Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111686.D
Acq On : 21 Dec 2018 14:40
Operator : JU/SJ
Sample : J6447-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS024-0006-01

Manual Integrations APPROVED
Sohil
12/26/2018 3:10:43 PM

Quant Time: Dec 24 10:41:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	196709	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	729497	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	336837	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	526663	20.00	ng	0.00
76) Chrysene-d12	14.05	240	428113	20.00	ng	0.00
87) Perylene-d12	15.53	264	325583	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1176711	101.96	ng	0.00
7) Phenol-d6	6.53	99	1501445	102.23	ng	0.00
23) Nitrobenzene-d5	7.45	82	947052	75.57	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	316927	79.63	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1369511	59.26	ng	0.00
79) Terphenyl-d14	13.00	244	946777	41.94	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.45	77	268769	26.608	ng	98
10) Phenol	6.53	94	99019	5.975	ng	94
32) Benzoic acid	7.90	122	78257m	11.271	ng	
50) Dimethylphthalate	9.64	163	138895	5.639	ng	99

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

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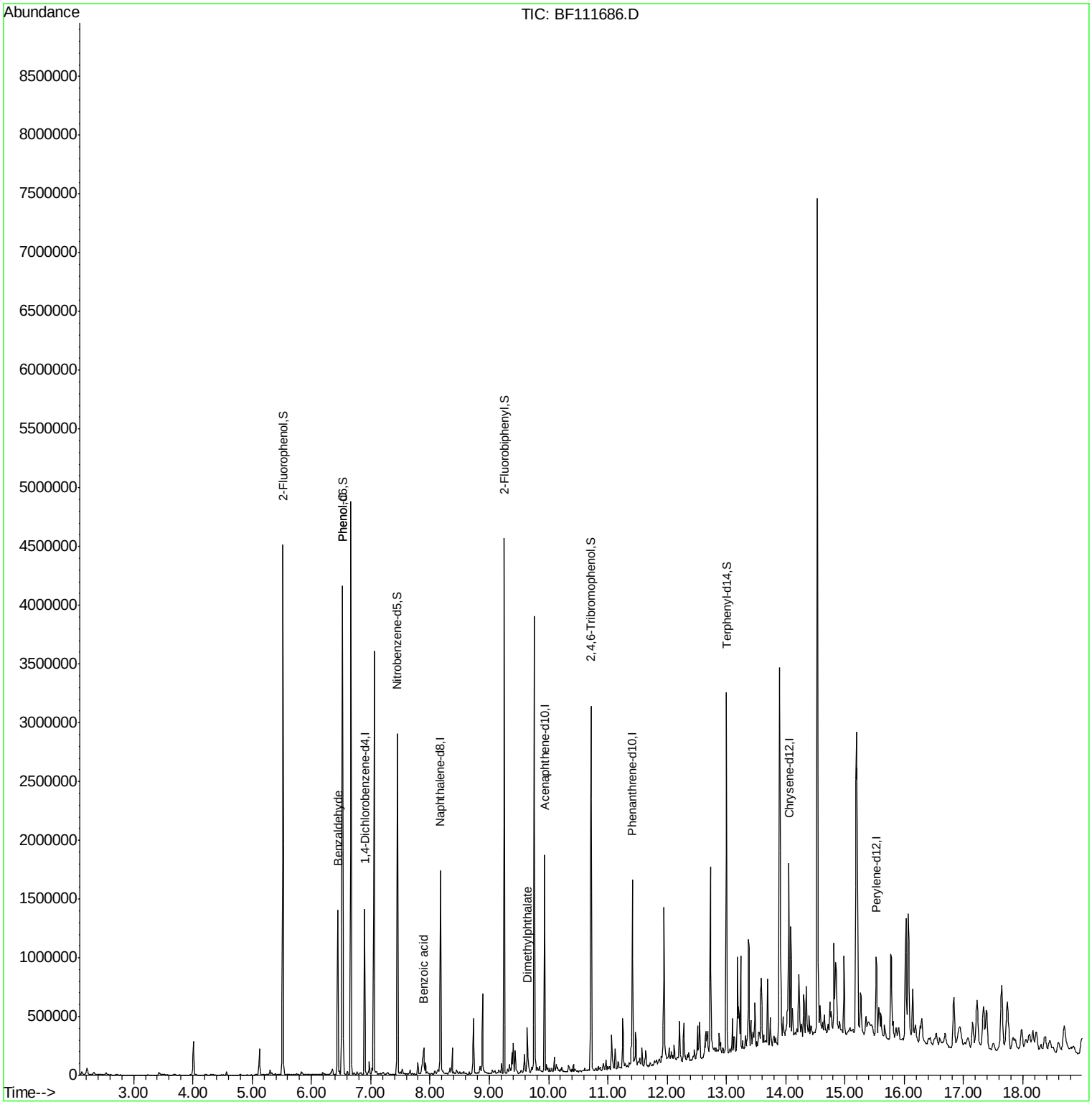
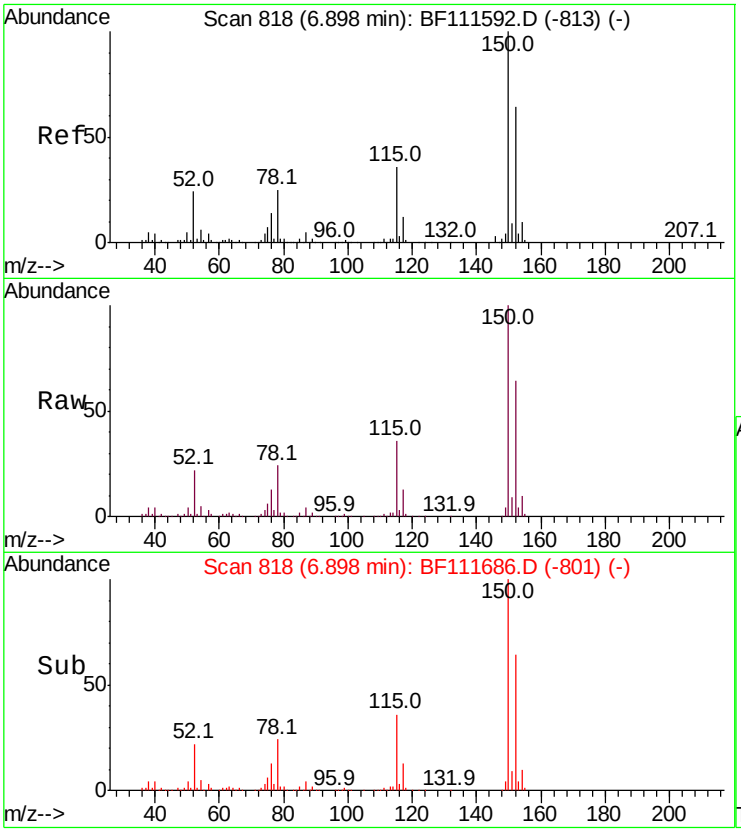
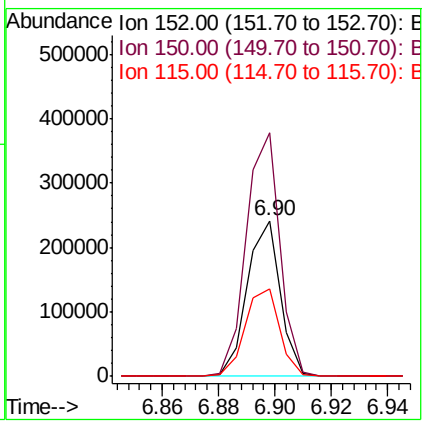




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111686.D
Acq: 21 Dec 2018 14:40

Tgt Ion:152 Resp: 196709

Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.6	189.8
115	56.3	50.7	76.1



Instrument :
BNA_F
ClientSampleId :
P001-SS024-0006-01

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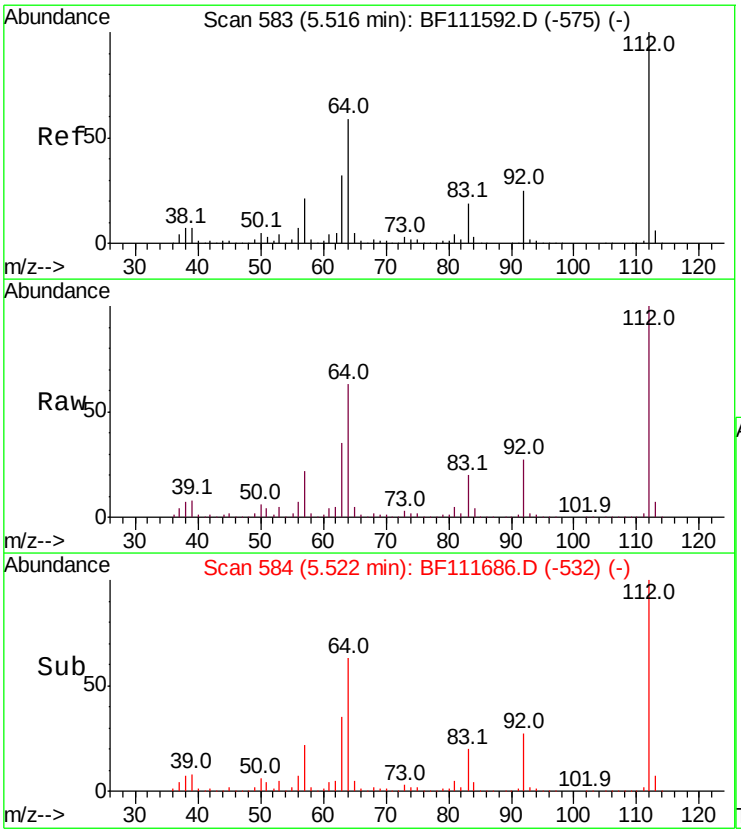
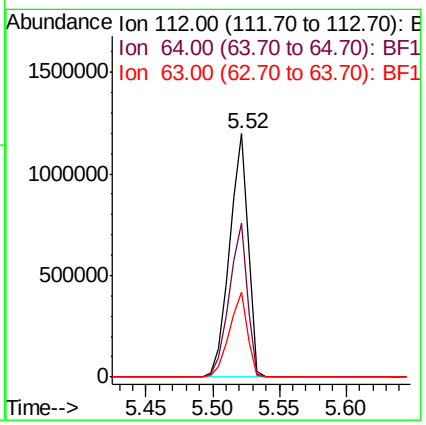
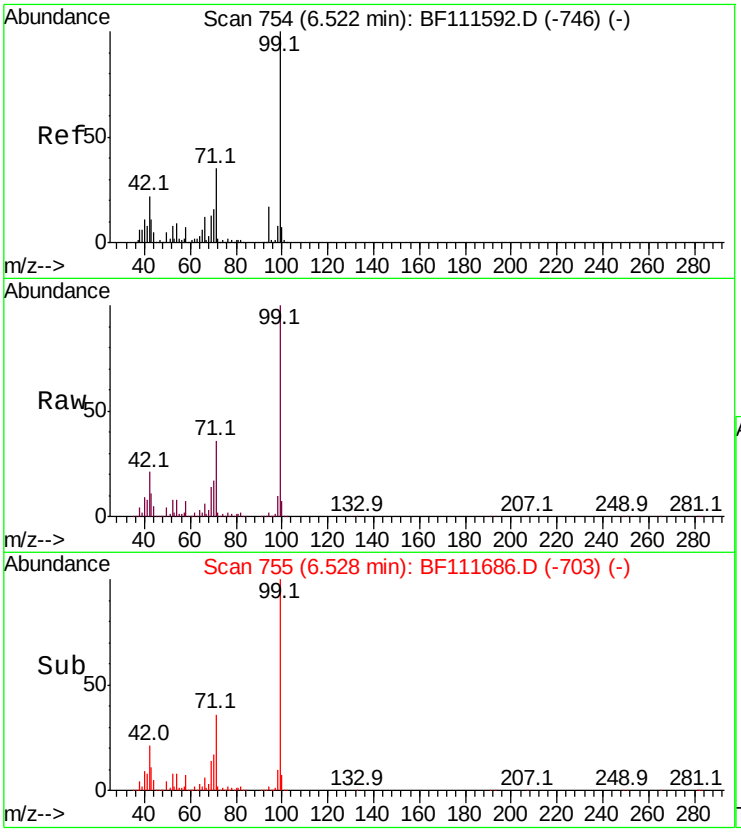


#5
2-Fluorophenol
Concen: 101.965 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF111686.D
Acq: 21 Dec 2018 14:40

Tgt Ion:112 Resp: 1176711

Ion	Ratio	Lower	Upper
112	100		
64	63.4	51.8	77.6
63	34.6	26.8	40.2

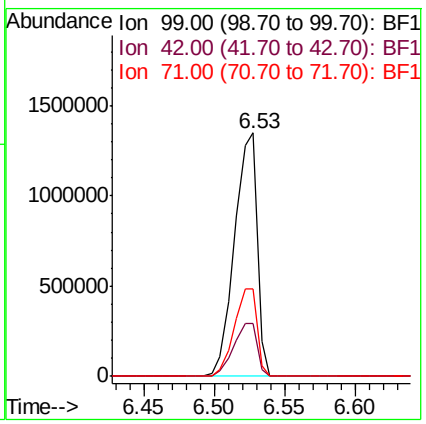




#7
Phenol-d6
Concen: 102.231 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.01 min
Lab File: BF111686.D
Acq: 21 Dec 2018 14:40

Tgt Ion: 99 Resp: 1501445

Ion	Ratio	Lower	Upper
99	100		
42	21.5	17.4	26.0
71	35.9	26.1	39.1



Instrument :
BNA_F
ClientSampleId :
P001-SS024-0006-01

Manual Integrations APPROVED
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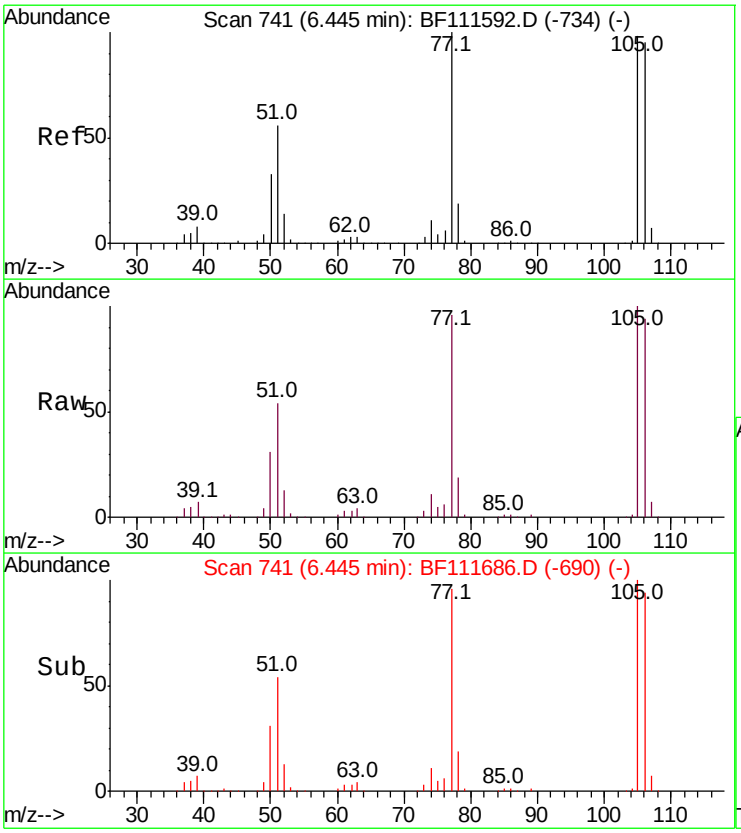
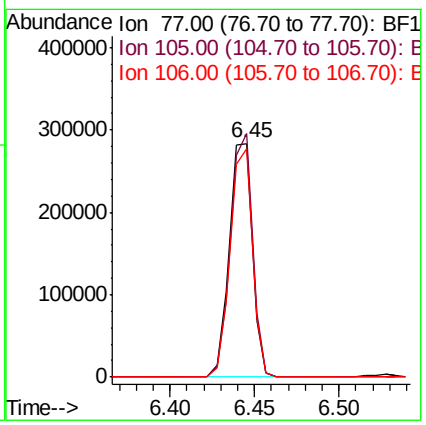
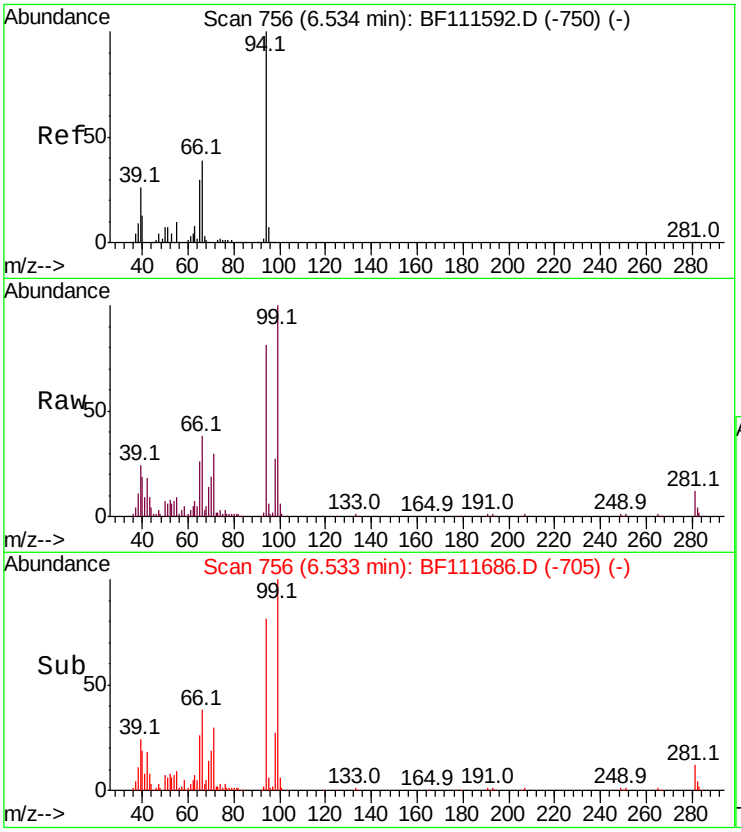


#9
Benzaldehyde
Concen: 26.608 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF111686.D
Acq: 21 Dec 2018 14:40

Tgt Ion: 77 Resp: 268769

Ion	Ratio	Lower	Upper
77	100		
105	104.3	81.4	121.4
106	97.6	77.9	117.9

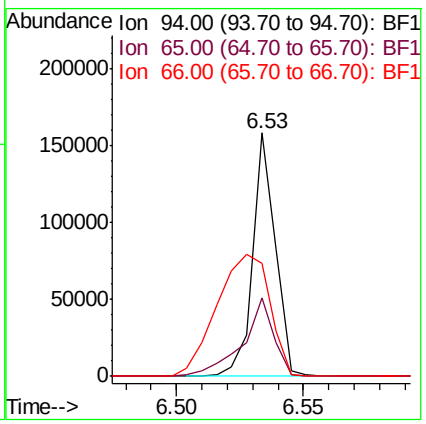




#10
Phenol
Concen: 5.975 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.00 min
Lab File: BF111686.D
Acq: 21 Dec 2018 14:40

Tgt Ion: 94 Resp: 99019

Ion	Ratio	Lower	Upper
94	100		
65	32.4	11.7	51.7
66	46.5	21.0	61.0



Instrument :
BNA_F
ClientSampleId :
P001-SS024-0006-01

Manual Integrations APPROVED
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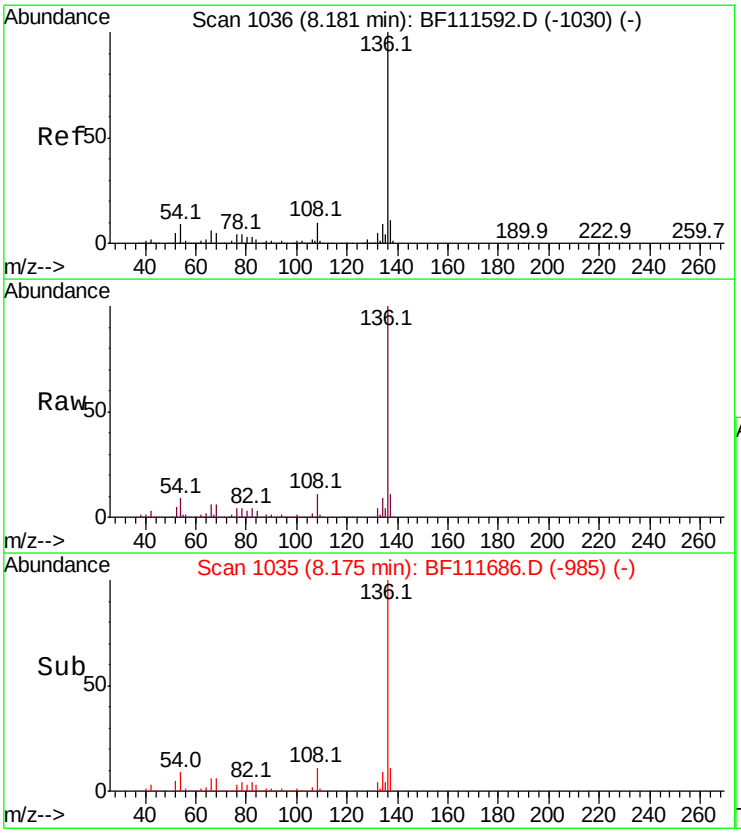
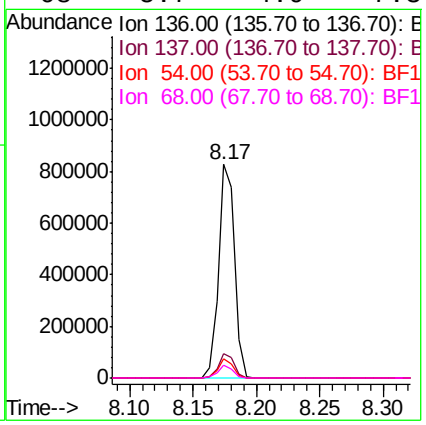
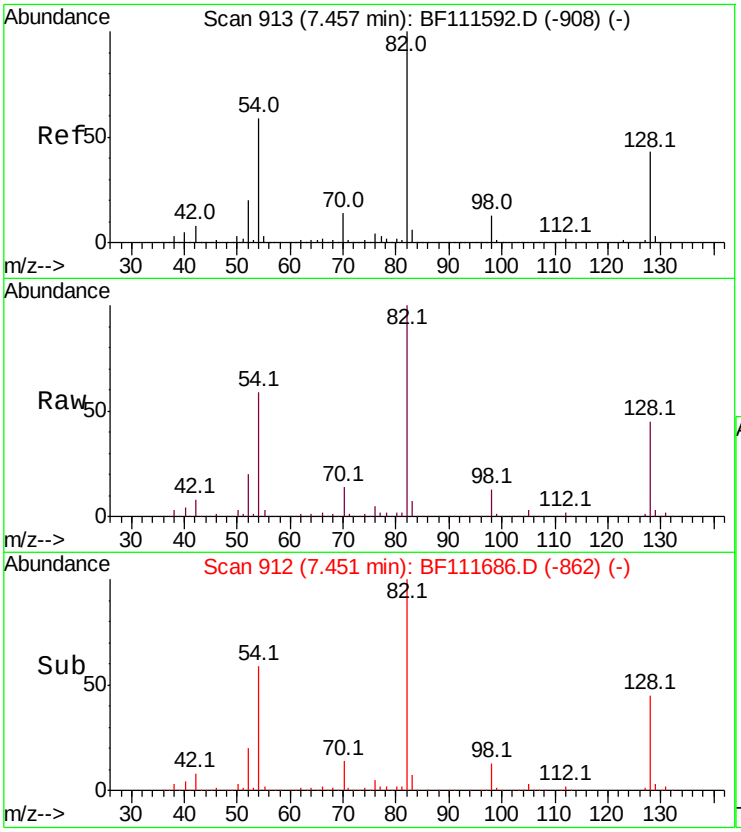


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF111686.D
Acq: 21 Dec 2018 14:40

Tgt Ion:136 Resp: 729497

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	9.2	7.7	11.5
68	5.7	4.9	7.3

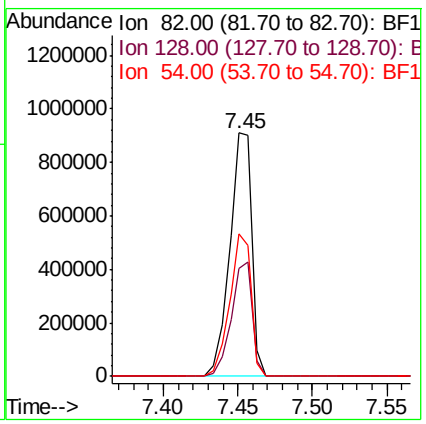




#23
Nitrobenzene-d5
Concen: 75.567 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF111686.D
Acq: 21 Dec 2018 14:40

Tgt Ion: 82 Resp: 947052

Ion	Ratio	Lower	Upper
82	100		
128	44.6	37.4	56.2
54	58.7	47.6	71.4



Instrument :
BNA_F
ClientSampleId :
P001-SS024-0006-01

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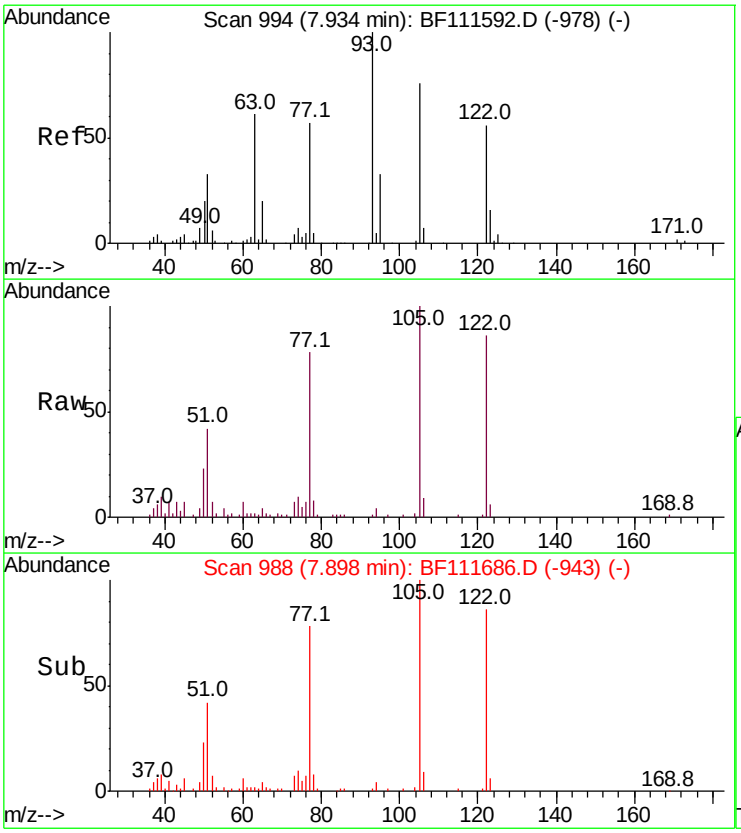
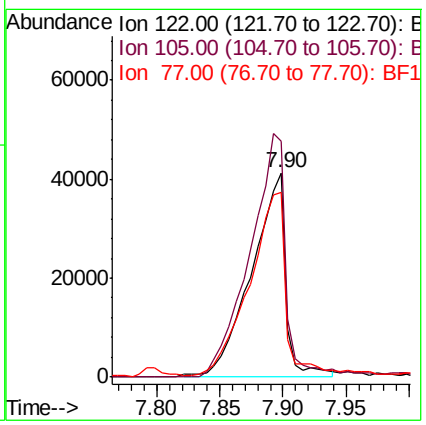
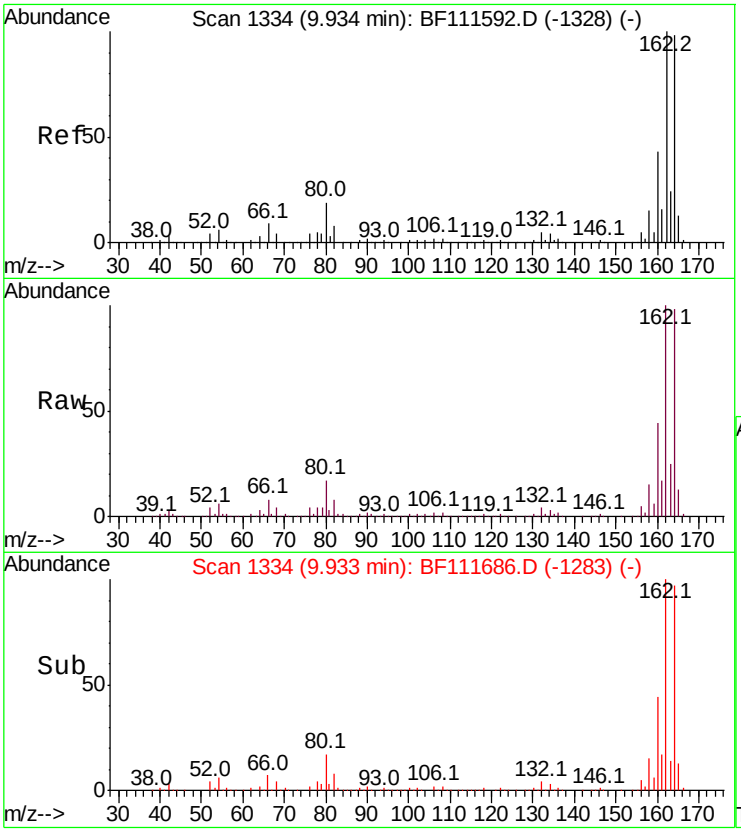


#32
Benzoic acid
Concen: 11.271 ng m
RT: 7.90 min Scan# 988
Delta R.T. -0.04 min
Lab File: BF111686.D
Acq: 21 Dec 2018 14:40

Tgt Ion:122 Resp: 78257

Ion	Ratio	Lower	Upper
122	100		
105	115.7	97.0	137.0
77	90.5	65.7	105.7

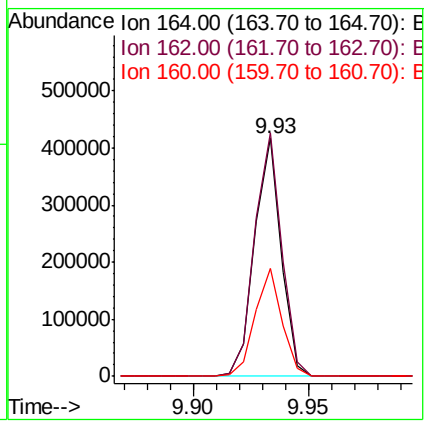




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF111686.D
Acq: 21 Dec 2018 14:40

Tgt Ion:164 Resp: 336837

Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.4	122.0
160	45.1	35.7	53.5



Instrument :
BNA_F
ClientSampleId :
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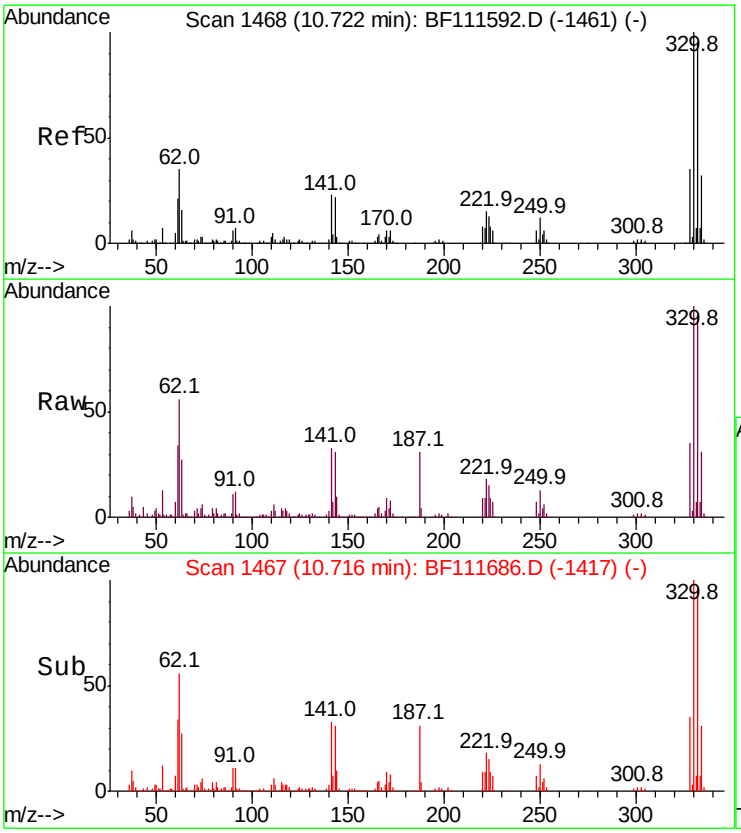
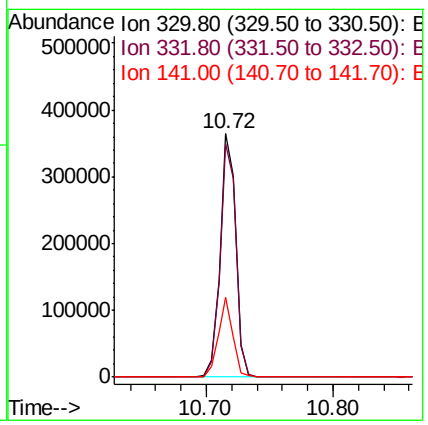
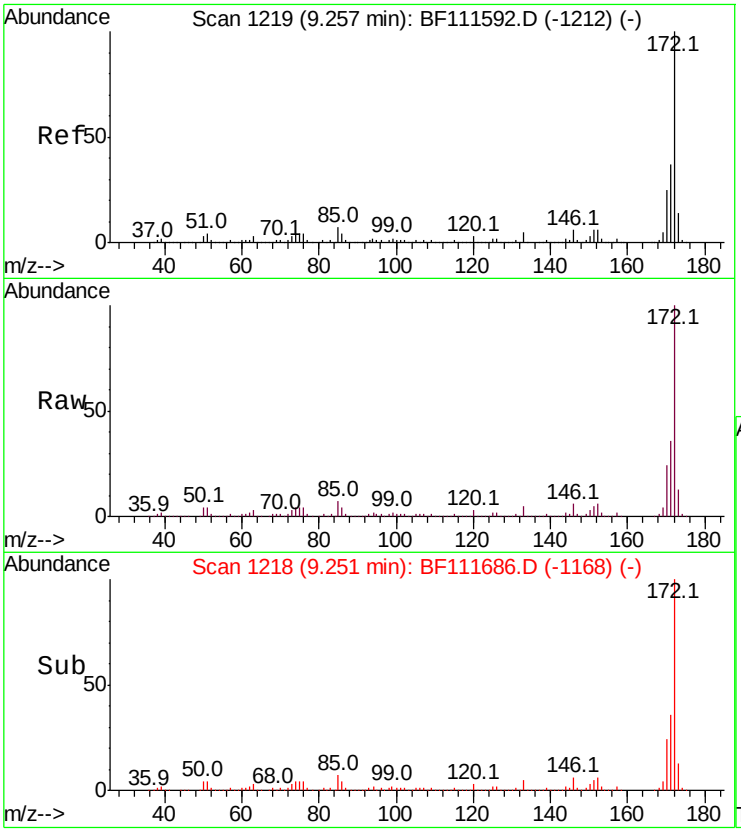


#42
2,4,6-Tribromophenol
Concen: 79.630 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF111686.D
Acq: 21 Dec 2018 14:40

Tgt Ion:330 Resp: 316927

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.0	114.0
141	30.5	31.0	46.6#

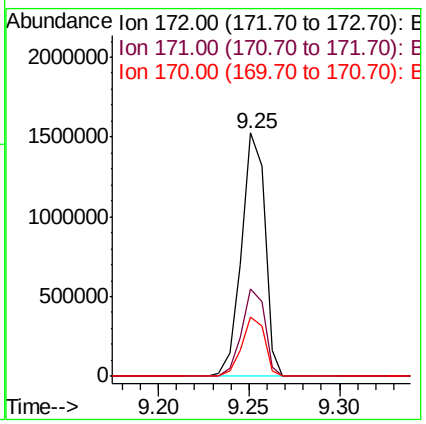




#45
2-Fluorobiphenyl
Concen: 59.262 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111686.D
Acq: 21 Dec 2018 14:40

Tgt Ion:172 Resp: 1369511

Ion	Ratio	Lower	Upper
172	100		
171	35.9	33.0	49.4
170	24.2	22.3	33.5



Instrument :
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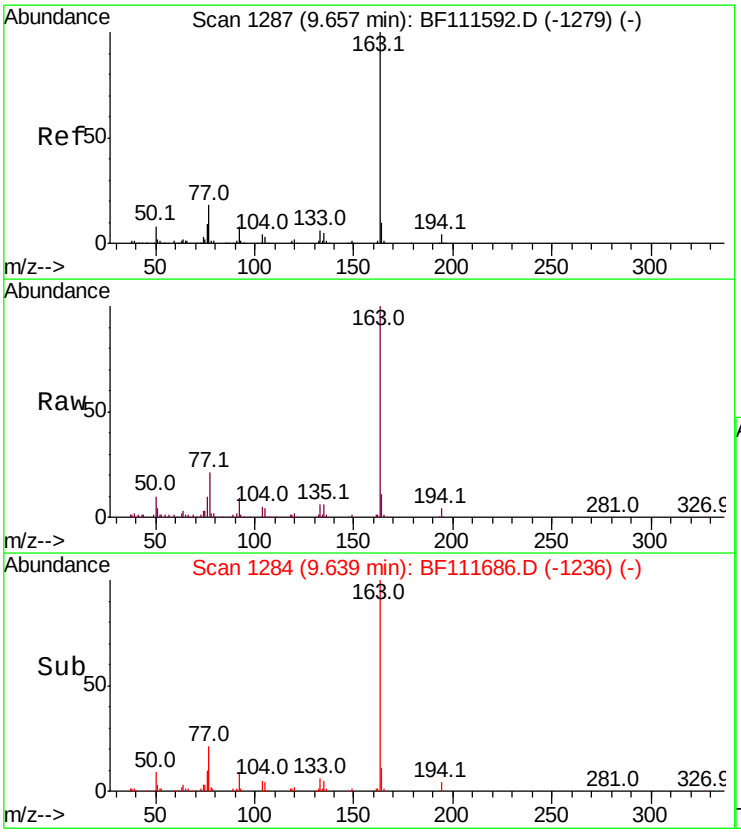
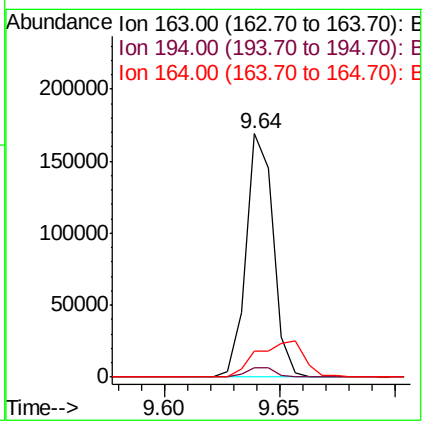
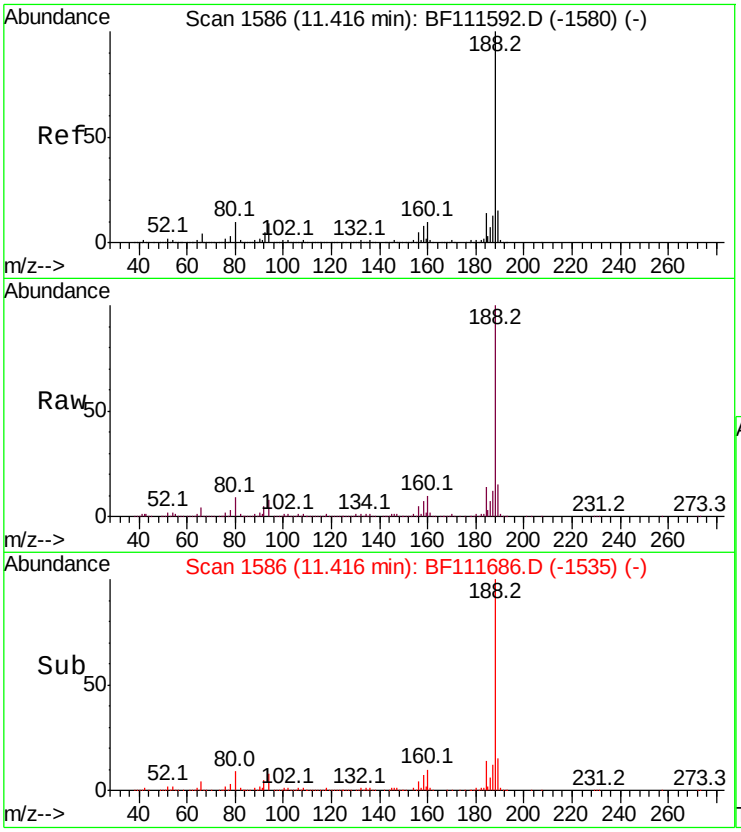


#50
Dimethylphthalate
Concen: 5.639 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111686.D
Acq: 21 Dec 2018 14:40

Tgt Ion:163 Resp: 138895

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.5	8.9	13.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF111686.D
Acq: 21 Dec 2018 14:40

Tgt Ion:188 Resp: 526663

Ion	Ratio	Lower	Upper
188	100		
94	8.3	9.6	14.4#
80	9.3	9.8	14.6#

Instrument :
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ClientSampleId :
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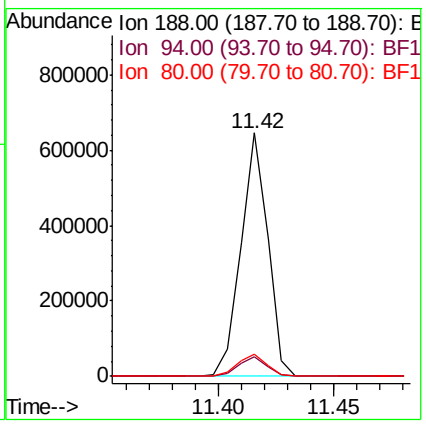
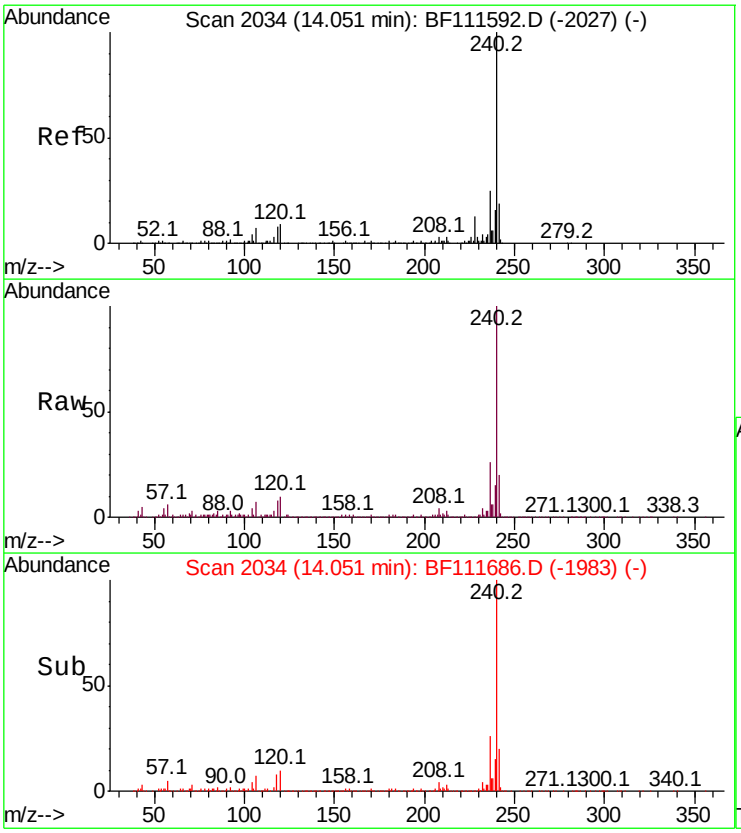
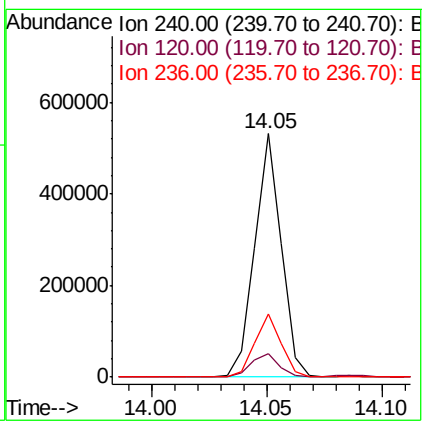


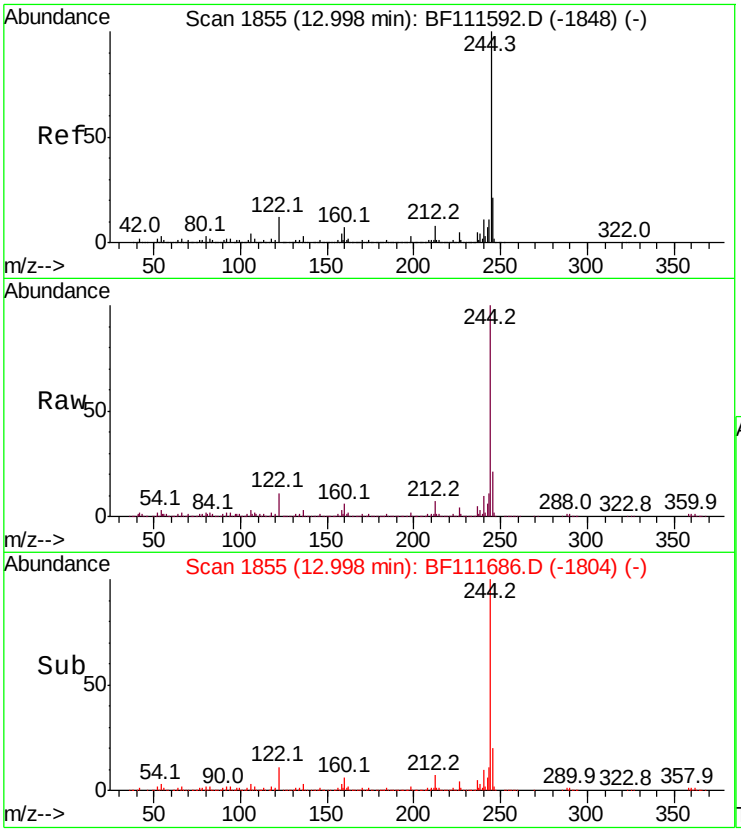


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF111686.D
Acq: 21 Dec 2018 14:40

Tgt Ion:240 Resp: 428113

Ion	Ratio	Lower	Upper
240	100		
120	9.6	12.2	18.2#
236	26.1	20.2	30.2





#79
Terphenyl-d14
Concen: 41.939 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF111686.D
Acq: 21 Dec 2018 14:40

Tgt Ion:244 Resp: 946777

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	10.6	13.1	19.7#

Instrument :
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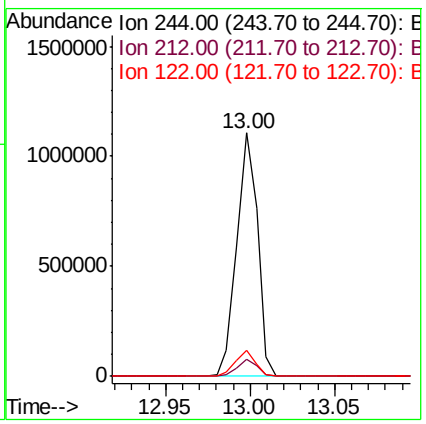

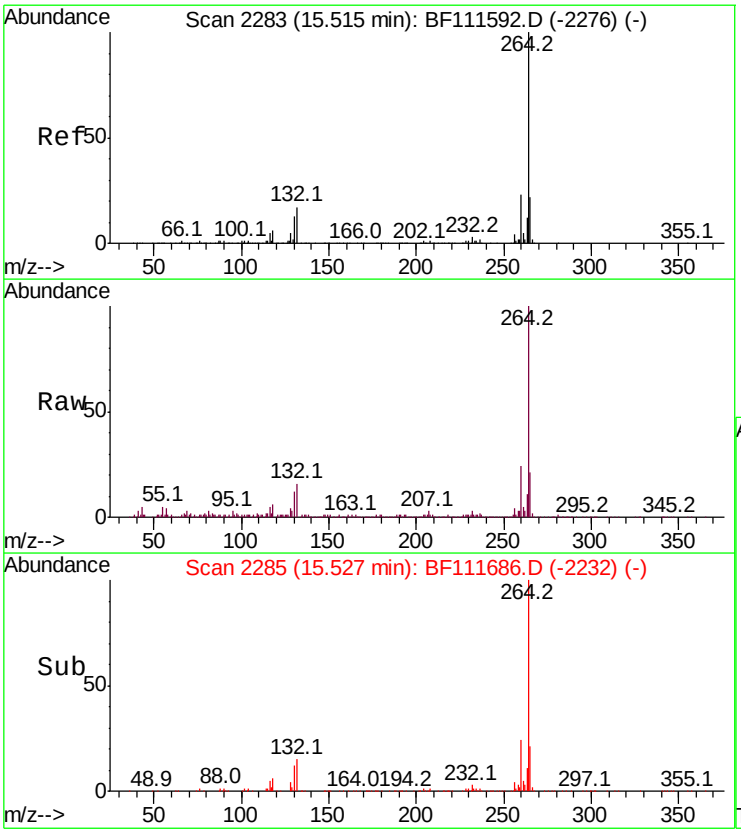

#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. 0.01 min
Lab File: BF111686.D
Acq: 21 Dec 2018 14:40

Tgt Ion:264 Resp: 325583

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.3	27.5
265	20.9	17.7	26.5