Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092519\
Data File : BP000407.D
Acq On : 25 Sep 2019 14:04
Operator : JU
Sample : K4997-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-10-091919

Manual Integrations APPROVED
mohammad
9/26/2019 3:54:27 PM

Quant Time: Sep 25 23:43:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 19 14:44:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	200281	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	616183	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	463848	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	882654	20.00	ng	0.00
76) Chrysene-d12	14.00	240	773607	20.00	ng	0.00
87) Perylene-d12	15.48	264	817780	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1510207	130.17	ng	0.01
7) Phenol-d6	6.43	99	1761056	123.84	ng	0.00
23) Nitrobenzene-d5	7.35	82	1003522	105.08	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	683452	148.55	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2501000	97.04	ng	0.00
79) Terphenyl-d14	12.93	244	3215630	87.20	ng	0.00

Target Compounds Qvalue

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

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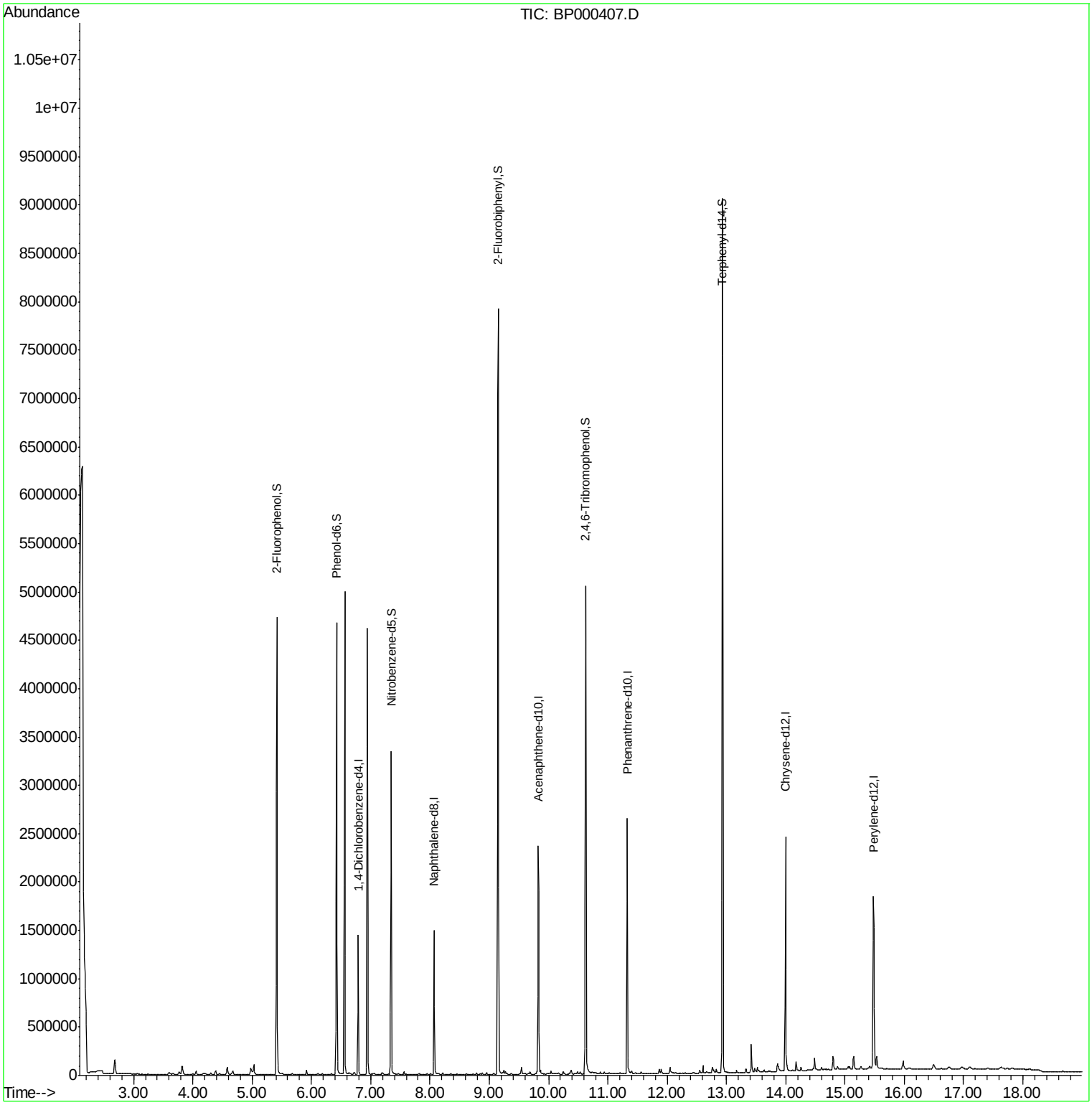

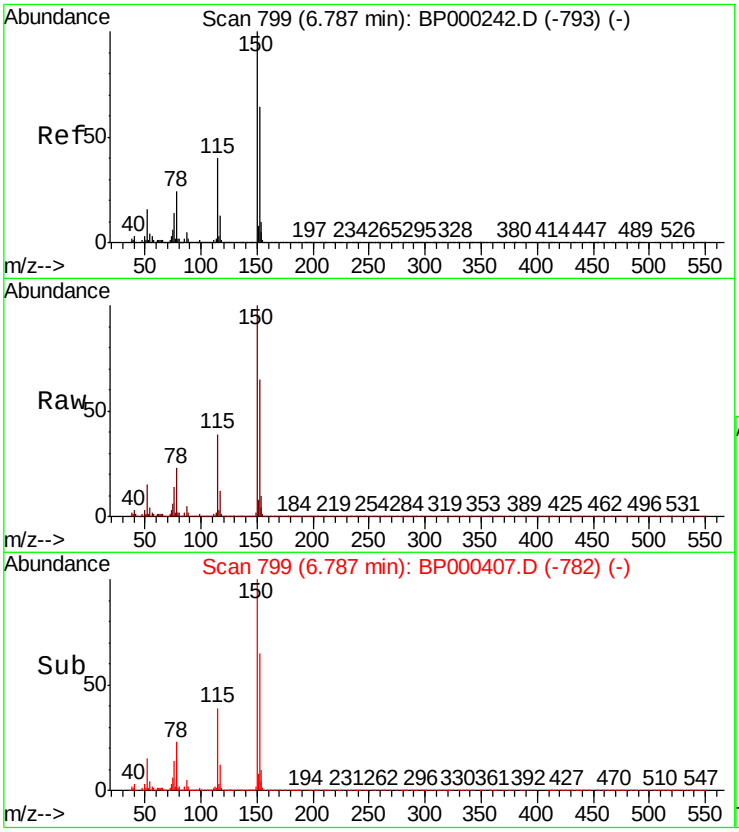

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000407.D
Acq: 25 Sep 2019 14:04

Tgt Ion:152 Resp: 200281

Ion	Ratio	Lower	Upper
152	100		
150	154.1	125.2	187.8
115	60.1	49.7	74.5

Instrument :
BNA_P
ClientSampleId :
WC-10-091919

Manual Integrations APPROVED
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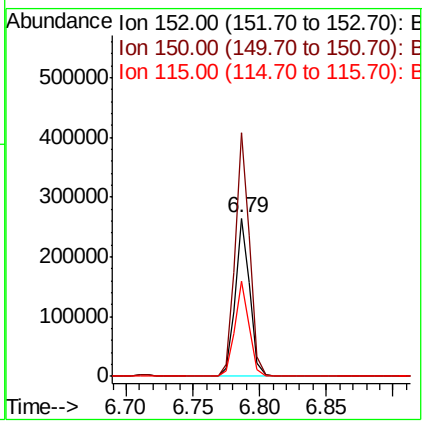
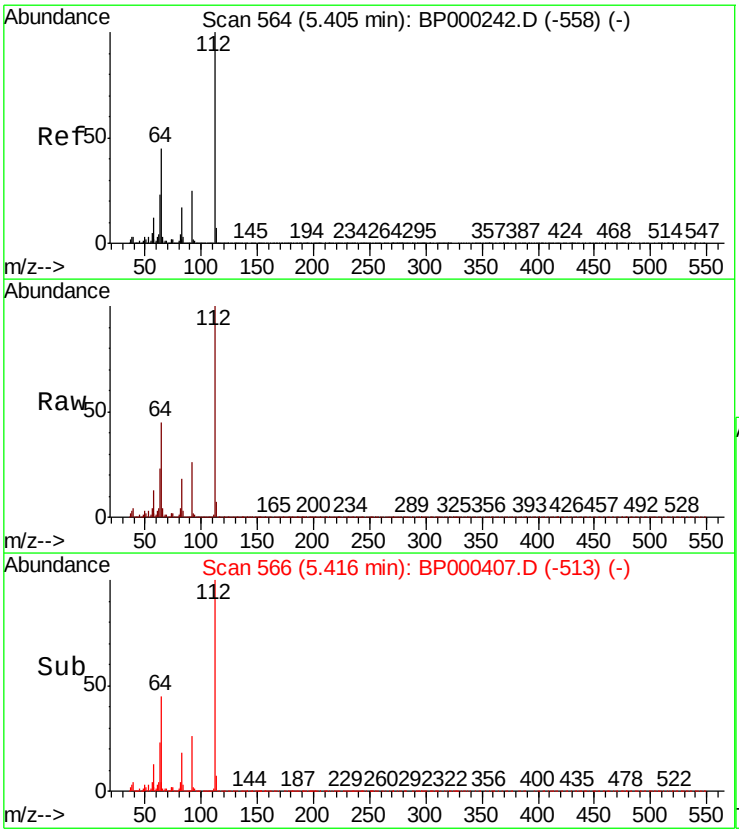
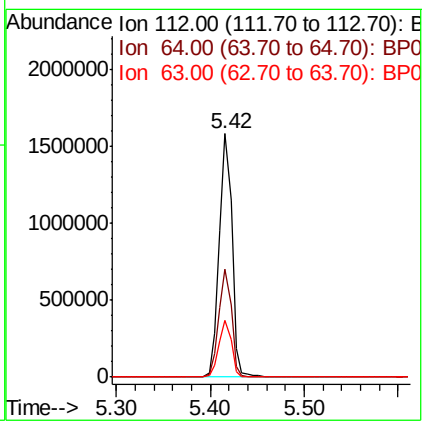


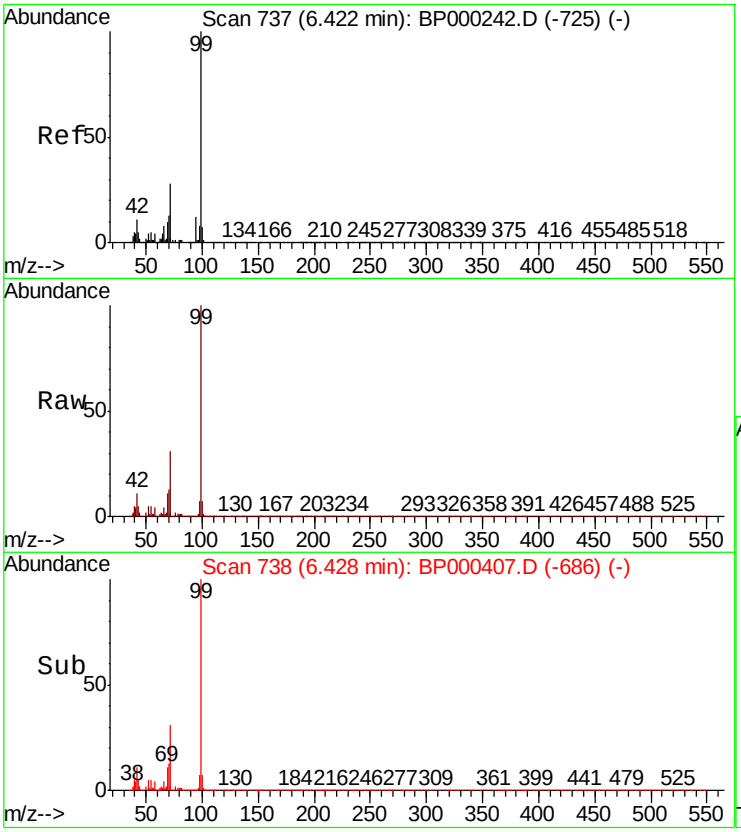


#5
2-Fluorophenol
Concen: 130.174 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BP000407.D
Acq: 25 Sep 2019 14:04

Tgt Ion:112 Resp: 1510207

Ion	Ratio	Lower	Upper
112	100		
64	44.5	36.2	54.4
63	23.2	18.3	27.5





#7
Phenol-d6
Concen: 123.836 ng
RT: 6.43 min Scan# 738
Delta R.T. 0.01 min
Lab File: BP000407.D
Acq: 25 Sep 2019 14:04

Tgt Ion: 99 Resp: 1761056

Ion	Ratio	Lower	Upper
99	100		
42	11.3	8.5	12.7
71	31.0	22.6	34.0

Instrument :
BNA_P
ClientSampleId :
WC-10-091919

Manual Integrations APPROVED
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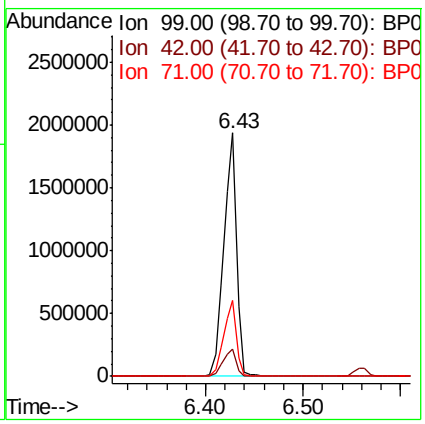
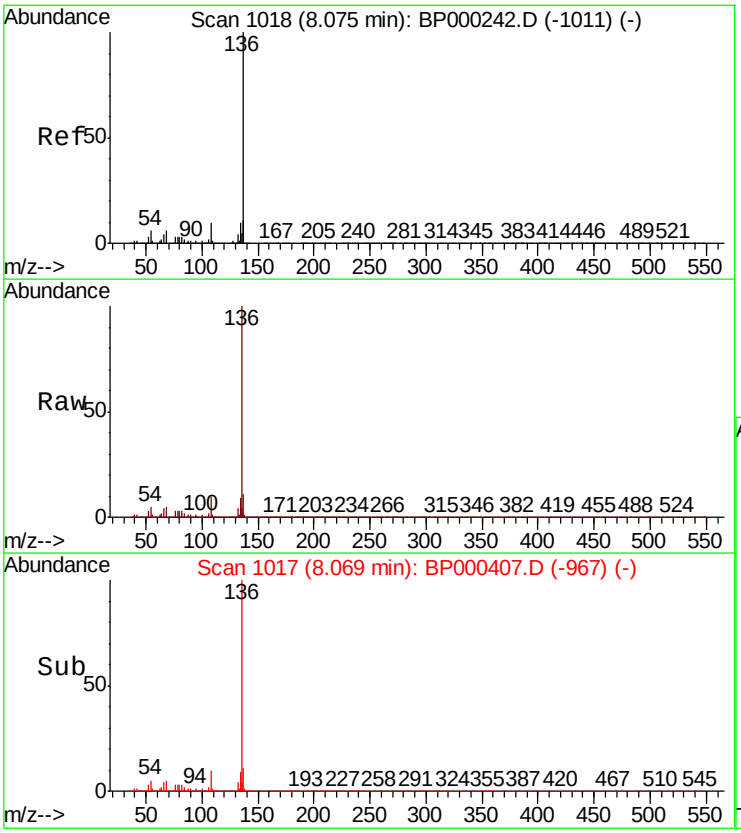
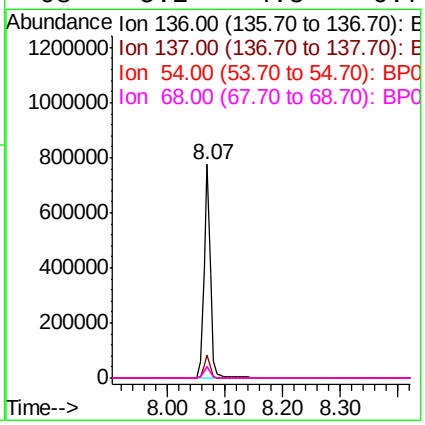


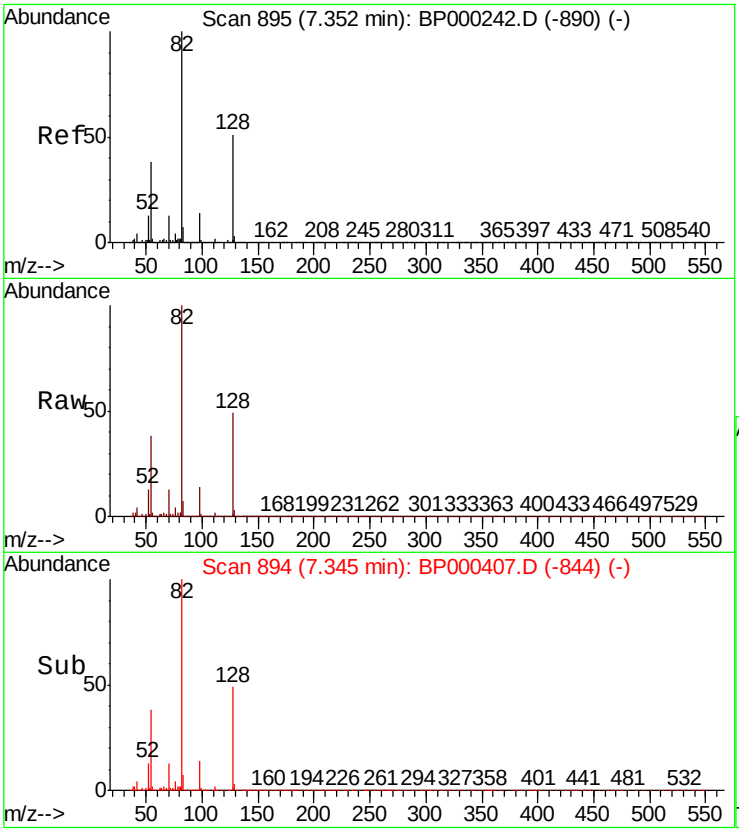


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000407.D
Acq: 25 Sep 2019 14:04

Tgt Ion:136 Resp: 616183

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	5.5	4.5	6.7
68	5.2	4.5	6.7





#23
Nitrobenzene-d5
Concen: 105.077 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000407.D
Acq: 25 Sep 2019 14:04

Tgt Ion: 82 Resp: 1003522

Ion	Ratio	Lower	Upper
82	100		
128	49.4	40.7	61.1
54	37.9	30.1	45.1

Instrument :
BNA_P
ClientSampleId :
WC-10-091919

Manual Integrations APPROVED
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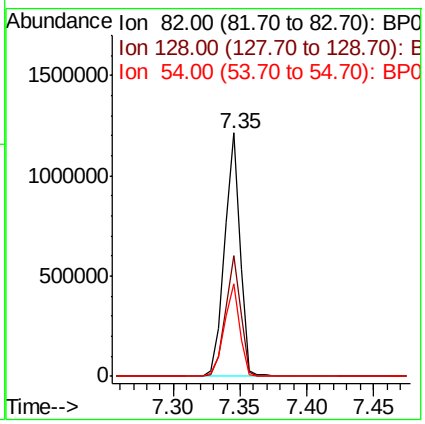
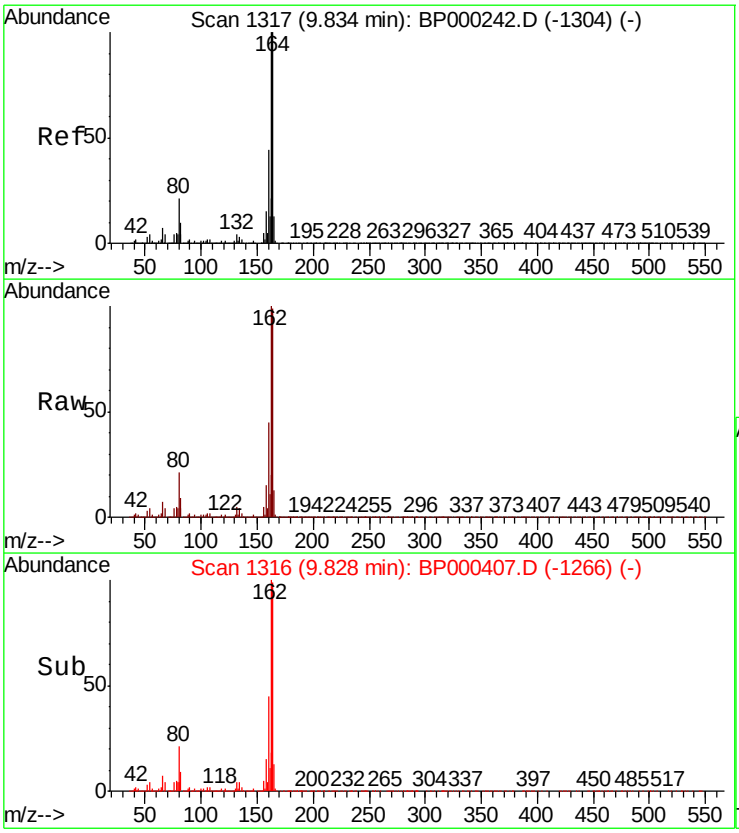
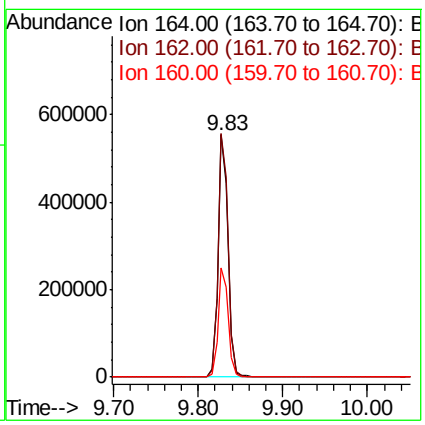


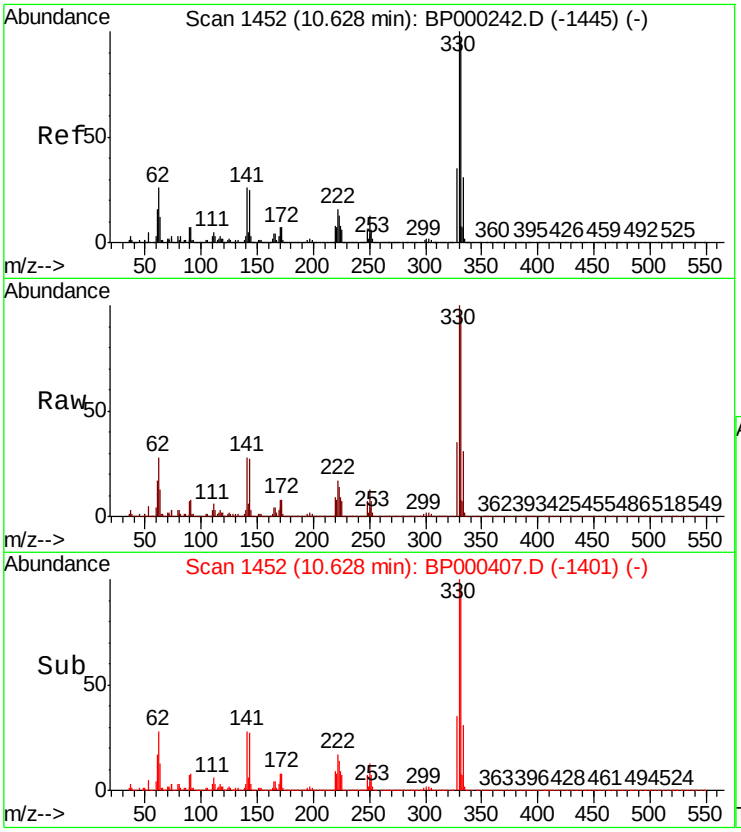


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BP000407.D
Acq: 25 Sep 2019 14:04

Tgt Ion:164 Resp: 463848

Ion	Ratio	Lower	Upper
164	100		
162	100.6	79.9	119.9
160	45.3	35.6	53.4





#42
2,4,6-Tribromophenol
Concen: 148.552 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BP000407.D
Acq: 25 Sep 2019 14:04

Tgt Ion:330 Resp: 683452

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	115.0
141	32.8	26.5	39.7

Instrument :
BNA_P
ClientSampleId :
WC-10-091919

Manual Integrations APPROVED
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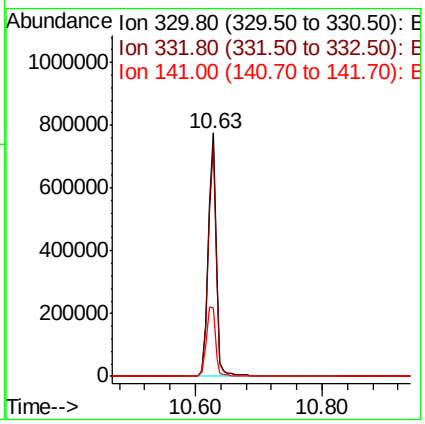
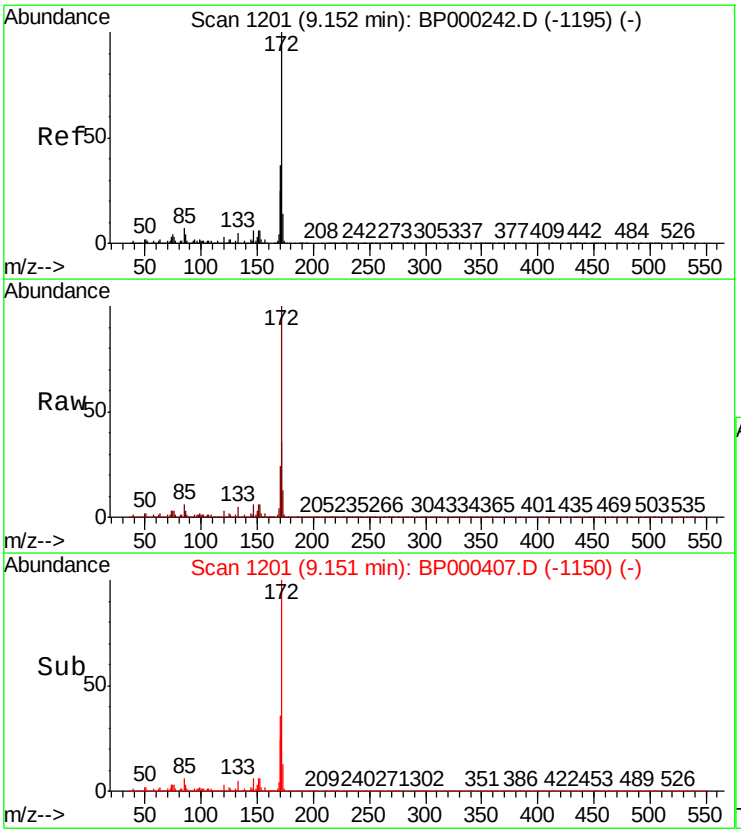
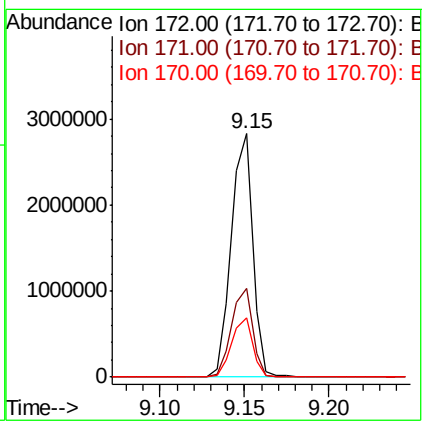


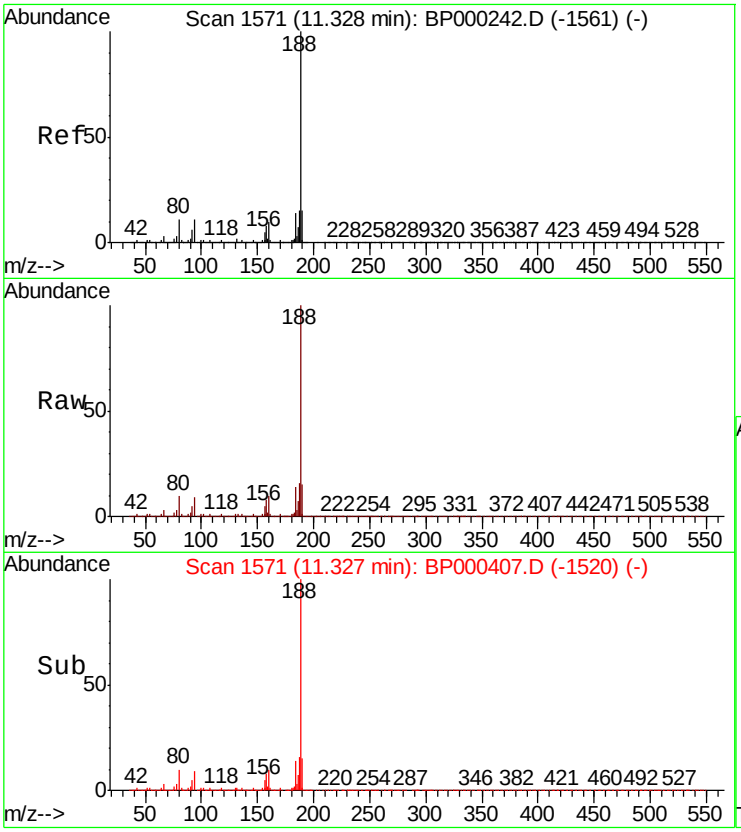


#45
2-Fluorobiphenyl
Concen: 97.043 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000407.D
Acq: 25 Sep 2019 14:04

Tgt Ion:172 Resp: 2501000

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.8	44.6
170	24.5	19.8	29.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BP000407.D
Acq: 25 Sep 2019 14:04

Tgt Ion:188 Resp: 882654

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	9.7	8.6	13.0

Instrument :
BNA_P
ClientSampleId :
WC-10-091919

Manual Integrations APPROVED
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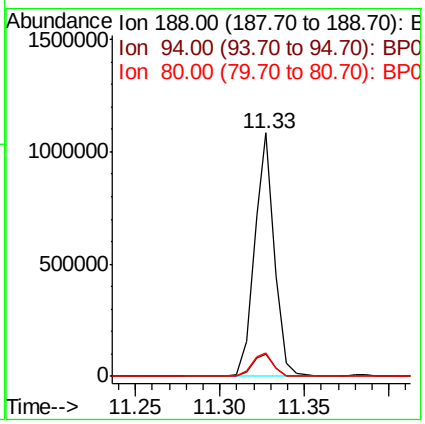
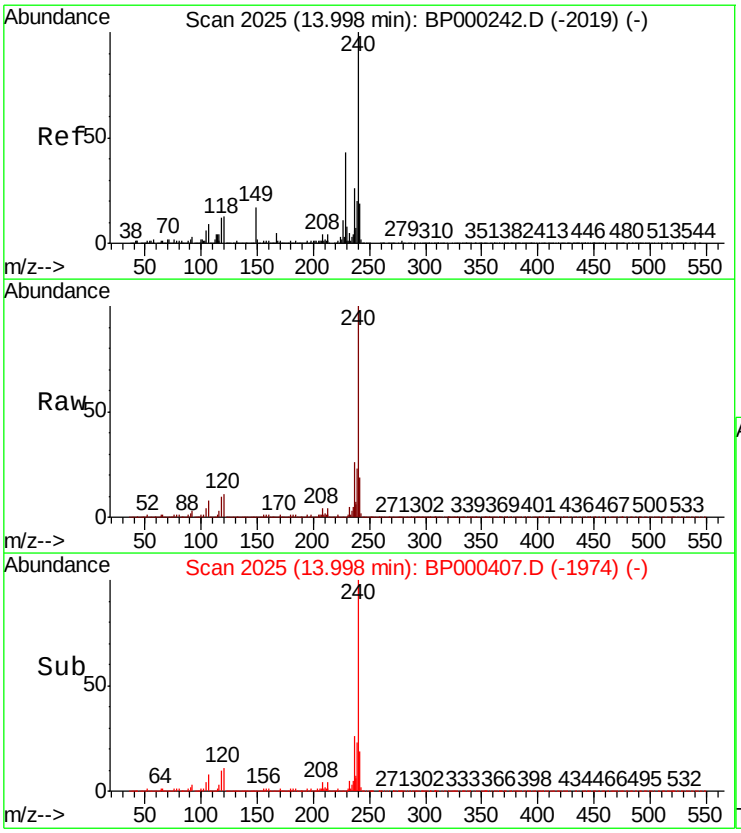
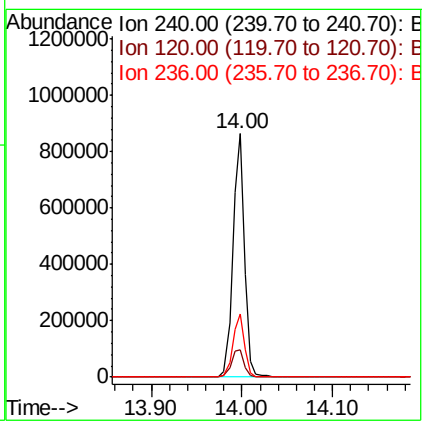


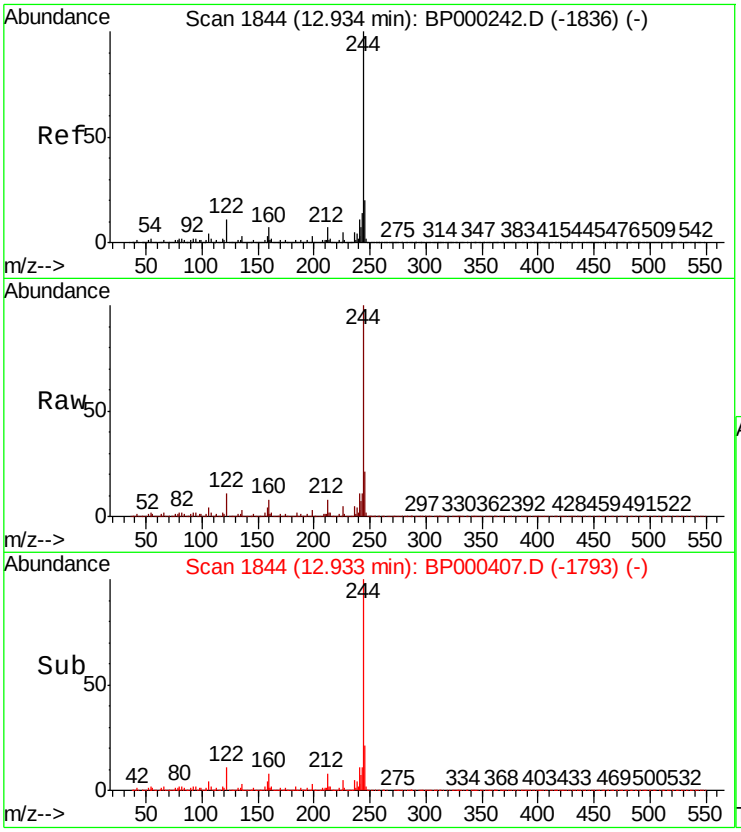


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BP000407.D
Acq: 25 Sep 2019 14:04

Tgt Ion:240 Resp: 773607

Ion	Ratio	Lower	Upper
240	100		
120	11.0	10.4	15.6
236	26.2	21.0	31.6





#79
Terphenyl-d14
Concen: 87.201 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BP000407.D
Acq: 25 Sep 2019 14:04

Tgt Ion:244 Resp: 3215630

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.9	8.9
122	11.5	9.0	13.4

Instrument :
BNA_P
ClientSampleId :
WC-10-091919

Manual Integrations APPROVED
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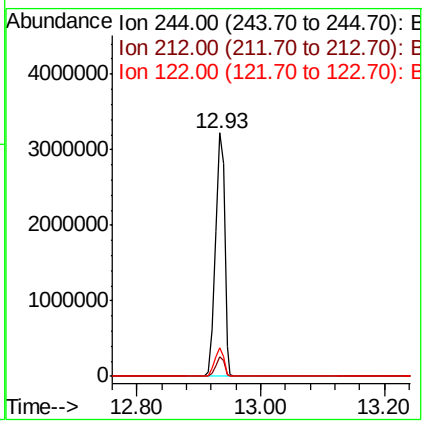
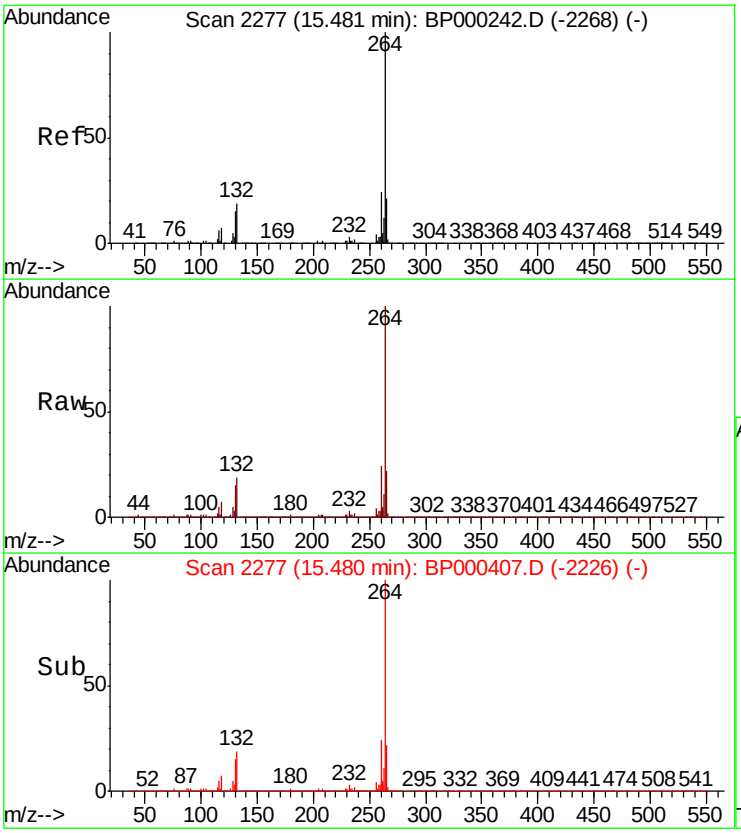
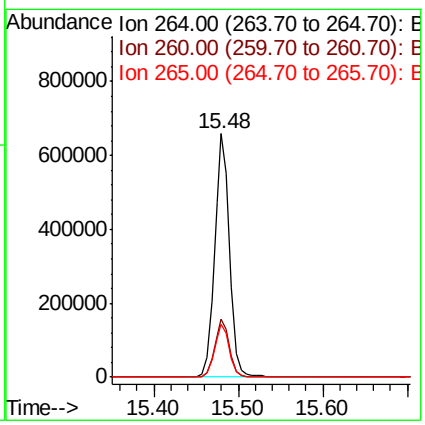
9/26/2019 3:54:27 PM





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BP000407.D
Acq: 25 Sep 2019 14:04

Tgt Ion:264 Resp: 817780

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.9	28.3
265	21.7	17.2	25.8