Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112505.D
Acq On : 12 Feb 2019 11:54
Operator : JU/SJ
Sample : K1442-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-12

Manual Integrations APPROVED
Sohil
2/13/2019 11:12:05 AM

Quant Time: Feb 13 08:28:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	105399	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	370677	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	154792	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	276268	20.00	ng		-0.01
76) Chrysene-d12	14.01	240	246817	20.00	ng		0.00
87) Perylene-d12	15.49	264	172983	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	530204	106.85	ng		-0.01
7) Phenol-d6	6.49	99	629352	91.27	ng		0.00
23) Nitrobenzene-d5	7.40	82	382206	59.41	ng		-0.01
42) 2,4,6-Tribromophenol	10.66	330	151673	84.18	ng		-0.02
45) 2-Fluorobiphenyl	9.19	172	644546	58.89	ng		-0.02
79) Terphenyl-d14	12.94	244	610306	46.57	ng		-0.01
Target Compounds							Qvalue
50) Dimethylphthalate	9.58	163	52730	4.384	ng		97
71) Phenanthrene	11.38	178	83253	5.796	ng		98
72) Anthracene	11.44	178	33889	2.369	ng		96
75) Fluoranthene	12.57	202	285214	18.514	ng		97
78) Pyrene	12.80	202	280600	16.421	ng		98
81) Benzo(a)anthracene	14.00	228	144029	9.927	ng		98
83) Chrysene	14.03	228	121545	8.776	ng		99
86) Indeno(1,2,3-cd)pyrene	16.98	276	57807	5.267	ng	#	92
88) Benzo(b)fluoranthene	15.06	252	151168m	14.612	ng		
89) Benzo(k)fluoranthene	15.08	252	39768m	4.013	ng		
90) Benzo(a)pyrene	15.43	252	98121	10.541	ng	#	92
92) Benzo(g,h,i)perylene	17.44	276	55615	7.858	ng		94

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

Quantitation Report (LSC Reviewed)

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Acq On : 12 Feb 2019 11:54
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COMP-12

Manual Integrations APPROVED
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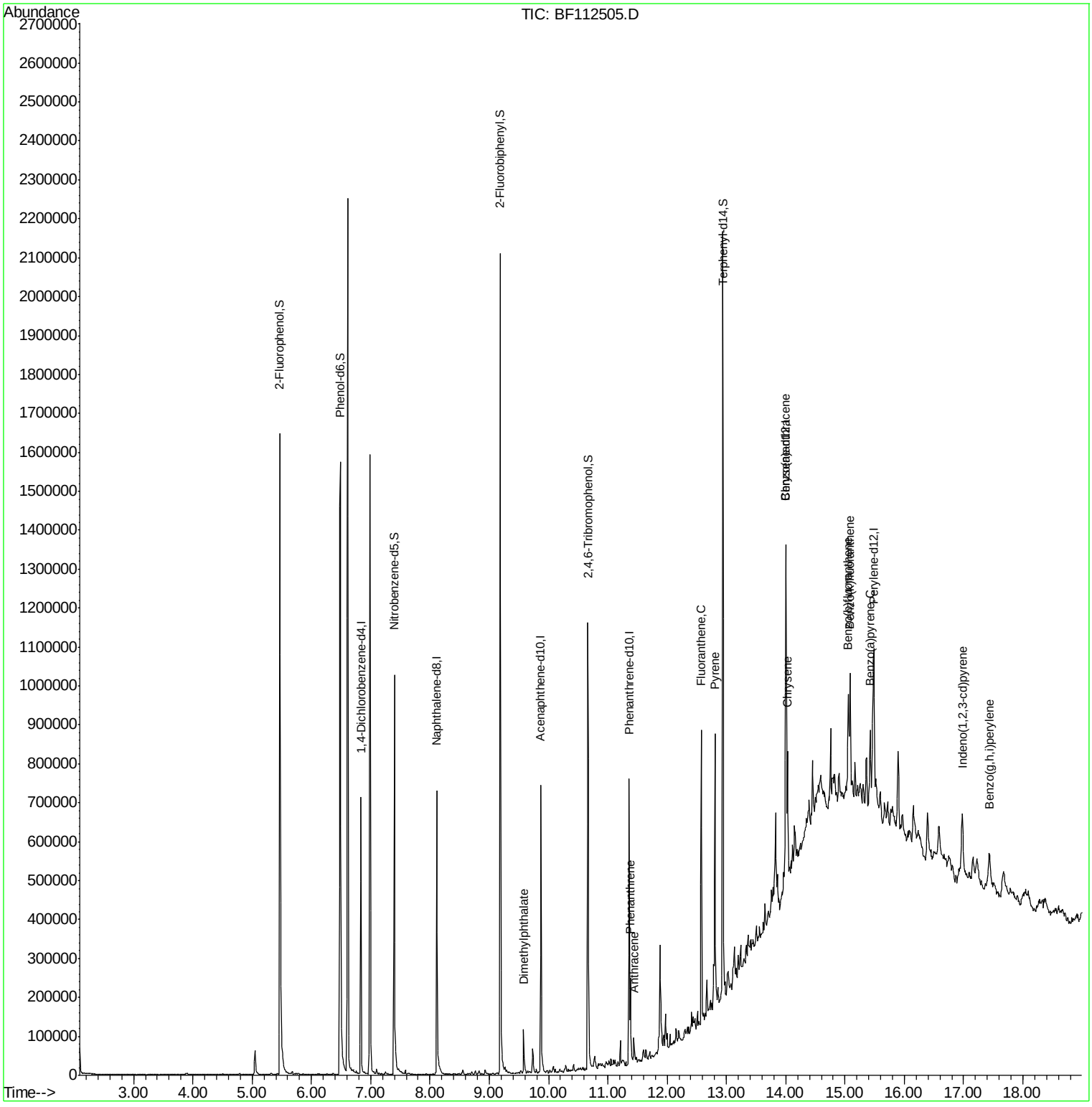
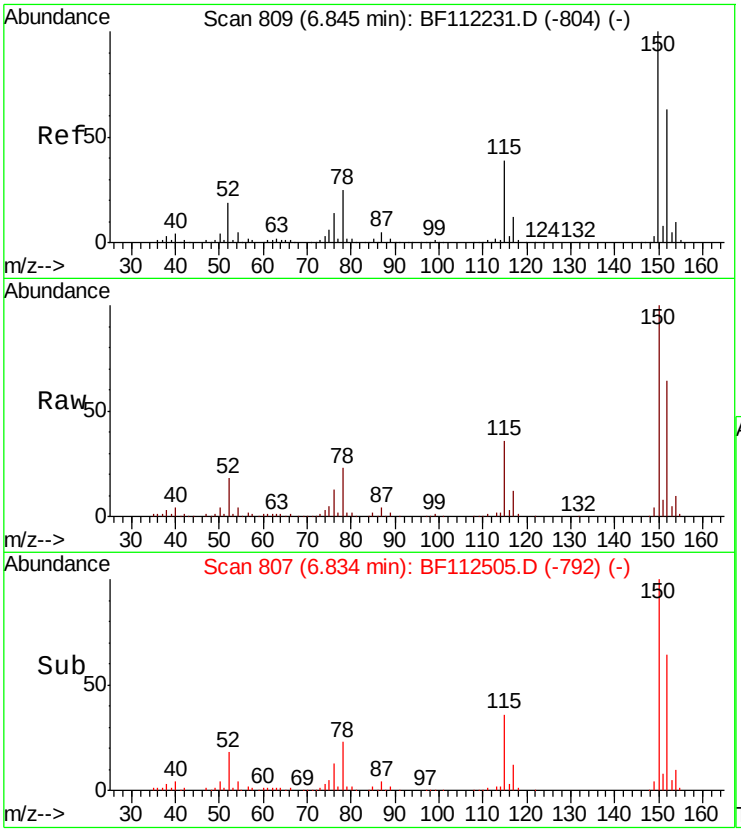
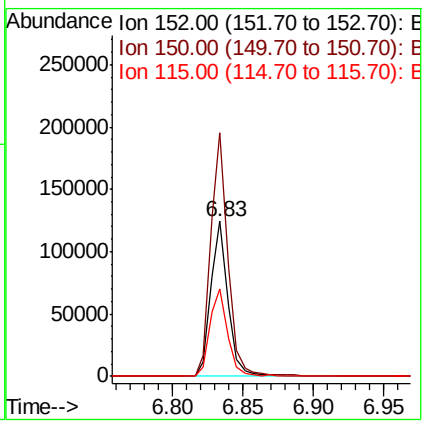




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112505.D
Acq: 12 Feb 2019 11:54

Tgt Ion:152 Resp: 105399

Ion	Ratio	Lower	Upper
152	100		
150	156.9	127.4	191.0
115	56.0	45.5	68.3



Instrument :
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ClientSampleId :
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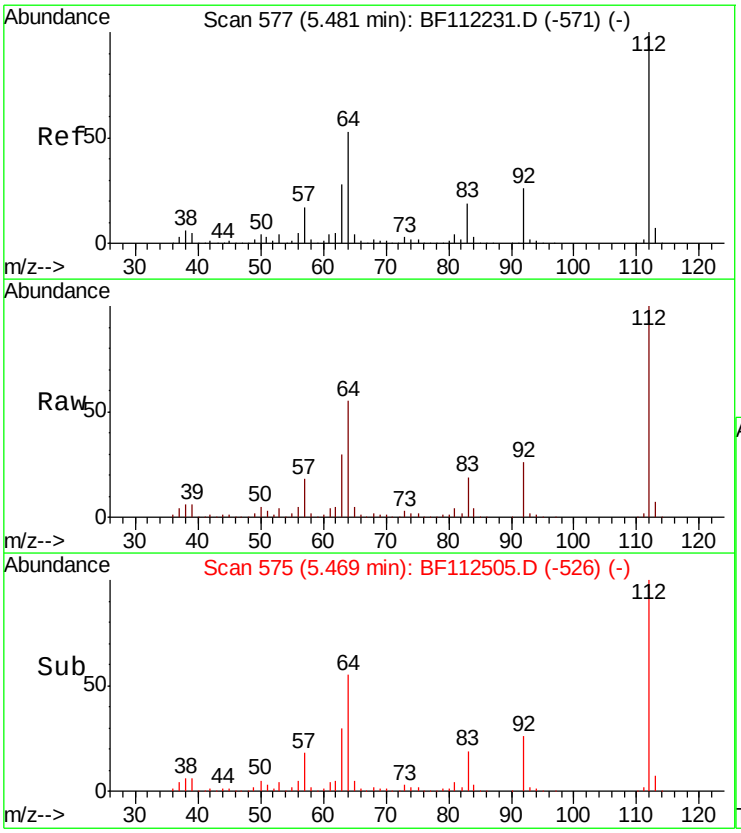
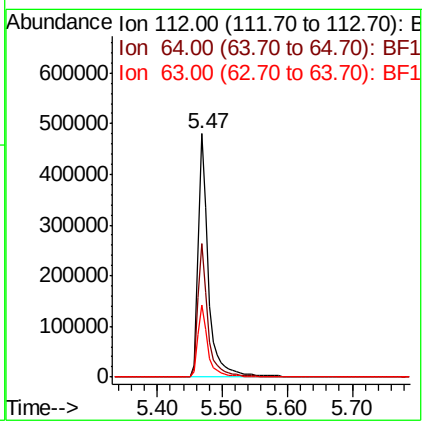
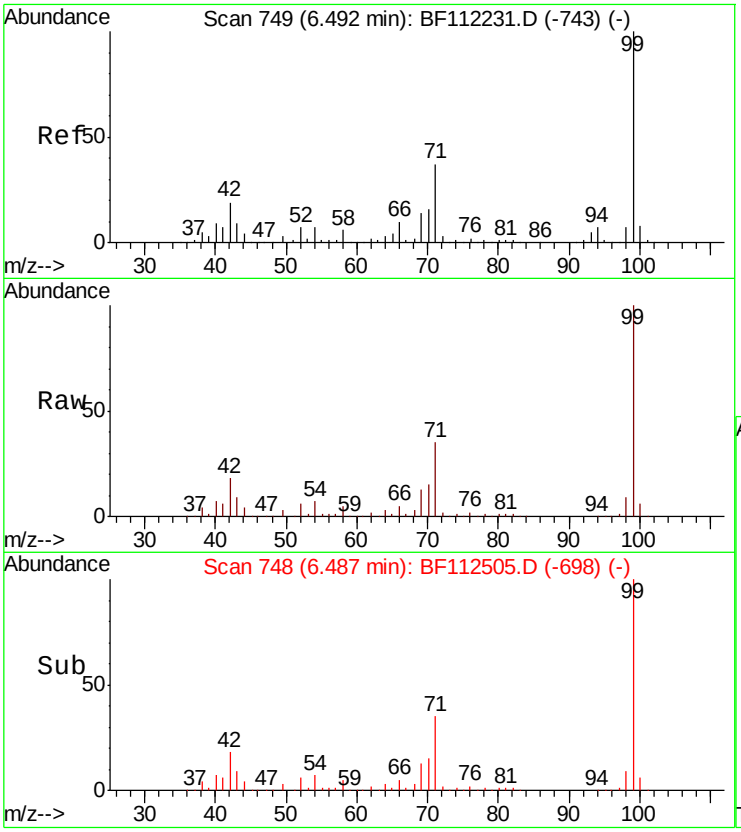


#5
2-Fluorophenol
Concen: 106.850 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112505.D
Acq: 12 Feb 2019 11:54

Tgt Ion:112 Resp: 530204

Ion	Ratio	Lower	Upper
112	100		
64	55.1	45.7	68.5
63	29.6	23.6	35.4

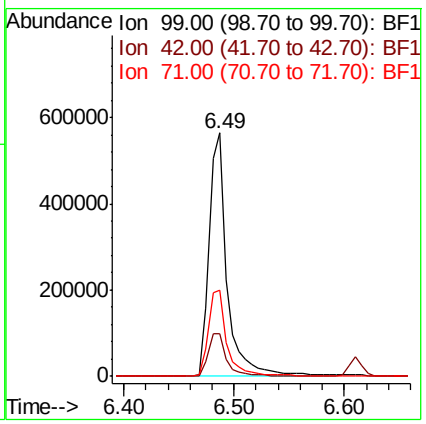




#7
Phenol-d6
Concen: 91.275 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF112505.D
Acq: 12 Feb 2019 11:54

Tgt Ion: 99 Resp: 629352

Ion	Ratio	Lower	Upper
99	100		
42	17.7	15.1	22.7
71	35.3	26.9	40.3



Instrument :
BNA_F
ClientSampleId :
COMP-12

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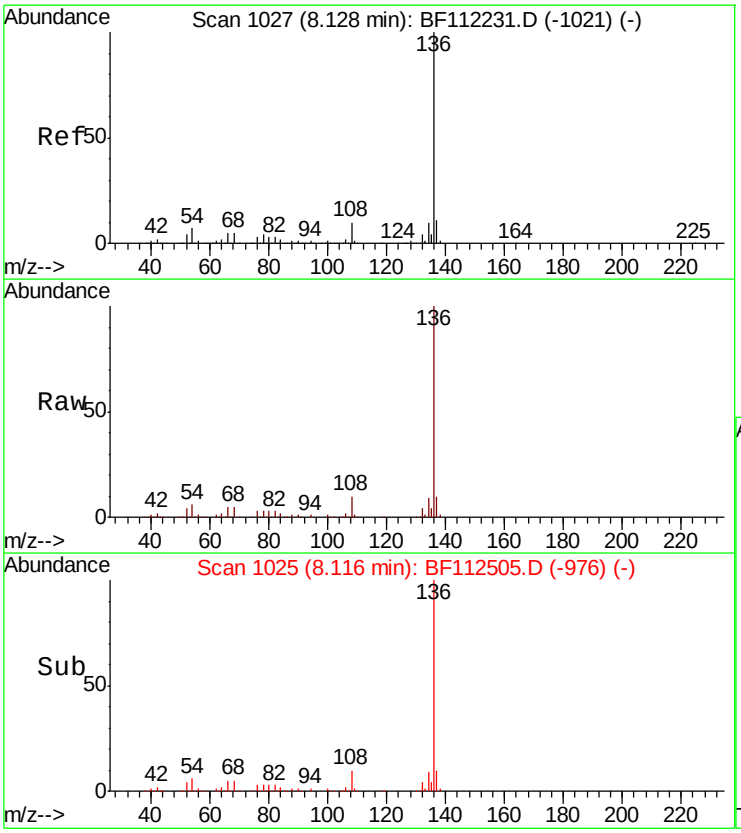
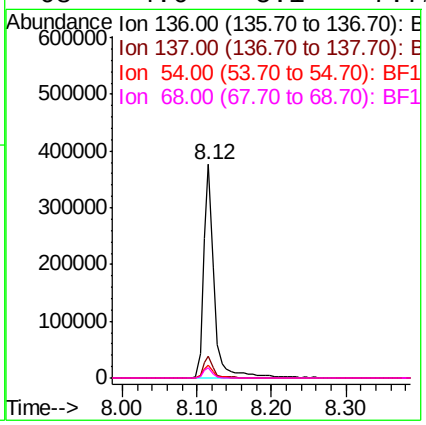
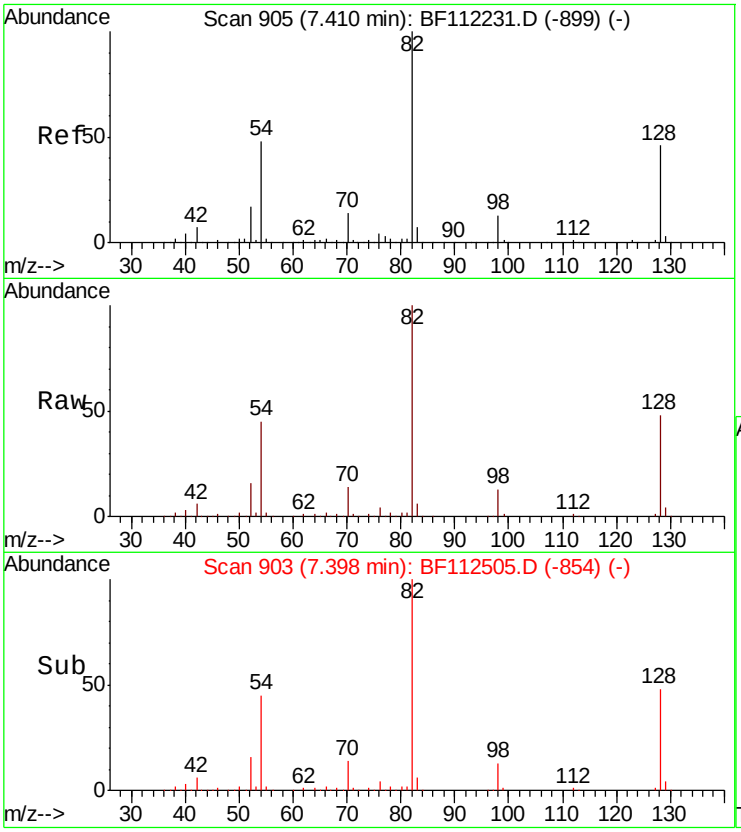


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112505.D
Acq: 12 Feb 2019 11:54

Tgt Ion:136 Resp: 370677

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	6.1	5.9	8.9
68	4.6	5.1	7.7#

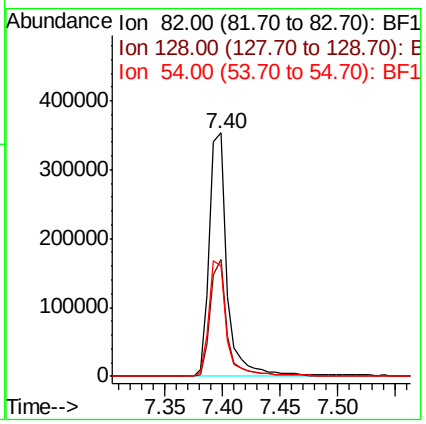




#23
Nitrobenzene-d5
Concen: 59.412 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112505.D
Acq: 12 Feb 2019 11:54

Tgt Ion: 82 Resp: 382206

Ion	Ratio	Lower	Upper
82	100		
128	48.0	37.8	56.8
54	45.4	39.7	59.5



Instrument :
BNA_F
ClientSampleId :
COMP-12

Manual Integrations APPROVED
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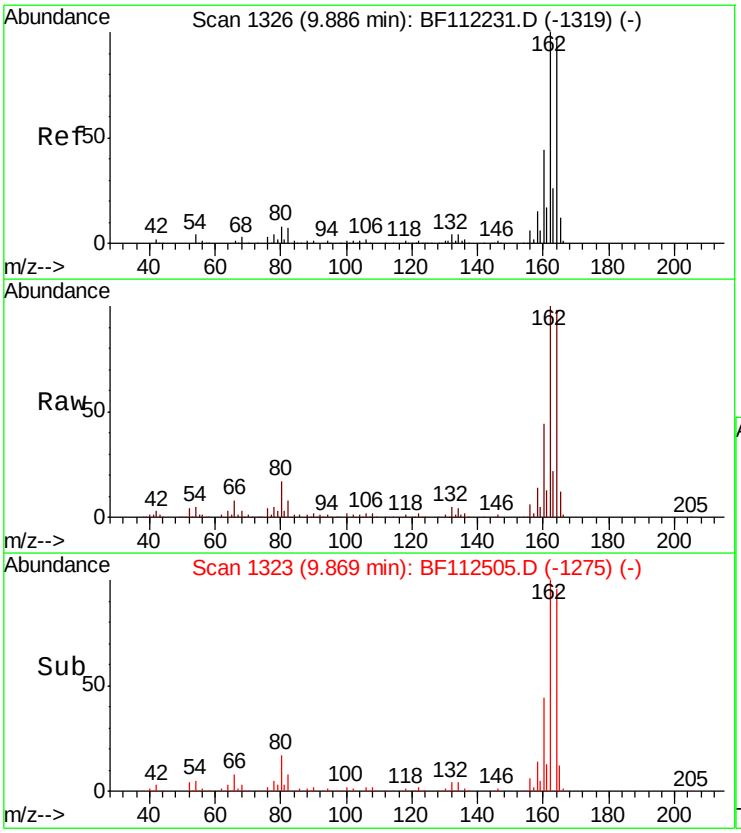
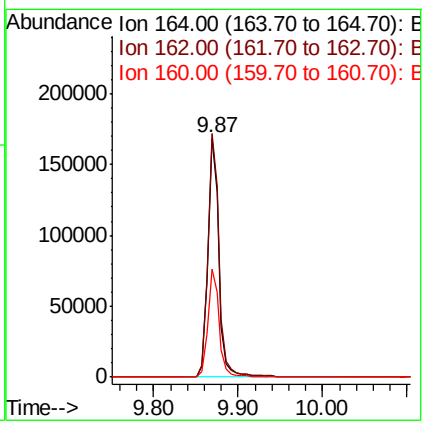
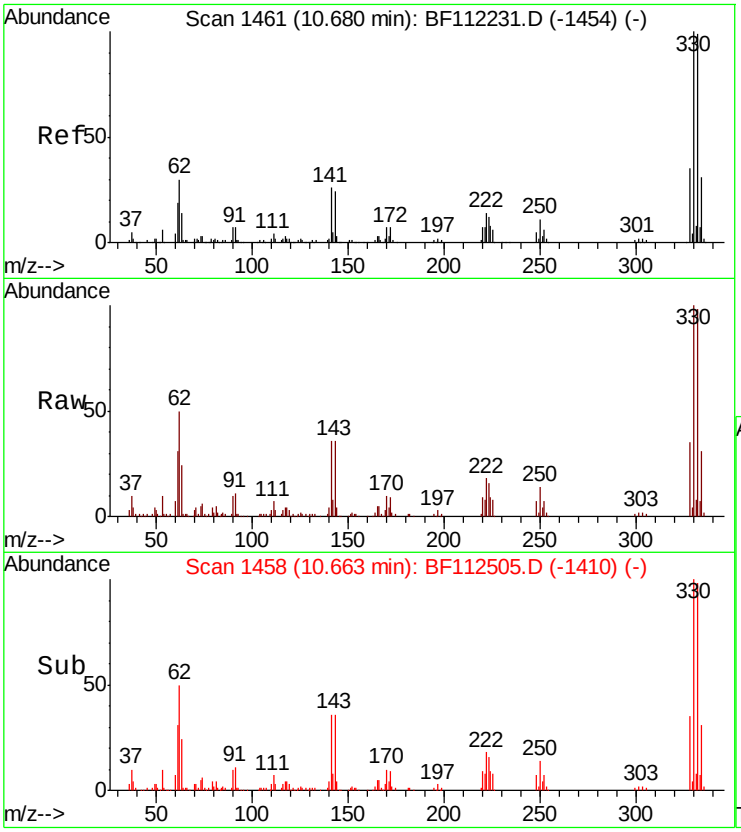


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112505.D
Acq: 12 Feb 2019 11:54

Tgt Ion:164 Resp: 154792

Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.2	123.4
160	45.0	36.2	54.4

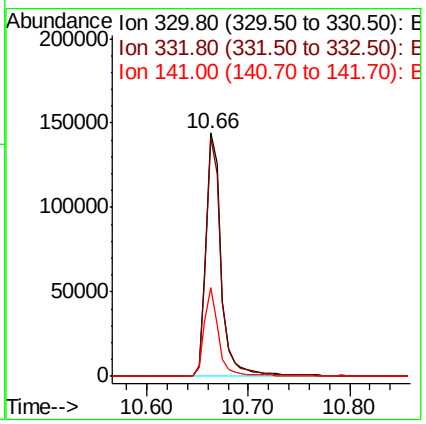




#42
2,4,6-Tribromophenol
Concen: 84.182 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF112505.D
Acq: 12 Feb 2019 11:54

Tgt Ion:330 Resp: 151673

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	114.8
141	34.3	24.3	36.5



Instrument :
BNA_F
ClientSampleId :
COMP-12

Manual Integrations APPROVED
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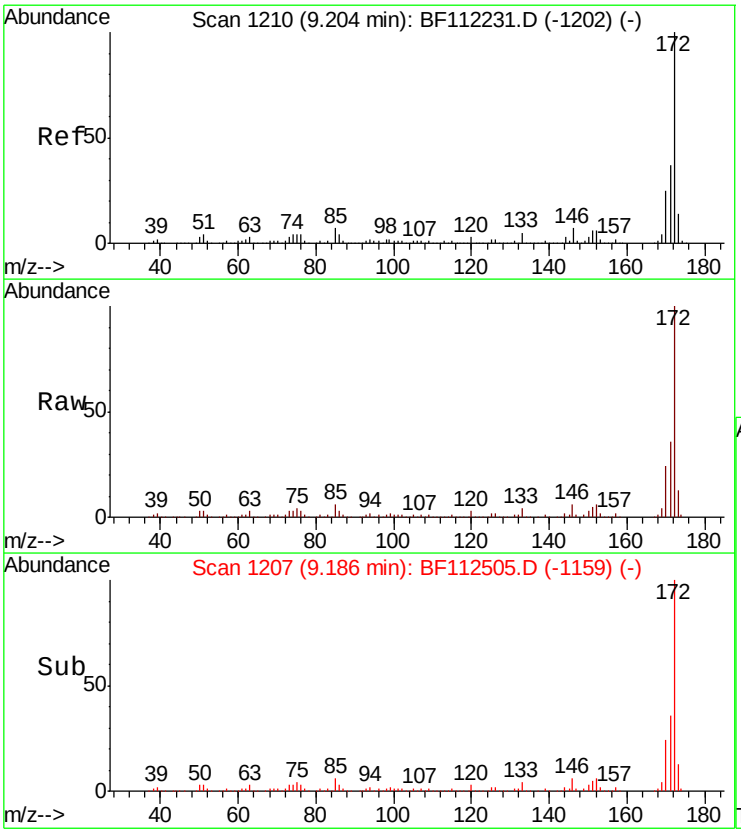
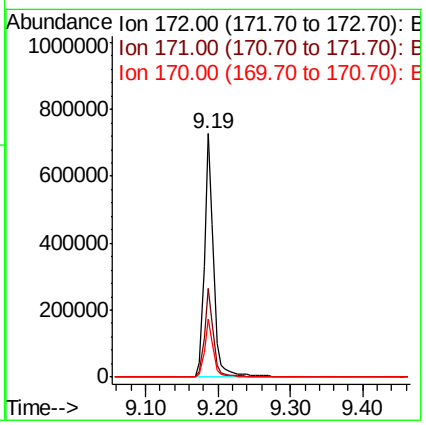
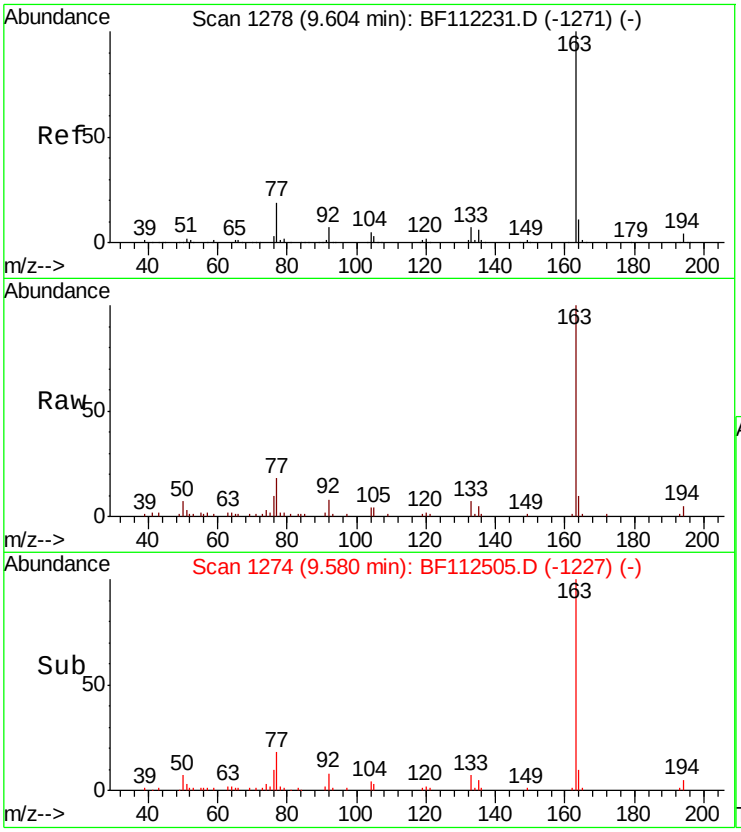


#45
2-Fluorobiphenyl
Concen: 58.892 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112505.D
Acq: 12 Feb 2019 11:54

Tgt Ion:172 Resp: 644546

Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.5	45.7
170	23.6	20.2	30.4

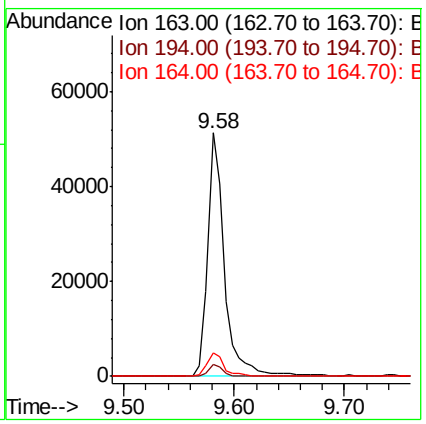




#50
Dimethylphthalate
Concen: 4.384 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112505.D
Acq: 12 Feb 2019 11:54

Tgt Ion:163 Resp: 52730

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.3	4.9
164	9.6	8.5	12.7



Instrument :
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ClientSampleId :
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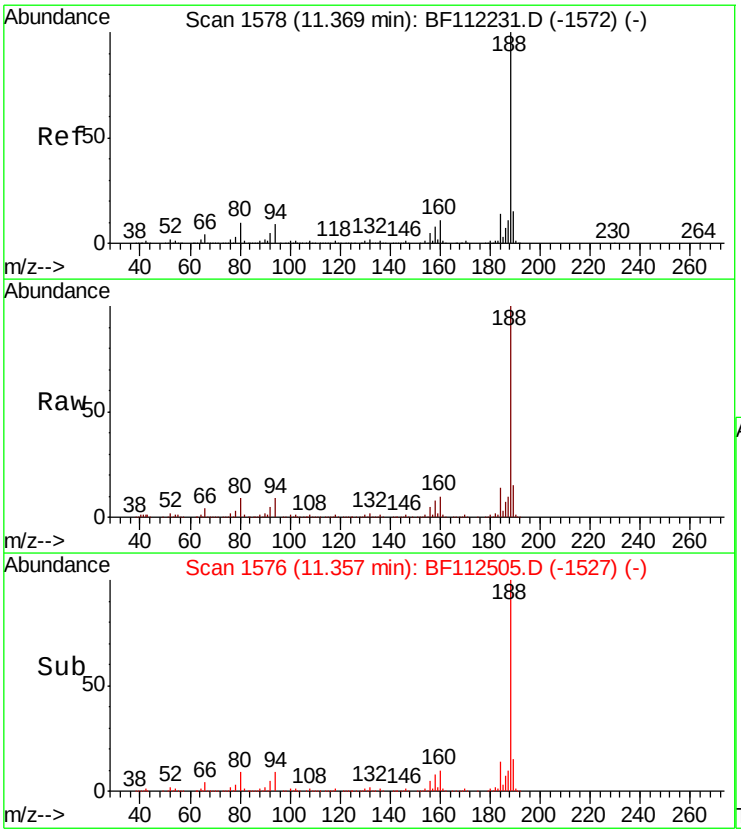
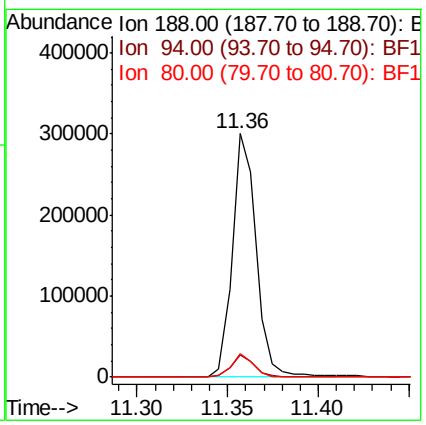
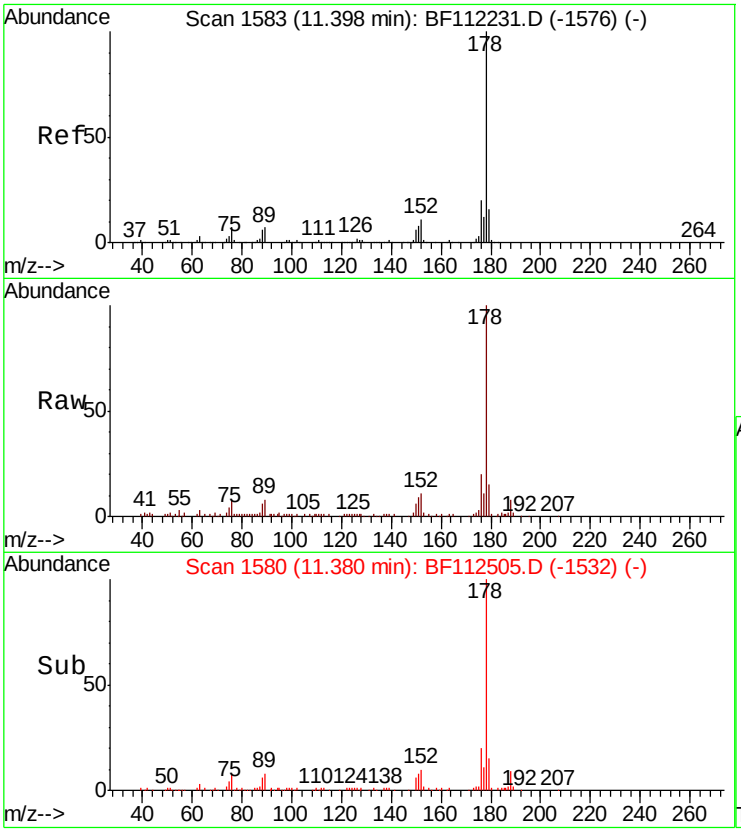


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112505.D
Acq: 12 Feb 2019 11:54

Tgt Ion:188 Resp: 276268

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.2	12.2
80	9.4	8.9	13.3

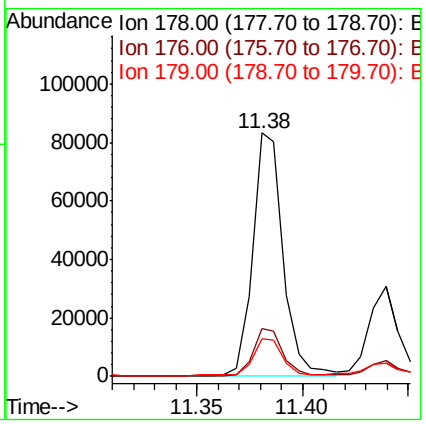




#71
Phenanthrene
Concen: 5.796 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF112505.D
Acq: 12 Feb 2019 11:54

Tgt Ion:178 Resp: 83253

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.3	24.5
179	15.2	13.0	19.4



Instrument :
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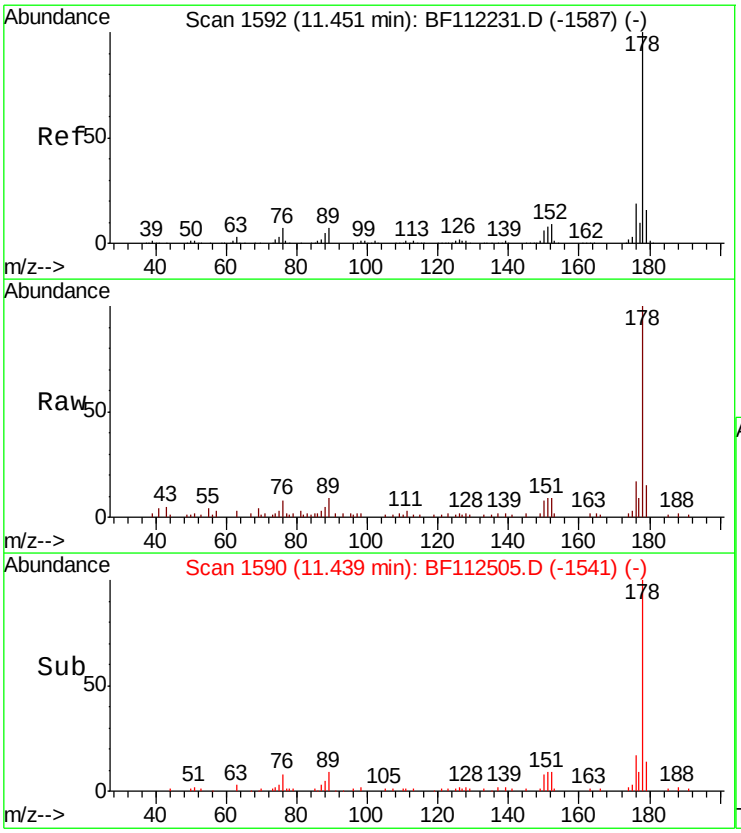
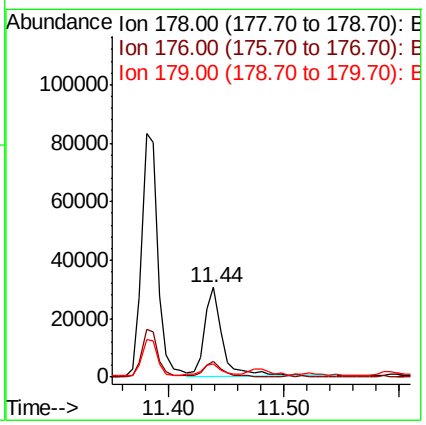
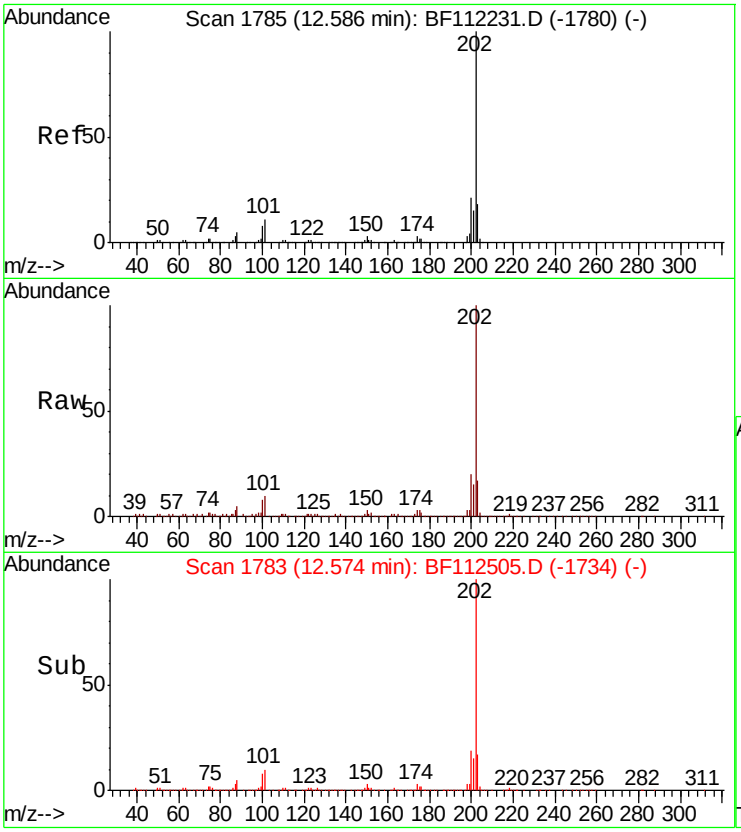


#72
Anthracene
Concen: 2.369 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF112505.D
Acq: 12 Feb 2019 11:54

Tgt Ion:178 Resp: 33889

Ion	Ratio	Lower	Upper
178	100		
176	17.3	15.5	23.3
179	14.9	12.8	19.2

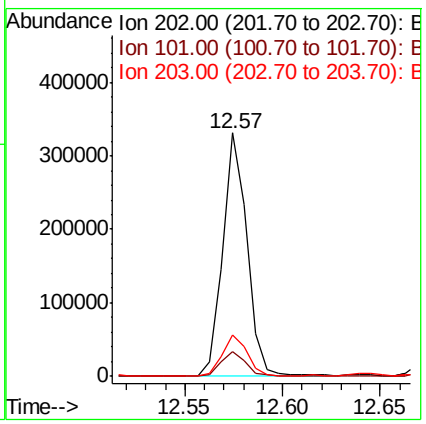




#75
Fluoranthene
Concen: 18.514 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF112505.D
Acq: 12 Feb 2019 11:54

Tgt Ion:202 Resp: 285214

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	31.8
203	17.1	0.0	38.4



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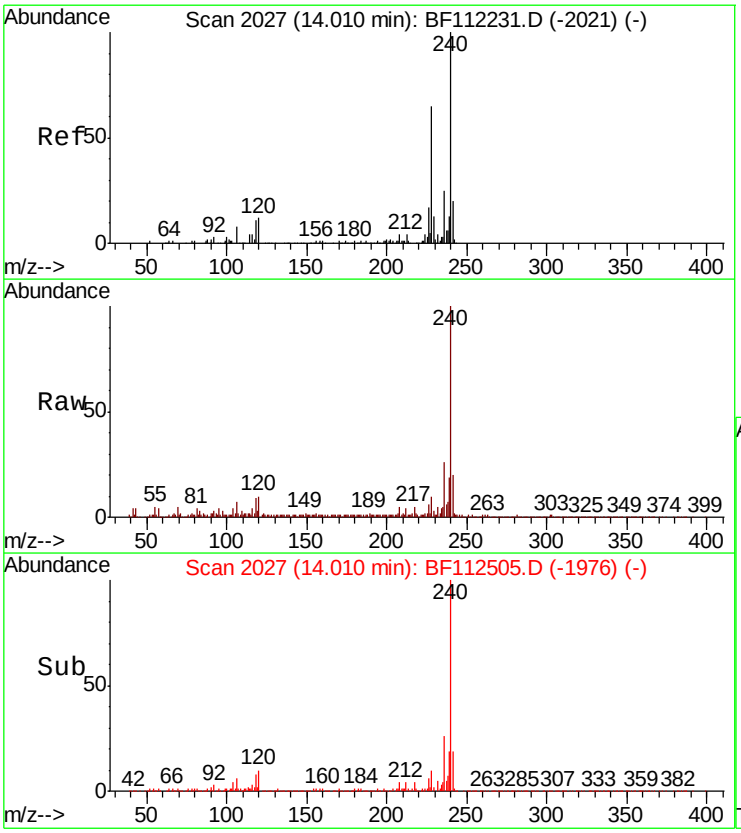
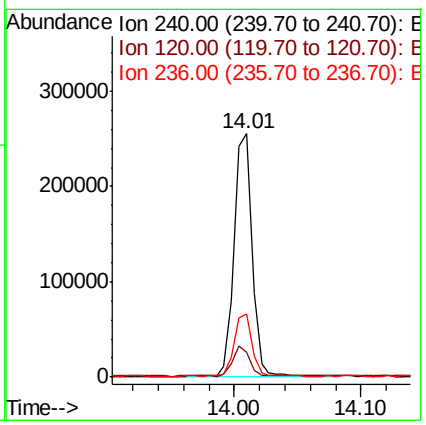
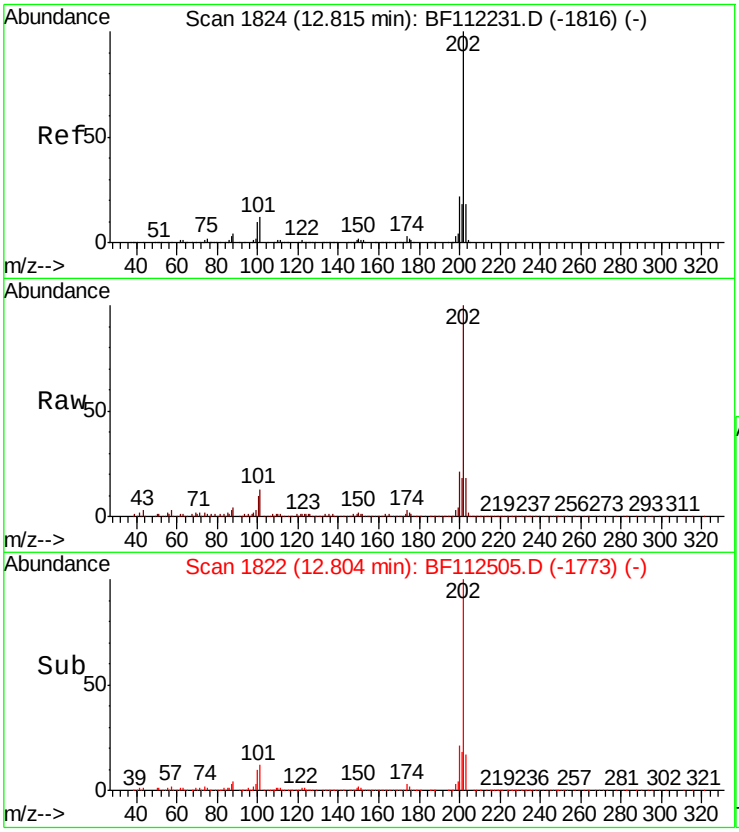


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF112505.D
Acq: 12 Feb 2019 11:54

Tgt Ion:240 Resp: 246817

Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.0	13.6
236	26.1	20.7	31.1

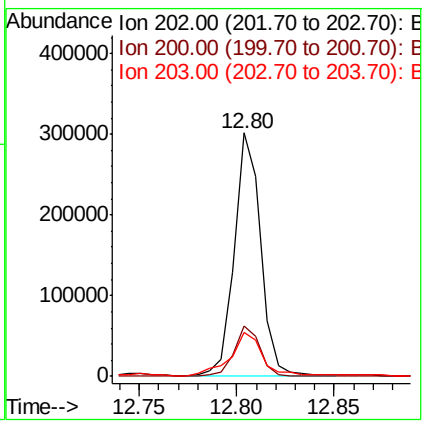




#78
Pyrene
Concen: 16.421 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF112505.D
Acq: 12 Feb 2019 11:54

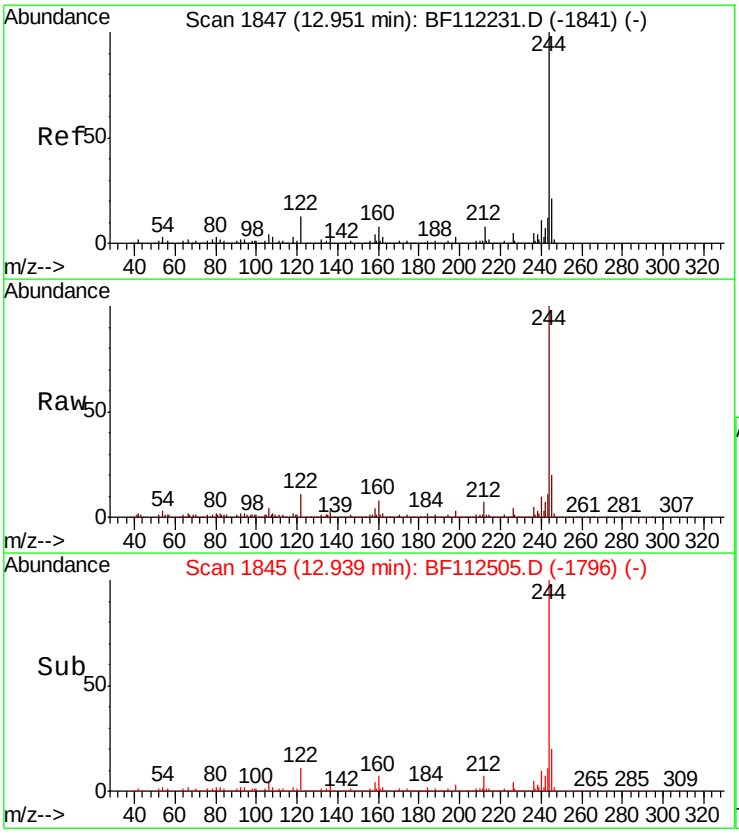
Tgt Ion:202 Resp: 280600

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.7	26.5
203	17.9	14.6	22.0



Instrument :
BNA_F
ClientSampleId :
COMP-12

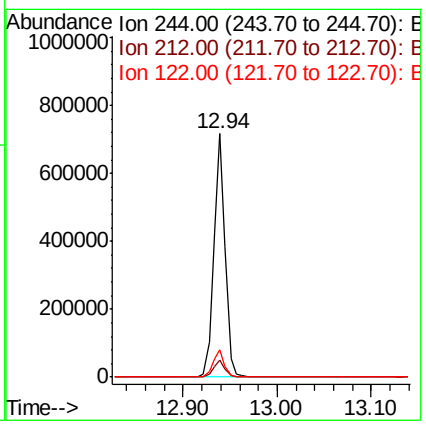
Manual Integrations APPROVED
Sohil
2/13/2019 11:12:05 AM

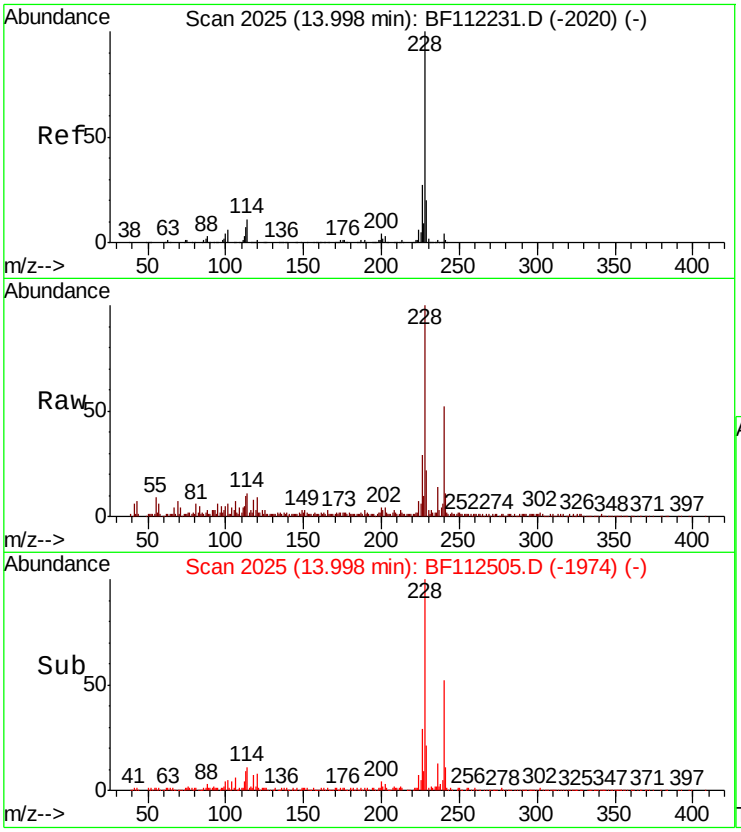


#79
Terphenyl-d14
Concen: 46.572 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF112505.D
Acq: 12 Feb 2019 11:54

Tgt Ion:244 Resp: 610306

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	11.0	9.8	14.6

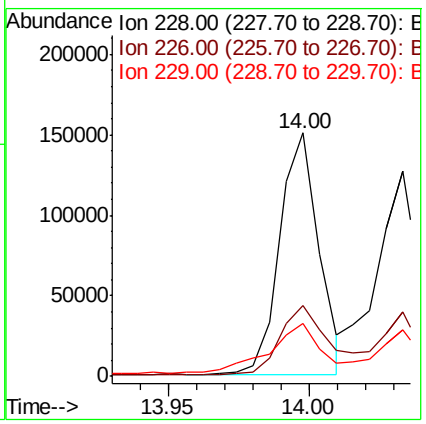




#81
Benzo(a)anthracene
Concen: 9.927 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF112505.D
Acq: 12 Feb 2019 11:54

Tgt Ion:228 Resp: 144029

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.6	34.0
229	21.6	16.5	24.7



Instrument :
BNA_F
ClientSampleId :
COMP-12

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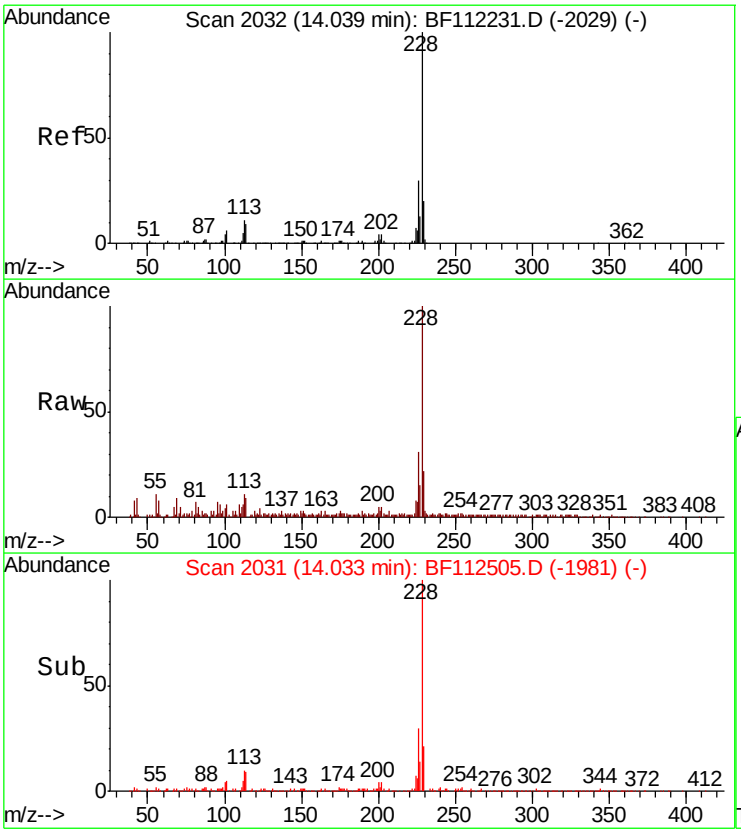
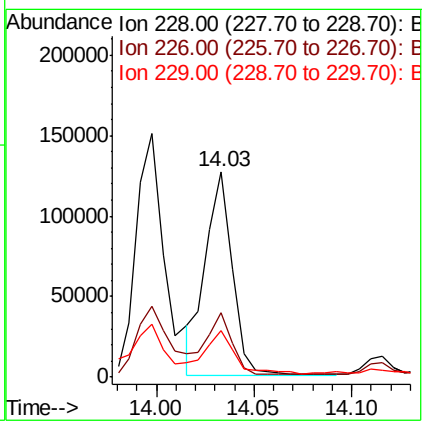
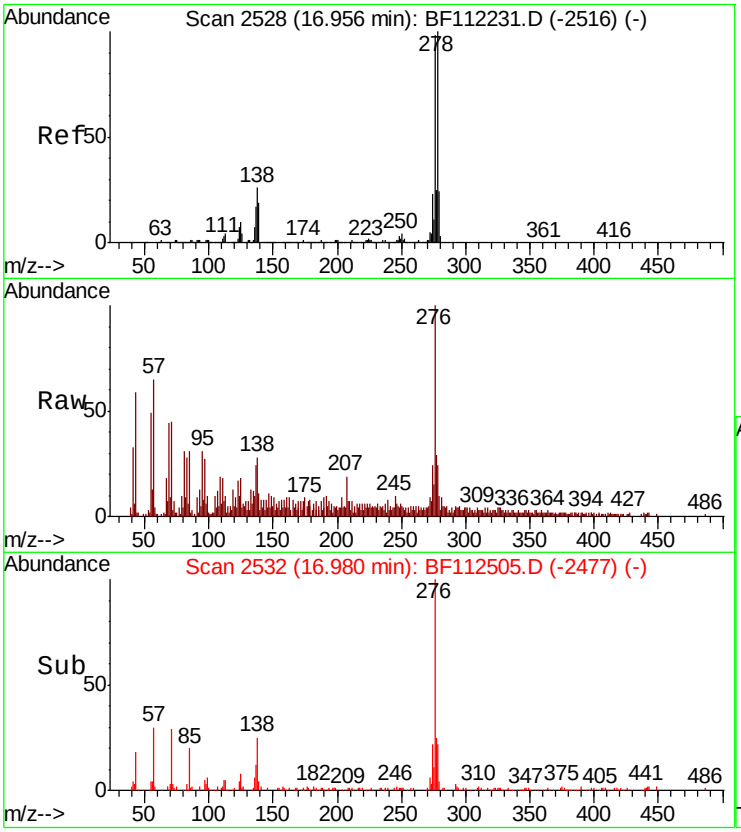


#83
Chrysene
Concen: 8.776 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF112505.D
Acq: 12 Feb 2019 11:54

Tgt Ion:228 Resp: 121545

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	22.3	16.6	24.8

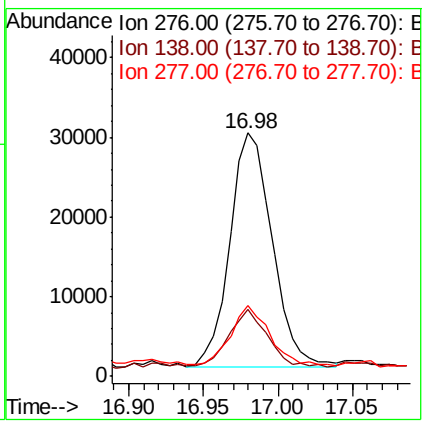




#86
Indeno(1,2,3-cd)pyrene
Concen: 5.267 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.02 min
Lab File: BF112505.D
Acq: 12 Feb 2019 11:54

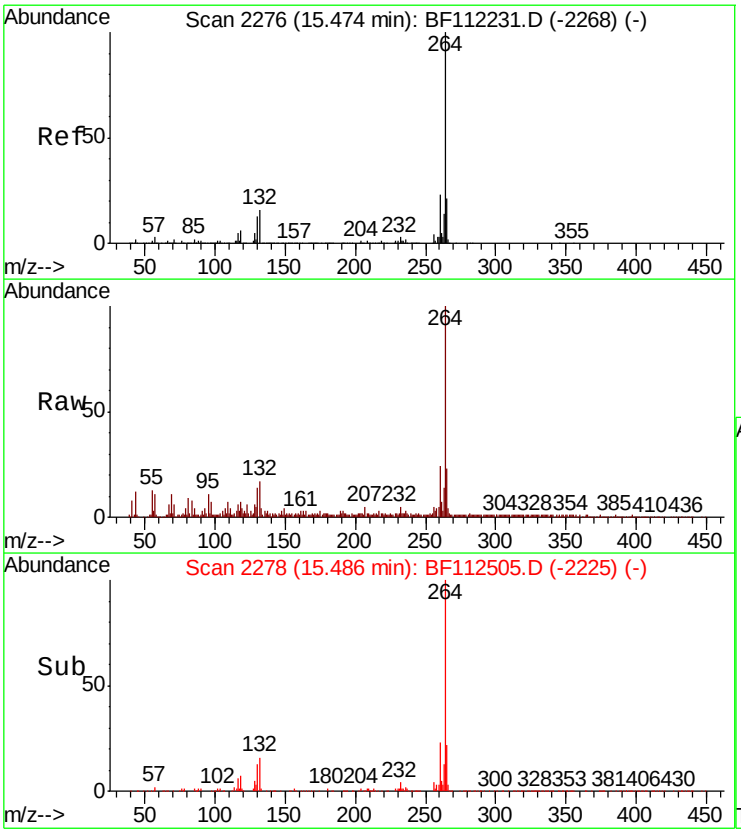
Tgt Ion:276 Resp: 57807

Ion	Ratio	Lower	Upper
276	100		
138	21.7	22.6	34.0#
277	23.7	20.3	30.5



Instrument :
BNA_F
ClientSampleId :
COMP-12

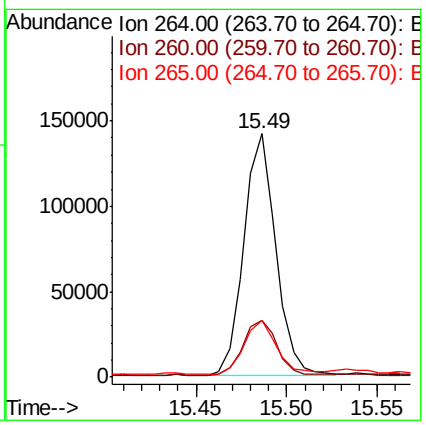
Manual Integrations APPROVED
Sohil
2/13/2019 11:12:05 AM

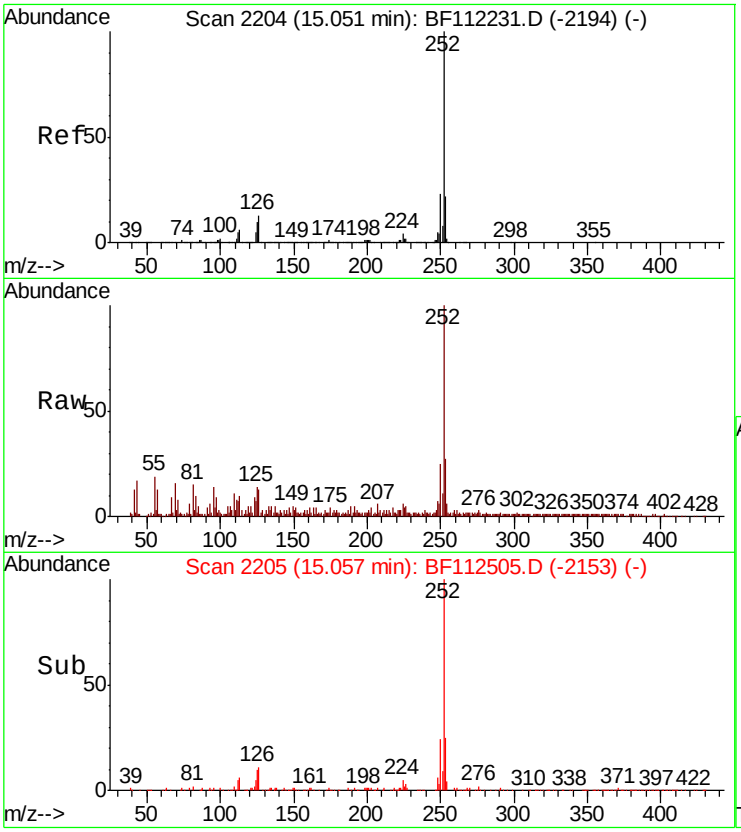


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BF112505.D
Acq: 12 Feb 2019 11:54

Tgt Ion:264 Resp: 172983

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.2
265	23.1	17.0	25.4

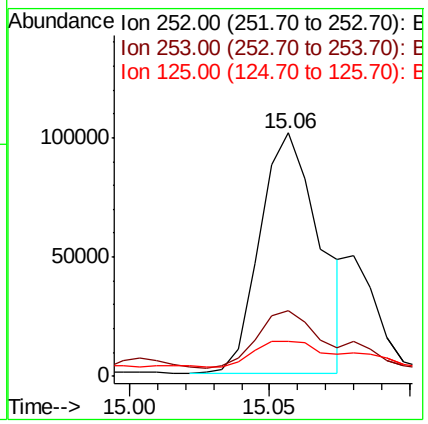




#88
Benzo(b)fluoranthene
Concen: 14.612 ng m
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF112505.D
Acq: 12 Feb 2019 11:54

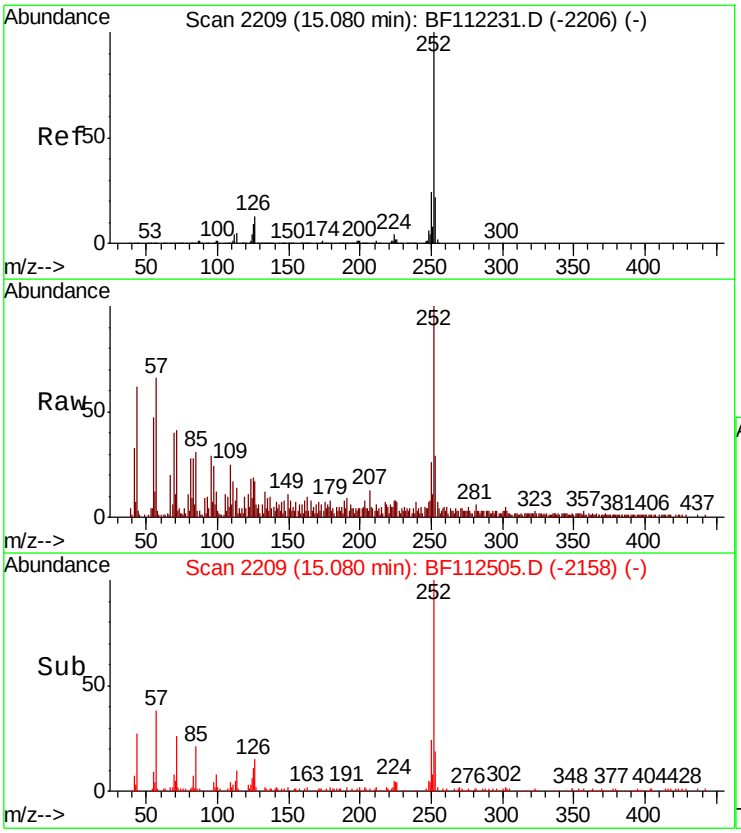
Tgt Ion:252 Resp: 151168

Ion	Ratio	Lower	Upper
252	100		
253	27.2	18.0	27.0#
125	14.2	8.7	13.1#



Instrument :
BNA_F
ClientSampleId :
COMP-12

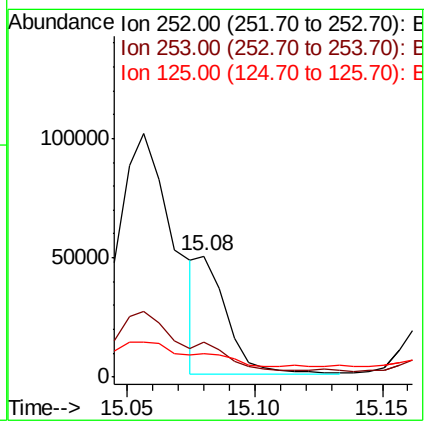
Manual Integrations APPROVED
Sohil
2/13/2019 11:12:05 AM

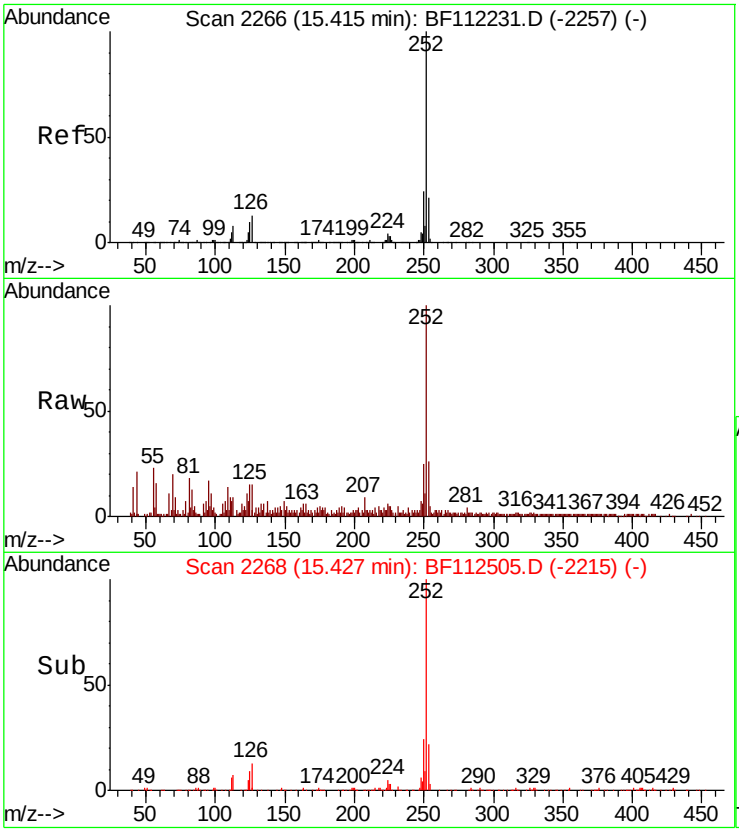


#89
Benzo(k)fluoranthene
Concen: 4.013 ng m
RT: 15.08 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BF112505.D
Acq: 12 Feb 2019 11:54

Tgt Ion:252 Resp: 39768

Ion	Ratio	Lower	Upper
252	100		
253	28.7	18.0	27.0#
125	19.2	9.1	13.7#

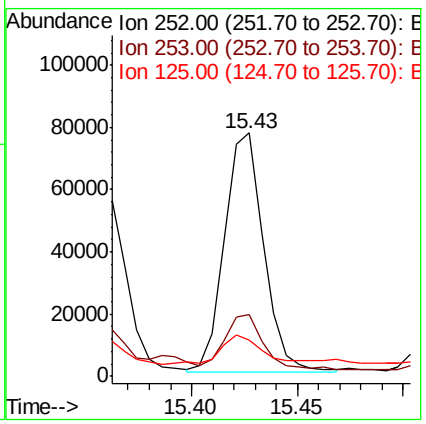




#90
Benzo(a)pyrene
Concen: 10.541 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF112505.D
Acq: 12 Feb 2019 11:54

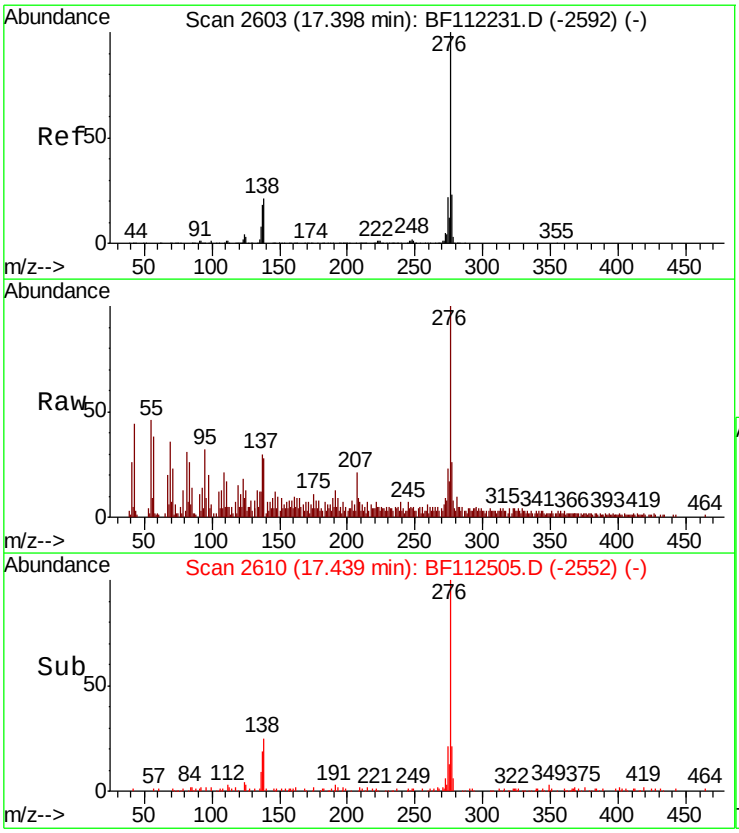
Tgt Ion:252 Resp: 98121

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.5	26.3
125	14.7	9.0	13.4#



Instrument :
BNA_F
ClientSampleId :
COMP-12

Manual Integrations APPROVED
Sohil
2/13/2019 11:12:05 AM



#92
Benzo(g,h,i)perylene
Concen: 7.858 ng
RT: 17.44 min Scan# 2610
Delta R.T. 0.04 min
Lab File: BF112505.D
Acq: 12 Feb 2019 11:54

Tgt Ion:276 Resp: 55615

Ion	Ratio	Lower	Upper
276	100		
277	26.0	19.4	29.0
138	28.2	19.1	28.7