Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061919\
Data File : BE100088.D
Acq On : 19 Jun 2019 18:38
Operator : JU/SJ
Sample : K3309-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : LF001MW001-190610

Quant Time: Jun 20 07:37:39 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	7.73	152	722	0.40	ng		0.00
7) Naphthalene-d8	10.54	136	2518	0.40	ng		0.00
13) Acenaphthene-d10	14.41	164	5362	0.40	ng		0.00
19) Phenanthrene-d10	17.16	188	7512	0.40	ng		0.00
27) Chrysene-d12	21.34	240	10041	0.40	ng		0.00
34) Perylene-d12	23.84	264	10584	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.30	112	578	0.39	ng		0.00
5) Phenol-d6	6.90	99	1513	0.74	ng		-0.03
8) Nitrobenzene-d5	8.89	82	1126	0.46	ng		-0.03
11) 2-Methylnaphthalene-d10	12.14	152	1740	0.36	ng		-0.02
14) 2,4,6-Tribromophenol	15.90	330	754	0.25	ng		-0.01
15) 2-Fluorobiphenyl	13.03	172	3598	0.17	ng		-0.02
25) Fluoranthene-d10	19.20	212	32597	0.30	ng		0.00
29) Terphenyl-d14	19.79	244	9476	0.47	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	287	0.248	ng	#	1
9) Naphthalene	10.59	128	2634961	96.298	ng	#	97
12) 2-Methylnaphthalene	12.21	142	69148	15.367	ng		96
18) Fluorene	15.45	166	1721	0.081	ng		94
23) Phenanthrene	17.20	178	1267	0.070	ng	#	74
32) Bis(2-ethylhexyl)phthalate	21.24	149	4126	0.146	ng		97

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

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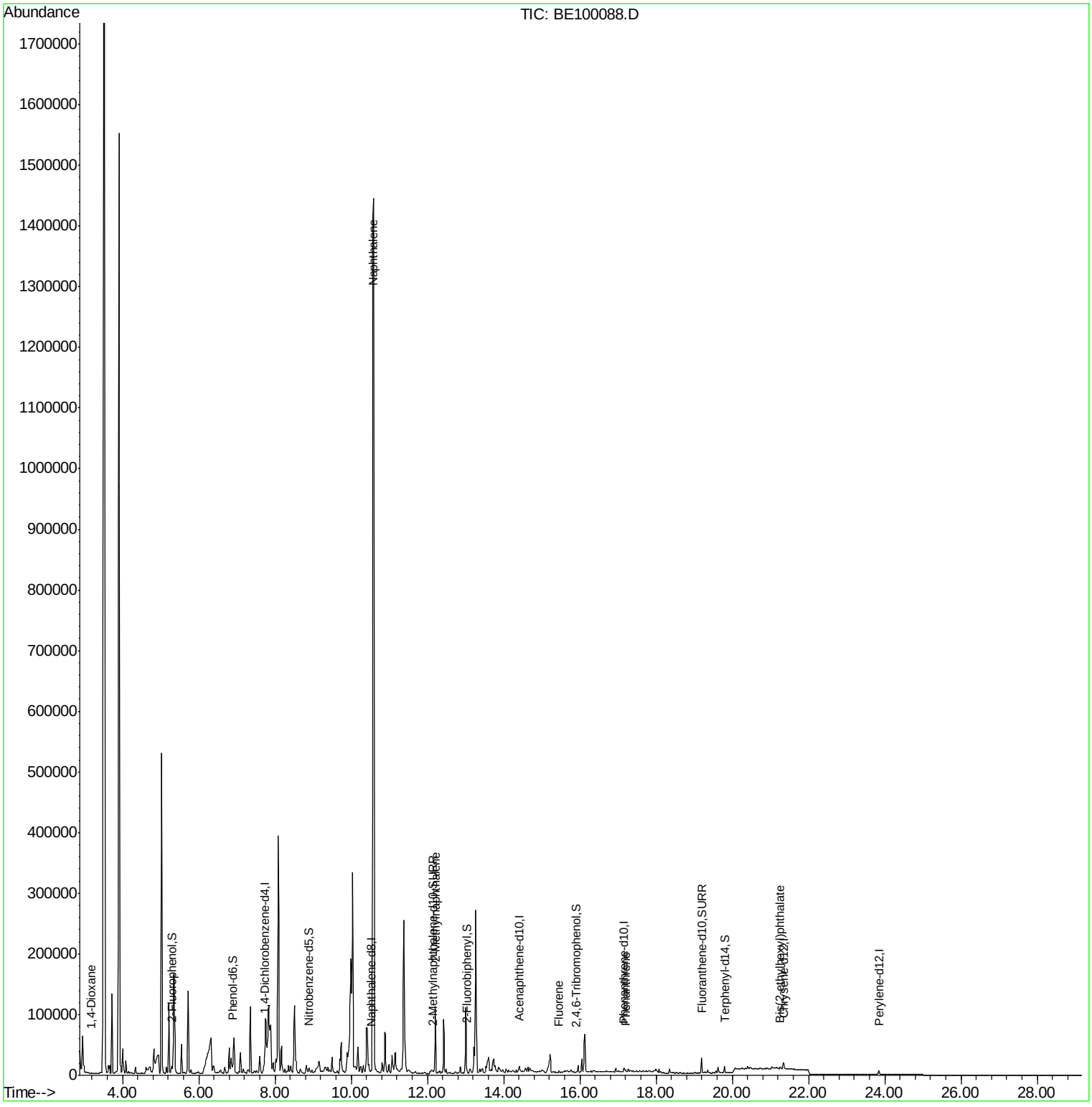
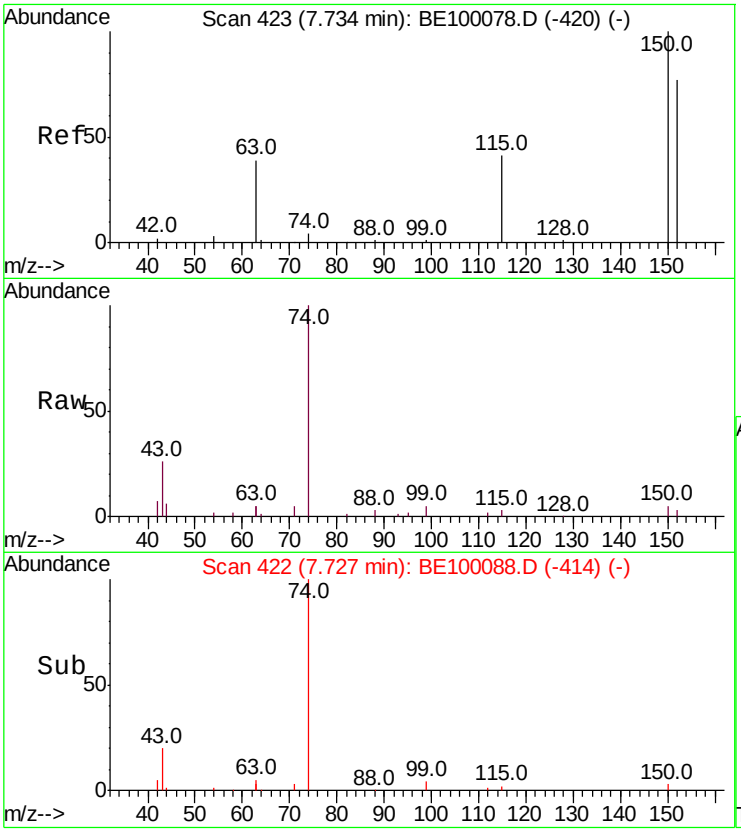


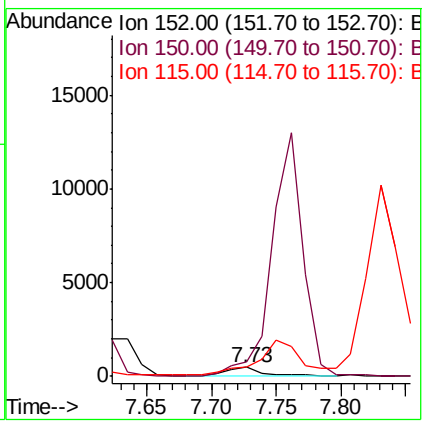


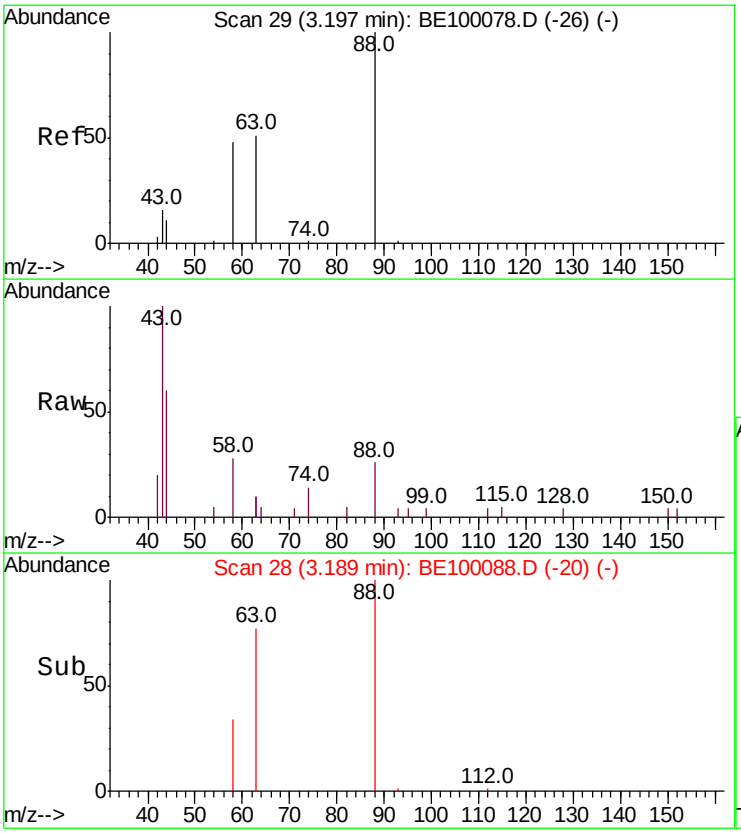
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE100088.D
Acq: 19 Jun 2019 18:38

Instrument :
BNA_E
ClientSampleId :
LF001MW001-190610

Tgt Ion:152 Resp: 722

Ion	Ratio	Lower	Upper
152	100		
150	159.7	99.8	149.8#
115	101.5	51.3	76.9#

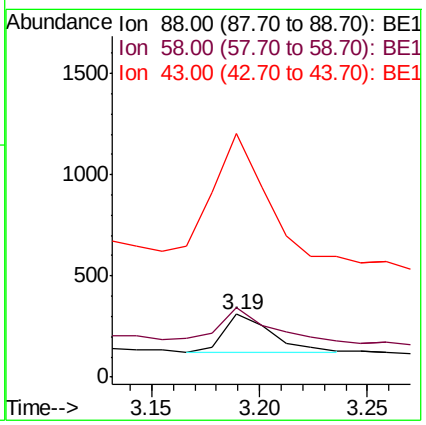


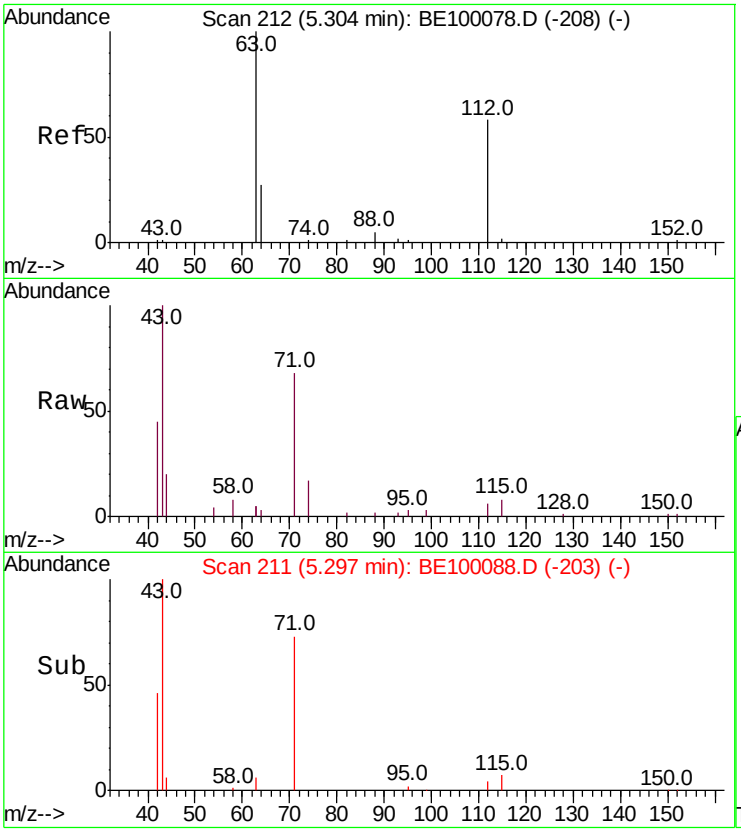


#2
1,4-Dioxane
Concen: 0.248 ng
RT: 3.19 min Scan# 28
Delta R.T. -0.01 min
Lab File: BE100088.D
Acq: 19 Jun 2019 18:38

Tgt Ion: 88 Resp: 287

Ion	Ratio	Lower	Upper
88	100		
58	104.2	51.1	76.7#
43	391.6	21.7	32.5#



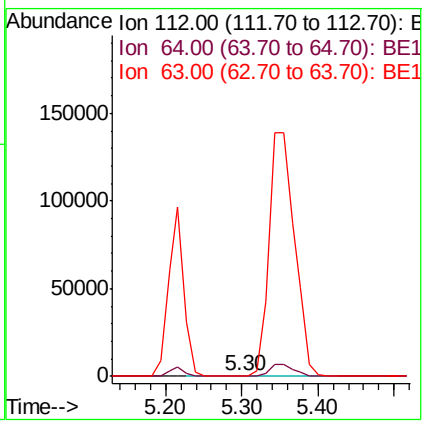


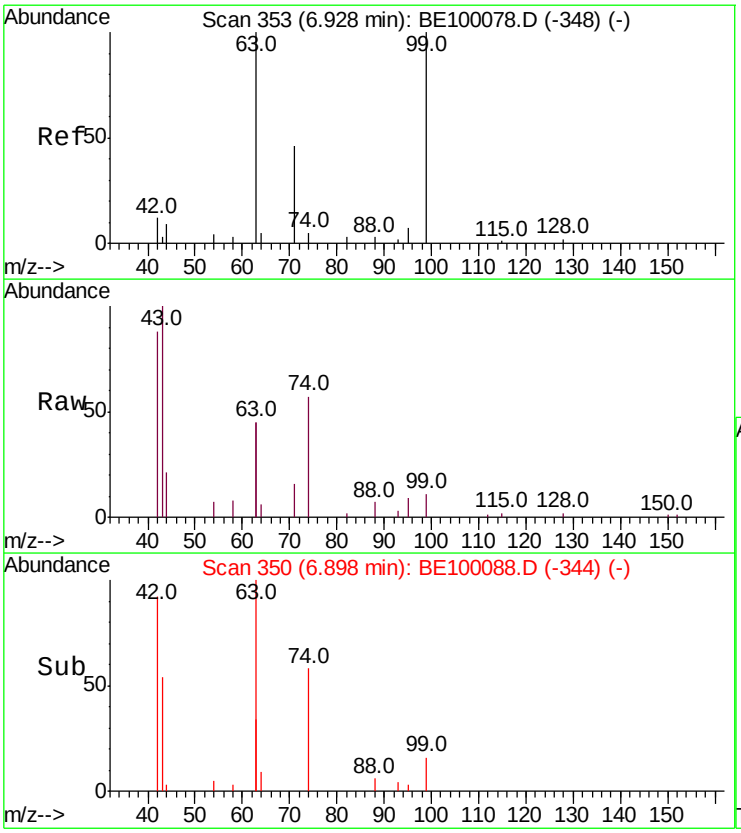
#4
2-Fluorophenol
Concen: 0.386 ng
RT: 5.30 min Scan# 211
Delta R.T. -0.01 min
Lab File: BE100088.D
Acq: 19 Jun 2019 18:38

Instrument :
BNA_E
ClientSampleId :
LF001MW001-190610

Tgt Ion:112 Resp: 578

Ion	Ratio	Lower	Upper
112	100		
64	0.0	22.0	33.0#
63	0.0	121.8	182.6#

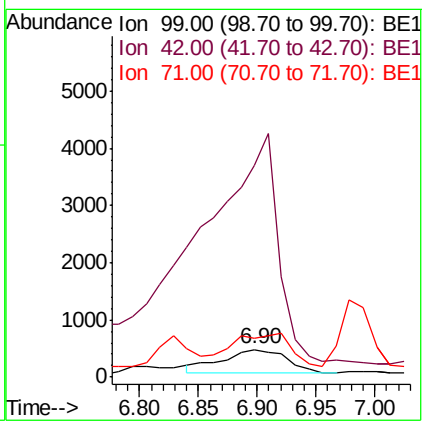


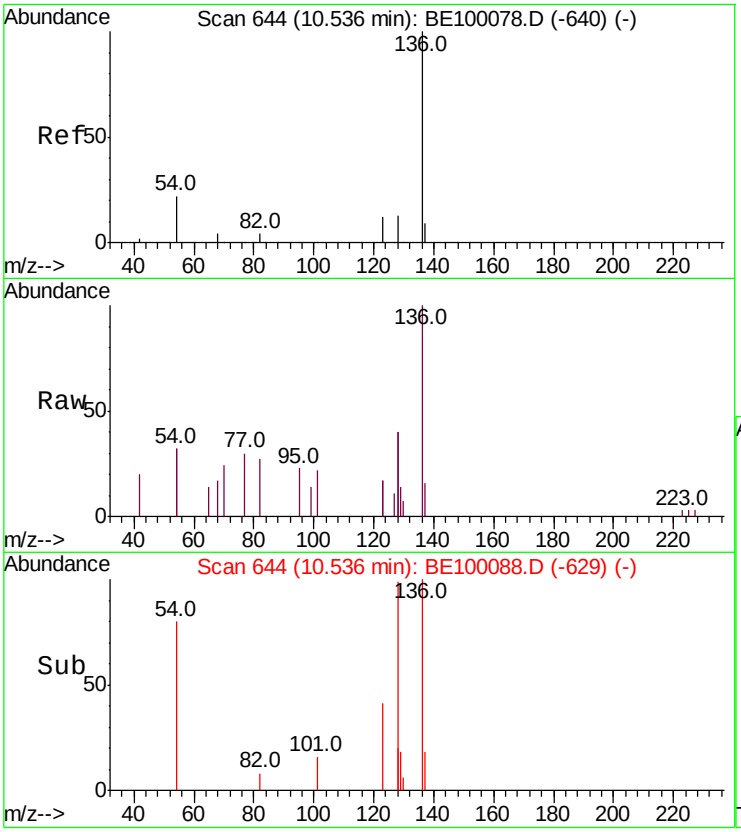


#5
Phenol-d6
Concen: 0.735 ng
RT: 6.90 min Scan# 350
Delta R.T. -0.03 min
Lab File: BE100088.D
Acq: 19 Jun 2019 18:38

Tgt Ion: 99 Resp: 1513

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



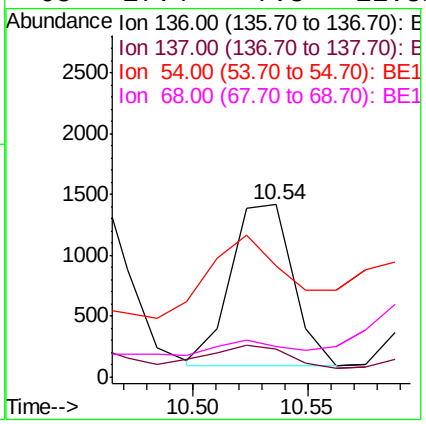


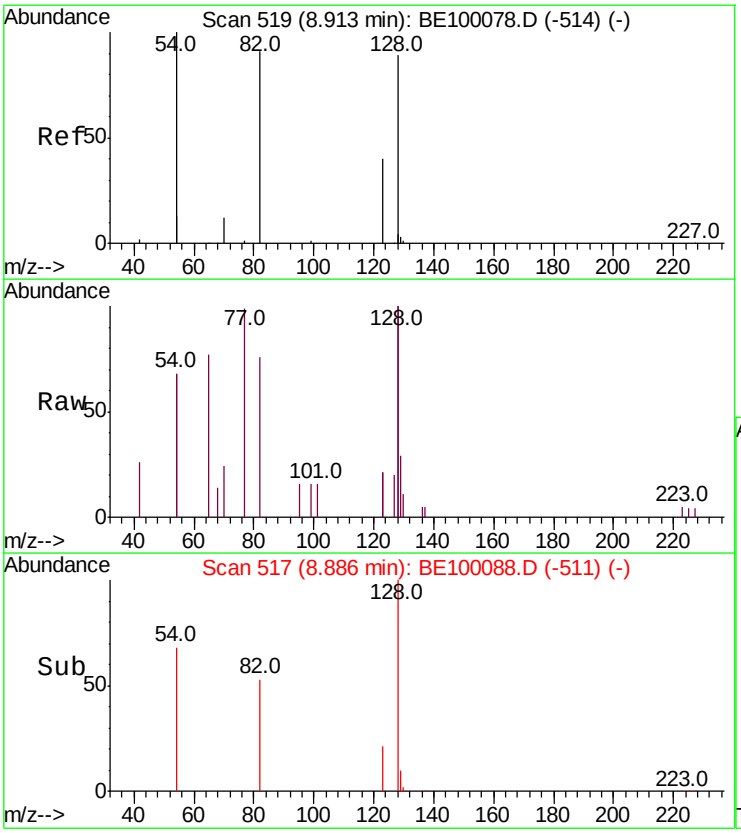
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.54 min Scan# 644
Delta R.T. -0.00 min
Lab File: BE100088.D
Acq: 19 Jun 2019 18:38

Instrument :
BNA_E
ClientSampleId :
LF001MW001-190610

Tgt Ion:136 Resp: 2518

Ion	Ratio	Lower	Upper
136	100		
137	16.2	11.6	17.4
54	64.8	33.9	50.9#
68	17.4	7.8	11.8#

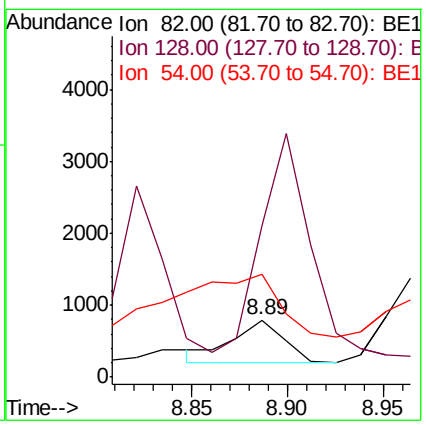


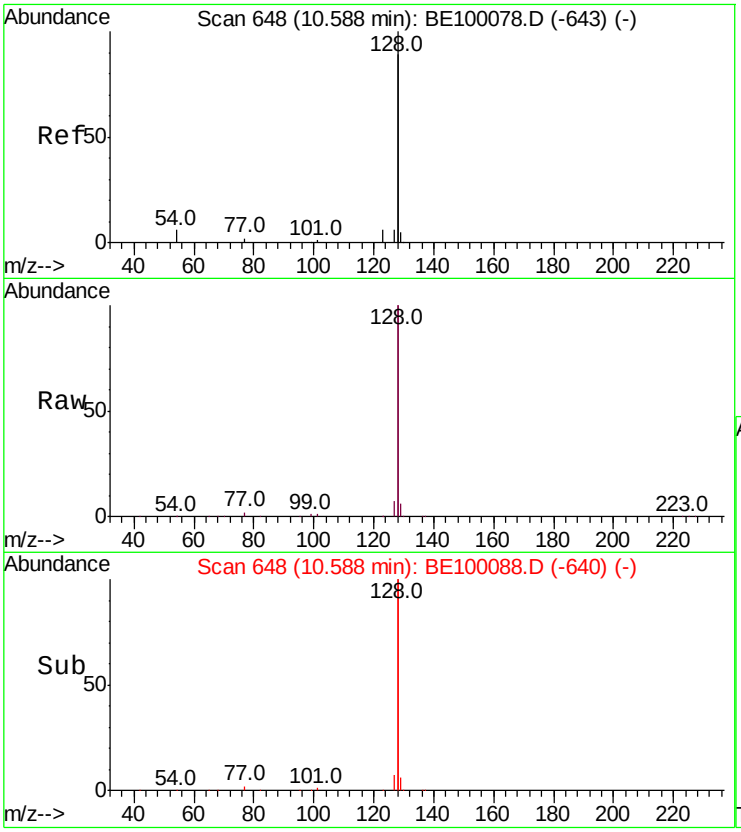


#8
Nitrobenzene-d5
Concen: 0.461 ng
RT: 8.89 min Scan# 517
Delta R.T. -0.03 min
Lab File: BE100088.D
Acq: 19 Jun 2019 18:38

Tgt Ion: 82 Resp: 1126

Ion	Ratio	Lower	Upper
82	100		
128	264.6	128.0	192.0#
54	179.1	143.4	215.0



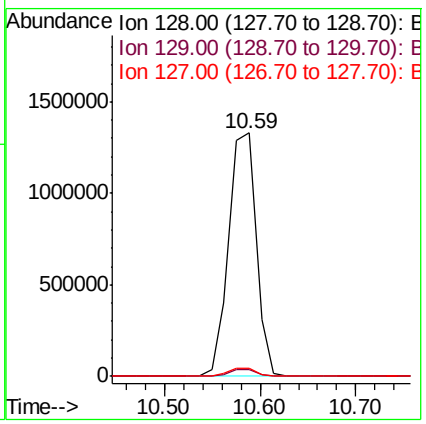


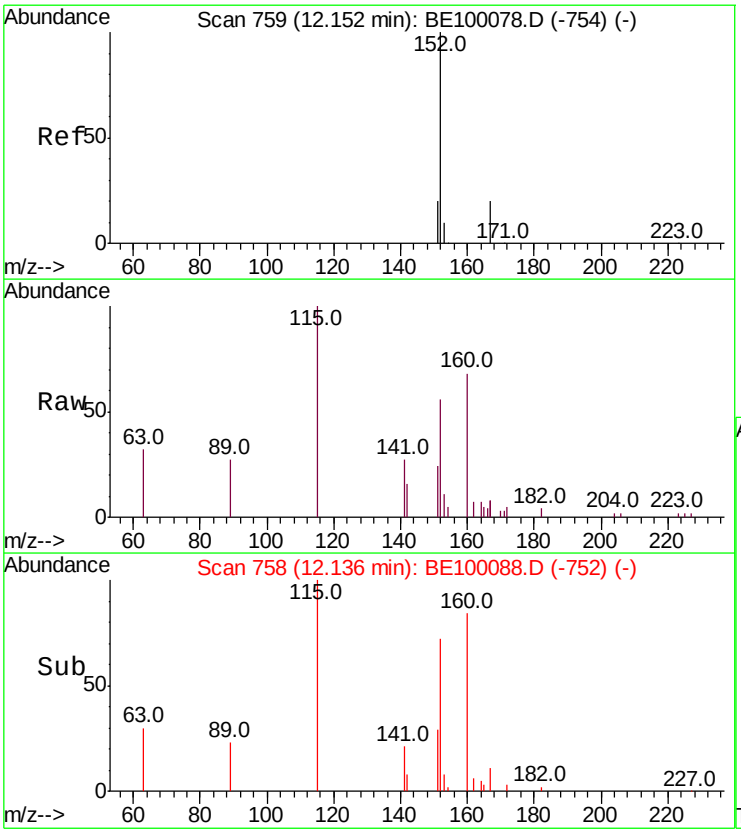
#9
Naphthalene
Concen: 96.298 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.00 min
Lab File: BE100088.D
Acq: 19 Jun 2019 18:38

Instrument :
BNA_E
ClientSampleId :
LF001MW001-190610

Tgt Ion:128 Resp: 2634961

Ion	Ratio	Lower	Upper
128	100		
129	2.8	3.1	4.7#
127	3.3	3.4	5.2#

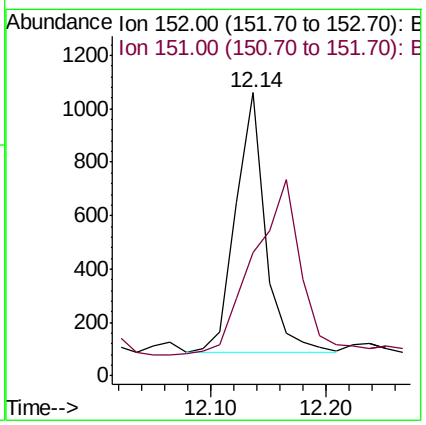


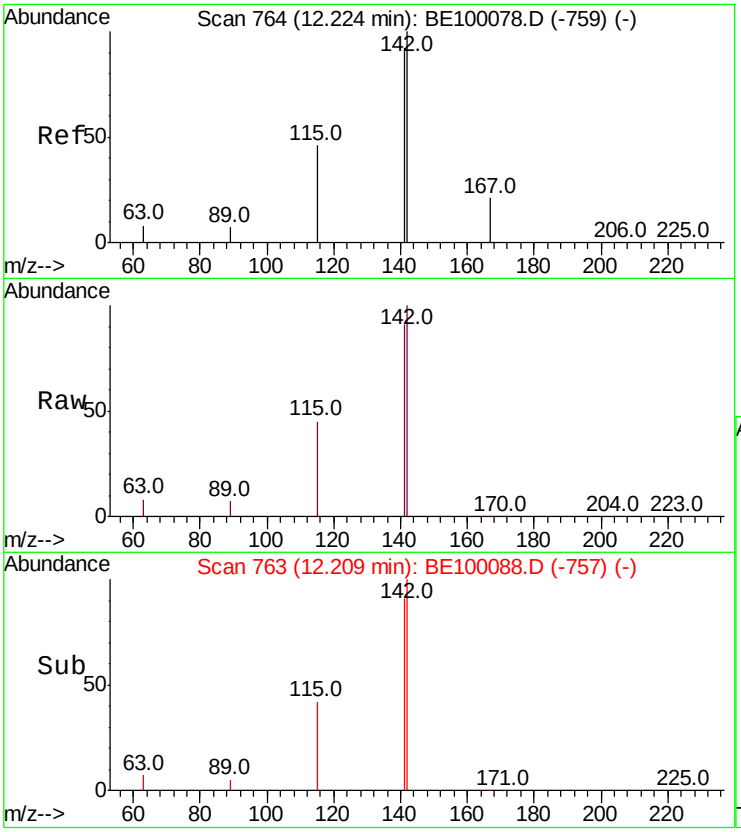


#11
2-Methylnaphthalene-d10
Concen: 0.363 ng
RT: 12.14 min Scan# 758
Delta R.T. -0.02 min
Lab File: BE100088.D
Acq: 19 Jun 2019 18:38

Tgt Ion:152 Resp: 1740

Ion	Ratio	Lower	Upper
152	100		
151	0.0	16.3	24.5#



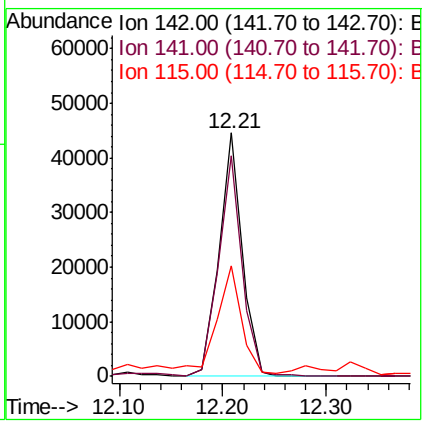


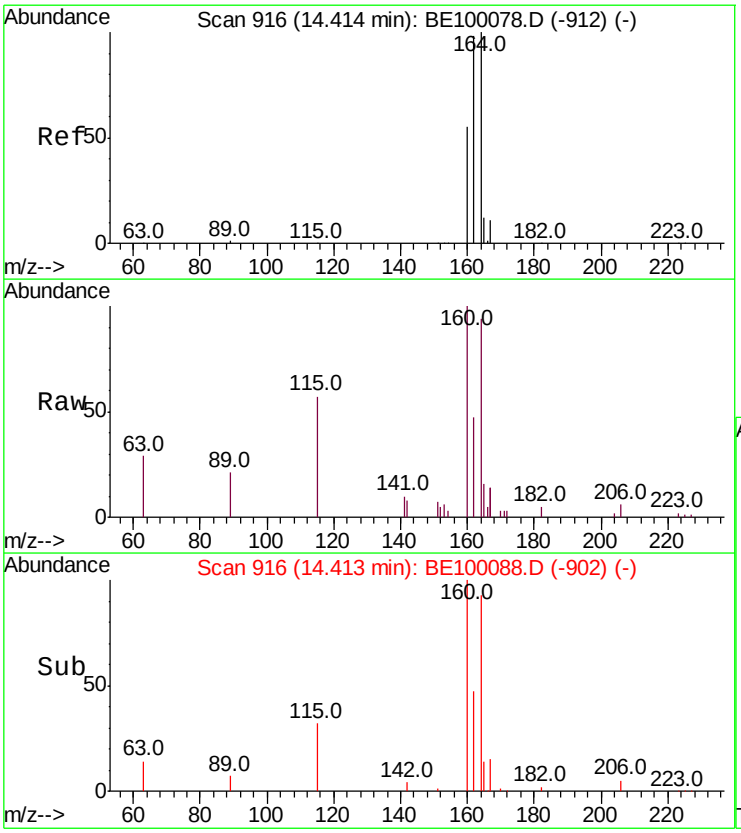
#12
2-Methylnaphthalene
Concen: 15.367 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.02 min
Lab File: BE100088.D
Acq: 19 Jun 2019 18:38

Instrument :
BNA_E
ClientSampleId :
LF001MW001-190610

Tgt Ion:142 Resp: 69148

Ion	Ratio	Lower	Upper
142	100		
141	90.7	74.1	111.1
115	45.4	40.9	61.3

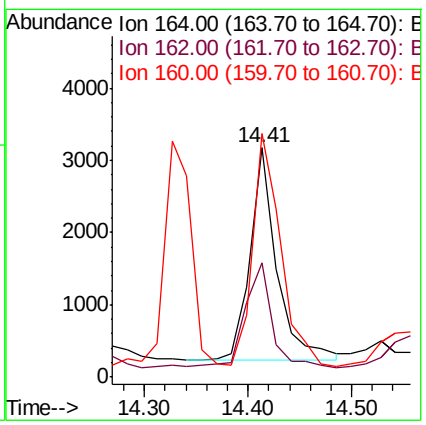


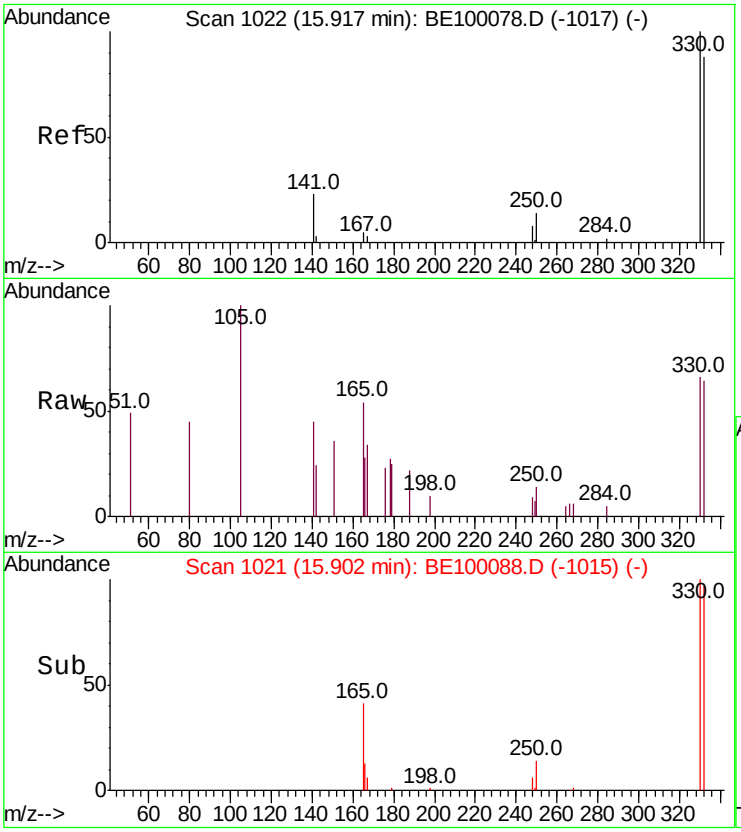


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.41 min Scan# 916
Delta R.T. -0.00 min
Lab File: BE100088.D
Acq: 19 Jun 2019 18:38

Tgt Ion:164 Resp: 5362

Ion	Ratio	Lower	Upper
164	100		
162	49.7	78.2	117.2#
160	106.3	45.6	68.4#



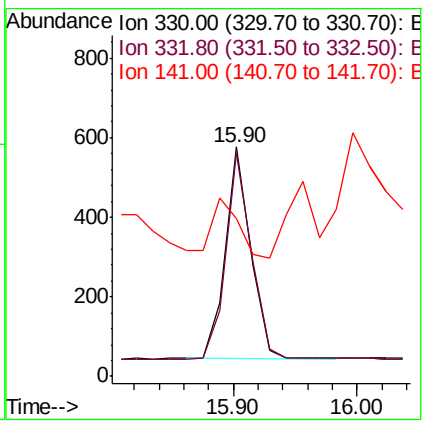


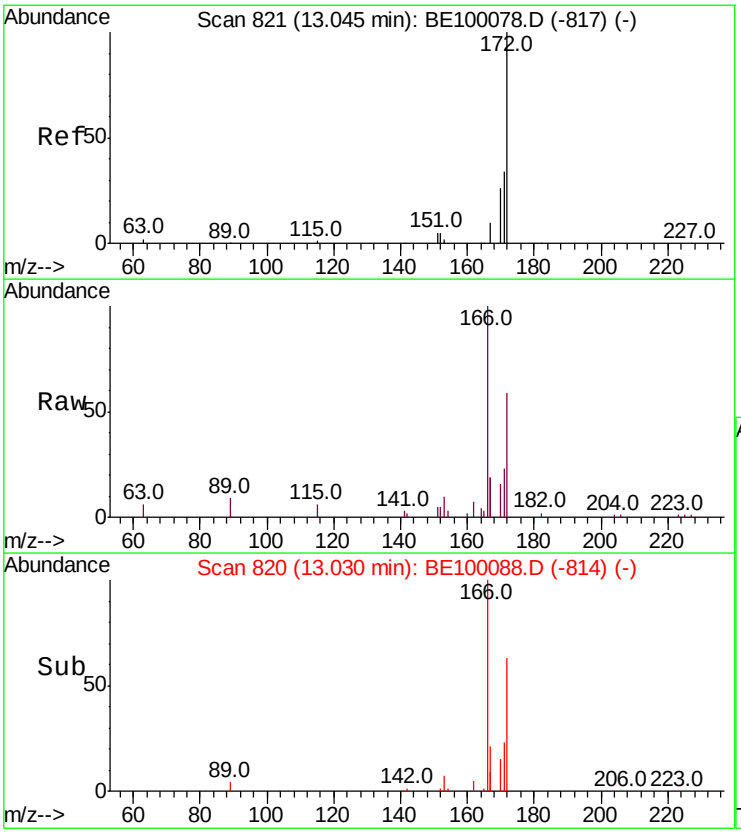
#14
2,4,6-Tribromophenol
Concen: 0.255 ng
RT: 15.90 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BE100088.D
Acq: 19 Jun 2019 18:38

Instrument :
BNA_E
ClientSampleId :
LF001MW001-190610

Tgt Ion:330 Resp: 754

Ion	Ratio	Lower	Upper
330	100		
332	99.3	73.3	109.9
141	27.9	22.2	33.2

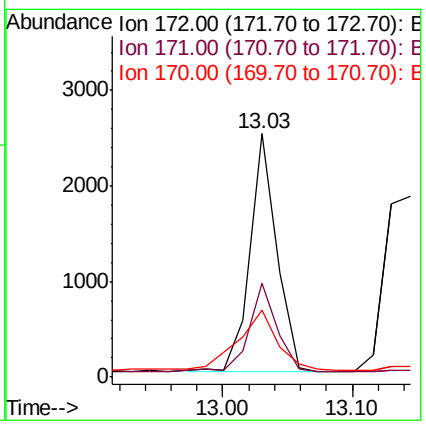


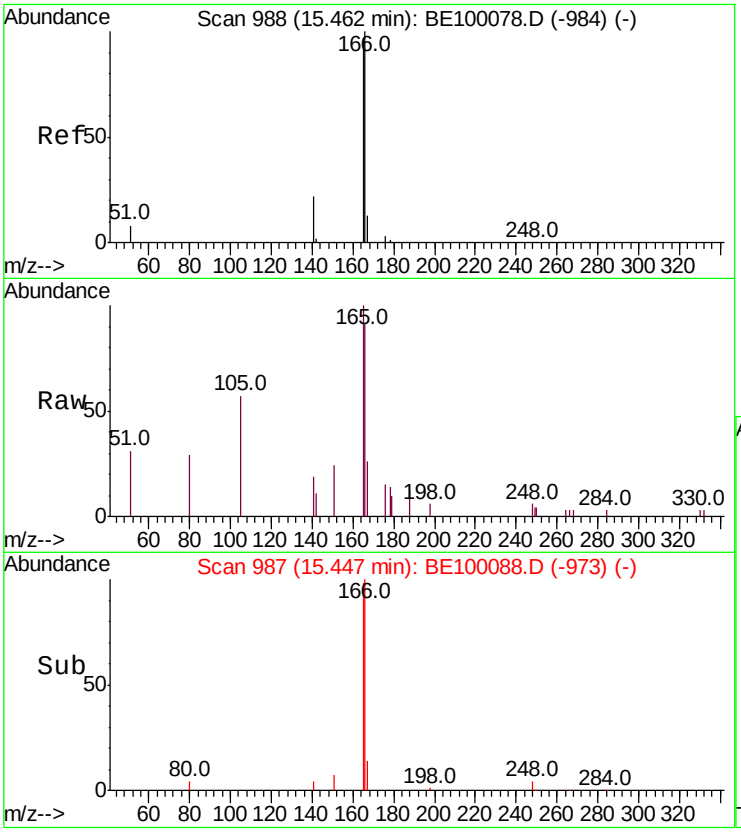


#15
2-Fluorobiphenyl
Concen: 0.171 ng
RT: 13.03 min Scan# 820
Delta R.T. -0.02 min
Lab File: BE100088.D
Acq: 19 Jun 2019 18:38

Tgt Ion:172 Resp: 3598

Ion	Ratio	Lower	Upper
172	100		
171	38.6	29.8	44.8
170	27.6	23.2	34.8



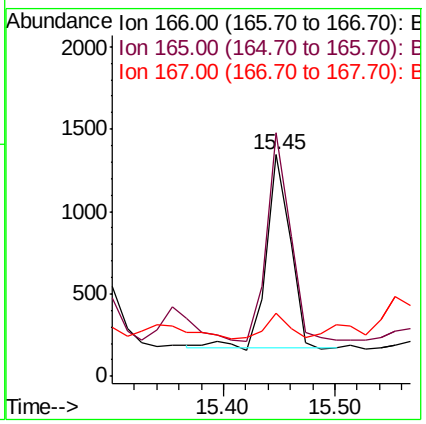


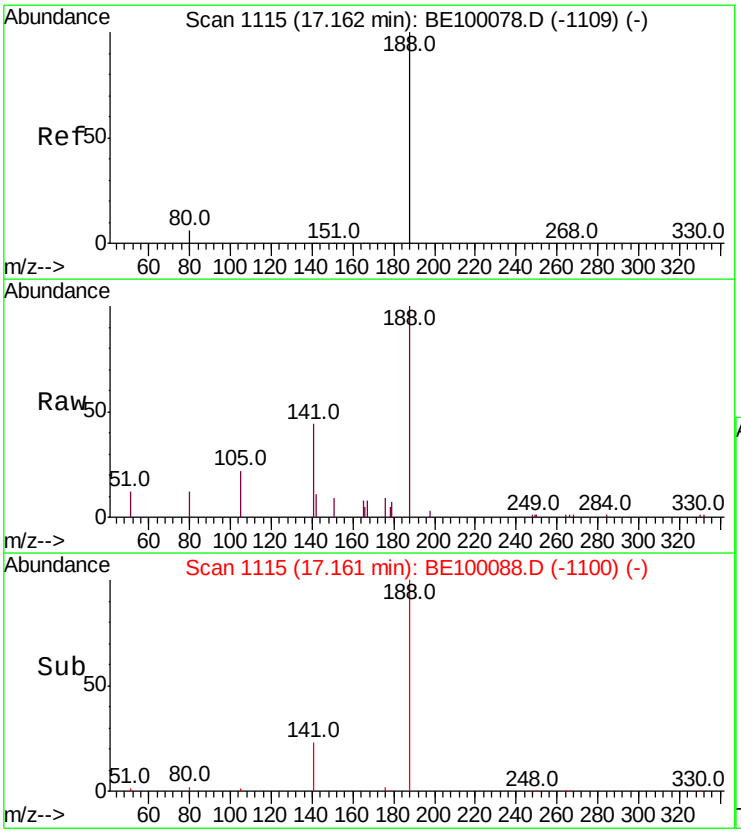
#18
Fluorene
Concen: 0.081 ng
RT: 15.45 min Scan# 987
Delta R.T. -0.01 min
Lab File: BE100088.D
Acq: 19 Jun 2019 18:38

Instrument :
BNA_E
ClientSampleId :
LF001MW001-190610

Tgt Ion:166 Resp: 1721

Ion	Ratio	Lower	Upper
166	100		
165	106.8	79.8	119.8
167	12.7	10.2	15.4

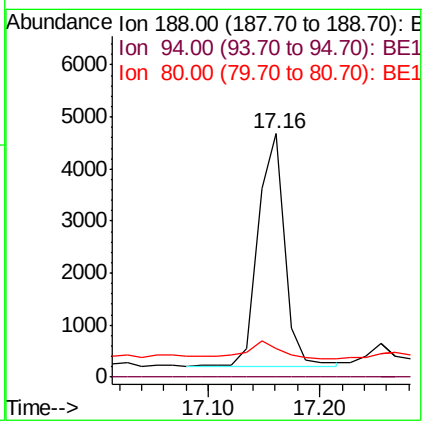


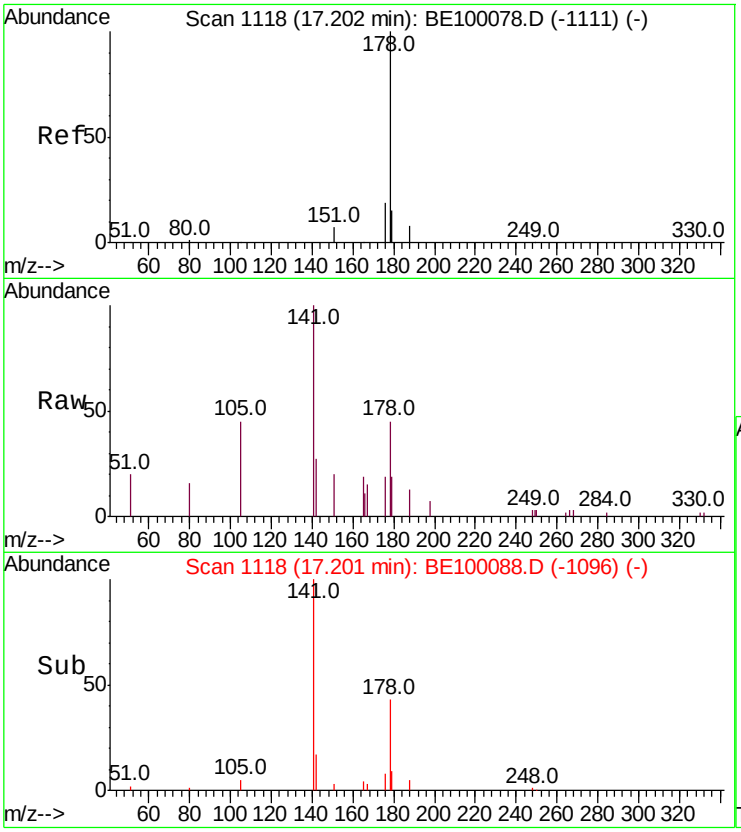


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.16 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE100088.D
Acq: 19 Jun 2019 18:38

Tgt Ion:188 Resp: 7512

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.6	6.3	9.5#



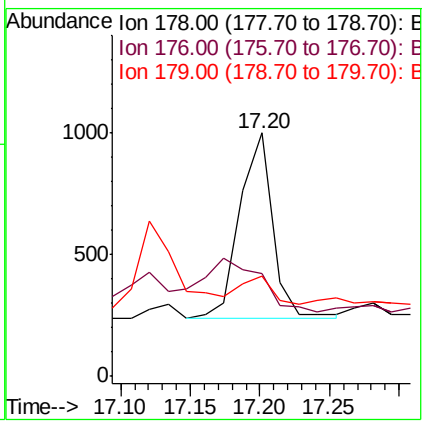


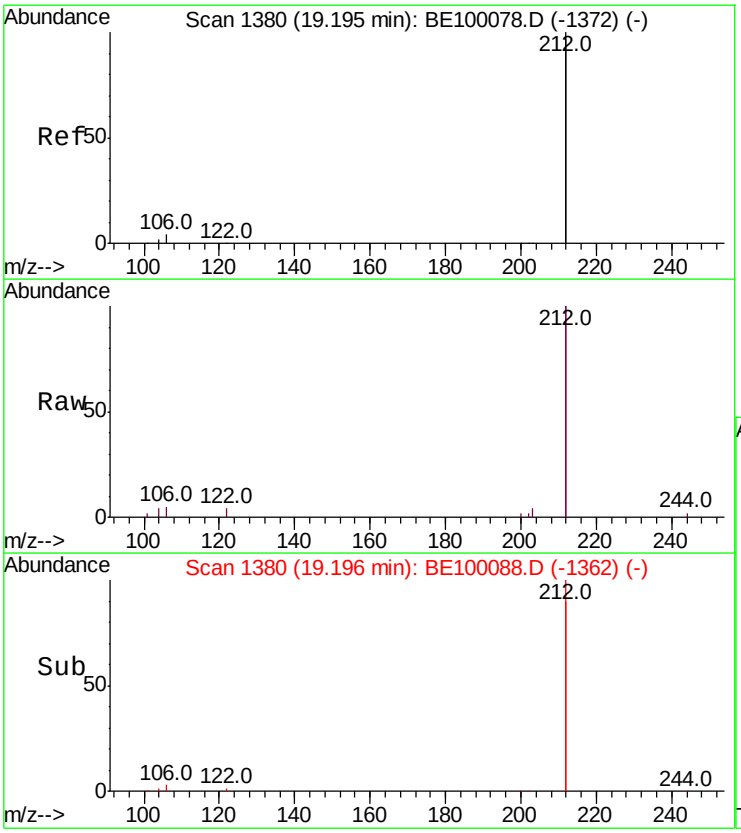
#23
Phenanthrene
Concen: 0.070 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE100088.D
Acq: 19 Jun 2019 18:38

Instrument : BNA_E
ClientSampleId : LF001MW001-190610

Tgt Ion:178 Resp: 1267

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.9	23.9#
179	14.5	13.1	19.7

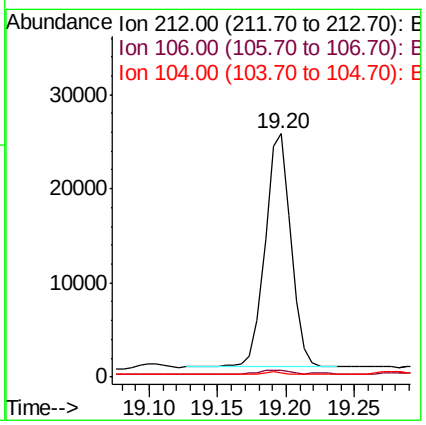


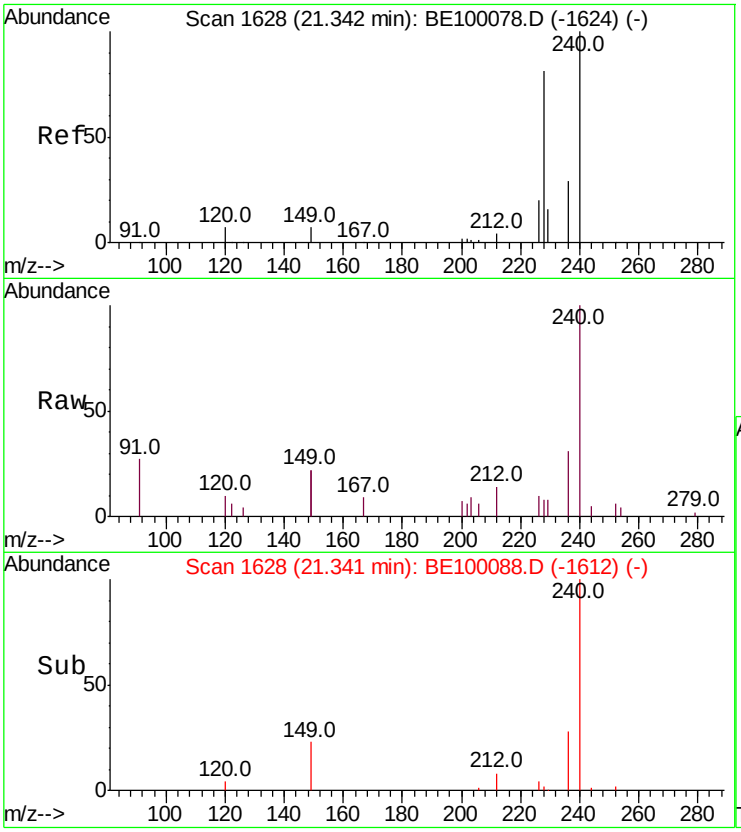


#25
Fluoranthene-d10
Concen: 0.304 ng
RT: 19.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BE100088.D
Acq: 19 Jun 2019 18:38

Tgt Ion:212 Resp: 32597

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



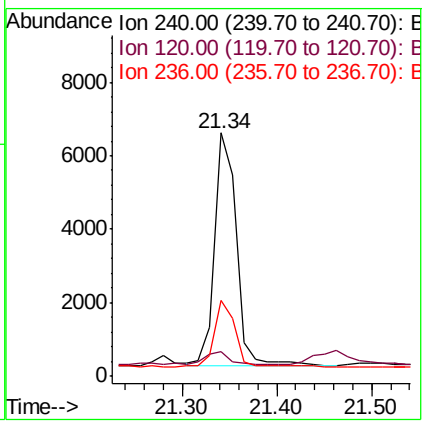


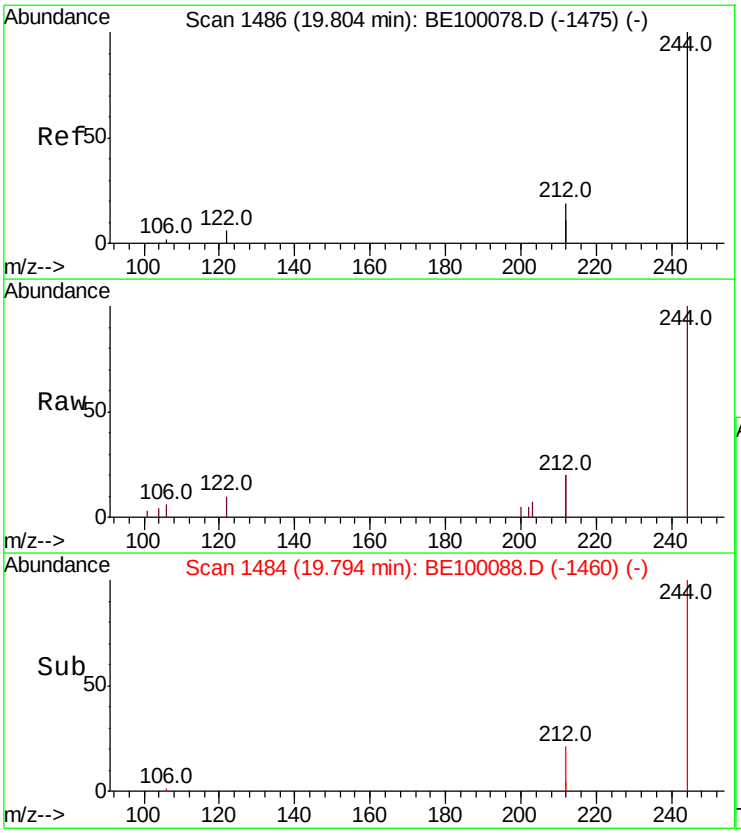
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.00 min
Lab File: BE100088.D
Acq: 19 Jun 2019 18:38

Instrument :
BNA_E
ClientSampleId :
LF001MW001-190610

Tgt Ion:240 Resp: 10041

Ion	Ratio	Lower	Upper
240	100		
120	10.3	6.6	10.0#
236	31.1	23.8	35.6

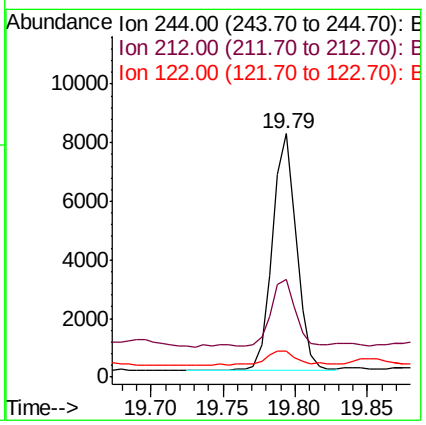


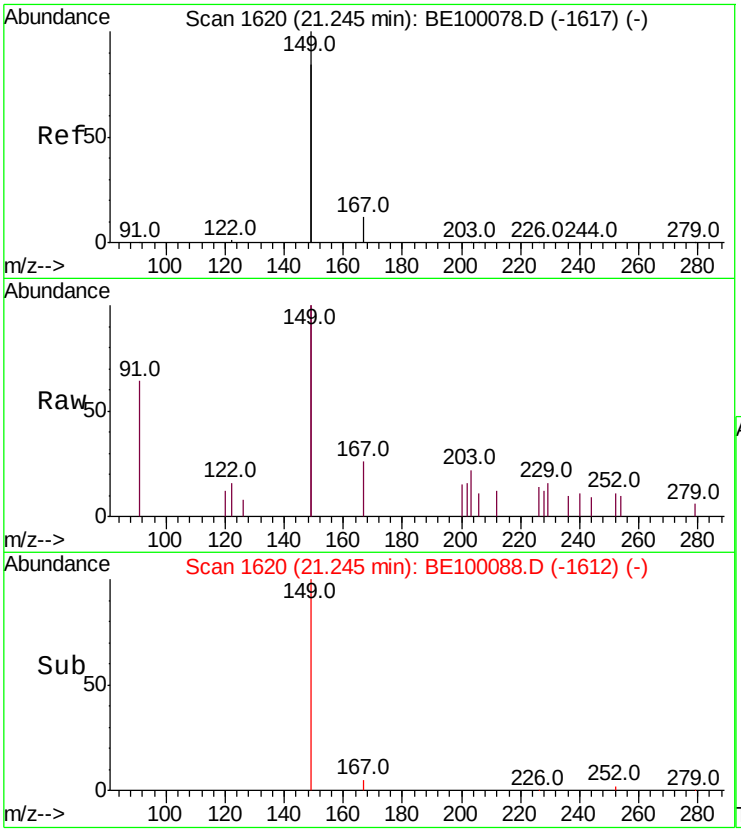


#29
Terphenyl-d14
Concen: 0.472 ng
RT: 19.79 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BE100088.D
Acq: 19 Jun 2019 18:38

Tgt Ion:244 Resp: 9476

Ion	Ratio	Lower	Upper
244	100		
212	40.1	29.8	44.8
122	10.4	6.1	9.1#



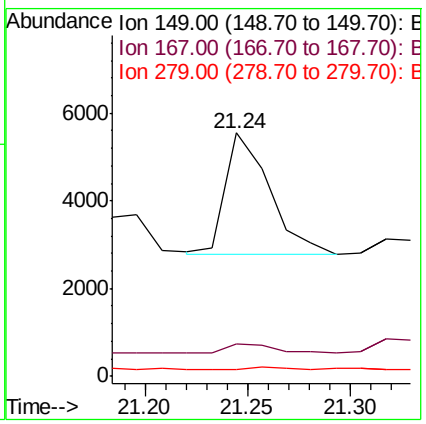


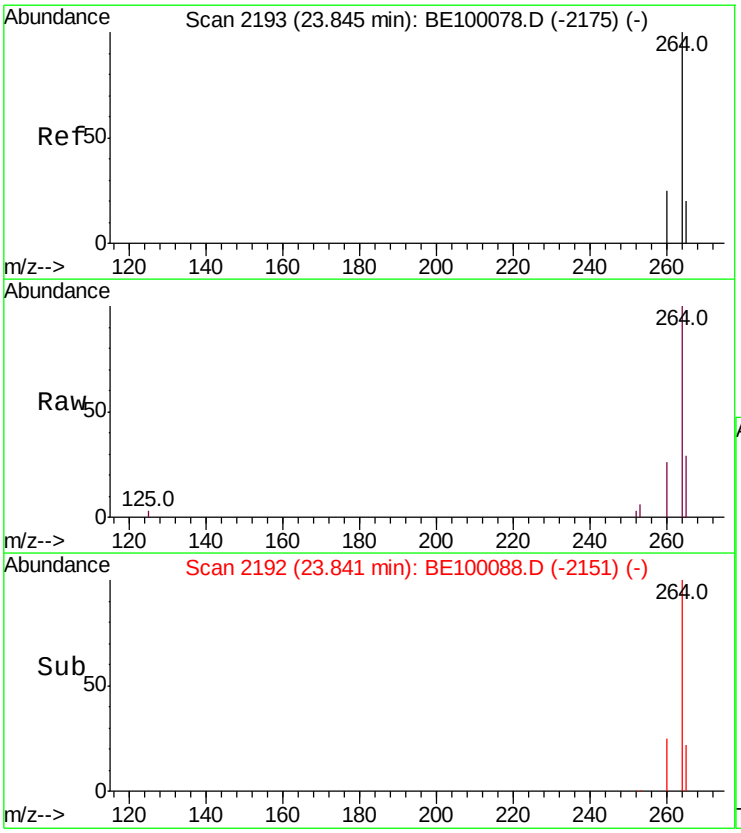
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.146 ng
RT: 21.24 min Scan# 1620
Delta R.T. -0.00 min
Lab File: BE100088.D
Acq: 19 Jun 2019 18:38

Instrument :
BNA_E
ClientSampleId :
LF001MW001-190610

Tgt Ion:149 Resp: 4126

Ion	Ratio	Lower	Upper
149	100		
167	8.5	5.8	8.6
279	1.6	1.1	1.7





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.84 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BE100088.D
Acq: 19 Jun 2019 18:38

Tgt Ion:264 Resp: 10584

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.8	31.2
265	29.4	23.2	34.8