Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091819\
Data File : BP000303.D
Acq On : 18 Sep 2019 17:37
Operator : HP/JU
Sample : K4942-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-1

Manual Integrations APPROVED
Jagrut
9/19/2019 11:07:09 AM

Quant Time: Sep 19 04:19:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 16 18:59:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	278964	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1010535	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	549749	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1019654	20.00	ng	0.00
76) Chrysene-d12	13.99	240	842667	20.00	ng	-0.01
87) Perylene-d12	15.47	264	920347	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1569226	97.11	ng	0.00
7) Phenol-d6	6.43	99	1989769	100.45	ng	0.00
23) Nitrobenzene-d5	7.35	82	1125517	71.86	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	670240	122.92	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2231066	73.04	ng	0.00
79) Terphenyl-d14	12.93	244	2537332	63.17	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.43	94	61986	2.754	ng	83
50) Dimethylphthalate	9.55	163	314168	8.388	ng	98
75) Fluoranthene	12.55	202	201609	3.674	ng	98
78) Pyrene	12.77	202	182375	2.893	ng	98
88) Benzo(b)fluoranthene	15.04	252	135595m	2.470	ng	

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

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Manual Integrations APPROVED
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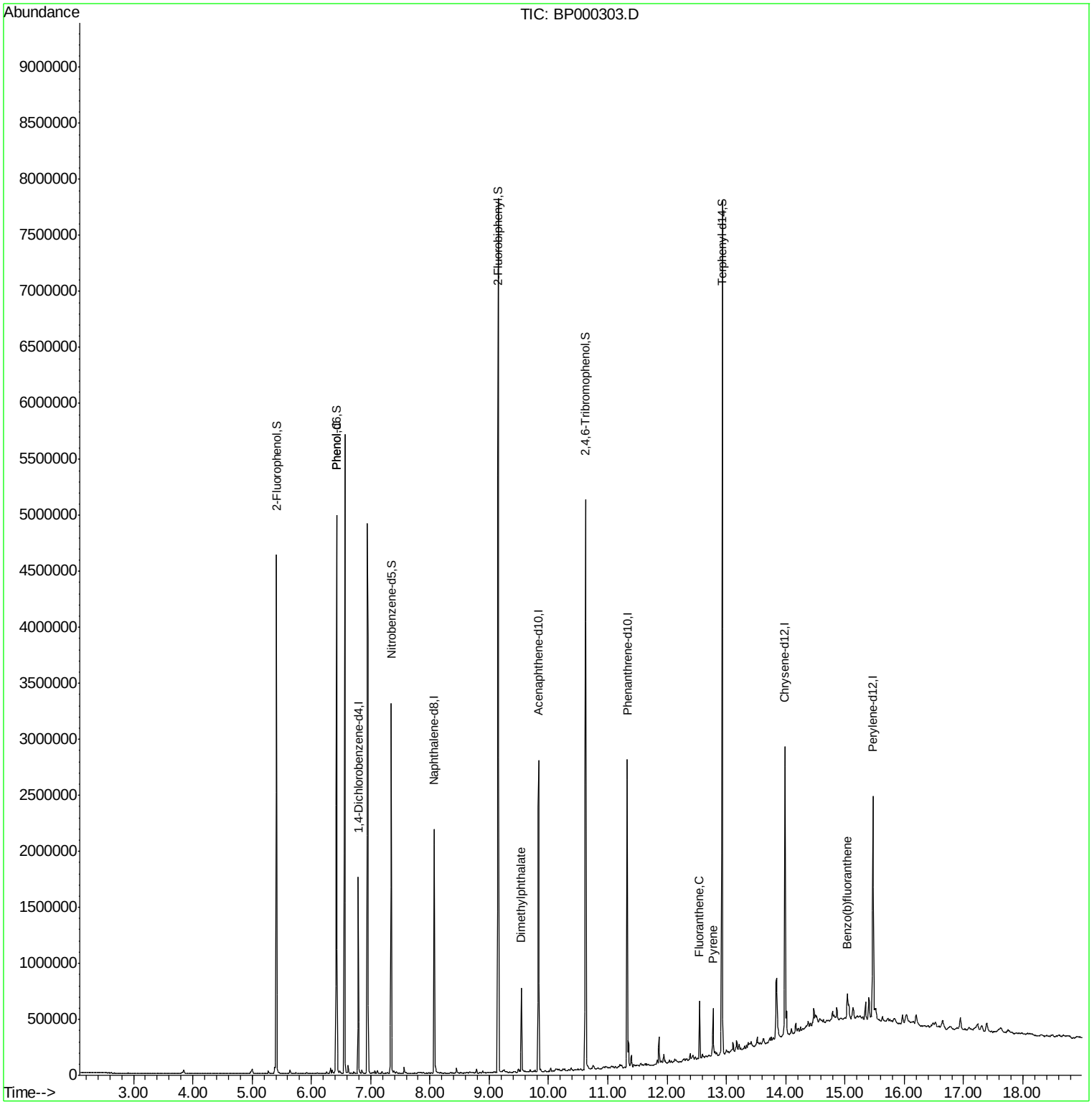
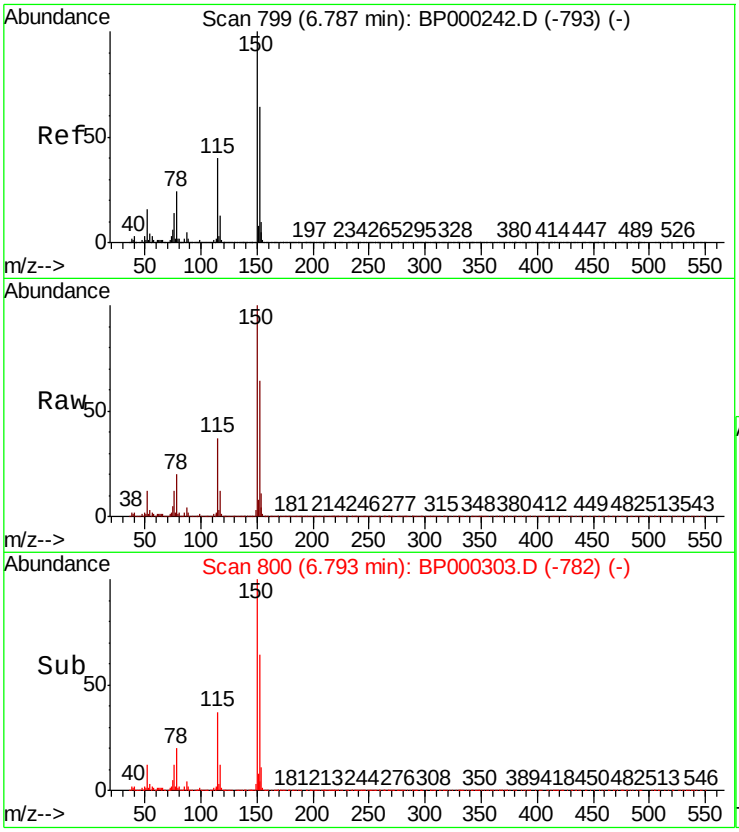
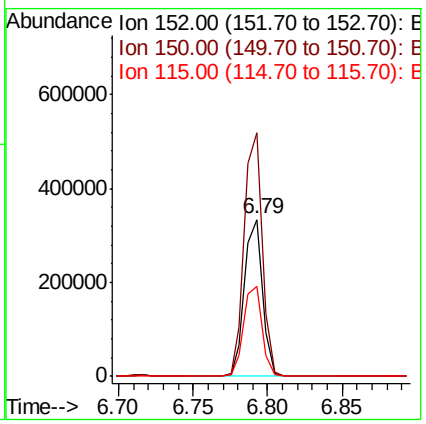




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000303.D
Acq: 18 Sep 2019 17:37

Tgt Ion:152 Resp: 278964

Ion	Ratio	Lower	Upper
152	100		
150	155.1	125.2	187.8
115	57.2	49.7	74.5



Instrument :
BNA_P
ClientSampleId :
TP-1

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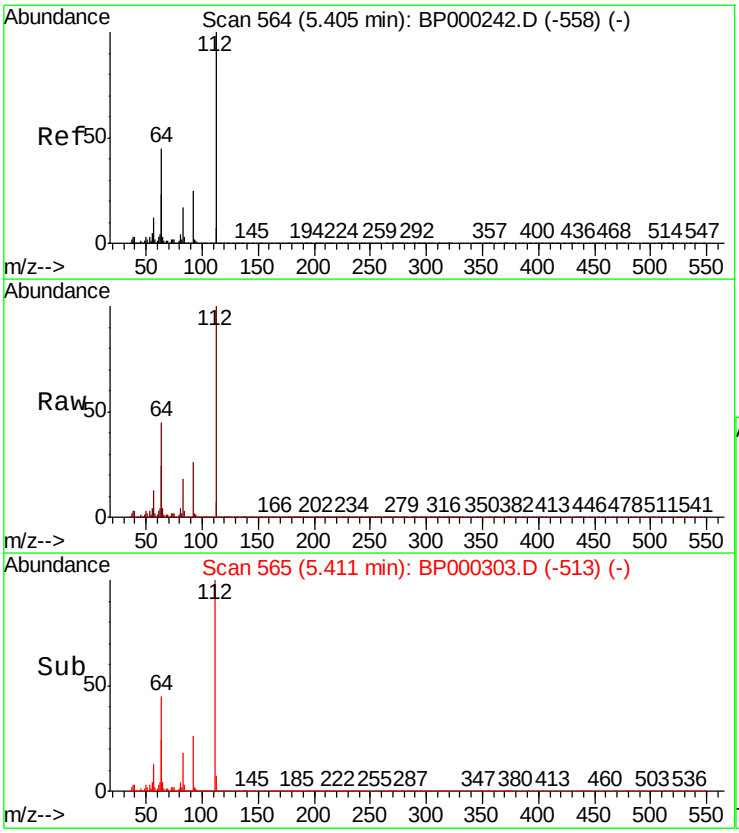
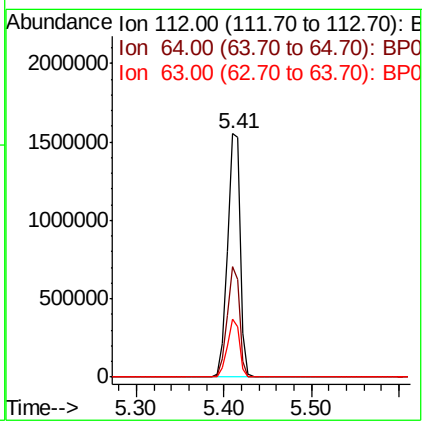
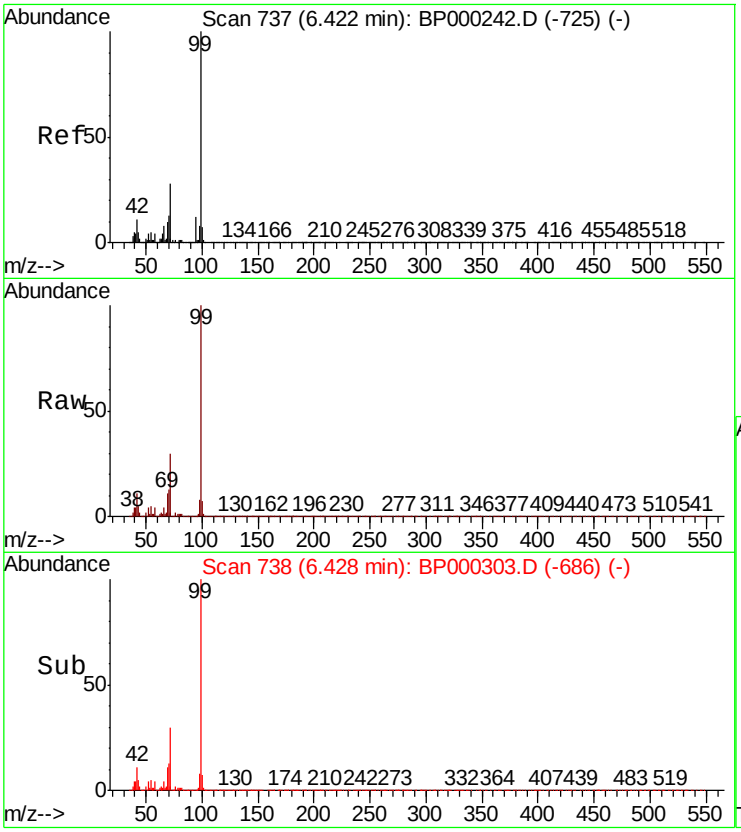


#5
2-Fluorophenol
Concen: 97.111 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BP000303.D
Acq: 18 Sep 2019 17:37

Tgt Ion:112 Resp: 1569226

Ion	Ratio	Lower	Upper
112	100		
64	45.1	36.2	54.4
63	23.7	18.3	27.5

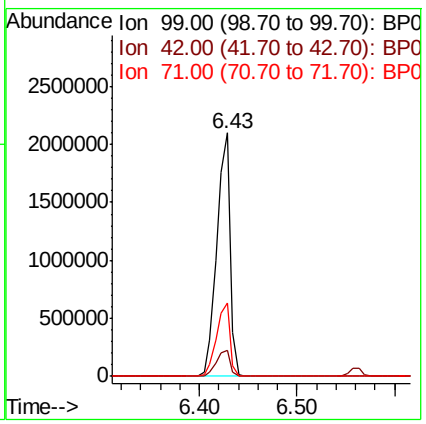




#7
Phenol-d6
Concen: 100.454 ng
RT: 6.43 min Scan# 738
Delta R.T. 0.01 min
Lab File: BP000303.D
Acq: 18 Sep 2019 17:37

Tgt Ion: 99 Resp: 1989769

Ion	Ratio	Lower	Upper
99	100		
42	10.7	8.5	12.7
71	29.9	22.6	34.0



Instrument :
BNA_P
ClientSampleId :
TP-1

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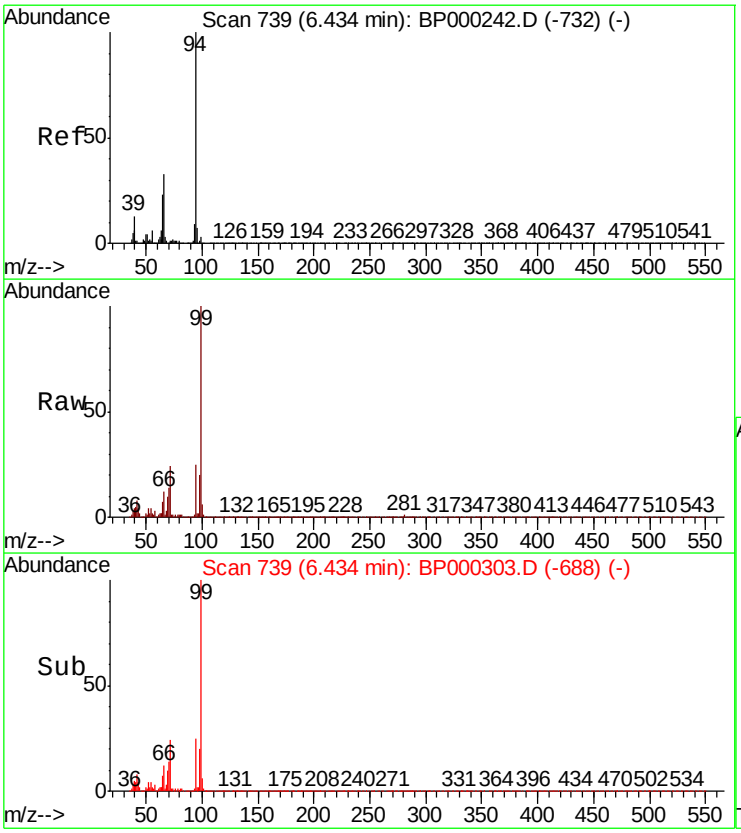
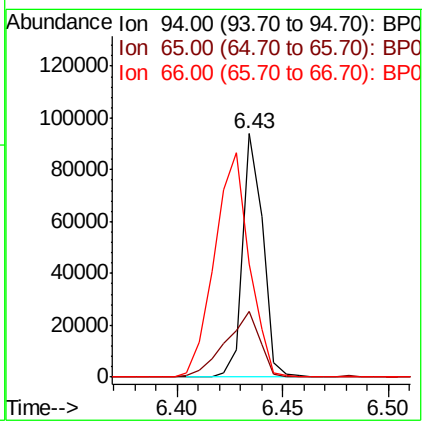
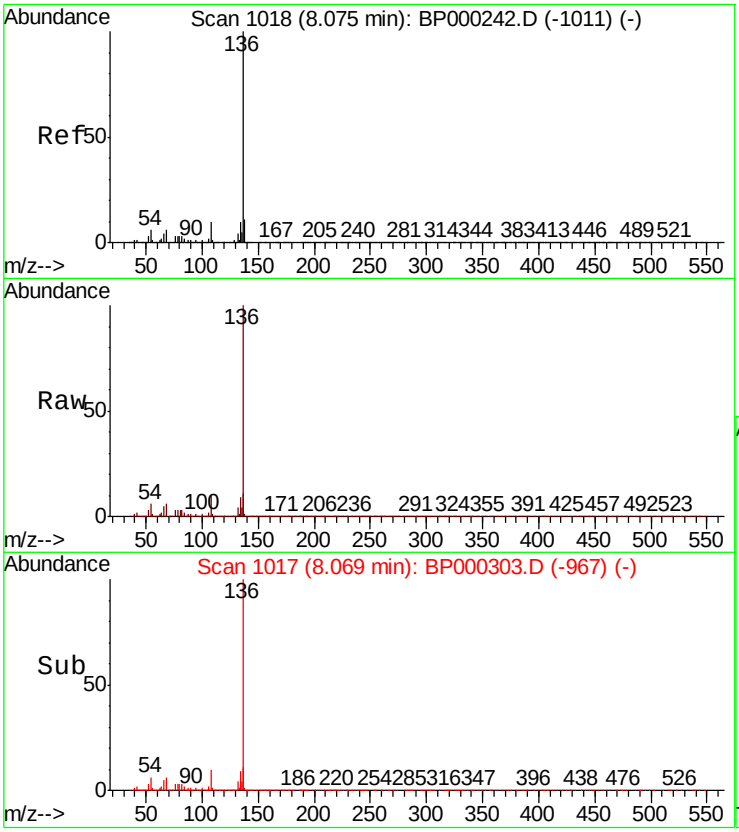


#10
Phenol
Concen: 2.754 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BP000303.D
Acq: 18 Sep 2019 17:37

Tgt Ion: 94 Resp: 61986

Ion	Ratio	Lower	Upper
94	100		
65	27.0	3.3	43.3
66	46.4	12.7	52.7

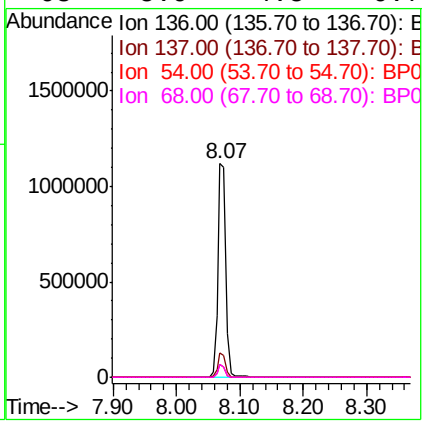




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000303.D
Acq: 18 Sep 2019 17:37

Tgt Ion:136 Resp: 1010535

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	6.0	4.5	6.7
68	5.9	4.5	6.7



Instrument :
BNA_P
ClientSampleId :
TP-1

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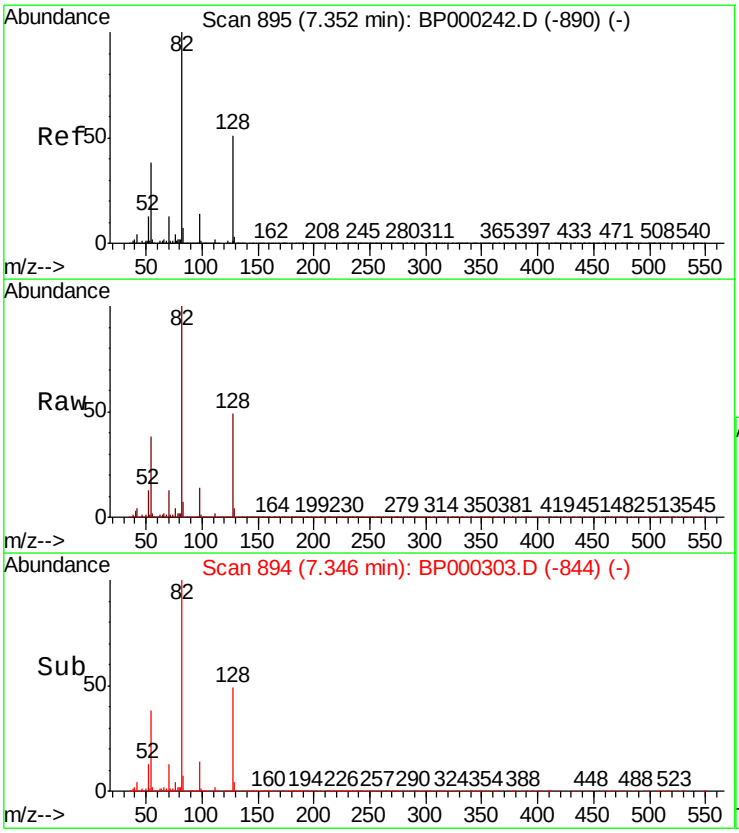
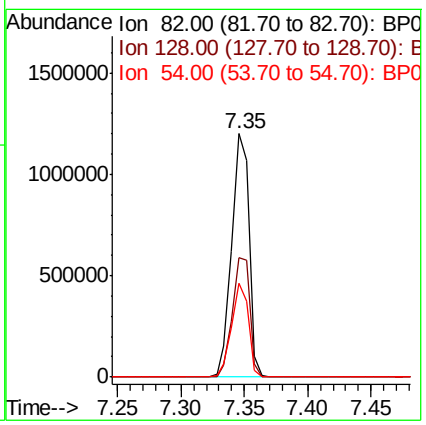
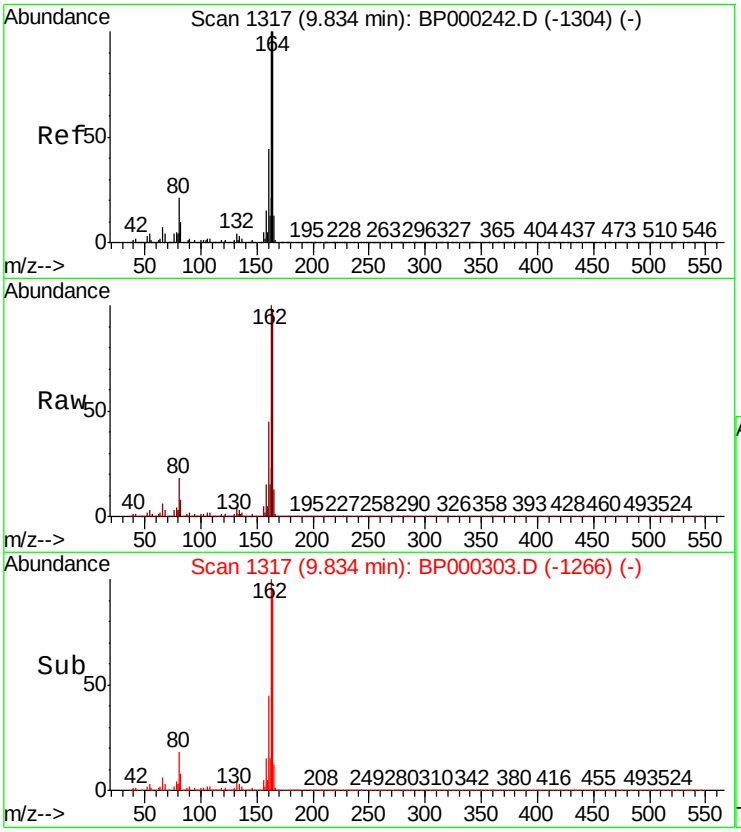


#23
Nitrobenzene-d5
Concen: 71.861 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000303.D
Acq: 18 Sep 2019 17:37

Tgt Ion: 82 Resp: 1125517

Ion	Ratio	Lower	Upper
82	100		
128	49.2	40.7	61.1
54	38.4	30.1	45.1

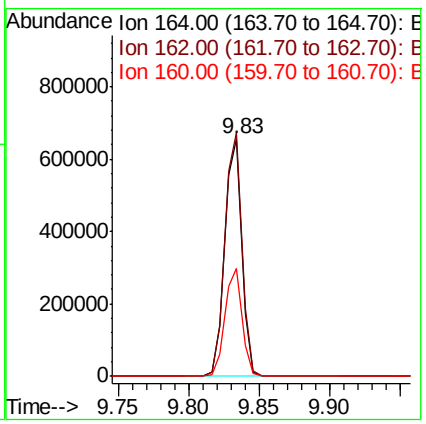




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000303.D
Acq: 18 Sep 2019 17:37

Tgt Ion:164 Resp: 549749

Ion	Ratio	Lower	Upper
164	100		
162	102.4	79.9	119.9
160	45.6	35.6	53.4



Instrument :
BNA_P
ClientSampleId :
TP-1

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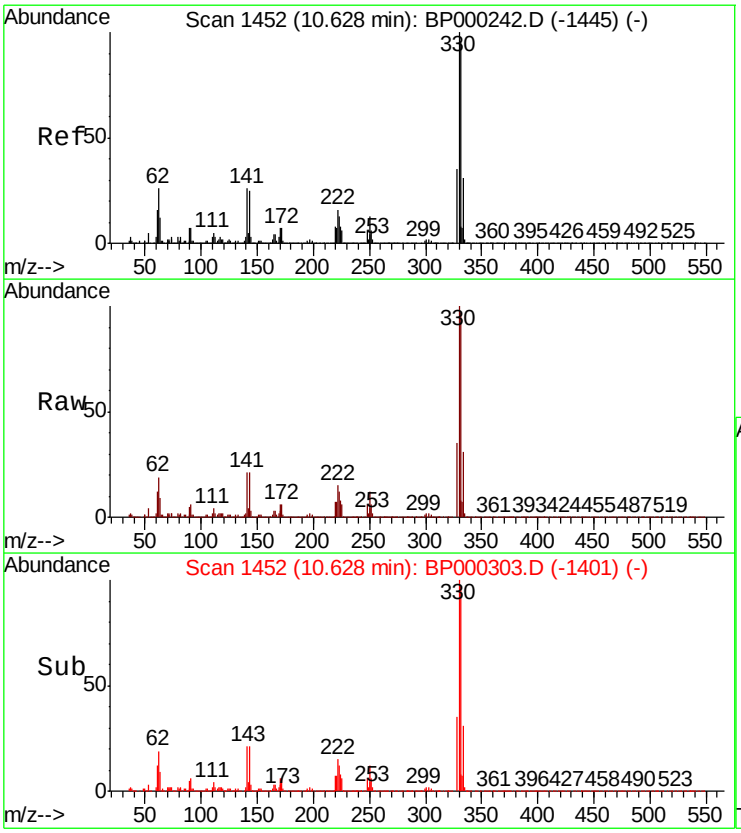
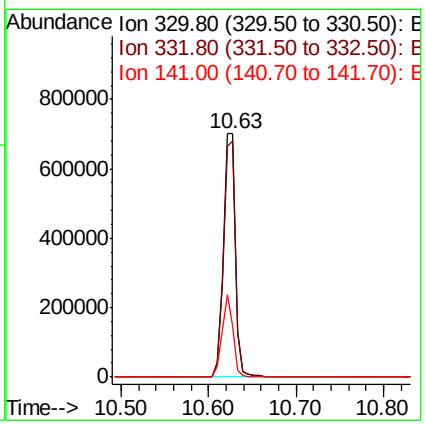
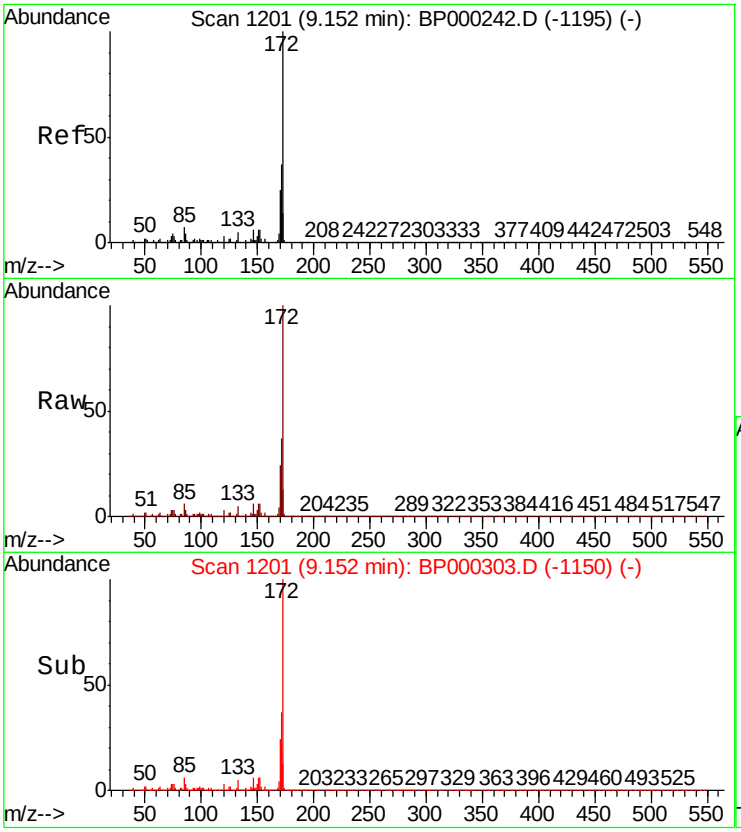


#42
2,4,6-Tribromophenol
Concen: 122.917 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BP000303.D
Acq: 18 Sep 2019 17:37

Tgt Ion:330 Resp: 670240

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	30.6	26.5	39.7

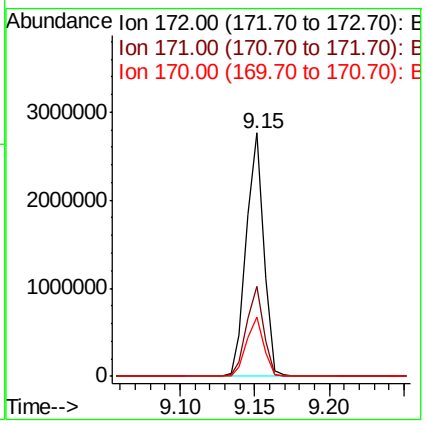




#45
2-Fluorobiphenyl
Concen: 73.042 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000303.D
Acq: 18 Sep 2019 17:37

Tgt Ion:172 Resp: 2231066

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.8	44.6
170	24.4	19.8	29.6



Instrument :
BNA_P
ClientSampleId :
TP-1

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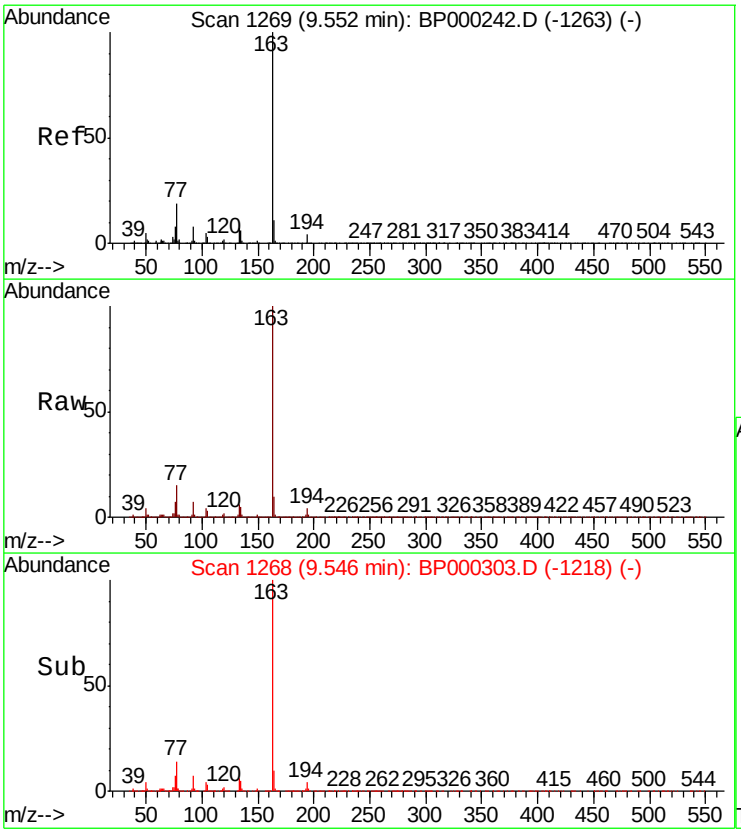
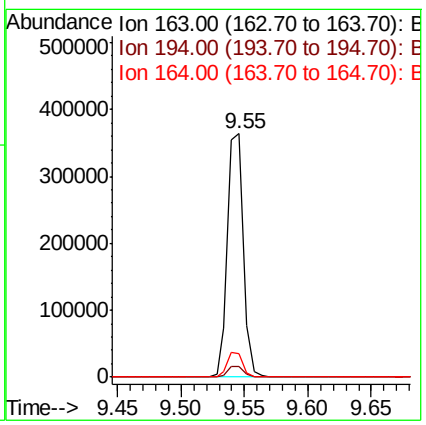
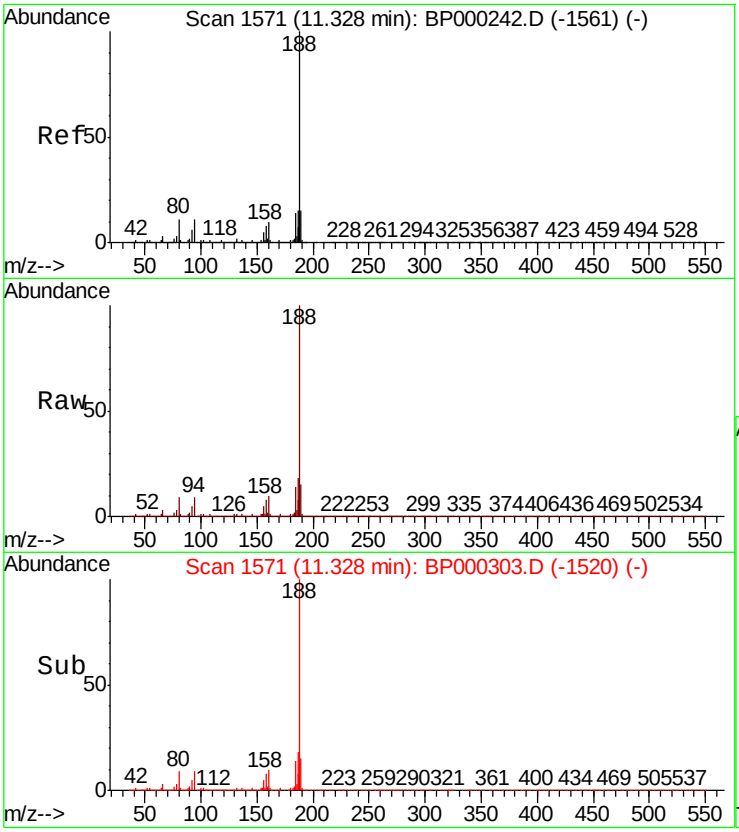


#50
Dimethylphthalate
Concen: 8.388 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BP000303.D
Acq: 18 Sep 2019 17:37

Tgt Ion:163 Resp: 314168

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	9.8	8.5	12.7

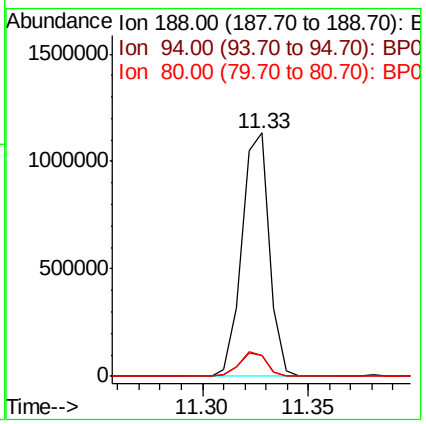




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BP000303.D
Acq: 18 Sep 2019 17:37

Tgt Ion:188 Resp: 1019654

Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.5	12.7
80	8.8	8.6	13.0



Instrument :
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ClientSampleId :
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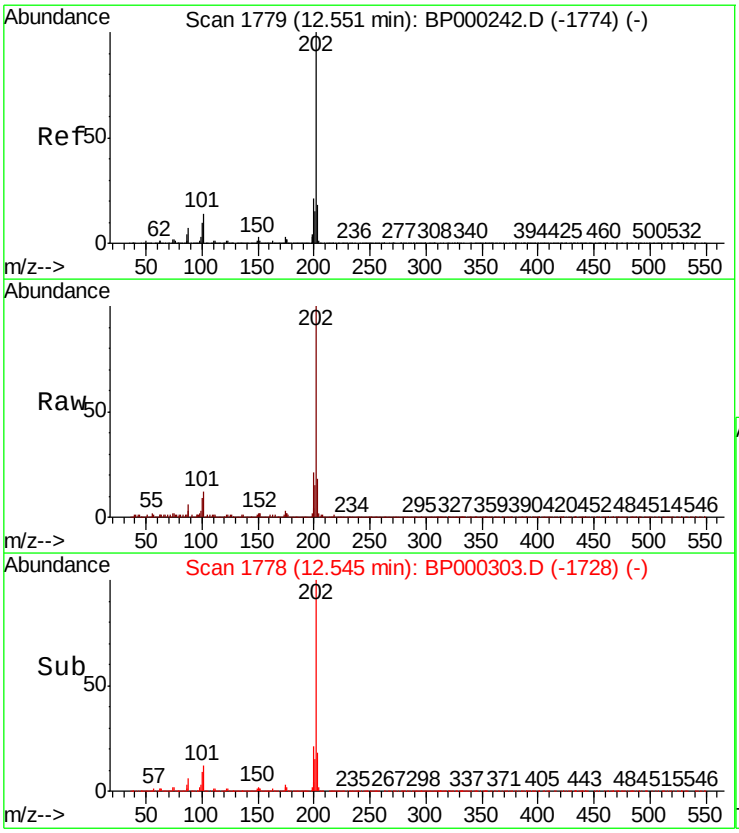
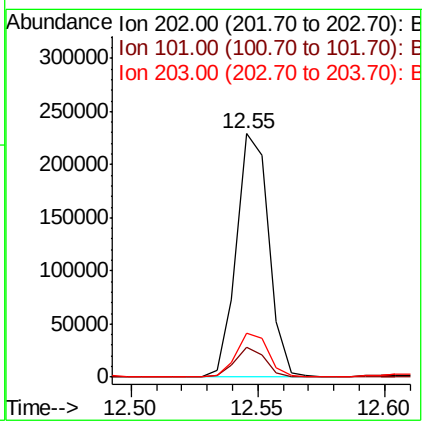
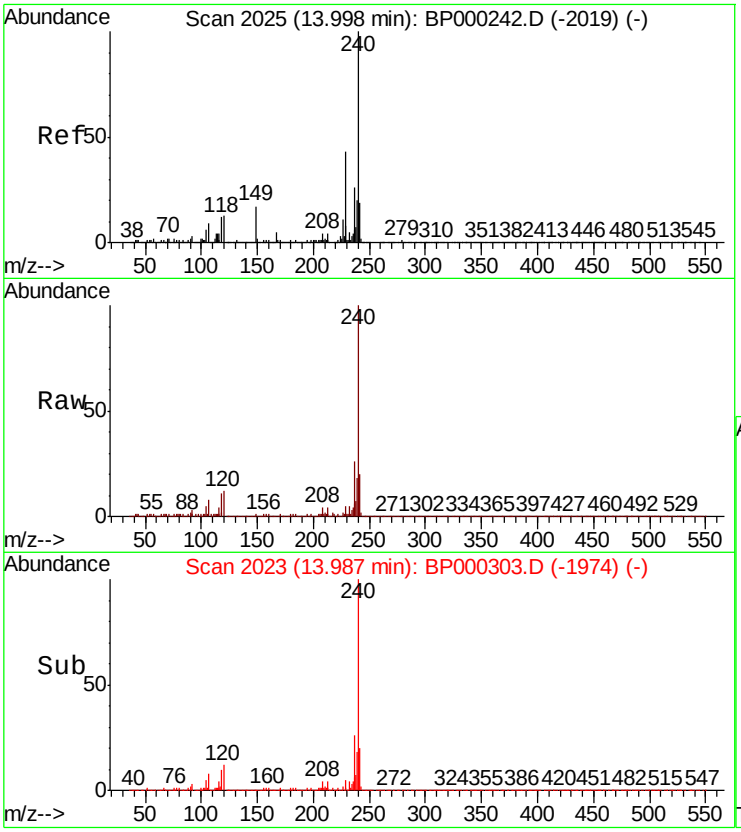


#75
Fluoranthene
Concen: 3.674 ng
RT: 12.55 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BP000303.D
Acq: 18 Sep 2019 17:37

Tgt Ion:202 Resp: 201609

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	33.9
203	18.1	0.0	38.0

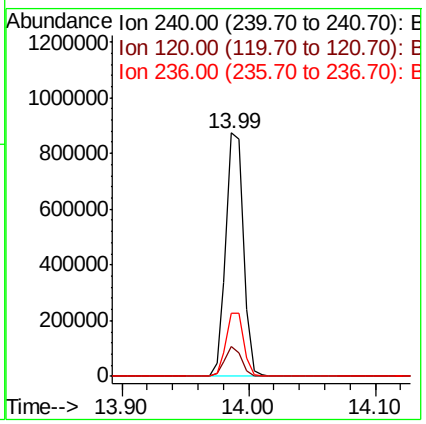




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BP000303.D
Acq: 18 Sep 2019 17:37

Tgt Ion:240 Resp: 842667

Ion	Ratio	Lower	Upper
240	100		
120	12.1	10.4	15.6
236	26.0	21.0	31.6



Instrument :
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ClientSampleId :
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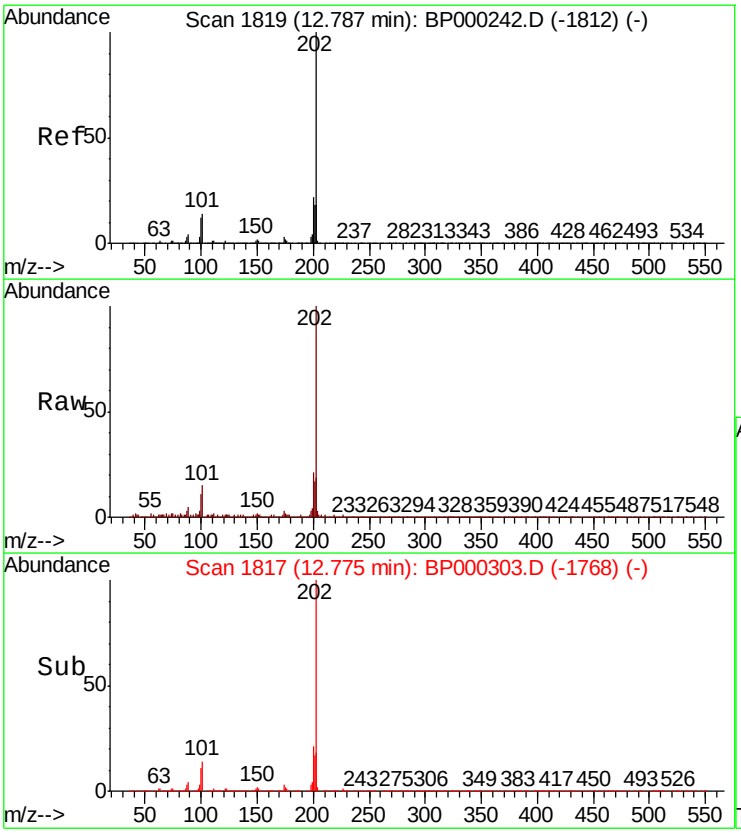
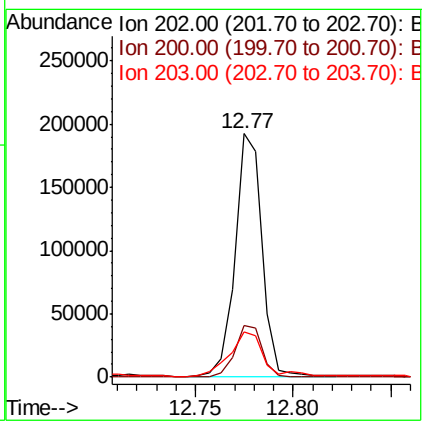
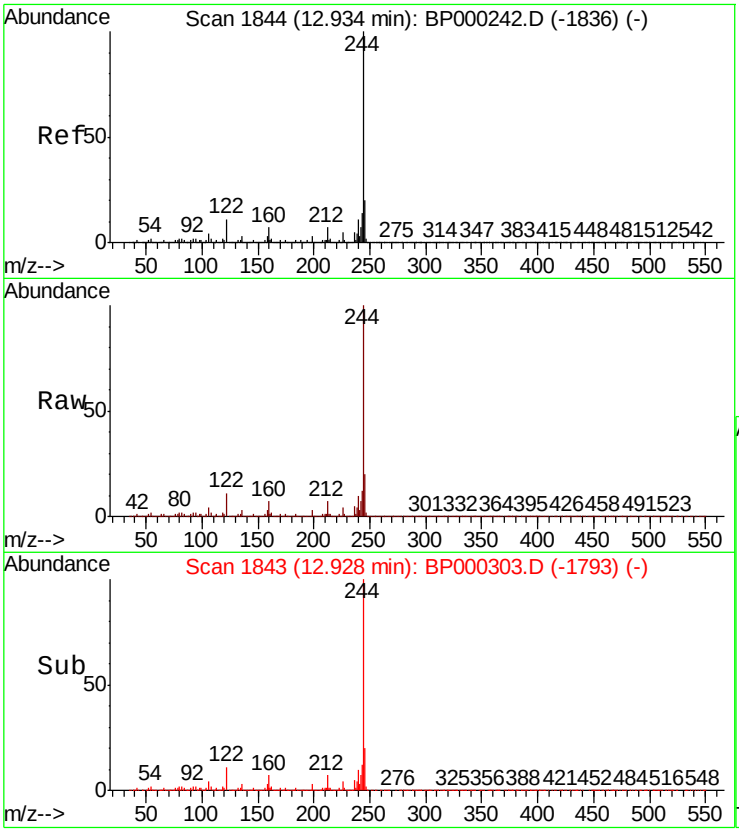


#78
Pyrene
Concen: 2.893 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BP000303.D
Acq: 18 Sep 2019 17:37

Tgt Ion:202 Resp: 182375

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.5	26.3
203	18.8	14.3	21.5

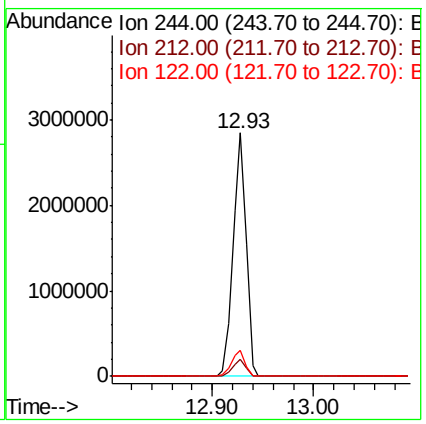




#79
Terphenyl-d14
Concen: 63.168 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BP000303.D
Acq: 18 Sep 2019 17:37

Tgt Ion:244 Resp: 2537332

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	10.6	9.0	13.4



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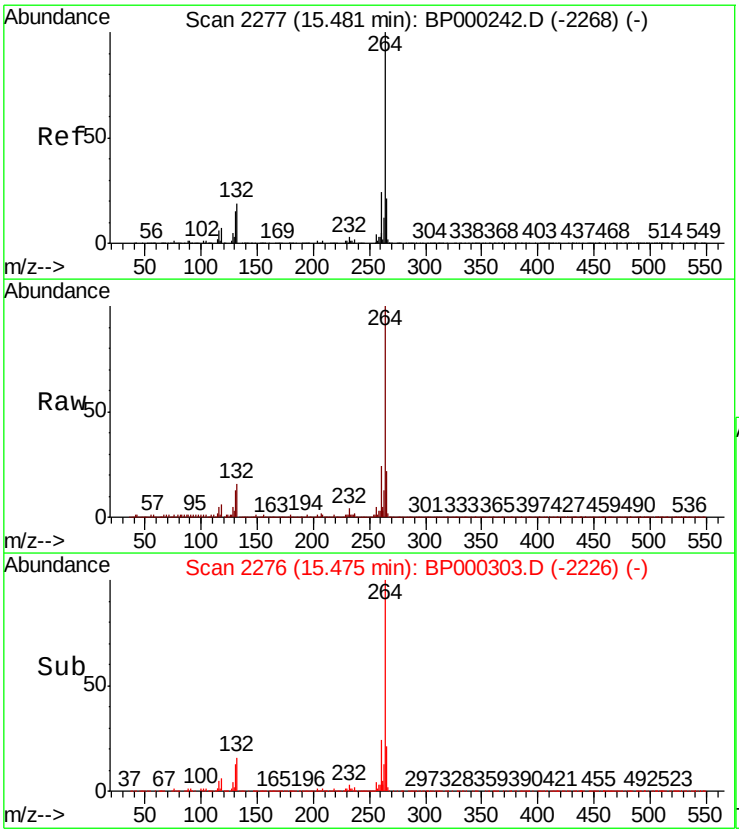
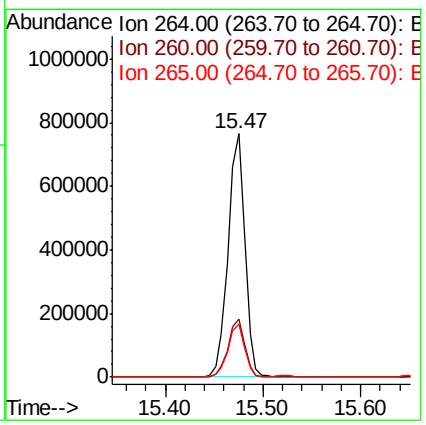
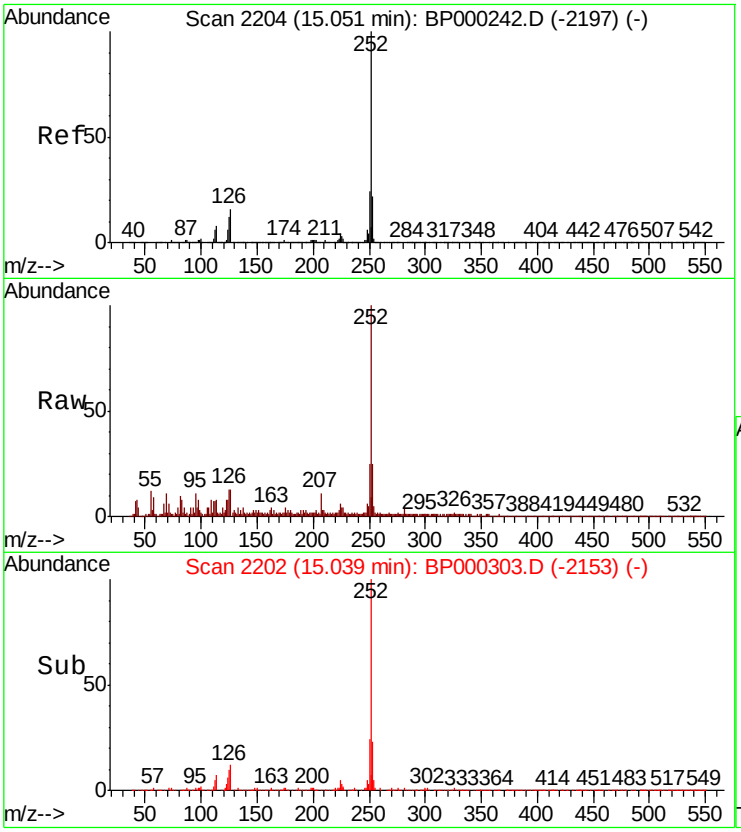


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BP000303.D
Acq: 18 Sep 2019 17:37

Tgt Ion:264 Resp: 920347

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	21.6	17.2	25.8

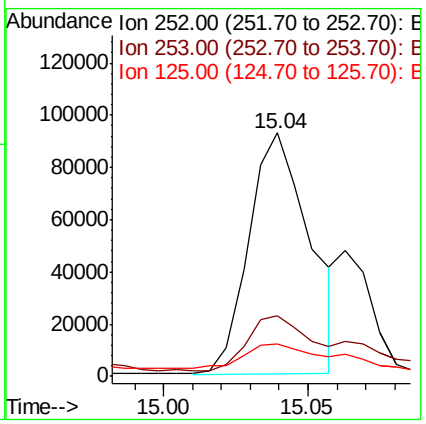




#88
Benzo(b)fluoranthene
Concen: 2.470 ng m
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BP000303.D
Acq: 18 Sep 2019 17:37

Tgt Ion:252 Resp: 135595

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.8	26.6
125	13.2	9.5	14.3



Instrument :
BNA_P
ClientSampleId :
TP-1

Manual Integrations APPROVED
Jagrut
9/19/2019 11:07:09 AM