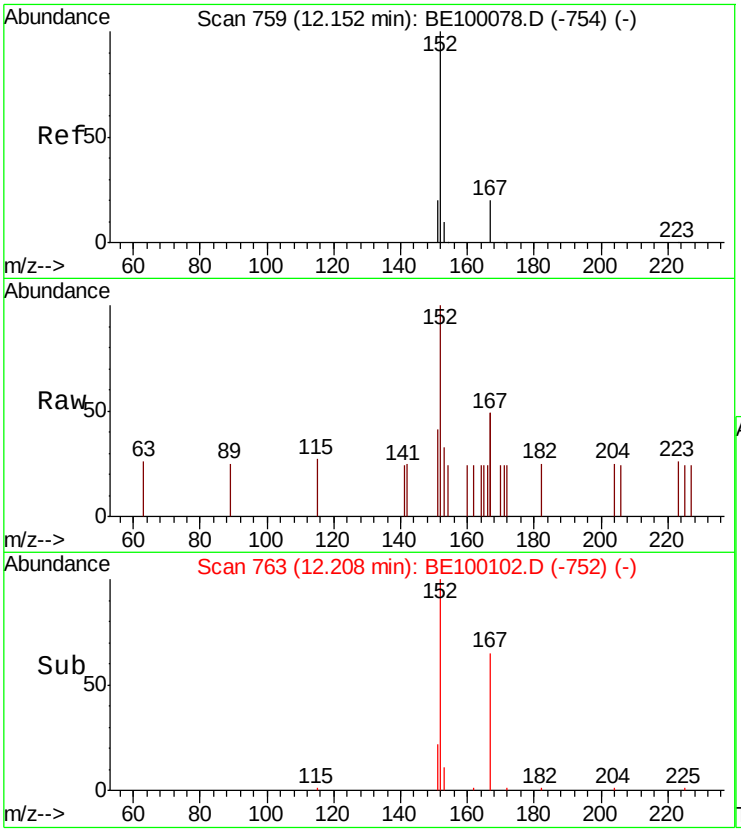


#8
Nitrobenzene-d5
Concen: 0.189 ng
RT: 9.03 min Scan# 528
Delta R.T. 0.12 min
Lab File: BE100102.D
Acq: 20 Jun 2019 10:48

Tgt Ion: 82 Resp: 306

Ion	Ratio	Lower	Upper
82	100		
128	277.8	128.0	192.0#
54	271.1	143.4	215.0#



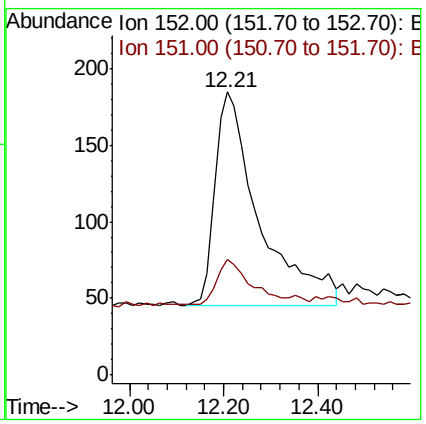


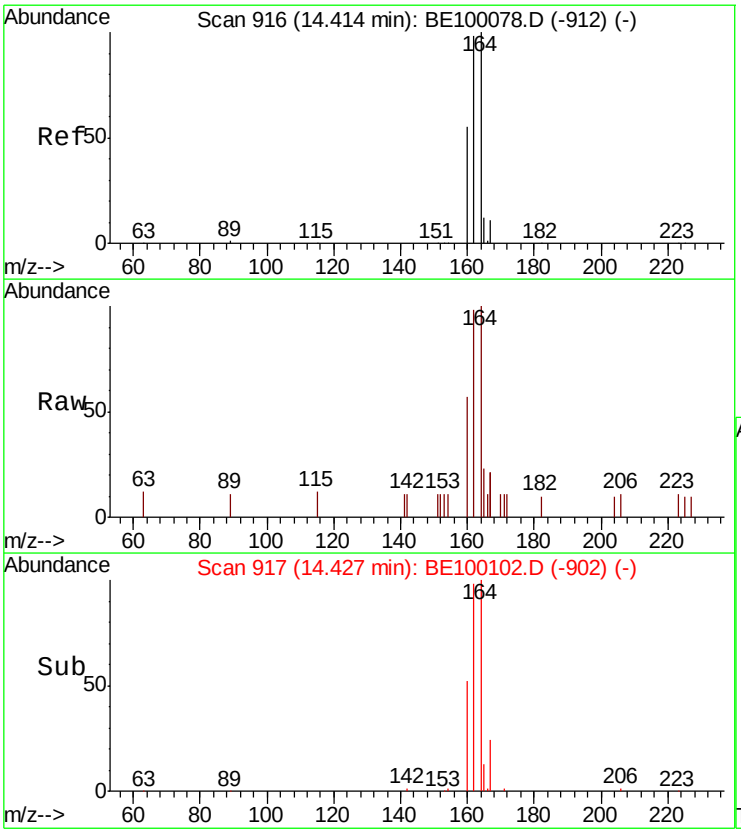
#11
2-Methylnaphthalene-d10
Concen: 0.288 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.06 min
Lab File: BE100102.D
Acq: 20 Jun 2019 10:48

Instrument :
BNA_E
ClientSampleId :
PB120562BL

Tgt Ion:152 Resp: 912

Ion	Ratio	Lower	Upper
152	100		
151	15.8	16.3	24.5#

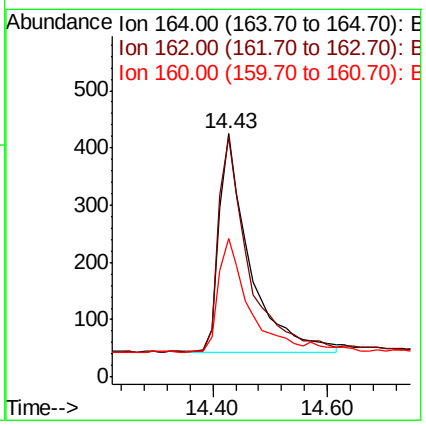


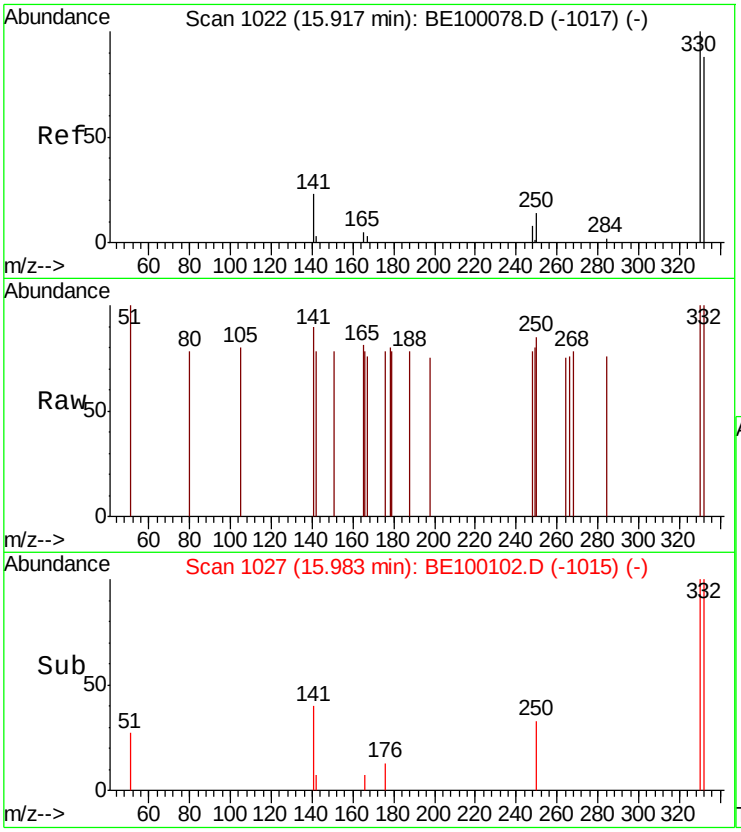


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.43 min Scan# 917
Delta R.T. 0.01 min
Lab File: BE100102.D
Acq: 20 Jun 2019 10:48

Tgt Ion:164 Resp: 1399

Ion	Ratio	Lower	Upper
164	100		
162	98.4	78.2	117.2
160	56.7	45.6	68.4



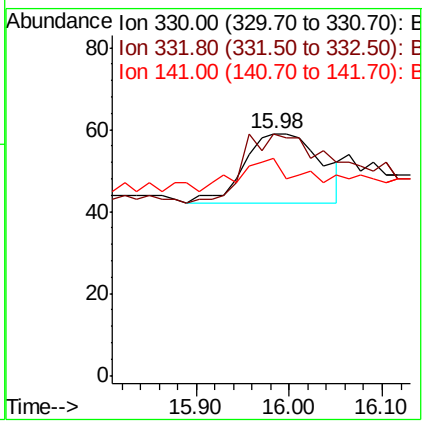


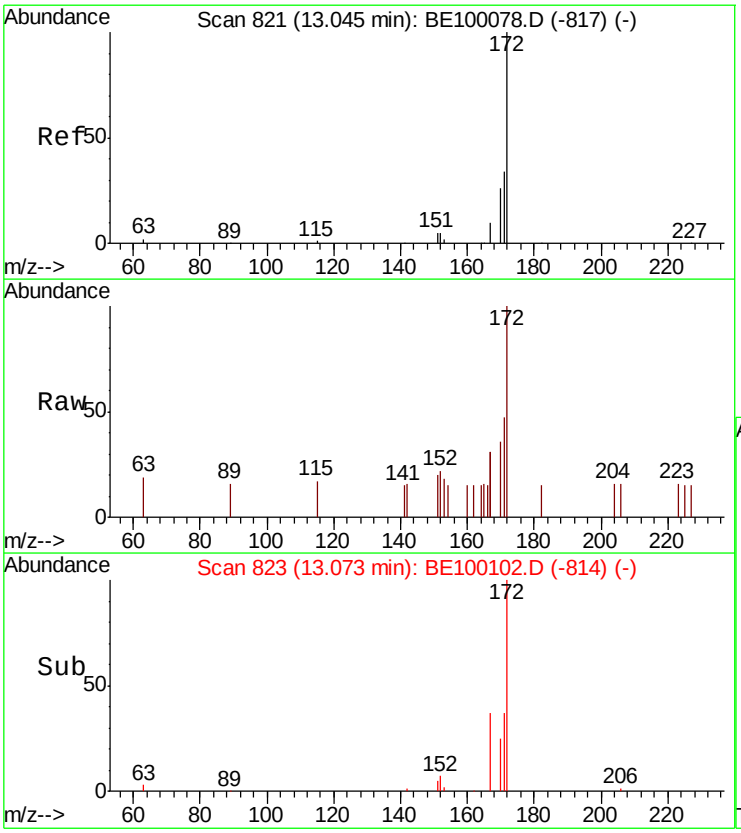
#14
2,4,6-Tribromophenol
Concen: 0.127 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.07 min
Lab File: BE100102.D
Acq: 20 Jun 2019 10:48

Instrument :
BNA_E
ClientSampleId :
PB120562BL

Tgt Ion:330 Resp: 98

Ion	Ratio	Lower	Upper
330	100		
332	0.0	73.3	109.9#
141	29.6	22.2	33.2

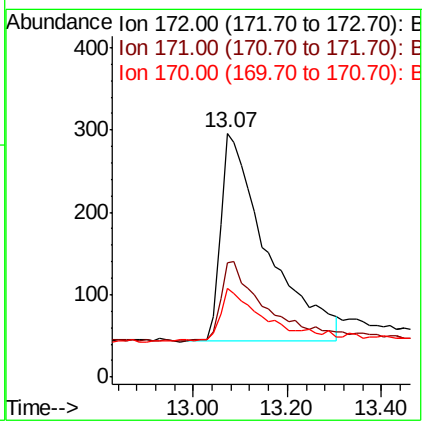


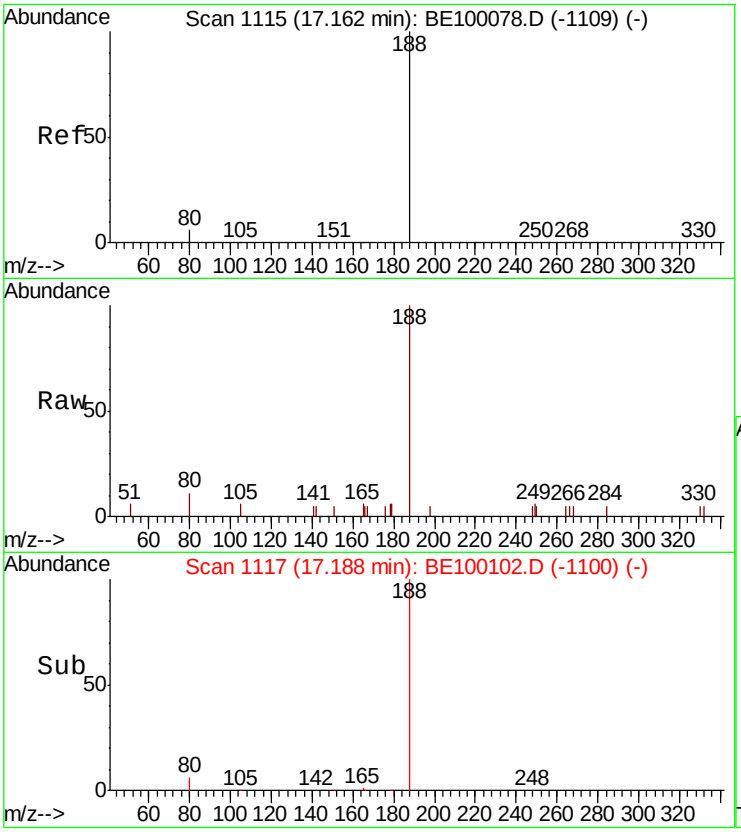


#15
2-Fluorobiphenyl
Concen: 0.312 ng
RT: 13.07 min Scan# 823
Delta R.T. 0.03 min
Lab File: BE100102.D
Acq: 20 Jun 2019 10:48

Tgt Ion:172 Resp: 1718

Ion	Ratio	Lower	Upper
172	100		
171	47.0	29.8	44.8#
170	36.1	23.2	34.8#



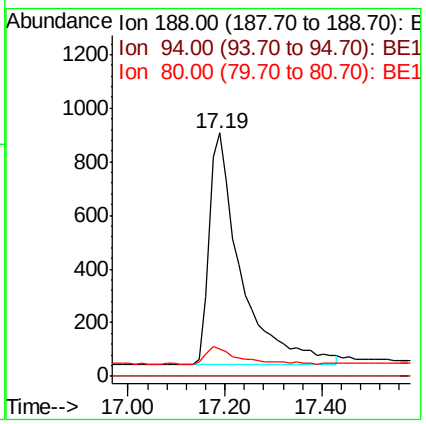


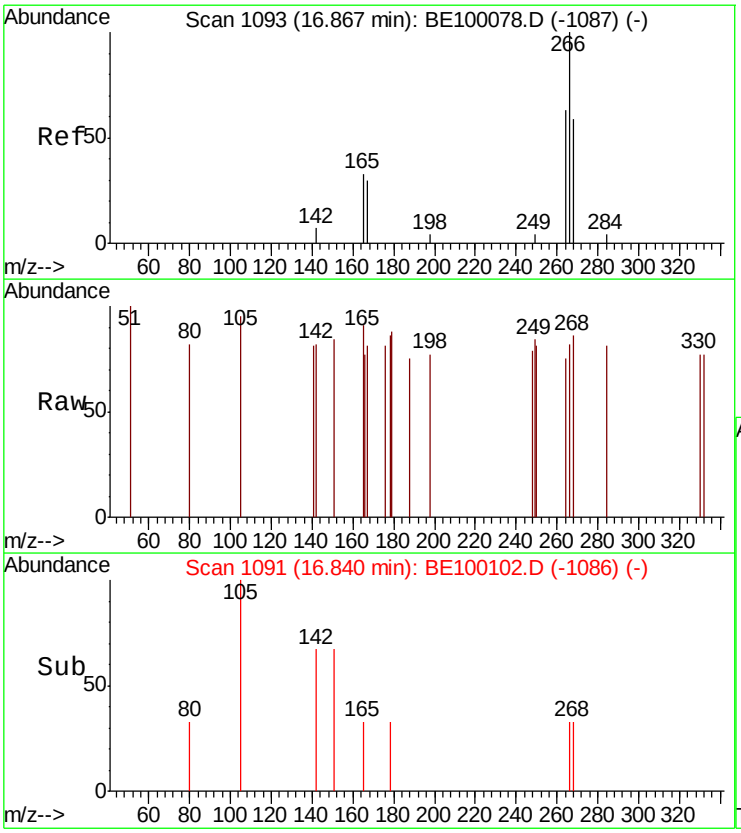
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. 0.03 min
Lab File: BE100102.D
Acq: 20 Jun 2019 10:48

Instrument :
BNA_E
ClientSampleId :
PB120562BL

Tgt Ion:188 Resp: 3876

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.2	6.3	9.5#

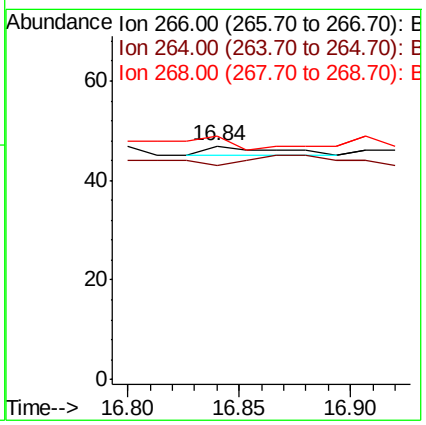


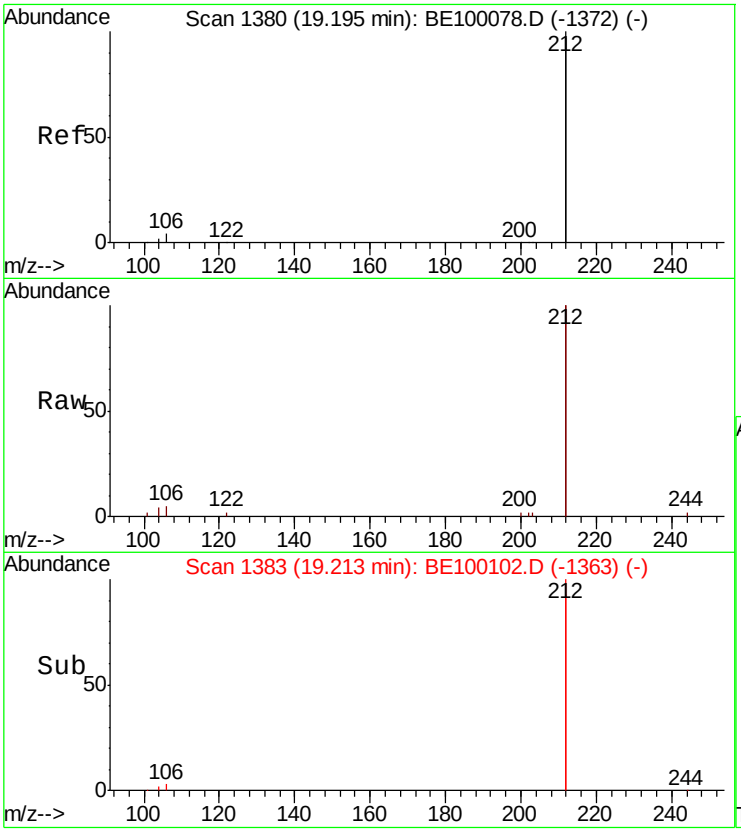


#22
Pentachlorophenol
Concen: 0.247 ng
RT: 16.84 min Scan# 1091
Delta R.T. -0.03 min
Lab File: BE100102.D
Acq: 20 Jun 2019 10:48

Tgt Ion:266 Resp: 4

Ion	Ratio	Lower	Upper
266	100		
264	91.5	67.8	101.6
268	104.3	70.0	105.0



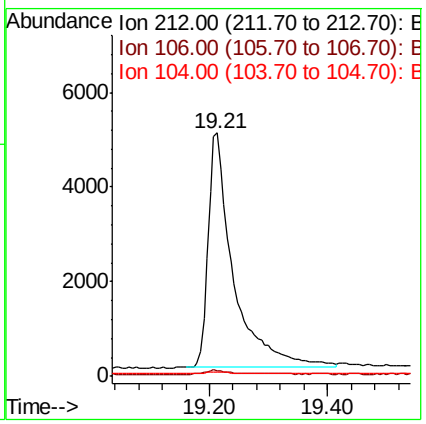


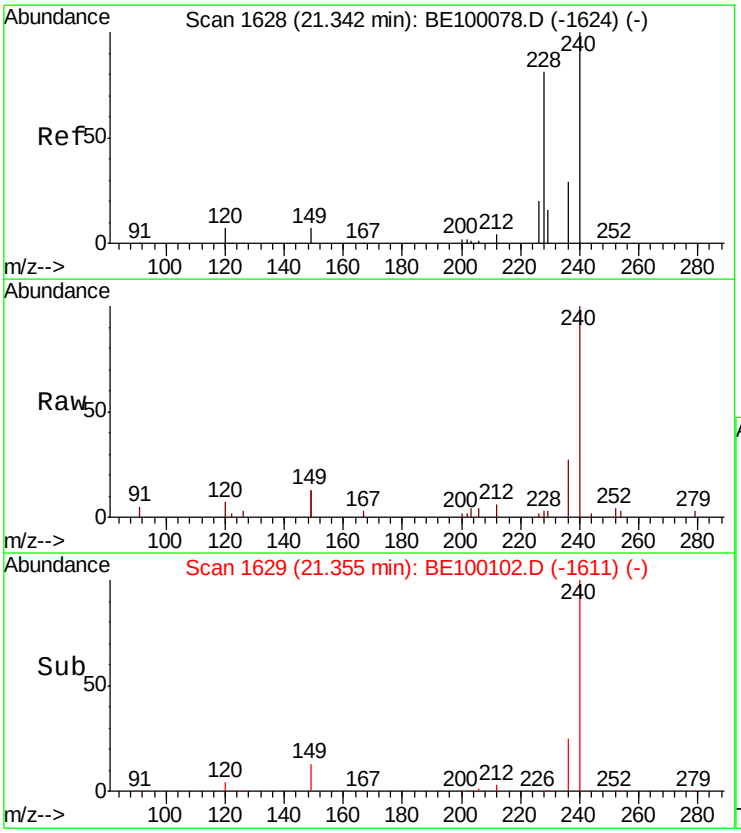
#25
Fluoranthene-d10
Concen: 0.269 ng
RT: 19.21 min Scan# 1383
Delta R.T. 0.02 min
Lab File: BE100102.D
Acq: 20 Jun 2019 10:48

Instrument :
BNA_E
ClientSampleId :
PB120562BL

Tgt Ion:212 Resp: 14924

Ion	Ratio	Lower	Upper
212	100		
106	1.7	1.4	2.0
104	1.0	0.8	1.2

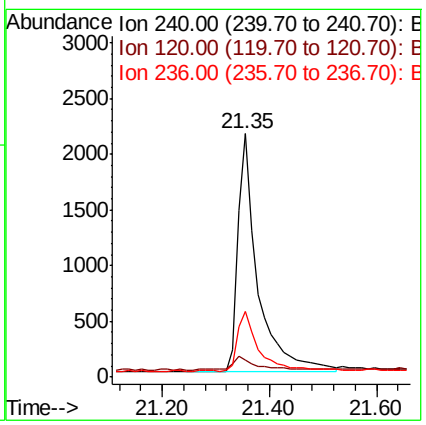


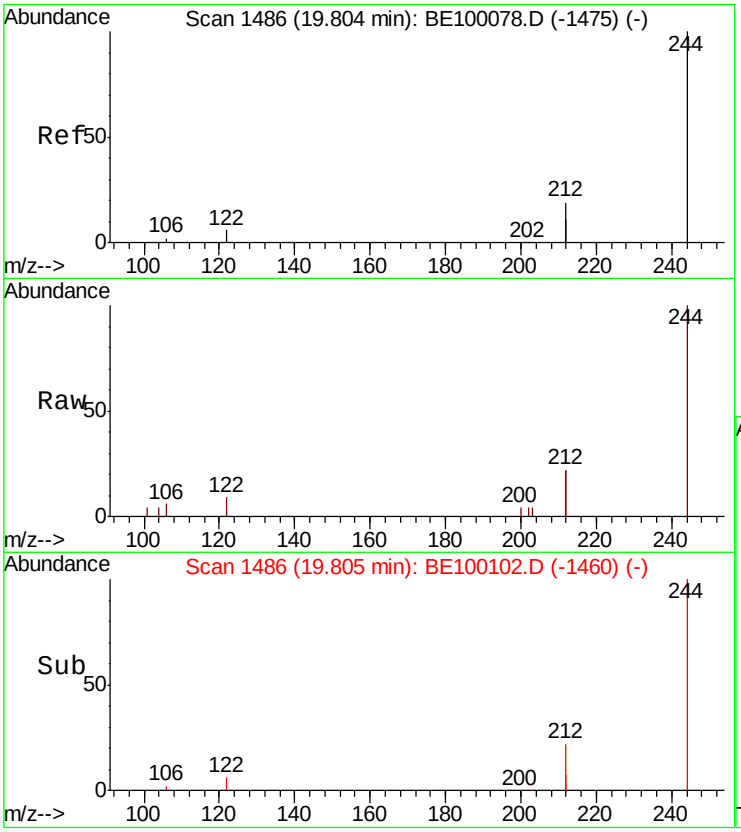


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.35 min Scan# 1629
Delta R.T. 0.01 min
Lab File: BE100102.D
Acq: 20 Jun 2019 10:48

Tgt Ion:240 Resp: 5520

Ion	Ratio	Lower	Upper
240	100		
120	6.9	6.6	10.0
236	26.8	23.8	35.6



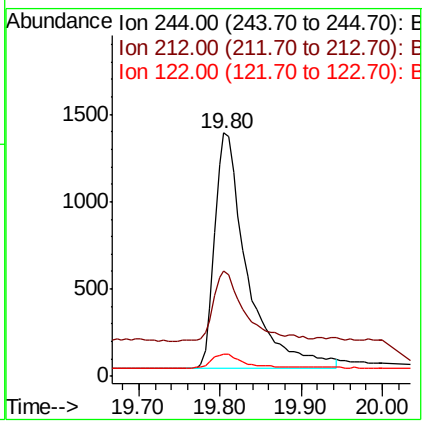


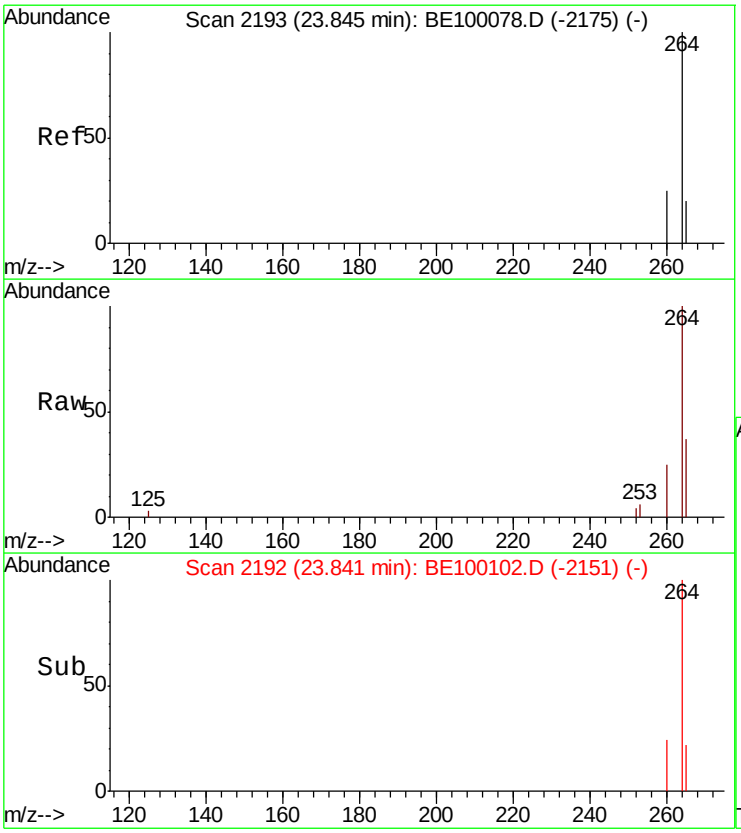
#29
Terphenyl-d14
Concen: 0.341 ng
RT: 19.80 min Scan# 1486
Delta R.T. 0.00 min
Lab File: BE100102.D
Acq: 20 Jun 2019 10:48

Instrument :
BNA_E
ClientSampleId :
PB120562BL

Tgt Ion:244 Resp: 3761

Ion	Ratio	Lower	Upper
244	100		
212	43.5	29.8	44.8
122	9.0	6.1	9.1





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.84 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BE100102.D
Acq: 20 Jun 2019 10:48

Tgt Ion:264 Resp: 7857

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.8	31.2
265	36.6	23.2	34.8#