Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061419\
Data File : BE100018.D
Acq On : 14 Jun 2019 11:38
Operator : JU/SJ
Sample : K3284-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW10-20190609

Manual Integrations APPROVED
mohammad
6/17/2019 4:51:24 PM

Quant Time: Jun 15 01:33:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	900	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3276	0.40	ng	-0.01
13) Acenaphthene-d10	14.46	164	2671	0.40	ng	-0.01
19) Phenanthrene-d10	17.20	188	8064	0.40	ng	-0.01
27) Chrysene-d12	21.39	240	10138	0.40	ng	-0.01
34) Perylene-d12	23.92	264	11282	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	484	0.20	ng	0.00
5) Phenol-d6	6.96	99	280	0.09	ng	0.00
8) Nitrobenzene-d5	8.96	82	1297	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	2038	0.36	ng	-0.01
14) 2,4,6-Tribromophenol	15.96	330	846	0.43	ng	-0.01
15) 2-Fluorobiphenyl	13.07	172	4507	0.45	ng	-0.03
25) Fluoranthene-d10	19.24	212	45240	0.39	ng	-0.01
29) Terphenyl-d14	19.83	244	10886	0.60	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	104	0.078	ng	# 73
9) Naphthalene	10.64	128	1334	0.038	ng	# 78
12) 2-Methylnaphthalene	12.27	142	148	0.026	ng	# 38
17) Acenaphthene	14.54	154	175m	0.024	ng	
18) Fluorene	15.50	166	529	0.049	ng	# 85
32) Bis(2-ethylhexyl)phthalate	21.29	149	2744	0.063	ng	# 92

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061419\
Data File : BE100018.D
Acq On : 14 Jun 2019 11:38
Operator : JU/SJ
Sample : K3284-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 15 01:33:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW10-20190609

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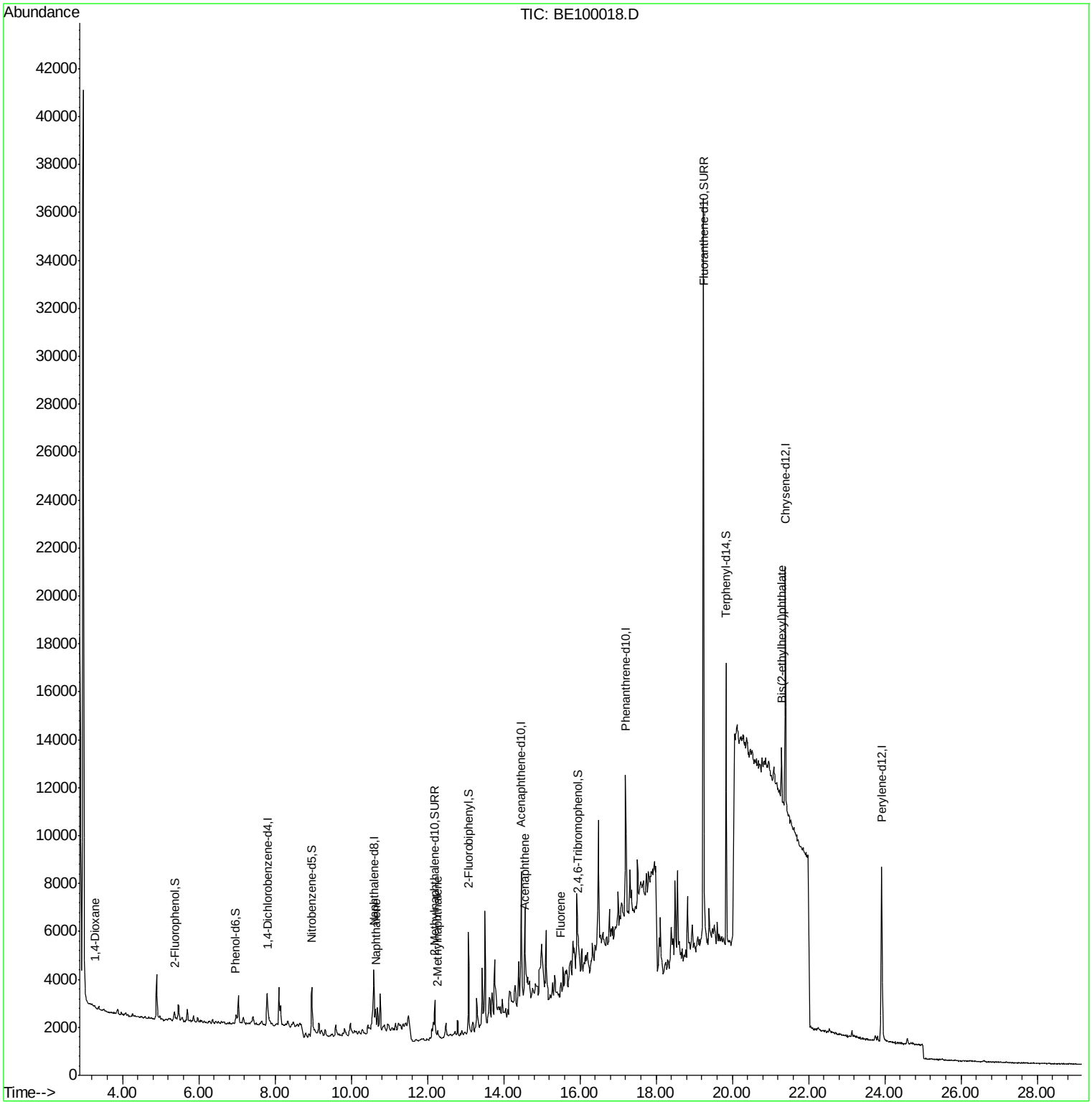
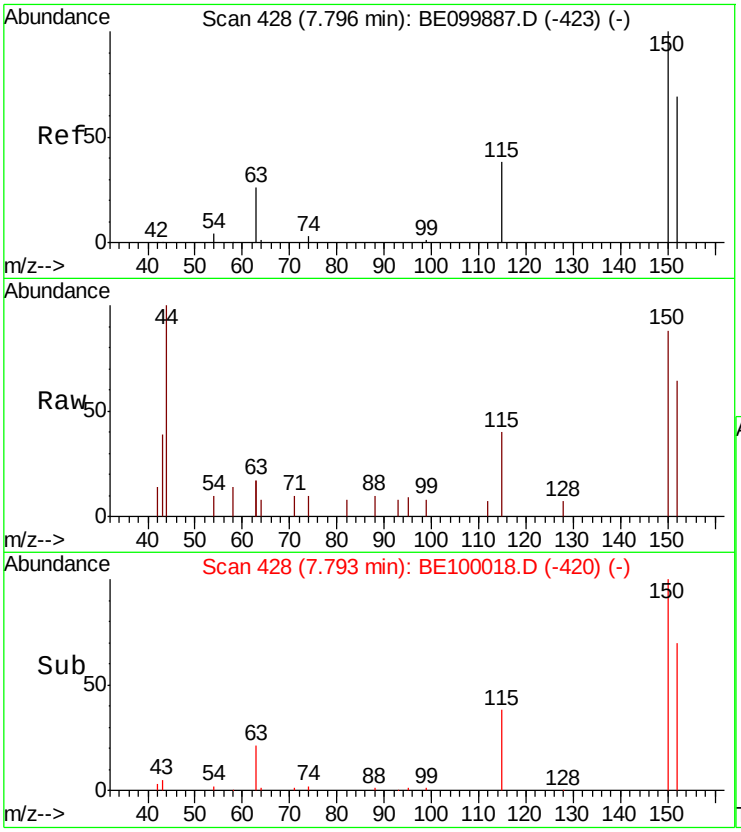
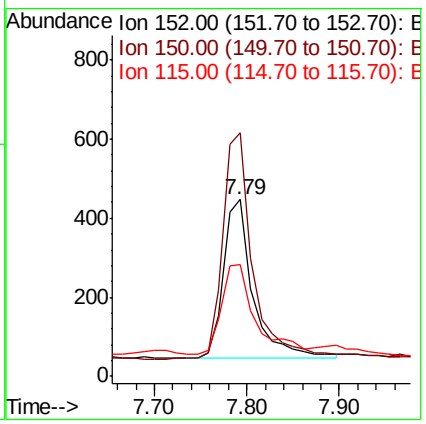




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE100018.D
Acq: 14 Jun 2019 11:38

Tgt Ion:152 Resp: 900

Ion	Ratio	Lower	Upper
152	100		
150	137.8	111.0	166.6
115	63.1	50.7	76.1



Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW10-20190609

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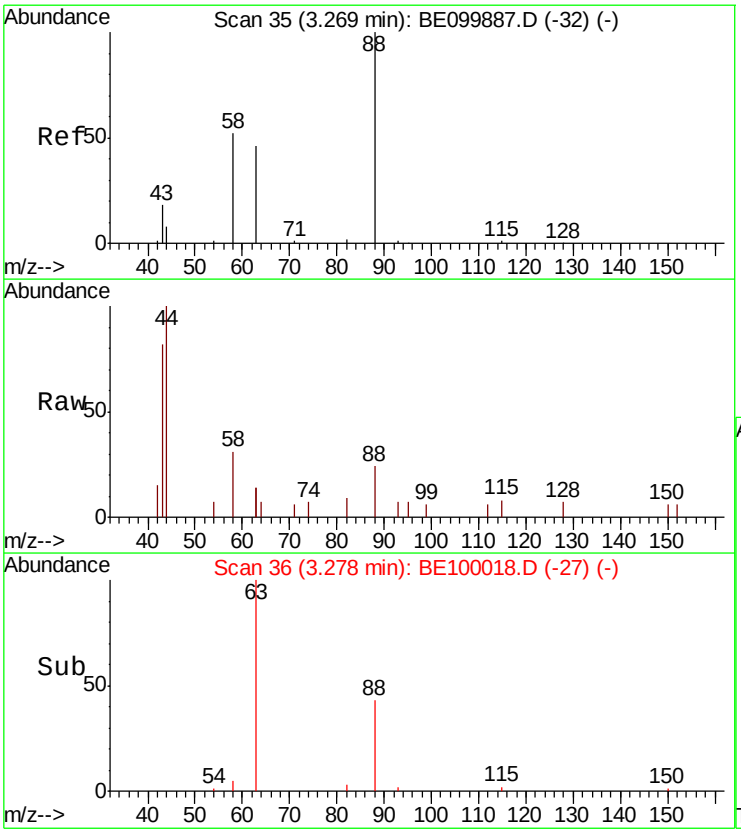
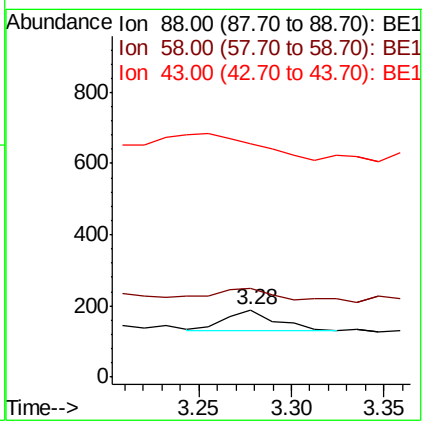
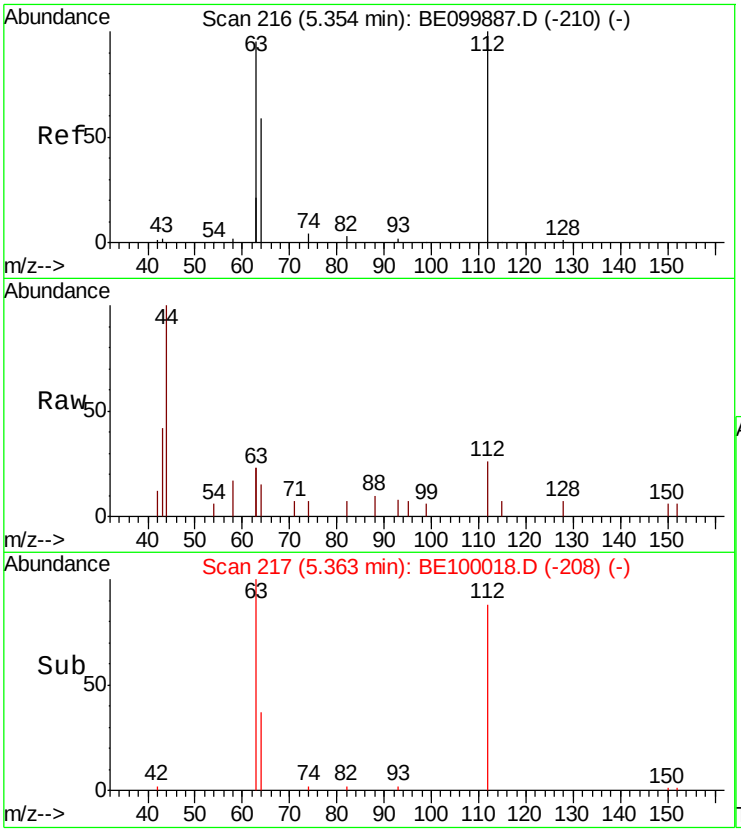


#2
1,4-Dioxane
Concen: 0.078 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.01 min
Lab File: BE100018.D
Acq: 14 Jun 2019 11:38

Tgt Ion: 88 Resp: 104

Ion	Ratio	Lower	Upper
88	100		
58	47.1	48.8	73.2#
43	0.0	19.0	28.6#





#4
2-Fluorophenol
Concen: 0.199 ng
RT: 5.36 min Scan# 217
Delta R.T. 0.01 min
Lab File: BE100018.D
Acq: 14 Jun 2019 11:38

Tgt Ion:112 Resp: 484

Ion	Ratio	Lower	Upper
112	100		
64	39.5	44.1	66.1#
63	96.3	87.8	131.6

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW10-20190609

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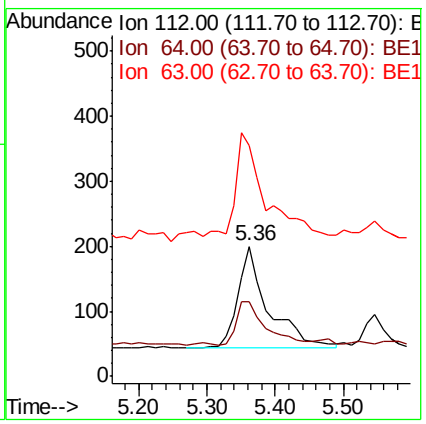
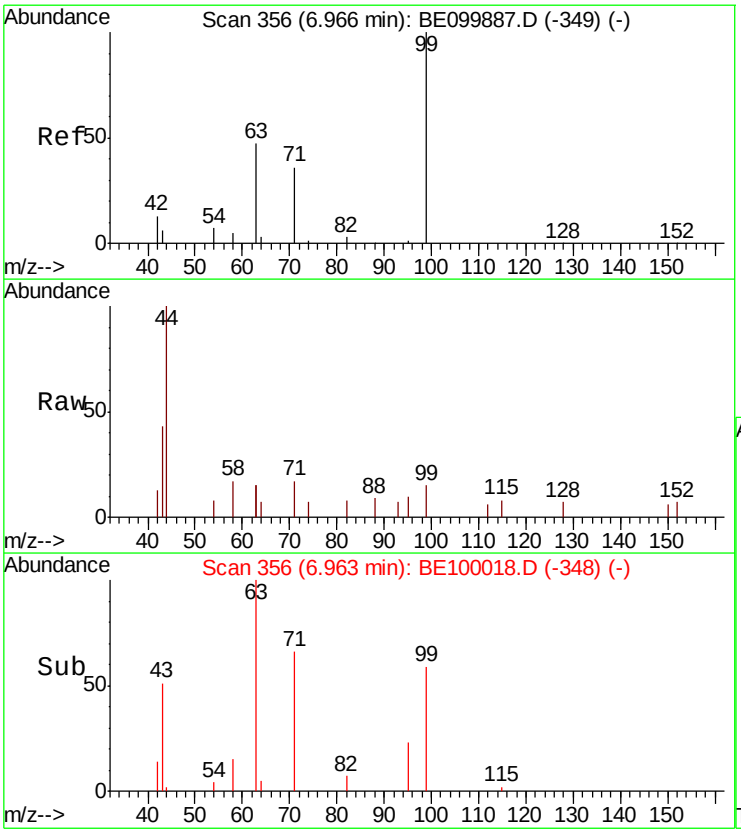
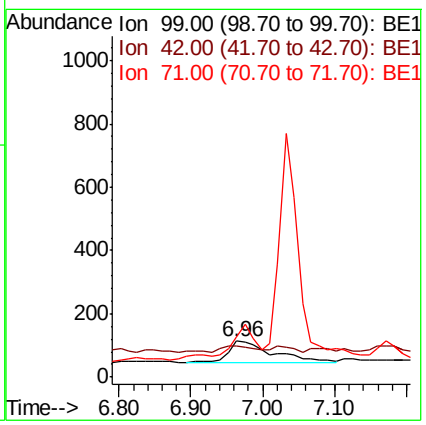


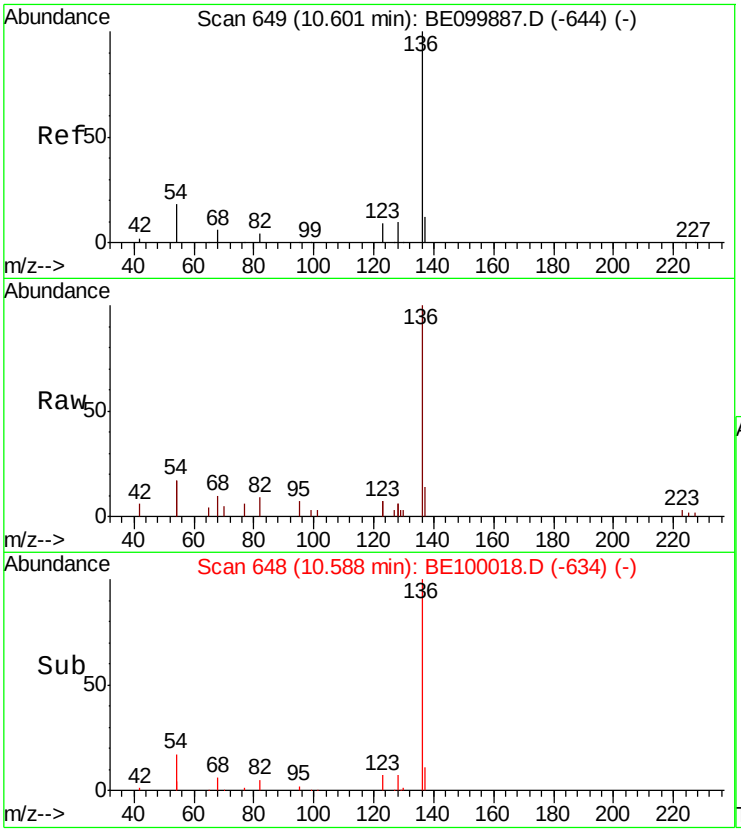


#5
Phenol-d6
Concen: 0.089 ng
RT: 6.96 min Scan# 356
Delta R.T. -0.00 min
Lab File: BE100018.D
Acq: 14 Jun 2019 11:38

Tgt Ion: 99 Resp: 280

Ion	Ratio	Lower	Upper
99	100		
42	22.1	15.9	23.9
71	76.1	34.6	52.0#

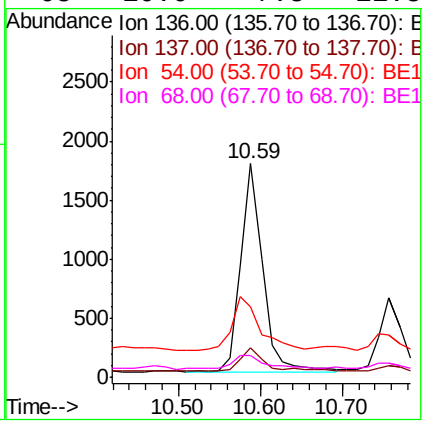




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.01 min
Lab File: BE100018.D
Acq: 14 Jun 2019 11:38

Tgt Ion:136 Resp: 3276

Ion	Ratio	Lower	Upper
136	100		
137	13.5	12.3	18.5
54	33.1	28.2	42.4
68	10.0	7.8	11.8



Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW10-20190609

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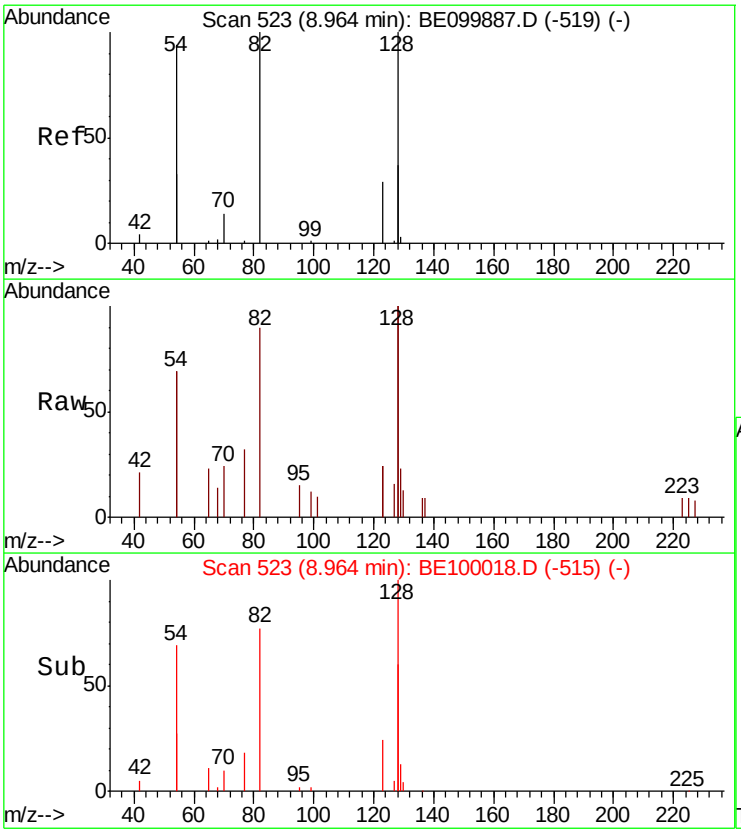
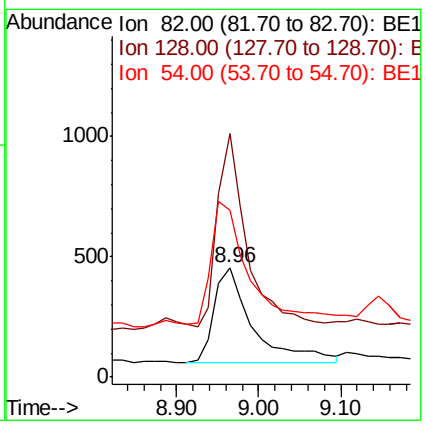
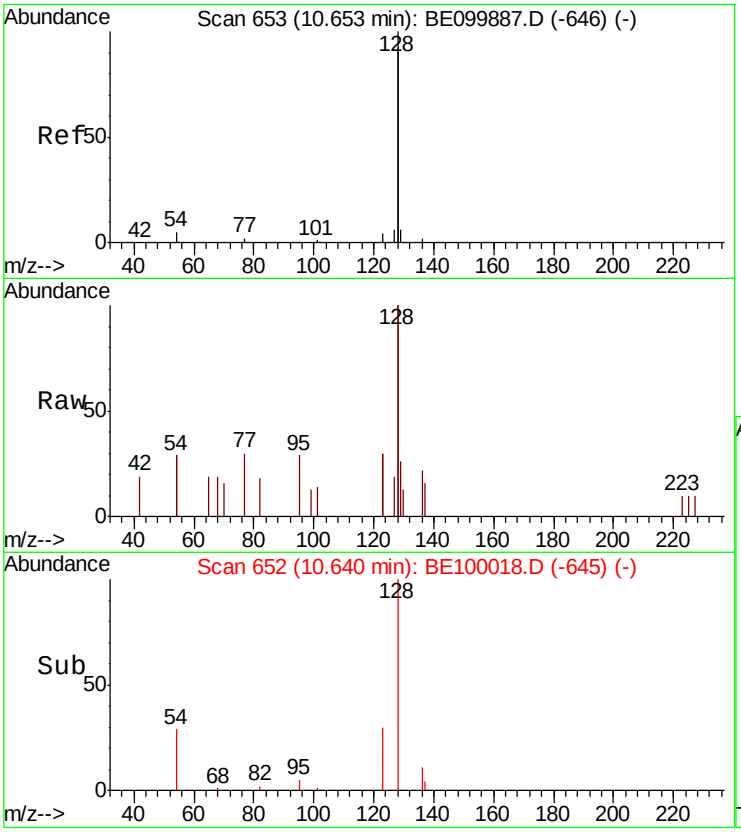


#8
Nitrobenzene-d5
Concen: 0.418 ng
RT: 8.96 min Scan# 523
Delta R.T. 0.00 min
Lab File: BE100018.D
Acq: 14 Jun 2019 11:38

Tgt Ion: 82 Resp: 1297

Ion	Ratio	Lower	Upper
82	100		
128	221.9	137.3	205.9#
54	152.2	129.7	194.5





#9
Naphthalene
Concen: 0.038 ng
RT: 10.64 min Scan# 652
Delta R.T. -0.01 min
Lab File: BE100018.D
Acq: 14 Jun 2019 11:38

Tgt Ion:128 Resp: 1334

Ion	Ratio	Lower	Upper
128	100		
129	13.1	3.0	4.6#
127	9.4	3.4	5.0#

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW10-20190609

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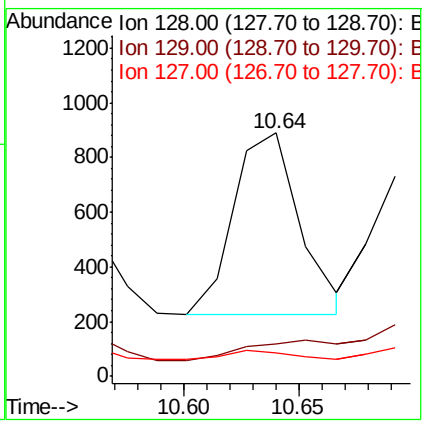
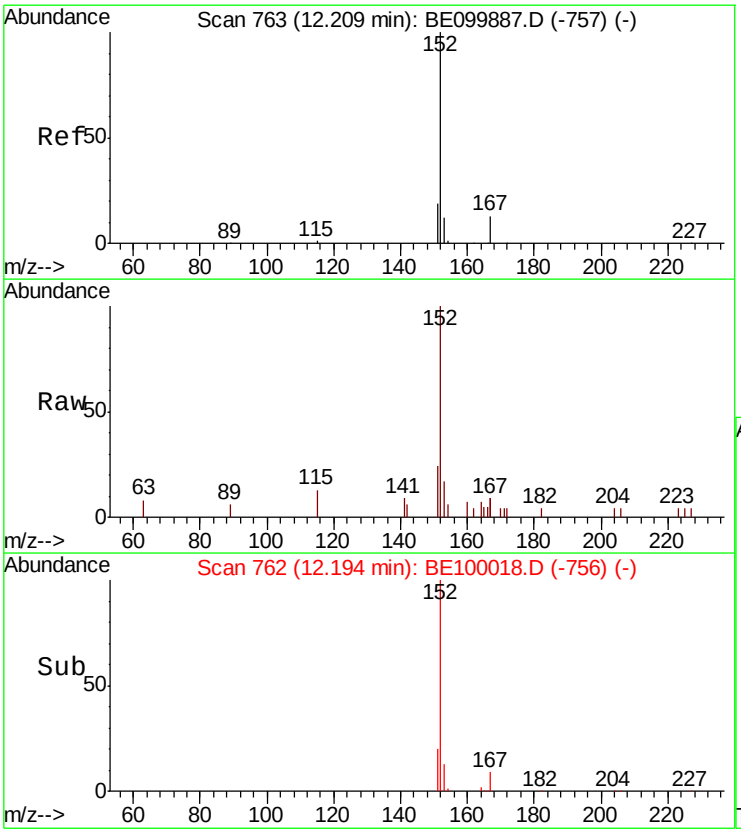
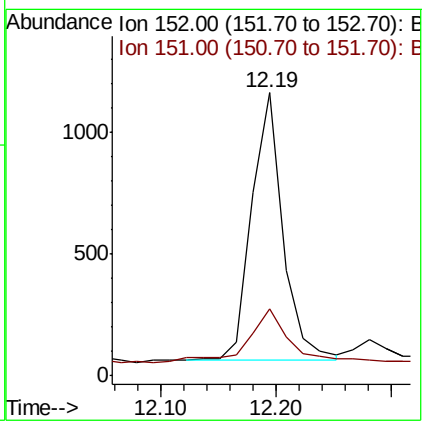


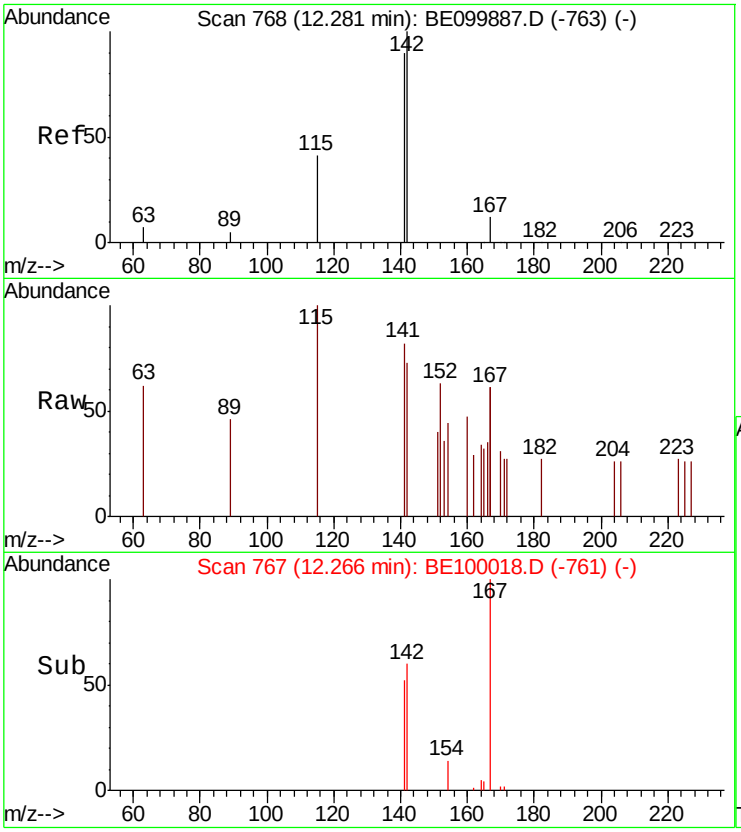


#11
2-Methylnaphthalene-d10
Concen: 0.357 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.01 min
Lab File: BE100018.D
Acq: 14 Jun 2019 11:38

Tgt Ion:152 Resp: 2038

Ion	Ratio	Lower	Upper
152	100		
151	24.4	15.2	22.8#





#12
2-Methylnaphthalene
Concen: 0.026 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.01 min
Lab File: BE100018.D
Acq: 14 Jun 2019 11:38

Tgt Ion:142 Resp: 148

Ion	Ratio	Lower	Upper
142	100		
141	112.8	72.3	108.5#
115	136.8	36.4	54.6#

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW10-20190609

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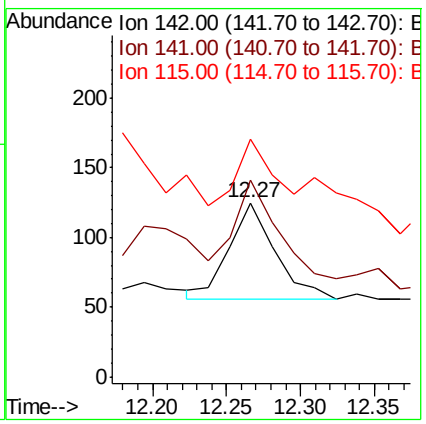
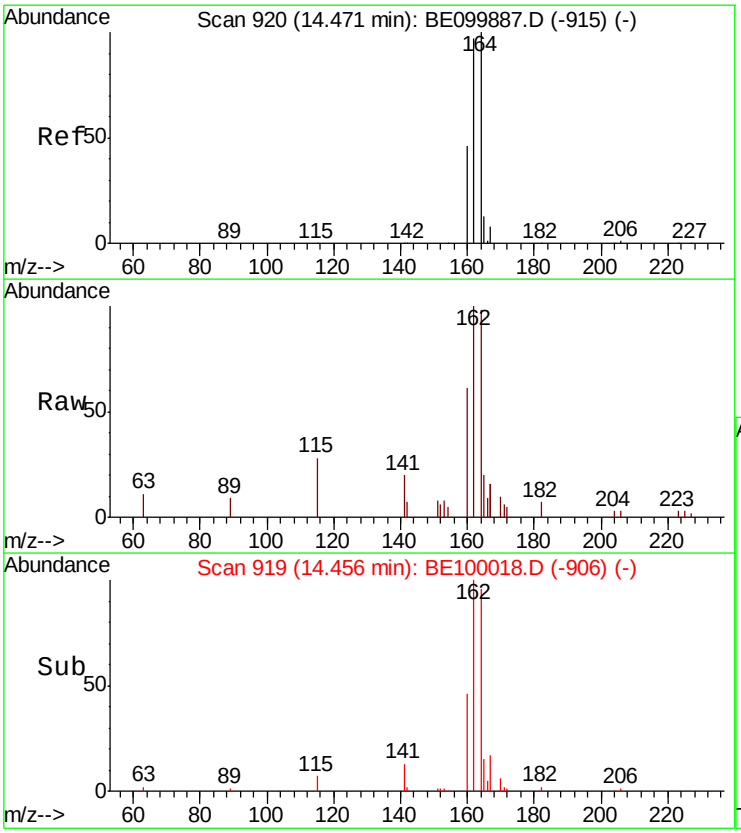
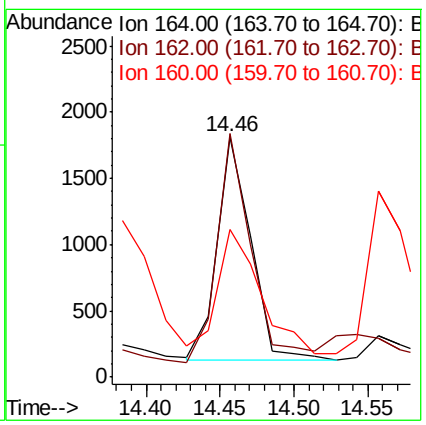


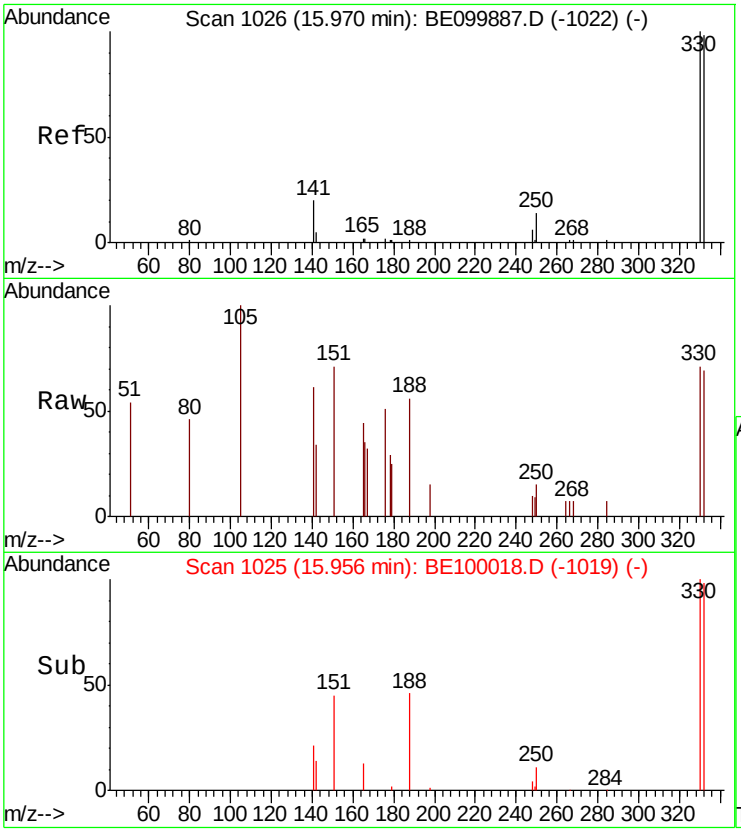


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.01 min
Lab File: BE100018.D
Acq: 14 Jun 2019 11:38

Tgt Ion:164 Resp: 2671

Ion	Ratio	Lower	Upper
164	100		
162	101.5	77.8	116.8
160	61.8	38.2	57.4#





#14
2,4,6-Tribromophenol
Concen: 0.429 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BE100018.D
Acq: 14 Jun 2019 11:38

Tgt Ion:330 Resp: 846

Ion	Ratio	Lower	Upper
330	100		
332	91.8	76.7	115.1
141	0.0	21.0	31.6#

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW10-20190609

Manual Integrations APPROVED
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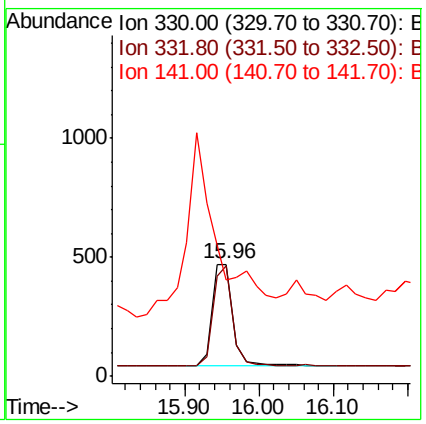
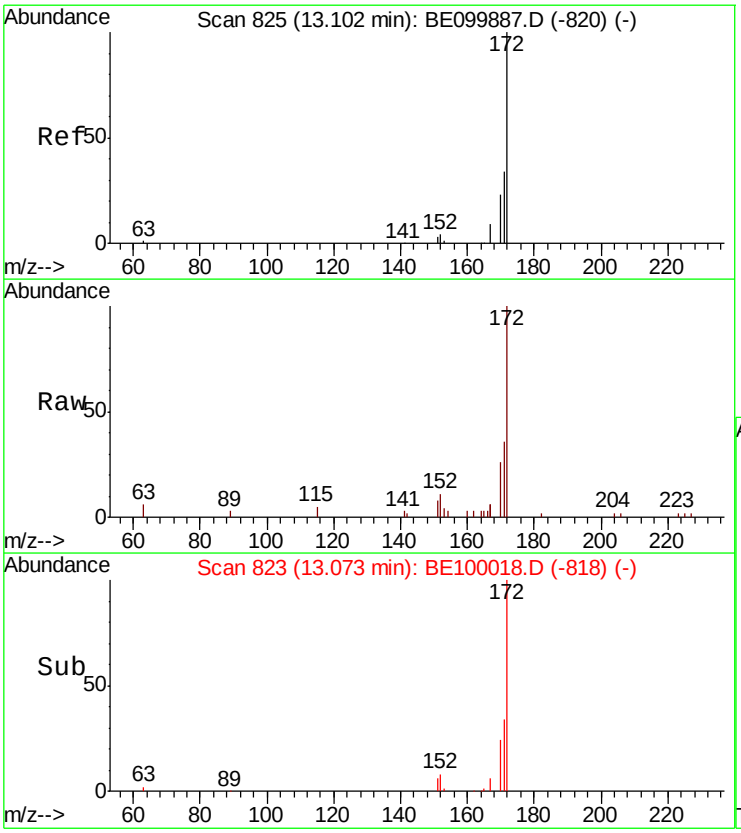
6/17/2019 4:51:24 PM

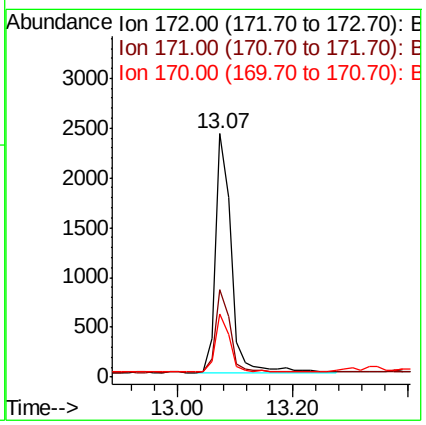


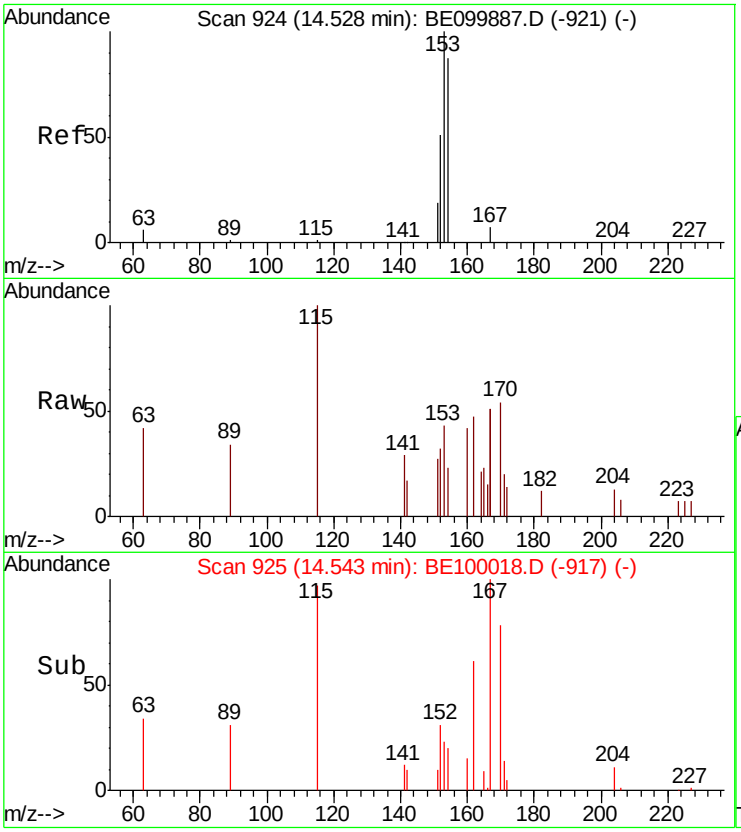


#15
2-Fluorobiphenyl
Concen: 0.445 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.03 min
Lab File: BE100018.D
Acq: 14 Jun 2019 11:38

Tgt Ion:172 Resp: 4507

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.2	43.8
170	26.2	21.2	31.8





#17
Acenaphthene
Concen: 0.024 ng m
RT: 14.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: BE100018.D
Acq: 14 Jun 2019 11:38

Tgt Ion:154 Resp: 175

Ion	Ratio	Lower	Upper
154	100		
153	179.4	93.1	139.7#
152	110.9	47.0	70.4#

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW10-20190609

Manual Integrations APPROVED
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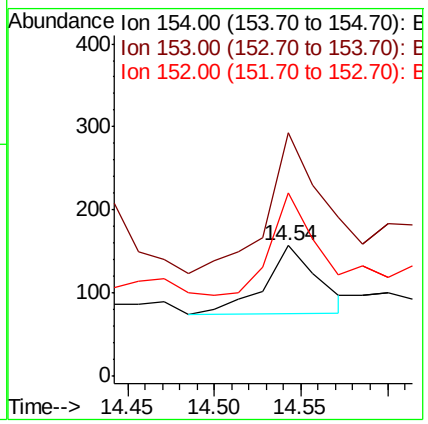
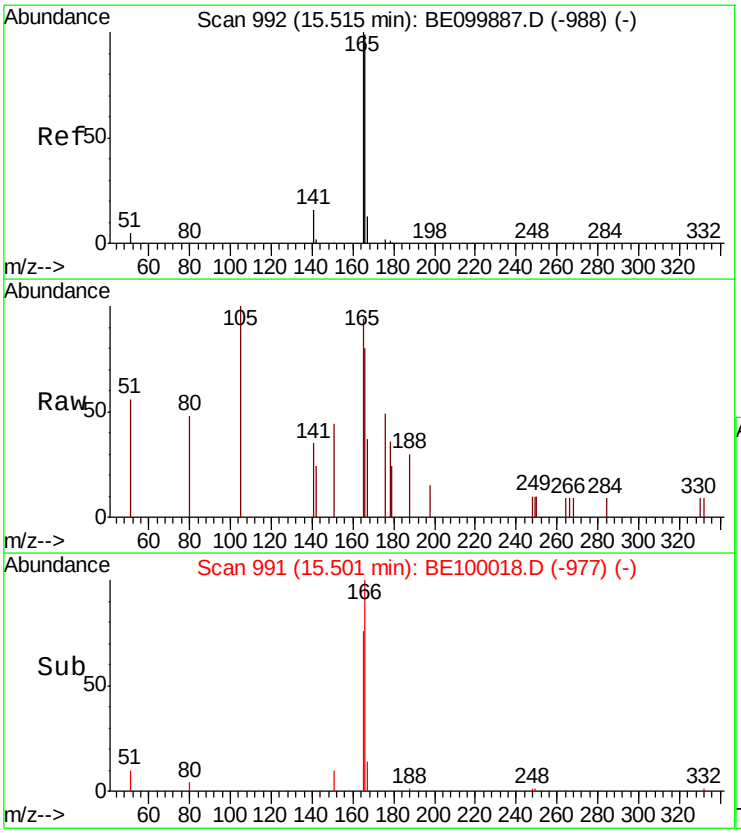
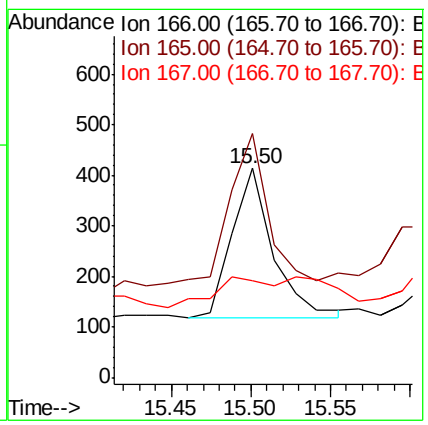


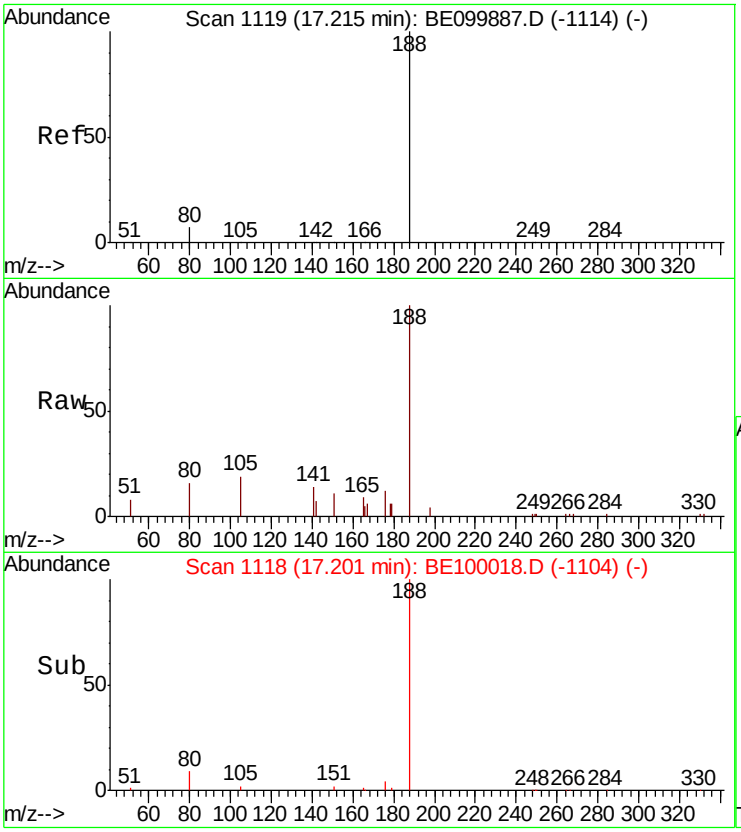


#18
Fluorene
Concen: 0.049 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.01 min
Lab File: BE100018.D
Acq: 14 Jun 2019 11:38

Tgt Ion:166 Resp: 529

Ion	Ratio	Lower	Upper
166	100		
165	114.6	81.8	122.8
167	28.5	11.2	16.8#





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BE100018.D
Acq: 14 Jun 2019 11:38

Tgt Ion:188 Resp: 8064

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	16.0	6.4	9.6#

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW10-20190609

Manual Integrations APPROVED
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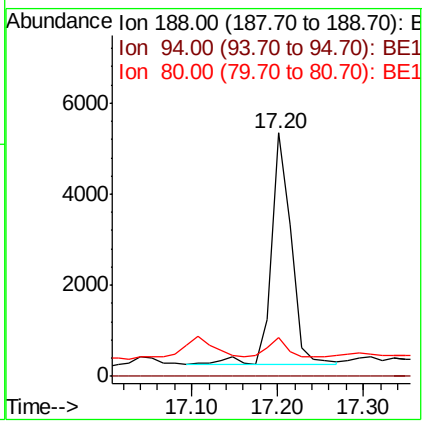
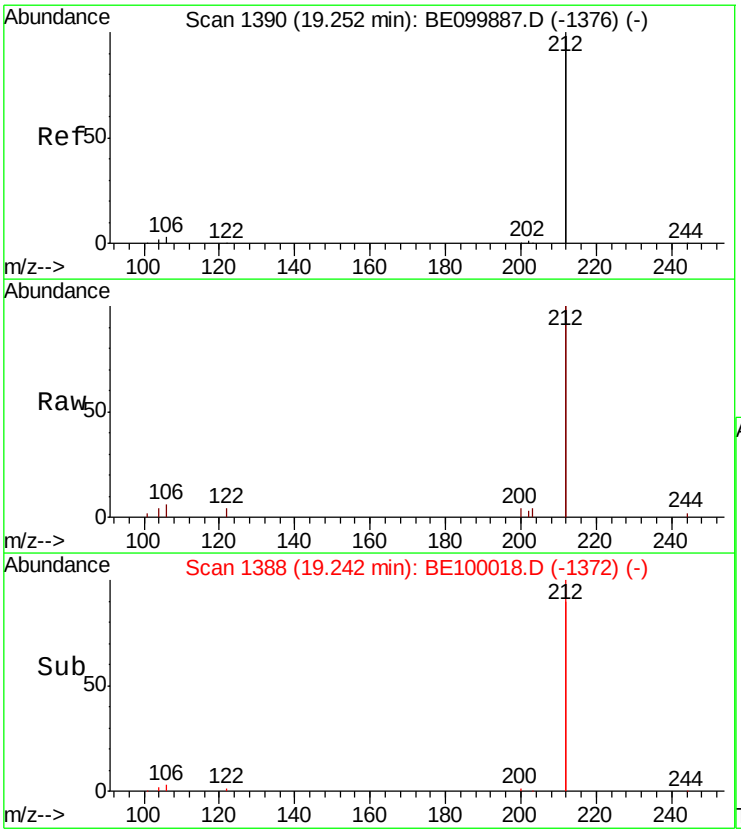
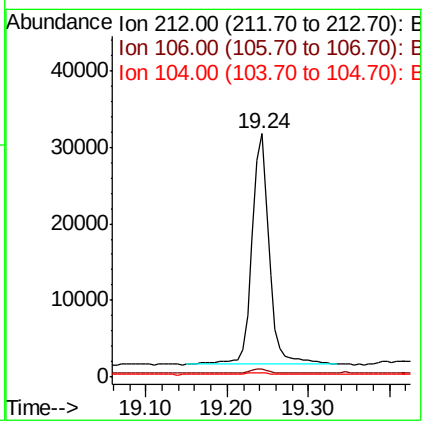


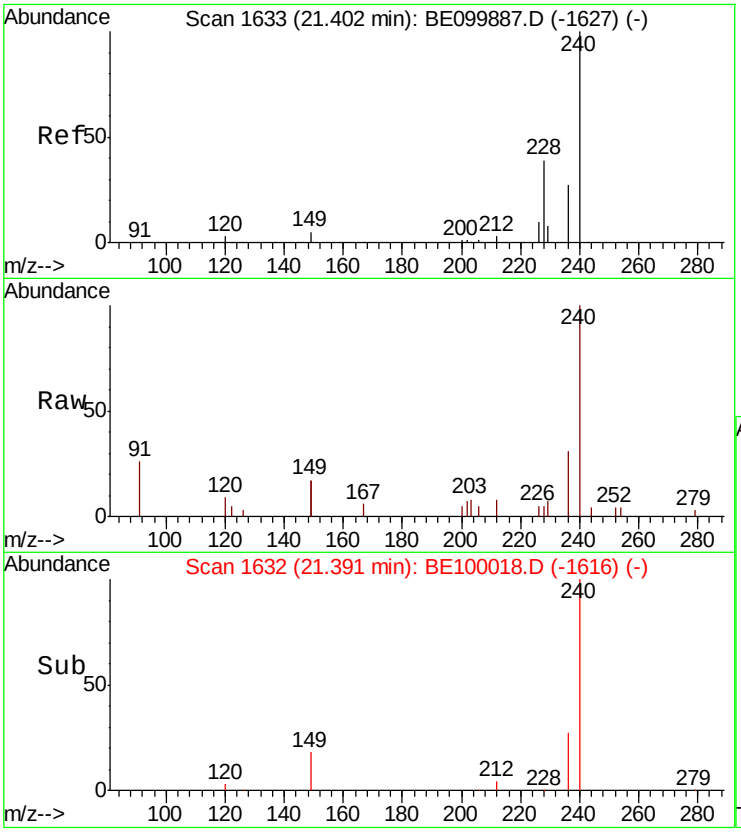


#25
Fluoranthene-d10
Concen: 0.385 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BE100018.D
Acq: 14 Jun 2019 11:38

Tgt Ion:212 Resp: 45240

Ion	Ratio	Lower	Upper
212	100		
106	1.9	1.4	2.2
104	1.2	0.9	1.3





#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE100018.D
Acq: 14 Jun 2019 11:38

Tgt Ion:240 Resp: 10138

Ion	Ratio	Lower	Upper
240	100		
120	8.7	3.8	5.6#
236	30.5	22.0	33.0

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW10-20190609

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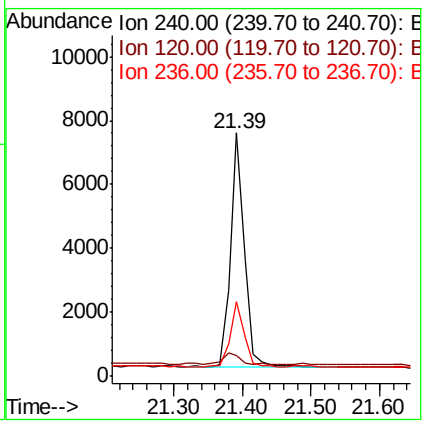
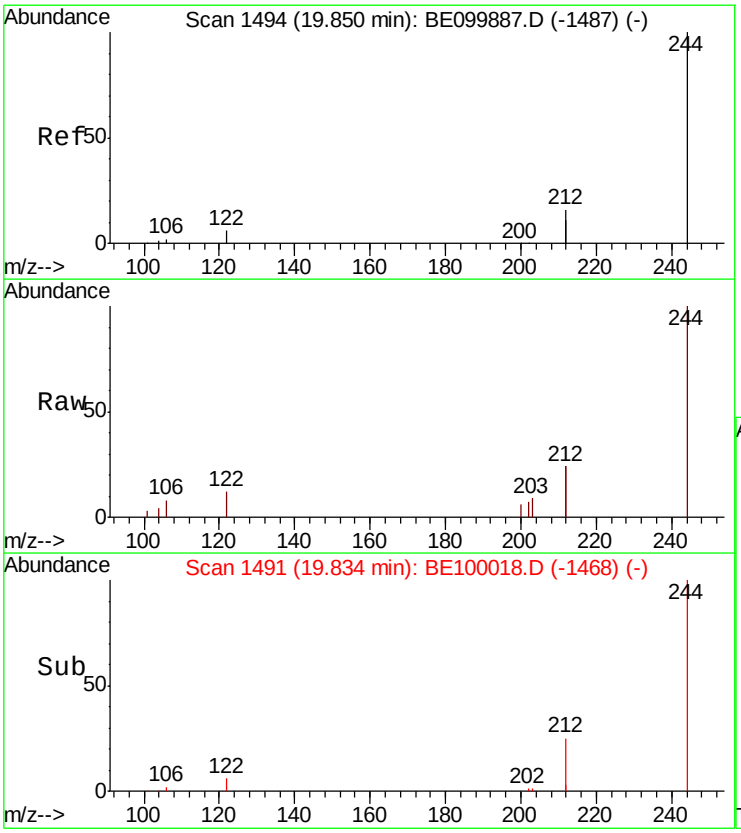
mohammad
6/17/2019 4:51:24 PM

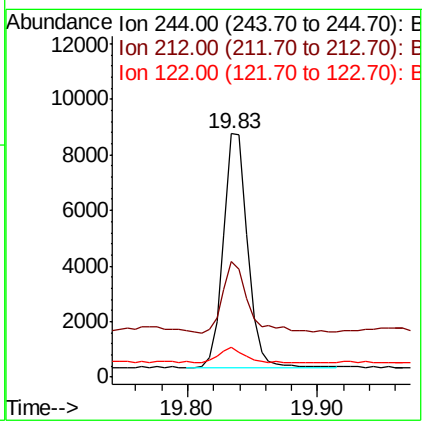


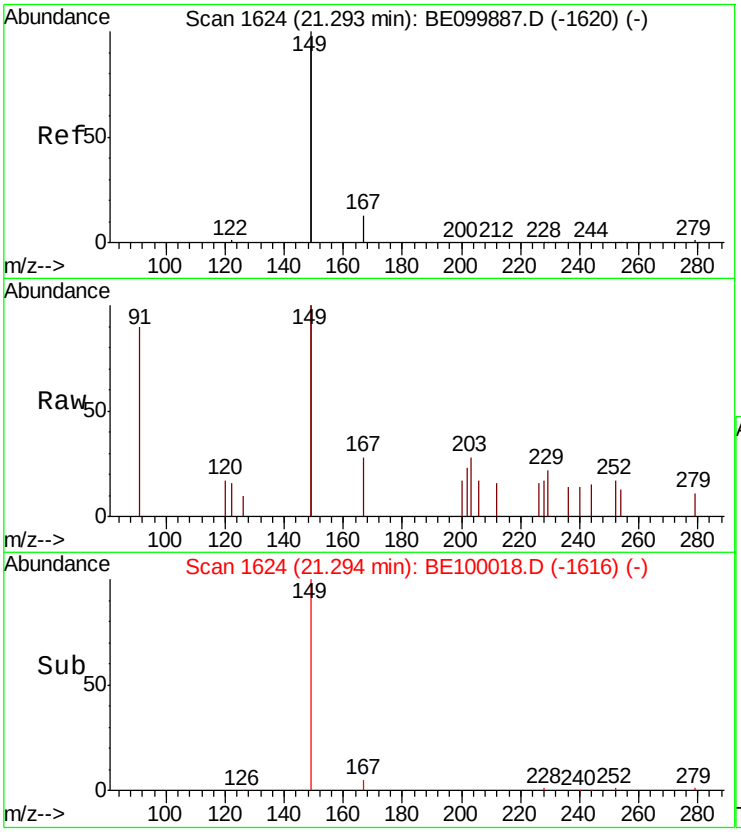


#29
Terphenyl-d14
Concen: 0.596 ng
RT: 19.83 min Scan# 1491
Delta R.T. -0.02 min
Lab File: BE100018.D
Acq: 14 Jun 2019 11:38

Tgt Ion:244 Resp: 10886

Ion	Ratio	Lower	Upper
244	100		
212	47.3	25.7	38.5#
122	12.1	5.5	8.3#





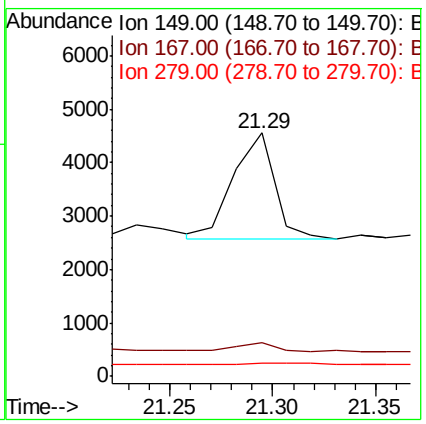
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.063 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE100018.D
Acq: 14 Jun 2019 11:38

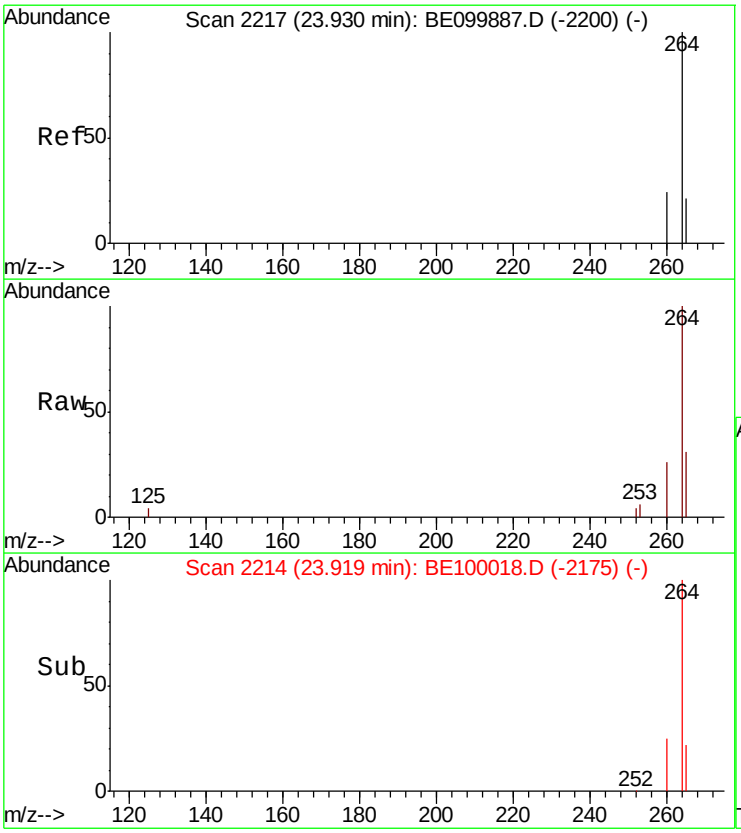
Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW10-20190609

Manual Integrations APPROVED
mohammad
6/17/2019 4:51:24 PM

Tgt Ion:149 Resp: 2744

Ion	Ratio	Lower	Upper
149	100		
167	10.7	5.9	8.9#
279	2.3	1.2	1.8#





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.92 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BE100018.D
Acq: 14 Jun 2019 11:38

Tgt Ion:264 Resp: 11282

Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.2	30.2
265	30.7	22.0	33.0