Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082119\
Data File : BF116464.D
Acq On : 21 Aug 2019 14:35
Operator : HP/JU
Sample : K4421-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUNSET-PARK-SB-5-COMP

Manual Integrations APPROVED
Jagrut
8/22/2019 1:57:53 PM

Quant Time: Aug 21 16:56:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 06:03:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	88460	20.00	ng		-0.02
21) Naphthalene-d8	8.07	136	348697	20.00	ng		-0.02
39) Acenaphthene-d10	9.83	164	179602	20.00	ng		-0.02
64) Phenanthrene-d10	11.32	188	298025	20.00	ng		-0.02
76) Chrysene-d12	13.96	240	230313	20.00	ng		-0.02
87) Perylene-d12	15.42	264	218449	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	539725	102.14	ng		-0.02
7) Phenol-d6	6.45	99	740213	111.03	ng		-0.02
23) Nitrobenzene-d5	7.36	82	426965	70.68	ng		-0.03
42) 2,4,6-Tribromophenol	10.62	330	151914	87.24	ng		-0.02
45) 2-Fluorobiphenyl	9.15	172	703164	73.33	ng		-0.02
79) Terphenyl-d14	12.90	244	720917	65.96	ng		-0.02
Target Compounds							Qvalue
50) Dimethylphthalate	9.55	163	129270	10.571	ng		98
71) Phenanthrene	11.34	178	145096	9.523	ng		98
72) Anthracene	11.40	178	38167	2.475	ng		99
75) Fluoranthene	12.53	202	218983	13.729	ng		99
78) Pyrene	12.76	202	208248	11.995	ng		98
81) Benzo(a)anthracene	13.96	228	99937	6.789	ng		99
83) Chrysene	13.99	228	89881	6.289	ng		98
86) Indeno(1,2,3-cd)pyrene	16.90	276	30969	2.580	ng		95
88) Benzo(b)fluoranthene	15.00	252	95522m	7.563	ng		
89) Benzo(k)fluoranthene	15.03	252	35593m	2.893	ng		
90) Benzo(a)pyrene	15.37	252	72185	6.393	ng	#	93
92) Benzo(g,h,i)perylene	17.35	276	29616	3.085	ng	#	86

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082119\
Data File : BF116464.D
Acq On : 21 Aug 2019 14:35
Operator : HP/JU
Sample : K4421-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 21 16:56:21 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 06:03:31 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SUNSET-PARK-SB-5-COMP

Manual Integrations APPROVED
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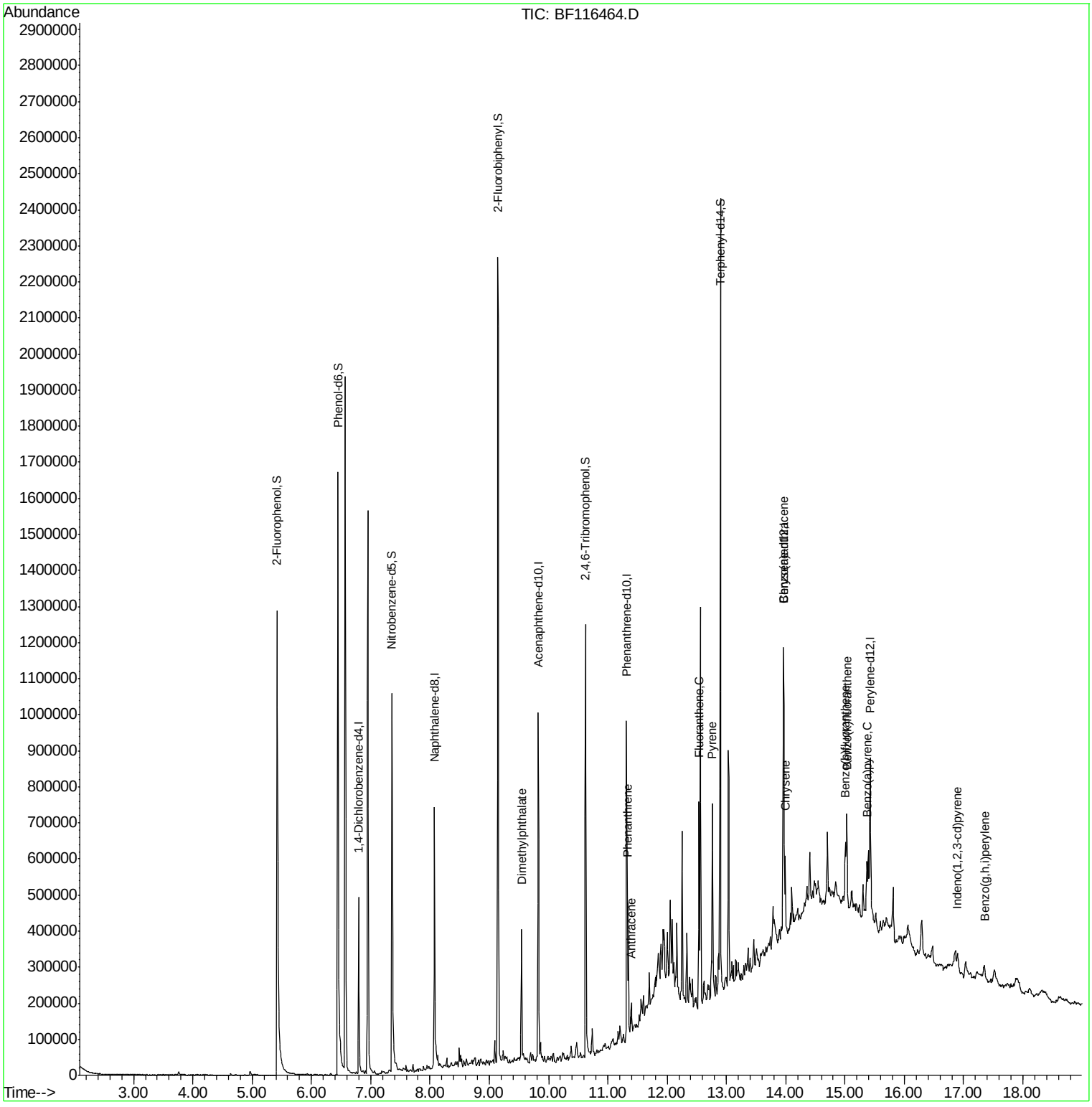
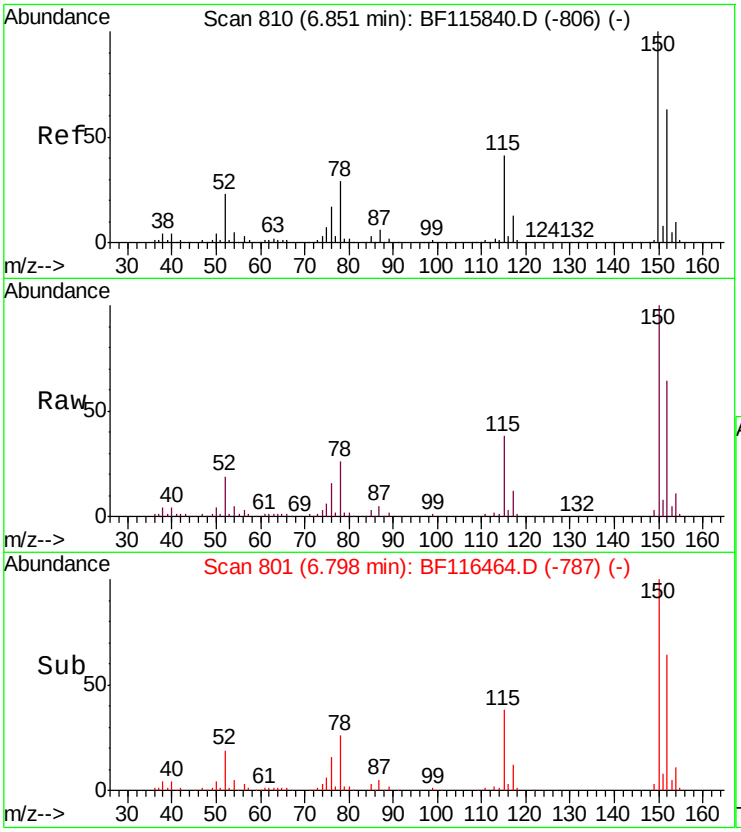
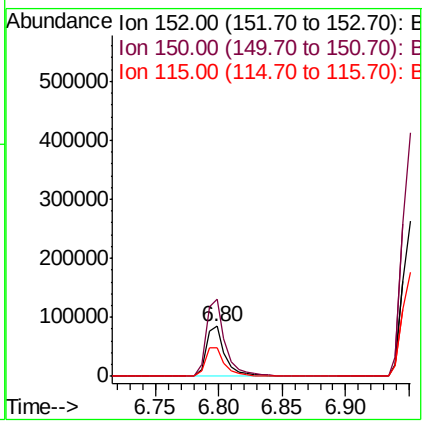




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF116464.D
Acq: 21 Aug 2019 14:35

Tgt Ion:152 Resp: 88460

Ion	Ratio	Lower	Upper
152	100		
150	155.1	126.2	189.2
115	58.5	49.9	74.9



Instrument :
BNA_F
ClientSampleId :
SUNSET-PARK-SB-5-COMP

Manual Integrations APPROVED
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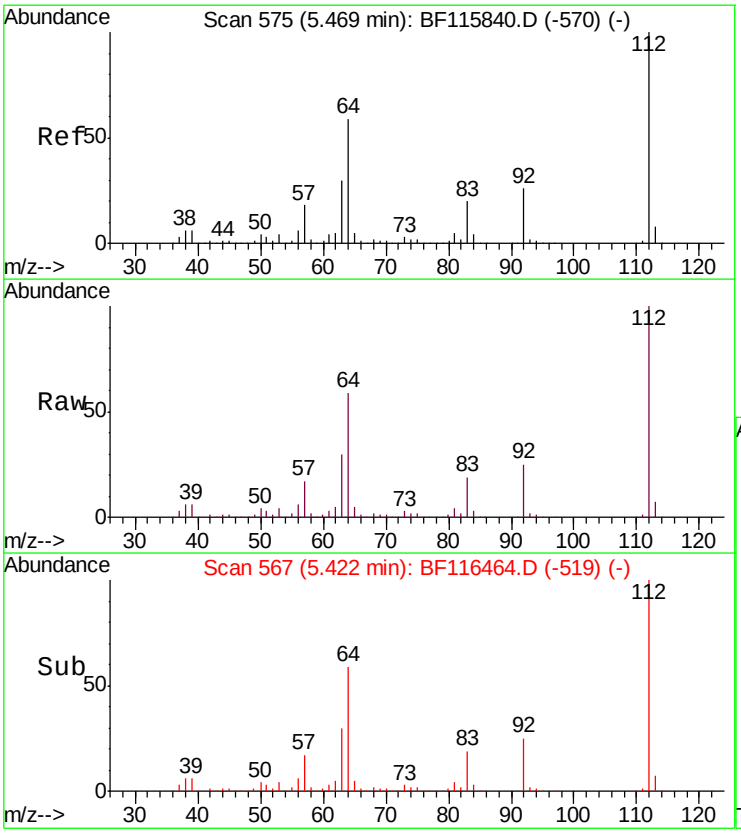
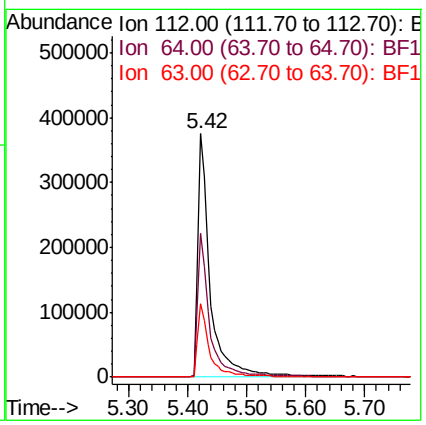
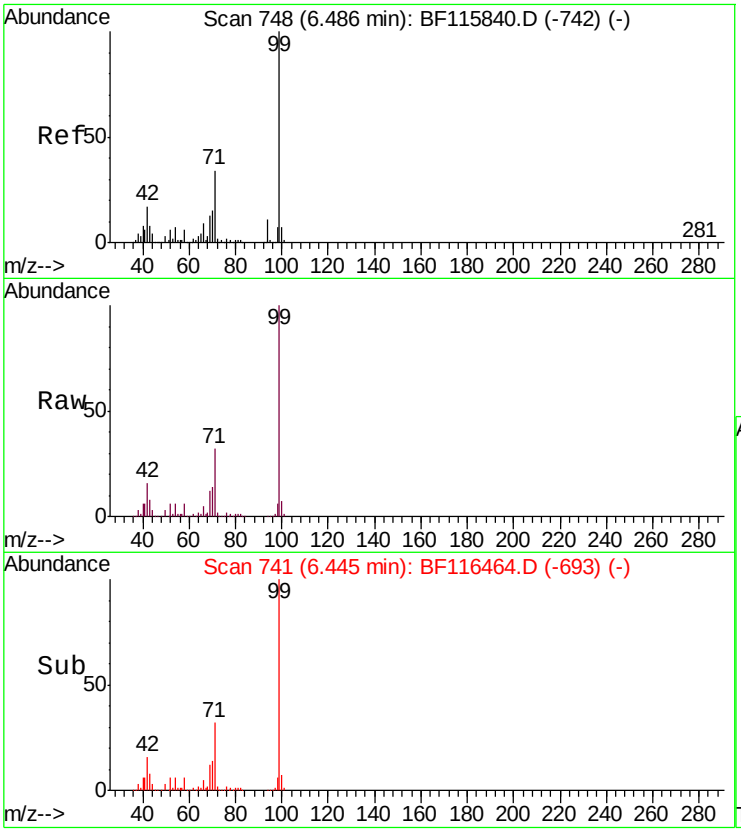


#5
2-Fluorophenol
Concen: 102.140 ng
RT: 5.42 min Scan# 567
Delta R.T. -0.02 min
Lab File: BF116464.D
Acq: 21 Aug 2019 14:35

Tgt Ion:112 Resp: 539725

Ion	Ratio	Lower	Upper
112	100		
64	59.0	45.4	68.2
63	30.0	23.7	35.5

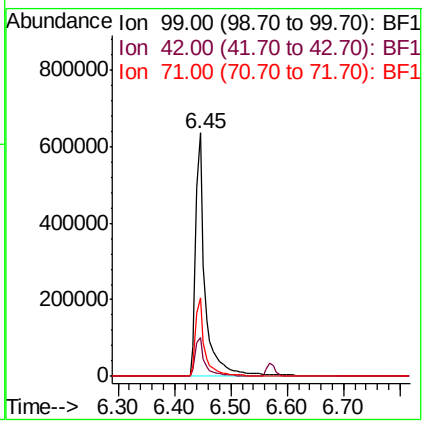




#7
Phenol-d6
Concen: 111.028 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.02 min
Lab File: BF116464.D
Acq: 21 Aug 2019 14:35

Tgt Ion: 99 Resp: 740213

Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.8	20.8
71	32.3	27.3	40.9



Instrument :
BNA_F
ClientSampleId :
SUNSET-PARK-SB-5-COMP

Manual Integrations APPROVED
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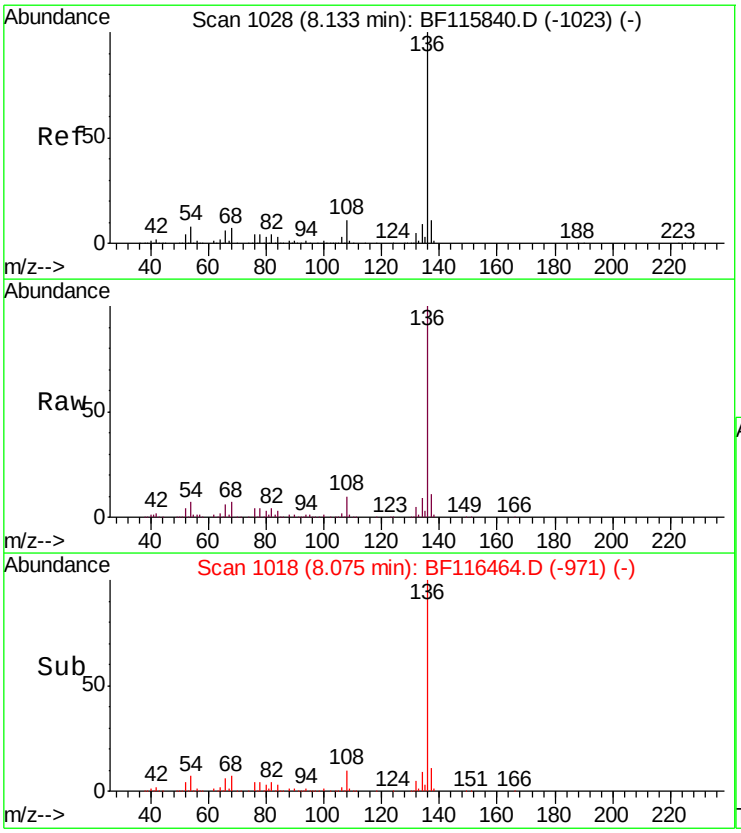
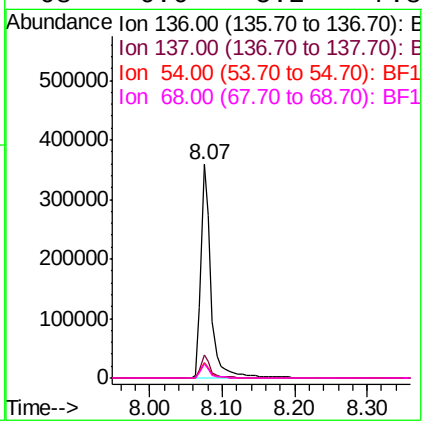
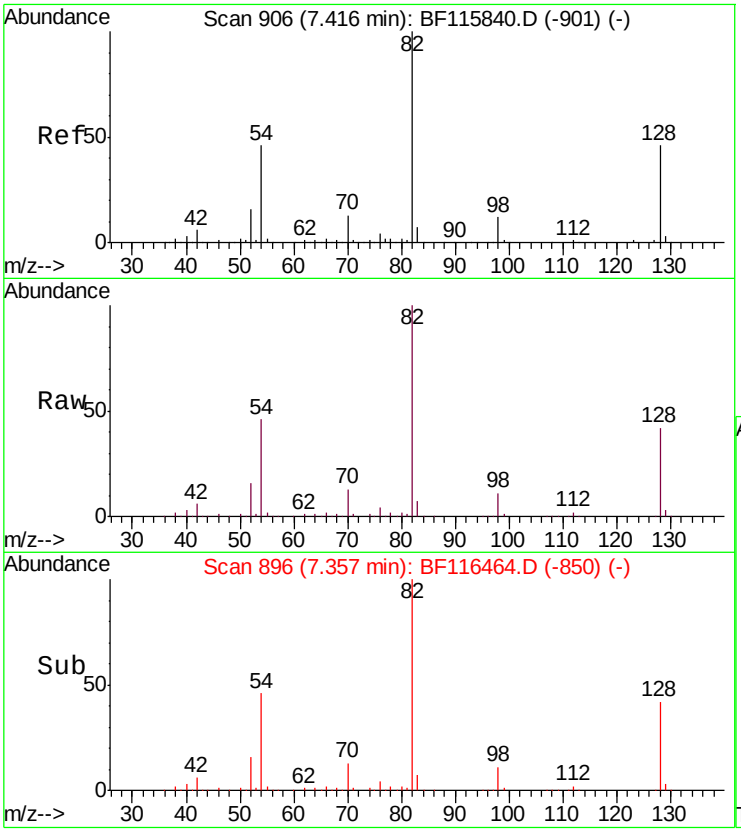


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BF116464.D
Acq: 21 Aug 2019 14:35

Tgt Ion:136 Resp: 348697

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	7.1	5.8	8.6
68	6.6	5.2	7.8

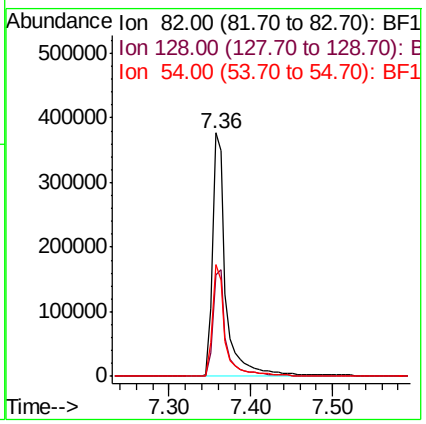




#23
Nitrobenzene-d5
Concen: 70.680 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.03 min
Lab File: BF116464.D
Acq: 21 Aug 2019 14:35

Tgt Ion: 82 Resp: 426965

Ion	Ratio	Lower	Upper
82	100		
128	41.6	36.5	54.7
54	46.1	36.0	54.0



Instrument :
BNA_F
ClientSampleId :
SUNSET-PARK-SB-5-COMP

Manual Integrations APPROVED
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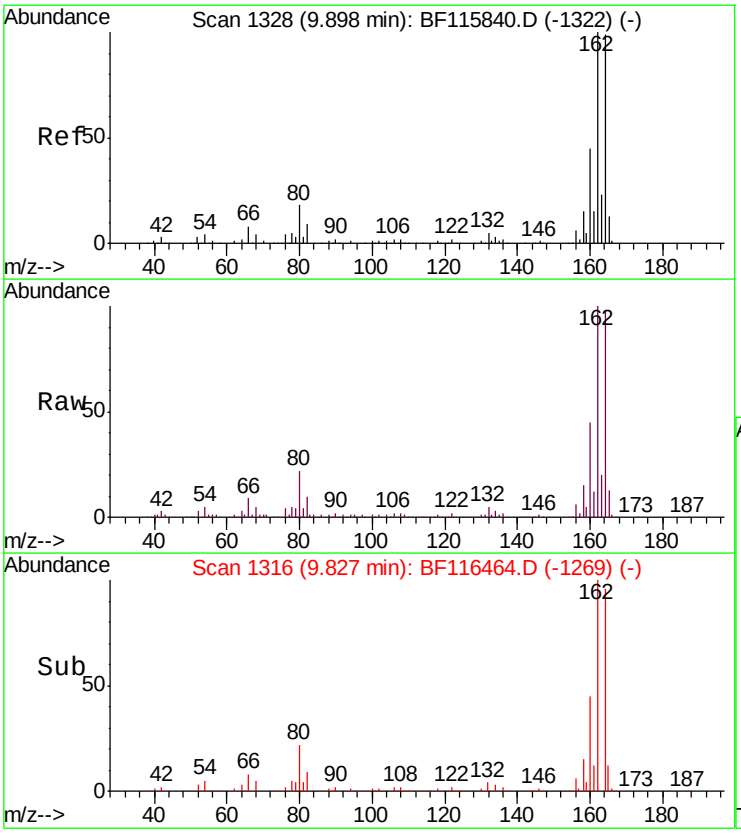
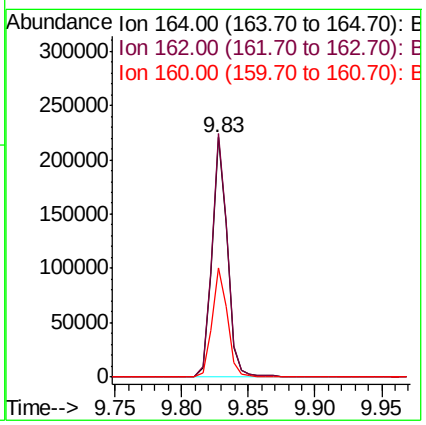
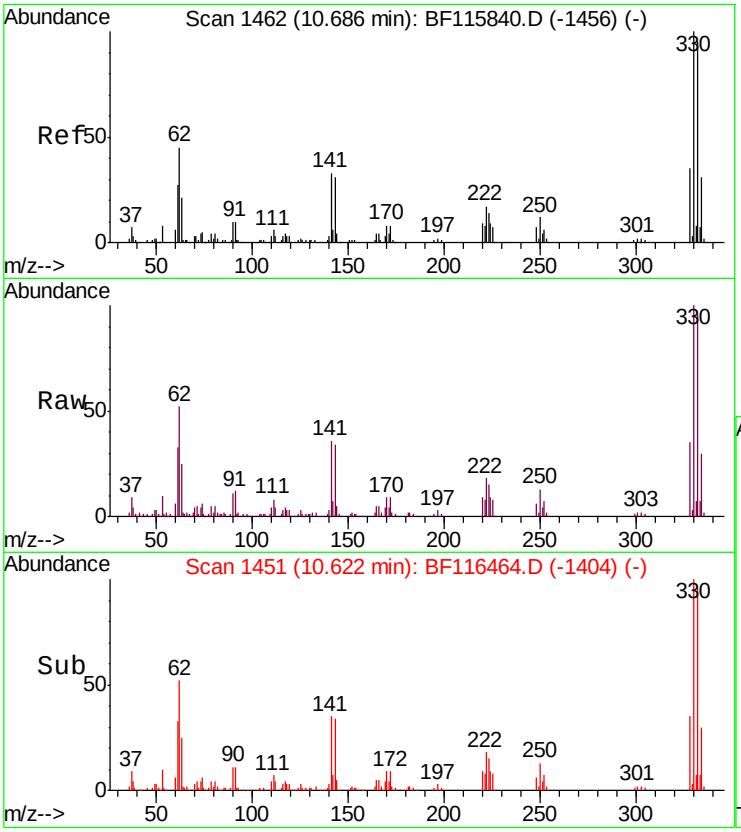


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BF116464.D
Acq: 21 Aug 2019 14:35

Tgt Ion:164 Resp: 179602

Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.6	124.0
160	45.5	37.6	56.4

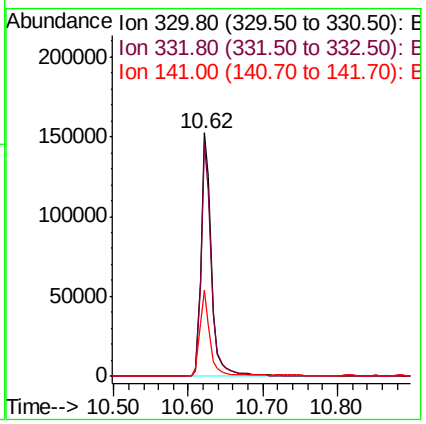




#42
2,4,6-Tribromophenol
Concen: 87.242 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.02 min
Lab File: BF116464.D
Acq: 21 Aug 2019 14:35

Tgt Ion:330 Resp: 151914

Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.8	115.2
141	33.8	26.3	39.5



Instrument :
BNA_F
ClientSampleId :
SUNSET-PARK-SB-5-COMP

Manual Integrations APPROVED
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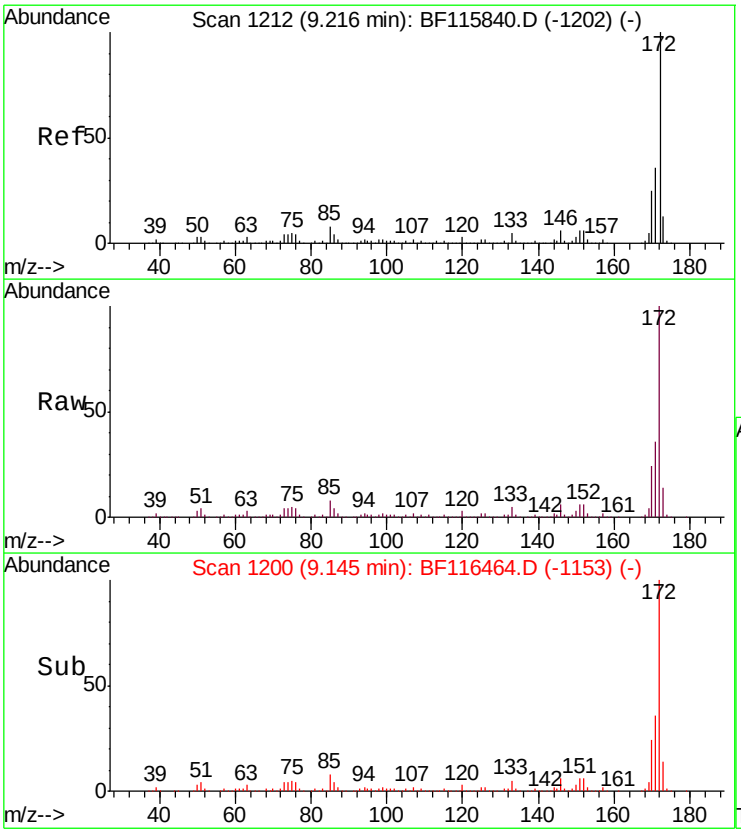
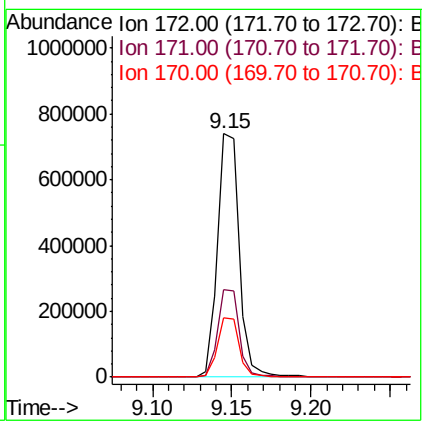
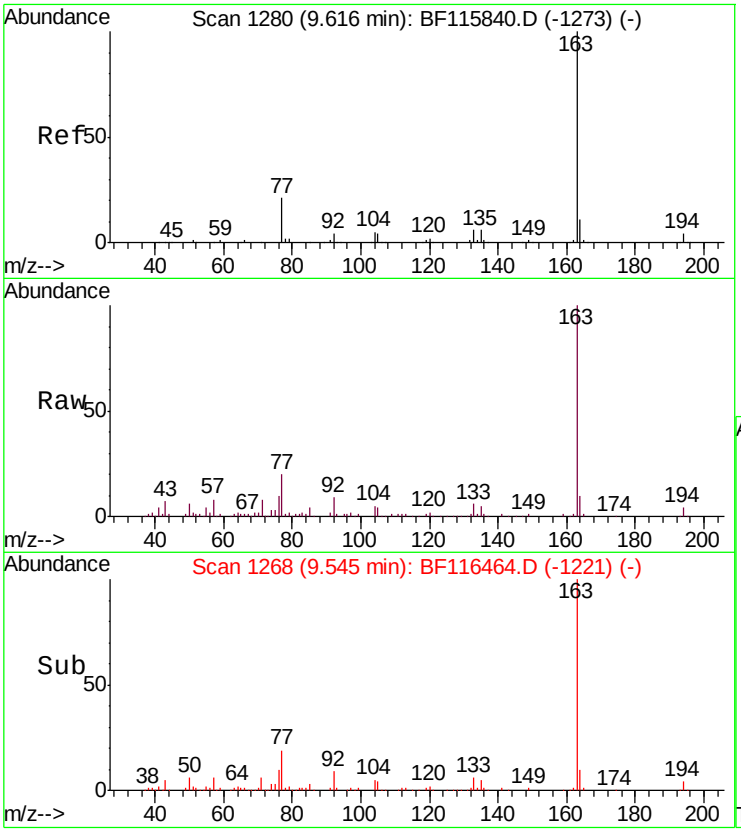


#45
2-Fluorobiphenyl
Concen: 73.333 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.02 min
Lab File: BF116464.D
Acq: 21 Aug 2019 14:35

Tgt Ion:172 Resp: 703164

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	24.4	20.1	30.1

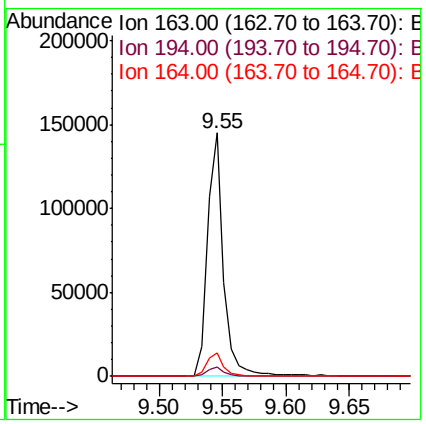




#50
Dimethylphthalate
Concen: 10.571 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF116464.D
Acq: 21 Aug 2019 14:35

Tgt Ion:163 Resp: 129270

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	9.7	8.4	12.6



Instrument :
BNA_F
ClientSampleId :
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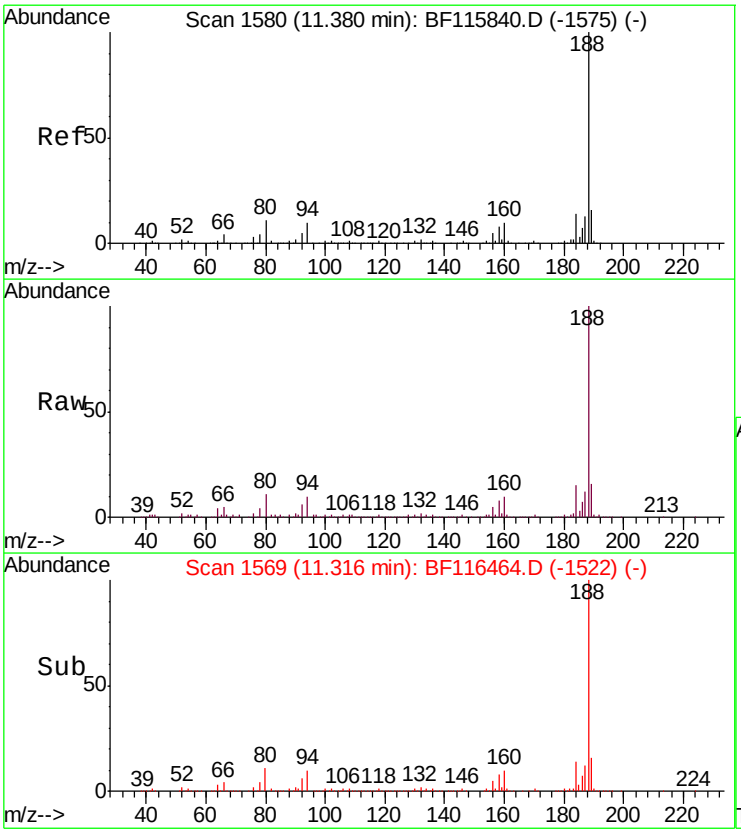
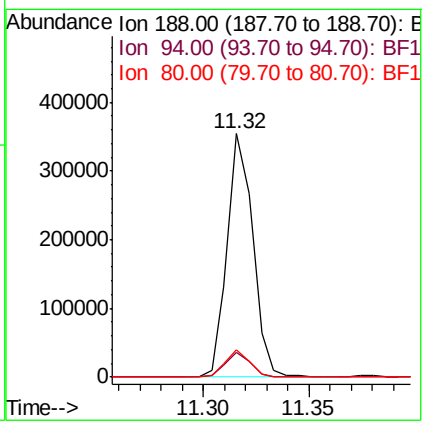
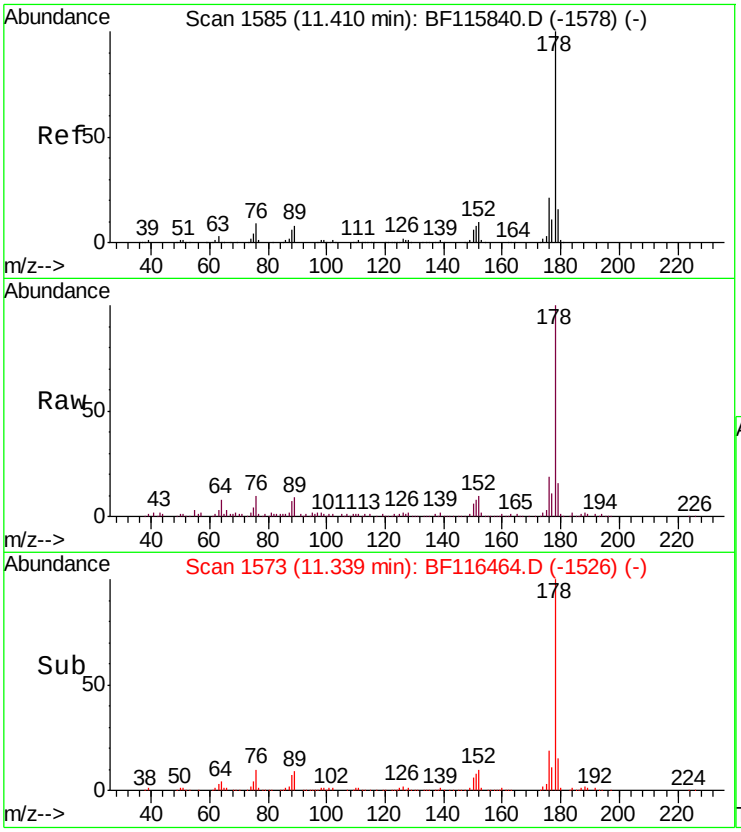


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BF116464.D
Acq: 21 Aug 2019 14:35

Tgt Ion:188 Resp: 298025

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.1	12.1
80	11.2	8.7	13.1

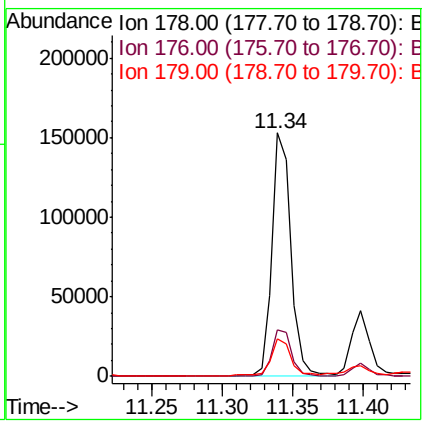




#71
Phenanthrene
Concen: 9.523 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.02 min
Lab File: BF116464.D
Acq: 21 Aug 2019 14:35

Tgt Ion:178 Resp: 145096

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.6	24.8
179	15.7	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
SUNSET-PARK-SB-5-COMP

Manual Integrations APPROVED
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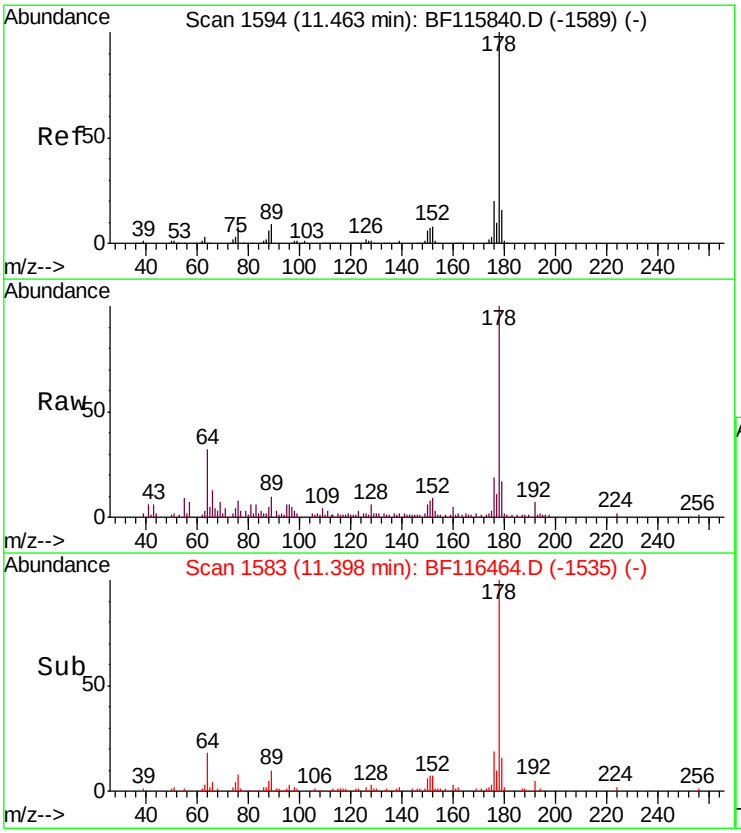
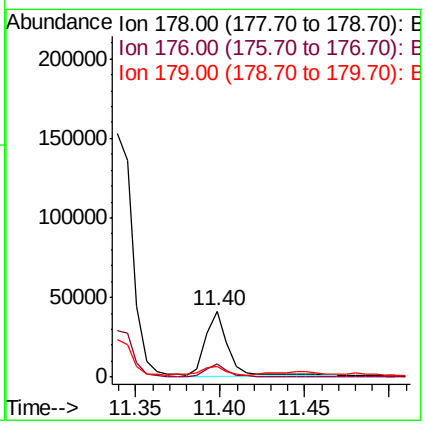
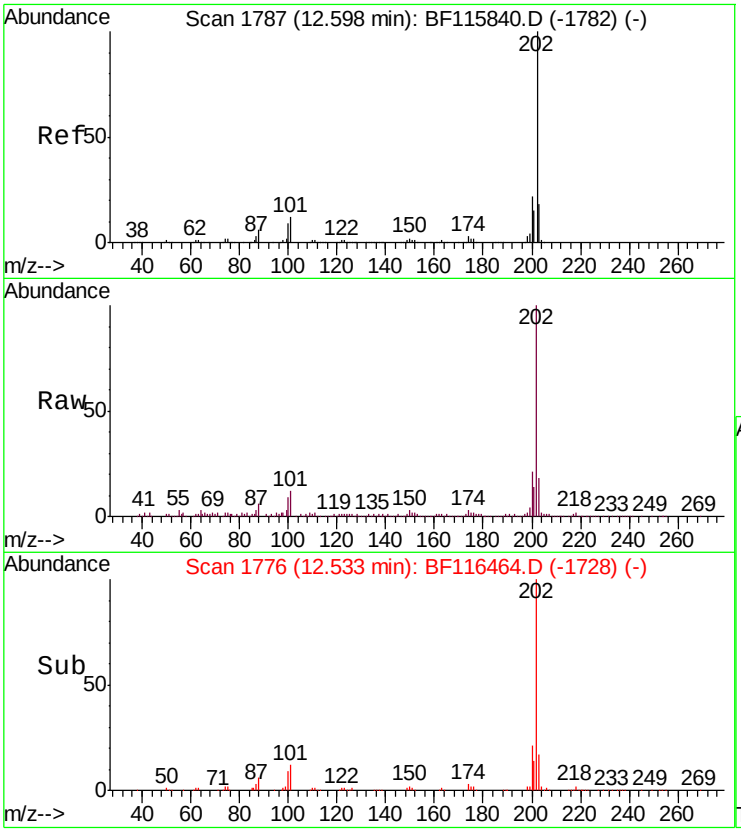


#72
Anthracene
Concen: 2.475 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.02 min
Lab File: BF116464.D
Acq: 21 Aug 2019 14:35

Tgt Ion:178 Resp: 38167

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.7	23.5
179	16.5	13.0	19.6

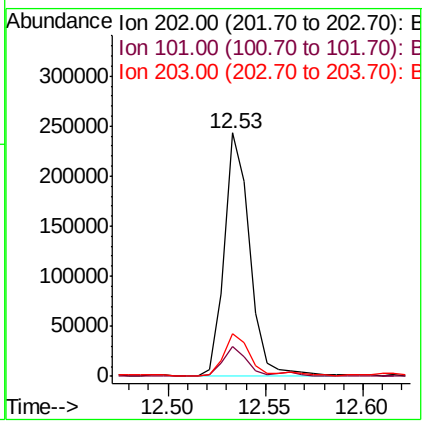




#75
Fluoranthene
Concen: 13.729 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.02 min
Lab File: BF116464.D
Acq: 21 Aug 2019 14:35

Tgt Ion:202 Resp: 218983

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	31.2
203	17.8	0.0	37.8



Instrument :
BNA_F
ClientSampleId :
SUNSET-PARK-SB-5-COMP

Manual Integrations APPROVED
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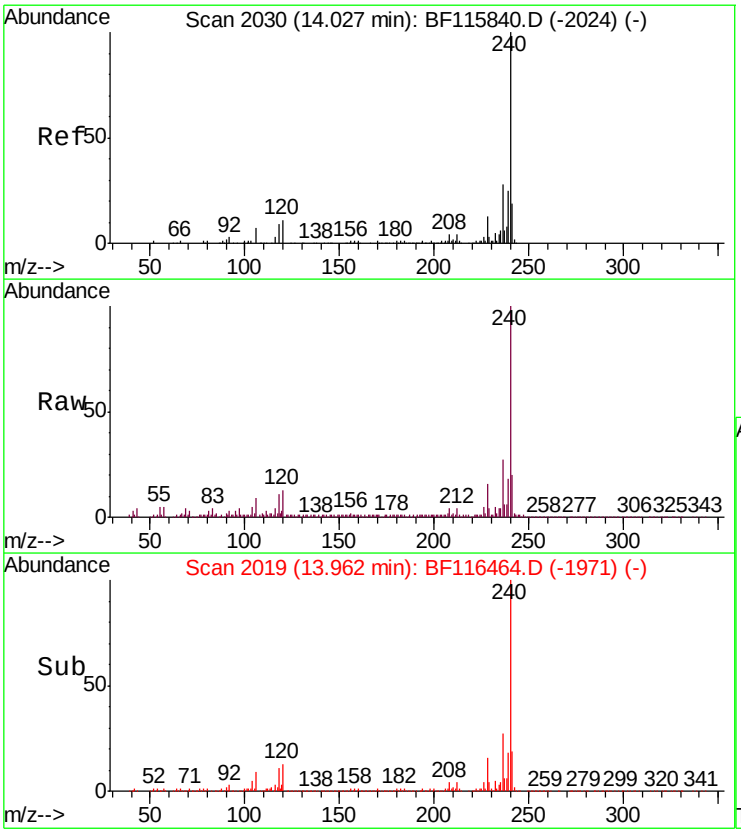
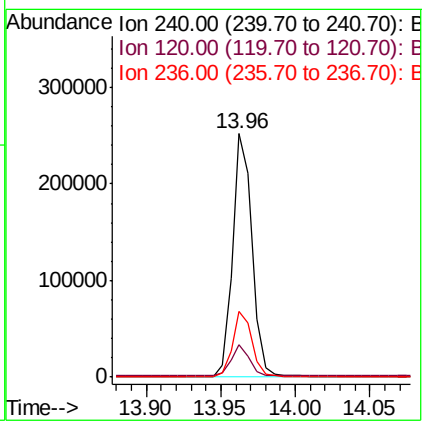
8/22/2019 1:57:53 PM

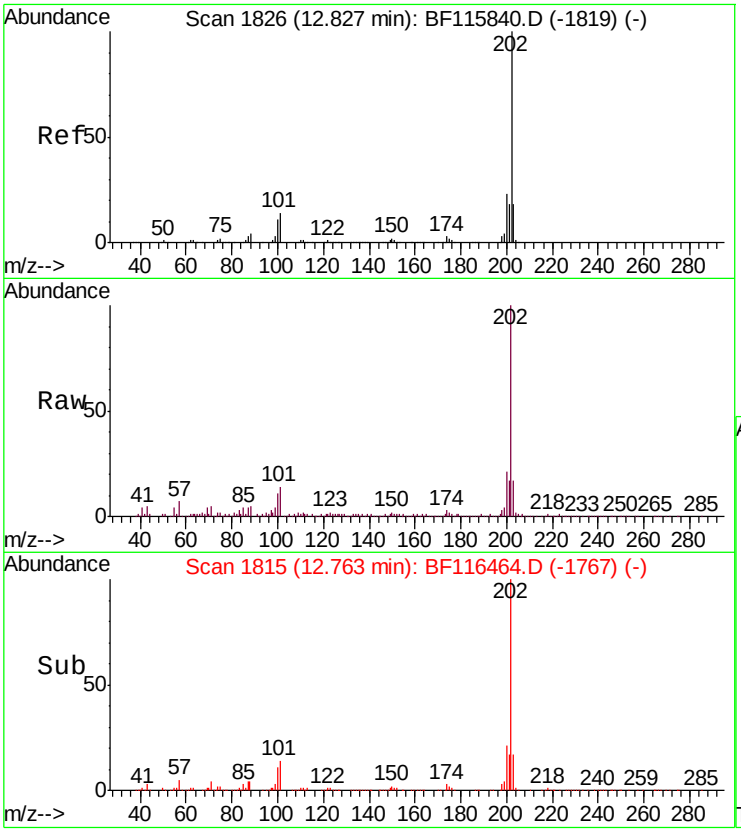


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF116464.D
Acq: 21 Aug 2019 14:35

Tgt Ion:240 Resp: 230313

Ion	Ratio	Lower	Upper
240	100		
120	13.3	10.7	16.1
236	27.0	22.2	33.2

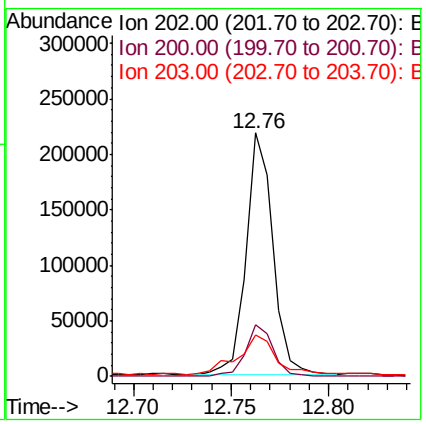




#78
Pyrene
Concen: 11.995 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.02 min
Lab File: BF116464.D
Acq: 21 Aug 2019 14:35

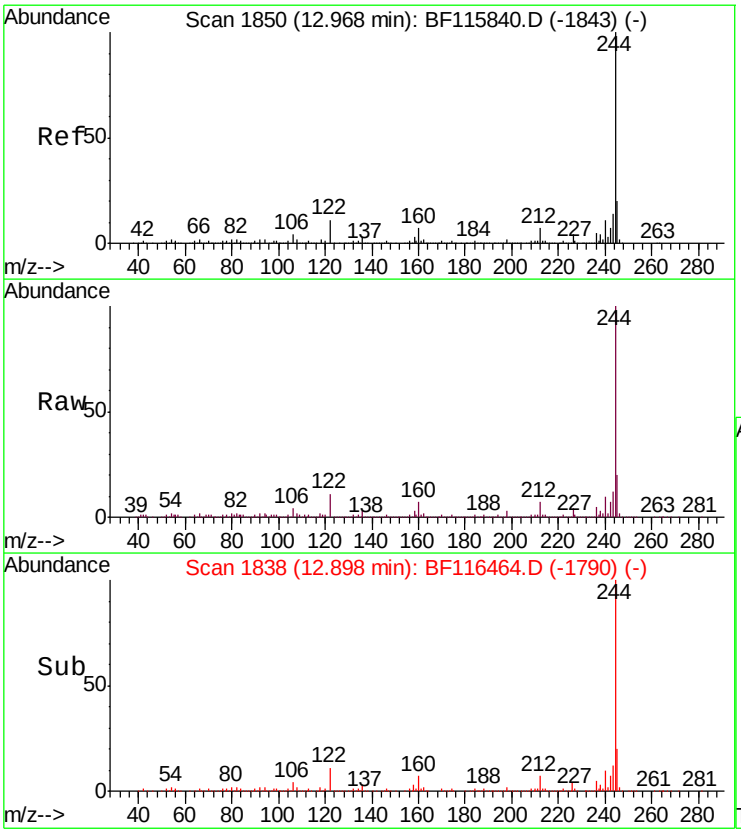
Tgt Ion:202 Resp: 208248

Ion	Ratio	Lower	Upper
202	100		
200	21.2	18.0	27.0
203	17.2	14.1	21.1



Instrument :
BNA_F
ClientSampleId :
SUNSET-PARK-SB-5-COMP

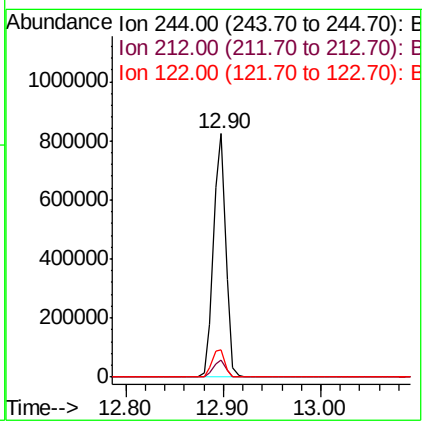
Manual Integrations APPROVED
Jagrut
8/22/2019 1:57:53 PM

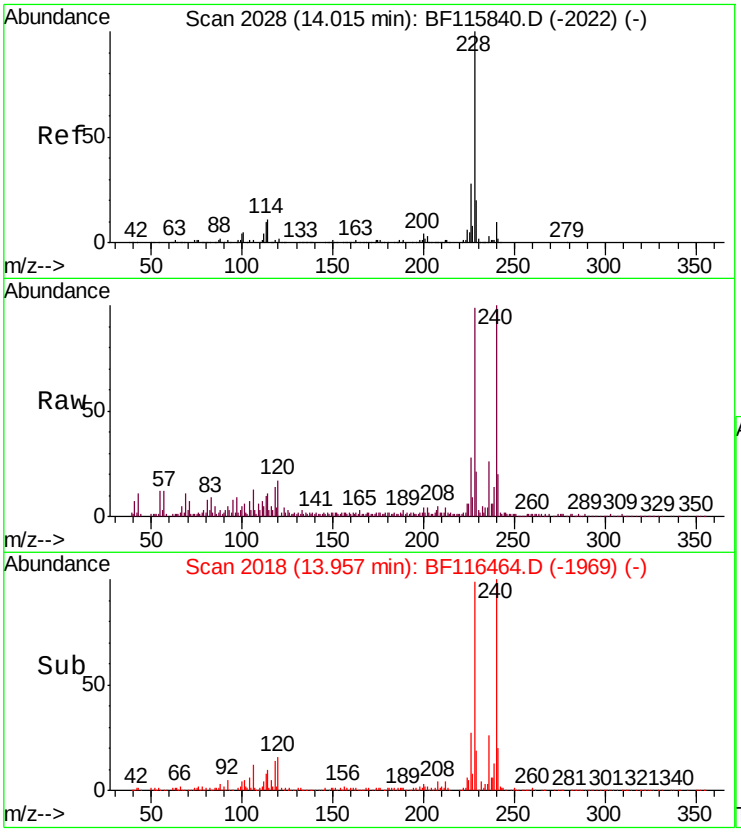


#79
Terphenyl-d14
Concen: 65.958 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.02 min
Lab File: BF116464.D
Acq: 21 Aug 2019 14:35

Tgt Ion:244 Resp: 720917

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	11.3	9.0	13.4

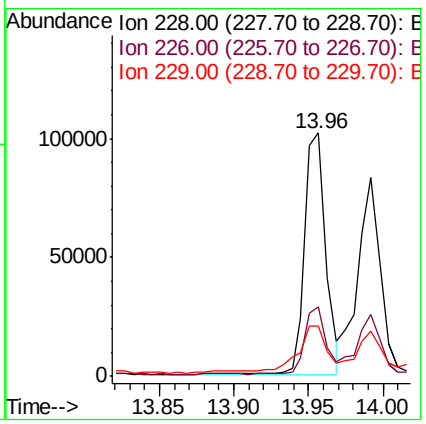




#81
Benzo(a)anthracene
Concen: 6.789 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF116464.D
Acq: 21 Aug 2019 14:35

Tgt Ion:228 Resp: 99937

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.7	34.1
229	20.8	16.2	24.4



Instrument :
BNA_F
ClientSampleId :
SUNSET-PARK-SB-5-COMP

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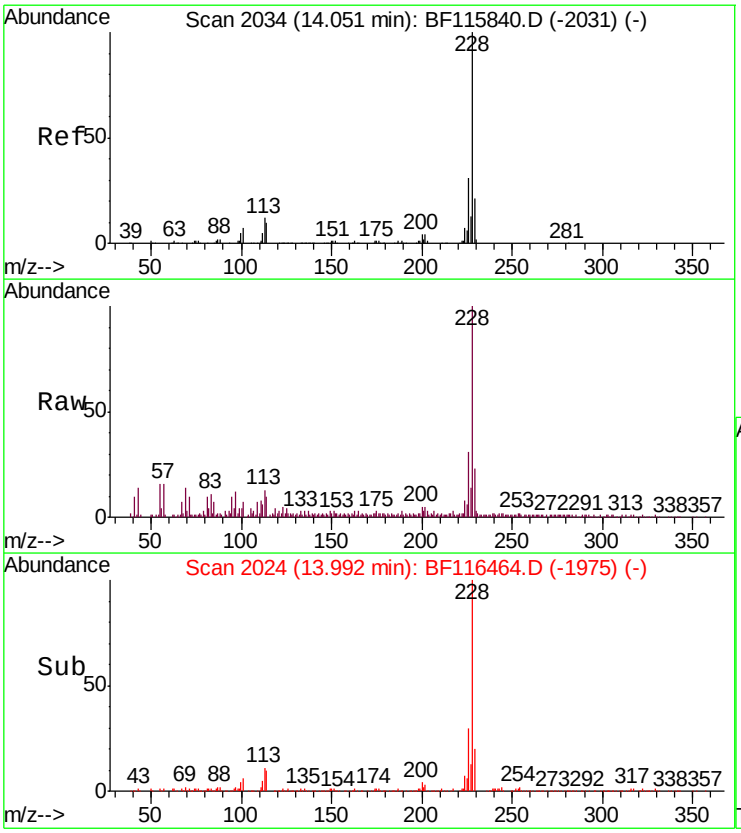
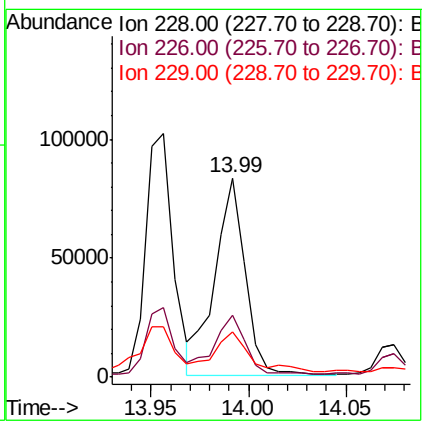
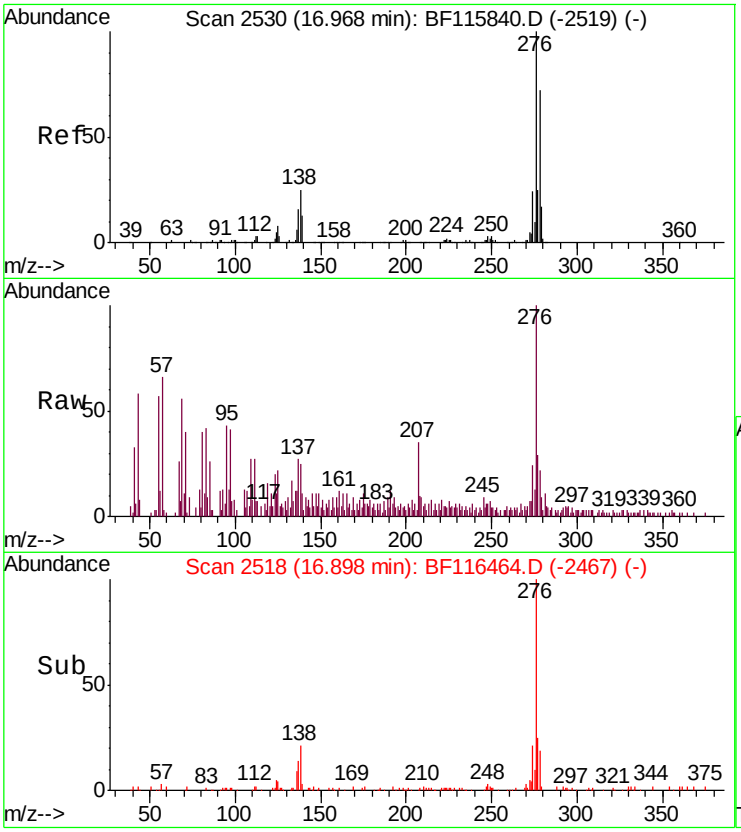


#83
Chrysene
Concen: 6.289 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116464.D
Acq: 21 Aug 2019 14:35

Tgt Ion:228 Resp: 89881

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.5	38.3
229	22.5	16.6	24.8

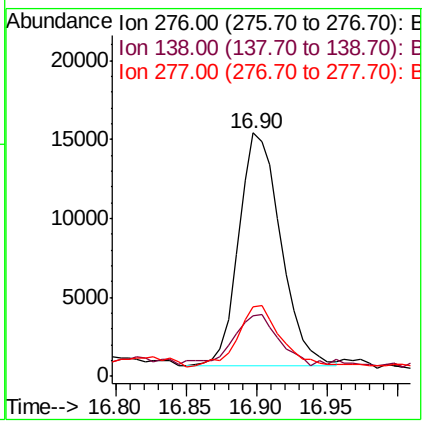




#86
Indeno(1,2,3-cd)pyrene
Concen: 2.580 ng
RT: 16.90 min Scan# 2518
Delta R.T. 0.00 min
Lab File: BF116464.D
Acq: 21 Aug 2019 14:35

Tgt Ion:276 Resp: 30969

Ion	Ratio	Lower	Upper
276	100		
138	24.1	20.4	30.6
277	28.5	20.0	30.0



Instrument :
BNA_F
ClientSampleId :
SUNSET-PARK-SB-5-COMP

Manual Integrations APPROVED
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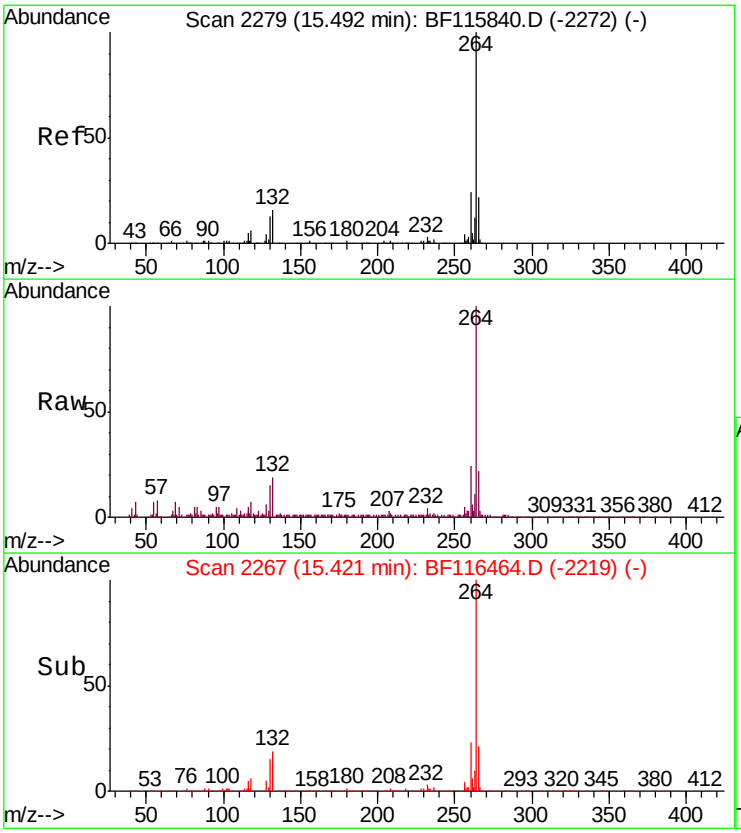
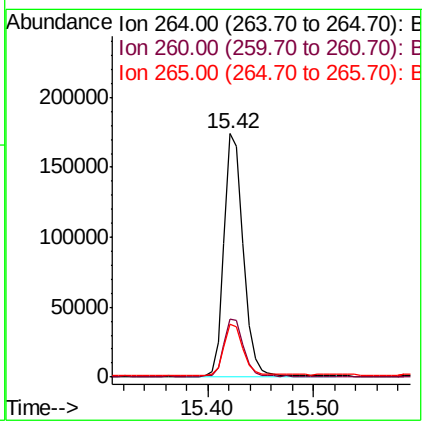
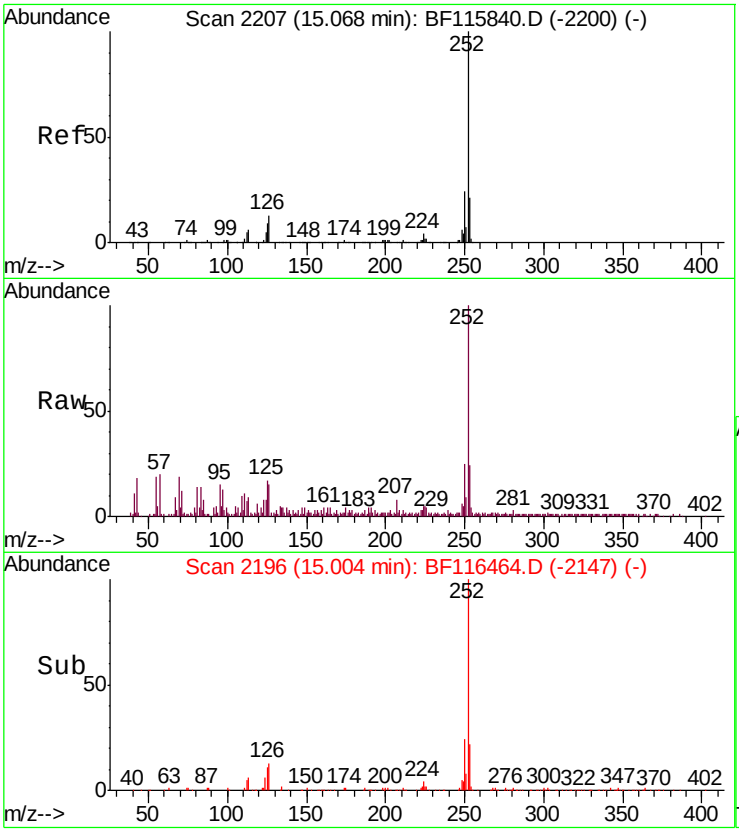


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF116464.D
Acq: 21 Aug 2019 14:35

Tgt Ion:264 Resp: 218449

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.7	29.5
265	21.5	17.4	26.0





#88
Benzo(b)fluoranthene
Concen: 7.563 ng m
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF116464.D
Acq: 21 Aug 2019 14:35

Tgt Ion:252 Resp: 95522

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.8	26.8
125	17.5	8.4	12.6#

Instrument :
BNA_F
ClientSampleId :
SUNSET-PARK-SB-5-COMP

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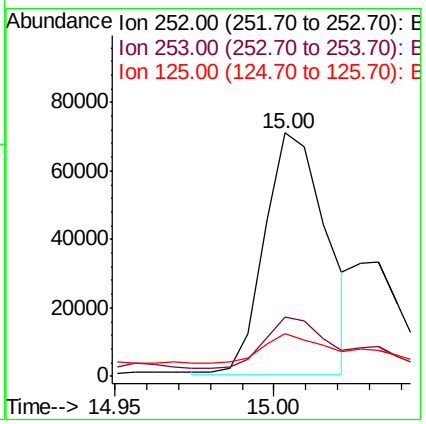
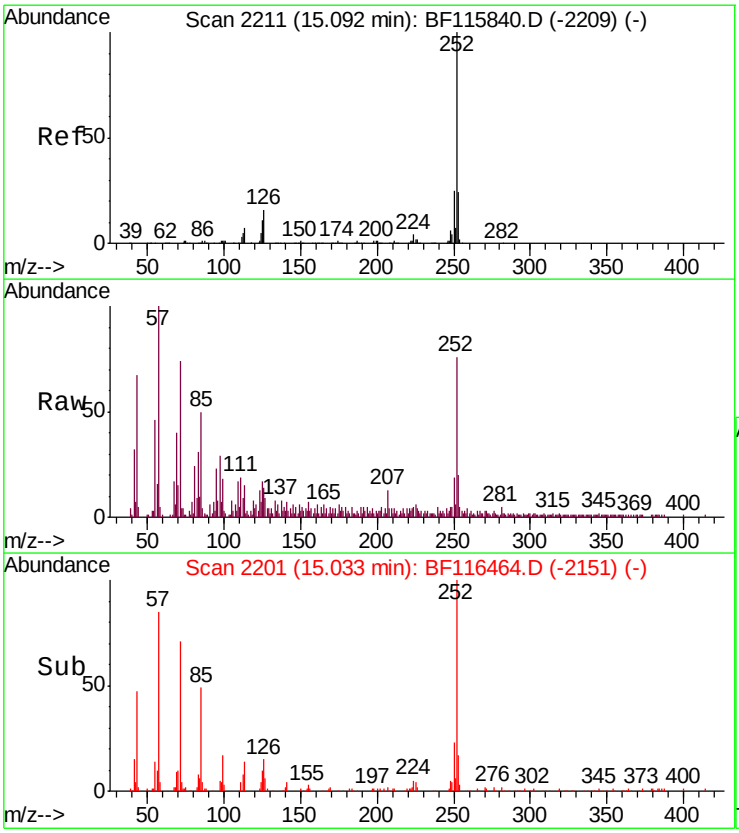
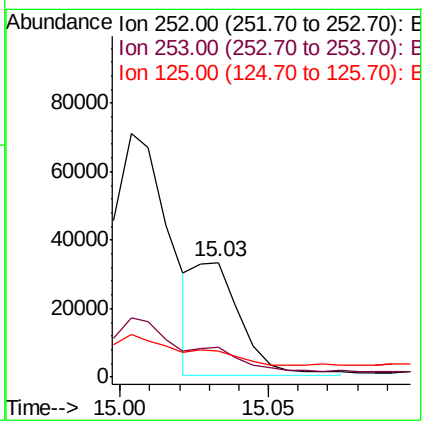


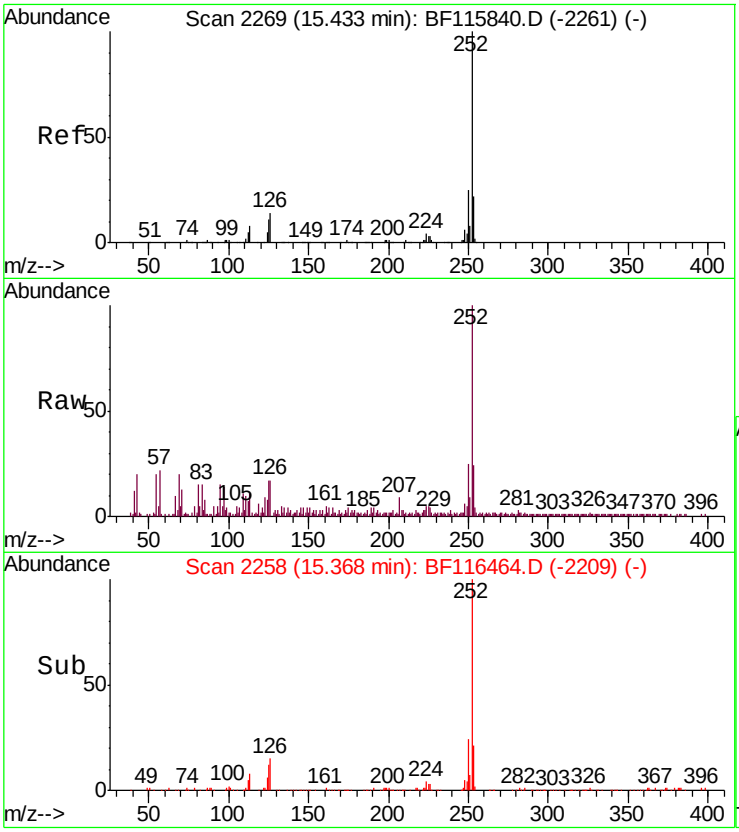


#89
Benzo(k)fluoranthene
Concen: 2.893 ng m
RT: 15.03 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF116464.D
Acq: 21 Aug 2019 14:35

Tgt Ion:252 Resp: 35593

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.8	26.8
125	23.0	7.7	11.5#

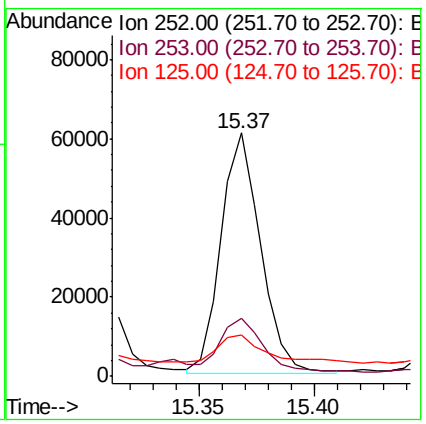




#90
Benzo(a)pyrene
Concen: 6.393 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BF116464.D
Acq: 21 Aug 2019 14:35

Tgt Ion:252 Resp: 72185

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.0	27.0
125	17.2	8.9	13.3#



Instrument :
BNA_F
ClientSampleId :
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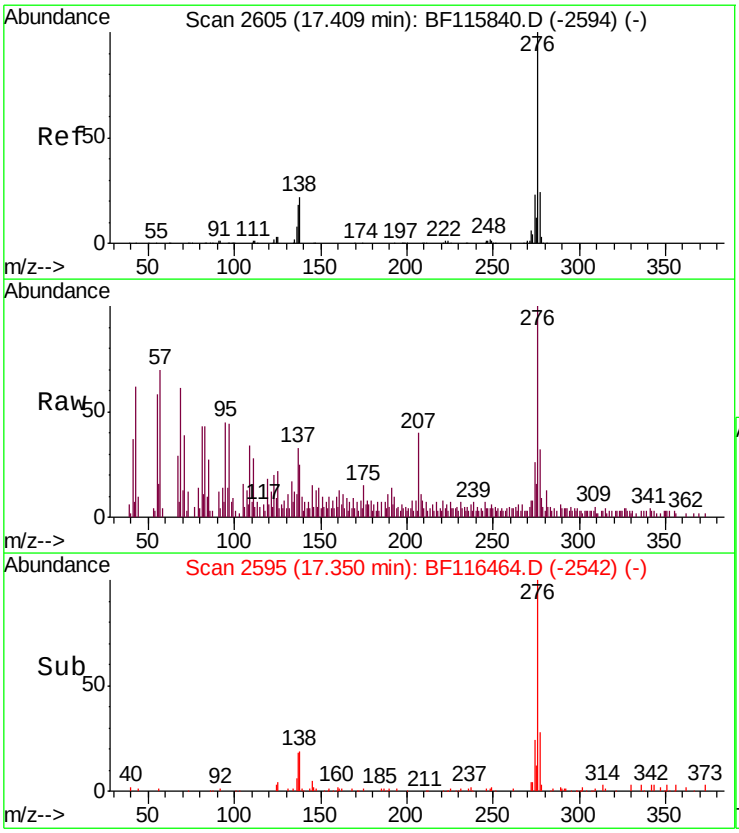

#92
Benzo(g,h,i)perylene
Concen: 3.085 ng
RT: 17.35 min Scan# 2595
Delta R.T. 0.01 min
Lab File: BF116464.D
Acq: 21 Aug 2019 14:35

Tgt Ion:276 Resp: 29616

Ion	Ratio	Lower	Upper
276	100		
277	32.4	18.4	27.6#
138	24.9	17.0	25.6