Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE120519\
Data File : BE100788.D
Acq On : 5 Dec 2019 14:34
Operator : JU
Sample : K6024-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : TWP-6

Quant Time: Dec 05 15:43:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 04 17:18:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	6361	0.40	ng	-0.01
7) Naphthalene-d8	10.54	136	30125	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	20739	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	49503	0.40	ng	-0.01
27) Chrysene-d12	21.31	240	46178	0.40	ng	0.00
34) Perylene-d12	23.76	264	52417	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	4141	0.27	ng	0.00
5) Phenol-d6	6.93	99	4456	0.20	ng	0.00
8) Nitrobenzene-d5	8.90	82	6506	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	16381	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	3286	1.42	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	24249	0.29	ng	-0.01
25) Fluoranthene-d10	19.16	212	217803	0.37	ng	0.00
29) Terphenyl-d14	19.76	244	45182	0.41	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	1025	0.088	ng	# 1
9) Naphthalene	10.59	128	9294	0.029	ng	# 95
12) 2-Methylnaphthalene	12.21	142	1648	0.033	ng	# 78
22) Pentachlorophenol	16.79	266	158	0.087	ng	88
24) Anthracene	17.25	178	4632	0.037	ng	# 39
32) Bis(2-ethylhexyl)phthalate	21.25	149	41386	0.433	ng	# 97

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

Quantitation Report (Not Reviewed)

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Acq On : 5 Dec 2019 14:34
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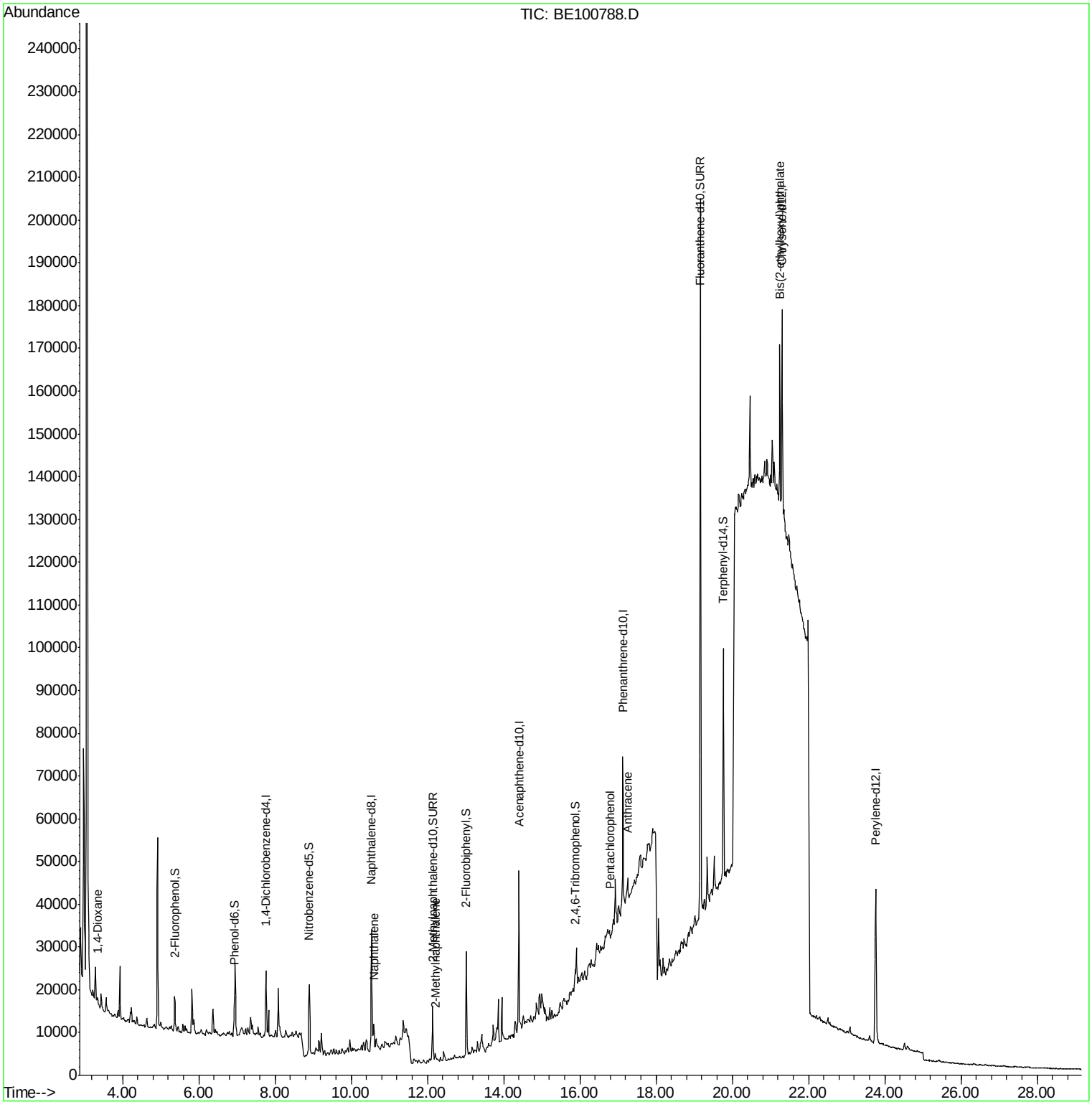
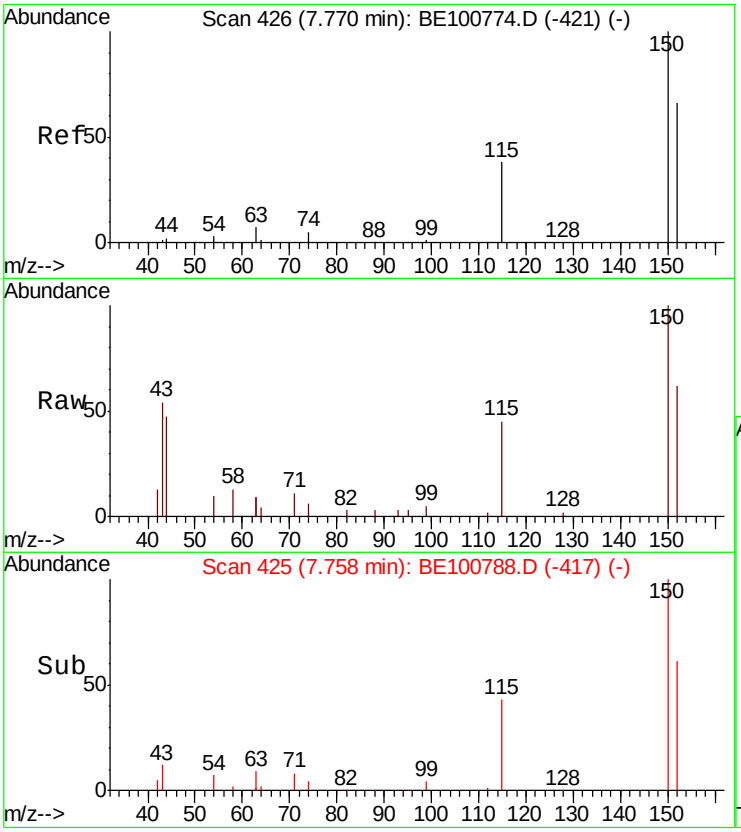
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 04 17:18:11 2019
Response via : Initial Calibration



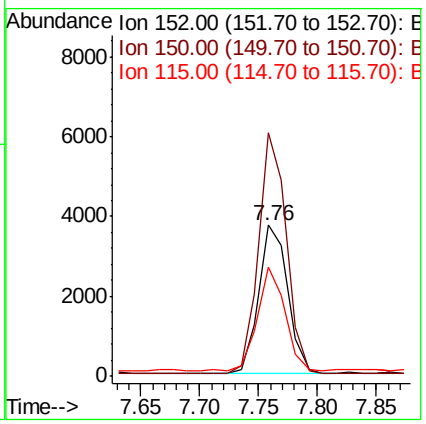


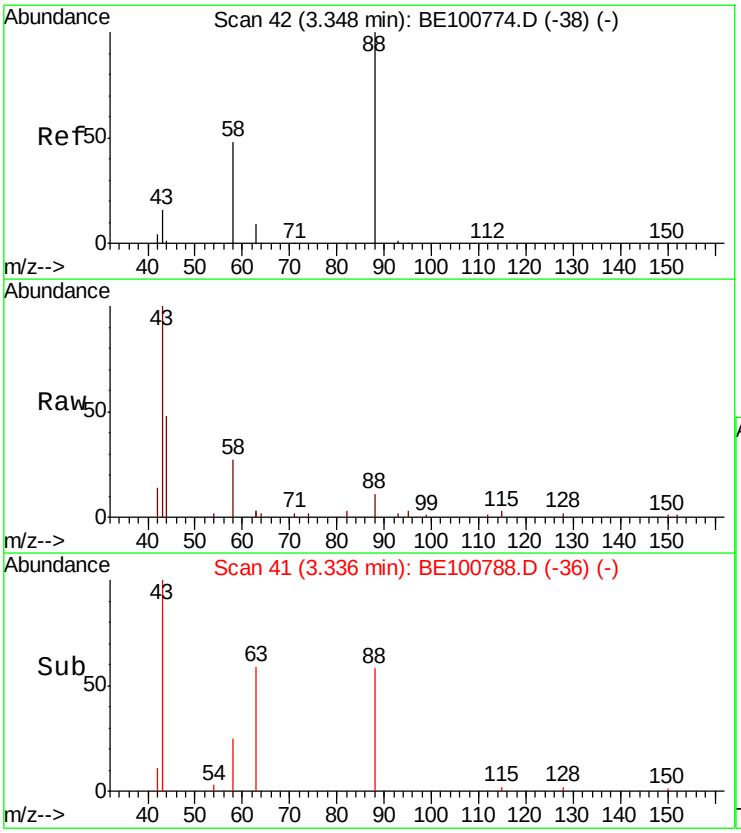
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. -0.01 min
Lab File: BE100788.D
Acq: 5 Dec 2019 14:34

Instrument :
BNA_E
ClientSampleId :
TWP-6

Tgt Ion:152 Resp: 6361

Ion	Ratio	Lower	Upper
152	100		
150	161.4	120.6	181.0
115	72.0	47.4	71.2#

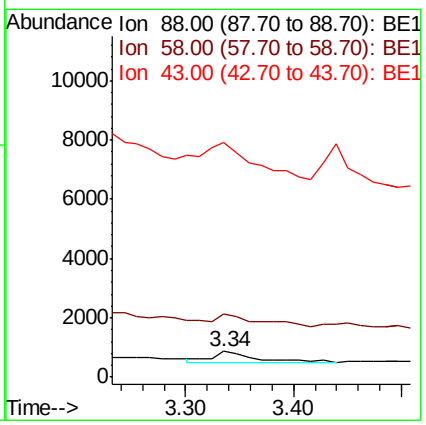


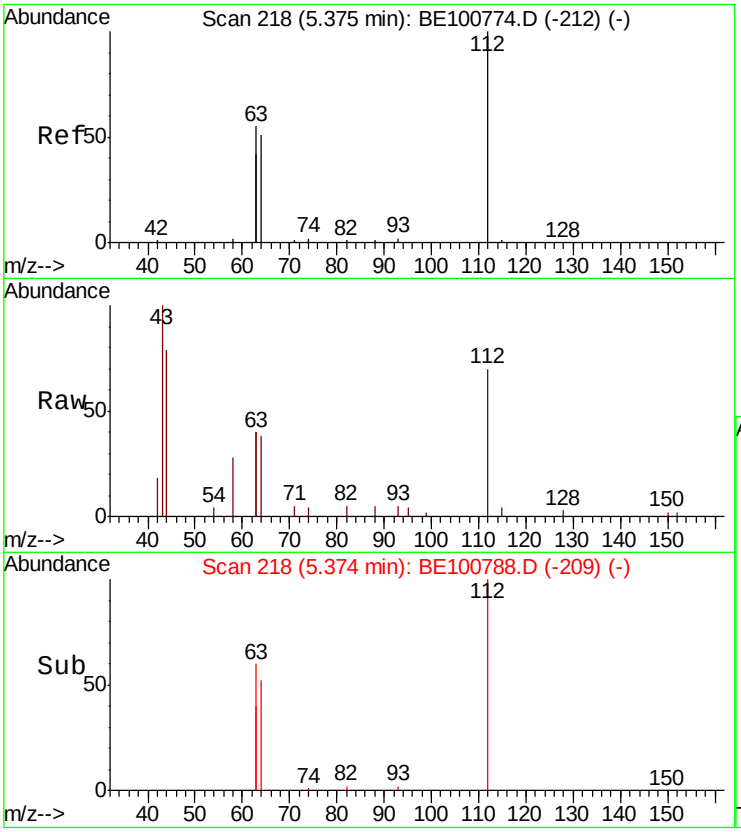


#2
1,4-Dioxane
Concen: 0.088 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE100788.D
Acq: 5 Dec 2019 14:34

Tgt Ion: 88 Resp: 1025

Ion	Ratio	Lower	Upper
88	100		
58	93.3	52.5	78.7#
43	318.8	23.0	34.6#



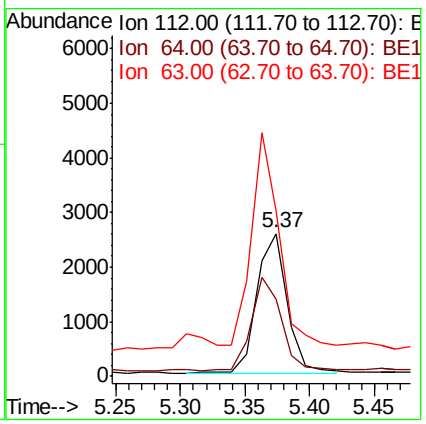


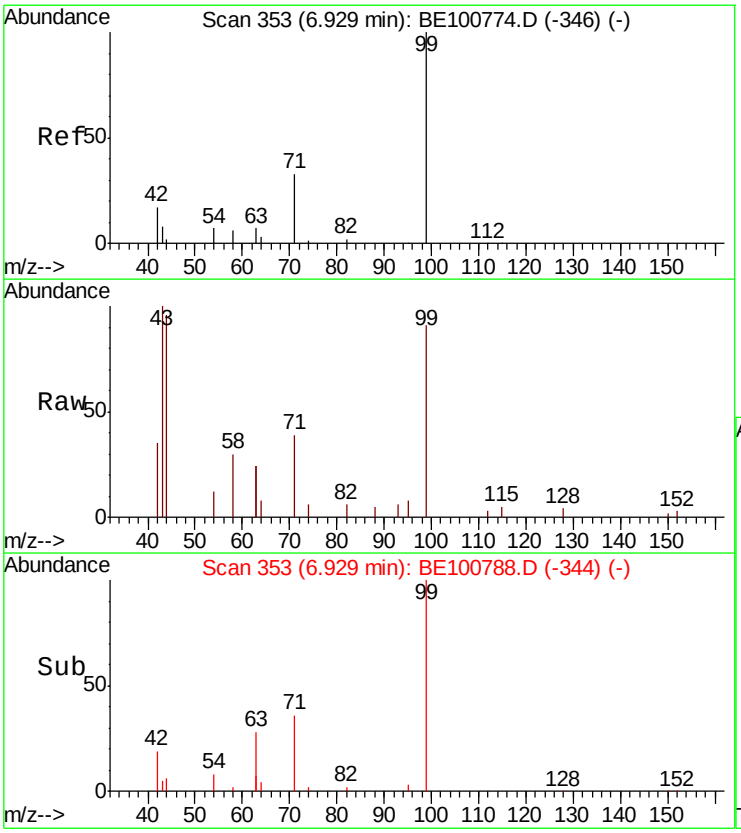
#4
2-Fluorophenol
Concen: 0.274 ng
RT: 5.37 min Scan# 218
Delta R.T. -0.00 min
Lab File: BE100788.D
Acq: 5 Dec 2019 14:34

Instrument :
BNA_E
ClientSampleId :
TWP-6

Tgt Ion:112 Resp: 4141

Ion	Ratio	Lower	Upper
112	100		
64	65.8	54.1	81.1
63	138.9	113.2	169.8

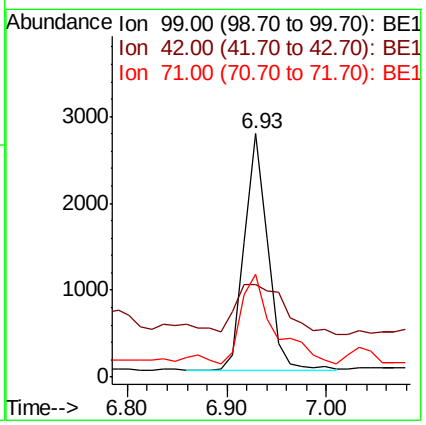


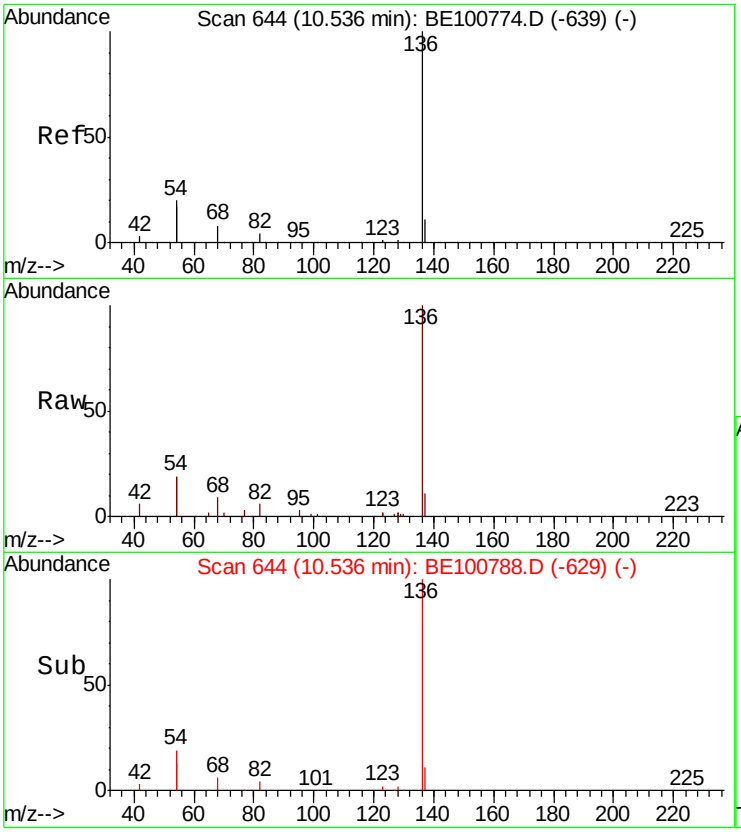


#5
Phenol-d6
Concen: 0.196 ng
RT: 6.93 min Scan# 353
Delta R.T. -0.00 min
Lab File: BE100788.D
Acq: 5 Dec 2019 14:34

Tgt Ion: 99 Resp: 4456

Ion	Ratio	Lower	Upper
99	100		
42	43.4	19.1	28.7#
71	53.7	27.7	41.5#



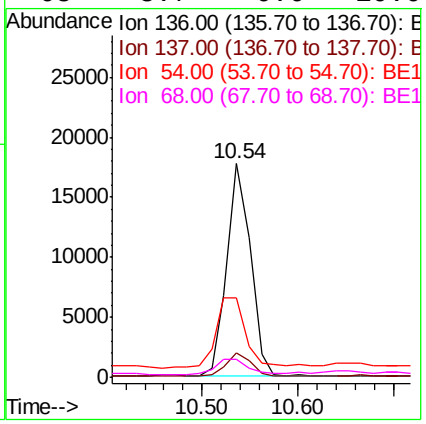


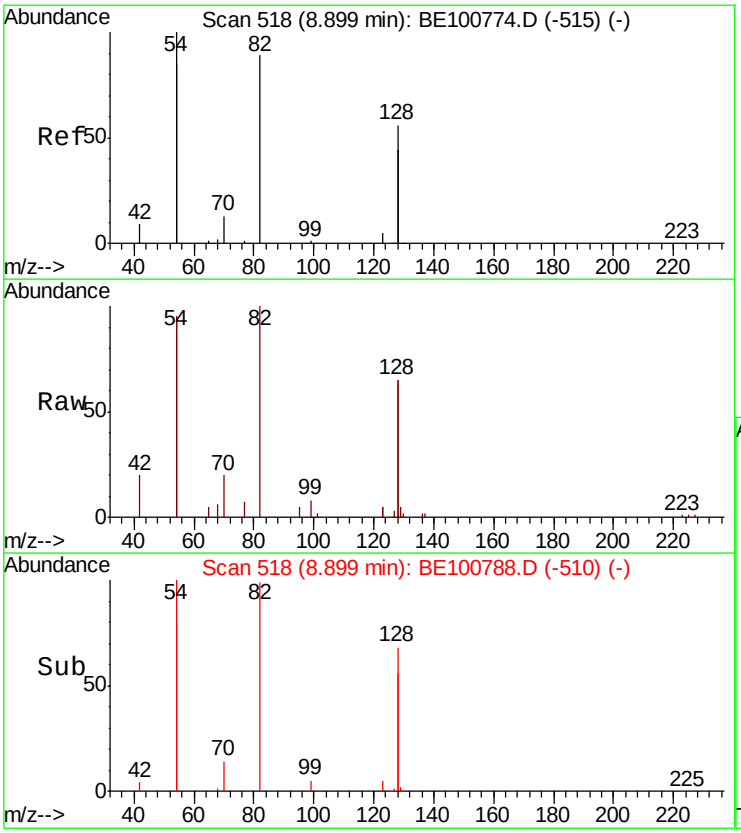
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.54 min Scan# 644
Delta R.T. -0.00 min
Lab File: BE100788.D
Acq: 5 Dec 2019 14:34

Instrument :
BNA_E
ClientSampleId :
TWP-6

Tgt Ion:136 Resp: 30125

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.4	14.0
54	37.2	31.1	46.7
68	8.7	6.6	10.0

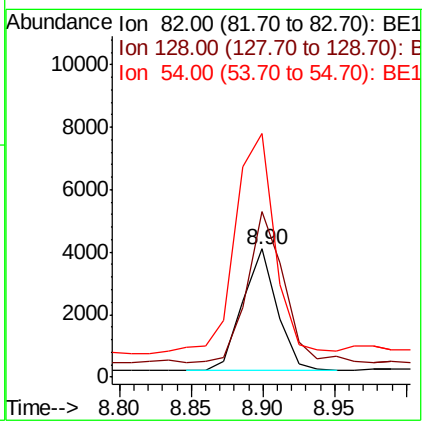


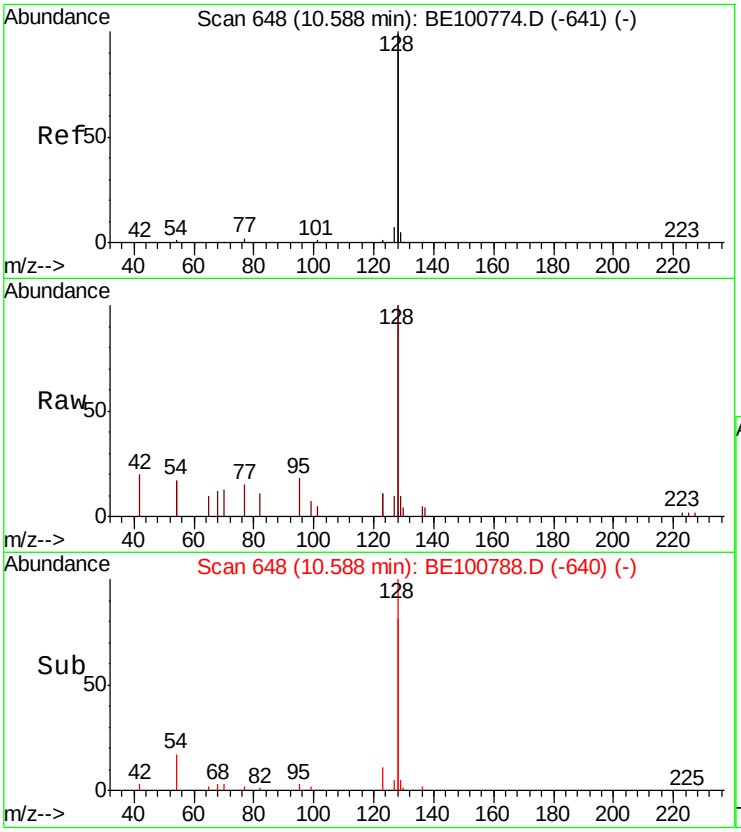


#8
Nitrobenzene-d5
Concen: 0.454 ng
RT: 8.90 min Scan# 518
Delta R.T. -0.00 min
Lab File: BE100788.D
Acq: 5 Dec 2019 14:34

Tgt Ion: 82 Resp: 6506

Ion	Ratio	Lower	Upper
82	100		
128	130.0	97.0	145.4
54	190.5	171.8	257.6



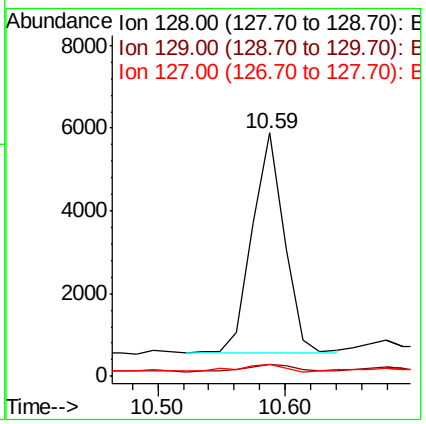


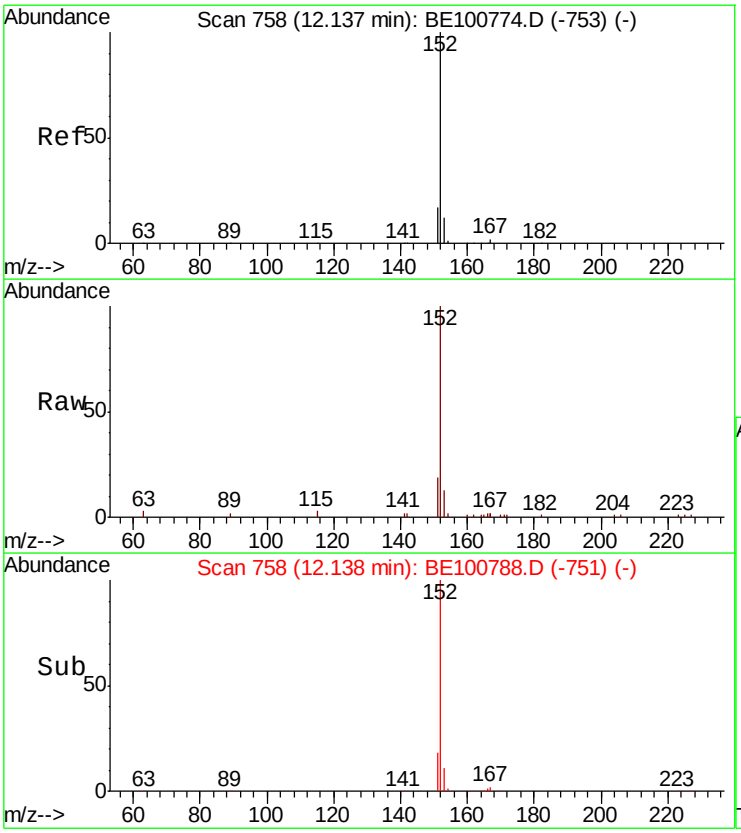
#9
Naphthalene
Concen: 0.029 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.00 min
Lab File: BE100788.D
Acq: 5 Dec 2019 14:34

Instrument :
BNA_E
ClientSampleId :
TWP-6

Tgt Ion:128 Resp: 9294

Ion	Ratio	Lower	Upper
128	100		
129	4.9	2.2	3.4#
127	4.9	2.7	4.1#

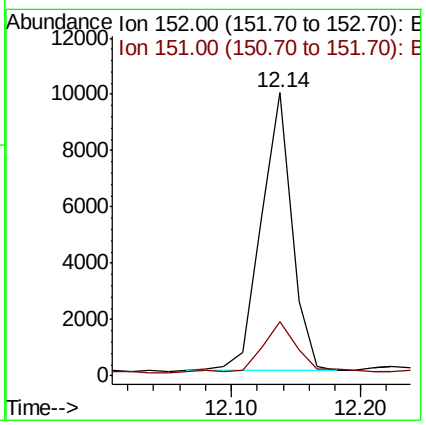


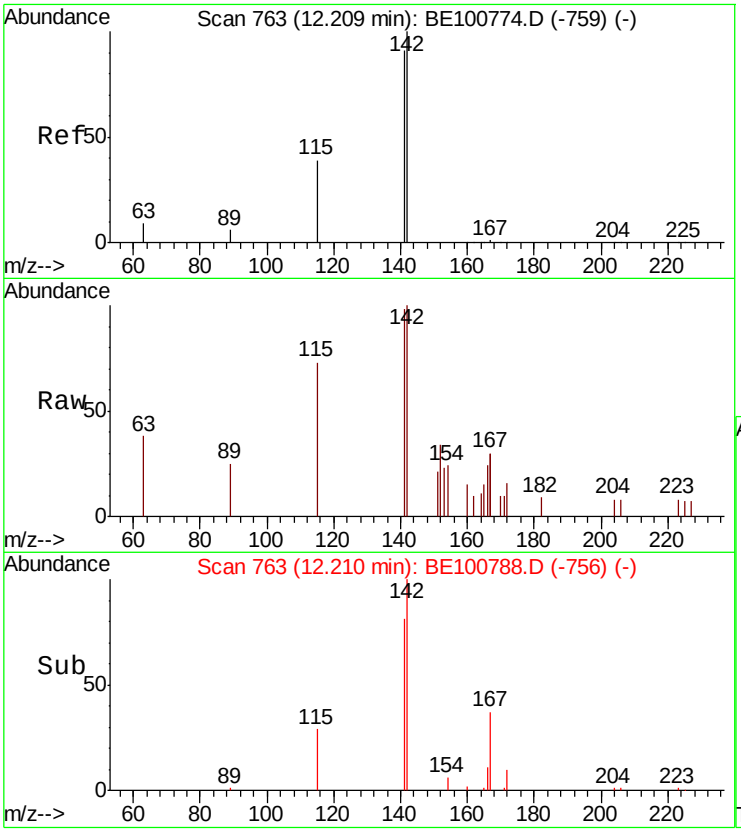


#11
2-Methylnaphthalene-d10
Concen: 0.375 ng
RT: 12.14 min Scan# 758
Delta R.T. 0.00 min
Lab File: BE100788.D
Acq: 5 Dec 2019 14:34

Tgt Ion:152 Resp: 16381

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.8	23.8



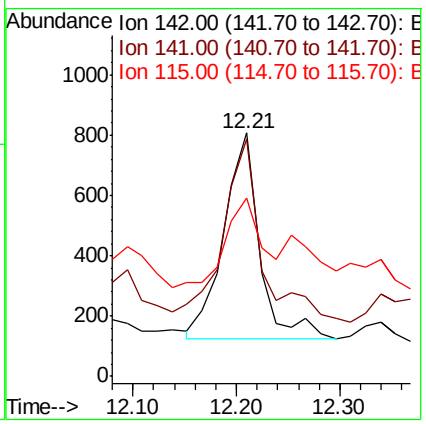


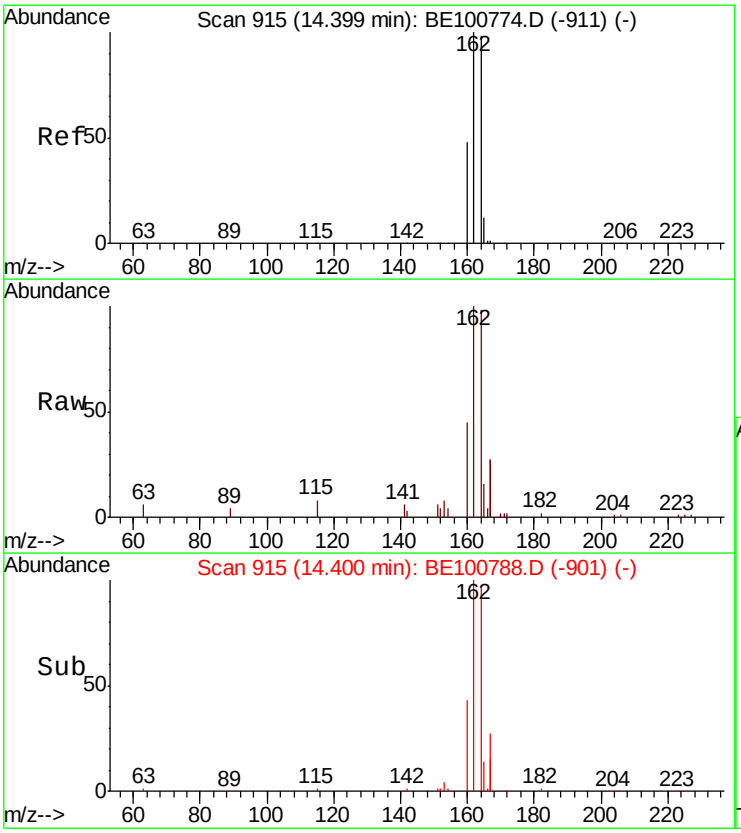
#12
2-Methylnaphthalene
Concen: 0.033 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.00 min
Lab File: BE100788.D
Acq: 5 Dec 2019 14:34

Instrument :
BNA_E
ClientSampleId :
TWP-6

Tgt Ion:142 Resp: 1648

Ion	Ratio	Lower	Upper
142	100		
141	97.6	72.6	108.8
115	73.2	31.8	47.6#

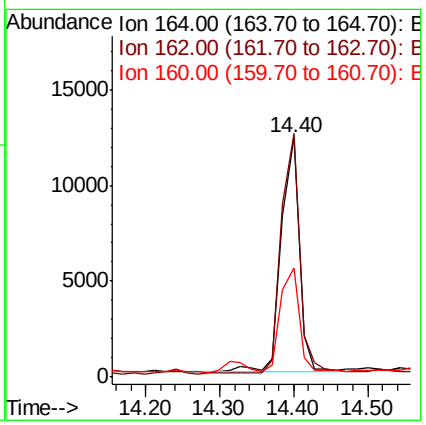


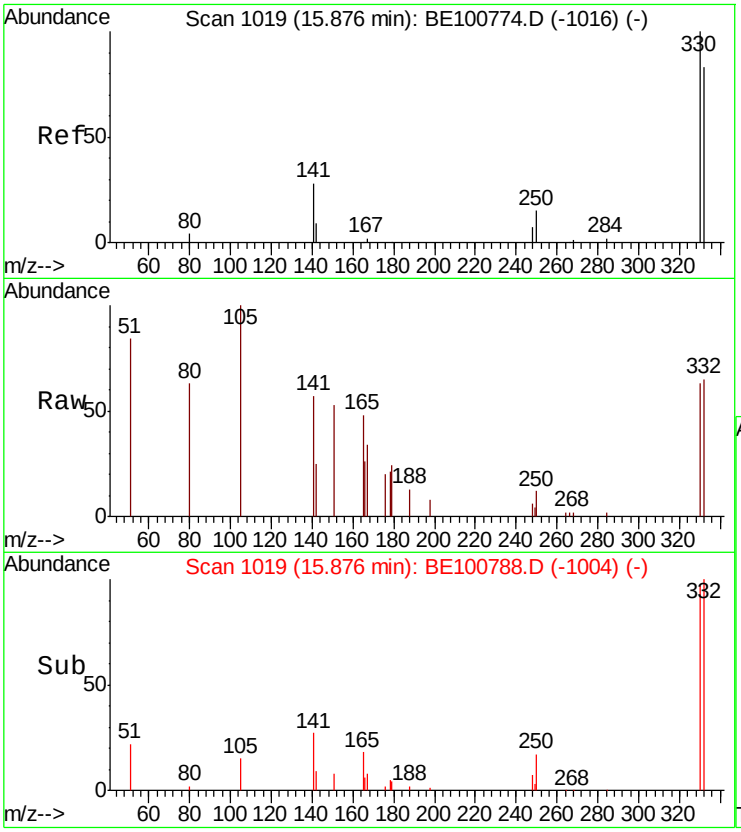


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. 0.00 min
Lab File: BE100788.D
Acq: 5 Dec 2019 14:34

Tgt Ion:164 Resp: 20739

Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.4	122.0
160	45.8	39.4	59.0



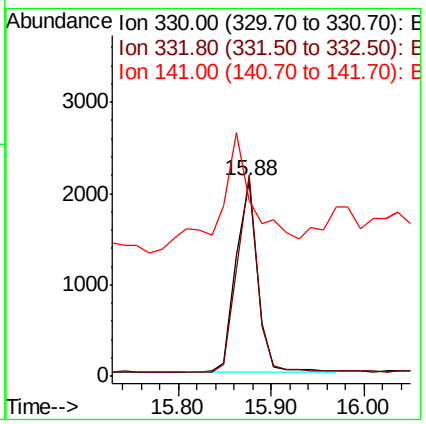


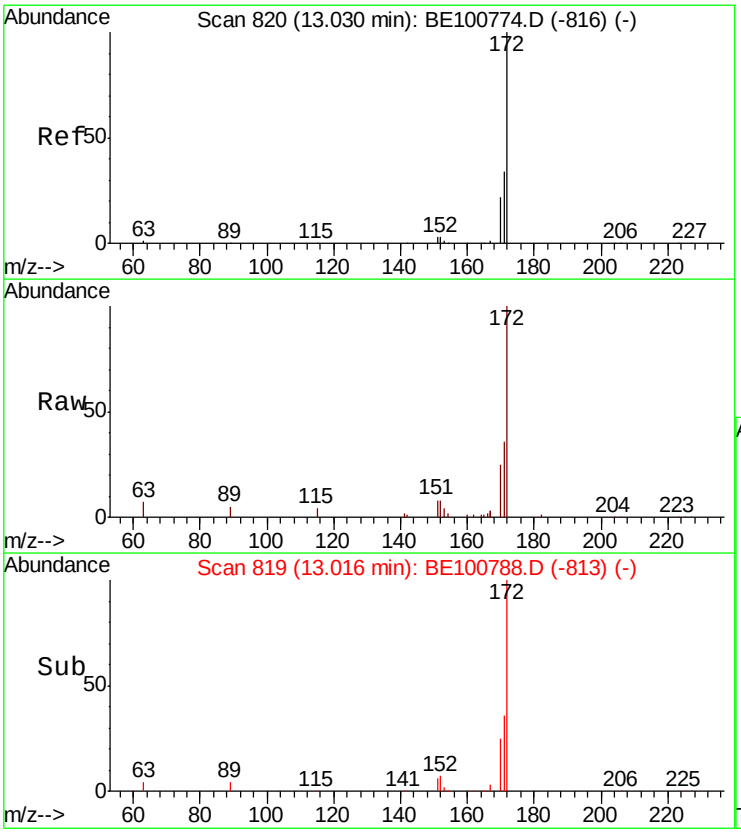
#14
2,4,6-Tribromophenol
Concen: 1.425 ng
RT: 15.88 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BE100788.D
Acq: 5 Dec 2019 14:34

Instrument :
BNA_E
ClientSampleId :
TWP-6

Tgt Ion:330 Resp: 3286

Ion	Ratio	Lower	Upper
330	100		
332	98.1	69.4	104.2
141	107.0	51.1	76.7#

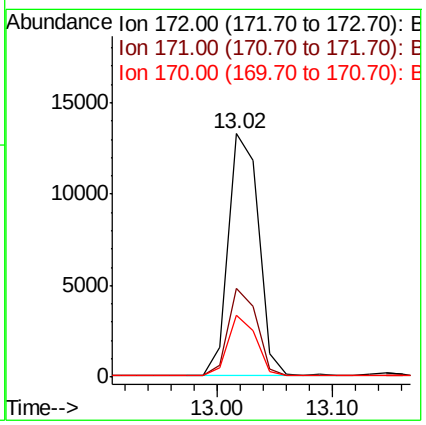


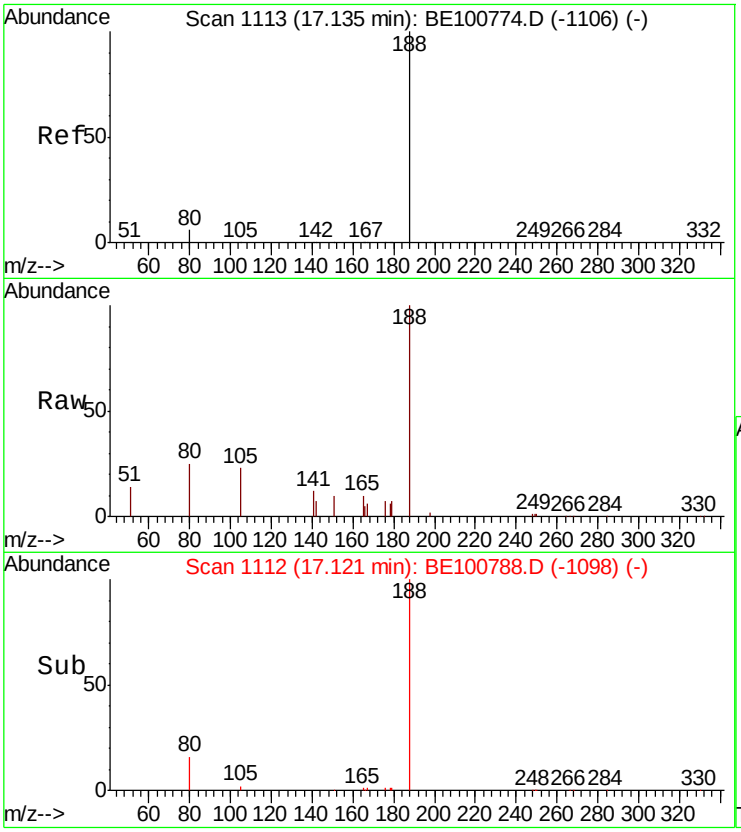


#15
2-Fluorobiphenyl
Concen: 0.295 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.01 min
Lab File: BE100788.D
Acq: 5 Dec 2019 14:34

Tgt Ion:172 Resp: 24249

Ion	Ratio	Lower	Upper
172	100		
171	36.4	27.2	40.8
170	25.3	18.0	27.0



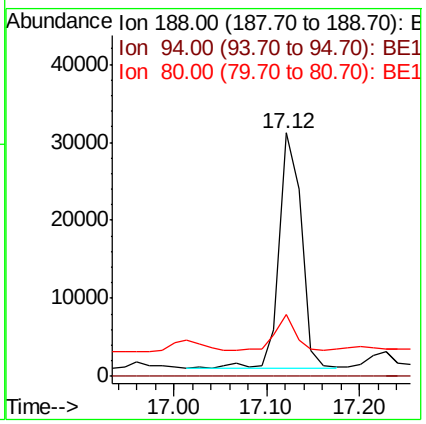


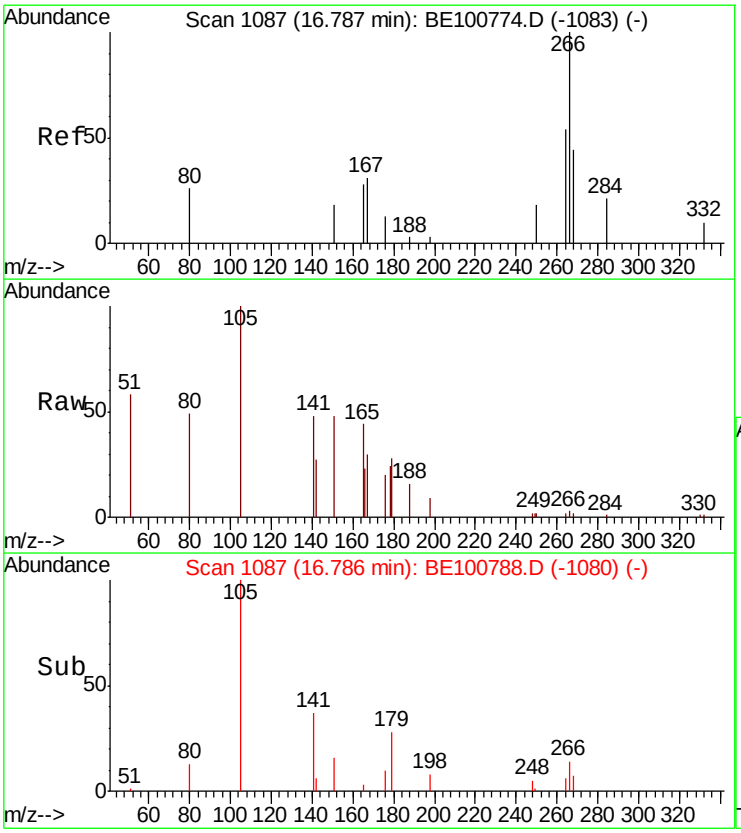
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BE100788.D
Acq: 5 Dec 2019 14:34

Instrument :
BNA_E
ClientSampleId :
TWP-6

Tgt Ion:188 Resp: 49503

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	25.2	5.2	7.8#

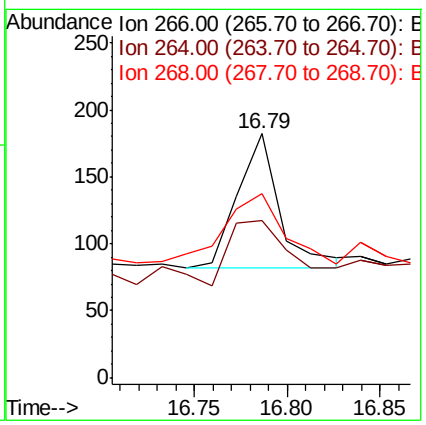


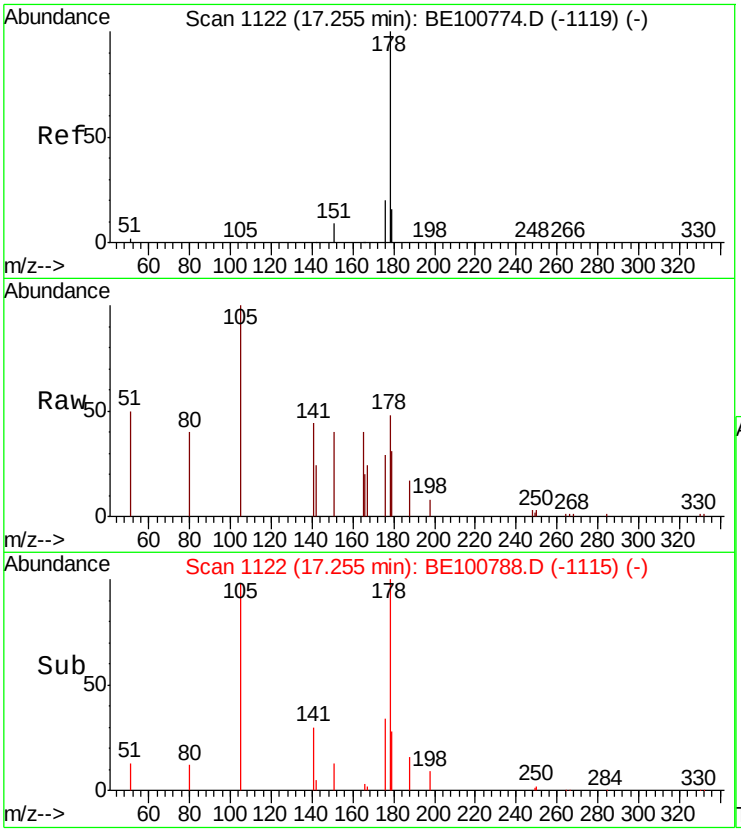


#22
Pentachlorophenol
Concen: 0.087 ng
RT: 16.79 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BE100788.D
Acq: 5 Dec 2019 14:34

Tgt Ion:266 Resp: 158

Ion	Ratio	Lower	Upper
266	100		
264	64.3	63.4	95.0
268	75.3	65.8	98.8



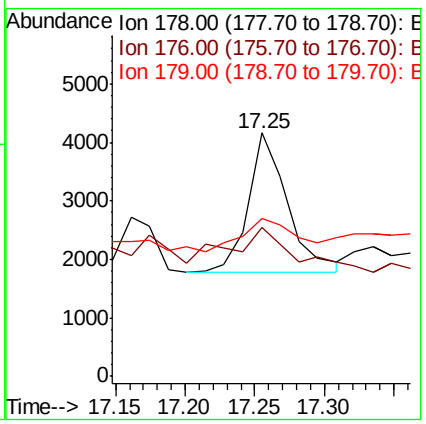


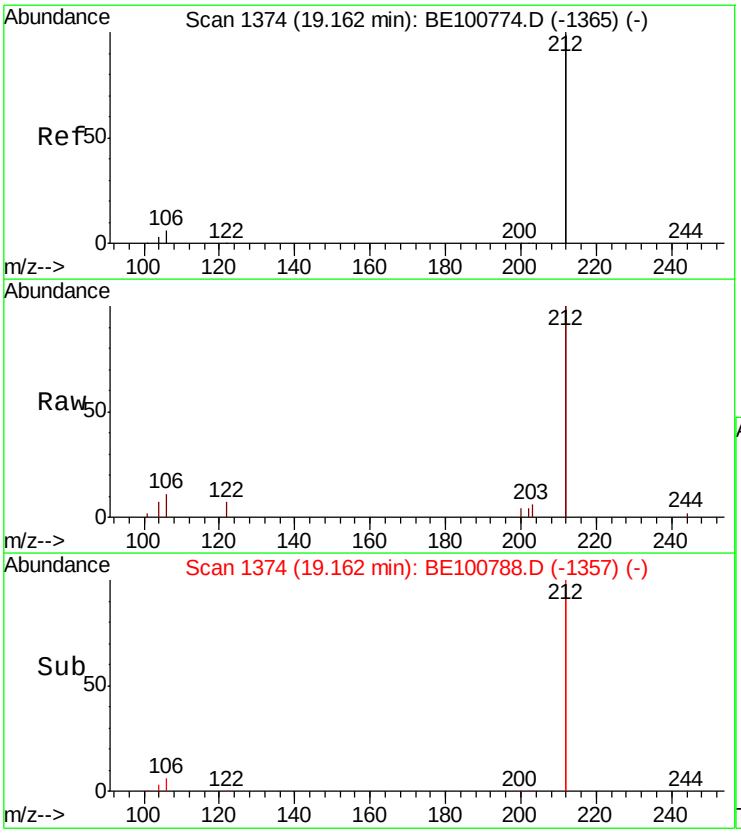
#24
Anthracene
Concen: 0.037 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE100788.D
Acq: 5 Dec 2019 14:34

Instrument :
BNA_E
ClientSampleId :
TWP-6

Tgt Ion:178 Resp: 4632

Ion	Ratio	Lower	Upper
178	100		
176	54.0	15.4	23.2#
179	33.3	12.7	19.1#

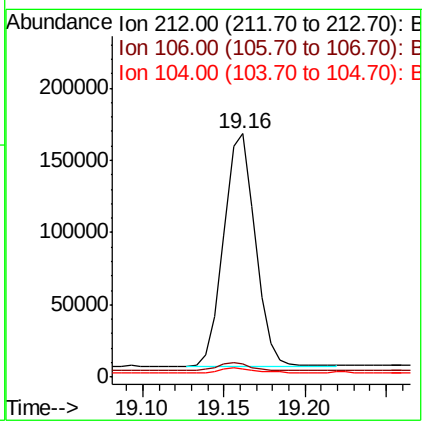


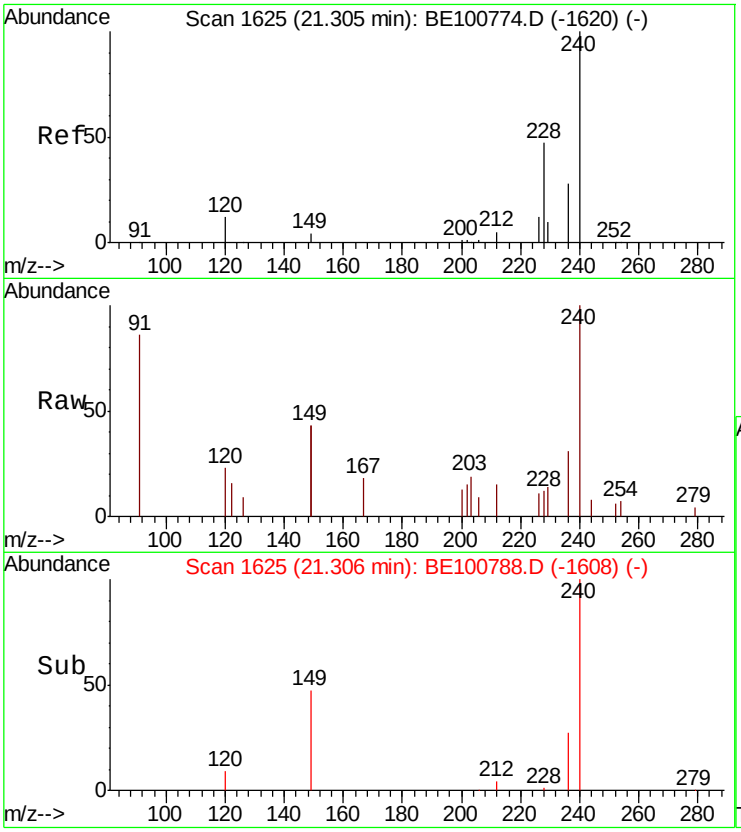


#25
Fluoranthene-d10
Concen: 0.372 ng
RT: 19.16 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE100788.D
Acq: 5 Dec 2019 14:34

Tgt Ion:212 Resp: 217803

Ion	Ratio	Lower	Upper
212	100		
106	3.8	2.6	3.8
104	2.2	1.4	2.2#



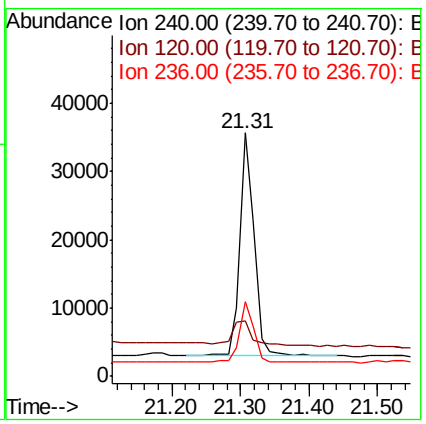


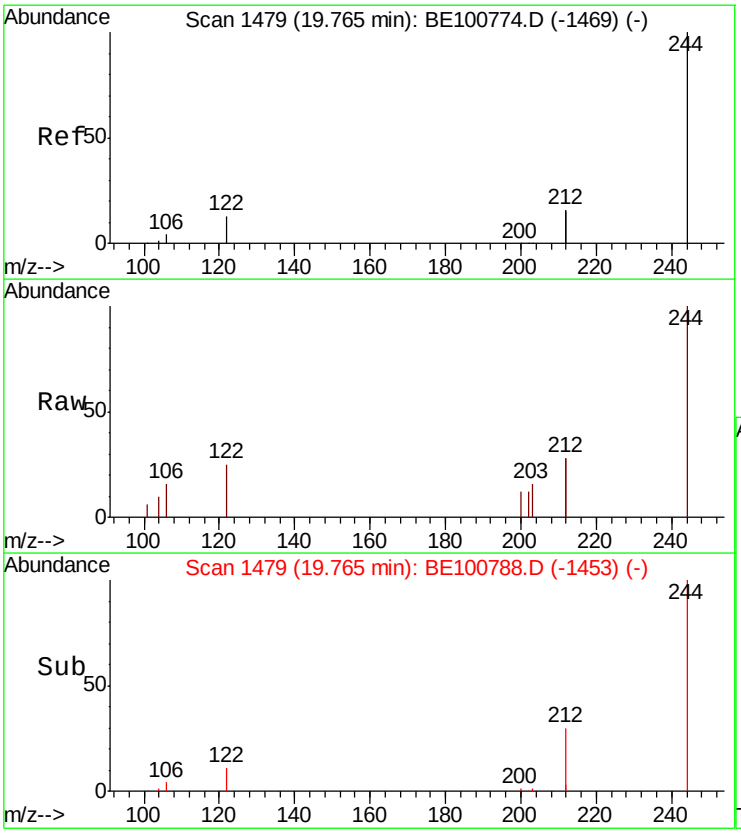
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.31 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE100788.D
Acq: 5 Dec 2019 14:34

Instrument :
BNA_E
ClientSampleId :
TWP-6

Tgt Ion:240 Resp: 46178

Ion	Ratio	Lower	Upper
240	100		
120	22.9	10.2	15.2#
236	30.8	22.3	33.5

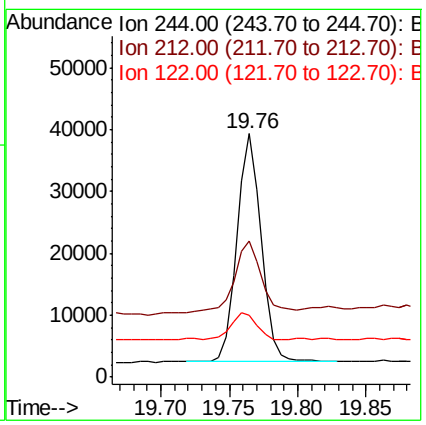


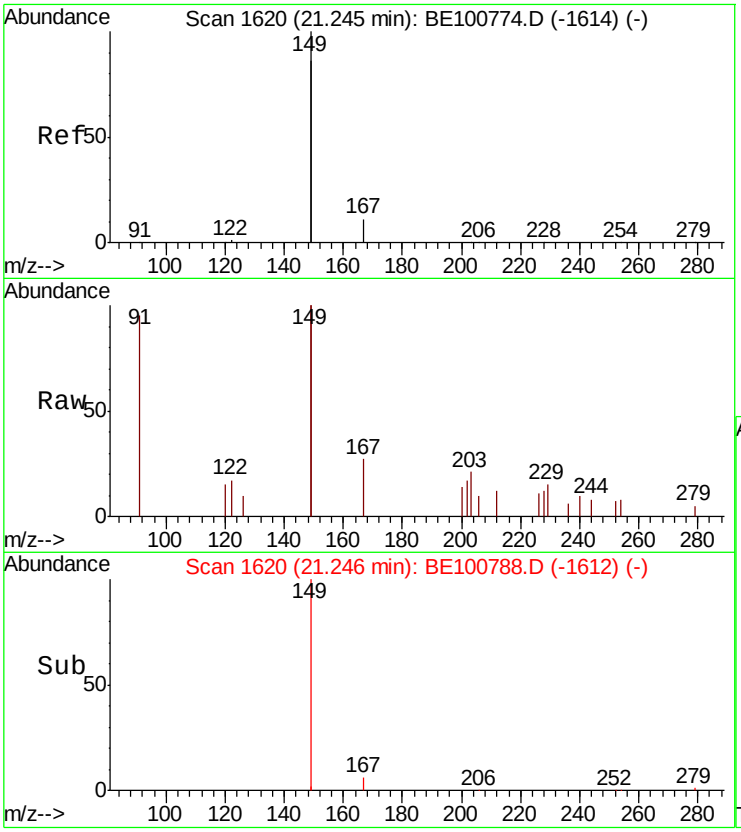


#29
Terphenyl-d14
Concen: 0.408 ng
RT: 19.76 min Scan# 1479
Delta R.T. -0.00 min
Lab File: BE100788.D
Acq: 5 Dec 2019 14:34

Tgt Ion:244 Resp: 45182

Ion	Ratio	Lower	Upper
244	100		
212	56.0	26.2	39.4#
122	25.5	10.2	15.4#



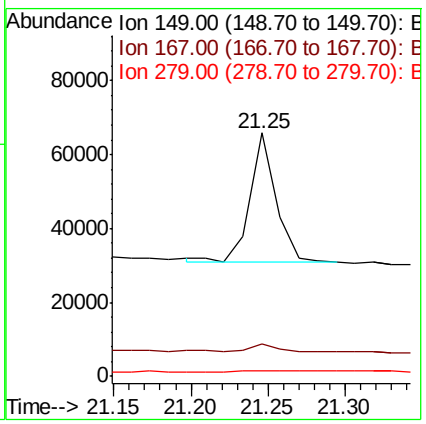


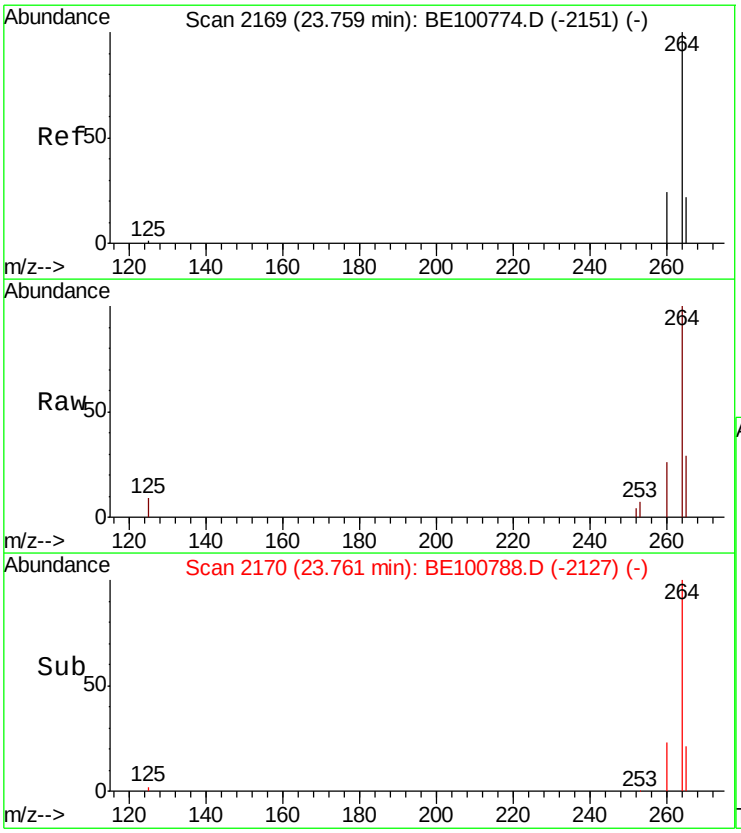
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.433 ng
RT: 21.25 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100788.D
Acq: 5 Dec 2019 14:34

Instrument :
BNA_E
ClientSampleId :
TWP-6

Tgt Ion:149 Resp: 41386

Ion	Ratio	Lower	Upper
149	100		
167	7.5	5.0	7.6
279	1.8	0.7	1.1#





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.76 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BE100788.D
Acq: 5 Dec 2019 14:34

Tgt Ion:264 Resp: 52417

Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.4	29.2
265	29.4	21.8	32.8