Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092018\
Data File : BE097595.D
Acq On : 21 Sep 2018 4:57
Operator : SJ/JU
Sample : J4969-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
FT-DUP07-20180917

Manual Integrations APPROVED
Sohil
9/21/2018 4:09:38 PM

Quant Time: Sep 21 07:15:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 20 10:54:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	711	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	2962	0.40	ng	0.01
13) Acenaphthene-d10	14.00	164	1809	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	5880	0.40	ng	0.00
27) Chrysene-d12	20.97	240	8335	0.40	ng	0.00
34) Perylene-d12	23.20	264	8320	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	444	0.21	ng	0.00
5) Phenol-d6	6.63	99	261m	0.10	ng	0.02
8) Nitrobenzene-d5	8.56	82	829	0.36	ng	0.03
11) 2-Methylnaphthalene-d10	11.74	152	1827	0.45	ng	0.03
14) 2,4,6-Tribromophenol	15.53	330	281	0.41	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	3123	0.49	ng	0.01
25) Fluoranthene-d10	18.80	212	34609	0.46	ng	0.00
29) Terphenyl-d14	19.41	244	8542	0.56	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.08	88	422	0.342	ng	# 88
32) Bis(2-ethylhexyl)phthalate	20.89	149	1630	0.057	ng	# 99

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

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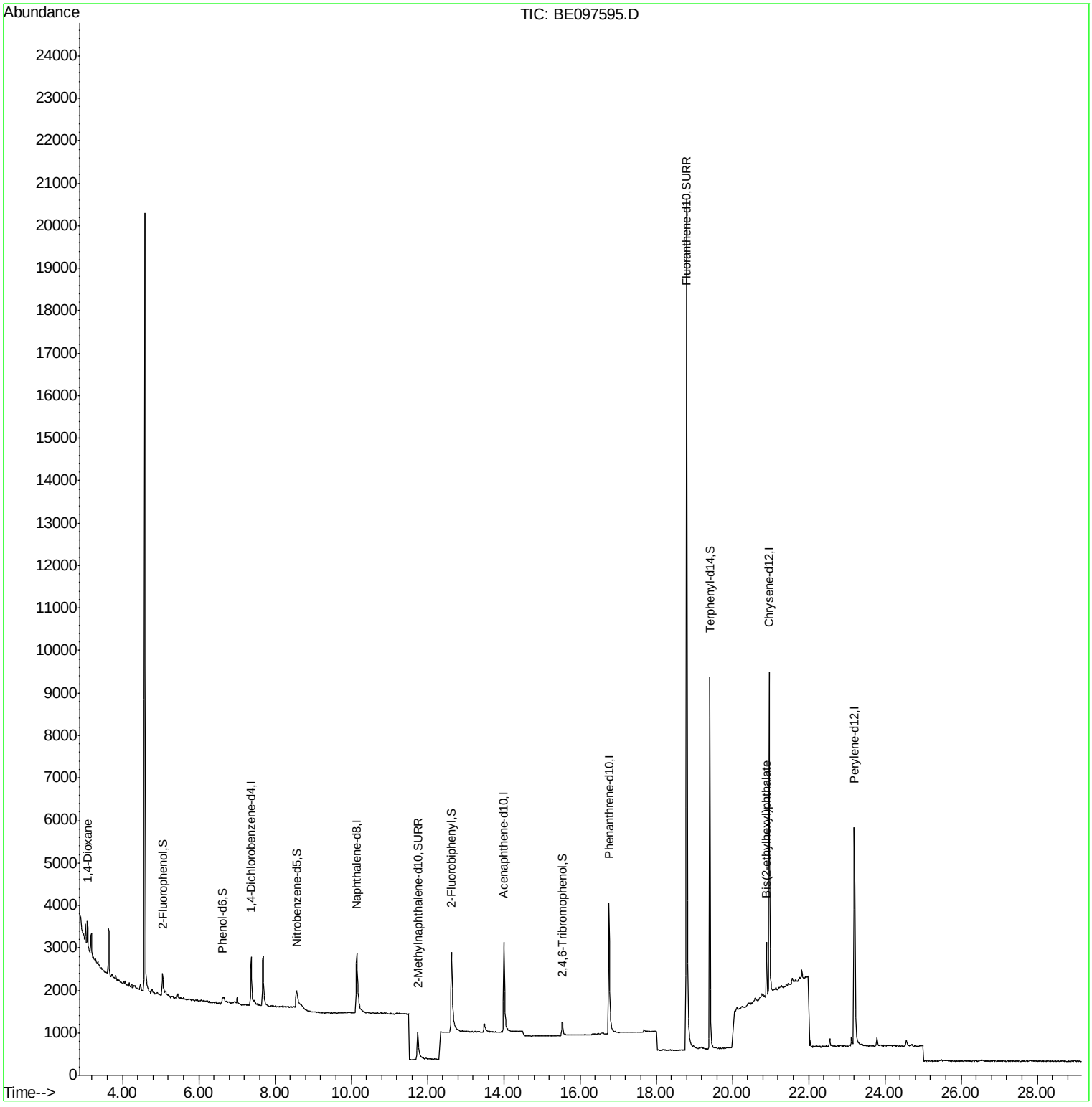
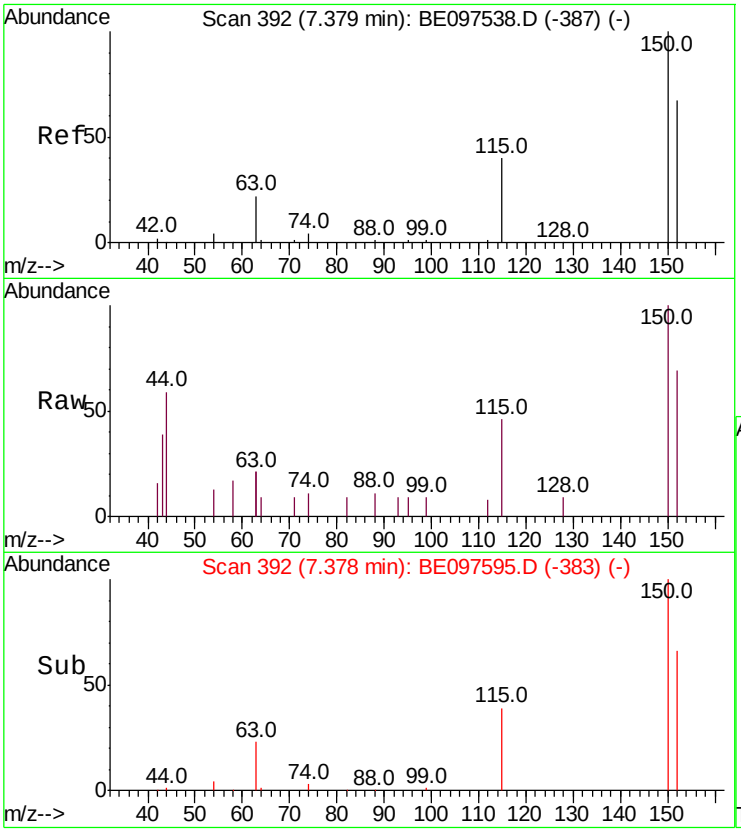
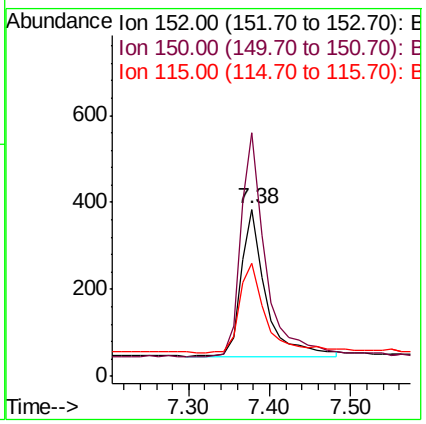




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097595.D
Acq: 21 Sep 2018 4:57

Tgt Ion:152 Resp: 711

Ion	Ratio	Lower	Upper
152	100		
150	145.5	117.2	175.8
115	67.3	57.0	85.6



Instrument :
BNA_E
ClientSampleId :
FT-DUP07-20180917

Manual Integrations APPROVED
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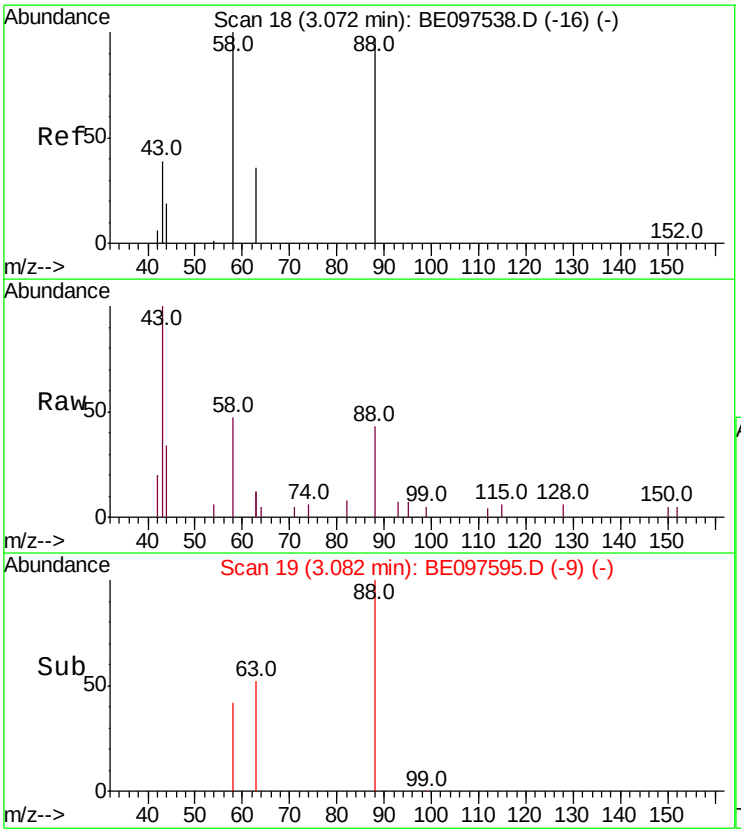
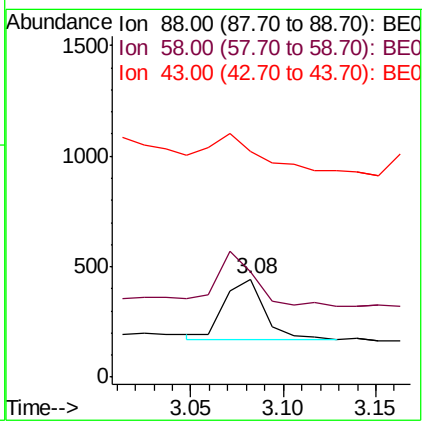
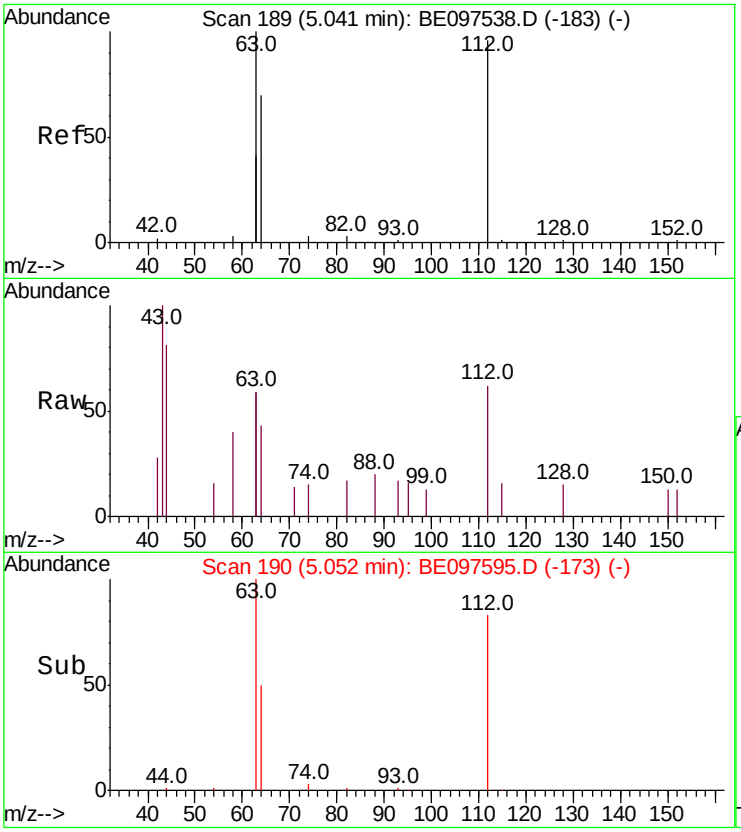


#2
1,4-Dioxane
Concen: 0.342 ng
RT: 3.08 min Scan# 19
Delta R.T. 0.01 min
Lab File: BE097595.D
Acq: 21 Sep 2018 4:57

Tgt Ion: 88 Resp: 422

Ion	Ratio	Lower	Upper
88	100		
58	80.6	63.2	94.8
43	70.6	41.2	61.8#

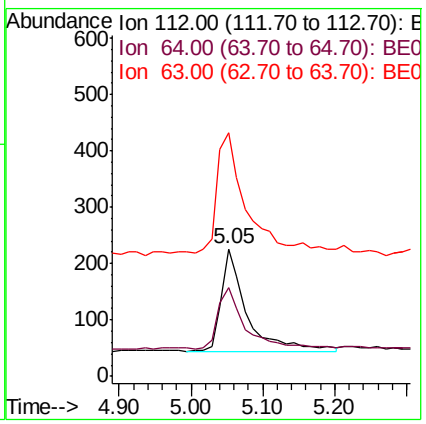




#4
2-Fluorophenol
Concen: 0.208 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE097595.D
Acq: 21 Sep 2018 4:57

Tgt Ion:112 Resp: 444

Ion	Ratio	Lower	Upper
112	100		
64	64.0	60.1	90.1
63	135.8	116.8	175.2



Instrument :
BNA_E
ClientSampleId :
FT-DUP07-20180917

Manual Integrations APPROVED
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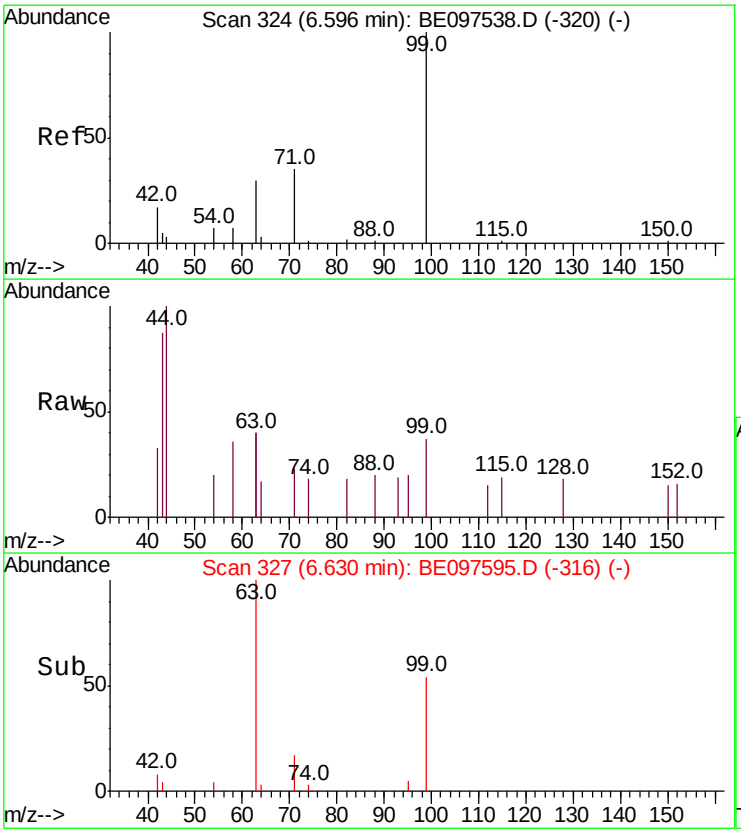
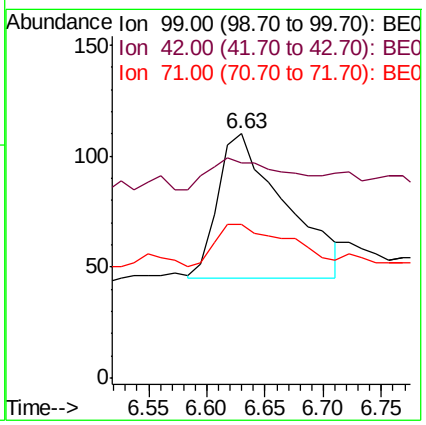
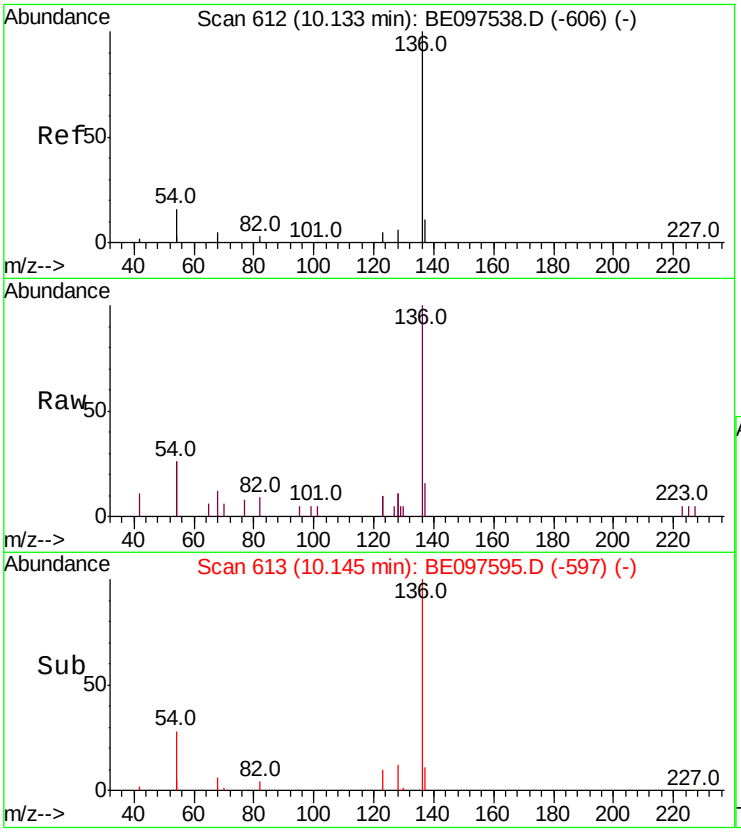


#5
Phenol-d6
Concen: 0.096 ng m
RT: 6.63 min Scan# 327
Delta R.T. 0.02 min
Lab File: BE097595.D
Acq: 21 Sep 2018 4:57

Tgt Ion: 99 Resp: 261

Ion	Ratio	Lower	Upper
99	100		
42	18.8	20.2	30.2#
71	24.5	28.4	42.6#

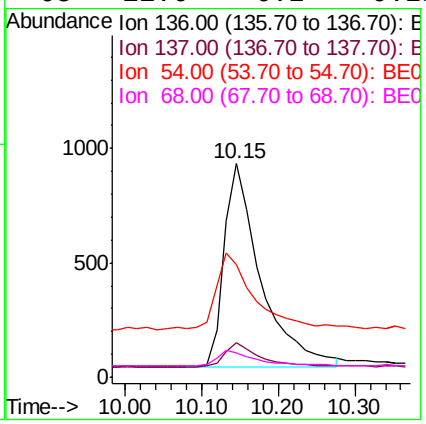




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 613
Delta R.T. 0.01 min
Lab File: BE097595.D
Acq: 21 Sep 2018 4:57

Tgt Ion:136 Resp: 2962

Ion	Ratio	Lower	Upper
136	100		
137	16.0	9.5	14.3#
54	52.7	29.1	43.7#
68	11.6	6.2	9.2#



Instrument :
BNA_E
ClientSampleId :
FT-DUP07-20180917

Manual Integrations APPROVED
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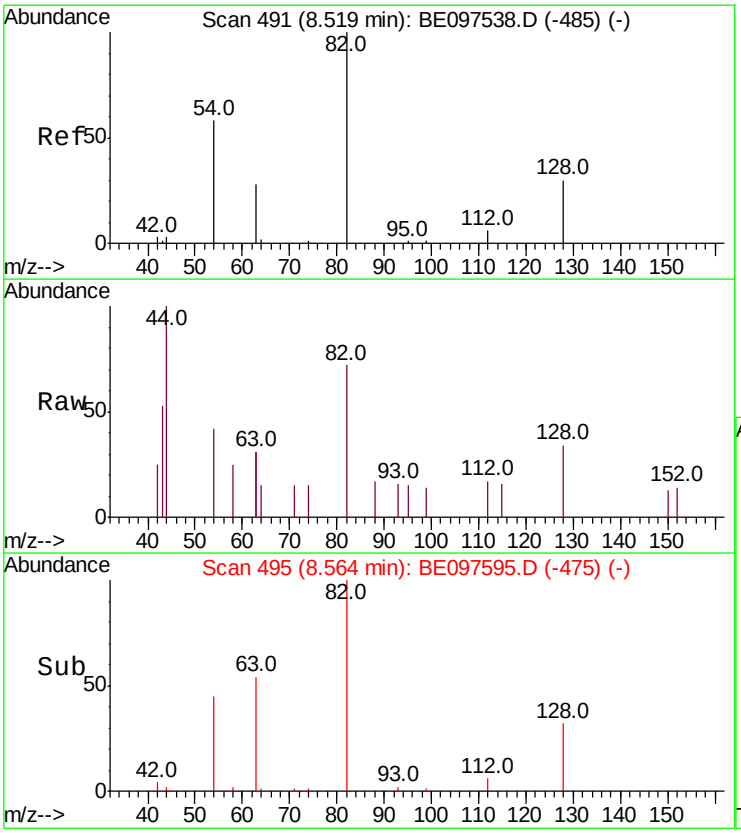
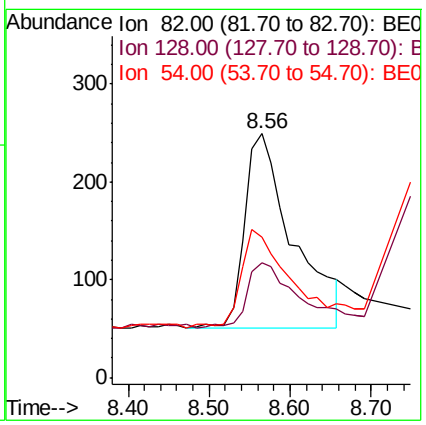
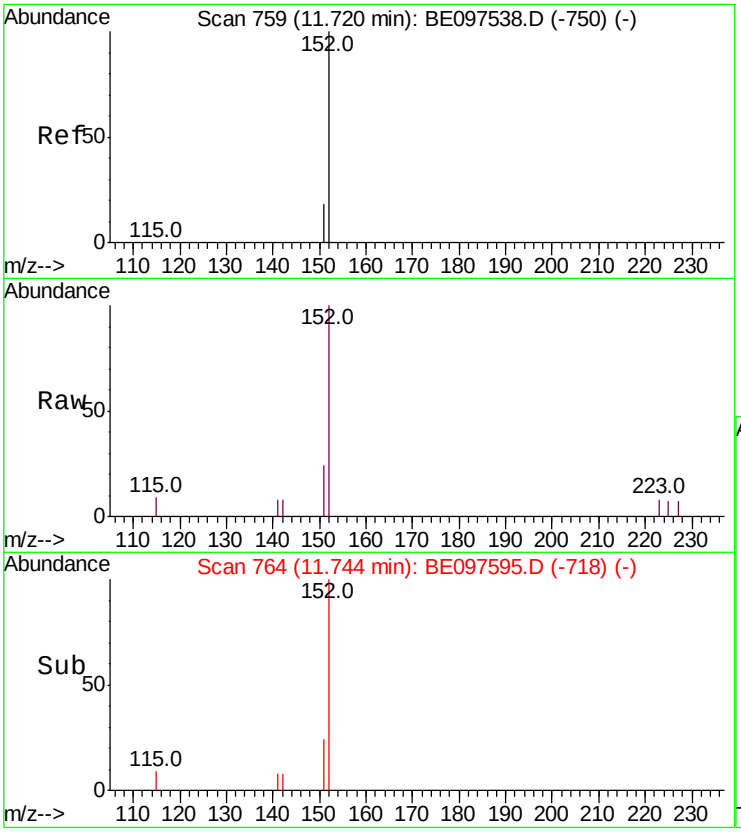


#8
Nitrobenzene-d5
Concen: 0.362 ng
RT: 8.56 min Scan# 495
Delta R.T. 0.03 min
Lab File: BE097595.D
Acq: 21 Sep 2018 4:57

Tgt Ion: 82 Resp: 829

Ion	Ratio	Lower	Upper
82	100		
128	47.0	24.0	36.0#
54	57.4	40.0	60.0

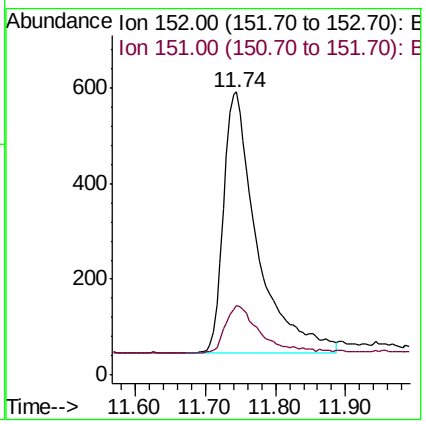




#11
2-Methylnaphthalene-d10
Concen: 0.447 ng
RT: 11.74 min Scan# 764
Delta R.T. 0.03 min
Lab File: BE097595.D
Acq: 21 Sep 2018 4:57

Tgt Ion:152 Resp: 1827

Ion	Ratio	Lower	Upper
152	100		
151	18.4	15.4	23.0



Instrument :
BNA_E
ClientSampleId :
FT-DUP07-20180917

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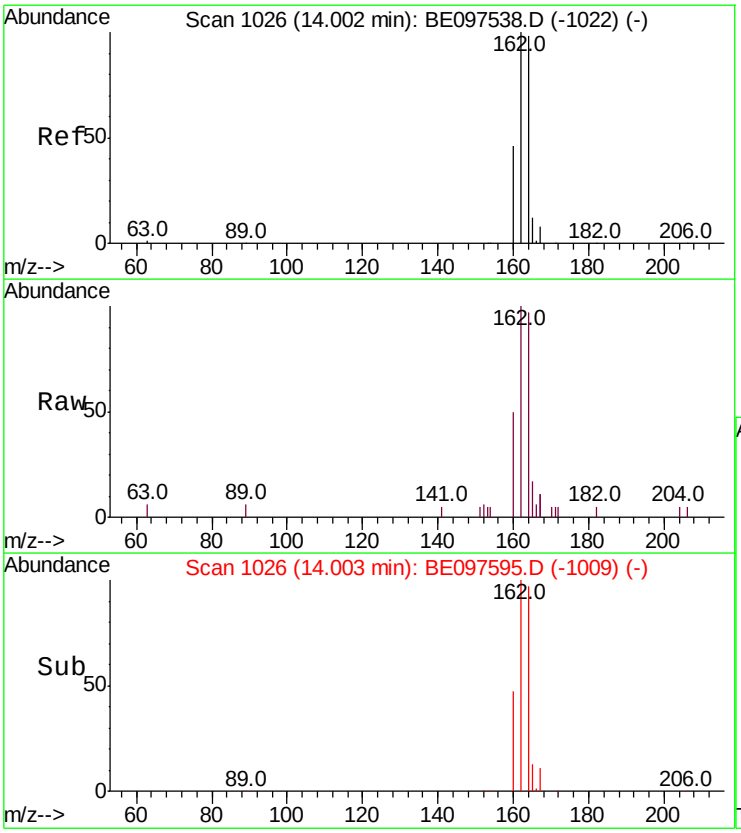
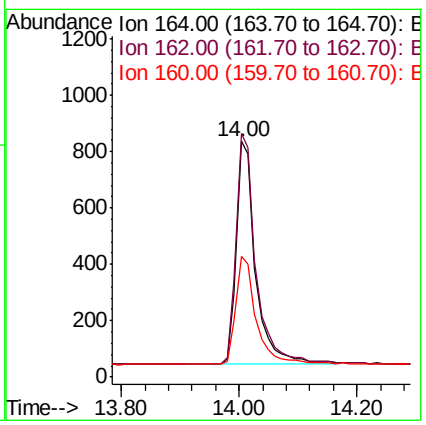
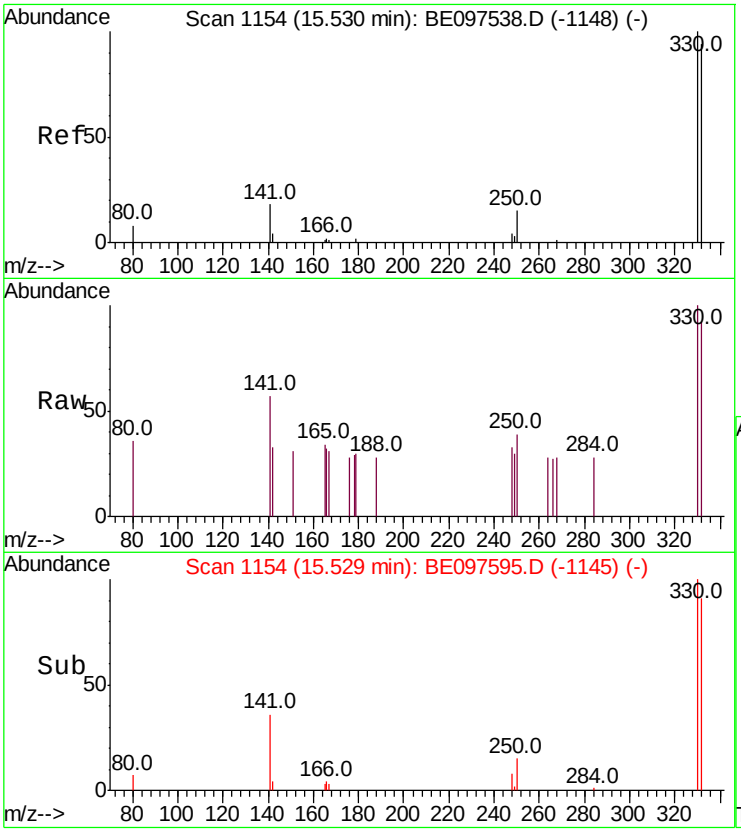


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE097595.D
Acq: 21 Sep 2018 4:57

Tgt Ion:164 Resp: 1809

Ion	Ratio	Lower	Upper
164	100		
162	103.2	83.1	124.7
160	51.4	37.1	55.7





#14
2,4,6-Tribromophenol
Concen: 0.412 ng
RT: 15.53 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BE097595.D
Acq: 21 Sep 2018 4:57

Tgt Ion:330 Resp: 281

Ion	Ratio	Lower	Upper
330	100		
332	97.2	152.7	229.1#
141	37.7	33.7	50.5

Instrument :
BNA_E
ClientSampleId :
FT-DUP07-20180917

Manual Integrations APPROVED
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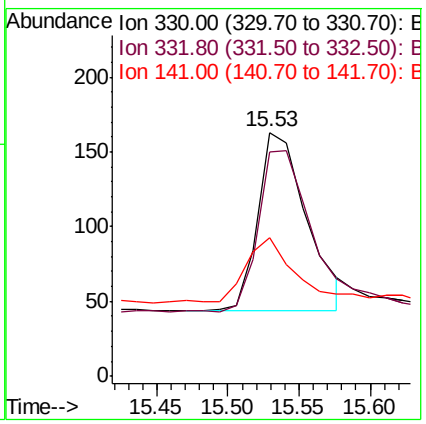
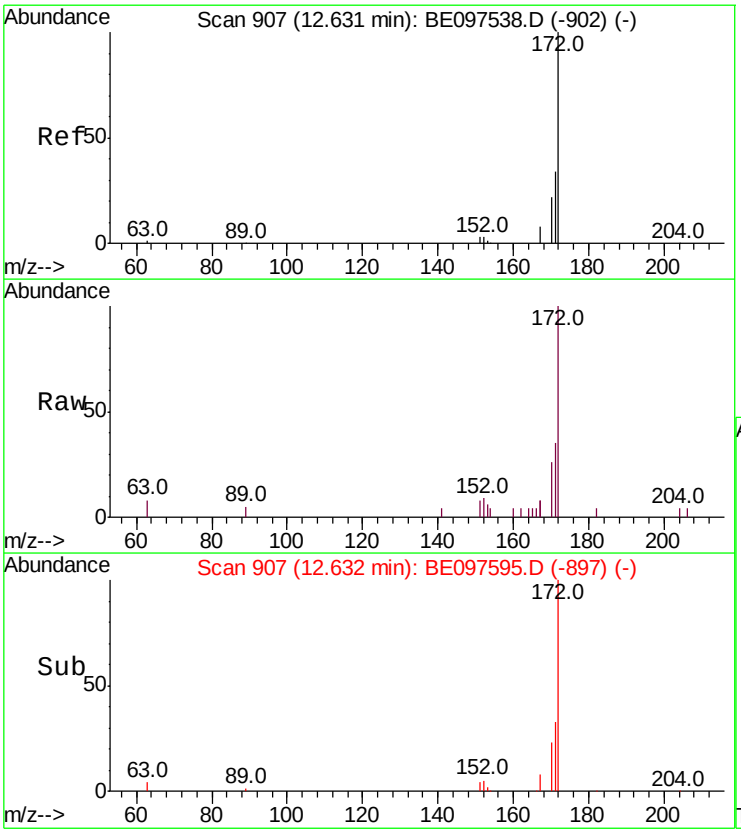
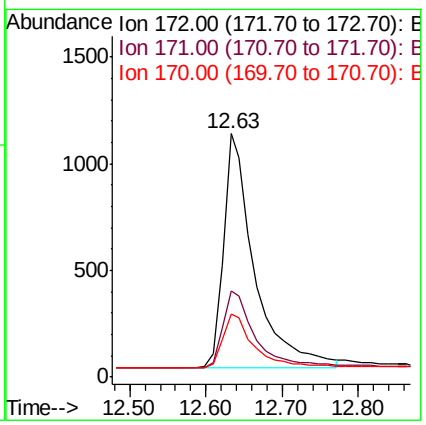


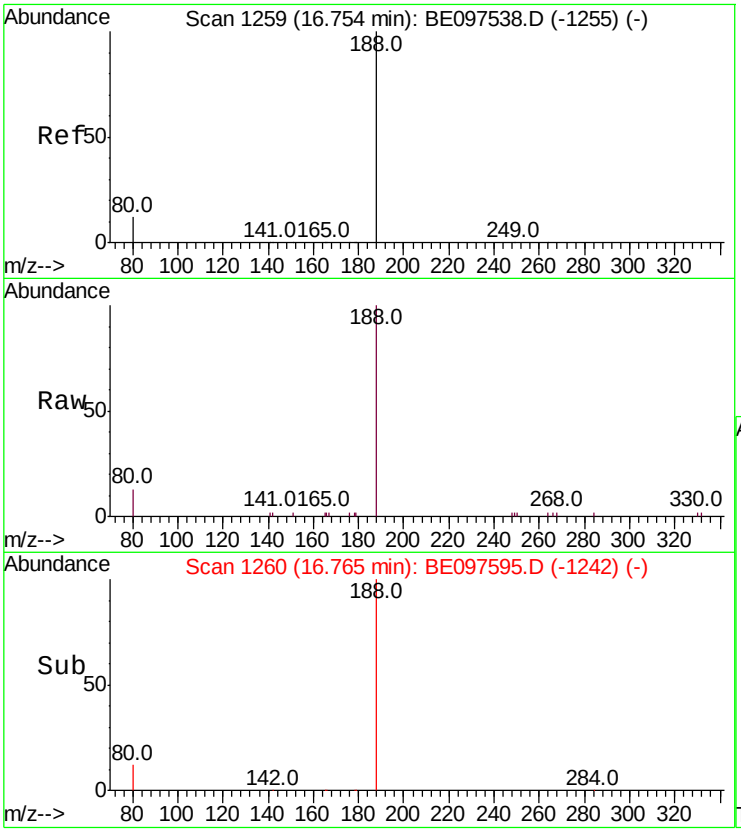


#15
2-Fluorobiphenyl
Concen: 0.489 ng
RT: 12.63 min Scan# 907
Delta R.T. 0.01 min
Lab File: BE097595.D
Acq: 21 Sep 2018 4:57

Tgt Ion:172 Resp: 3123

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.9	44.9
170	25.9	21.8	32.8





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.76 min Scan# 1260
Delta R.T. 0.01 min
Lab File: BE097595.D
Acq: 21 Sep 2018 4:57

Tgt Ion:188 Resp: 5880

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	13.3	3.6	5.4#

Instrument :
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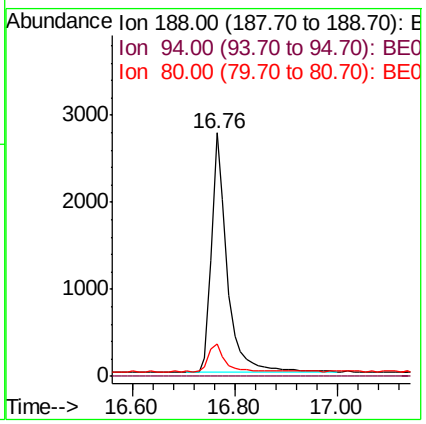
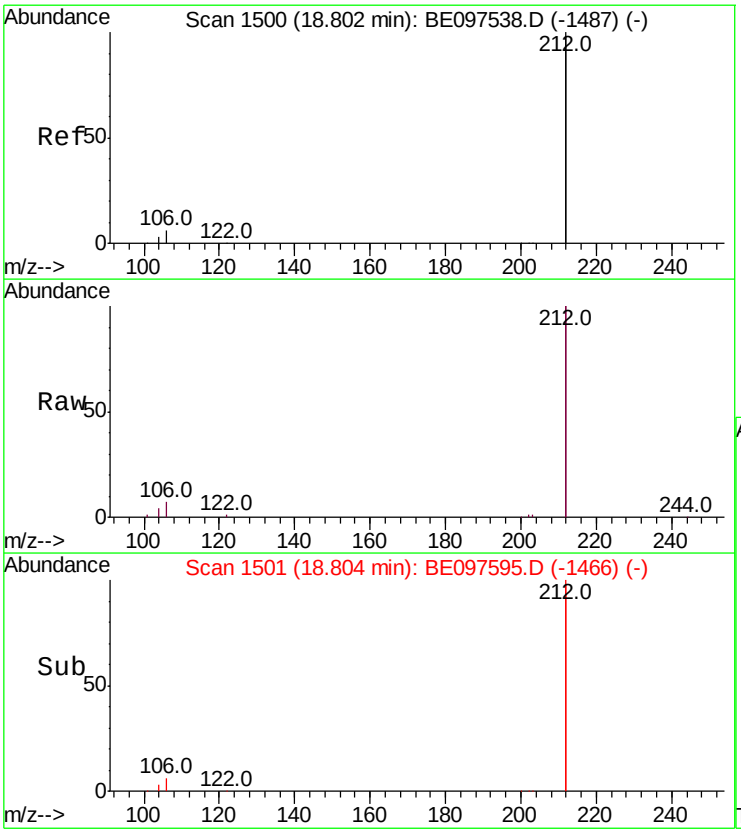
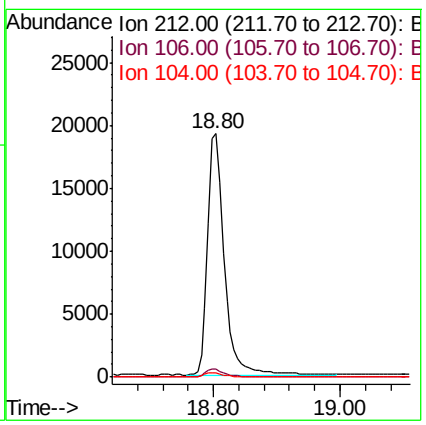


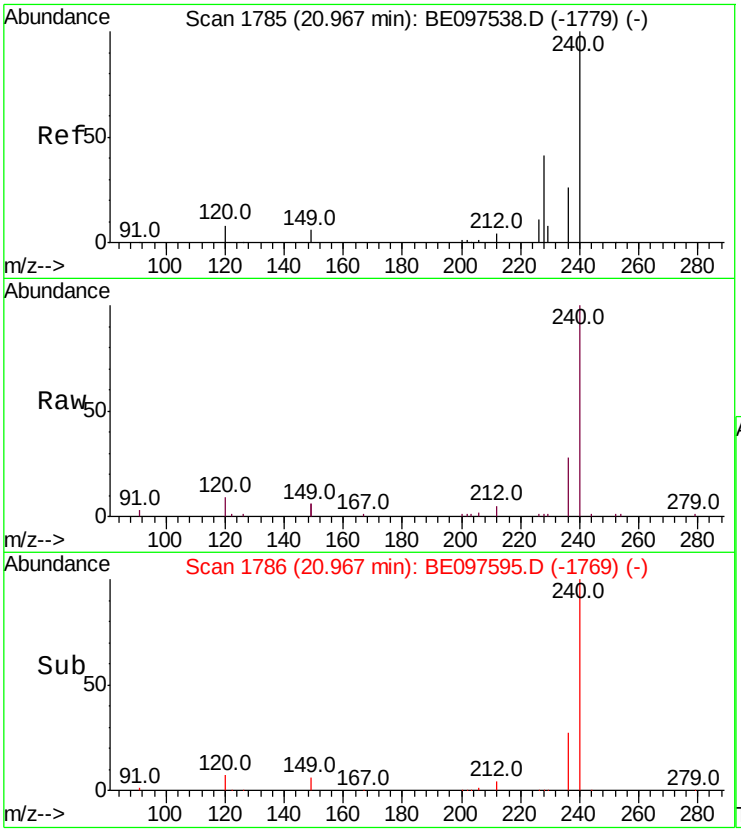


#25
Fluoranthene-d10
Concen: 0.460 ng
RT: 18.80 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BE097595.D
Acq: 21 Sep 2018 4:57

Tgt Ion:212 Resp: 34609

Ion	Ratio	Lower	Upper
212	100		
106	3.2	2.8	4.2
104	1.7	1.6	2.4





#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BE097595.D
Acq: 21 Sep 2018 4:57

Tgt Ion:240 Resp: 8335

Ion	Ratio	Lower	Upper
240	100		
120	8.6	5.5	8.3#
236	27.5	20.7	31.1

Instrument :
BNA_E
ClientSampleId :
FT-DUP07-20180917

Manual Integrations APPROVED
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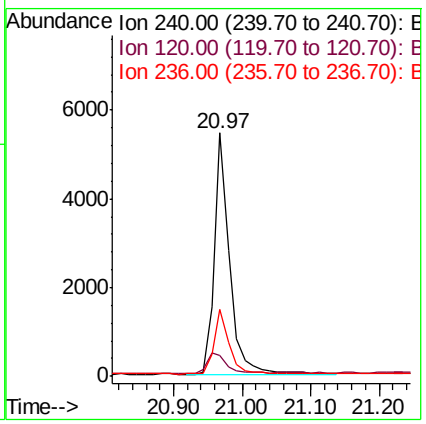
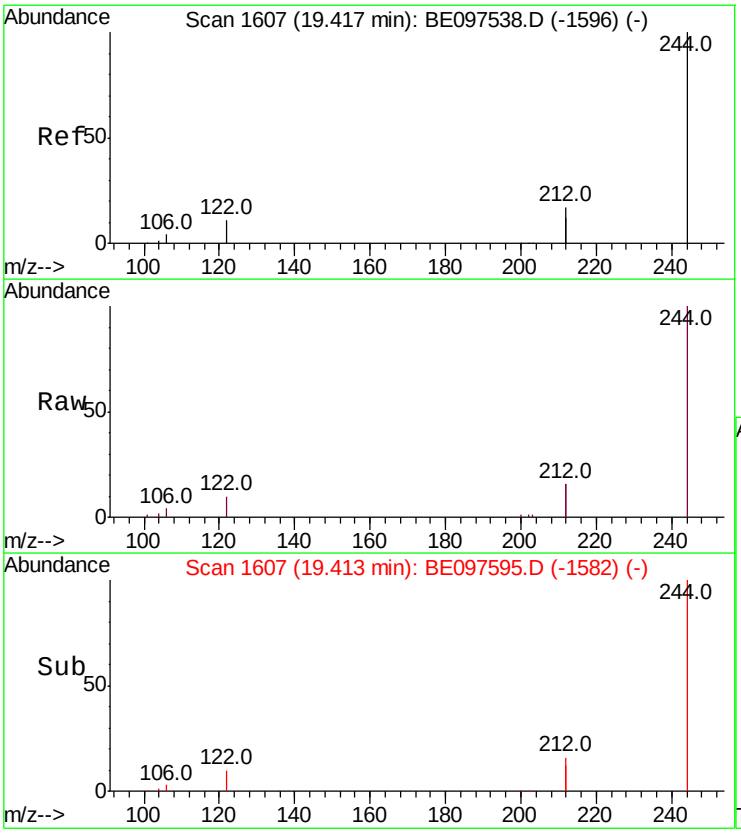
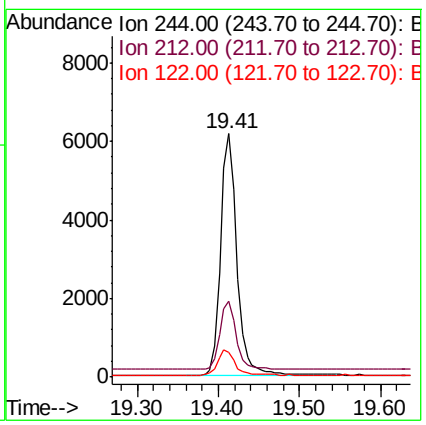


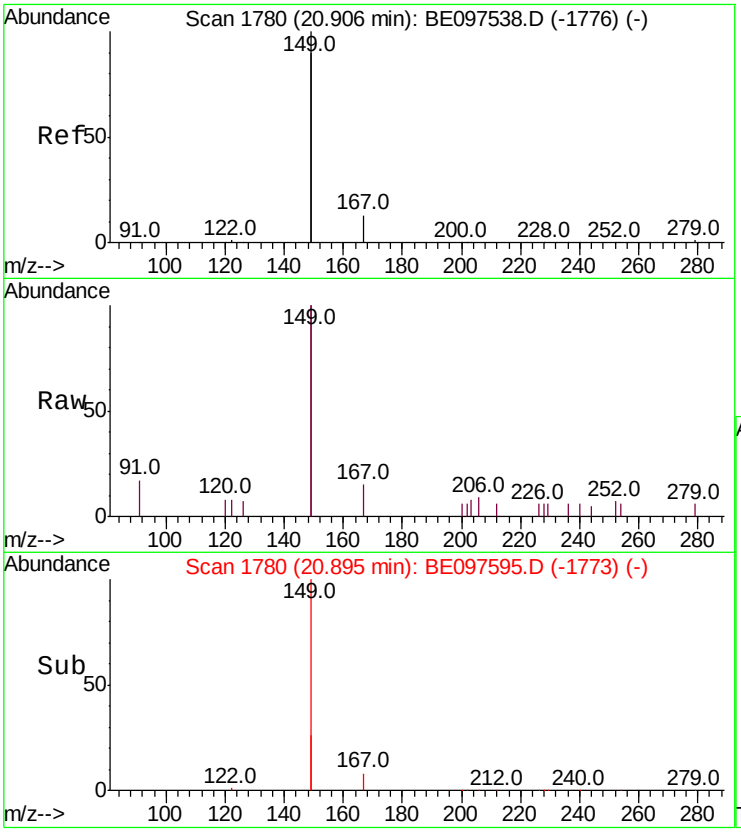


#29
Terphenyl-d14
Concen: 0.560 ng
RT: 19.41 min Scan# 1607
Delta R.T. -0.01 min
Lab File: BE097595.D
Acq: 21 Sep 2018 4:57

Tgt Ion:244 Resp: 8542

Ion	Ratio	Lower	Upper
244	100		
212	31.1	25.4	38.0
122	10.4	8.1	12.1





#32
Bis(2-ethylhexyl)phthalate
Concen: 0.057 ng
RT: 20.89 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BE097595.D
Acq: 21 Sep 2018 4:57

Tgt Ion:149 Resp: 1630

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	1.8	0.7	1.1#

Instrument :
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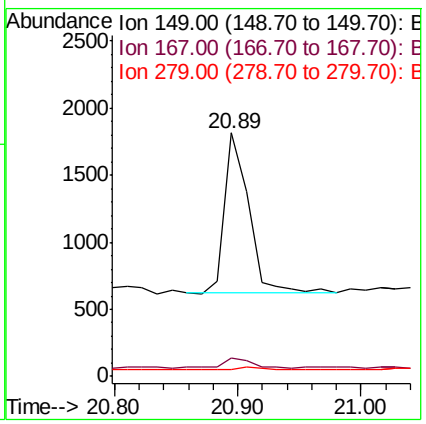

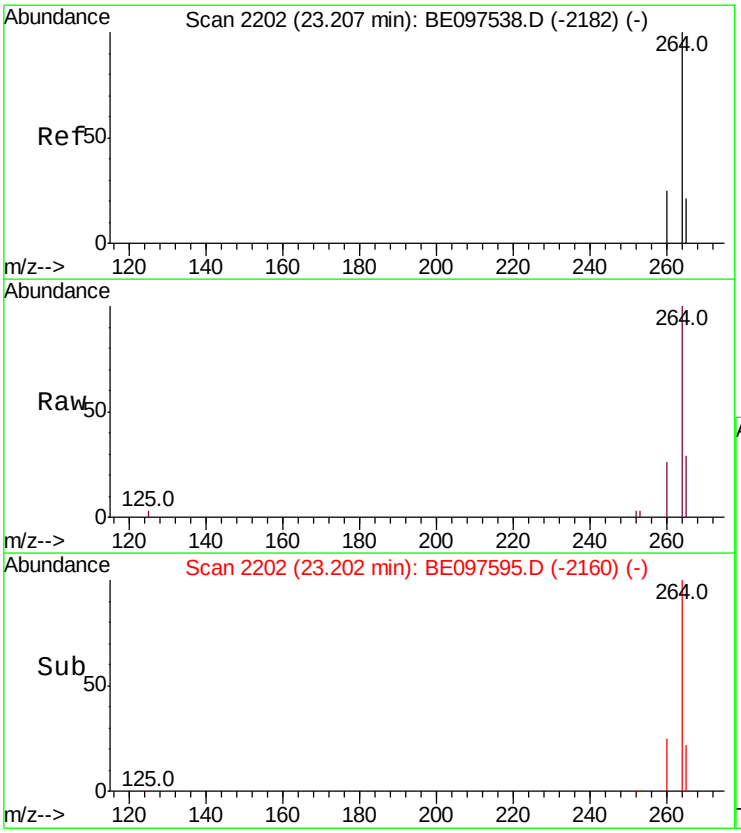

#34
Perylene-d12
Concen: 0.400 ng
RT: 23.20 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BE097595.D
Acq: 21 Sep 2018 4:57

Tgt Ion:264 Resp: 8320

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.5	30.7
265	29.0	22.8	34.2