Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021319\

Quantitation Report (QT/LSC Reviewed)

Data File : BF112535.D
Acq On : 13 Feb 2019 13:28
Operator : JU/SJ
Sample : K1442-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-12

Manual Integrations APPROVED
Sohil
2/14/2019 11:36:10 AM

Quant Time: Feb 14 06:20:21 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	97248	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	352056	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	153099	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	276675	20.00	ng		0.00
76) Chrysene-d12	14.02	240	238120	20.00	ng		0.00
87) Perylene-d12	15.50	264	190545	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	483737	105.66	ng		-0.01
7) Phenol-d6	6.49	99	583549	91.73	ng		0.00
23) Nitrobenzene-d5	7.40	82	373464	61.12	ng		-0.01
42) 2,4,6-Tribromophenol	10.67	330	152220	85.42	ng		-0.01
45) 2-Fluorobiphenyl	9.19	172	628326	58.05	ng		-0.01
79) Terphenyl-d14	12.94	244	549739	43.48	ng		0.00
Target Compounds							Qvalue
50) Dimethylphthalate	9.59	163	50464	4.242	ng		100
71) Phenanthrene	11.39	178	81306	5.653	ng		97
72) Anthracene	11.44	178	29430	2.054	ng		97
75) Fluoranthene	12.58	202	257015	16.659	ng		98
78) Pyrene	12.81	202	251523	15.257	ng		98
81) Benzo(a)anthracene	14.00	228	138769	9.914	ng		98
83) Chrysene	14.04	228	117514	8.795	ng		97
86) Indeno(1,2,3-cd)pyrene	17.00	276	53275	5.032	ng	#	92
88) Benzo(b)fluoranthene	15.06	252	155417m	13.638	ng		
89) Benzo(k)fluoranthene	15.09	252	52568m	4.816	ng		
90) Benzo(a)pyrene	15.43	252	104839	10.225	ng	#	94
92) Benzo(g,h,i)perylene	17.46	276	51281	6.577	ng		95

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021319\

Quantitation Report (QT/LSC Reviewed)

Data File : BF112535.D
Acq On : 13 Feb 2019 13:28
Operator : JU/SJ
Sample : K1442-06
Misc :
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ClientSampleId :
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Manual Integrations APPROVED
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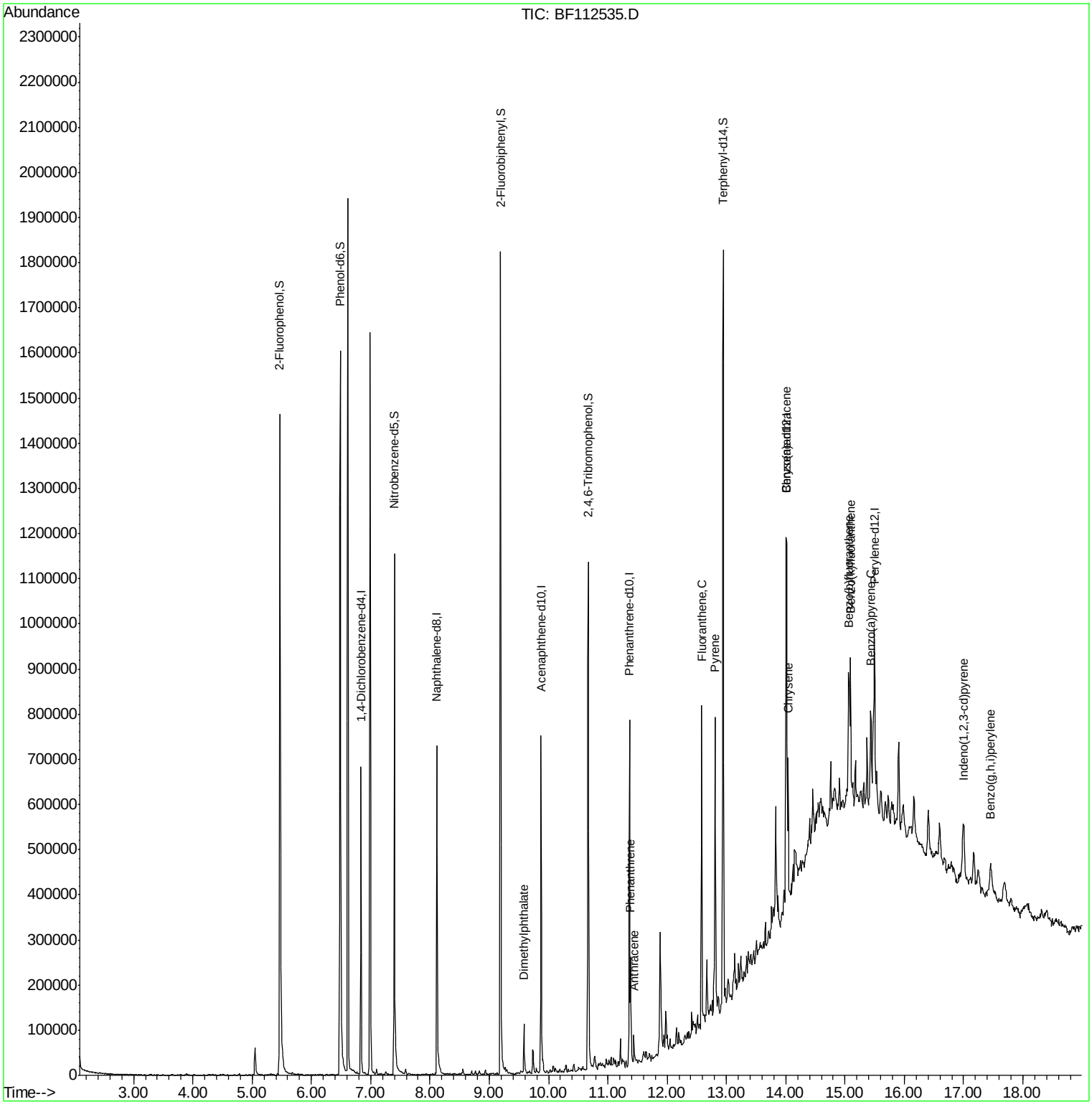
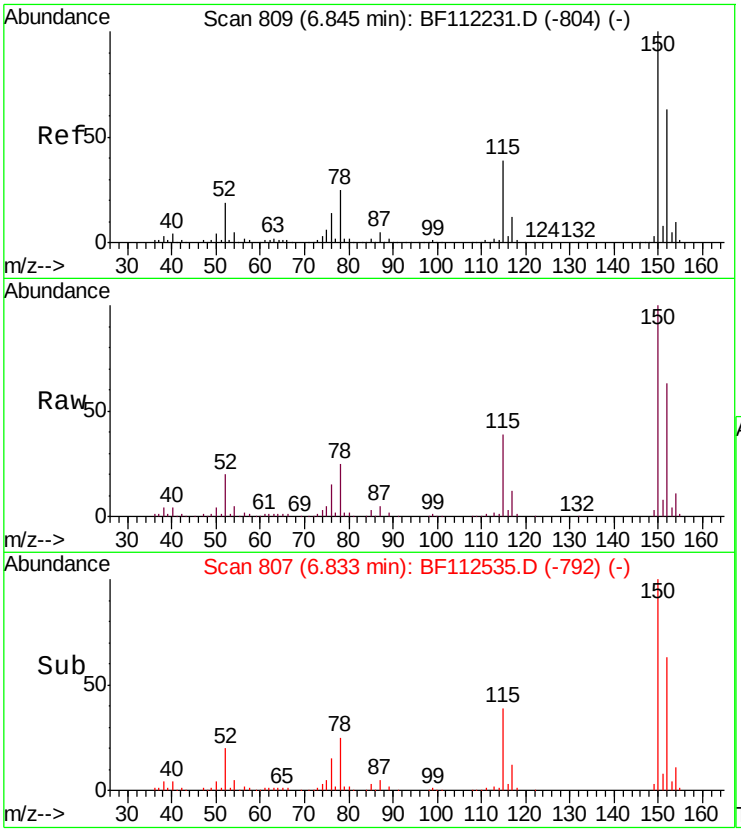
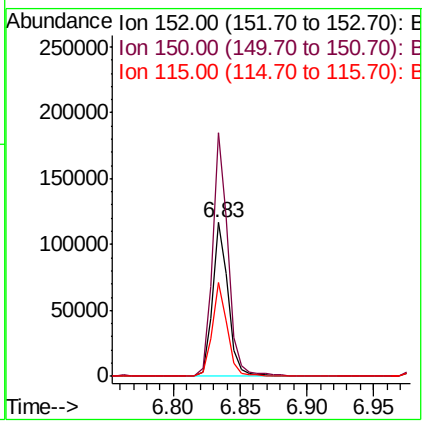




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112535.D
Acq: 13 Feb 2019 13:28

Tgt Ion:152 Resp: 97248

Ion	Ratio	Lower	Upper
152	100		
150	158.4	127.4	191.0
115	61.3	45.5	68.3



Instrument :
BNA_F
ClientSampleId :
COMP-12

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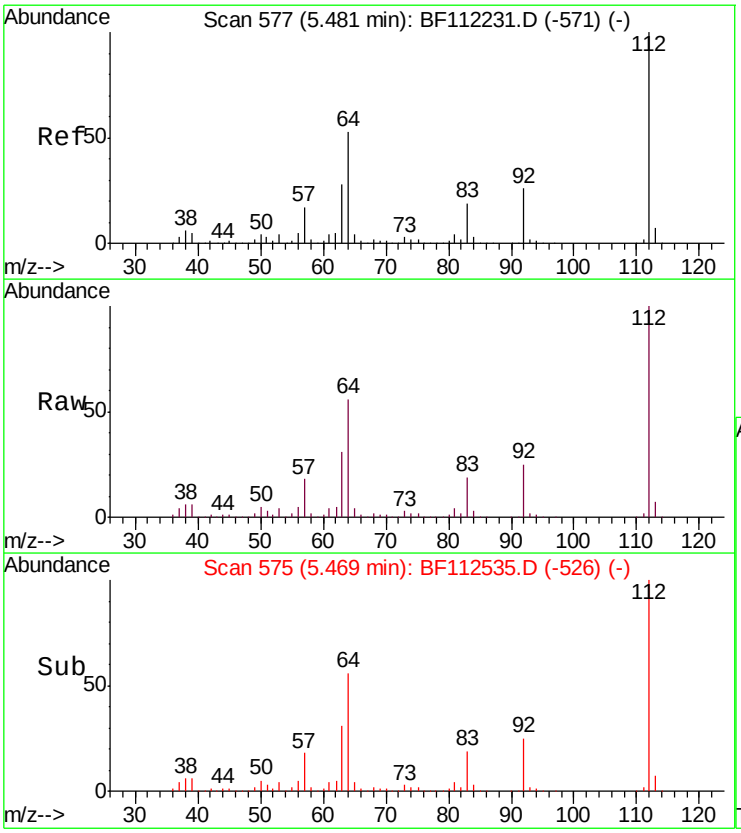
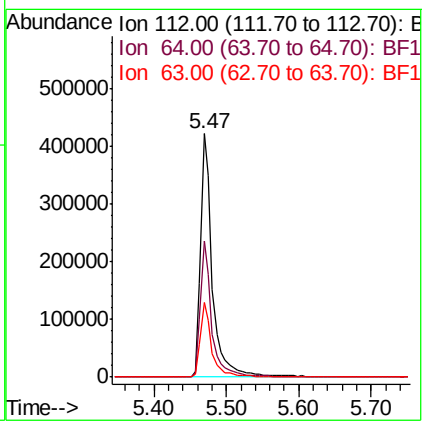
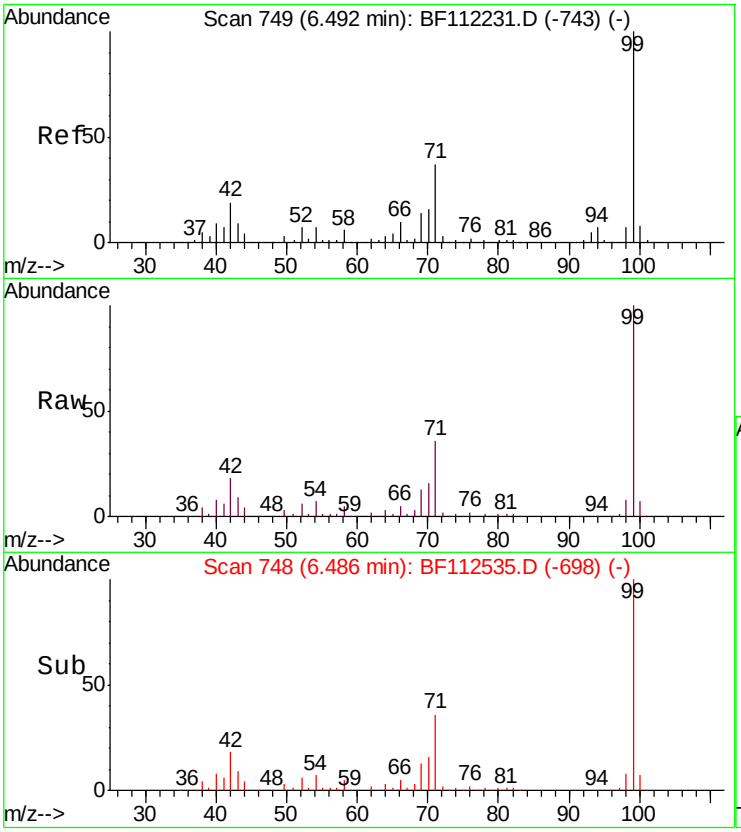


#5
2-Fluorophenol
Concen: 105.657 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112535.D
Acq: 13 Feb 2019 13:28

Tgt Ion:112 Resp: 483737

Ion	Ratio	Lower	Upper
112	100		
64	55.9	45.7	68.5
63	30.5	23.6	35.4

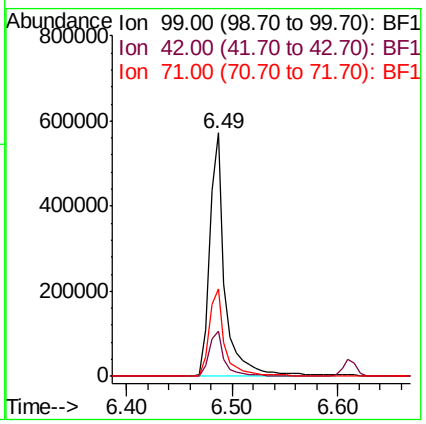




#7
Phenol-d6
Concen: 91.725 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF112535.D
Acq: 13 Feb 2019 13:28

Tgt Ion: 99 Resp: 583549

Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.1	22.7
71	36.2	26.9	40.3



Instrument :
BNA_F
ClientSampleId :
COMP-12

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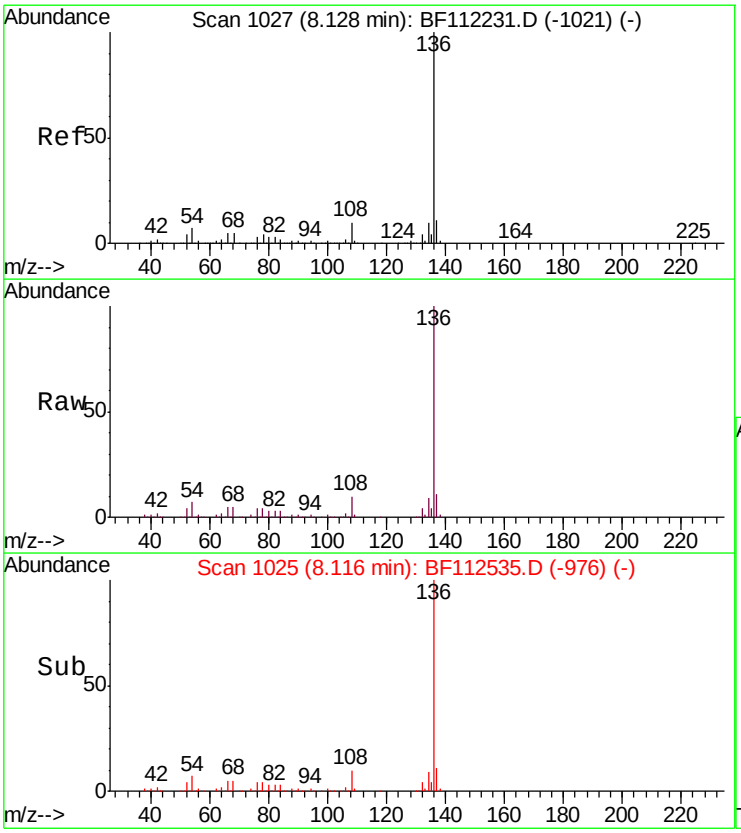
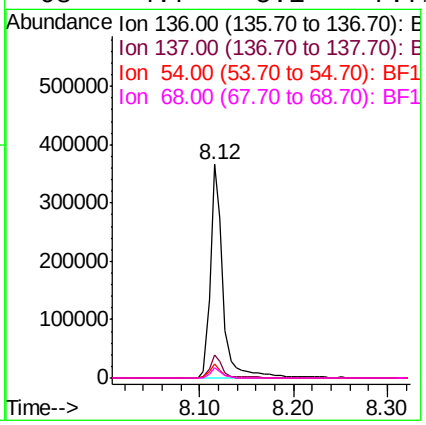
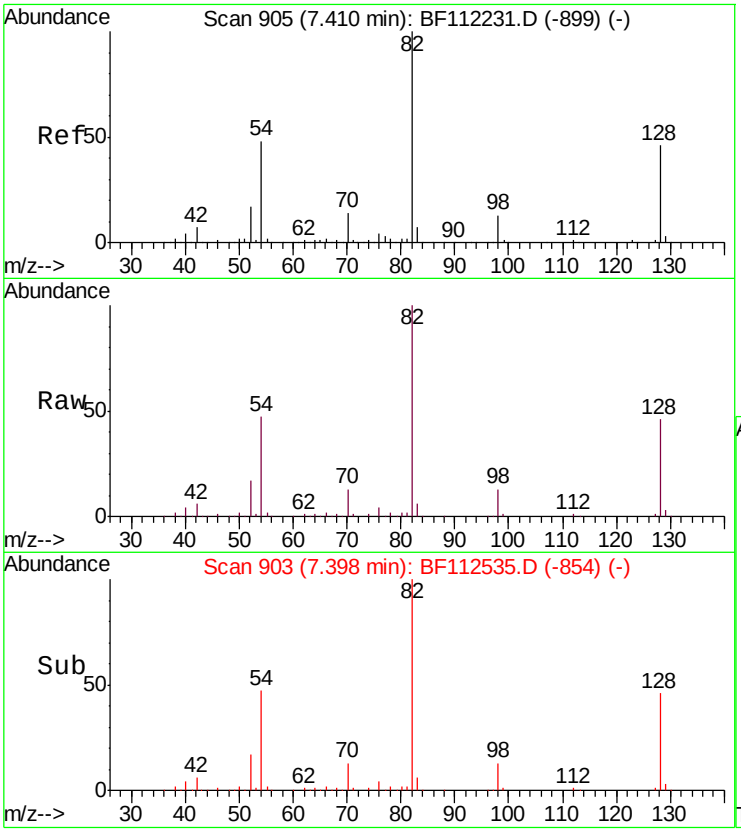


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112535.D
Acq: 13 Feb 2019 13:28

Tgt Ion:136 Resp: 352056

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	6.6	5.9	8.9
68	4.7	5.1	7.7#

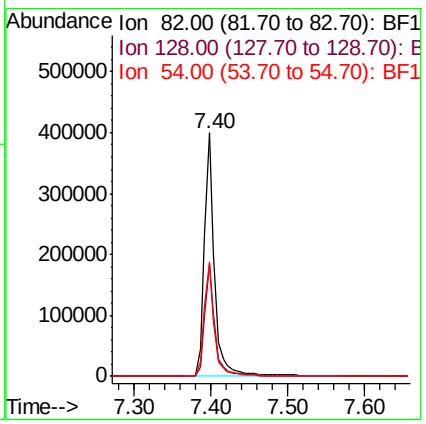




#23
Nitrobenzene-d5
Concen: 61.124 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112535.D
Acq: 13 Feb 2019 13:28

Tgt Ion: 82 Resp: 373464

Ion	Ratio	Lower	Upper
82	100		
128	46.1	37.8	56.8
54	46.9	39.7	59.5



Instrument :
BNA_F
ClientSampleId :
COMP-12

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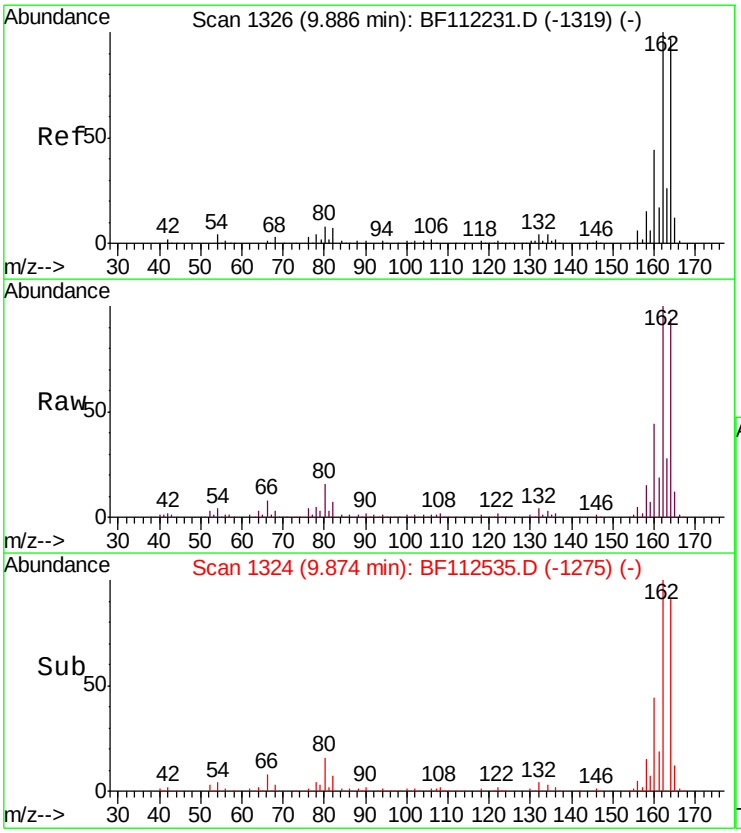
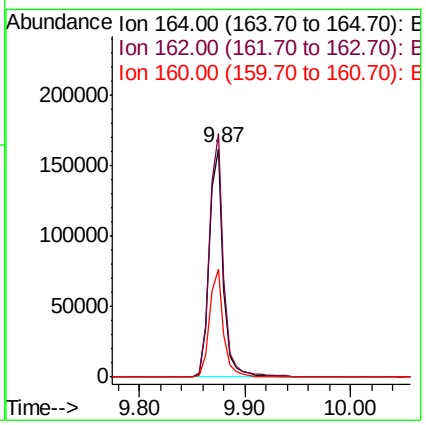
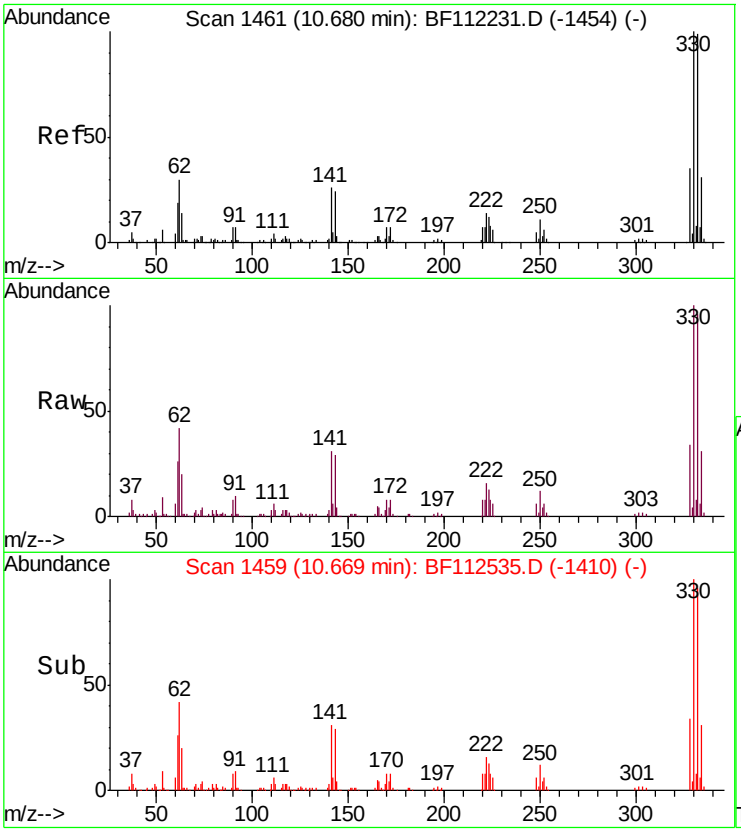


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF112535.D
Acq: 13 Feb 2019 13:28

Tgt Ion:164 Resp: 153099

Ion	Ratio	Lower	Upper
164	100		
162	106.5	82.2	123.4
160	47.4	36.2	54.4

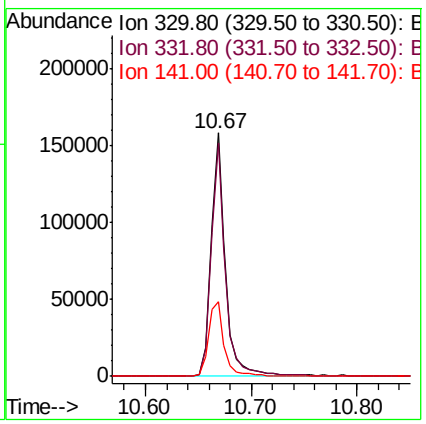




#42
2,4,6-Tribromophenol
Concen: 85.419 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF112535.D
Acq: 13 Feb 2019 13:28

Tgt Ion:330 Resp: 152220

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	114.8
141	34.2	24.3	36.5



Instrument :
BNA_F
ClientSampleId :
COMP-12

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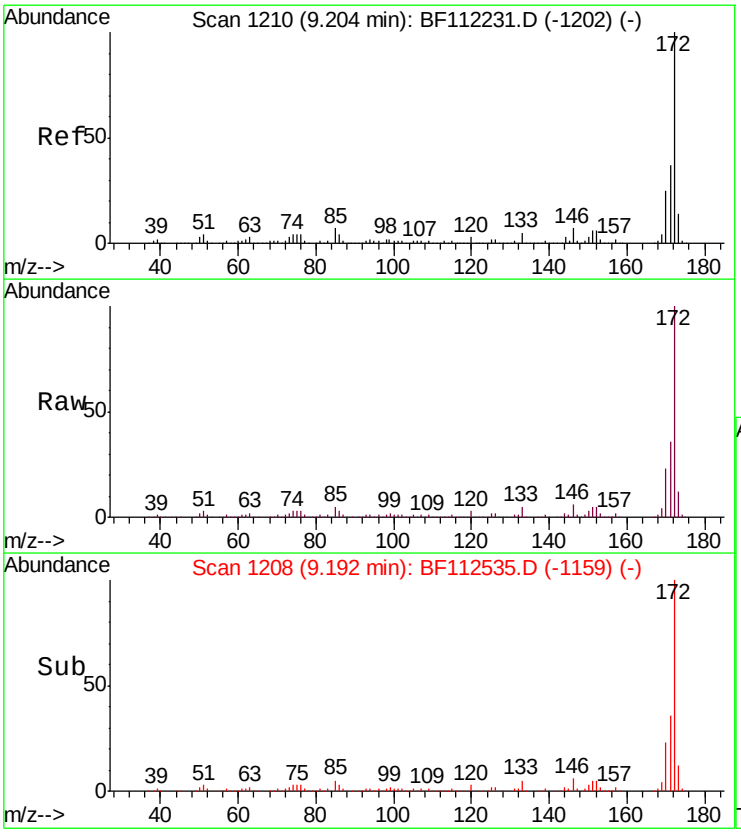
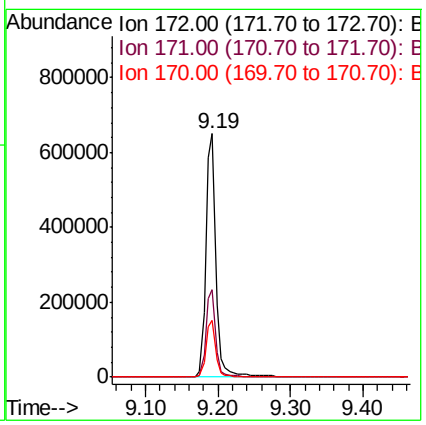
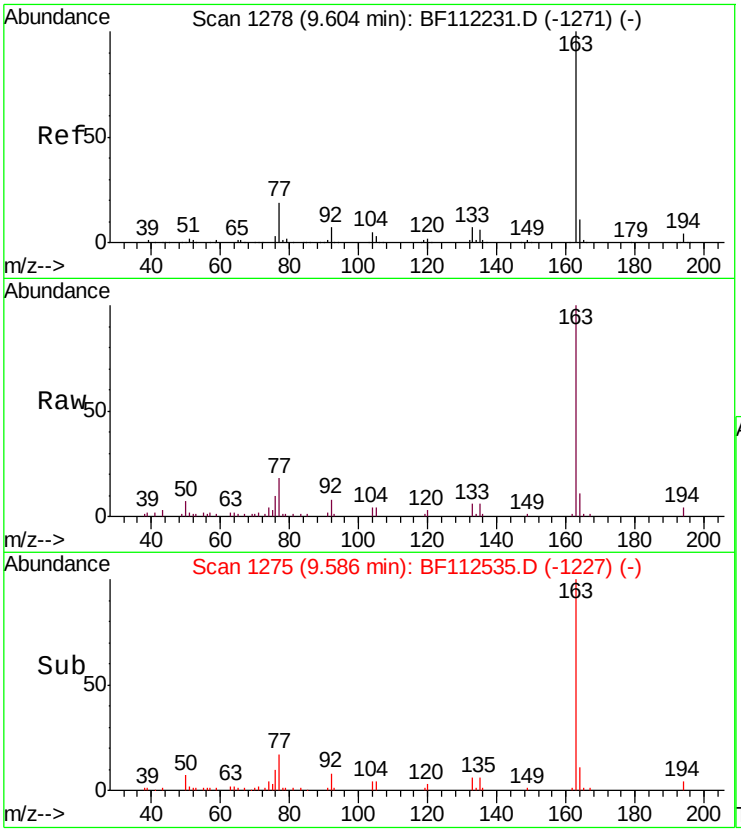


#45
2-Fluorobiphenyl
Concen: 58.045 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112535.D
Acq: 13 Feb 2019 13:28

Tgt Ion:172 Resp: 628326

Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.5	45.7
170	23.3	20.2	30.4

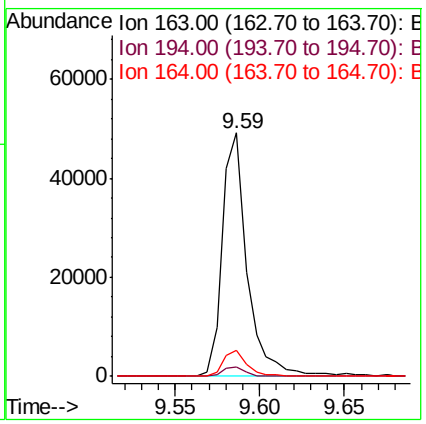




#50
Dimethylphthalate
Concen: 4.242 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF112535.D
Acq: 13 Feb 2019 13:28

Tgt Ion:163 Resp: 50464

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	10.7	8.5	12.7



Instrument :
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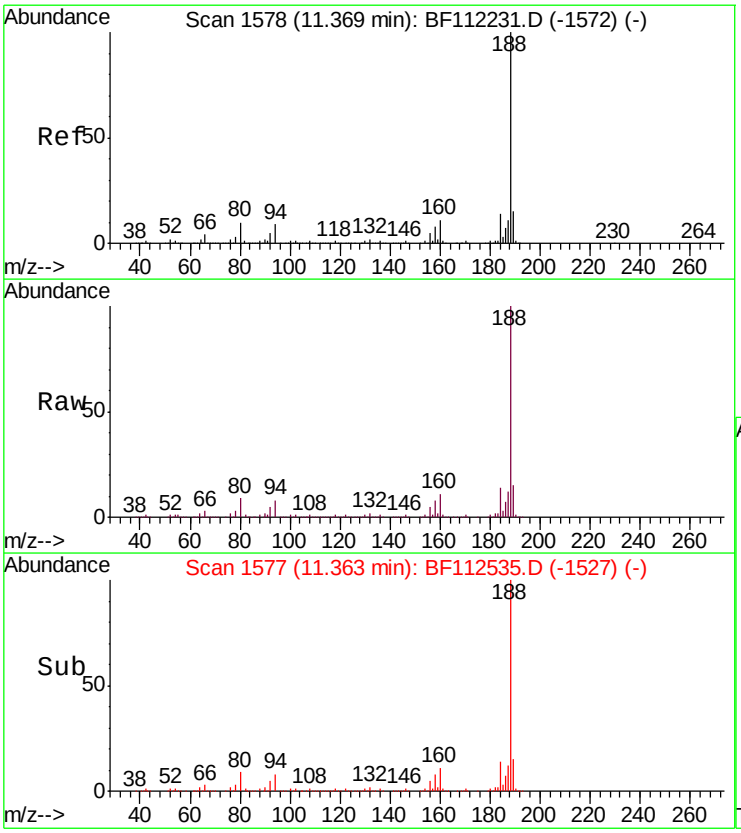
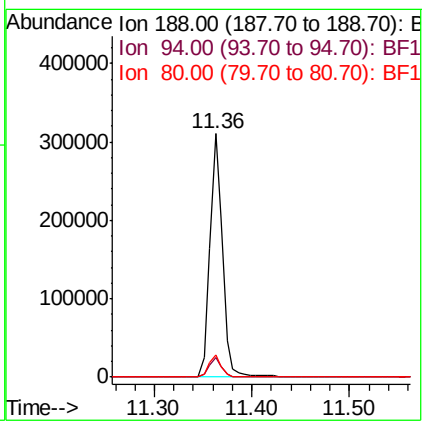
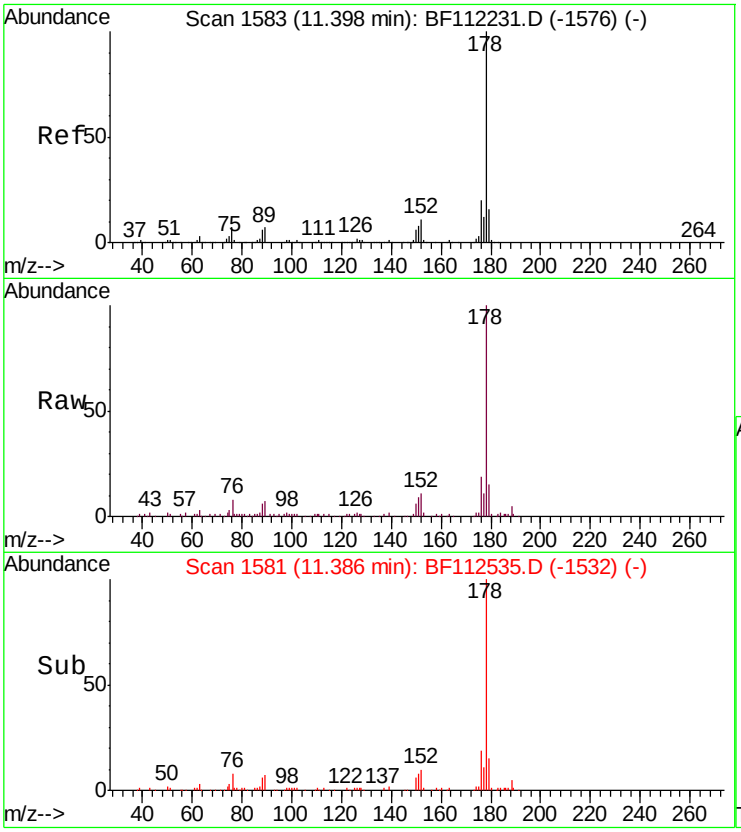


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112535.D
Acq: 13 Feb 2019 13:28

Tgt Ion:188 Resp: 276675

Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.2	12.2#
80	8.9	8.9	13.3#

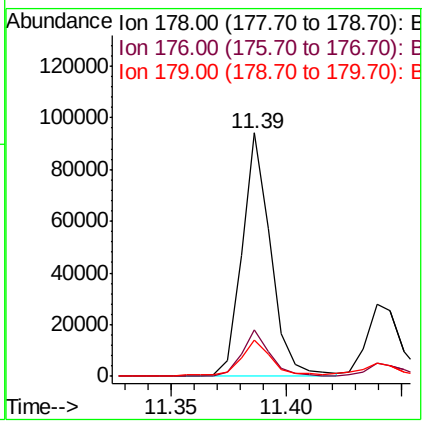




#71
Phenanthrene
Concen: 5.653 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF112535.D
Acq: 13 Feb 2019 13:28

Tgt Ion:178 Resp: 81306

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.3	24.5
179	14.9	13.0	19.4



Instrument :
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ClientSampleId :
COMP-12

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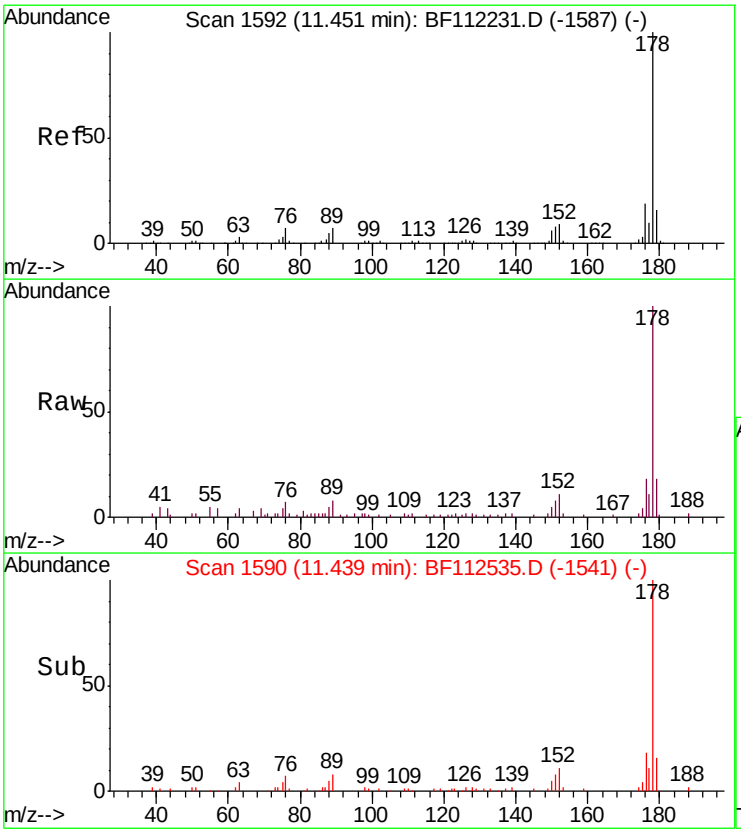
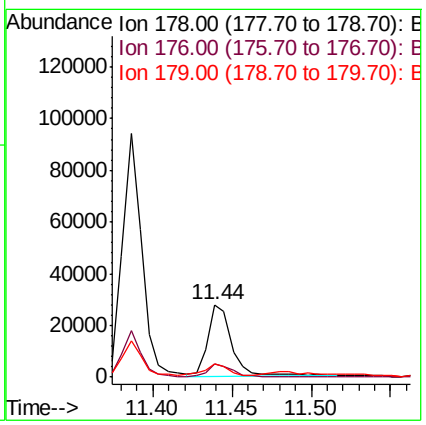
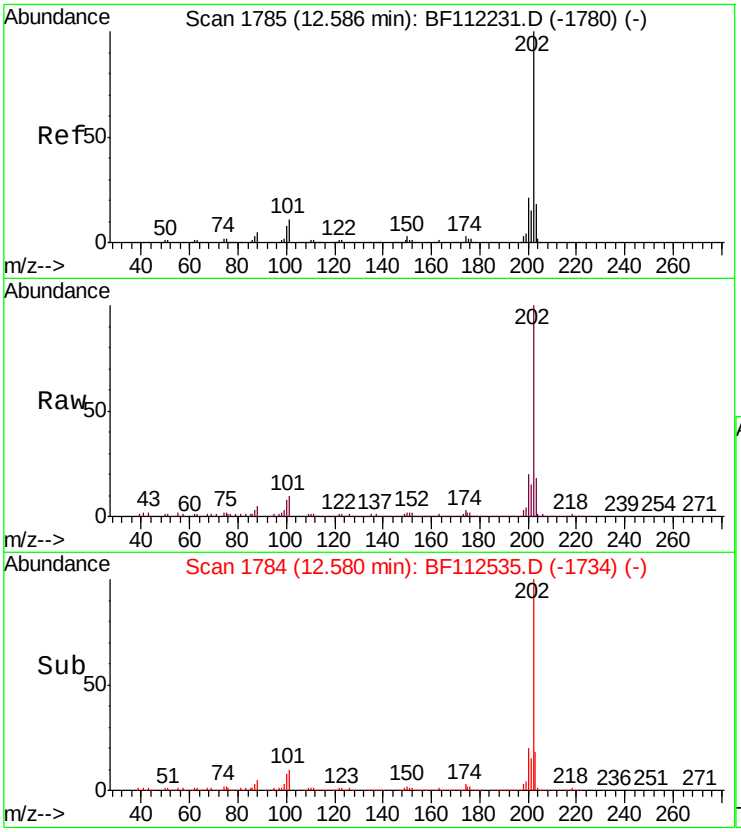


#72
Anthracene
Concen: 2.054 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF112535.D
Acq: 13 Feb 2019 13:28

Tgt Ion:178 Resp: 29430

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.5	23.3
179	17.6	12.8	19.2

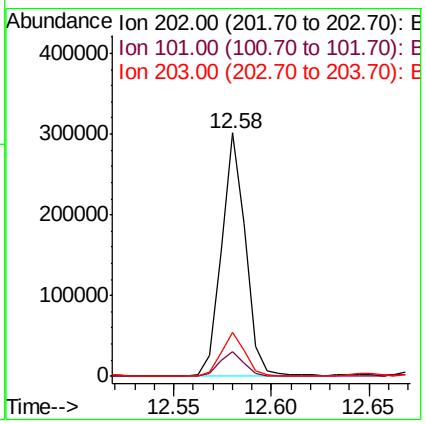




#75
Fluoranthene
Concen: 16.659 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BF112535.D
Acq: 13 Feb 2019 13:28

Tgt Ion:202 Resp: 257015

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	31.8
203	18.2	0.0	38.4



Instrument :
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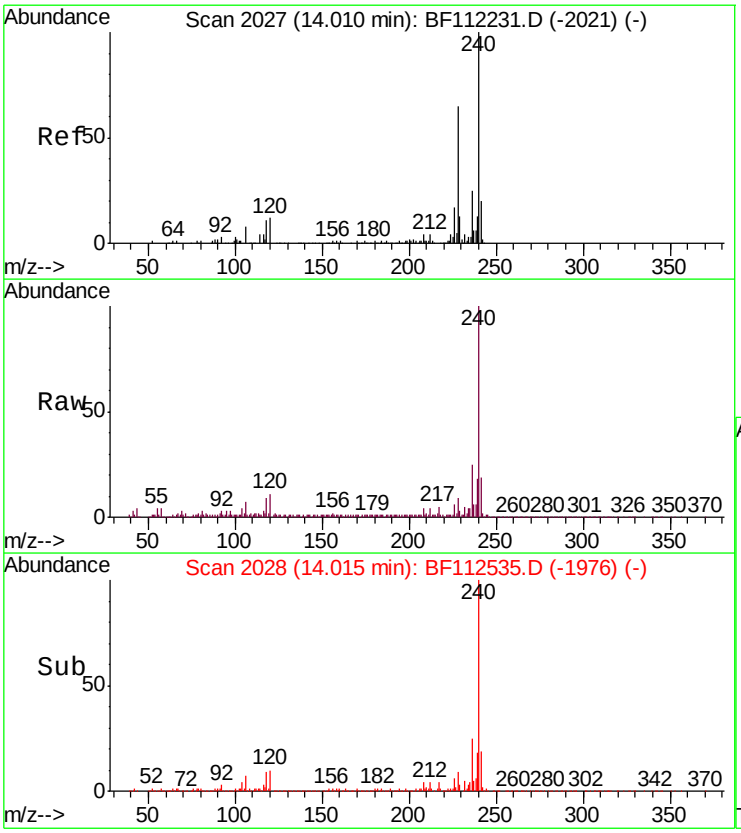
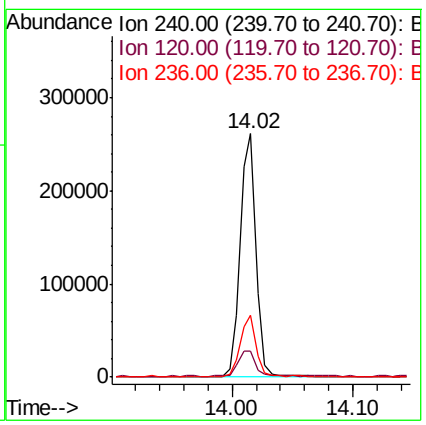
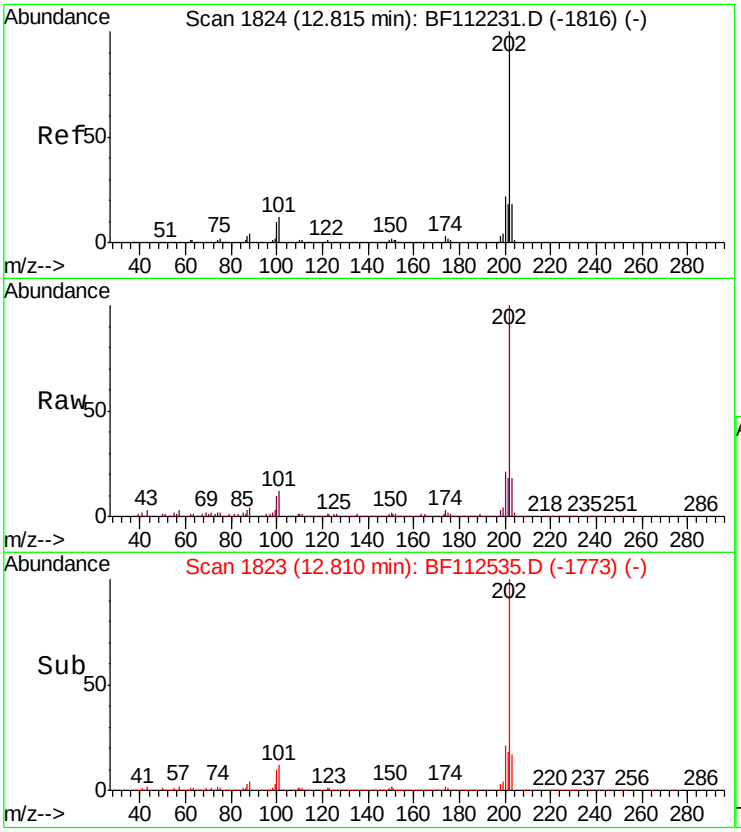


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF112535.D
Acq: 13 Feb 2019 13:28

Tgt Ion:240 Resp: 238120

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.0	13.6
236	25.3	20.7	31.1

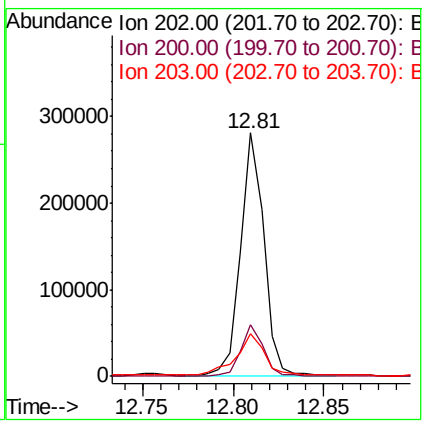




#78
Pyrene
Concen: 15.257 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF112535.D
Acq: 13 Feb 2019 13:28

Tgt Ion:202 Resp: 251523

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.7	26.5
203	17.5	14.6	22.0



Instrument :
BNA_F
ClientSampleId :
COMP-12

Manual Integrations APPROVED
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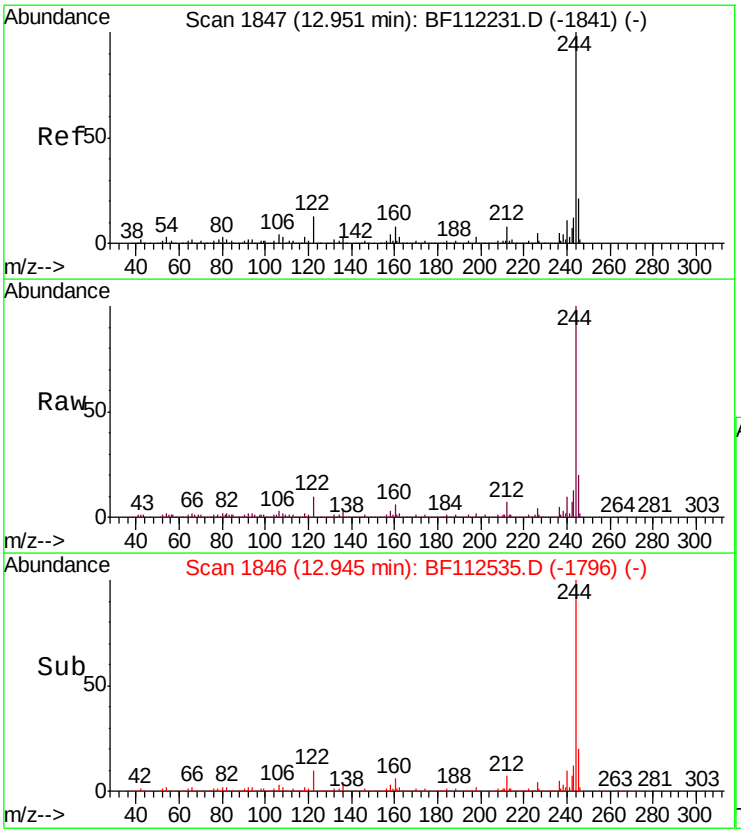
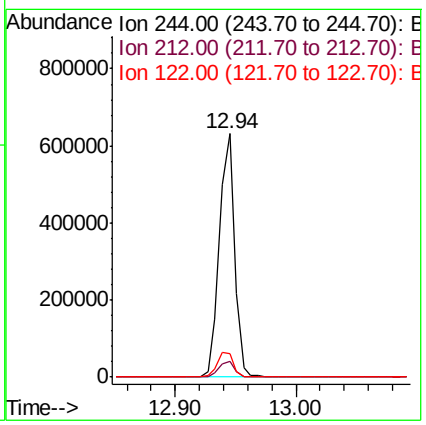
2/14/2019 11:36:10 AM

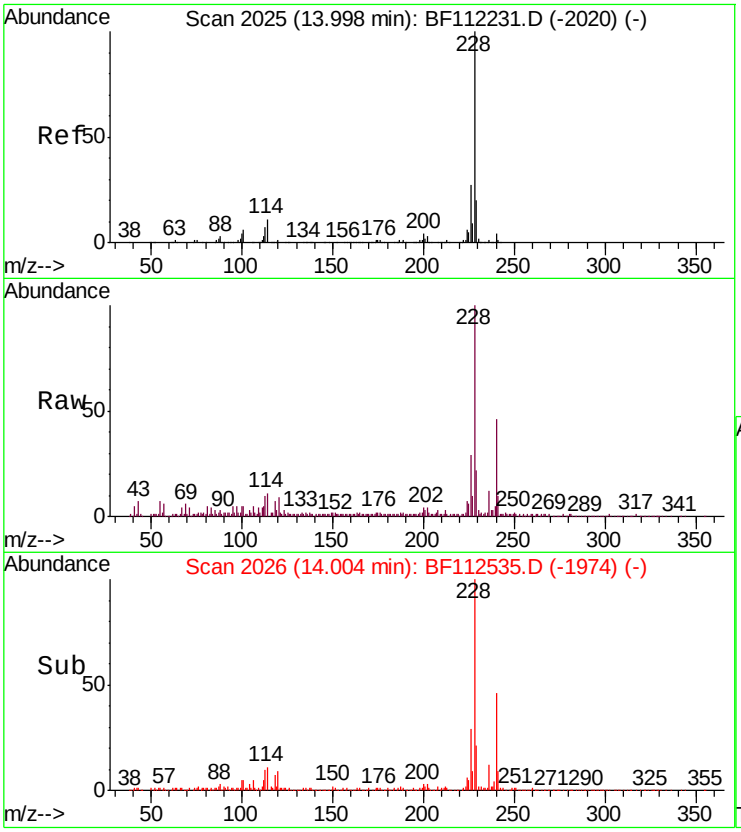


#79
Terphenyl-d14
Concen: 43.482 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF112535.D
Acq: 13 Feb 2019 13:28

Tgt Ion:244 Resp: 549739

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.9	8.9
122	9.7	9.8	14.6#

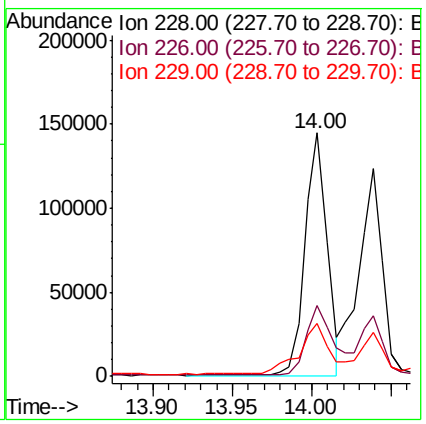




#81
Benzo(a)anthracene
Concen: 9.914 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF112535.D
Acq: 13 Feb 2019 13:28

Tgt Ion:228 Resp: 138769

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	34.0
229	21.9	16.5	24.7



Instrument :
BNA_F
ClientSampleId :
COMP-12

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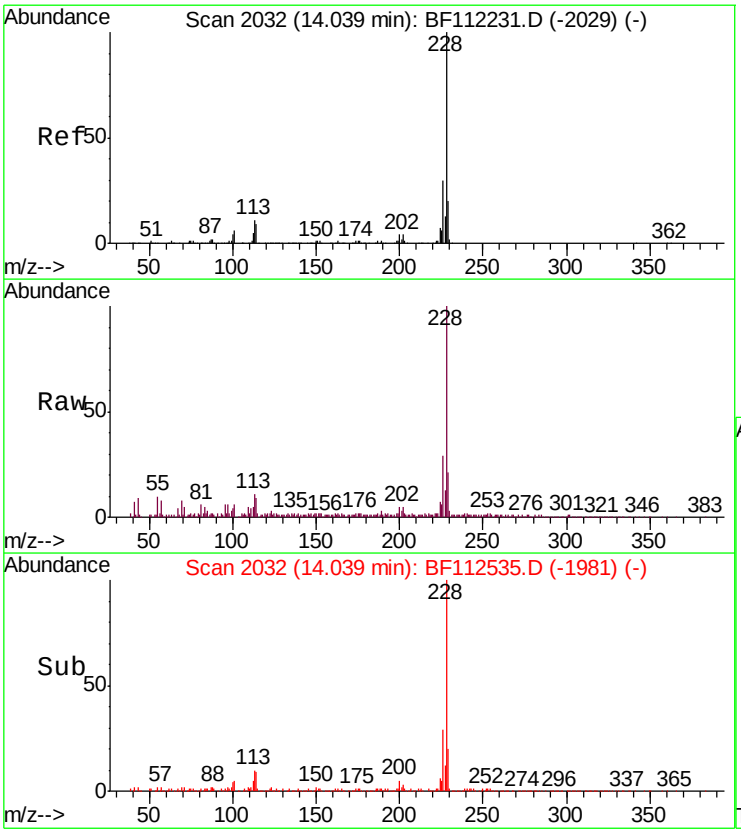
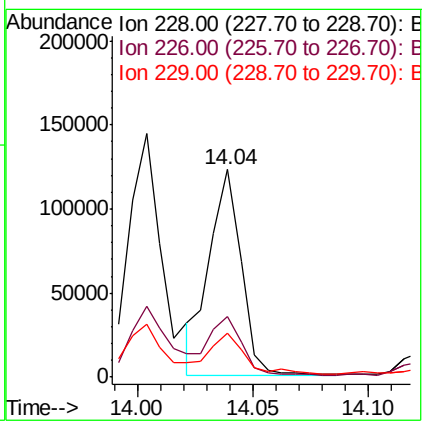
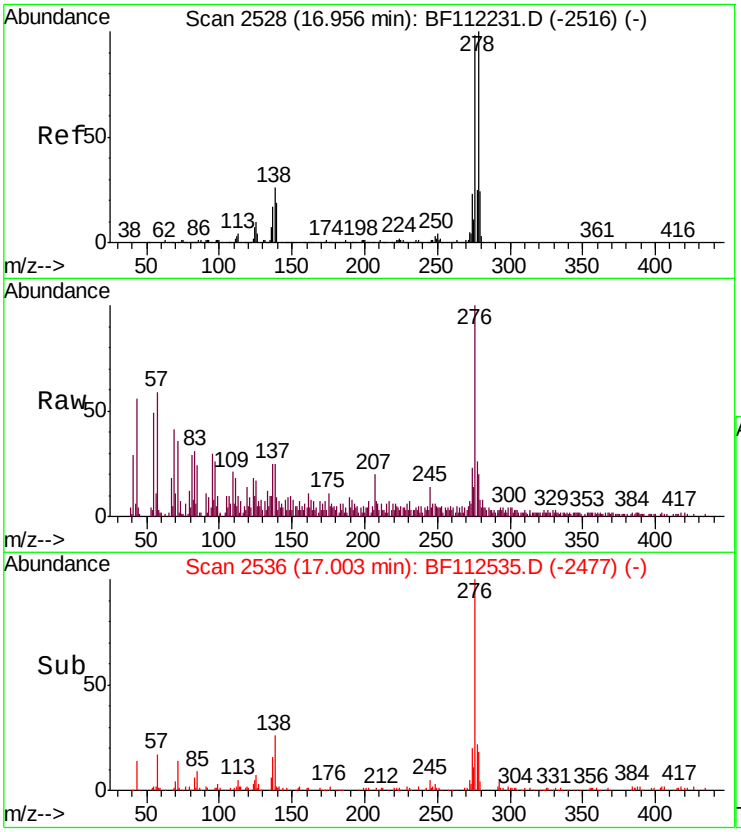


#83
Chrysene
Concen: 8.795 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF112535.D
Acq: 13 Feb 2019 13:28

Tgt Ion:228 Resp: 117514

Ion	Ratio	Lower	Upper
228	100		
226	29.1	25.0	37.6
229	21.2	16.6	24.8





#86
Indeno(1,2,3-cd)pyrene
Concen: 5.032 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.05 min
Lab File: BF112535.D
Acq: 13 Feb 2019 13:28

Tgt Ion:276 Resp: 53275

Ion	Ratio	Lower	Upper
276	100		
138	22.2	22.6	34.0#
277	23.6	20.3	30.5

Instrument :
BNA_F
ClientSampleId :
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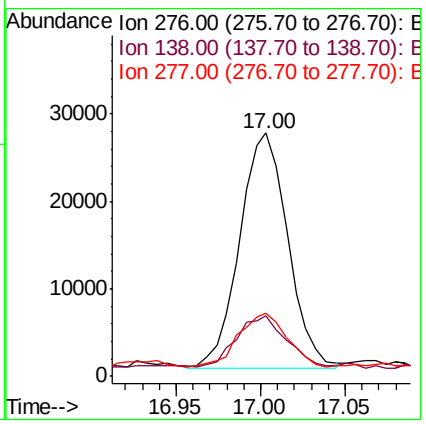
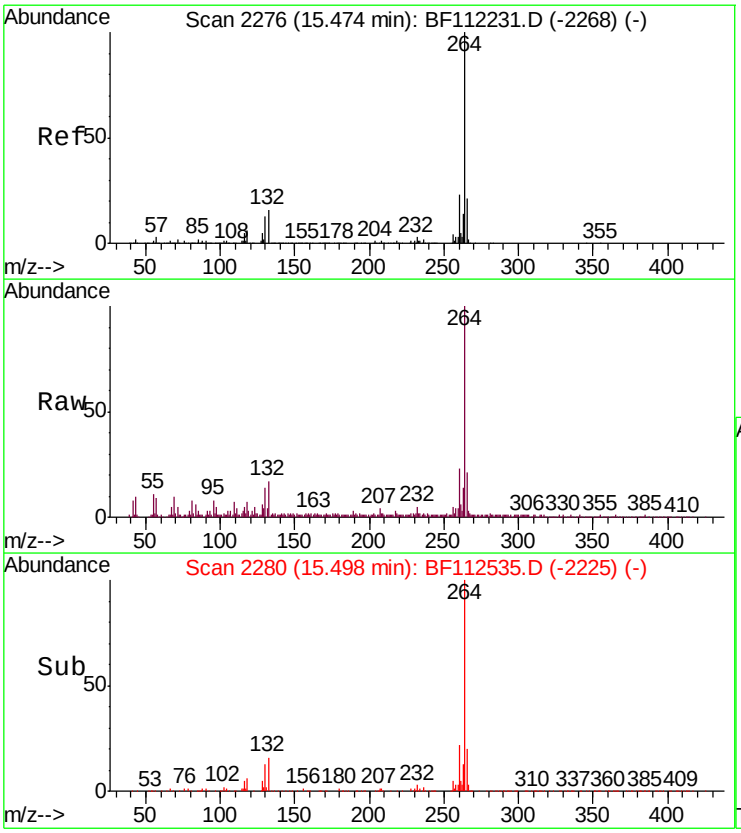
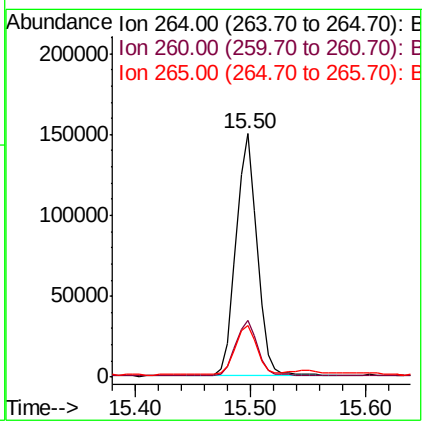


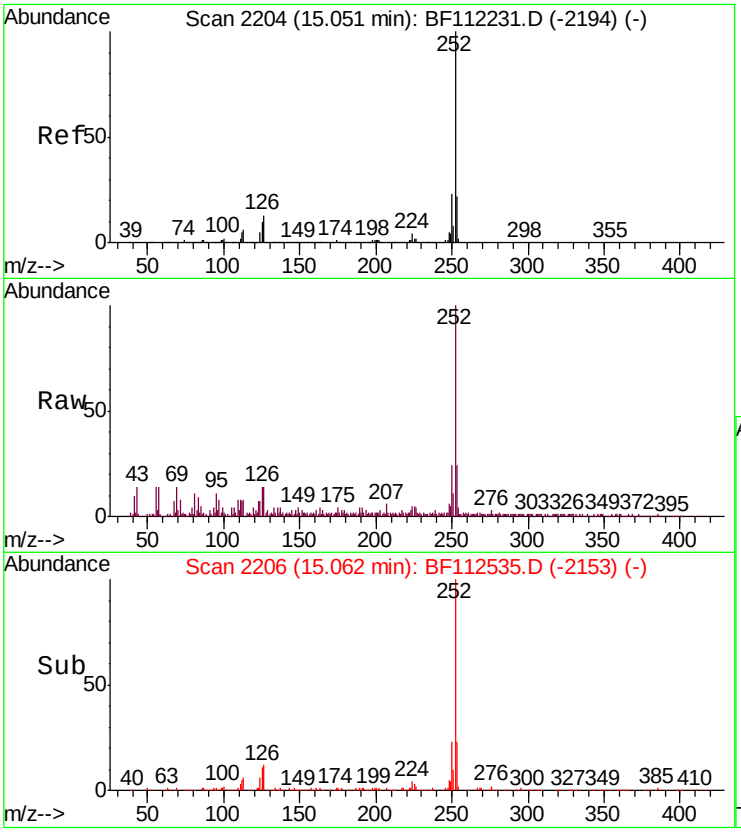


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.02 min
Lab File: BF112535.D
Acq: 13 Feb 2019 13:28

Tgt Ion:264 Resp: 190545

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.2
265	21.1	17.0	25.4

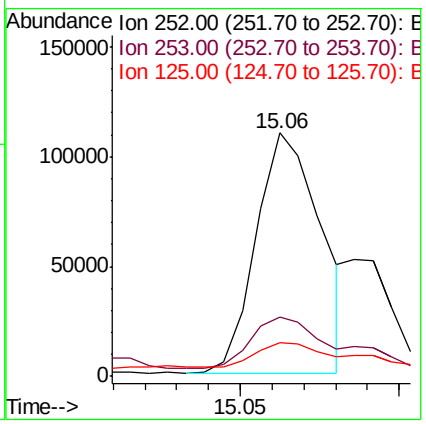




#88
Benzo(b)fluoranthene
Concen: 13.638 ng m
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF112535.D
Acq: 13 Feb 2019 13:28

Tgt Ion:252 Resp: 155417

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.0	27.0
125	13.7	8.7	13.1#



Instrument :
BNA_F
ClientSampleId :
COMP-12

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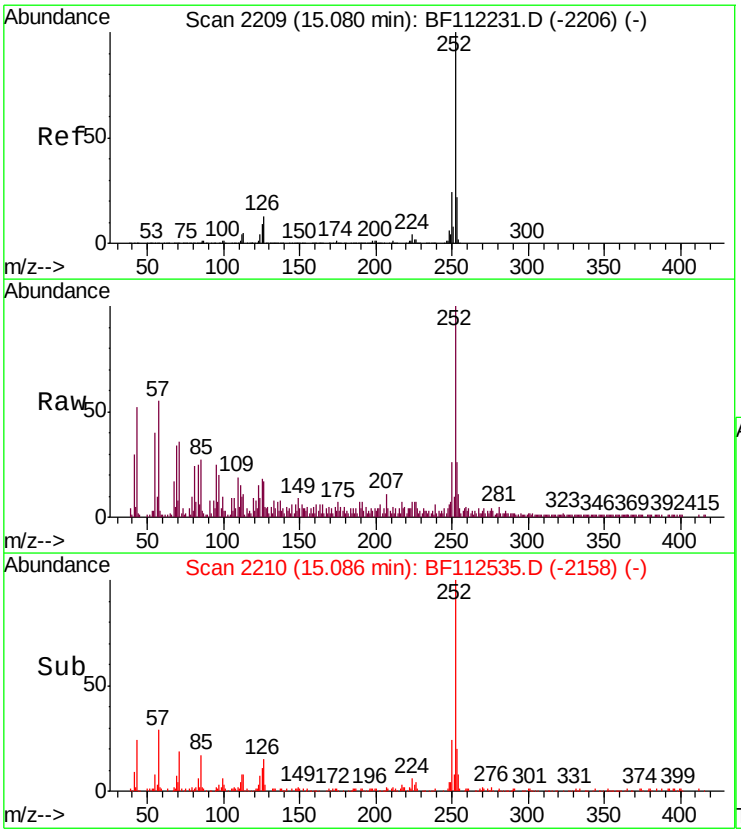
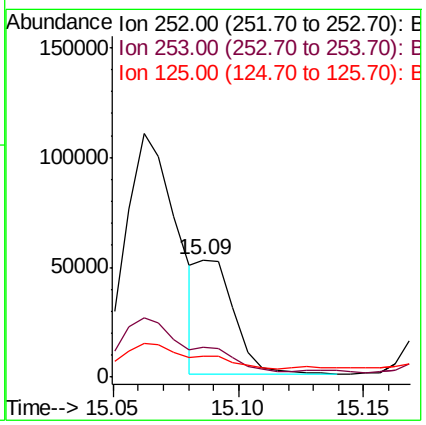
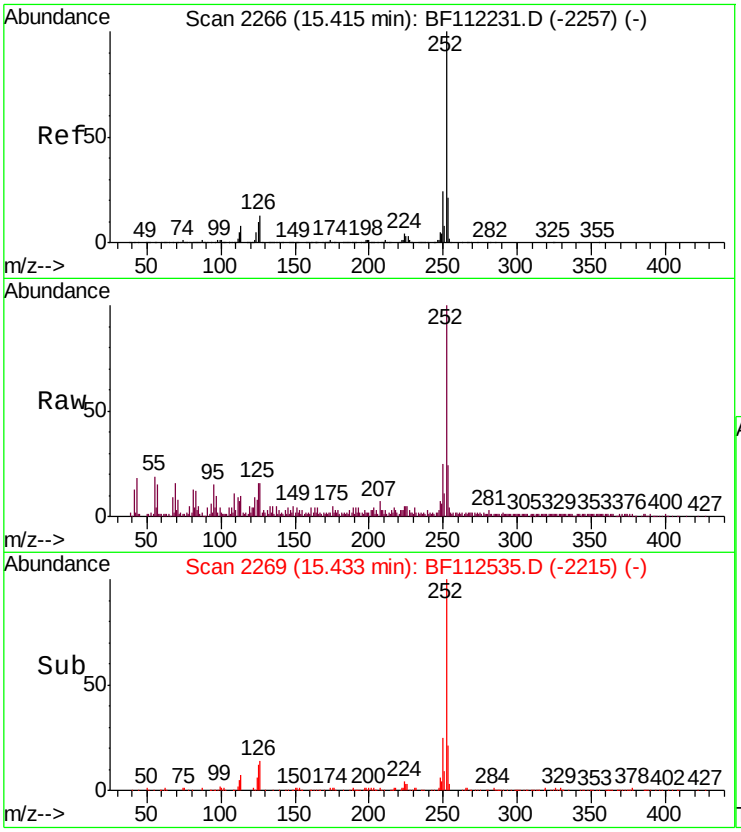


#89
Benzo(k)fluoranthene
Concen: 4.816 ng m
RT: 15.09 min Scan# 2210
Delta R.T. 0.01 min
Lab File: BF112535.D
Acq: 13 Feb 2019 13:28

Tgt Ion:252 Resp: 52568

Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.0	27.0
125	17.7	9.1	13.7#

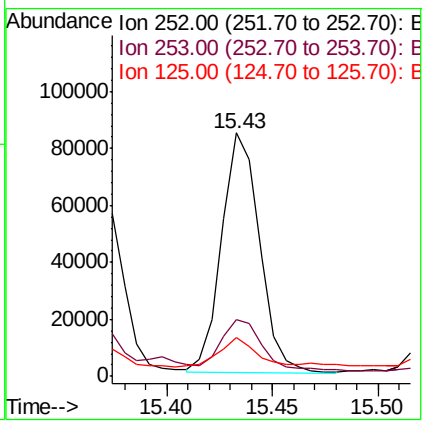




#90
Benzo(a)pyrene
Concen: 10.225 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.02 min
Lab File: BF112535.D
Acq: 13 Feb 2019 13:28

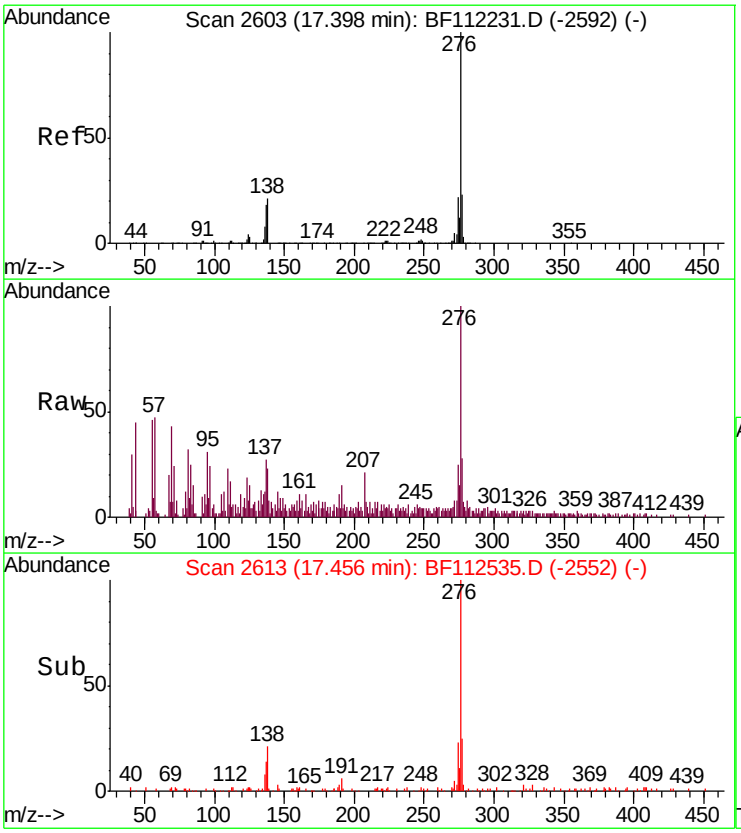
Tgt Ion:252 Resp: 104839

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.5	26.3
125	15.9	9.0	13.4#



Instrument :
BNA_F
ClientSampleId :
COMP-12

Manual Integrations APPROVED
Sohil
2/14/2019 11:36:10 AM



#92
Benzo(g,h,i)perylene
Concen: 6.577 ng
RT: 17.46 min Scan# 2613
Delta R.T. 0.06 min
Lab File: BF112535.D
Acq: 13 Feb 2019 13:28

Tgt Ion:276 Resp: 51281

Ion	Ratio	Lower	Upper
276	100		
277	28.0	19.4	29.0
138	23.2	19.1	28.7