Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091718\
Data File : BE097517.D
Acq On : 18 Sep 2018 4:58
Operator : SJ/JU
Sample : J4741-37
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
AOC10-01-C

Manual Integrations APPROVED
Sohil
9/18/2018 5:56:25 PM

Quant Time: Sep 18 07:24:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE091718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 17 18:57:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	924	0.40	ng		0.00
7) Naphthalene-d8	10.12	136	4345	0.40	ng		-0.01
13) Acenaphthene-d10	14.00	164	2576	0.40	ng		0.00
19) Phenanthrene-d10	16.75	188	7222	0.40	ng		-0.01
27) Chrysene-d12	20.97	240	8709	0.40	ng		0.00
34) Perylene-d12	23.20	264	8750	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	583	0.19	ng		0.00
5) Phenol-d6	6.62	99	410m	0.10	ng		0.01
8) Nitrobenzene-d5	8.52	82	1531	0.44	ng		0.00
11) 2-Methylnaphthalene-d10	11.71	152	2962	0.48	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	559	0.41	ng		-0.01
15) 2-Fluorobiphenyl	12.62	172	5136	0.57	ng		0.00
25) Fluoranthene-d10	18.80	212	43782	0.50	ng		0.00
29) Terphenyl-d14	19.41	244	8661	0.52	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.17	128	86805	2.201	ng		99
12) 2-Methylnaphthalene	11.79	142	5000	0.792	ng		99
16) Acenaphthylene	13.72	152	745	0.066	ng	#	91
17) Acenaphthene	14.06	154	2546	0.368	ng		94
18) Fluorene	15.06	166	3754	0.426	ng	#	80
23) Phenanthrene	16.80	178	8968	0.528	ng		98
24) Anthracene	16.89	178	1114	0.071	ng	#	93
26) Fluoranthene	18.83	202	1781	0.080	ng		97
28) Pyrene	19.19	202	1379	0.062	ng	#	96
32) Bis(2-ethylhexyl)phthalate	20.91	149	7000	0.144	ng		99

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

Quantitation Report (QT Reviewed)

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Acq On : 18 Sep 2018 4:58
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Sample : J4741-37
Misc :
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Instrument :
BNA_E
ClientSampleId :
AOC10-01-C

Manual Integrations APPROVED
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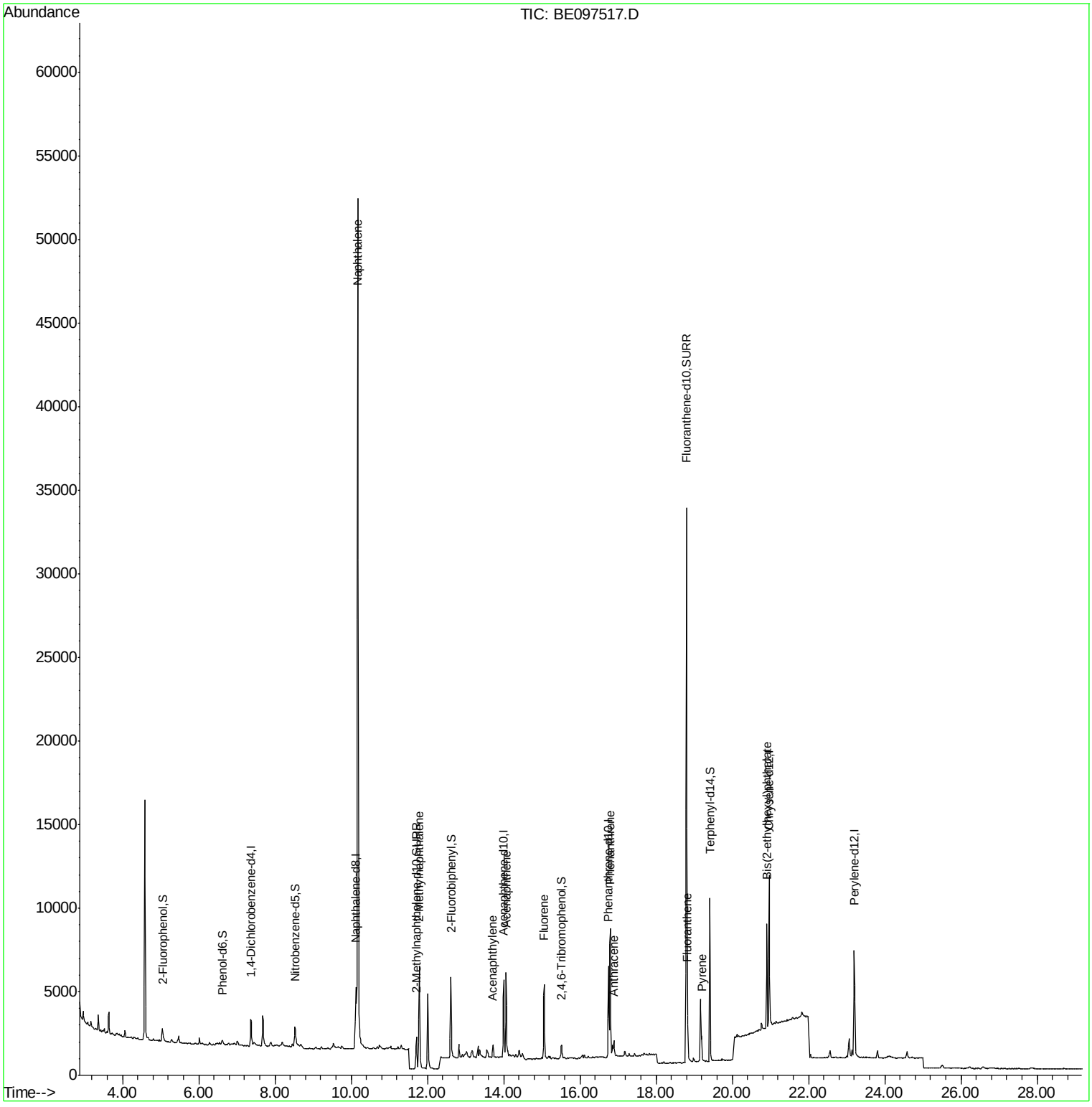
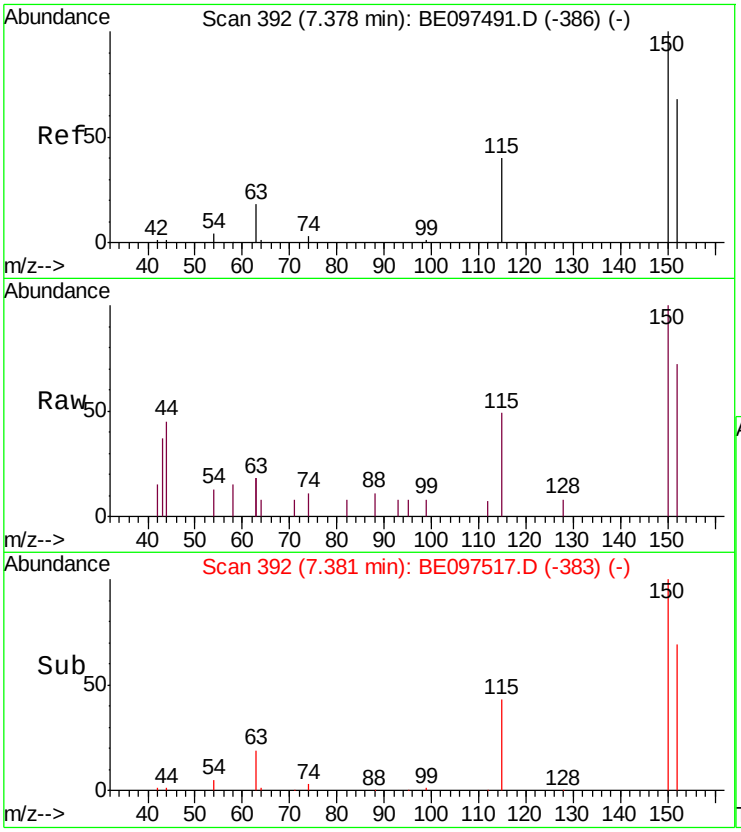
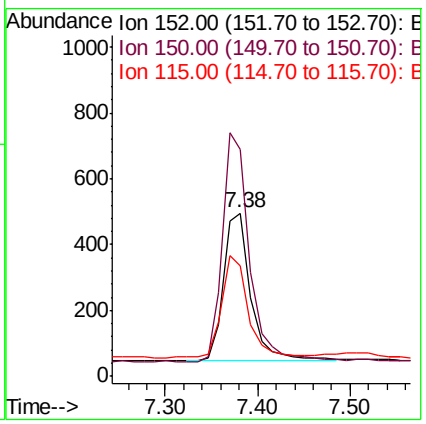




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097517.D
Acq: 18 Sep 2018 4:58

Tgt Ion:152 Resp: 924

Ion	Ratio	Lower	Upper
152	100		
150	138.9	117.2	175.8
115	67.9	57.0	85.6



Instrument :
BNA_E
ClientSampleId :
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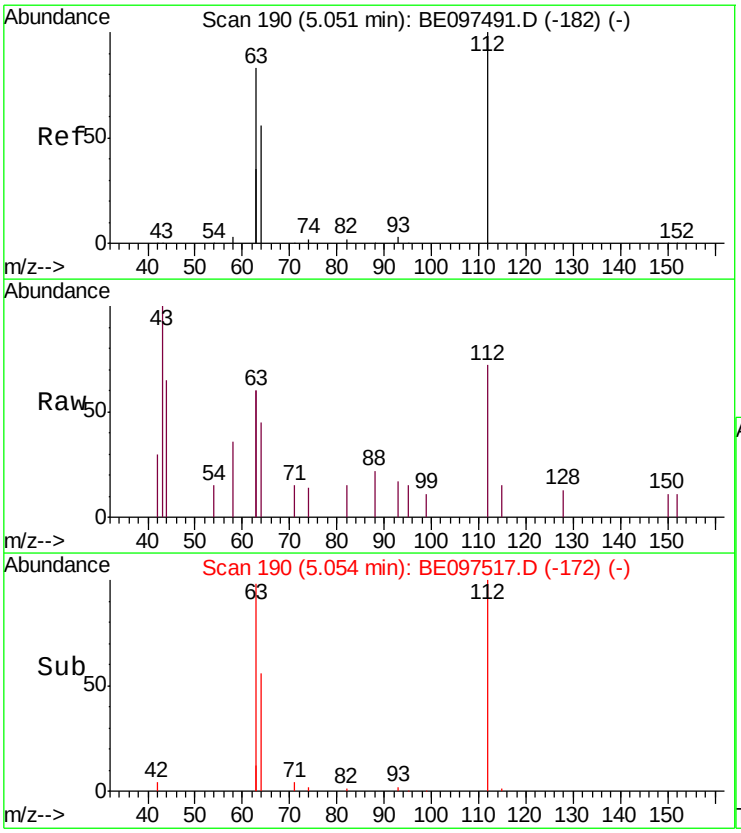
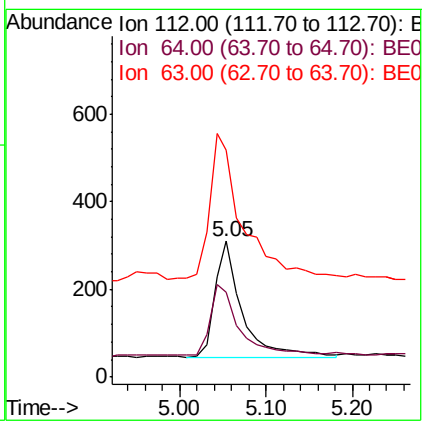
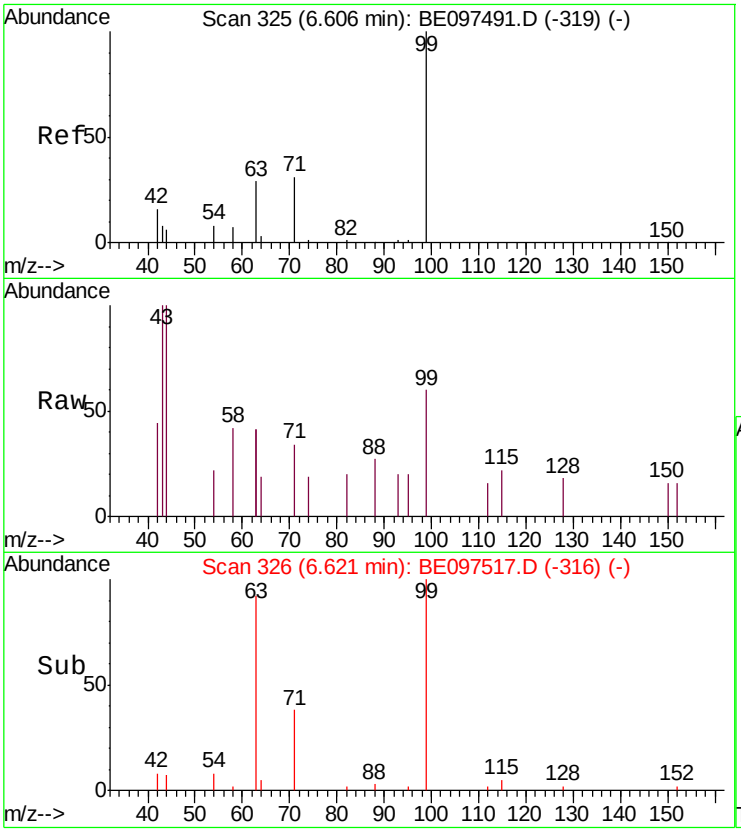


#4
2-Fluorophenol
Concen: 0.186 ng
RT: 5.05 min Scan# 190
Delta R.T. 0.00 min
Lab File: BE097517.D
Acq: 18 Sep 2018 4:58

Tgt Ion:112 Resp: 583

Ion	Ratio	Lower	Upper
112	100		
64	65.9	60.1	90.1
63	150.6	116.8	175.2

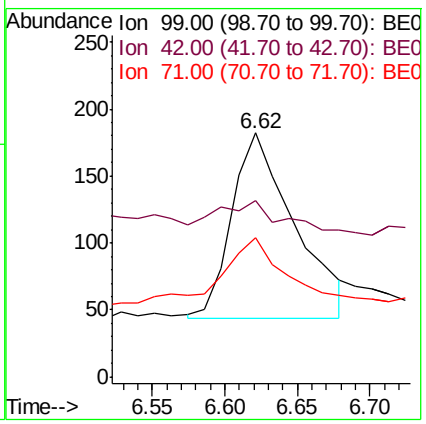




#5
Phenol-d6
Concen: 0.103 ng m
RT: 6.62 min Scan# 326
Delta R.T. 0.01 min
Lab File: BE097517.D
Acq: 18 Sep 2018 4:58

Tgt Ion: 99 Resp: 410

Ion	Ratio	Lower	Upper
99	100		
42	13.7	20.2	30.2#
71	34.1	28.4	42.6



Instrument :
BNA_E
ClientSampleId :
AOC10-01-C

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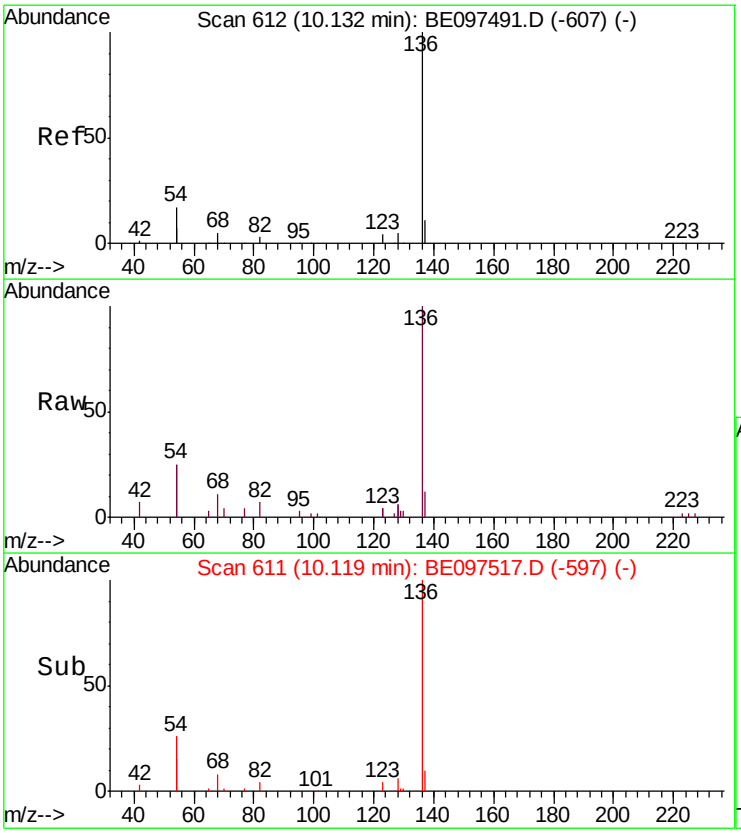
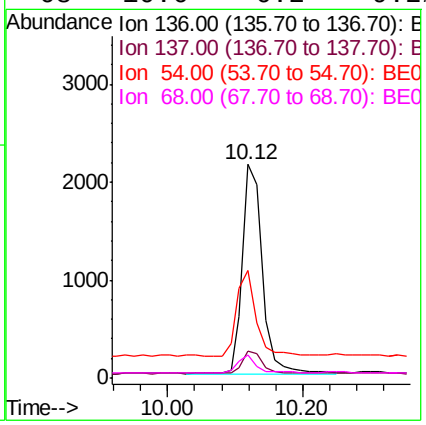
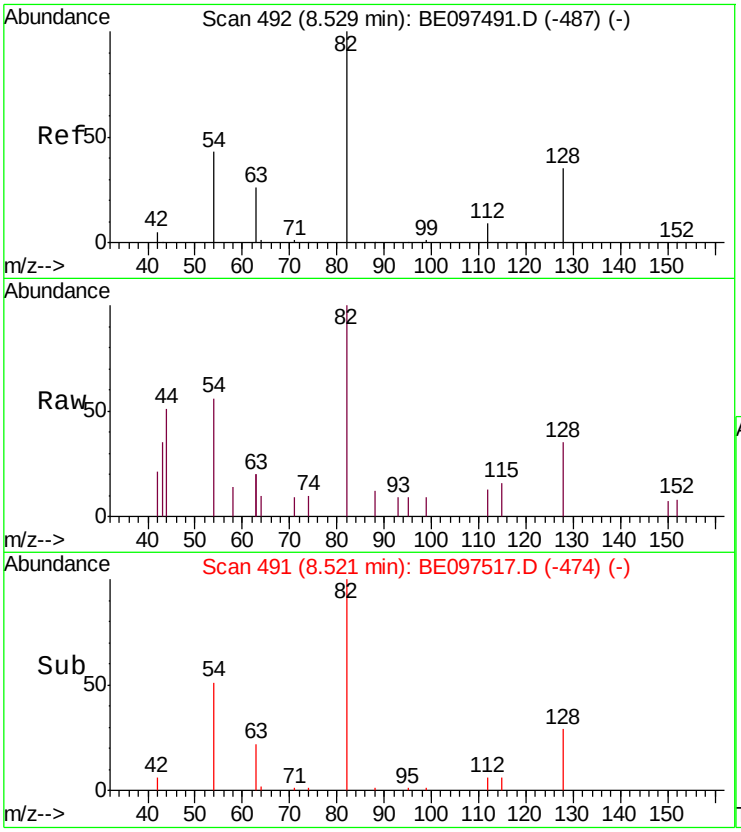


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.12 min Scan# 611
Delta R.T. -0.01 min
Lab File: BE097517.D
Acq: 18 Sep 2018 4:58

Tgt Ion:136 Resp: 4345

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.5	14.3
54	50.3	29.1	43.7#
68	10.6	6.2	9.2#

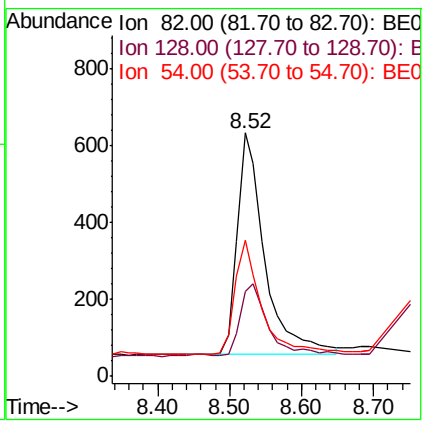




#8
Nitrobenzene-d5
Concen: 0.438 ng
RT: 8.52 min Scan# 491
Delta R.T. -0.01 min
Lab File: BE097517.D
Acq: 18 Sep 2018 4:58

Tgt Ion: 82 Resp: 1531

Ion	Ratio	Lower	Upper
82	100		
128	34.8	24.0	36.0
54	55.9	40.0	60.0



Instrument :
BNA_E
ClientSampleId :
AOC10-01-C

Manual Integrations APPROVED
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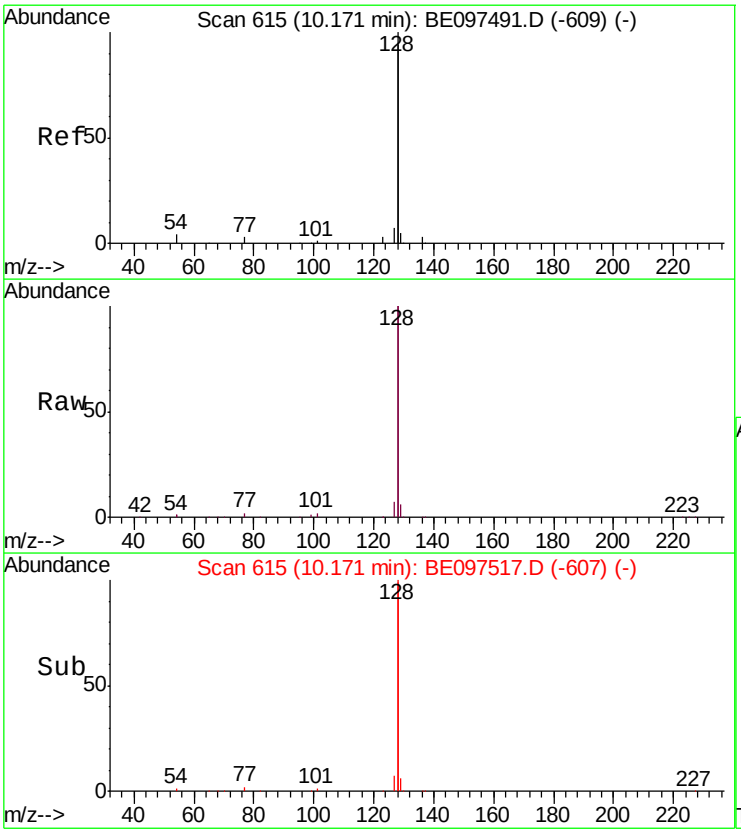
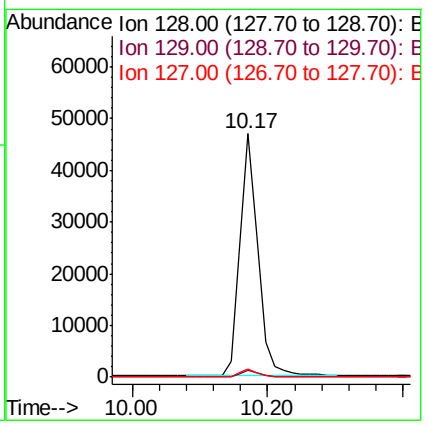
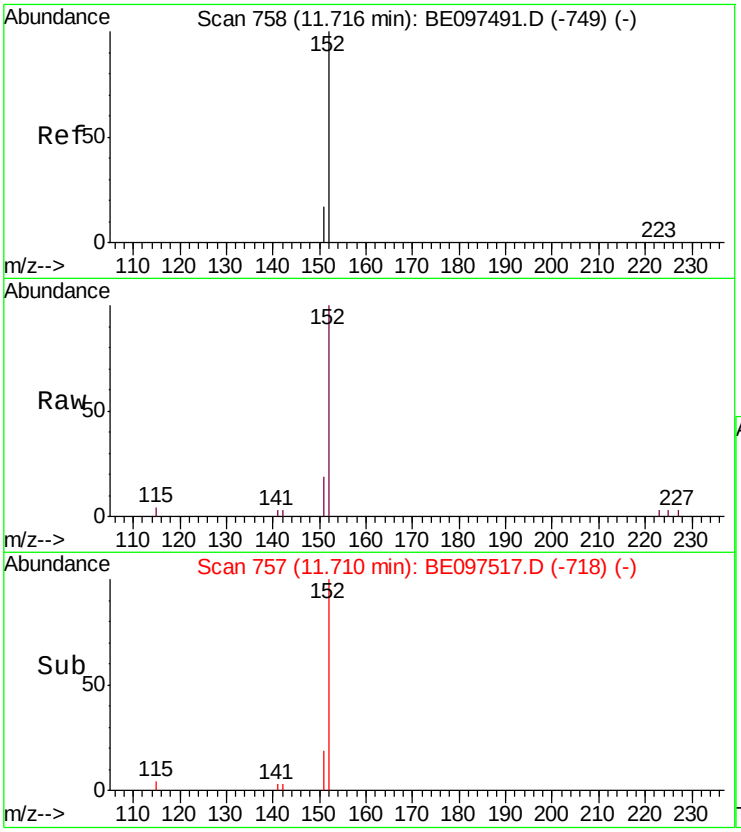


#9
Naphthalene
Concen: 2.201 ng
RT: 10.17 min Scan# 615
Delta R.T. 0.00 min
Lab File: BE097517.D
Acq: 18 Sep 2018 4:58

Tgt Ion:128 Resp: 86805

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.6	3.8
127	3.4	2.8	4.2

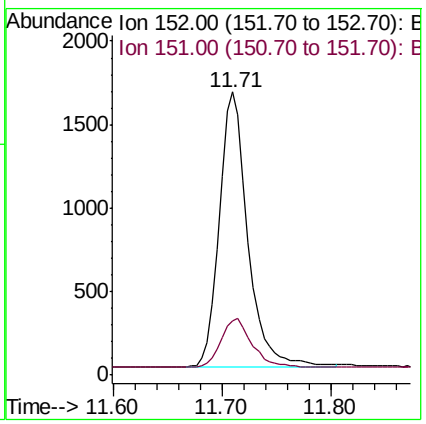




#11
2-Methylnaphthalene-d10
Concen: 0.477 ng
RT: 11.71 min Scan# 757
Delta R.T. -0.01 min
Lab File: BE097517.D
Acq: 18 Sep 2018 4:58

Tgt Ion:152 Resp: 2962

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.0



Instrument :
BNA_E
ClientSampleId :
AOC10-01-C

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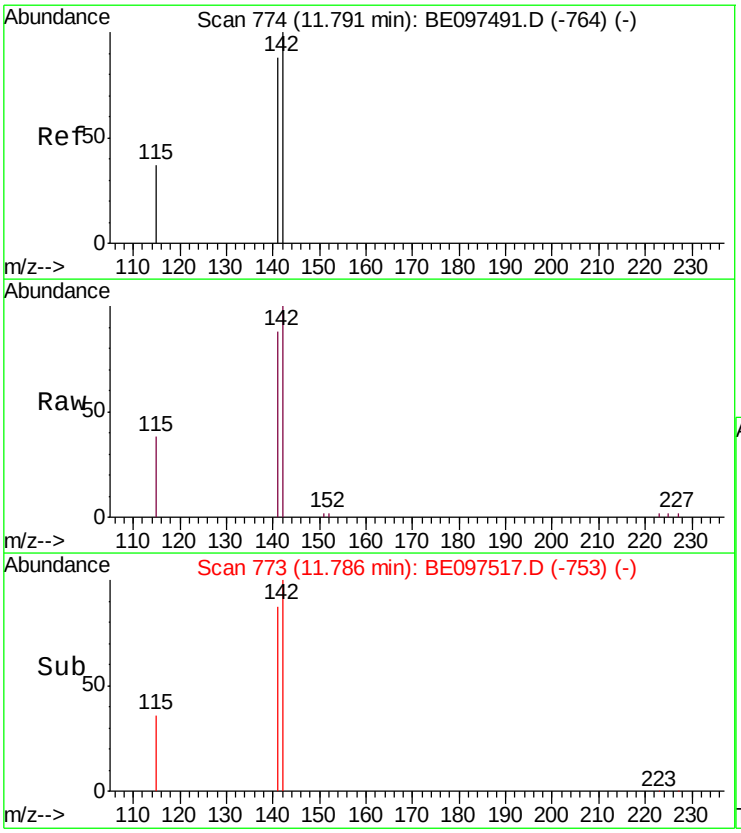
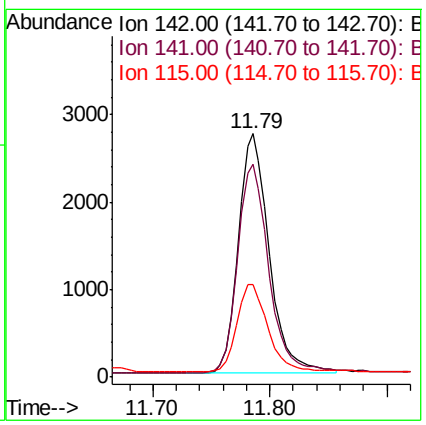
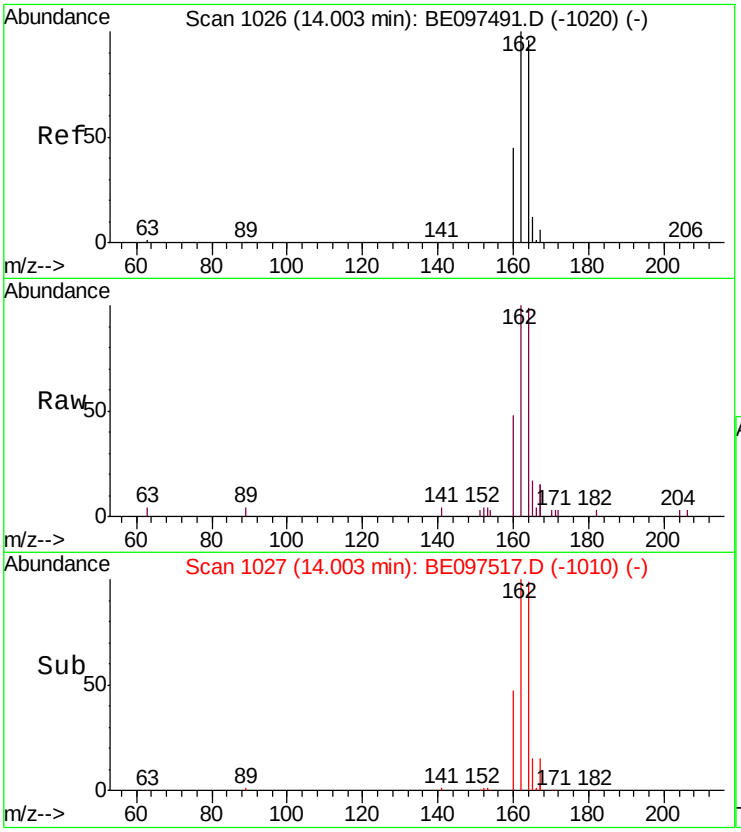


#12
2-Methylnaphthalene
Concen: 0.792 ng
RT: 11.79 min Scan# 773
Delta R.T. -0.01 min
Lab File: BE097517.D
Acq: 18 Sep 2018 4:58

Tgt Ion:142 Resp: 5000

Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.4	105.6
115	37.9	31.7	47.5





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE097517.D
Acq: 18 Sep 2018 4:58

Instrument :
BNA_E
ClientSampleId :
AOC10-01-C

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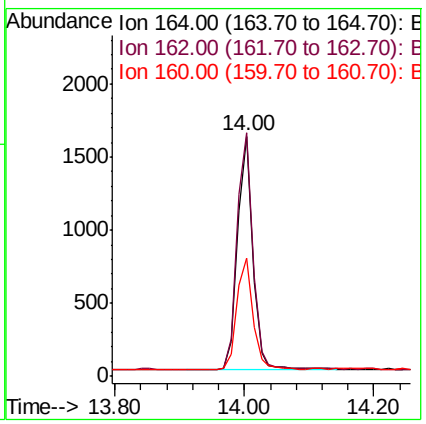
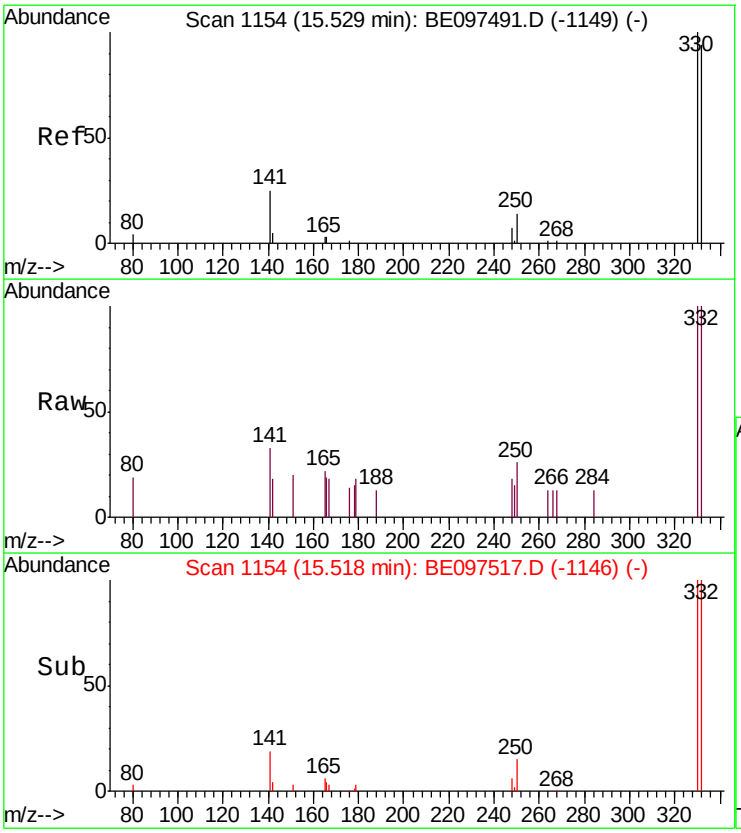
Tgt Ion:164 Resp: 2576

Ion	Ratio	Lower	Upper
164	100		
162	101.3	83.1	124.7
160	49.0	37.1	55.7

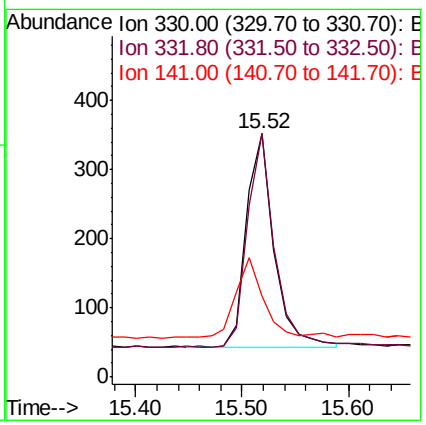


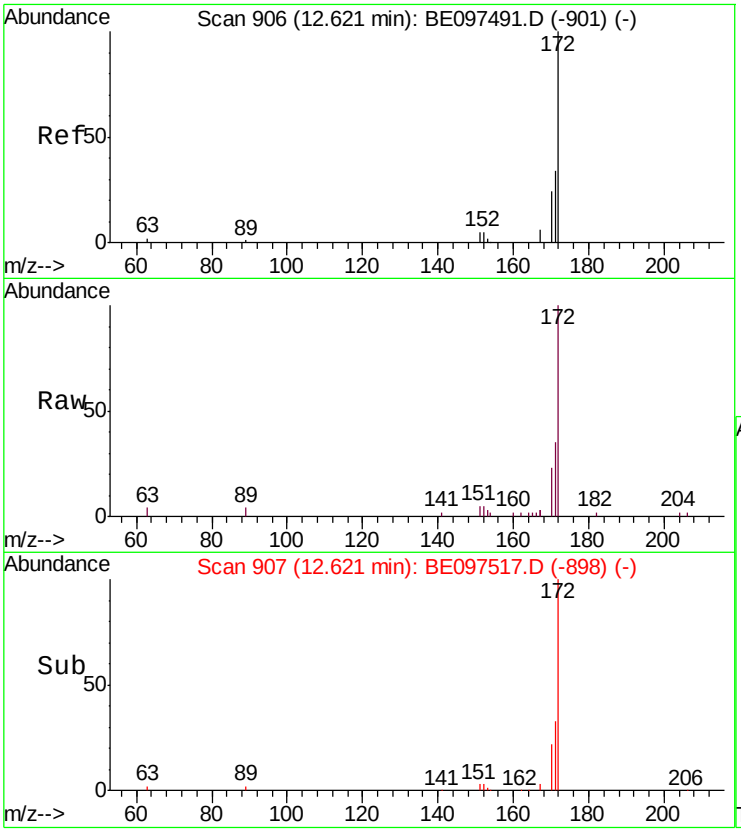


#14
2,4,6-Tribromophenol
Concen: 0.411 ng
RT: 15.52 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BE097517.D
Acq: 18 Sep 2018 4:58

Tgt Ion:330 Resp: 559

Ion	Ratio	Lower	Upper
330	100		
332	97.5	152.7	229.1#
141	36.1	33.7	50.5

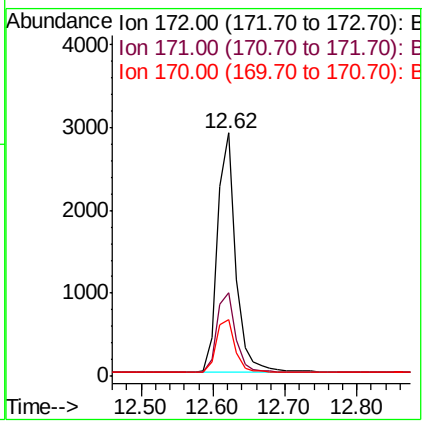




#15
2-Fluorobiphenyl
Concen: 0.571 ng
RT: 12.62 min Scan# 907
Delta R.T. 0.00 min
Lab File: BE097517.D
Acq: 18 Sep 2018 4:58

Tgt Ion:172 Resp: 5136

Ion	Ratio	Lower	Upper
172	100		
171	34.5	29.9	44.9
170	23.4	21.8	32.8



Instrument :
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AOC10-01-C

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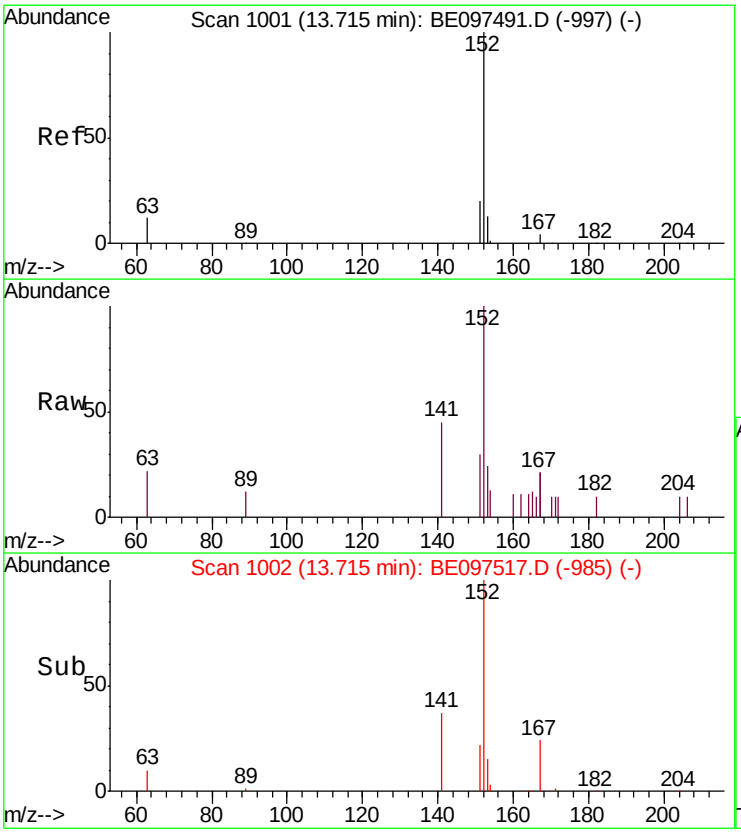
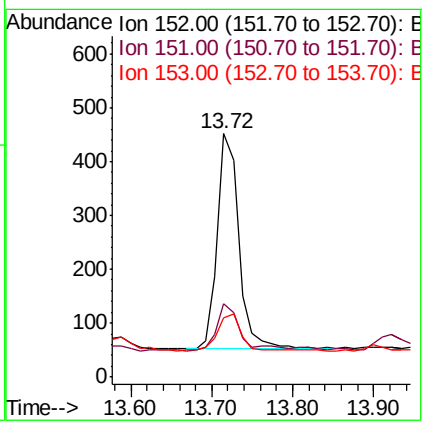
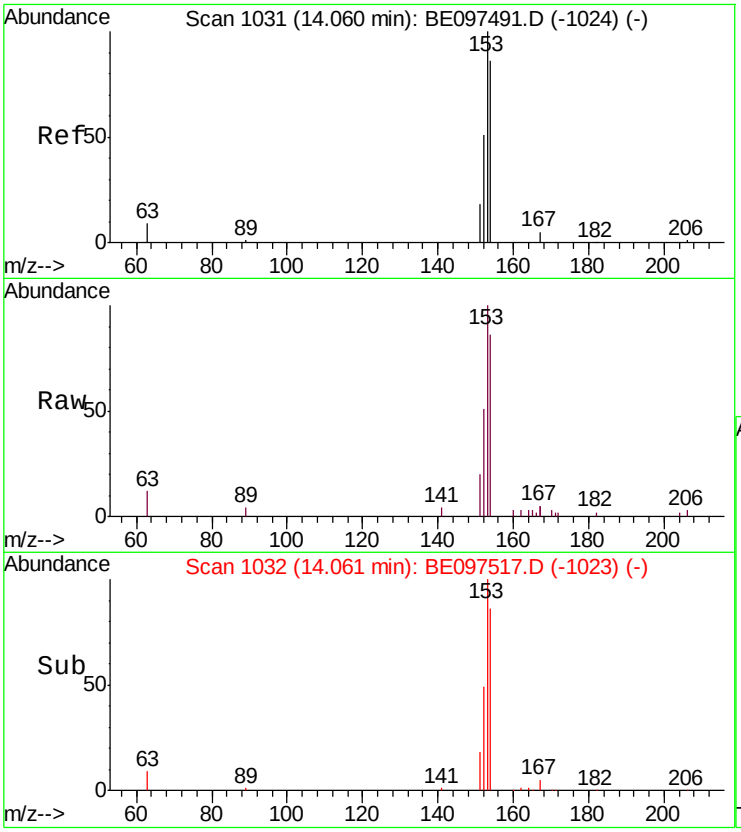


#16
Acenaphthylene
Concen: 0.066 ng
RT: 13.72 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BE097517.D
Acq: 18 Sep 2018 4:58

Tgt Ion:152 Resp: 745

Ion	Ratio	Lower	Upper
152	100		
151	23.1	15.7	23.5
153	17.7	10.5	15.7#

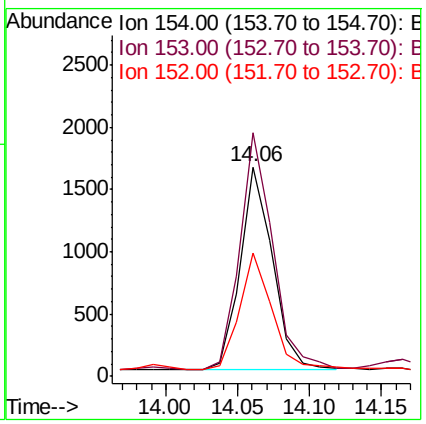




#17
Acenaphthene
Concen: 0.368 ng
RT: 14.06 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BE097517.D
Acq: 18 Sep 2018 4:58

Tgt Ion:154 Resp: 2546

Ion	Ratio	Lower	Upper
154	100		
153	118.3	89.2	133.8
152	57.1	42.0	63.0



Instrument :
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ClientSampleId :
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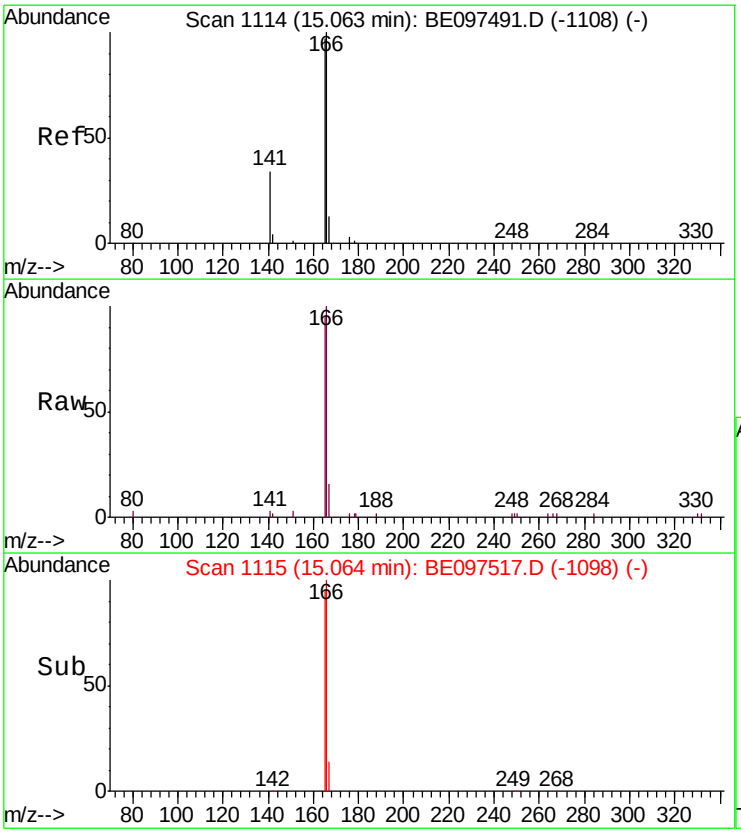
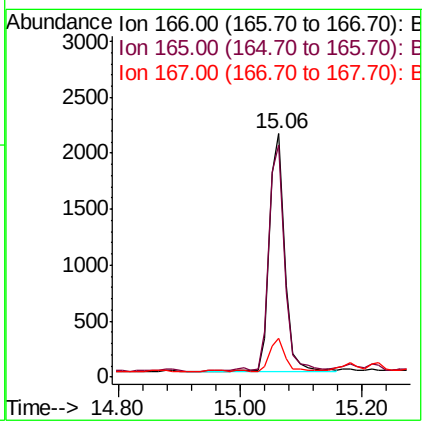
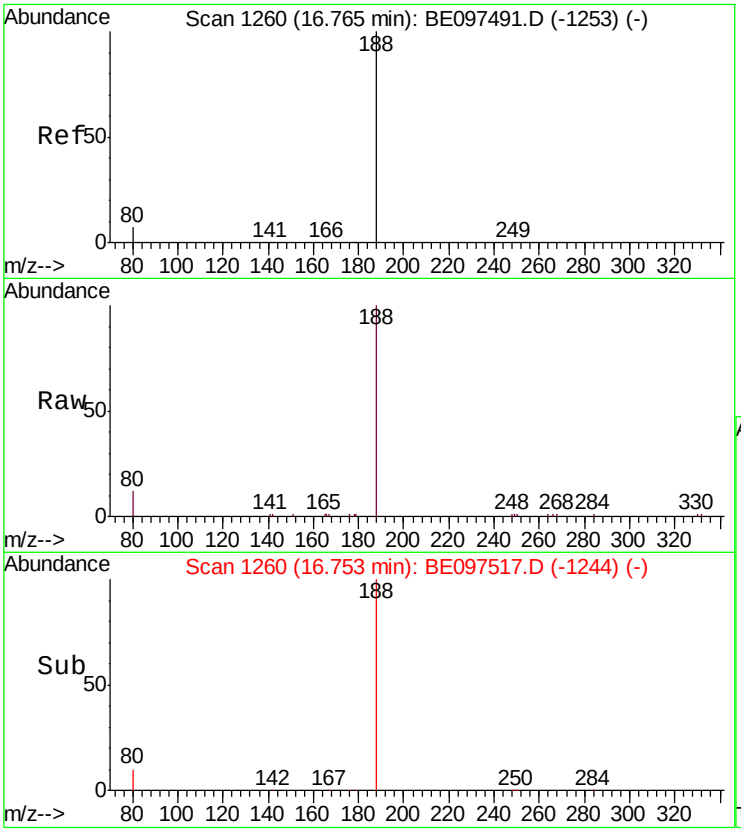


#18
Fluorene
Concen: 0.426 ng
RT: 15.06 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE097517.D
Acq: 18 Sep 2018 4:58

Tgt Ion:166 Resp: 3754

Ion	Ratio	Lower	Upper
166	100		
165	97.8	77.8	116.6
167	13.6	42.4	63.6#





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BE097517.D
Acq: 18 Sep 2018 4:58

Tgt Ion:188 Resp: 7222

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	11.6	3.6	5.4#

Instrument :
BNA_E
ClientSampleId :
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Manual Integrations APPROVED
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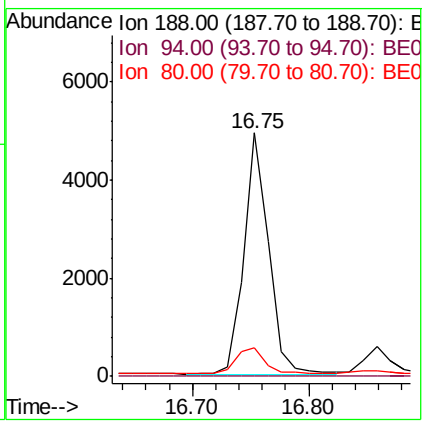
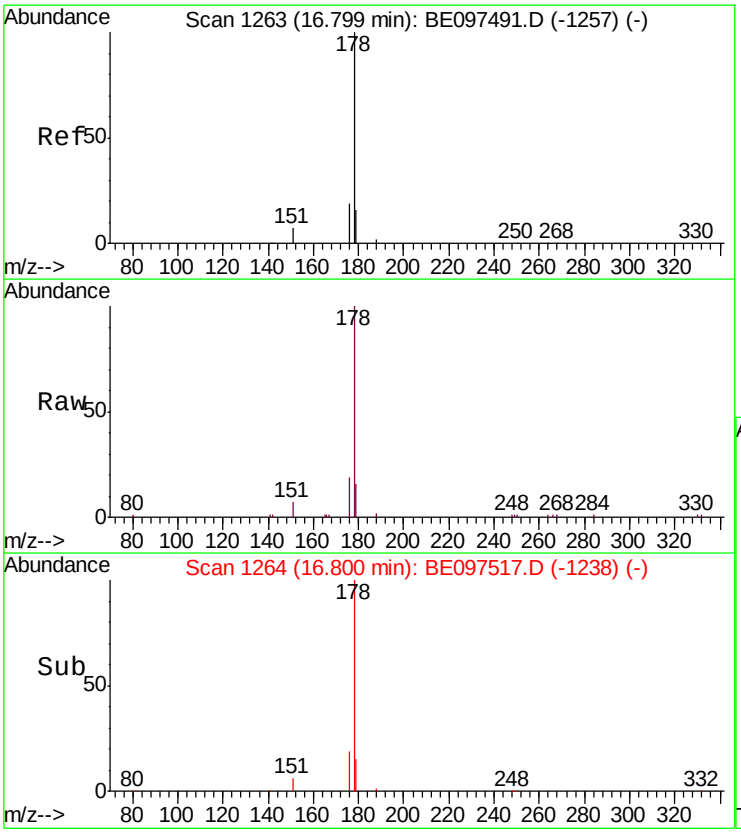
9/18/2018 5:56:25 PM

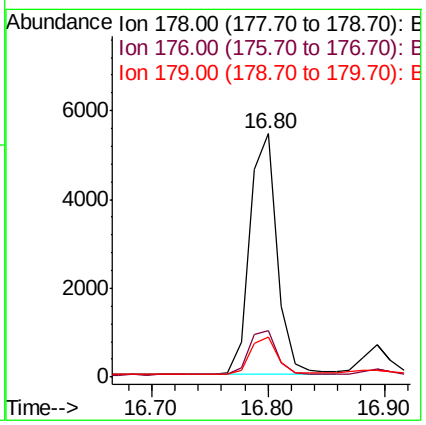


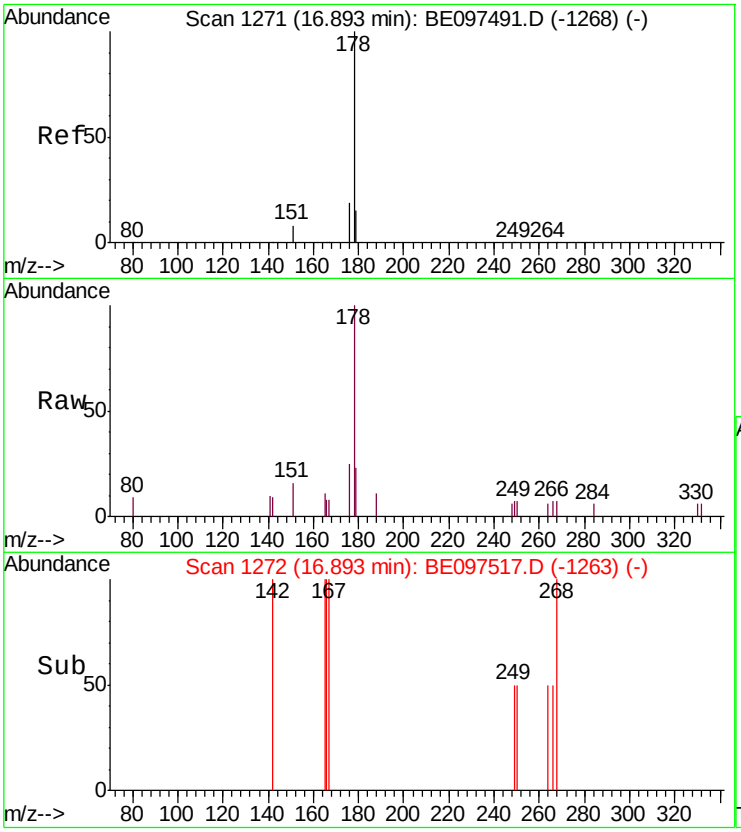


#23
Phenanthrene
Concen: 0.528 ng
RT: 16.80 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BE097517.D
Acq: 18 Sep 2018 4:58

Tgt Ion:178 Resp: 8968

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.1	22.7
179	15.5	11.8	17.6

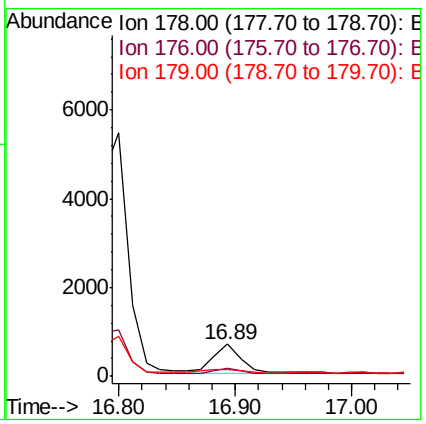




#24
Anthracene
Concen: 0.071 ng
RT: 16.89 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BE097517.D
Acq: 18 Sep 2018 4:58

Tgt Ion:178 Resp: 1114

Ion	Ratio	Lower	Upper
178	100		
176	18.4	12.8	19.2
179	19.6	13.0	19.6#



Instrument :
BNA_E
ClientSampleId :
AOC10-01-C

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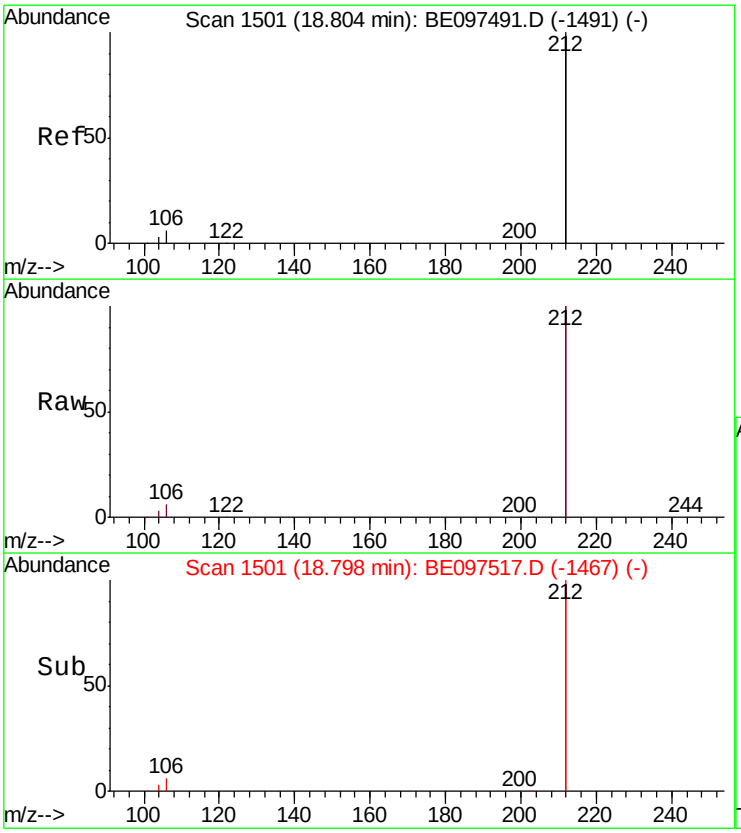
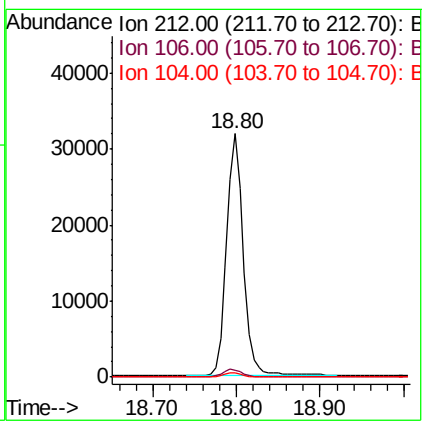
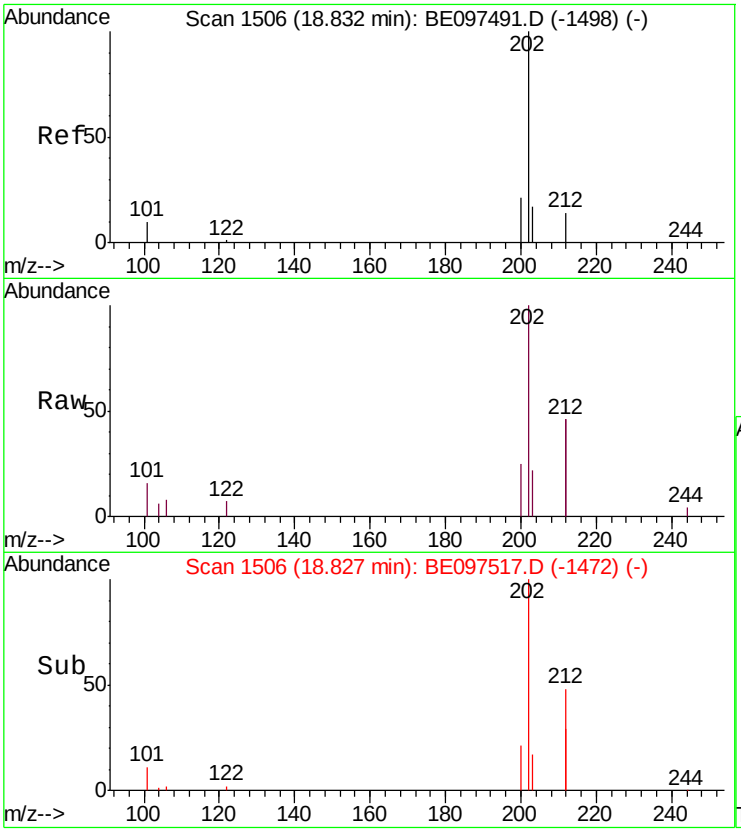


#25
Fluoranthene-d10
Concen: 0.505 ng
RT: 18.80 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BE097517.D
Acq: 18 Sep 2018 4:58

Tgt Ion:212 Resp: 43782

Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.8	4.2
104	1.7	1.6	2.4

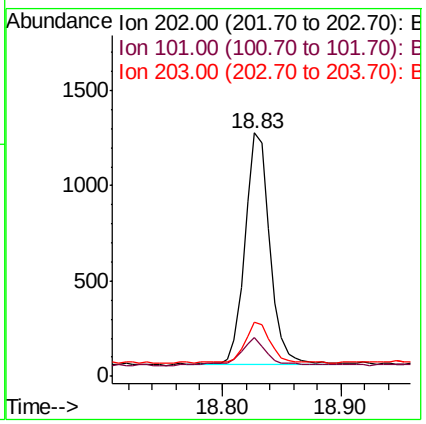




#26
Fluoranthene
Concen: 0.080 ng
RT: 18.83 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BE097517.D
Acq: 18 Sep 2018 4:58

Tgt Ion:202 Resp: 1781

Ion	Ratio	Lower	Upper
202	100		
101	13.8	9.8	14.8
203	18.5	13.7	20.5



Instrument :
BNA_E
ClientSampleId :
AOC10-01-C

Manual Integrations APPROVED
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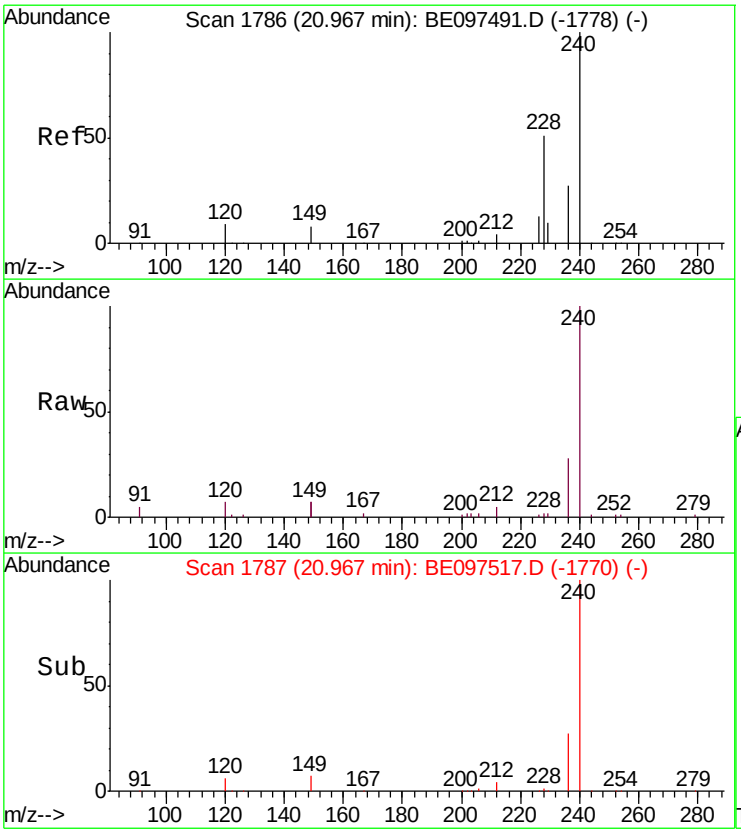
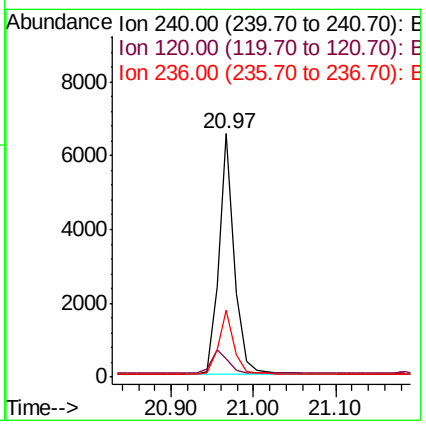
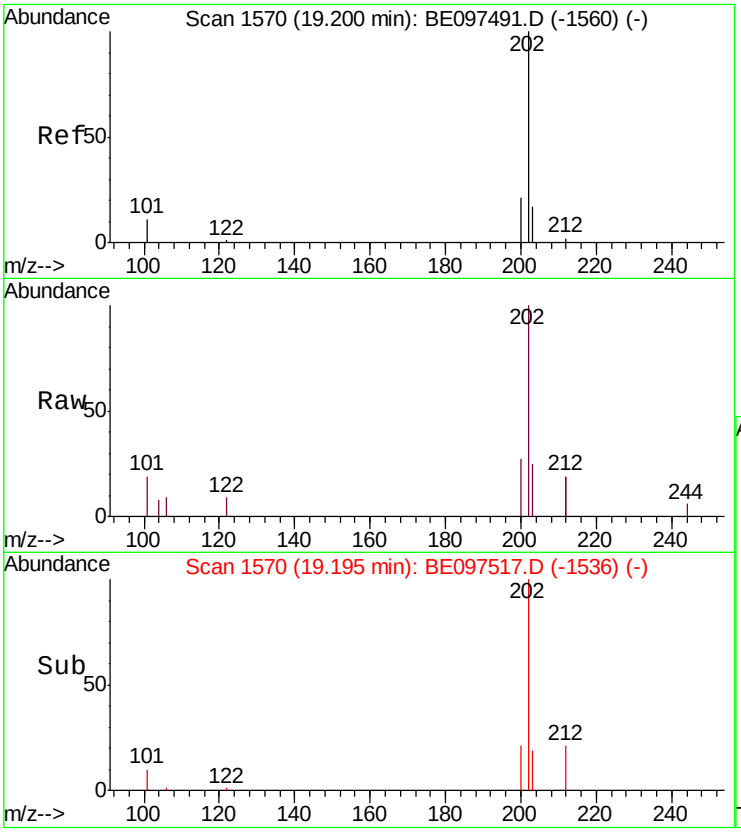


#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BE097517.D
Acq: 18 Sep 2018 4:58

Tgt Ion:240 Resp: 8709

Ion	Ratio	Lower	Upper
240	100		
120	7.5	5.5	8.3
236	27.6	20.7	31.1





#28
Pyrene
Concen: 0.062 ng
RT: 19.19 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BE097517.D
Acq: 18 Sep 2018 4:58

Tgt Ion:202 Resp: 1379

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	21.2	13.8	20.8#

Instrument :
BNA_E
ClientSampleId :
AOC10-01-C

Manual Integrations APPROVED
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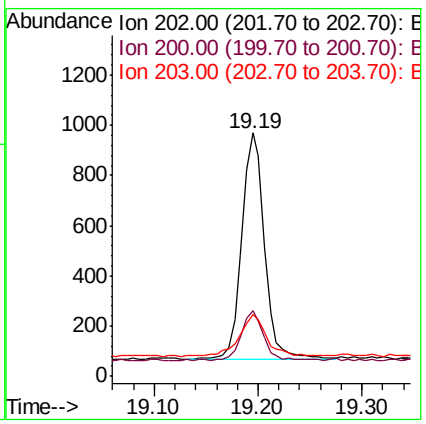
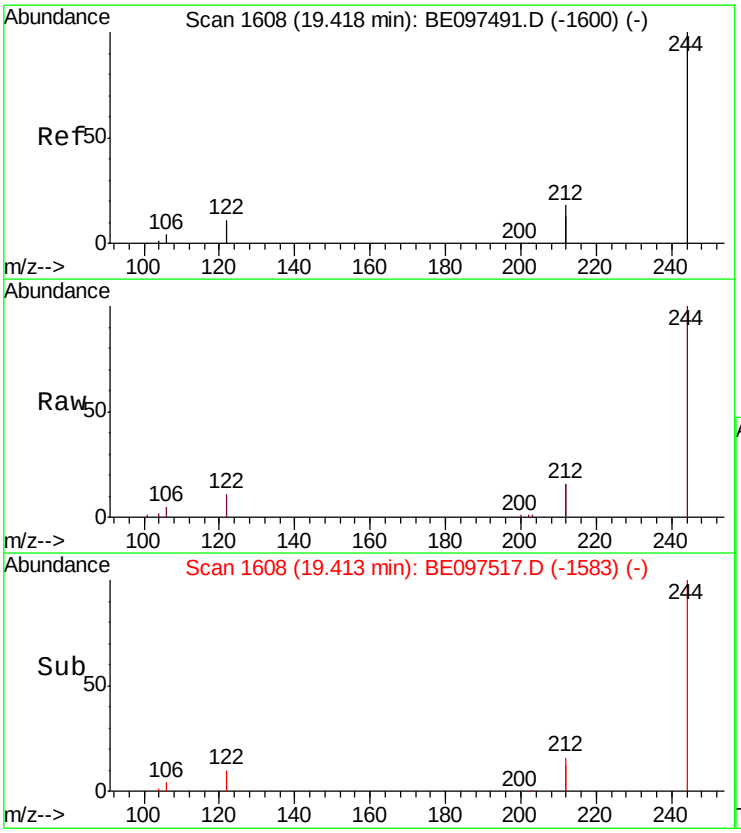
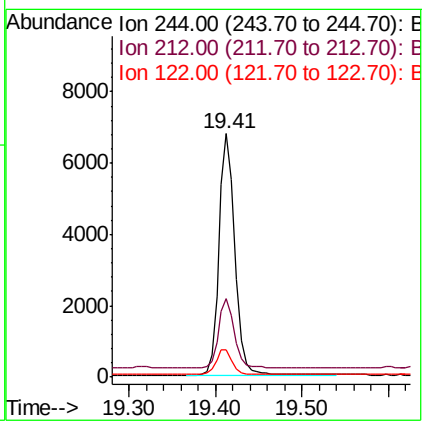


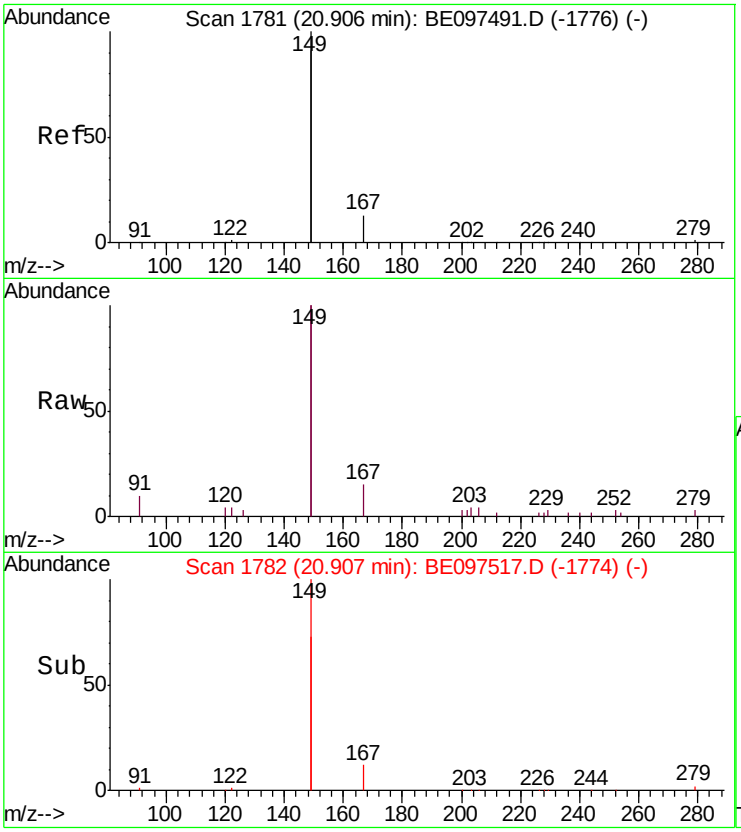


#29
Terphenyl-d14
Concen: 0.520 ng
RT: 19.41 min Scan# 1608
Delta R.T. -0.01 min
Lab File: BE097517.D
Acq: 18 Sep 2018 4:58

Tgt Ion:244 Resp: 8661

Ion	Ratio	Lower	Upper
244	100		
212	32.4	25.4	38.0
122	11.3	8.1	12.1





#32
Bis(2-ethylhexyl)phthalate
Concen: 0.144 ng
RT: 20.91 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BE097517.D
Acq: 18 Sep 2018 4:58

Tgt Ion:149 Resp: 7000

Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.4	8.0
279	1.1	0.7	1.1

Instrument :
BNA_E
ClientSampleId :
AOC10-01-C

Manual Integrations APPROVED
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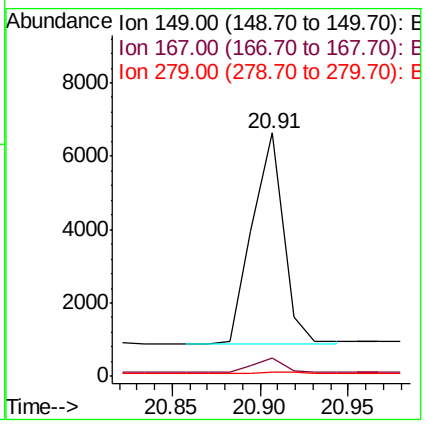

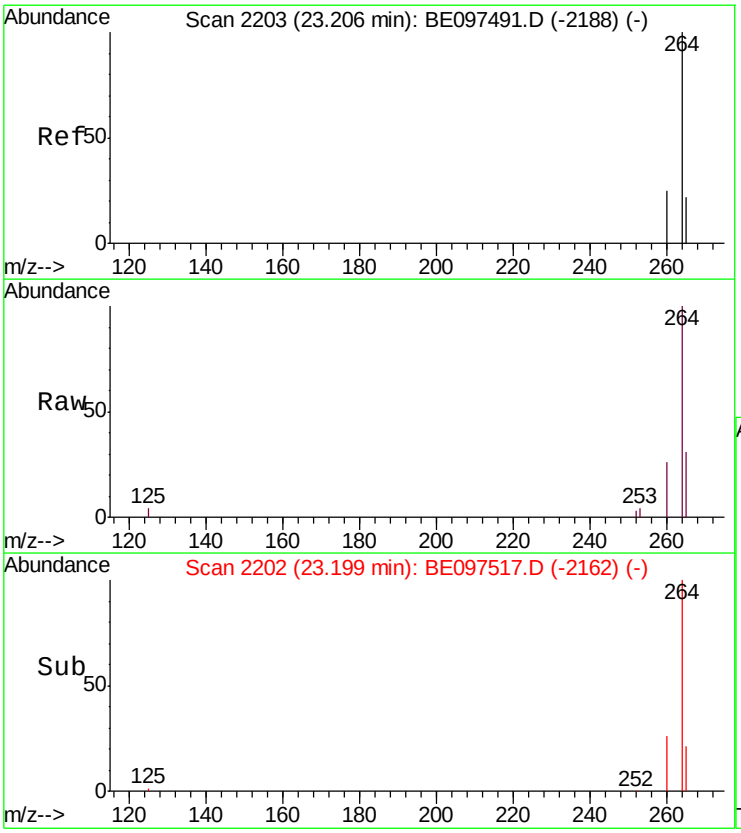

#34
Perylene-d12
Concen: 0.400 ng
RT: 23.20 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BE097517.D
Acq: 18 Sep 2018 4:58

Tgt Ion:264 Resp: 8750

Ion	Ratio	Lower	Upper
264	100		
260	26.2	20.5	30.7
265	31.3	22.8	34.2