Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116478.D
Acq On : 23 Aug 2019 15:12
Operator : HP/JU
Sample : K4418-01RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CFVP-228LRE

Manual Integrations APPROVED
Jagrut
8/28/2019 8:09:33 AM

Quant Time: Aug 23 17:04:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 13:38:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	111946	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	445596	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	214063	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	268950	20.00	ng		0.00
76) Chrysene-d12	14.03	240	192136	20.00	ng		0.00
87) Perylene-d12	15.50	264	190006	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	93645	12.22	ng		0.00
7) Phenol-d6	6.49	99	81452	8.67	ng		-0.01
23) Nitrobenzene-d5	7.43	82	314234	38.58	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	58395	31.77	ng		0.00
45) 2-Fluorobiphenyl	9.23	172	584192	43.95	ng		0.00
79) Terphenyl-d14	12.98	244	401906	39.07	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.51	94	37999	3.725	ng		96
20) 3+4-Methylphenols	7.27	107	84552	10.361	ng	#	69
32) Benzoic acid	7.87	122	16124m	3.923	ng		
50) Dimethylphthalate	9.63	163	232165	15.545	ng		99
71) Phenanthrene	11.42	178	64686	4.415	ng		99
75) Fluoranthene	12.60	202	55598	3.670	ng		95
78) Pyrene	12.83	202	69157	4.501	ng		98
81) Benzo(a)anthracene	14.02	228	31072	2.497	ng	#	80
83) Chrysene	14.06	228	30142	2.390	ng	#	94
88) Benzo(b)fluoranthene	15.07	252	41674m	3.550	ng		
90) Benzo(a)pyrene	15.43	252	38293	3.691	ng	#	87
92) Benzo(g,h,i)perylene	17.39	276	21874	2.692	ng	#	86

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

Quantitation Report (QT Reviewed)

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Data File : BF116478.D
Acq On : 23 Aug 2019 15:12
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Misc :
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BNA_F
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Manual Integrations APPROVED
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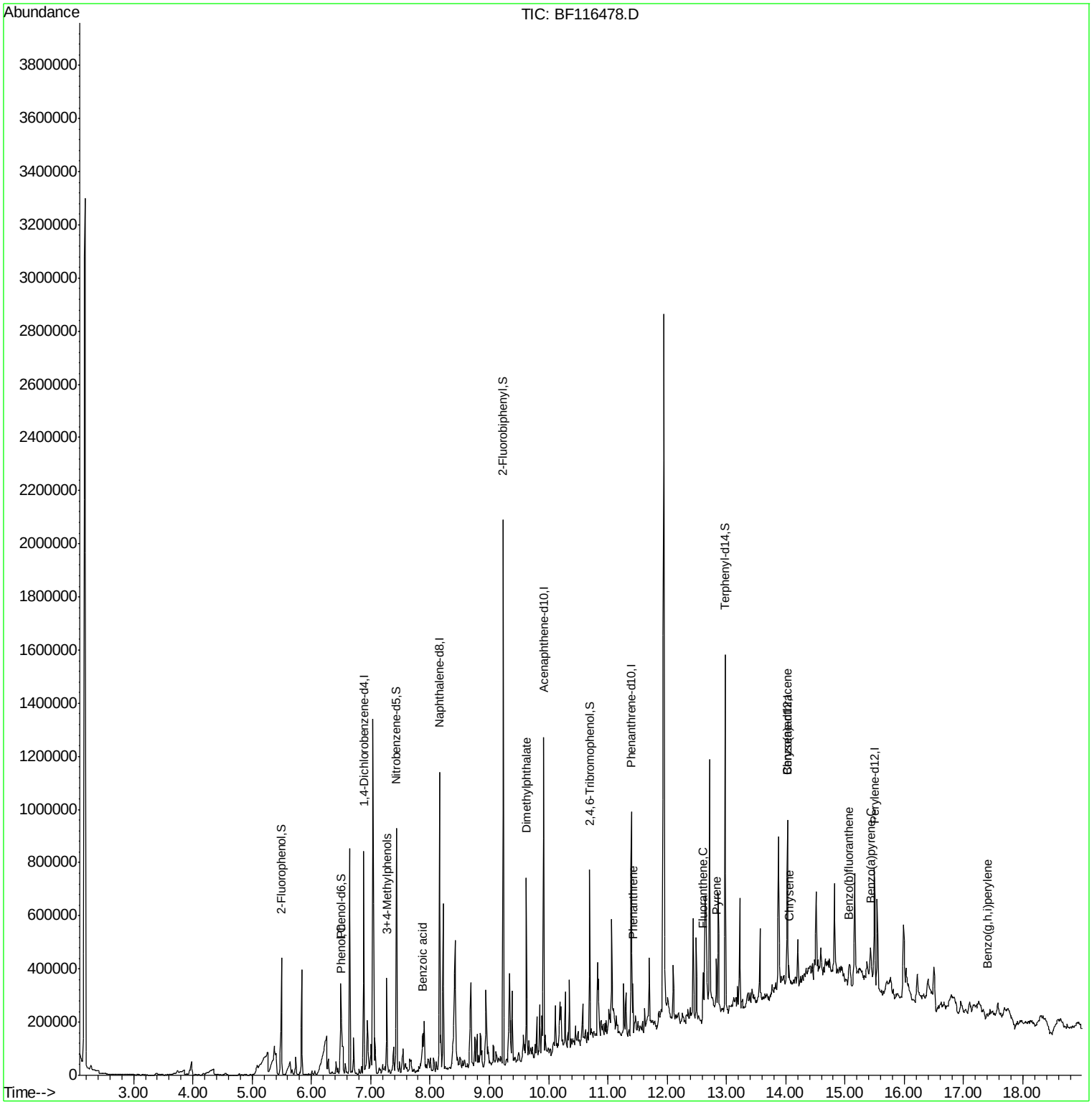
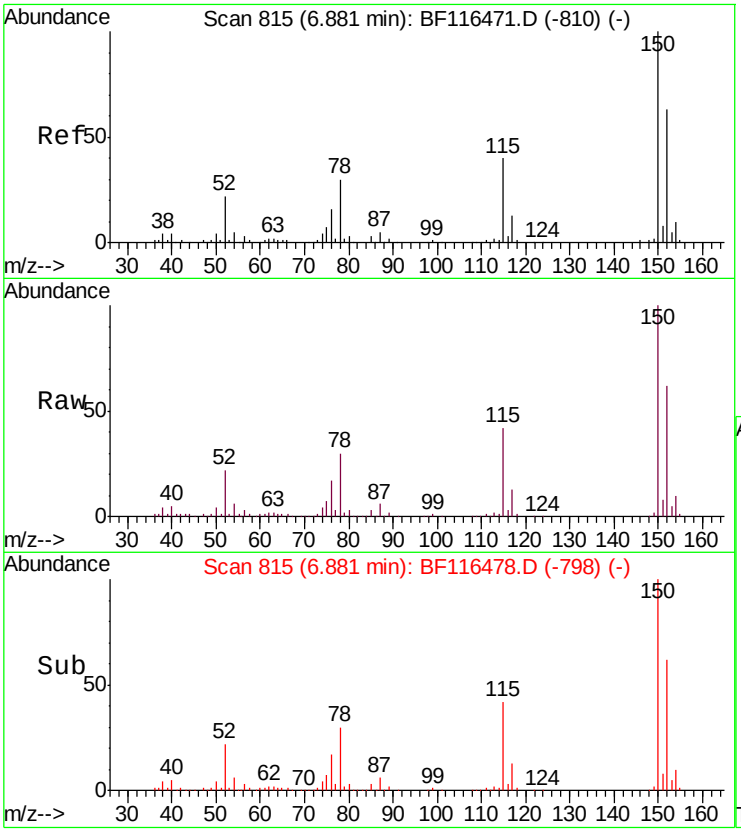
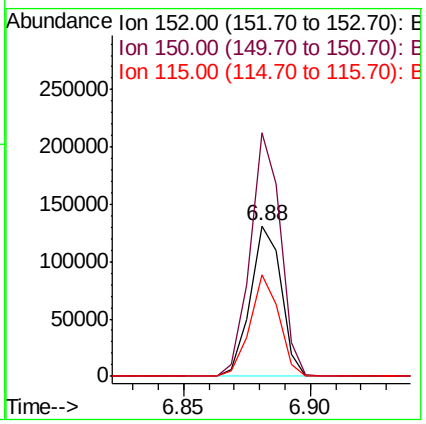




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF116478.D
Acq: 23 Aug 2019 15:12

Tgt Ion:152 Resp: 111946

Ion	Ratio	Lower	Upper
152	100		
150	161.5	126.7	190.1
115	67.0	50.9	76.3



Instrument :
BNA_F
ClientSampleId :
CFVP-228LRE

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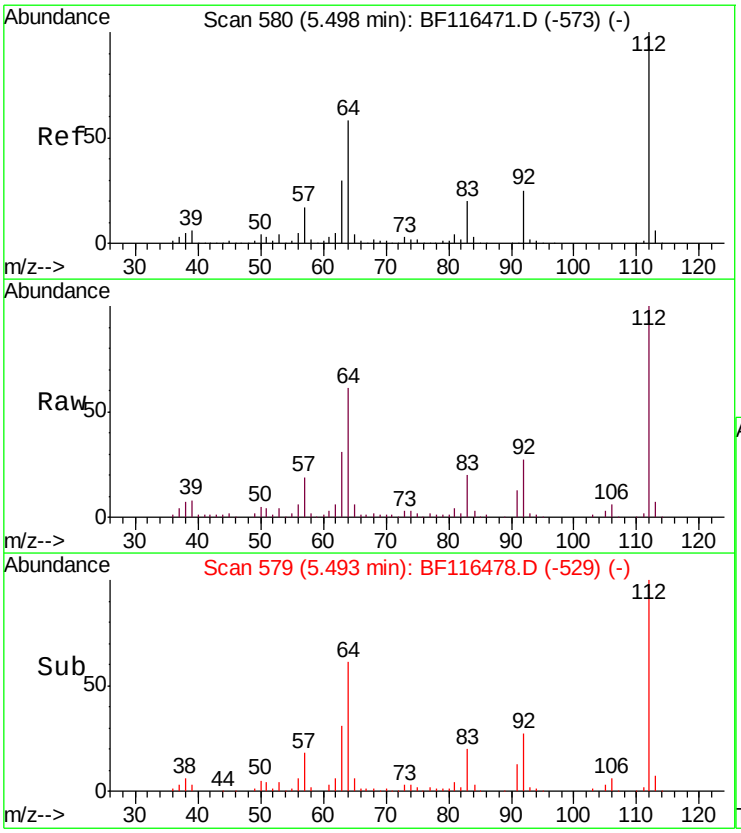
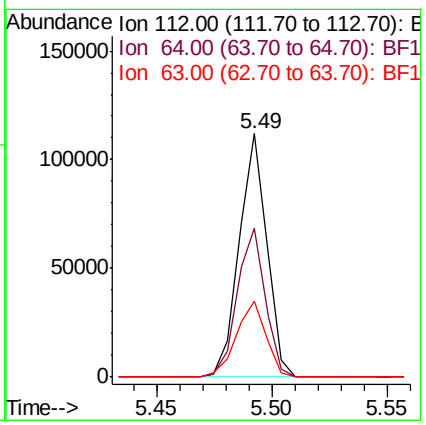
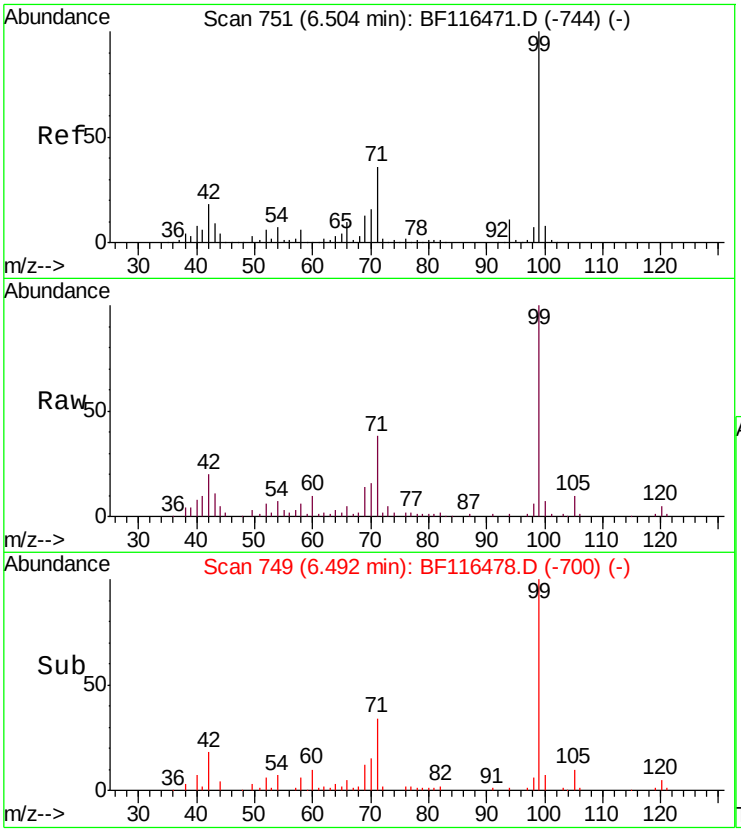


#5
2-Fluorophenol
Concen: 12.223 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF116478.D
Acq: 23 Aug 2019 15:12

Tgt Ion:112 Resp: 93645

Ion	Ratio	Lower	Upper
112	100		
64	61.0	46.3	69.5
63	31.3	24.2	36.4

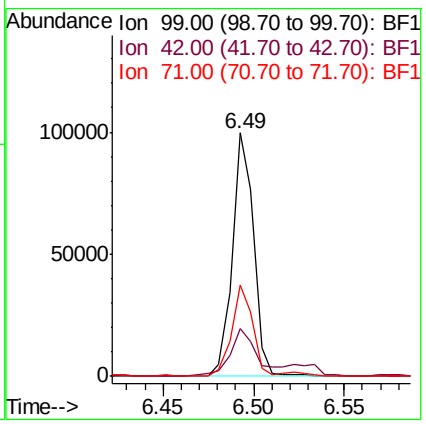




#7
Phenol-d6
Concen: 8.671 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF116478.D
Acq: 23 Aug 2019 15:12

Tgt Ion: 99 Resp: 81452

Ion	Ratio	Lower	Upper
99	100		
42	19.8	14.6	21.8
71	37.5	28.5	42.7



Instrument :
BNA_F
ClientSampleId :
CFVP-228LRE

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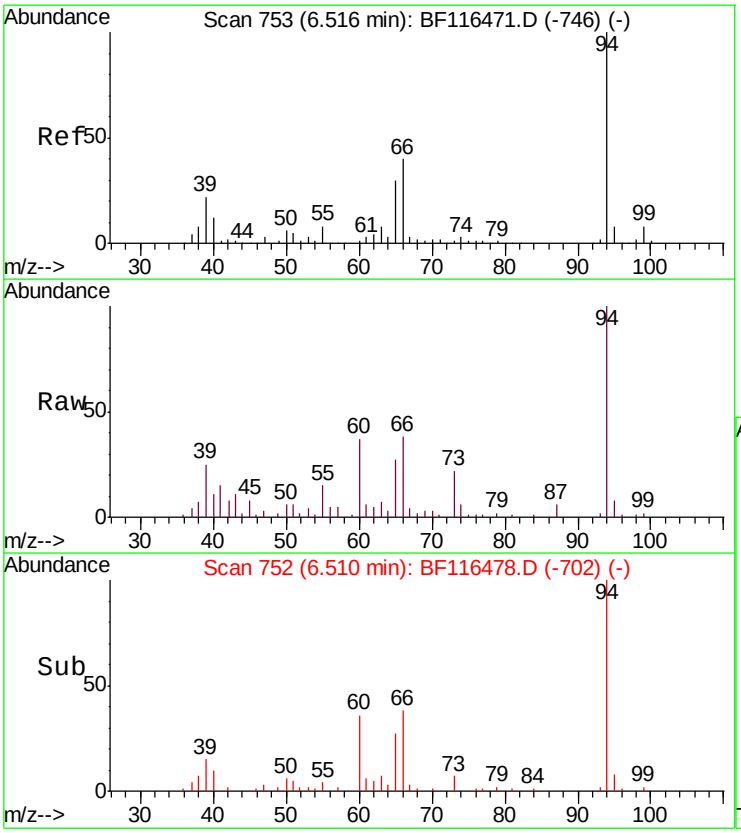
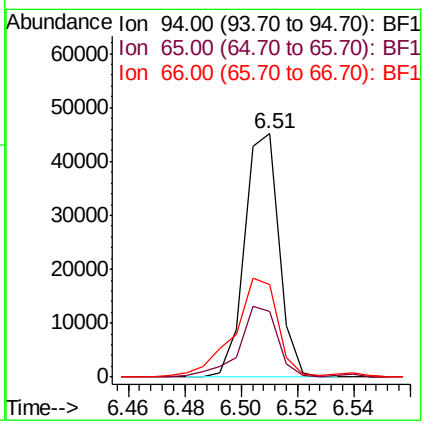
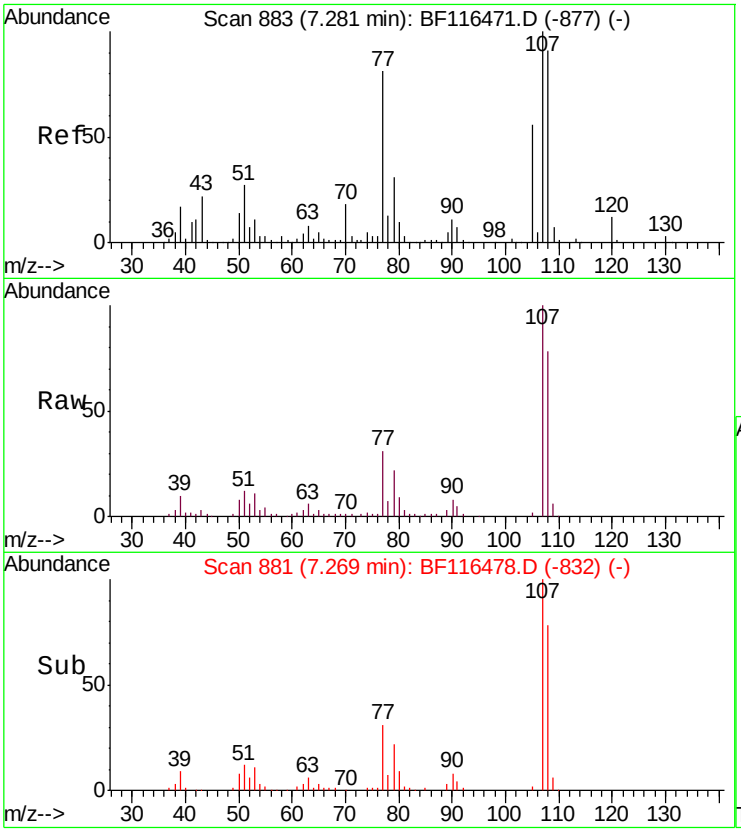


#10
Phenol
Concen: 3.725 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF116478.D
Acq: 23 Aug 2019 15:12

Tgt Ion: 94 Resp: 37999

Ion	Ratio	Lower	Upper
94	100		
65	27.2	10.0	50.0
66	37.8	19.8	59.8

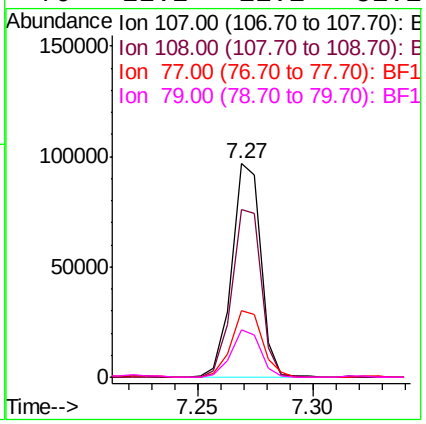




#20
3+4-Methylphenols
Concen: 10.361 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF116478.D
Acq: 23 Aug 2019 15:12

Tgt Ion:107 Resp: 84552

Ion	Ratio	Lower	Upper
107	100		
108	78.5	70.7	110.7
77	31.1	60.6	100.6#
79	22.2	11.1	51.1



Instrument :
BNA_F
ClientSampleId :
CFVP-228LRE

Manual Integrations APPROVED
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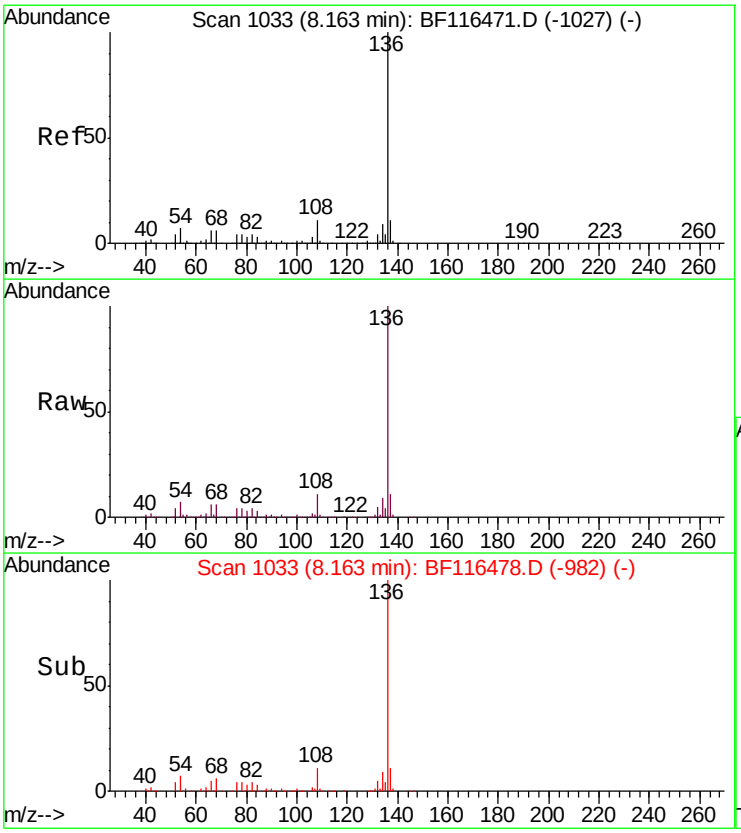
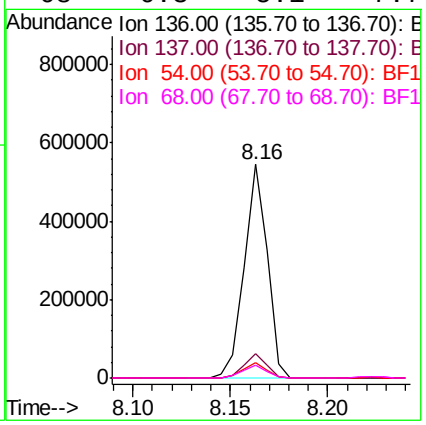
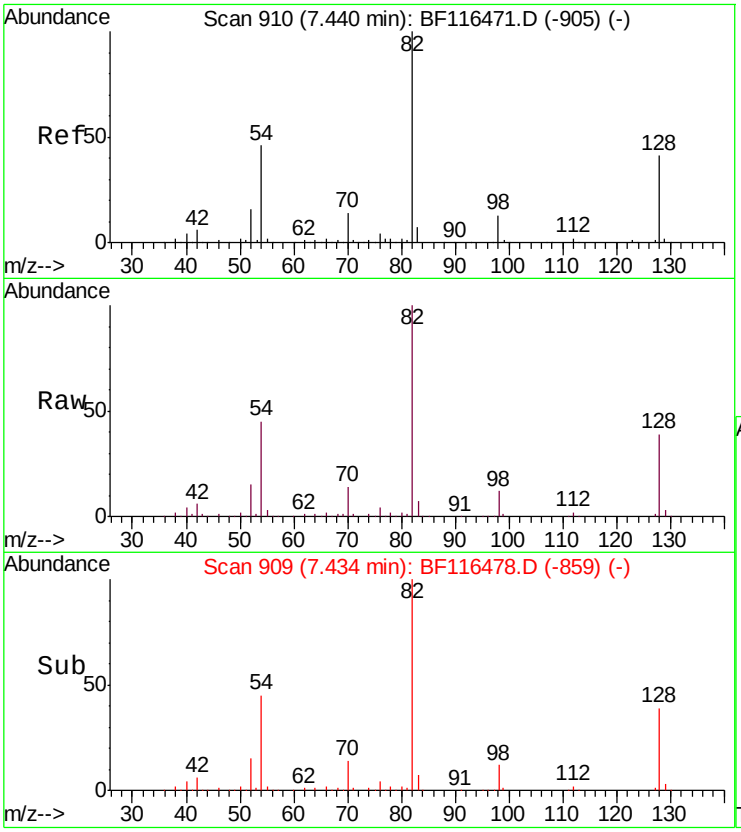


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF116478.D
Acq: 23 Aug 2019 15:12

Tgt Ion:136 Resp: 445596

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	7.1	5.8	8.6
68	6.3	5.1	7.7

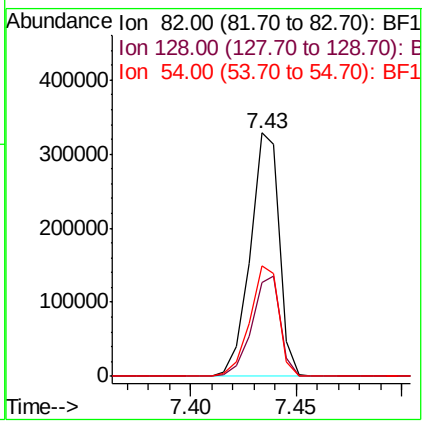




#23
Nitrobenzene-d5
Concen: 38.581 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF116478.D
Acq: 23 Aug 2019 15:12

Tgt Ion: 82 Resp: 314234

Ion	Ratio	Lower	Upper
82	100		
128	38.7	32.2	48.4
54	45.4	36.5	54.7



Instrument :
BNA_F
ClientSampleId :
CFVP-228LRE

Manual Integrations APPROVED
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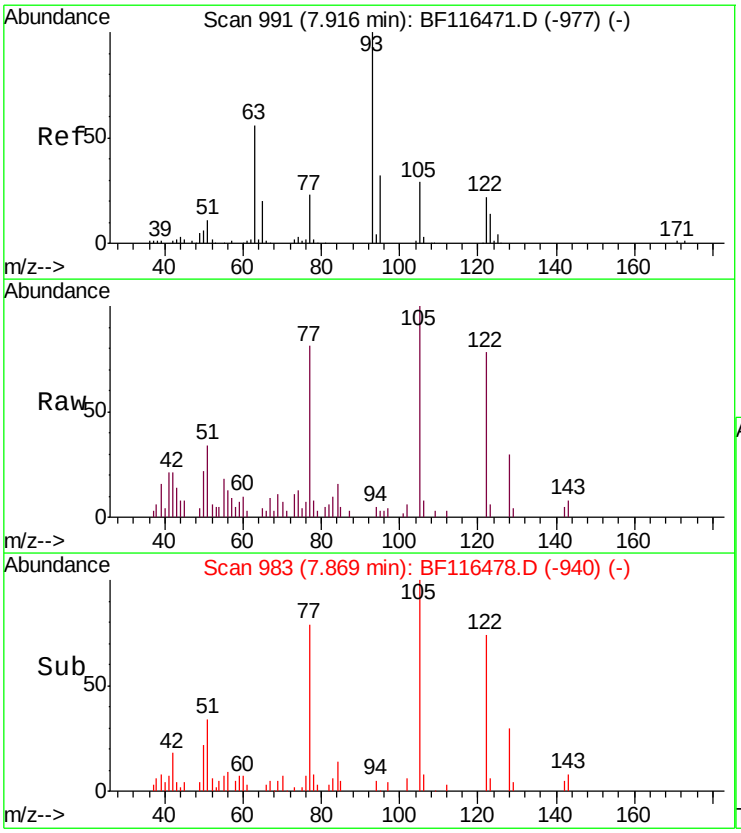
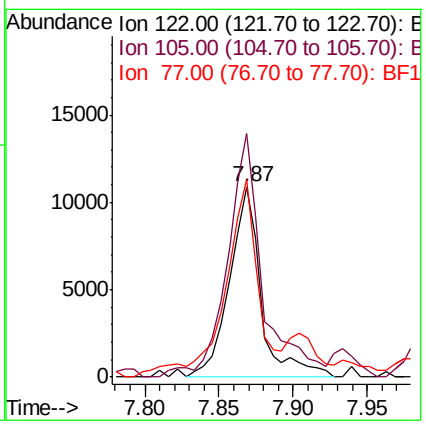
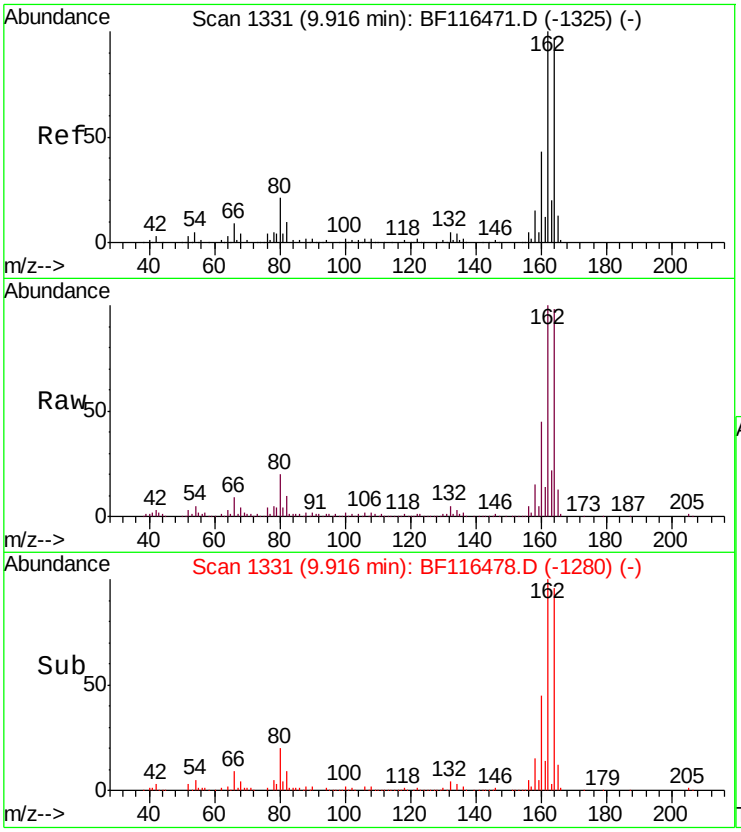


#32
Benzoic acid
Concen: 3.923 ng m
RT: 7.87 min Scan# 983
Delta R.T. -0.05 min
Lab File: BF116478.D
Acq: 23 Aug 2019 15:12

Tgt Ion:122 Resp: 16124

Ion	Ratio	Lower	Upper
122	100		
105	128.0	109.9	149.9
77	104.1	84.9	124.9

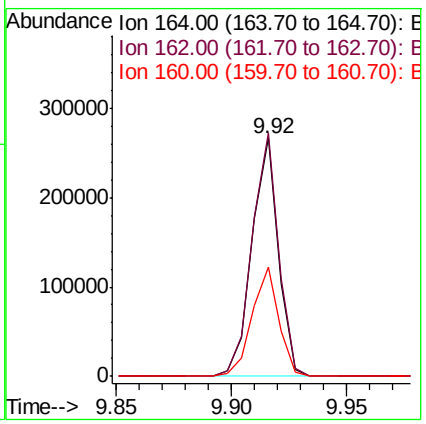




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF116478.D
Acq: 23 Aug 2019 15:12

Tgt Ion:164 Resp: 214063

Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.6	123.8
160	46.2	35.8	53.8



Instrument :
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ClientSampleId :
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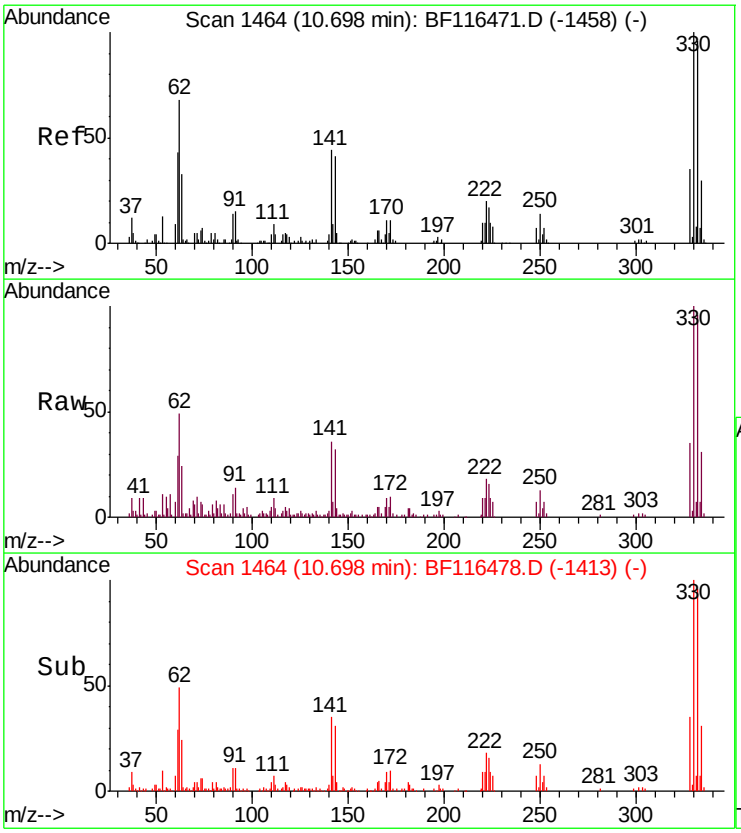
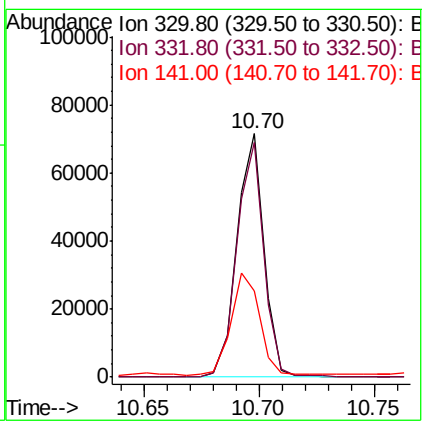
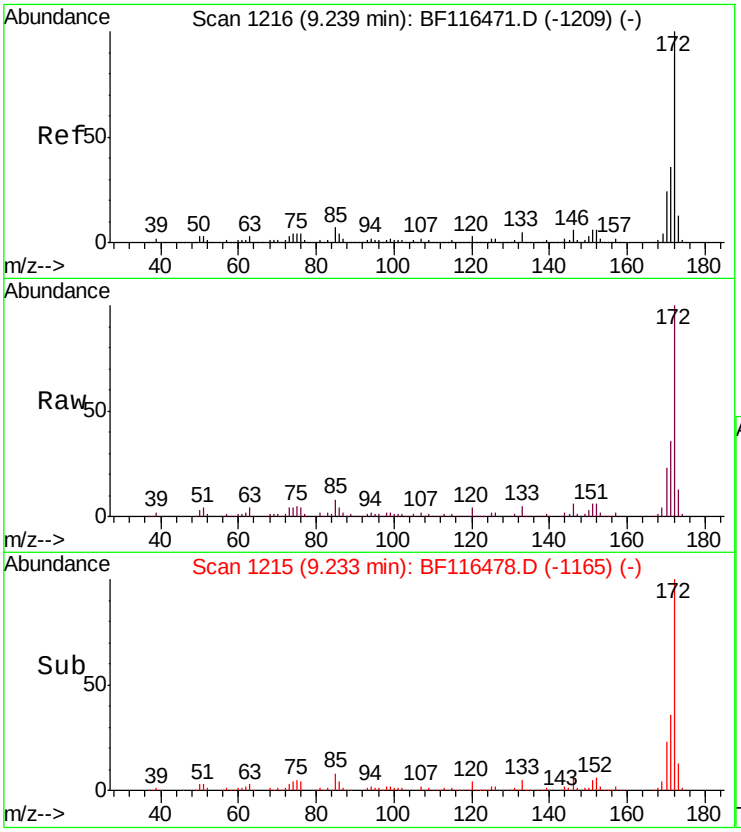


#42
2,4,6-Tribromophenol
Concen: 31.769 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.00 min
Lab File: BF116478.D
Acq: 23 Aug 2019 15:12

Tgt Ion:330 Resp: 58395

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.2	115.8
141	43.8	33.3	49.9

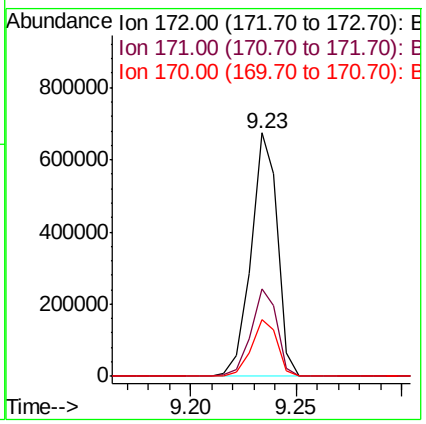




#45
2-Fluorobiphenyl
Concen: 43.949 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF116478.D
Acq: 23 Aug 2019 15:12

Tgt Ion:172 Resp: 584192

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.9	43.3
170	23.4	19.4	29.0



Instrument :
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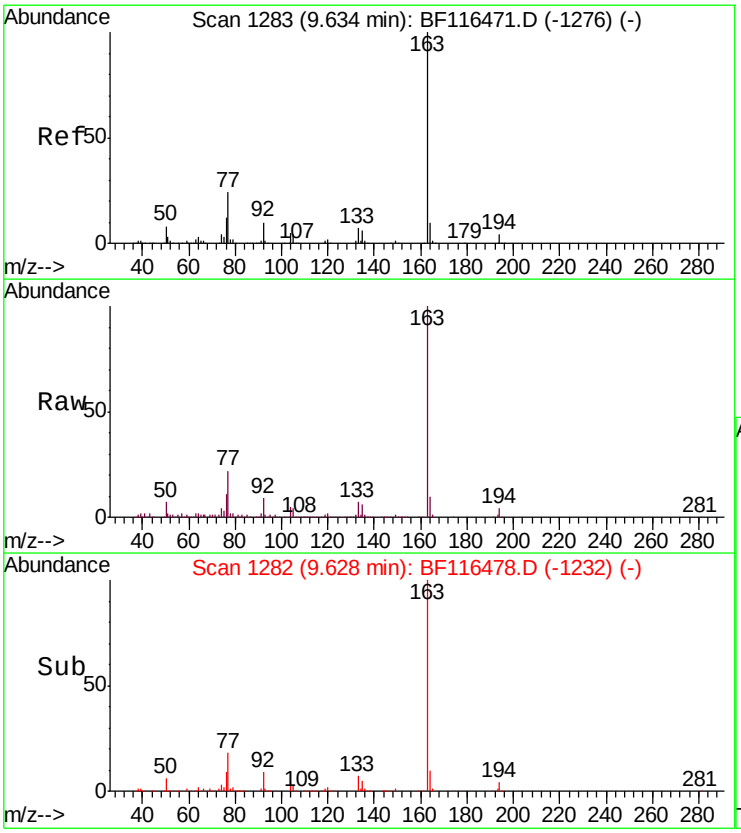
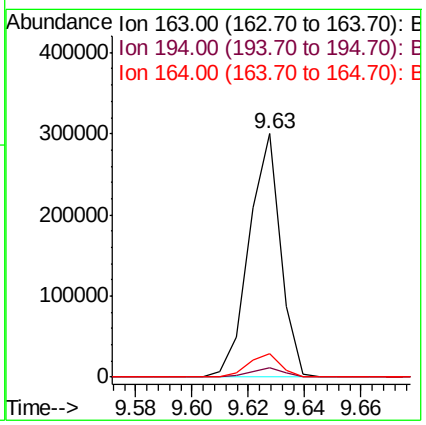
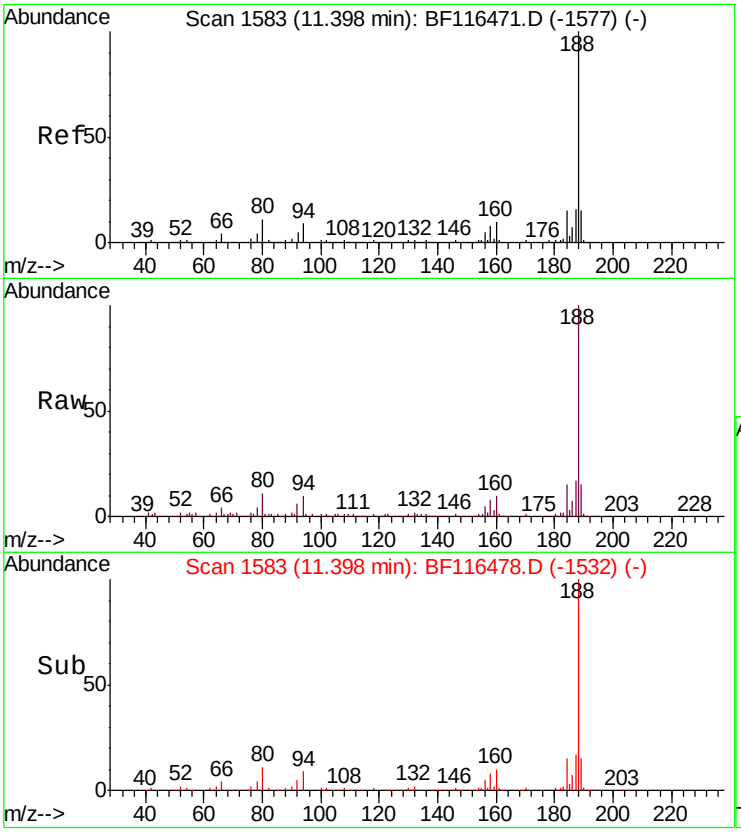


#50
Dimethylphthalate
Concen: 15.545 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF116478.D
Acq: 23 Aug 2019 15:12

Tgt Ion:163 Resp: 232165

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.9	4.3
164	9.8	8.2	12.2

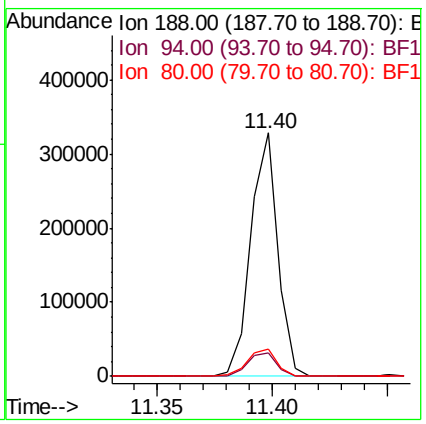




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF116478.D
Acq: 23 Aug 2019 15:12

Tgt Ion:188 Resp: 268950

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.4	11.2
80	11.0	8.6	12.8



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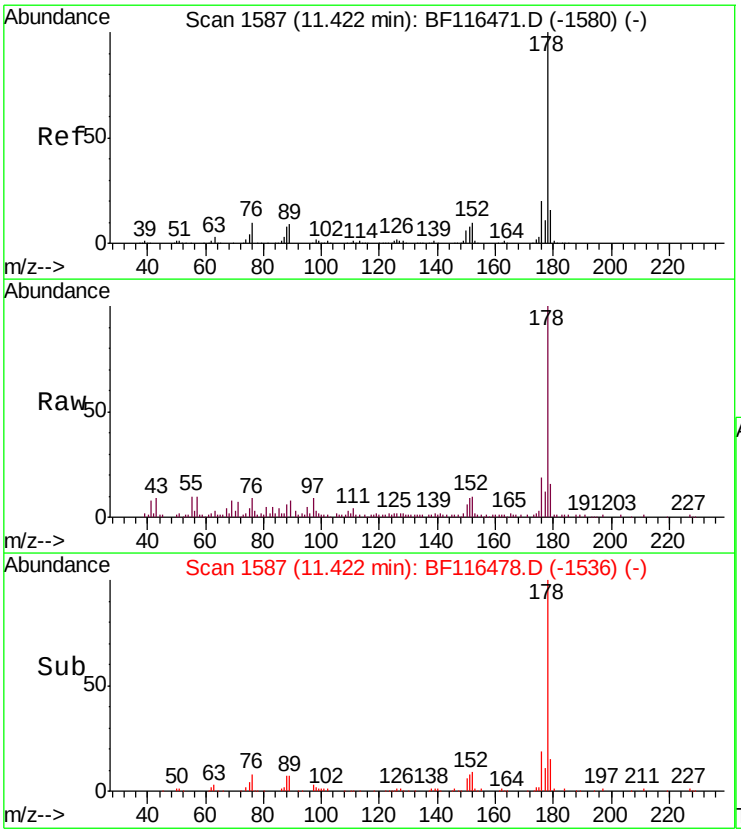
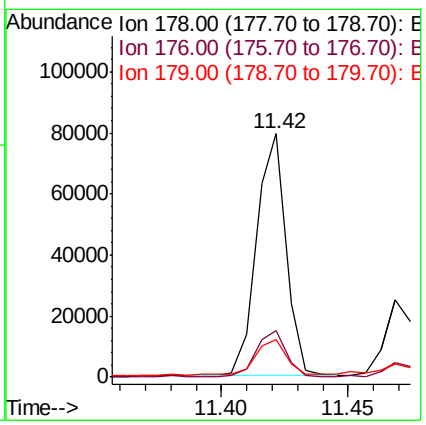
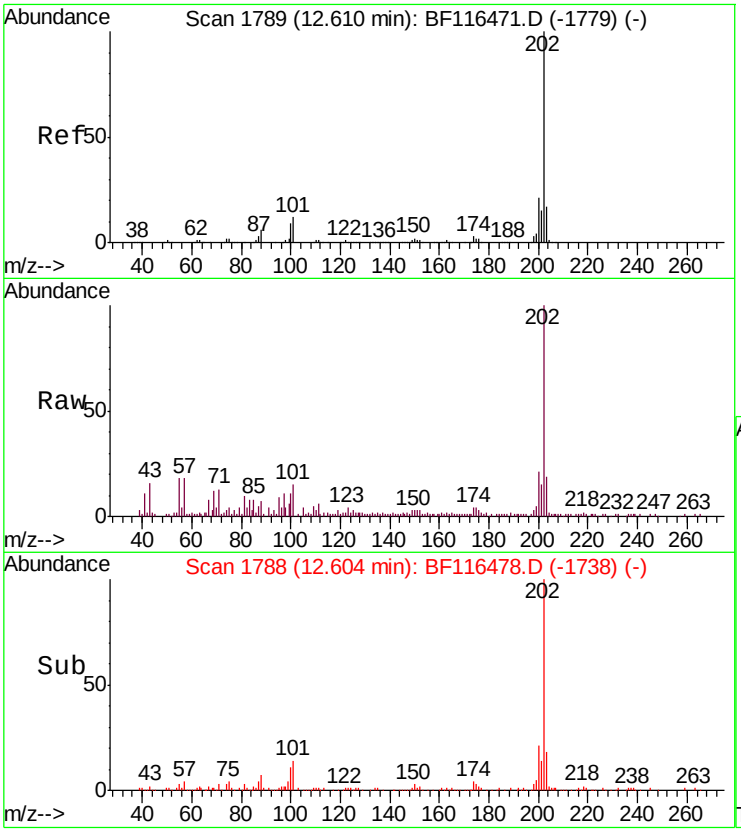


#71
Phenanthrene
Concen: 4.415 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BF116478.D
Acq: 23 Aug 2019 15:12

Tgt Ion:178 Resp: 64686

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.6
179	15.5	12.8	19.2

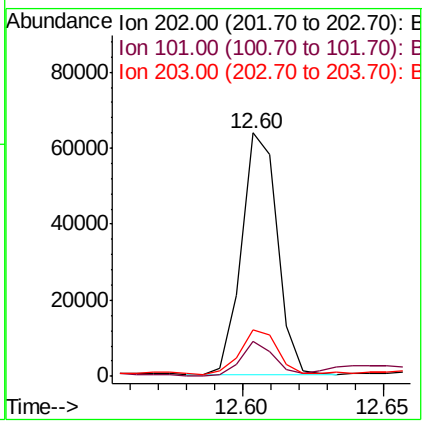




#75
Fluoranthene
Concen: 3.670 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.01 min
Lab File: BF116478.D
Acq: 23 Aug 2019 15:12

Tgt Ion:202 Resp: 55598

Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	31.5
203	19.1	0.0	37.5



Instrument :
BNA_F
ClientSampleId :
CFVP-228LRE

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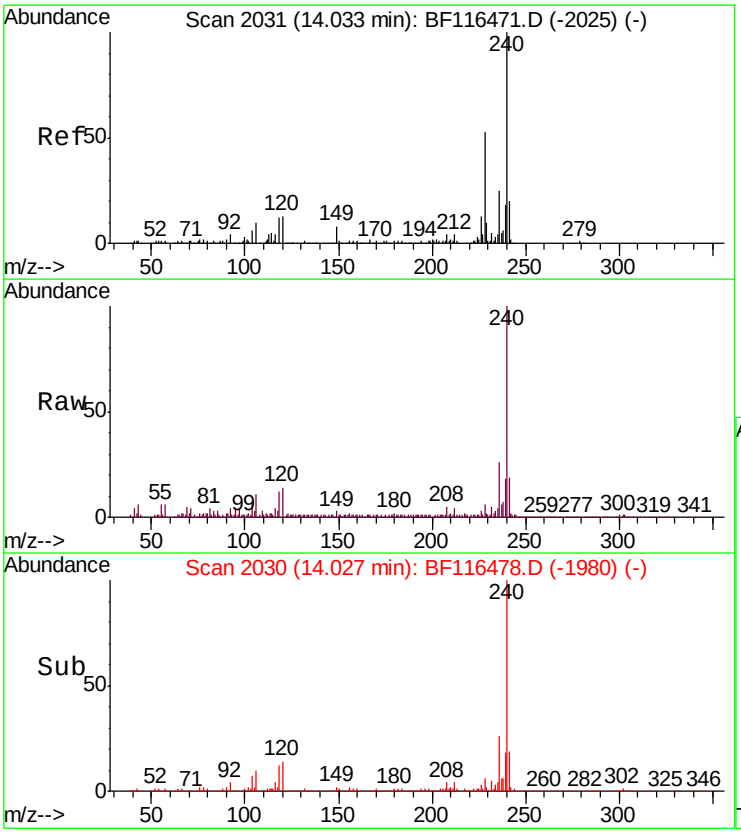
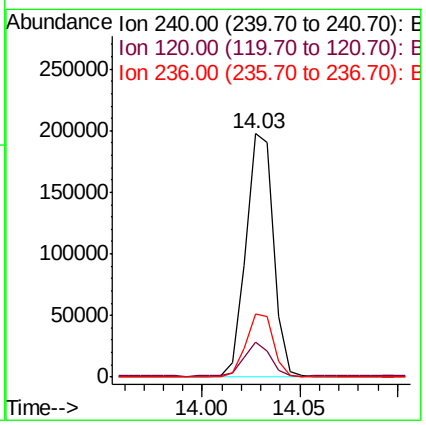
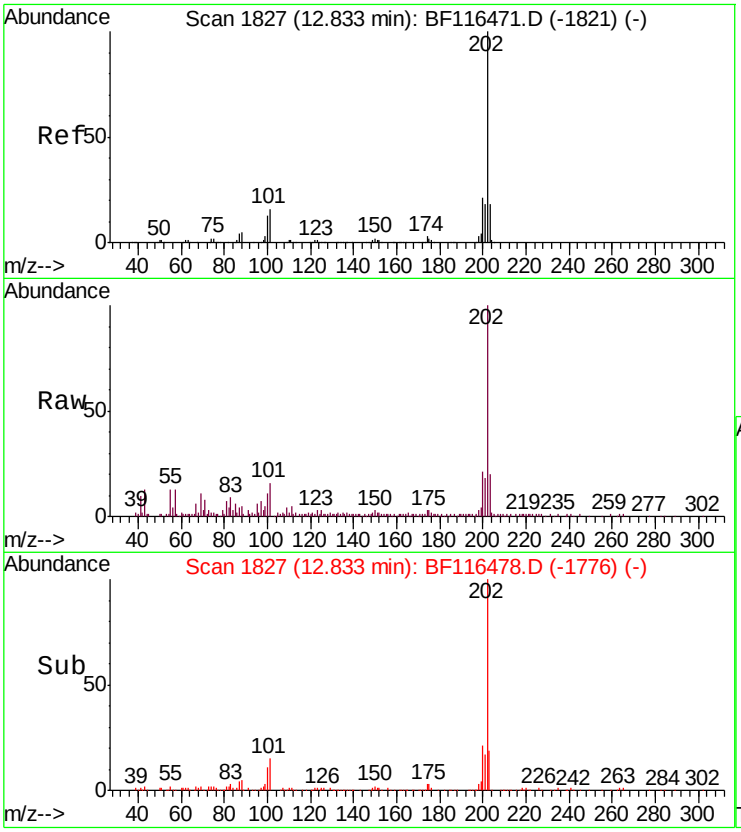


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF116478.D
Acq: 23 Aug 2019 15:12

Tgt Ion:240 Resp: 192136

Ion	Ratio	Lower	Upper
240	100		
120	14.2	10.5	15.7
236	25.9	20.2	30.2

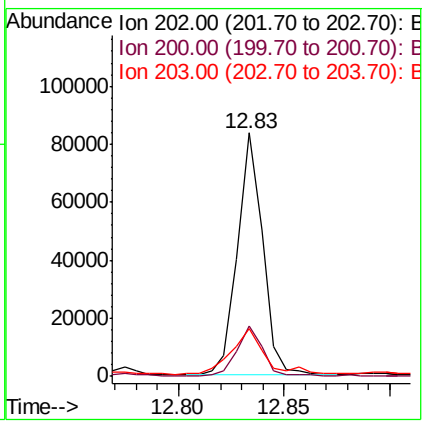




#78
Pyrene
Concen: 4.501 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BF116478.D
Acq: 23 Aug 2019 15:12

Tgt Ion:202 Resp: 69157

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.0	25.4
203	19.7	14.2	21.4



Instrument :
BNA_F
ClientSampleId :
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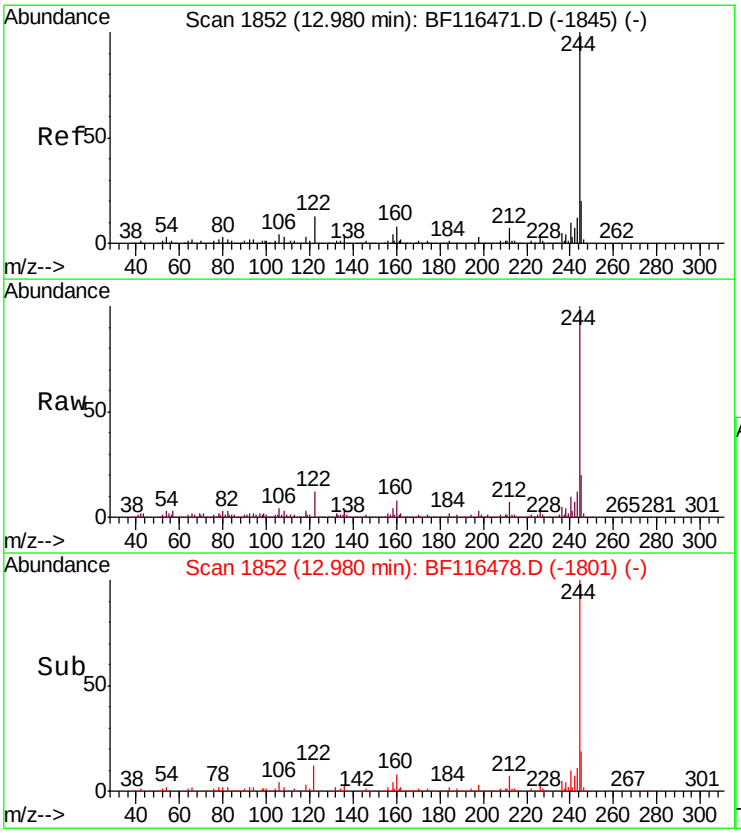
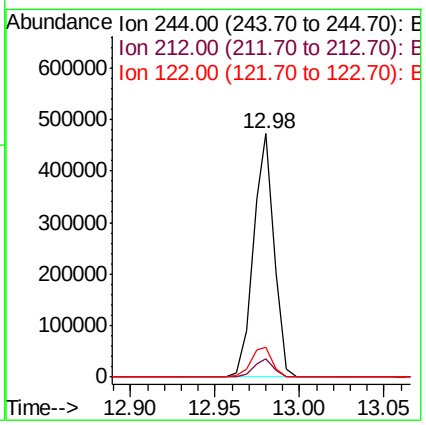
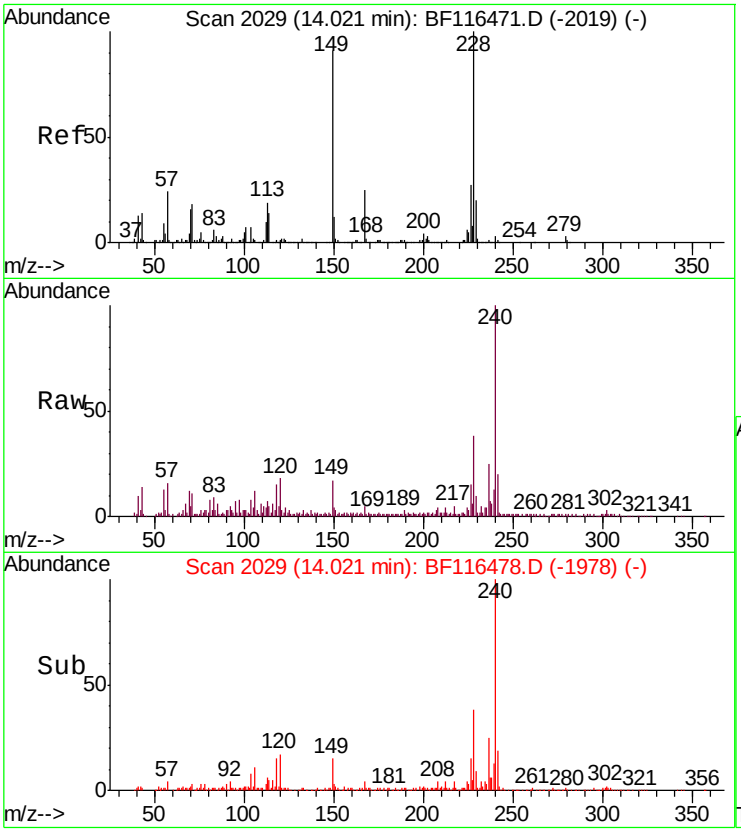


#79
Terphenyl-d14
Concen: 39.072 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.00 min
Lab File: BF116478.D
Acq: 23 Aug 2019 15:12

Tgt Ion:244 Resp: 401906

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	12.3	10.2	15.4





#81
Benzo(a)anthracene
Concen: 2.497 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BF116478.D
Acq: 23 Aug 2019 15:12

Tgt Ion:228 Resp: 31072

Ion	Ratio	Lower	Upper
228	100		
226	40.6	21.8	32.6#
229	25.4	15.9	23.9#

Instrument :
BNA_F
ClientSampleId :
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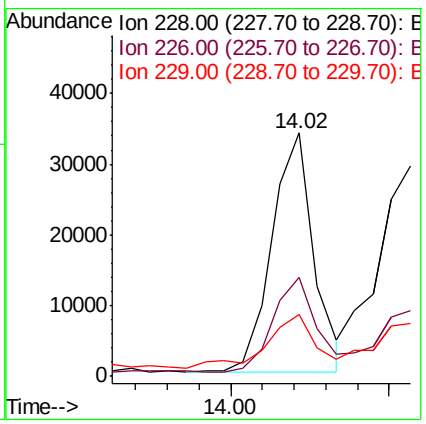
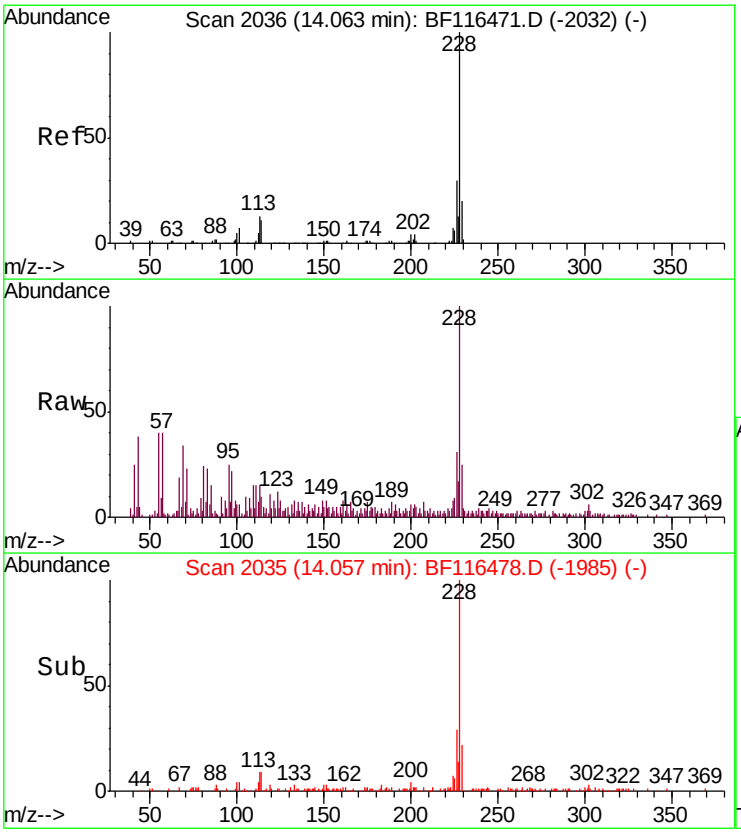
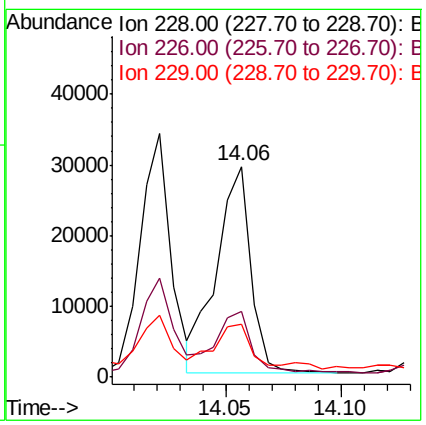


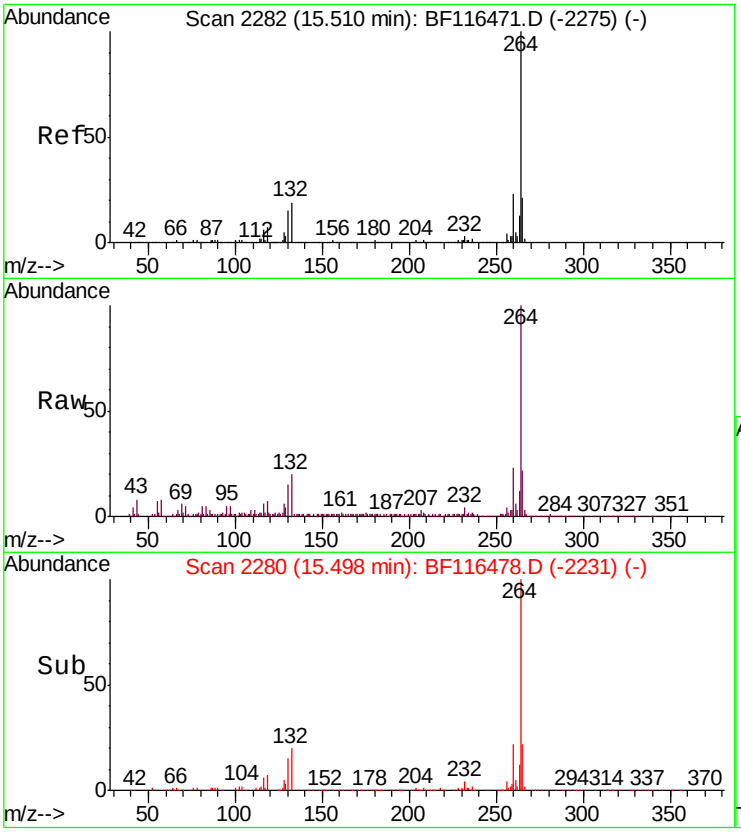


#83
Chrysene
Concen: 2.390 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF116478.D
Acq: 23 Aug 2019 15:12

Tgt Ion:228 Resp: 30142

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.2	36.2
229	24.8	15.8	23.6#

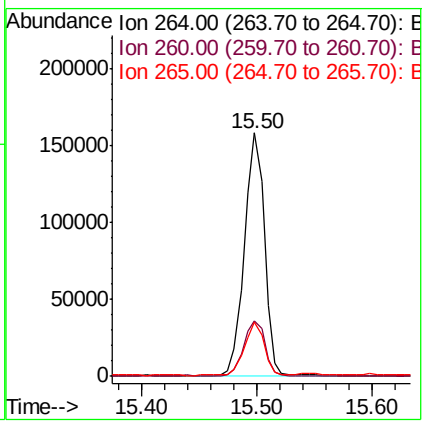




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF116478.D
Acq: 23 Aug 2019 15:12

Tgt Ion:264 Resp: 190006

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.8	28.2
265	22.2	17.1	25.7



Instrument :
BNA_F
ClientSampleId :
CFVP-228LRE

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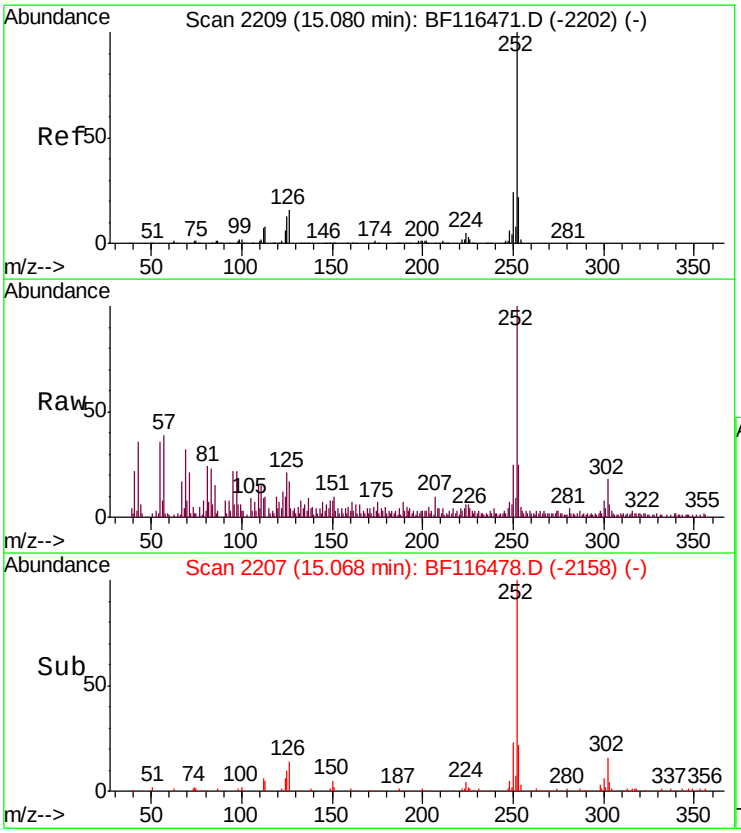
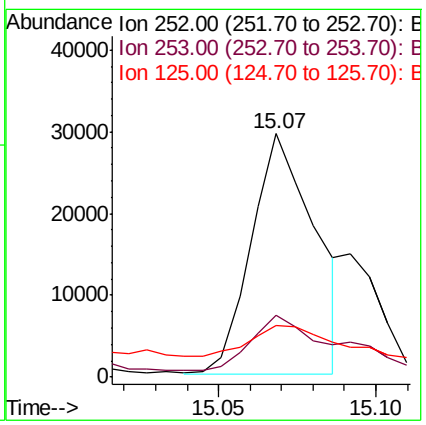
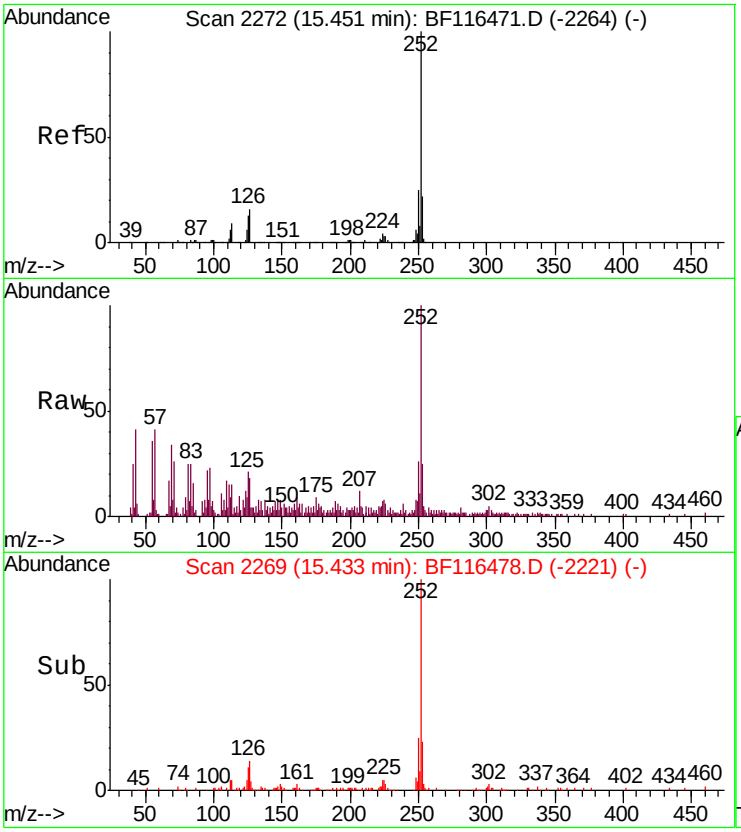


#88
Benzo(b)fluoranthene
Concen: 3.550 ng m
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF116478.D
Acq: 23 Aug 2019 15:12

Tgt Ion:252 Resp: 41674

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.5	26.3
125	21.4	10.1	15.1#

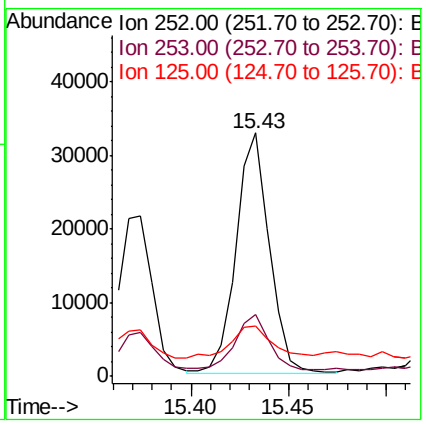




#90
Benzo(a)pyrene
Concen: 3.691 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF116478.D
Acq: 23 Aug 2019 15:12

Tgt Ion:252 Resp: 38293

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.2	25.8
125	20.9	10.2	15.4#



Instrument :
BNA_F
ClientSampleId :
CFVP-228LRE

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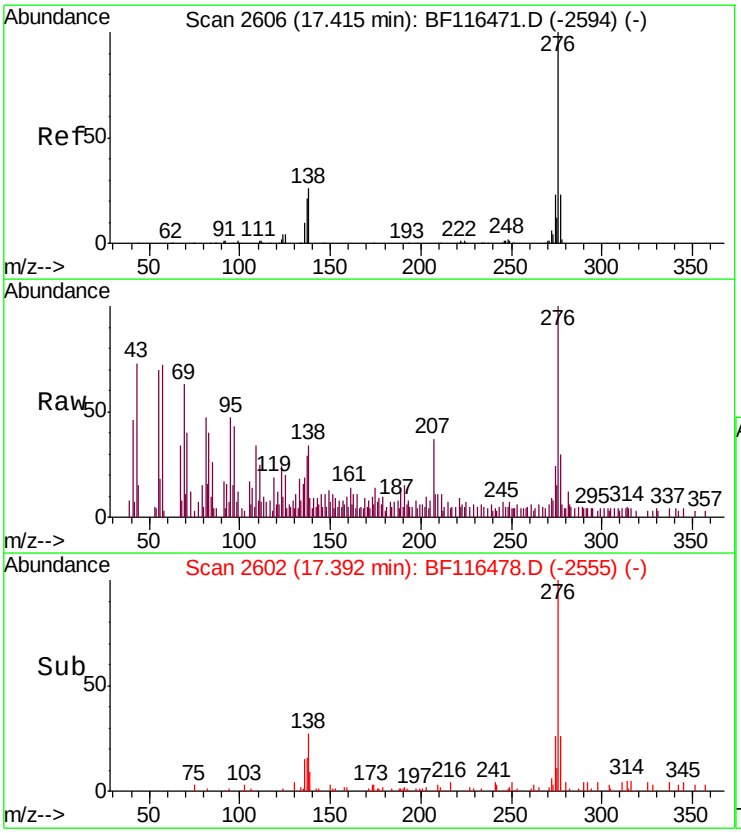

#92
Benzo(g,h,i)perylene
Concen: 2.692 ng
RT: 17.39 min Scan# 2602
Delta R.T. -0.02 min
Lab File: BF116478.D
Acq: 23 Aug 2019 15:12

Tgt Ion:276 Resp: 21874

Ion	Ratio	Lower	Upper
276	100		
277	29.7	18.7	28.1#
138	33.7	20.8	31.2#