Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE043018\
Data File : BE096239.D
Acq On : 1 May 2018 1:33
Operator : SJ/JU
Sample : J2600-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
BP-DUP01-20180424

Manual Integrations APPROVED
Sohil
5/1/2018 7:07:16 PM

Quant Time: May 01 18:27:22 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 30 14:27:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	1021	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	4107	0.40	ng	0.00
13) Acenaphthene-d10	14.94	164	5294	0.40	ng	0.00
19) Phenanthrene-d10	17.67	188	4259	0.40	ng	0.02
27) Chrysene-d12	21.75	240	4185	0.40	ng	0.01
34) Perylene-d12	24.37	264	3824	0.40	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.88	112	877	0.28	ng	0.02
5) Phenol-d6	7.53	99	456	0.10	ng	0.02
8) Nitrobenzene-d5	9.54	82	2943	0.61	ng	0.00
11) 2-Methylnaphthalene-d10	12.73	152	2616	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.50	330	446m	0.17	ng	0.08
15) 2-Fluorobiphenyl	13.59	172	4384	0.19	ng	0.01
25) Fluoranthene-d10	19.65	212	21046	0.36	ng	0.02
29) Terphenyl-d14	20.20	244	4061	0.44	ng	0.01
Target Compounds						Qvalue
9) Naphthalene	11.24	128	14406	0.333	ng	# 82

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

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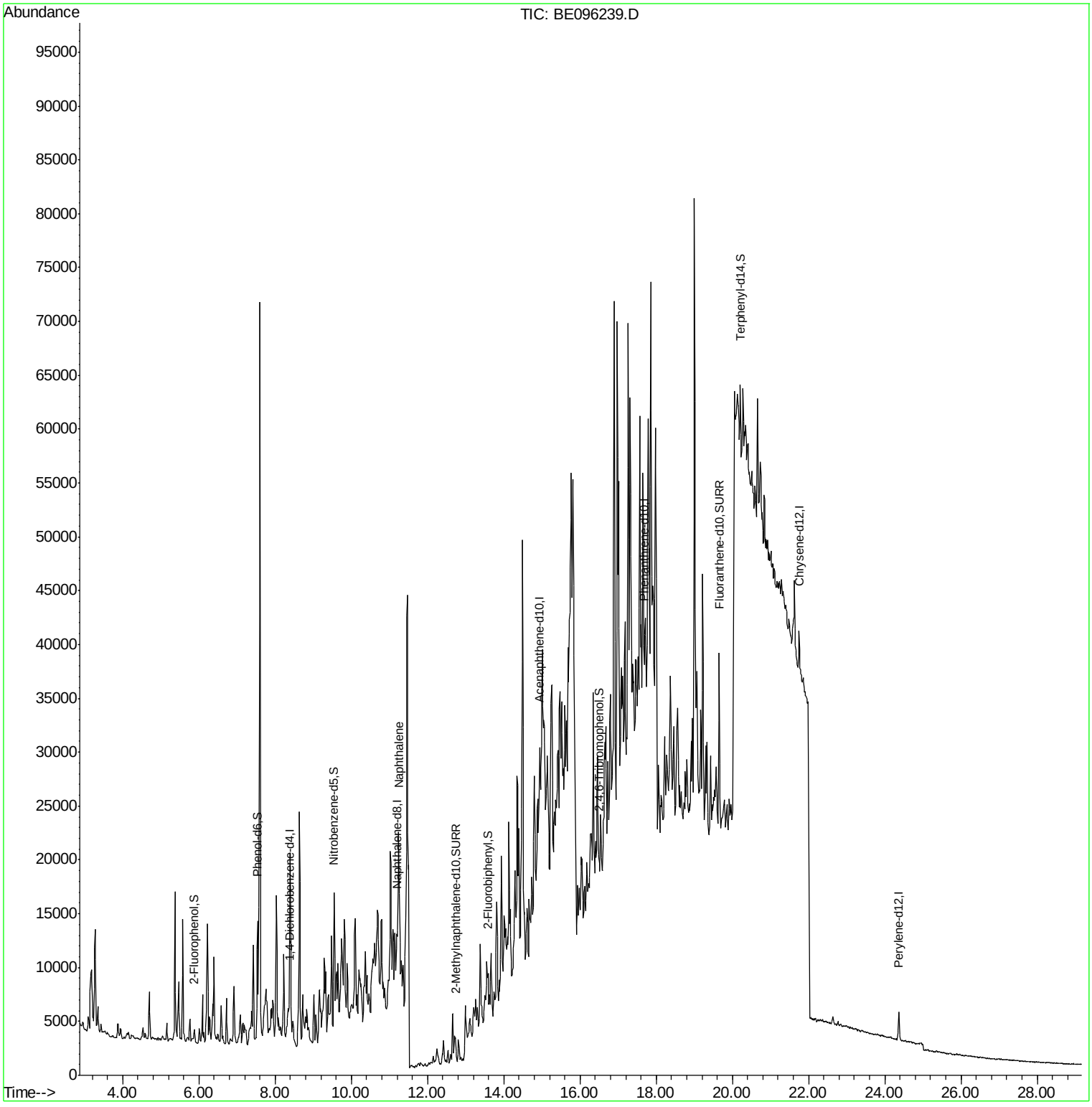
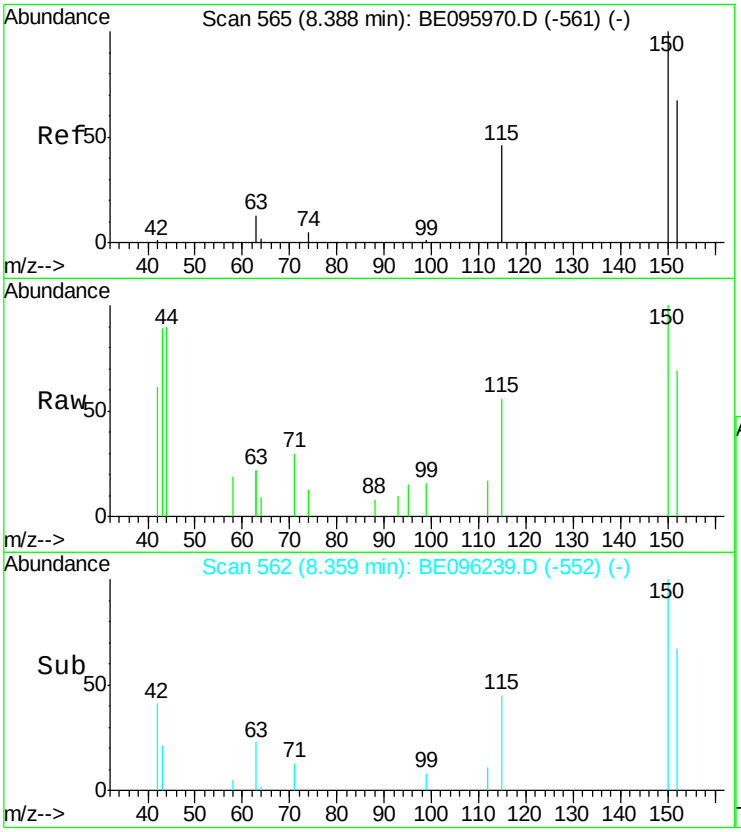
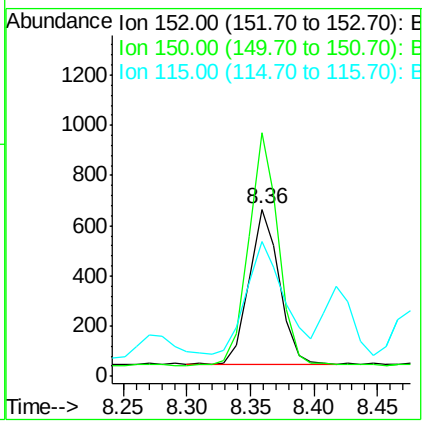




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.36 min Scan# 562
Delta R.T. 0.00 min
Lab File: BE096239.D
Acq: 1 May 2018 1:33

Tgt Ion:152 Resp: 1021

Ion	Ratio	Lower	Upper
152	100		
150	145.9	117.2	175.8
115	81.1	57.0	85.6



Instrument :
BNA_E
ClientSampleId :
BP-DUP01-20180424

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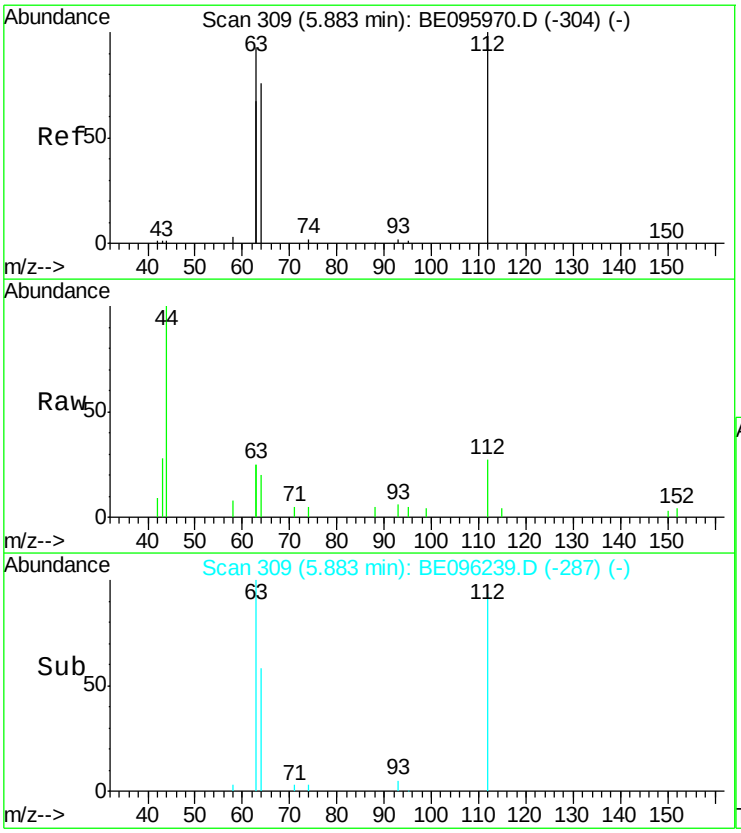
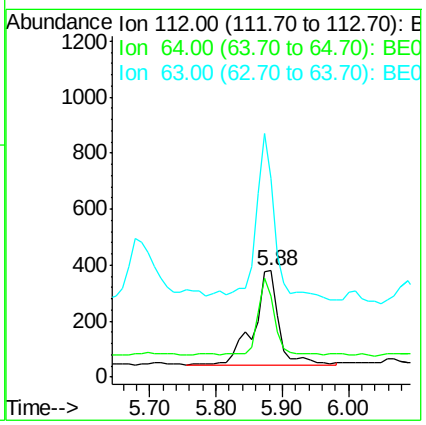
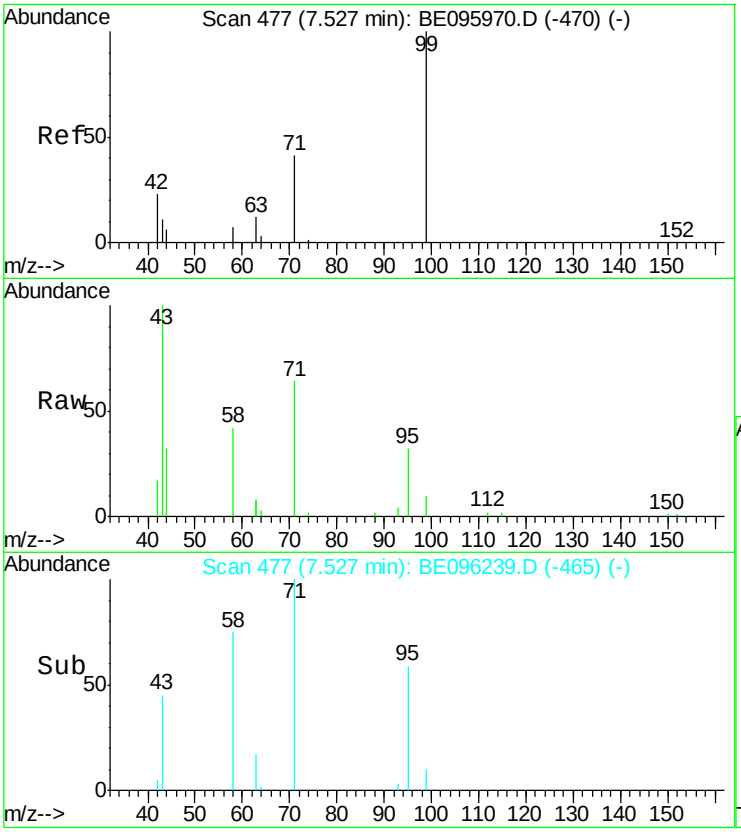


#4
2-Fluorophenol
Concen: 0.278 ng
RT: 5.88 min Scan# 309
Delta R.T. 0.02 min
Lab File: BE096239.D
Acq: 1 May 2018 1:33

Tgt Ion:112 Resp: 877

Ion	Ratio	Lower	Upper
112	100		
64	53.9	60.1	90.1#
63	112.3	116.8	175.2#

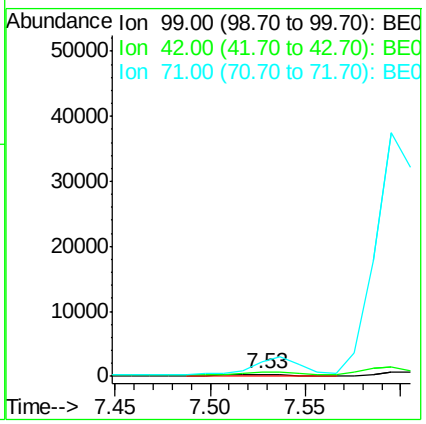




#5
Phenol-d6
Concen: 0.105 ng
RT: 7.53 min Scan# 477
Delta R.T. 0.02 min
Lab File: BE096239.D
Acq: 1 May 2018 1:33

Tgt Ion: 99 Resp: 456

Ion	Ratio	Lower	Upper
99	100		
42	214.5	20.2	30.2#
71	1130.7	28.4	42.6#



Instrument :
BNA_E
ClientSampleId :
BP-DUP01-20180424

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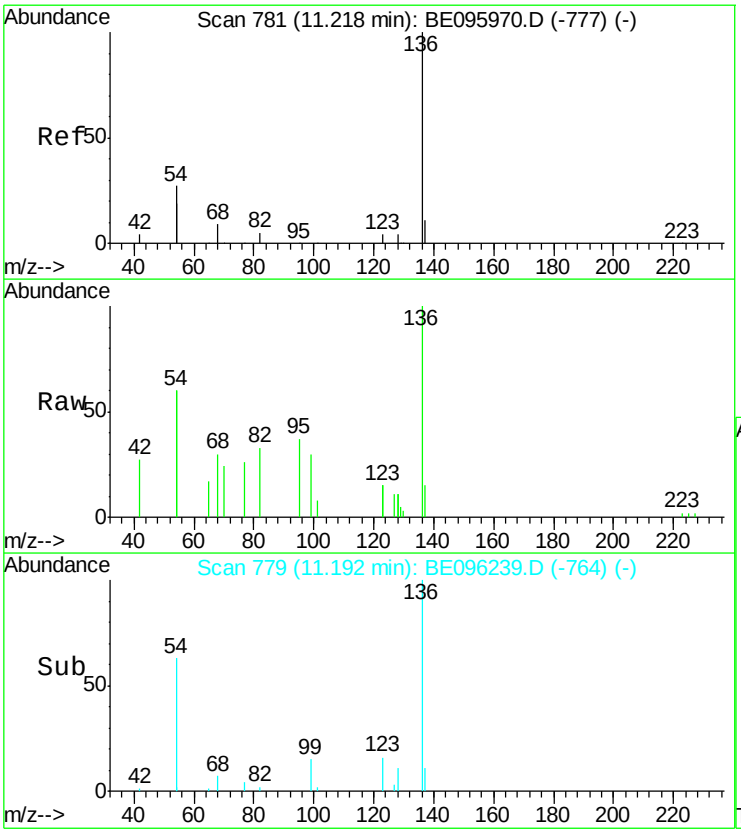
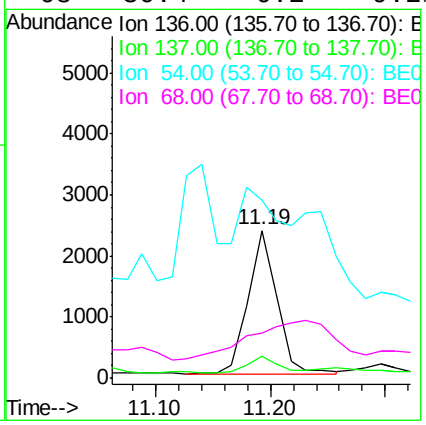
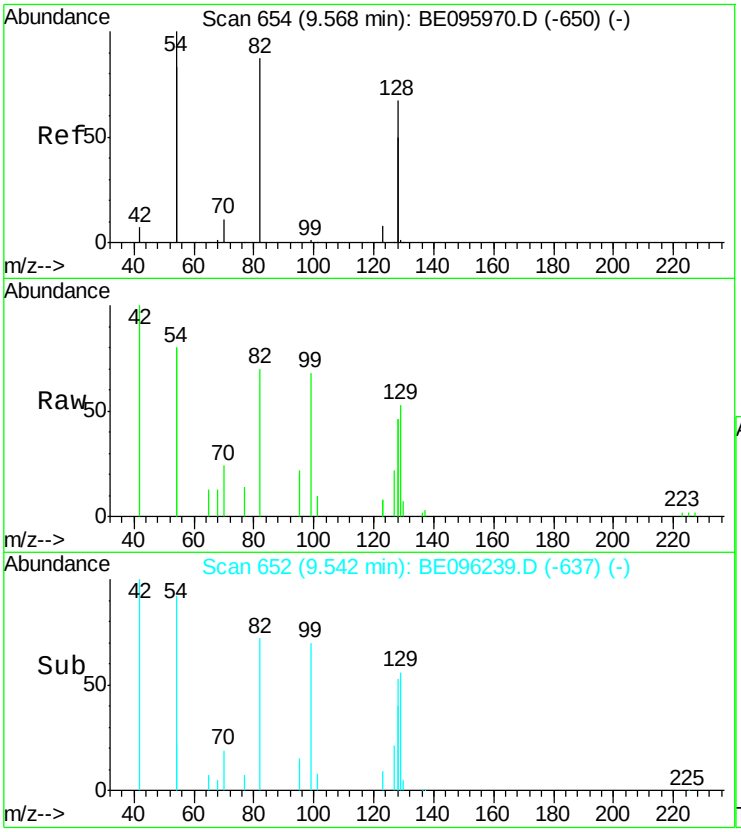


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.19 min Scan# 779
Delta R.T. 0.00 min
Lab File: BE096239.D
Acq: 1 May 2018 1:33

Tgt Ion:136 Resp: 4107

Ion	Ratio	Lower	Upper
136	100		
137	14.8	9.5	14.3#
54	120.0	29.1	43.7#
68	30.4	6.2	9.2#

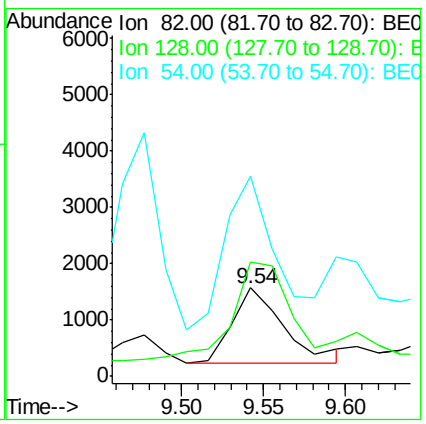




#8
Nitrobenzene-d5
Concen: 0.611 ng
RT: 9.54 min Scan# 652
Delta R.T. 0.00 min
Lab File: BE096239.D
Acq: 1 May 2018 1:33

Tgt Ion: 82 Resp: 2943

Ion	Ratio	Lower	Upper
82	100		
128	129.5	150.0	225.0#
54	226.8	154.2	231.4



Instrument :
BNA_E
ClientSampleId :
BP-DUP01-20180424

Manual Integrations APPROVED
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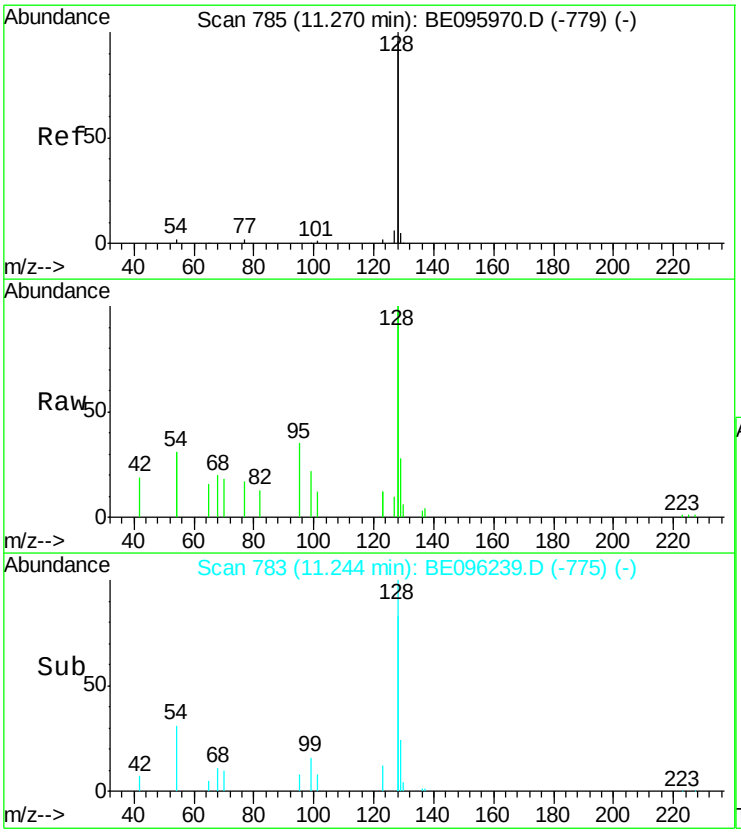
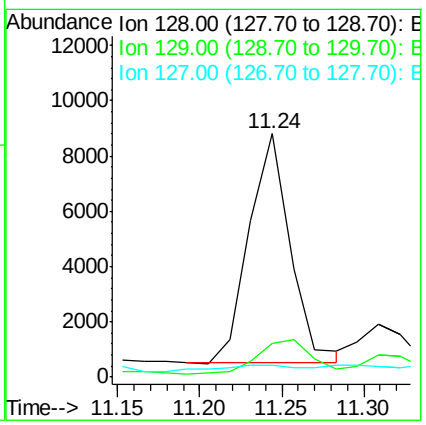
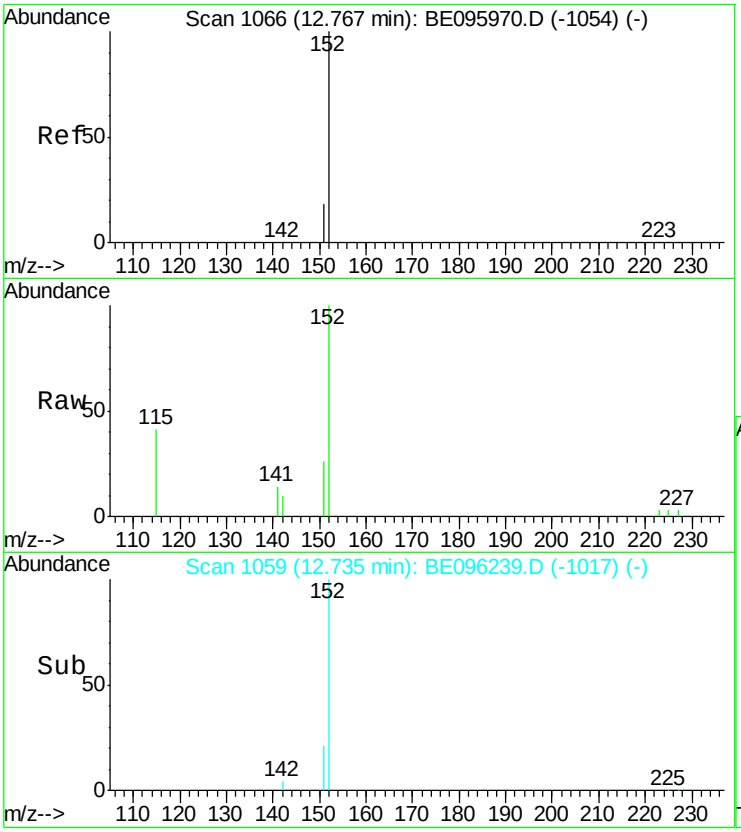


#9
Naphthalene
Concen: 0.333 ng
RT: 11.24 min Scan# 783
Delta R.T. 0.00 min
Lab File: BE096239.D
Acq: 1 May 2018 1:33

Tgt Ion:128 Resp: 14406

Ion	Ratio	Lower	Upper
128	100		
129	14.0	2.6	3.8#
127	5.0	2.8	4.2#





#11
2-Methylnaphthalene-d10
Concen: 0.402 ng
RT: 12.73 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BE096239.D
Acq: 1 May 2018 1:33

Tgt Ion:152 Resp: 2616

Ion	Ratio	Lower	Upper
152	100		
151	38.0	15.4	23.0#

Instrument :
BNA_E
ClientSampleId :
BP-DUP01-20180424

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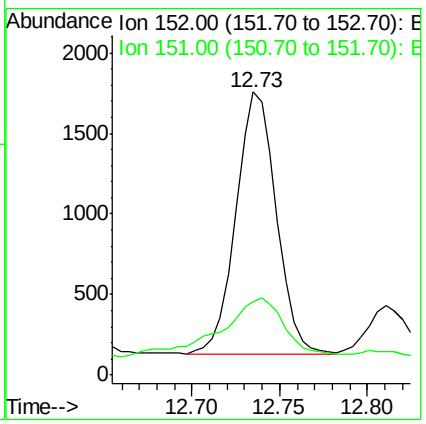
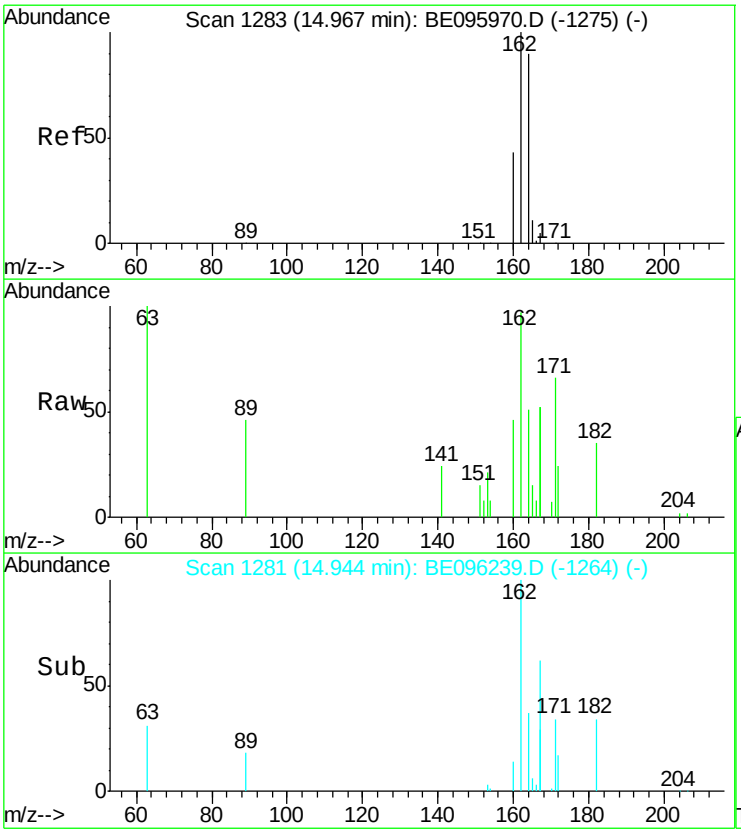
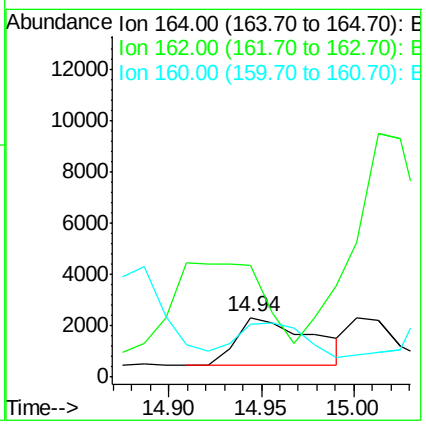


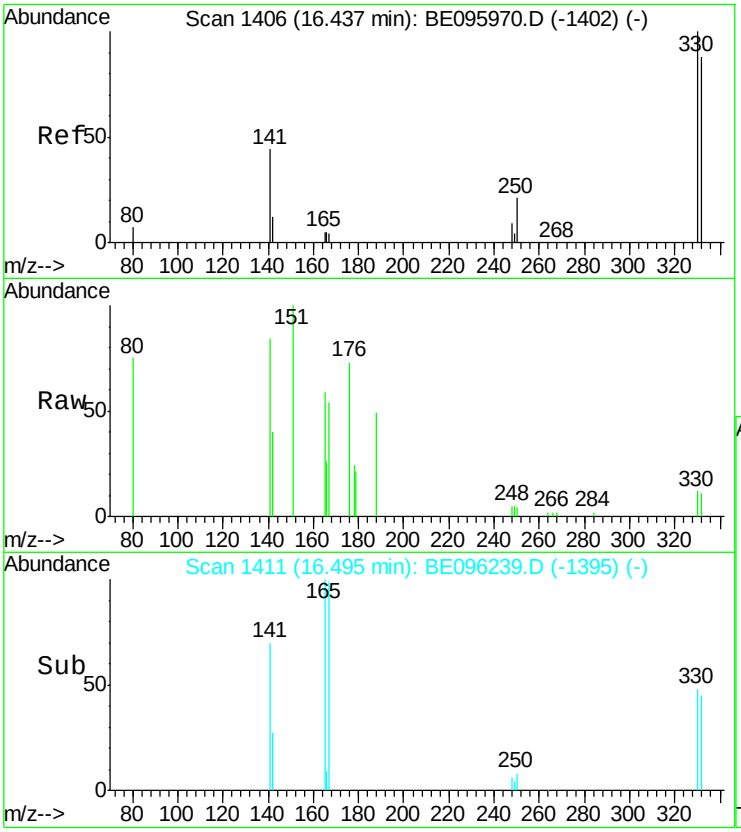


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.94 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BE096239.D
Acq: 1 May 2018 1:33

Tgt Ion:164 Resp: 5294

Ion	Ratio	Lower	Upper
164	100		
162	188.9	83.1	124.7#
160	89.4	37.1	55.7#





#14
2,4,6-Tribromophenol
Concen: 0.174 ng m
RT: 16.50 min Scan# 1411
Delta R.T. 0.08 min
Lab File: BE096239.D
Acq: 1 May 2018 1:33

Tgt Ion:330 Resp: 446

Ion	Ratio	Lower	Upper
330	100		
332	0.0	152.7	229.1#
141	0.0	33.7	50.5#

Instrument :
BNA_E
ClientSampleId :
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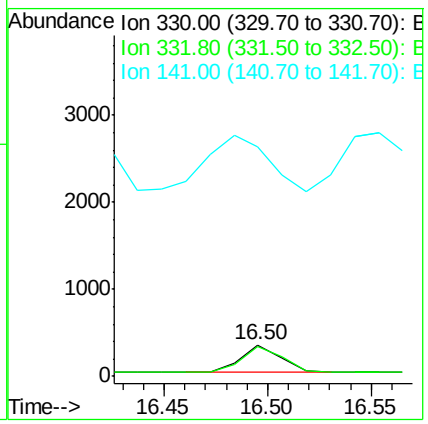
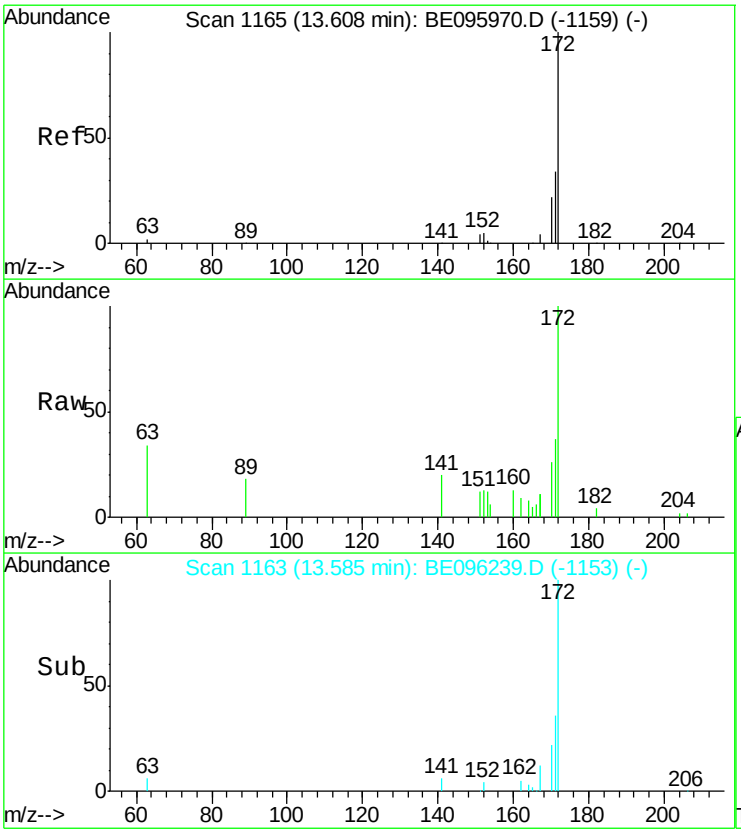
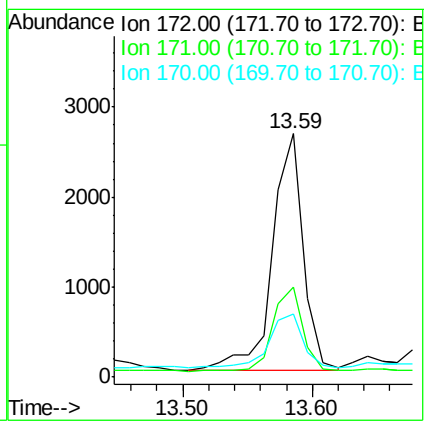


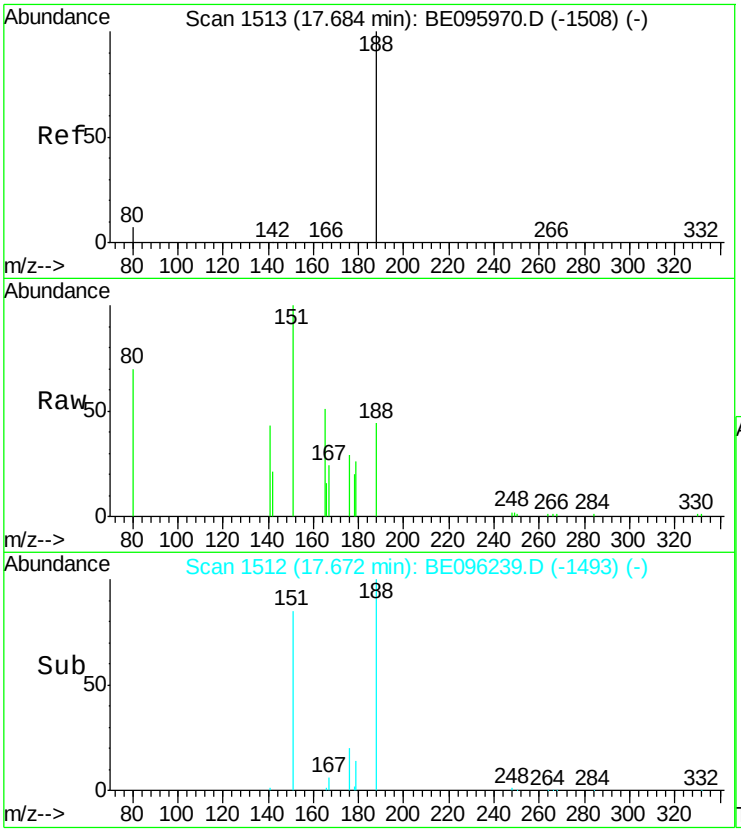


#15
2-Fluorobiphenyl
Concen: 0.194 ng
RT: 13.59 min Scan# 1163
Delta R.T. 0.01 min
Lab File: BE096239.D
Acq: 1 May 2018 1:33

Tgt Ion:172 Resp: 4384

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.9	44.9
170	26.0	21.8	32.8





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.67 min Scan# 1512
Delta R.T. 0.02 min
Lab File: BE096239.D
Acq: 1 May 2018 1:33

Tgt Ion:188 Resp: 4259

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	160.2	3.6	5.4#

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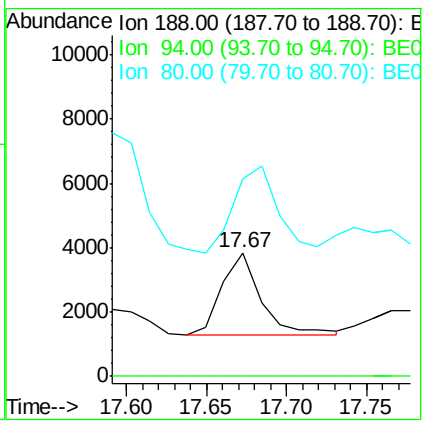
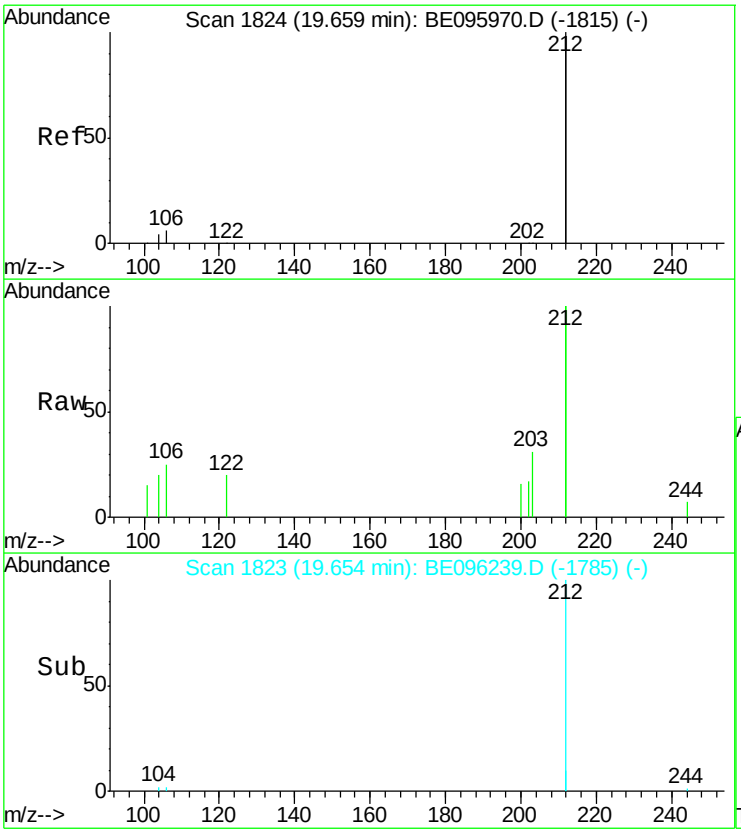
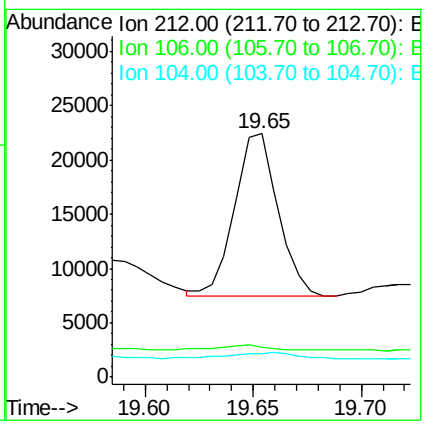


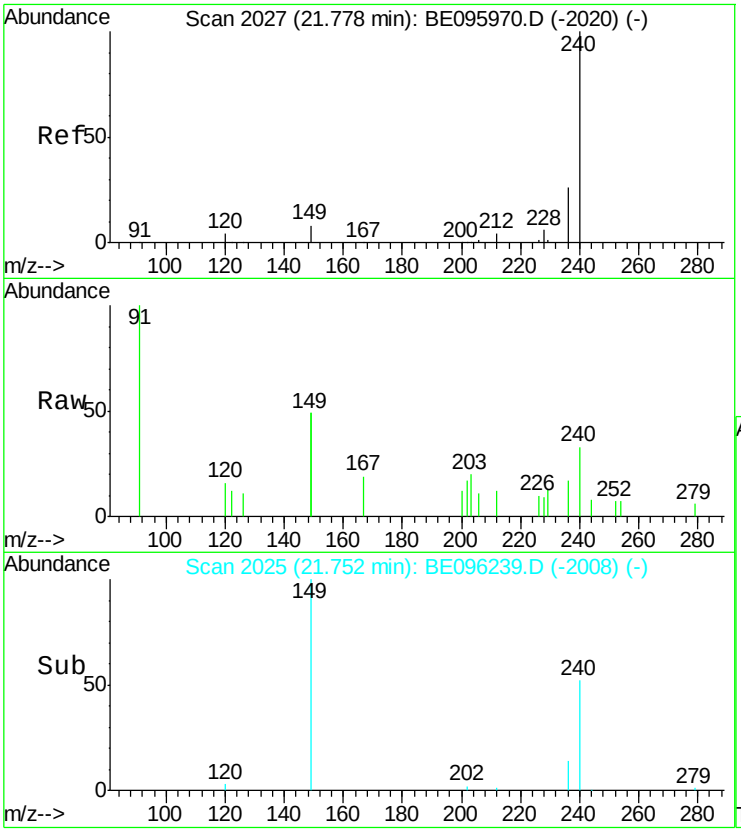


#25
Fluoranthene-d10
Concen: 0.364 ng
RT: 19.65 min Scan# 1823
Delta R.T. 0.02 min
Lab File: BE096239.D
Acq: 1 May 2018 1:33

Tgt Ion:212 Resp: 21046

Ion	Ratio	Lower	Upper
212	100		
106	3.8	2.8	4.2
104	6.6	1.6	2.4#

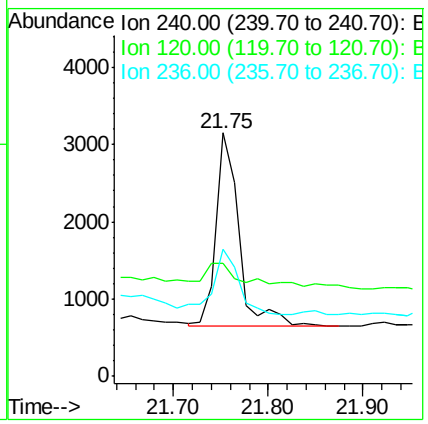




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.75 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BE096239.D
Acq: 1 May 2018 1:33

Tgt Ion:240 Resp: 4185

Ion	Ratio	Lower	Upper
240	100		
120	46.6	5.5	8.3#
236	52.0	20.7	31.1#



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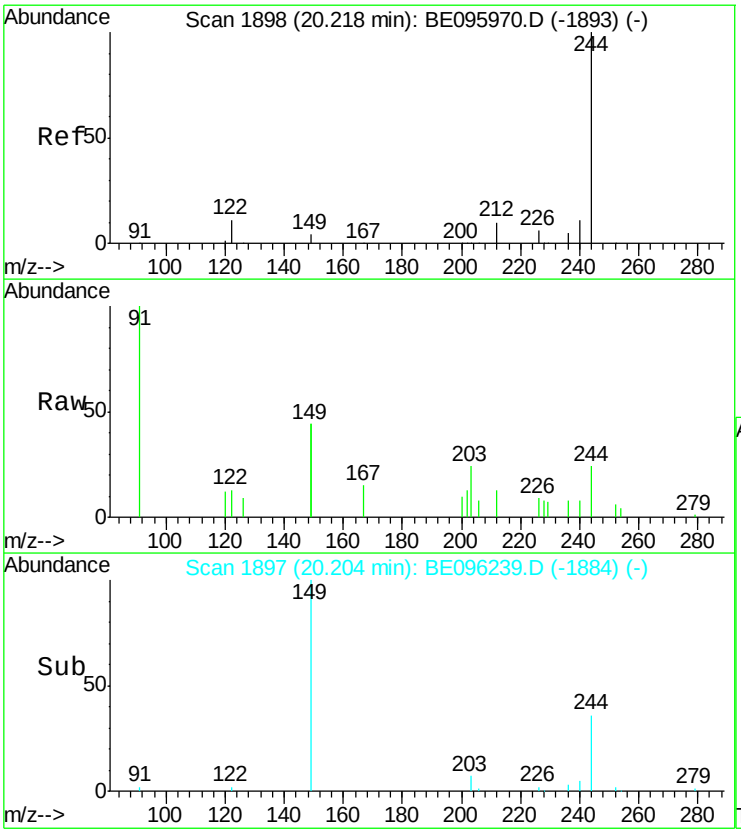
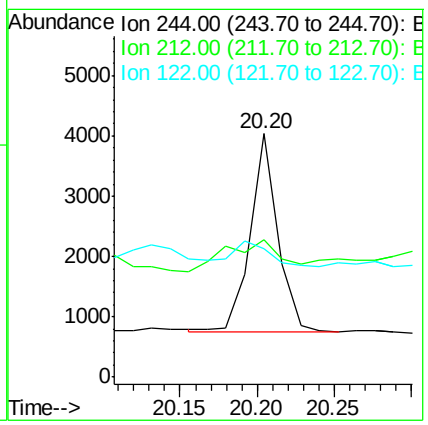
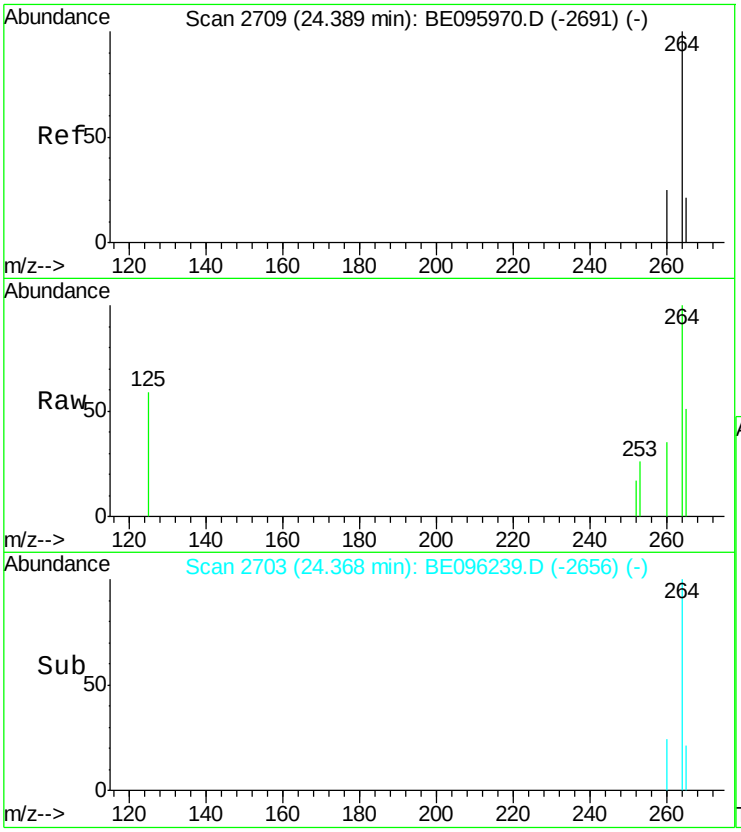


#29
Terphenyl-d14
Concen: 0.439 ng
RT: 20.20 min Scan# 1897
Delta R.T. 0.01 min
Lab File: BE096239.D
Acq: 1 May 2018 1:33

Tgt Ion:244 Resp: 4061

Ion	Ratio	Lower	Upper
244	100		
212	56.2	25.4	38.0#
122	52.6	8.1	12.1#

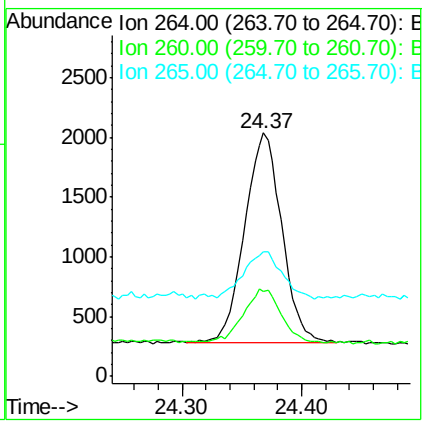




#34
Perylene-d12
Concen: 0.400 ng
RT: 24.37 min Scan# 2703
Delta R.T. 0.02 min
Lab File: BE096239.D
Acq: 1 May 2018 1:33

Tgt Ion:264 Resp: 3824

Ion	Ratio	Lower	Upper
264	100		
260	34.9	20.5	30.7#
265	51.0	22.8	34.2#



Instrument :
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ClientSampleId :
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