Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
Data File : BF114685.D
Acq On : 31 May 2019 2:32
Operator : HP/JU
Sample : K2642-07 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-052919

Manual Integrations APPROVED
mohammad
6/3/2019 8:47:59 AM

Quant Time: May 31 07:56:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 19:08:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	394604	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	1410667	20.00	ng		0.00
39) Acenaphthene-d10	9.72	164	617652	20.00	ng		0.00
64) Phenanthrene-d10	11.20	188	1110350	20.00	ng		0.00
76) Chrysene-d12	13.82	240	680778	20.00	ng		0.00
87) Perylene-d12	15.22	264	582601	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	1152324	51.27	ng		0.00
7) Phenol-d6	6.33	99	1393766	51.46	ng		0.00
23) Nitrobenzene-d5	7.25	82	773700	34.22	ng		0.00
42) 2,4,6-Tribromophenol	10.50	330	282031	47.92	ng		0.00
45) 2-Fluorobiphenyl	9.05	172	1427666	33.78	ng		0.00
79) Terphenyl-d14	12.78	244	1317997	36.40	ng		0.00
Target Compounds							Qvalue
50) Dimethylphthalate	9.45	163	219264	5.095	ng		98
71) Phenanthrene	11.22	178	266805	4.710	ng		96
75) Fluoranthene	12.40	202	716092	12.210	ng		96
78) Pyrene	12.63	202	720911	12.518	ng		98
81) Benzo(a)anthracene	13.81	228	344987	6.594	ng		95
83) Chrysene	13.84	228	325356	6.509	ng		95
86) Indeno(1,2,3-cd)pyrene	16.54	276	163246m	3.261	ng		
88) Benzo(b)fluoranthene	14.82	252	364018m	9.920	ng		
89) Benzo(k)fluoranthene	14.85	252	134848m	4.228	ng		
90) Benzo(a)pyrene	15.16	252	264399	8.202	ng	#	87
92) Benzo(g,h,i)perylene	16.94	276	161102	5.827	ng		97

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

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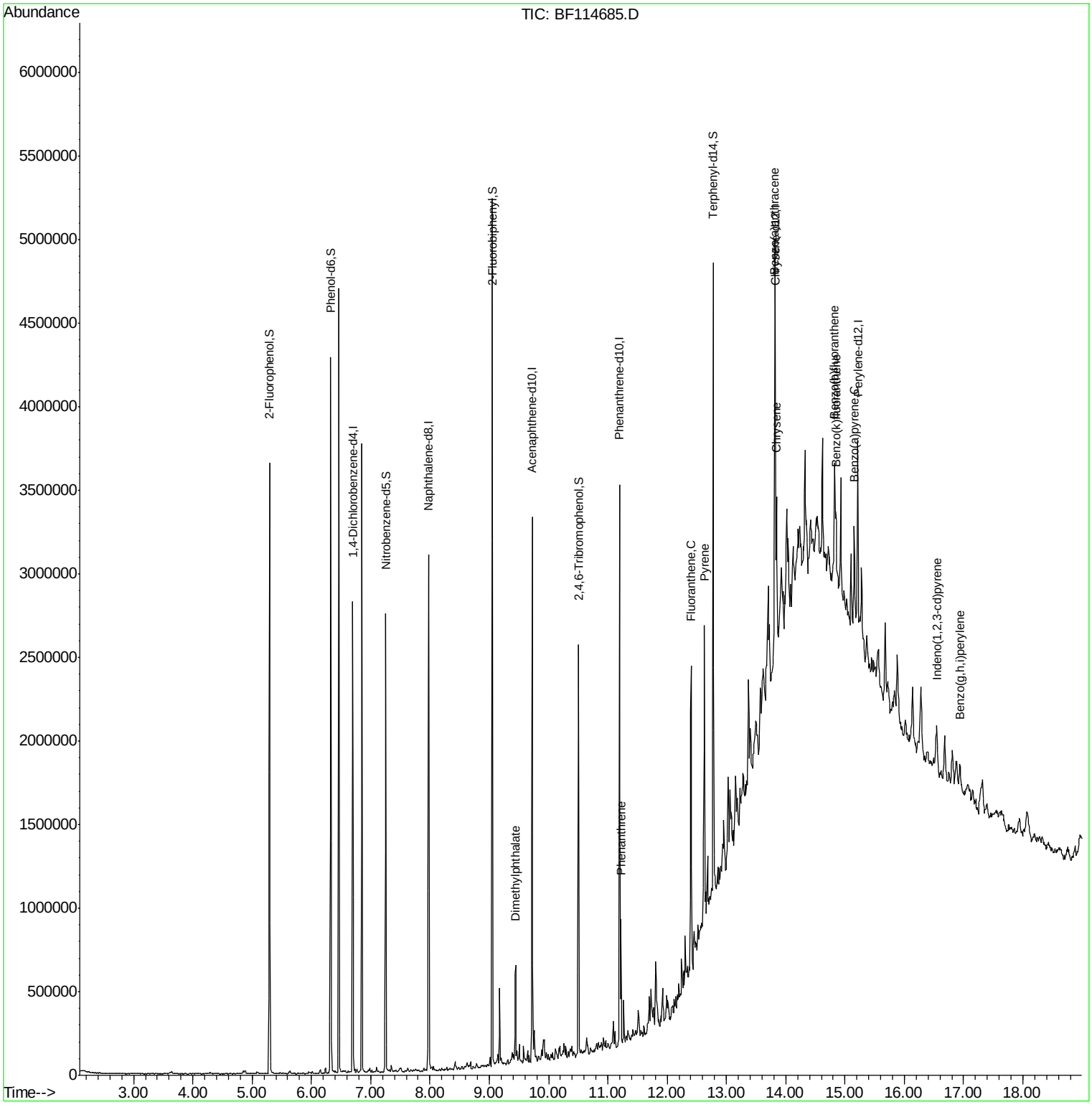
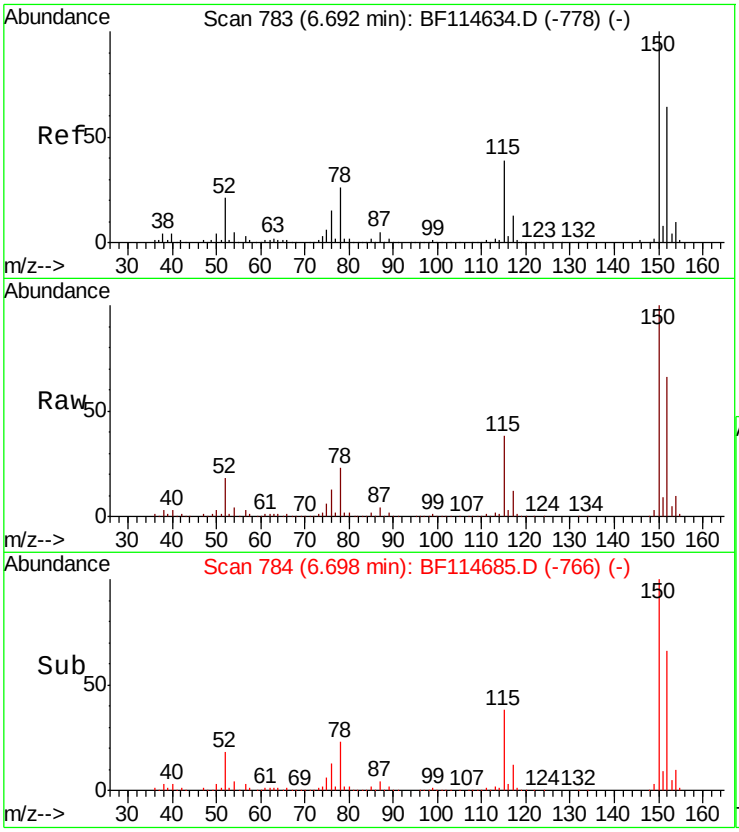
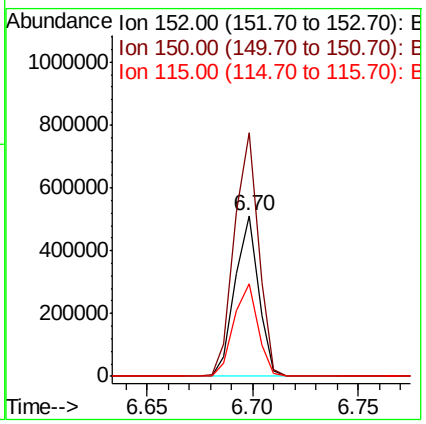




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF114685.D
Acq: 31 May 2019 2:32

Tgt Ion:152 Resp: 394604

Ion	Ratio	Lower	Upper
152	100		
150	151.5	124.4	186.6
115	57.6	48.7	73.1



Instrument :
BNA_F
ClientSampleId :
OK-02-052919

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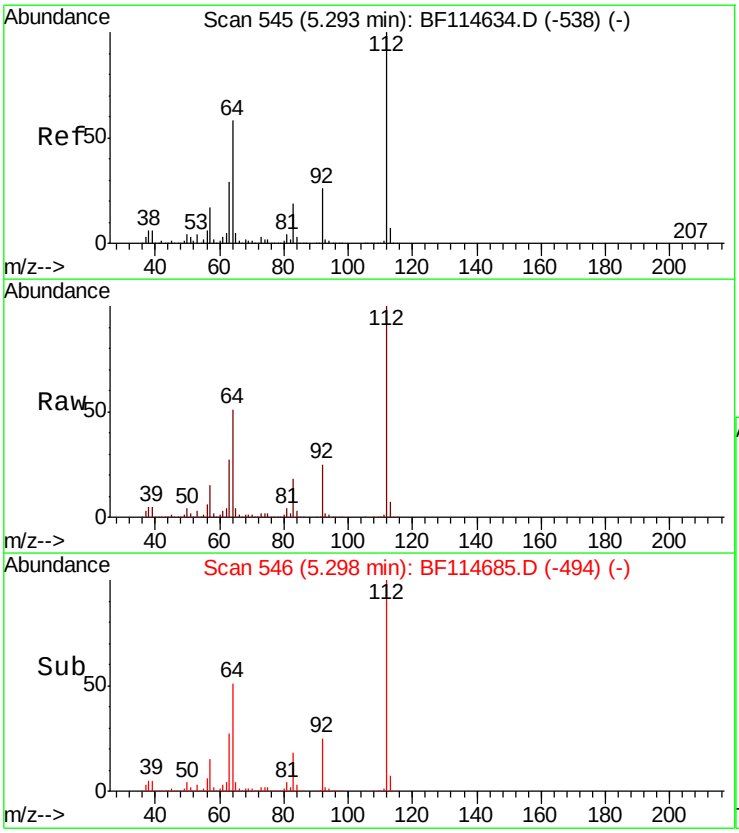
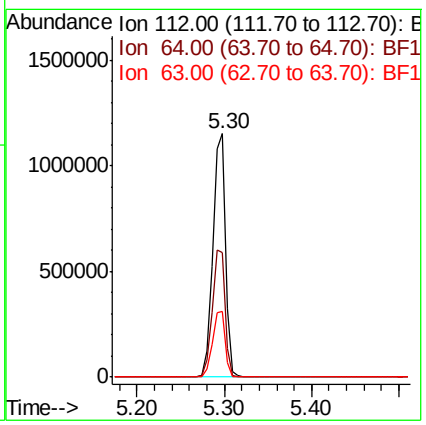
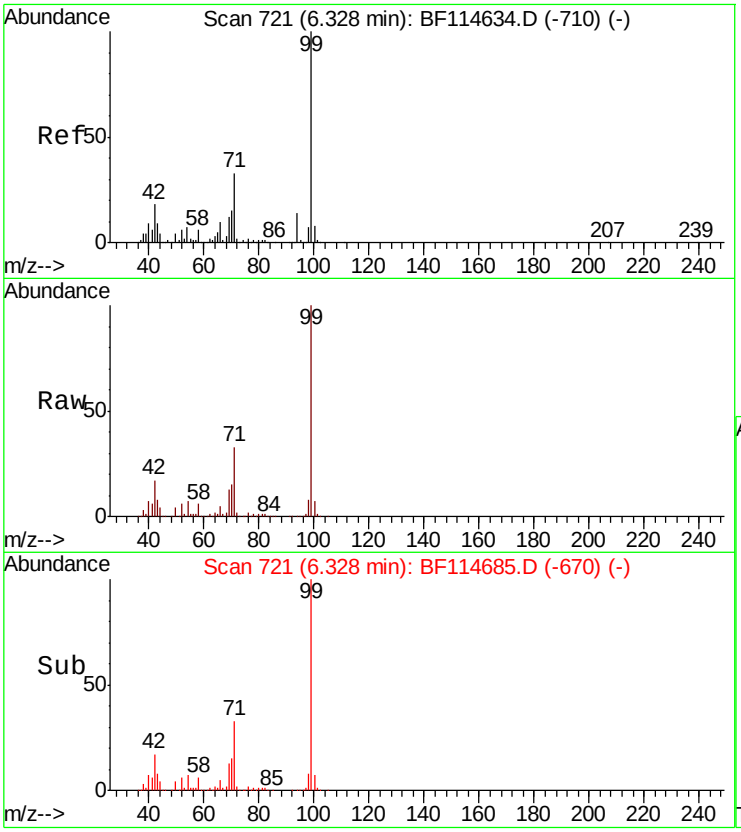


#5
2-Fluorophenol
Concen: 51.270 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.01 min
Lab File: BF114685.D
Acq: 31 May 2019 2:32

Tgt Ion:112 Resp: 1152324

Ion	Ratio	Lower	Upper
112	100		
64	51.2	46.1	69.1
63	26.8	23.4	35.2

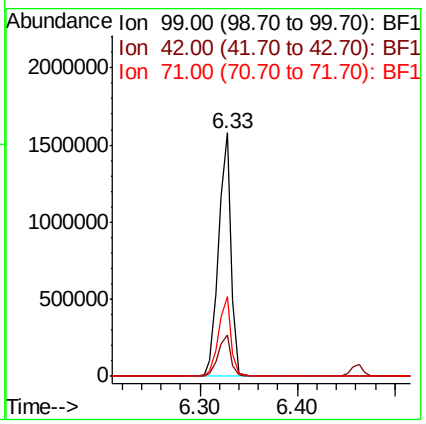




#7
Phenol-d6
Concen: 51.461 ng
RT: 6.33 min Scan# 721
Delta R.T. -0.00 min
Lab File: BF114685.D
Acq: 31 May 2019 2:32

Tgt Ion: 99 Resp: 1393766

Ion	Ratio	Lower	Upper
99	100		
42	16.9	14.7	22.1
71	33.0	26.6	40.0



Instrument :
BNA_F
ClientSampleId :
OK-02-052919

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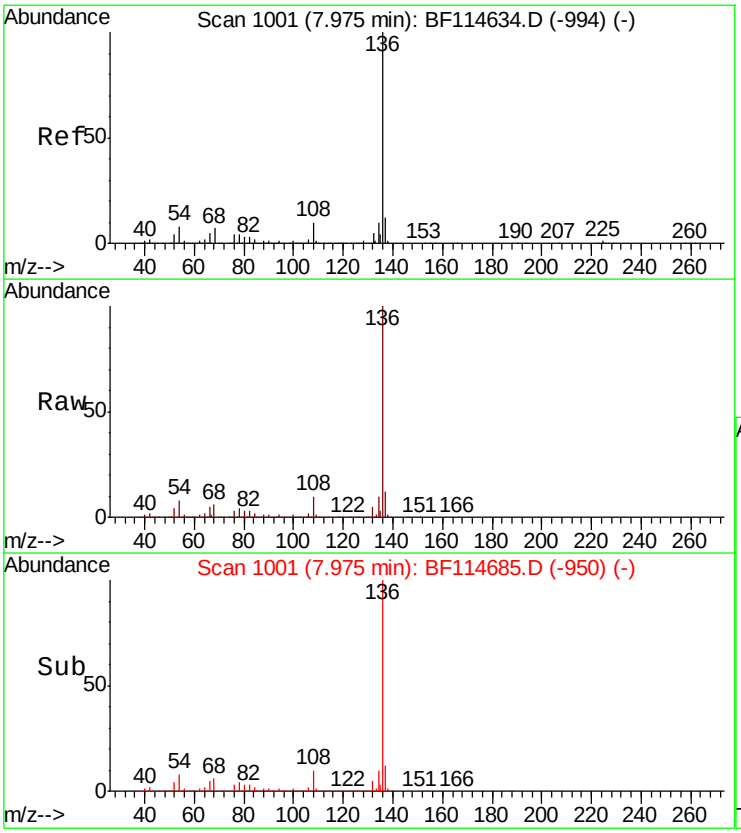
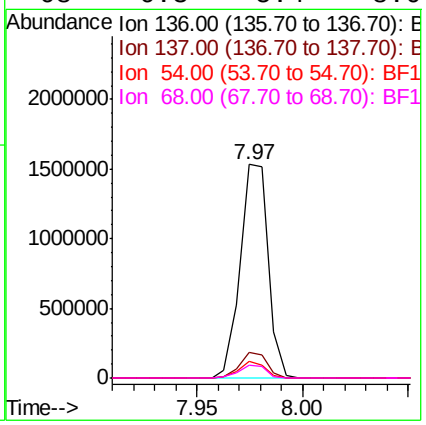
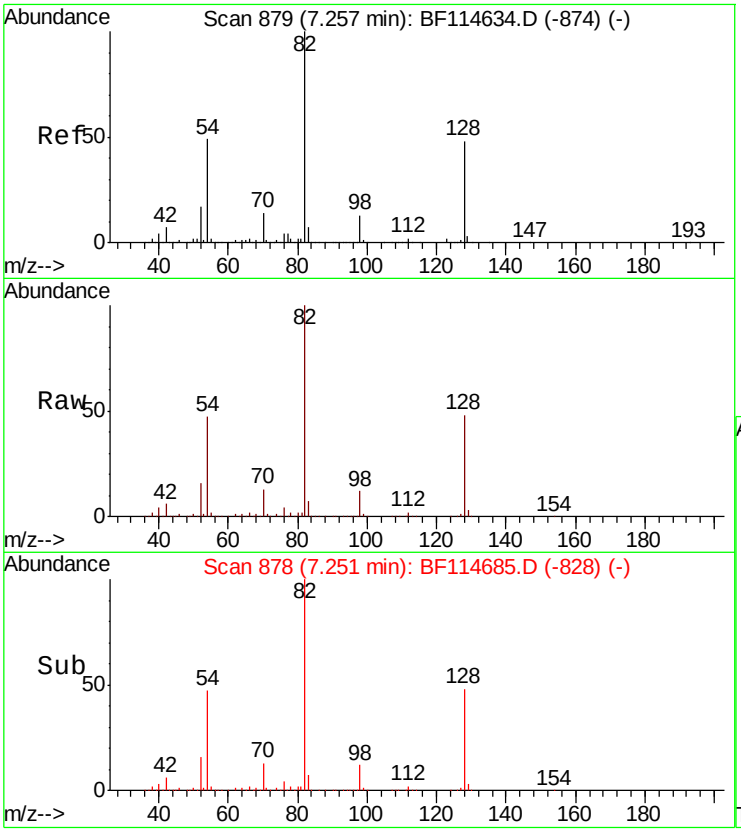


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF114685.D
Acq: 31 May 2019 2:32

Tgt Ion:136 Resp: 1410667

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.3	13.9
54	7.6	6.3	9.5
68	6.3	5.4	8.0

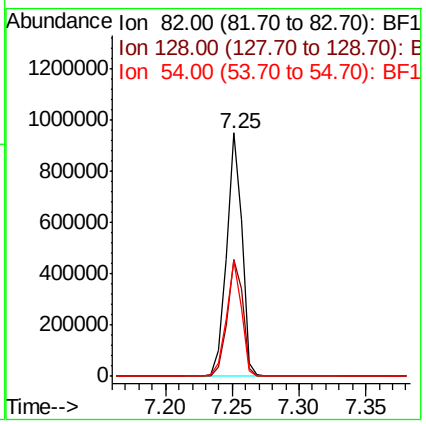




#23
Nitrobenzene-d5
Concen: 34.218 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF114685.D
Acq: 31 May 2019 2:32

Tgt Ion: 82 Resp: 773700

Ion	Ratio	Lower	Upper
82	100		
128	47.8	38.5	57.7
54	47.4	39.1	58.7



Instrument :
BNA_F
ClientSampleId :
OK-02-052919

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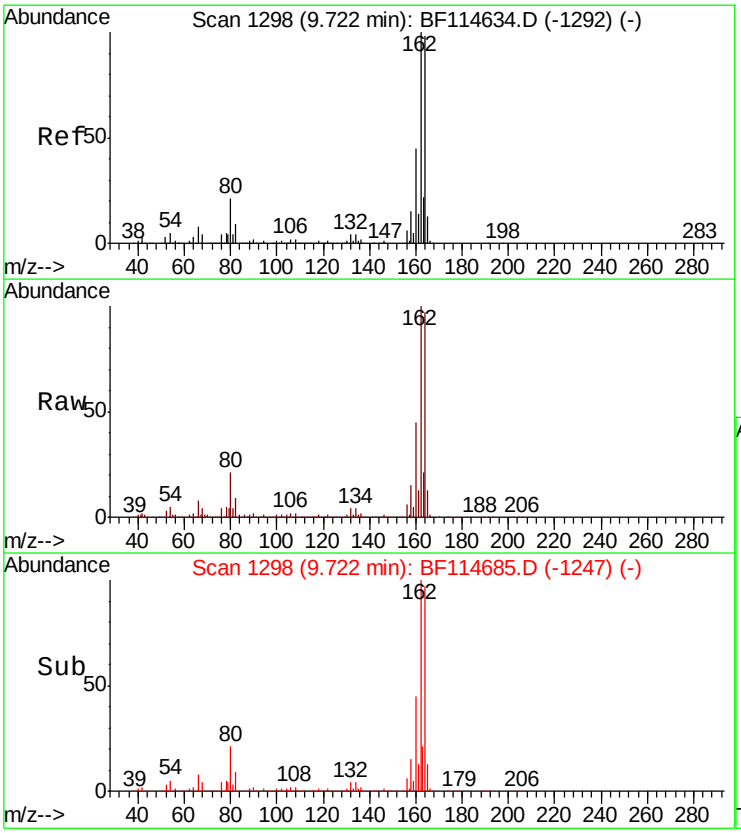
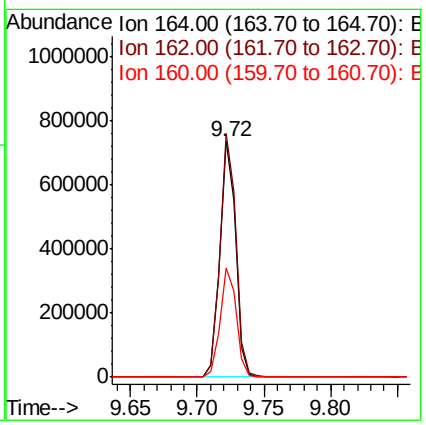
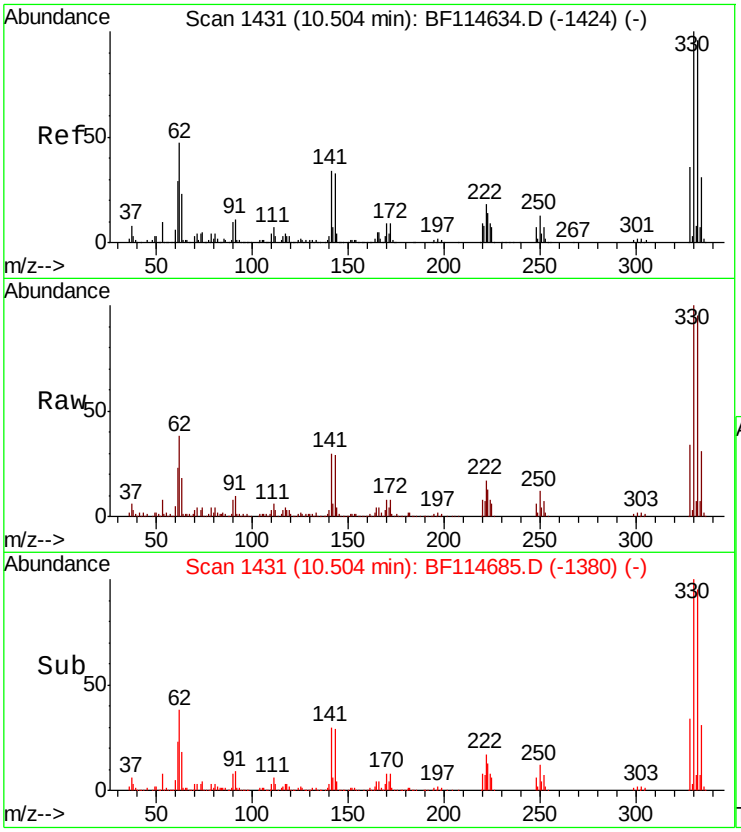


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF114685.D
Acq: 31 May 2019 2:32

Tgt Ion:164 Resp: 617652

Ion	Ratio	Lower	Upper
164	100		
162	103.4	81.4	122.2
160	46.2	36.6	54.8

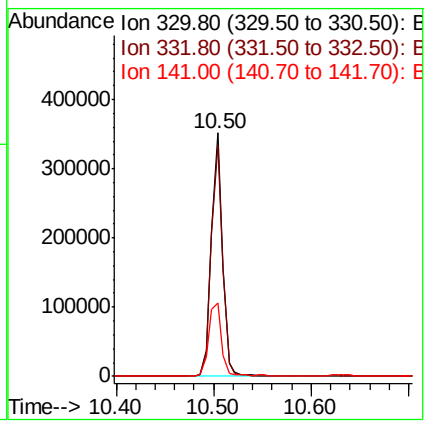




#42
2,4,6-Tribromophenol
Concen: 47.922 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF114685.D
Acq: 31 May 2019 2:32

Tgt Ion:330 Resp: 282031

Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.8	113.8
141	34.2	27.8	41.8



Instrument :
BNA_F
ClientSampleId :
OK-02-052919

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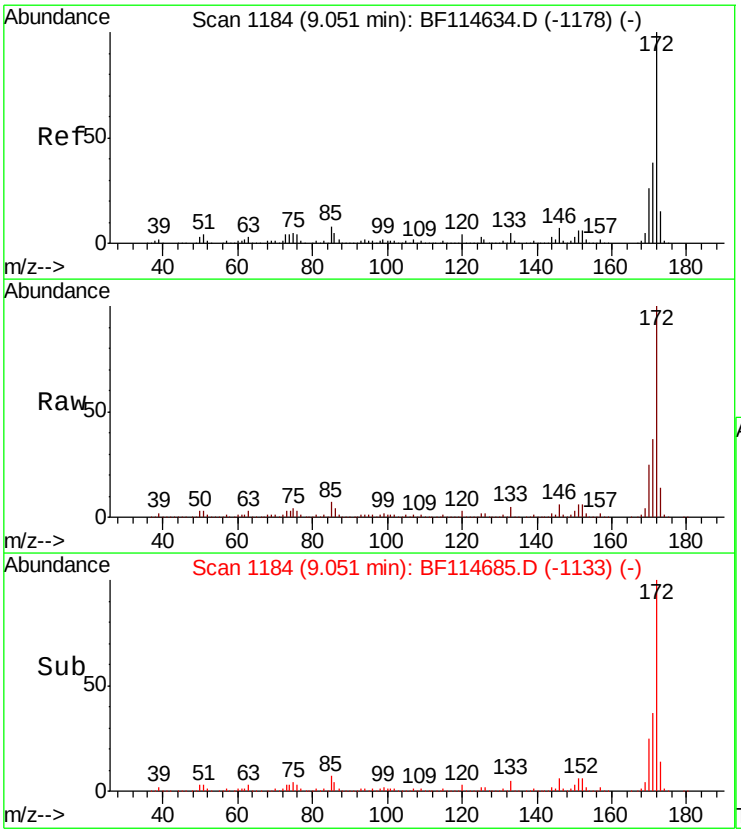
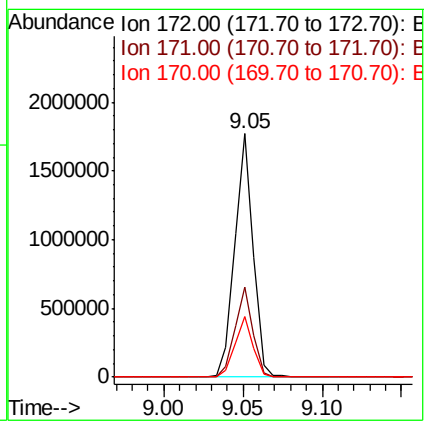
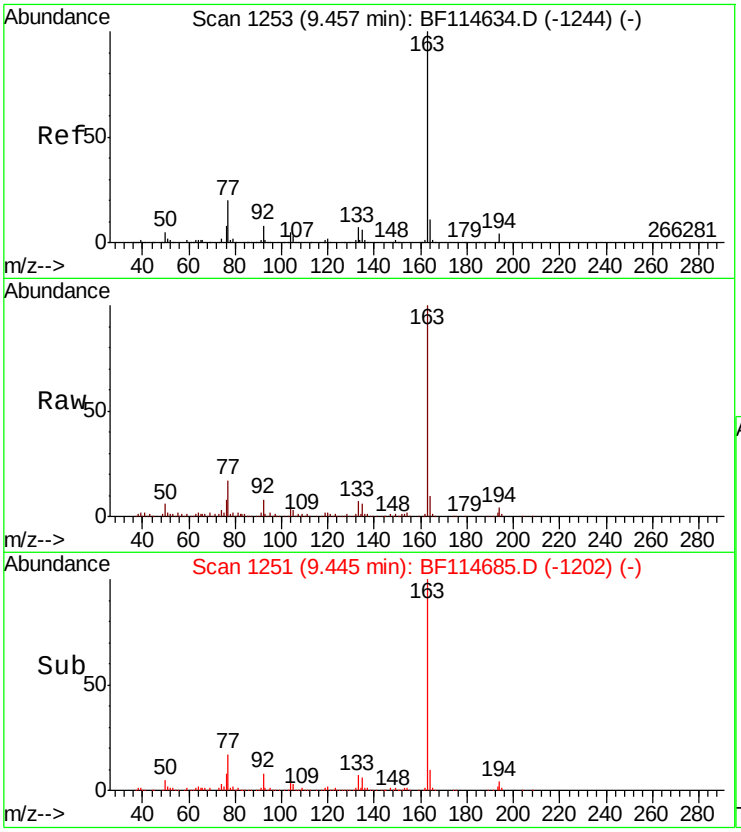


#45
2-Fluorobiphenyl
Concen: 33.777 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF114685.D
Acq: 31 May 2019 2:32

Tgt Ion:172 Resp: 1427666

Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.6	45.8
170	24.9	20.7	31.1

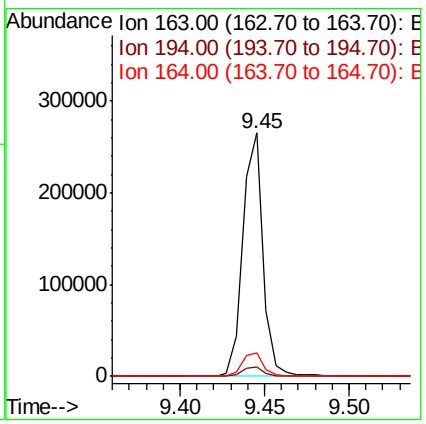




#50
Dimethylphthalate
Concen: 5.095 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BF114685.D
Acq: 31 May 2019 2:32

Tgt Ion:163 Resp: 219264

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	9.9	8.6	13.0



Instrument :
BNA_F
ClientSampleId :
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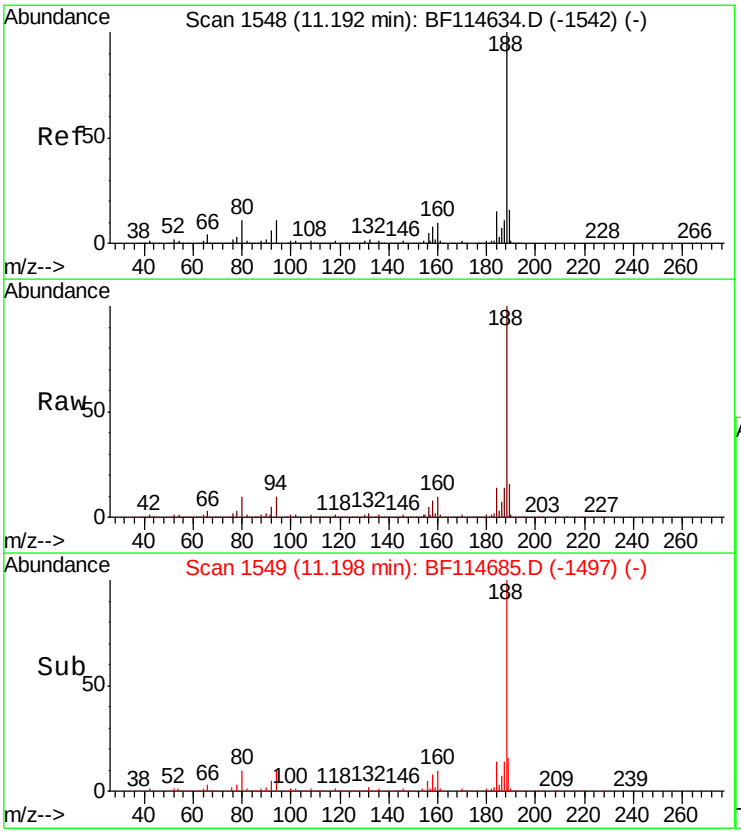
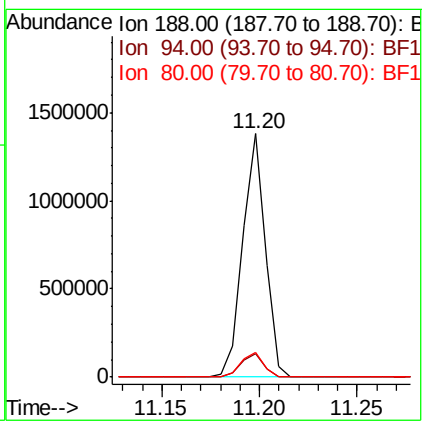
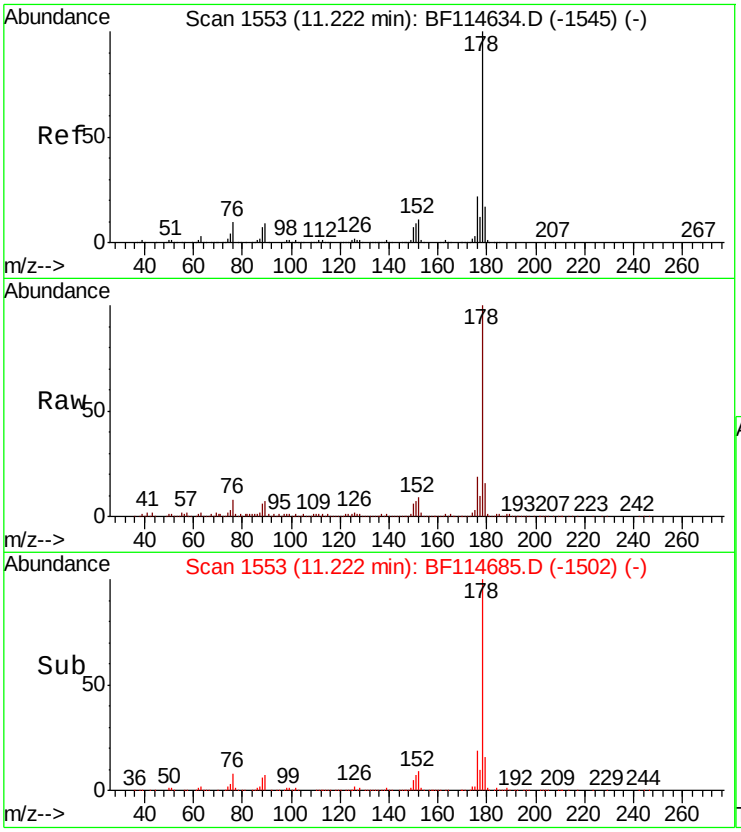


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BF114685.D
Acq: 31 May 2019 2:32

Tgt Ion:188 Resp: 1110350

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.6	13.0
80	10.0	9.0	13.6

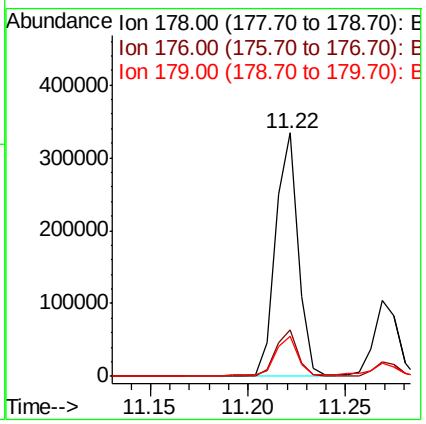




#71
Phenanthrene
Concen: 4.710 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BF114685.D
Acq: 31 May 2019 2:32

Tgt Ion:178 Resp: 266805

Ion	Ratio	Lower	Upper
178	100		
176	19.3	17.2	25.8
179	16.3	13.9	20.9



Instrument :
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ClientSampleId :
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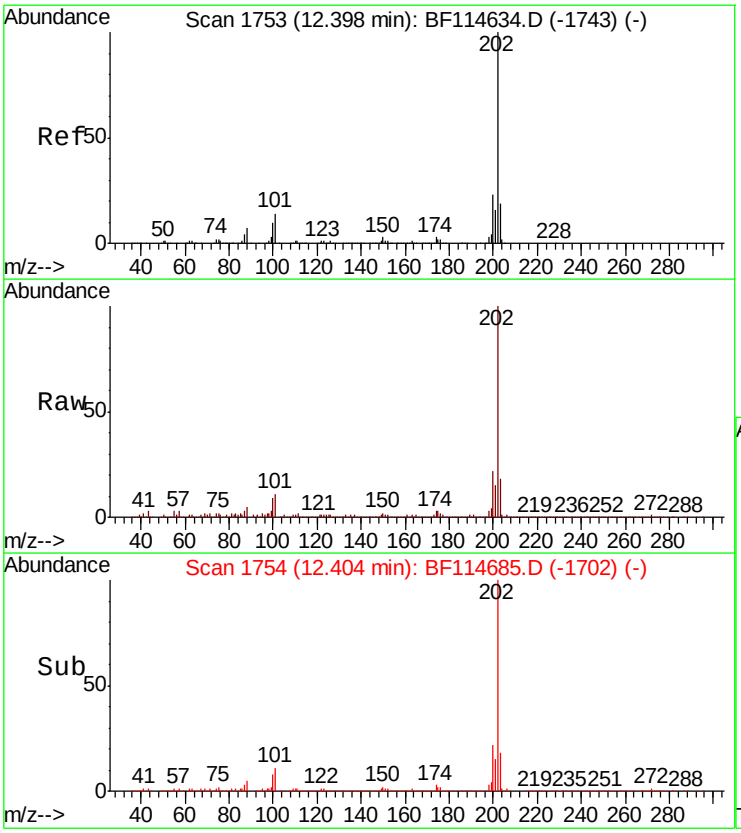
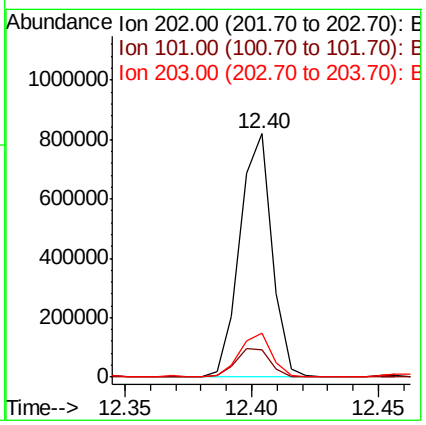
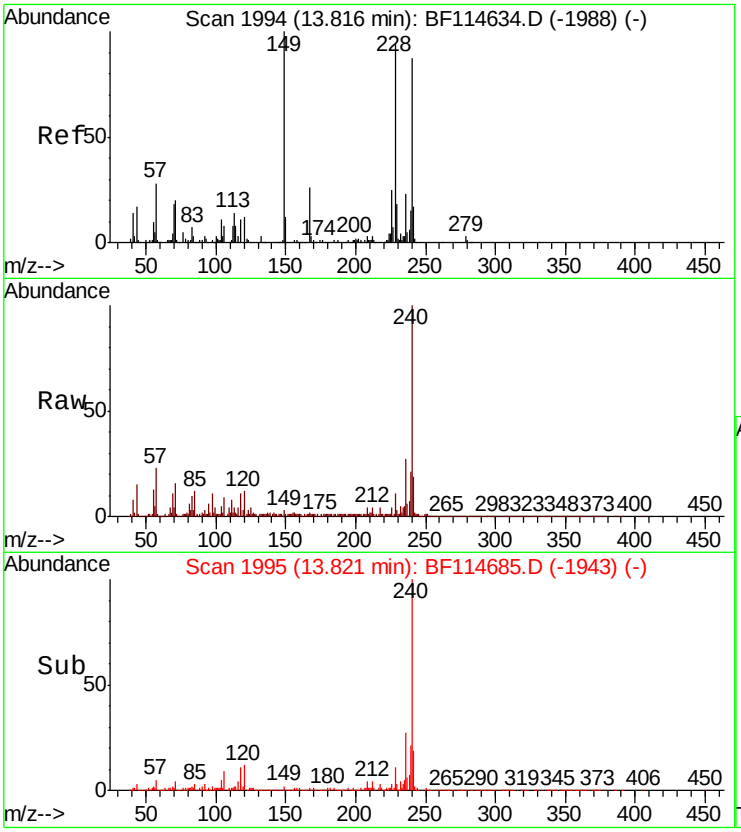


#75
Fluoranthene
Concen: 12.210 ng
RT: 12.40 min Scan# 1754
Delta R.T. 0.01 min
Lab File: BF114685.D
Acq: 31 May 2019 2:32

Tgt Ion:202 Resp: 716092

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	33.9
203	18.2	0.0	39.1

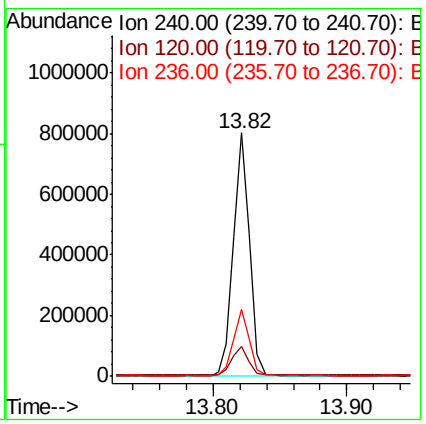




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. 0.01 min
Lab File: BF114685.D
Acq: 31 May 2019 2:32

Tgt Ion:240 Resp: 680778

Ion	Ratio	Lower	Upper
240	100		
120	12.2	11.2	16.8
236	27.3	21.2	31.8



Instrument :
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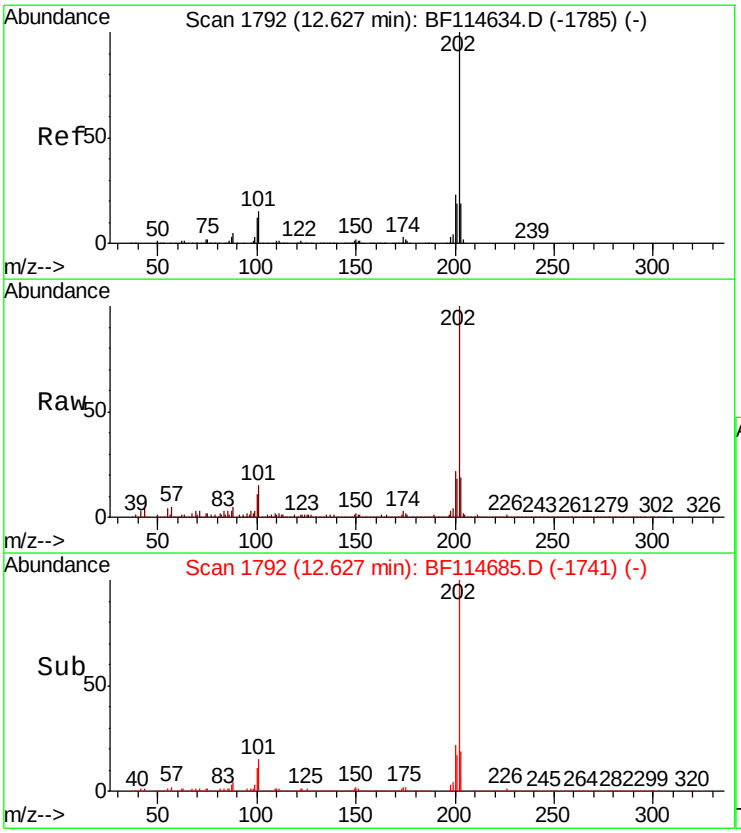
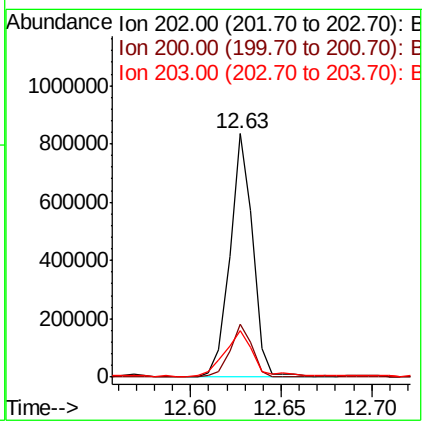
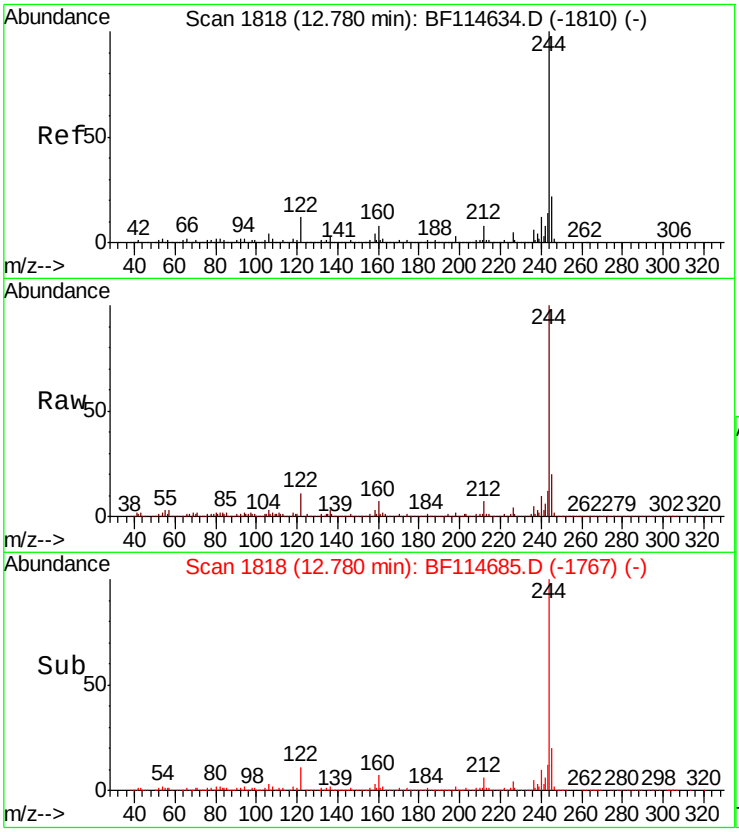


#78
Pyrene
Concen: 12.518 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.00 min
Lab File: BF114685.D
Acq: 31 May 2019 2:32

Tgt Ion:202 Resp: 720911

Ion	Ratio	Lower	Upper
202	100		
200	21.8	18.6	28.0
203	18.9	15.4	23.2

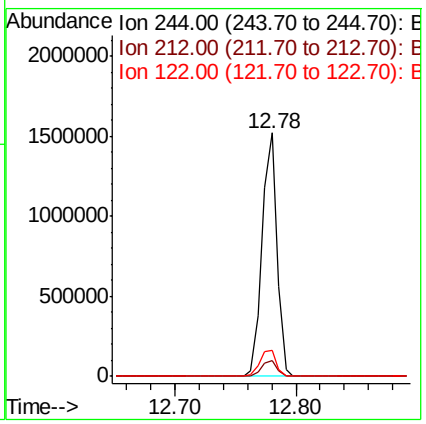




#79
Terphenyl-d14
Concen: 36.400 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF114685.D
Acq: 31 May 2019 2:32

Tgt Ion:244 Resp: 1317997

Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.1	9.1
122	10.9	9.8	14.8



Instrument :
BNA_F
ClientSampleId :
OK-02-052919

Manual Integrations APPROVED
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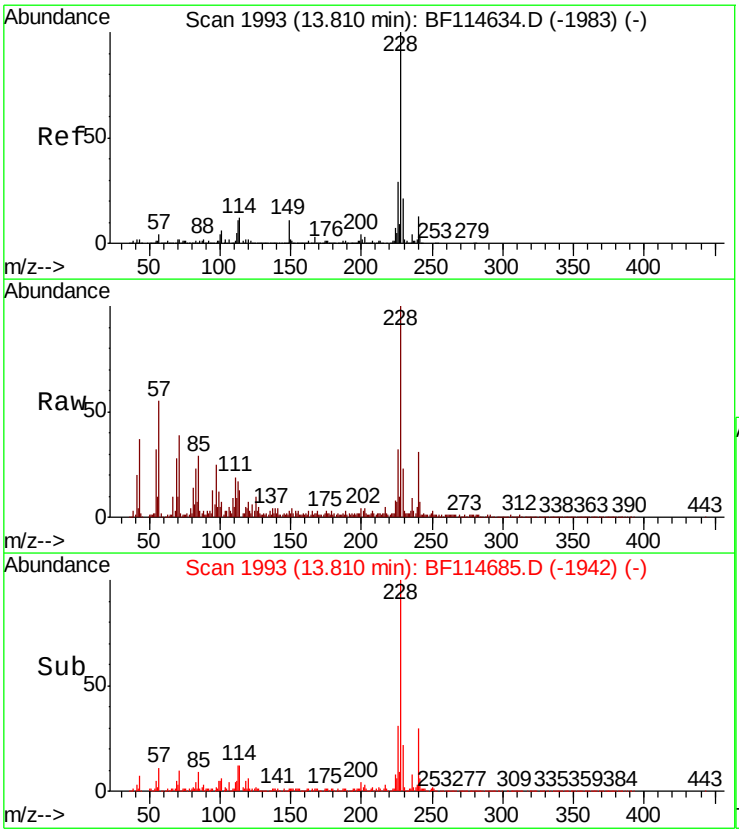
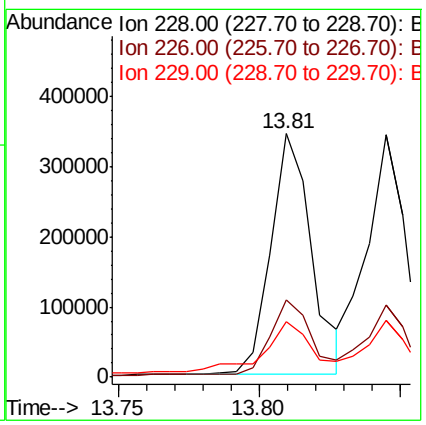
6/3/2019 8:47:59 AM

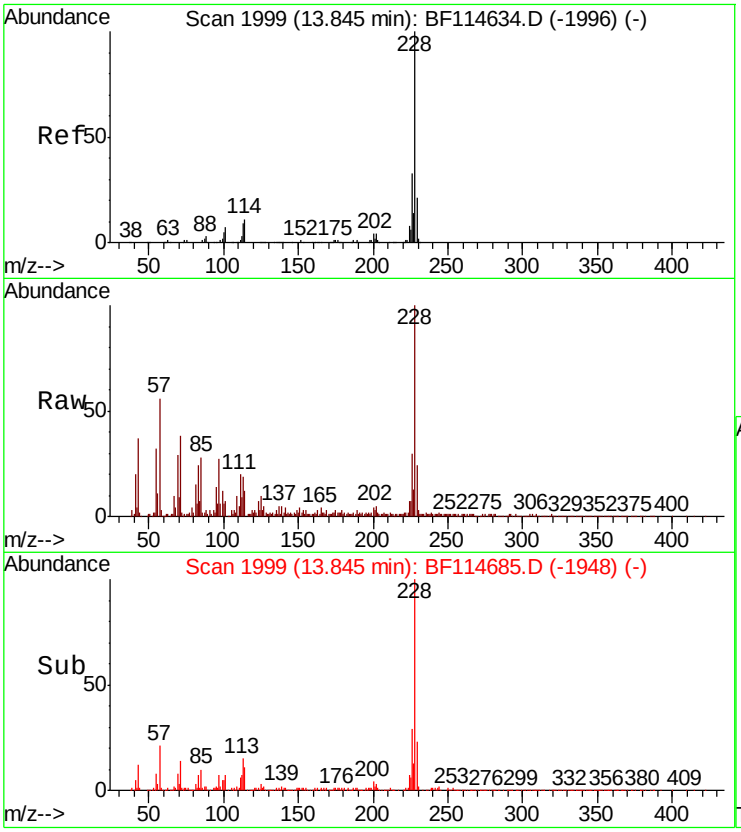


#81
Benzo(a)anthracene
Concen: 6.594 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.00 min
Lab File: BF114685.D
Acq: 31 May 2019 2:32

Tgt Ion:228 Resp: 344987

Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.0	34.6
229	23.0	17.0	25.4

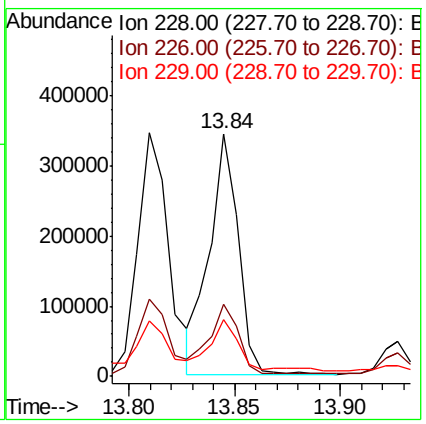




#83
Chrysene
Concen: 6.509 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BF114685.D
Acq: 31 May 2019 2:32

Tgt Ion:228 Resp: 325356

Ion	Ratio	Lower	Upper
228	100		
226	29.8	26.4	39.6
229	23.6	17.1	25.7



Instrument :
BNA_F
ClientSampleId :
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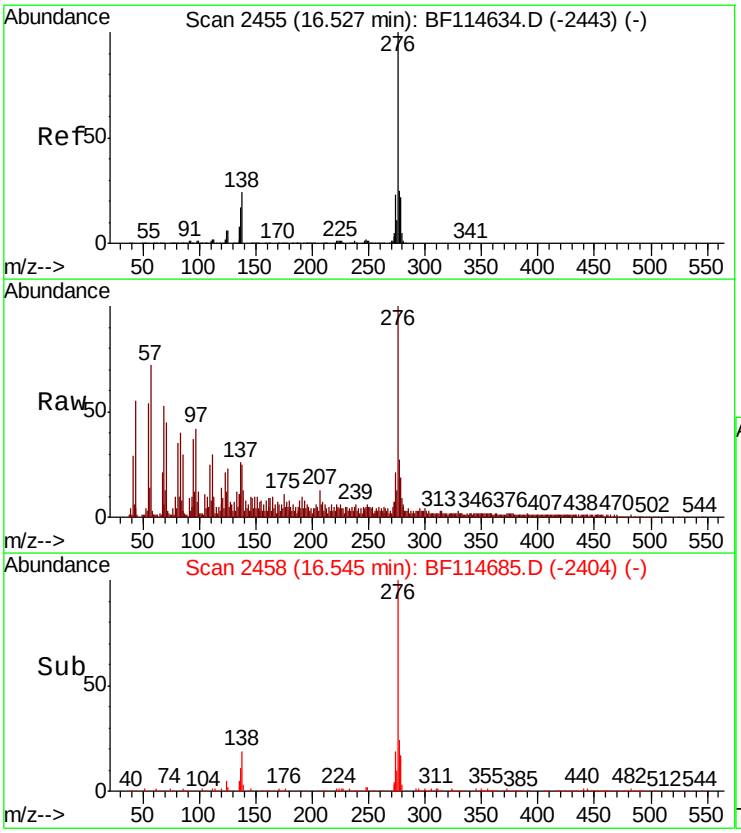
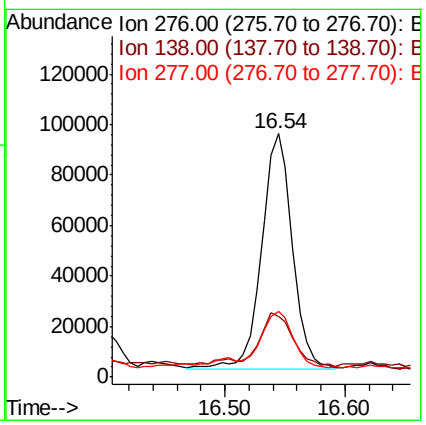
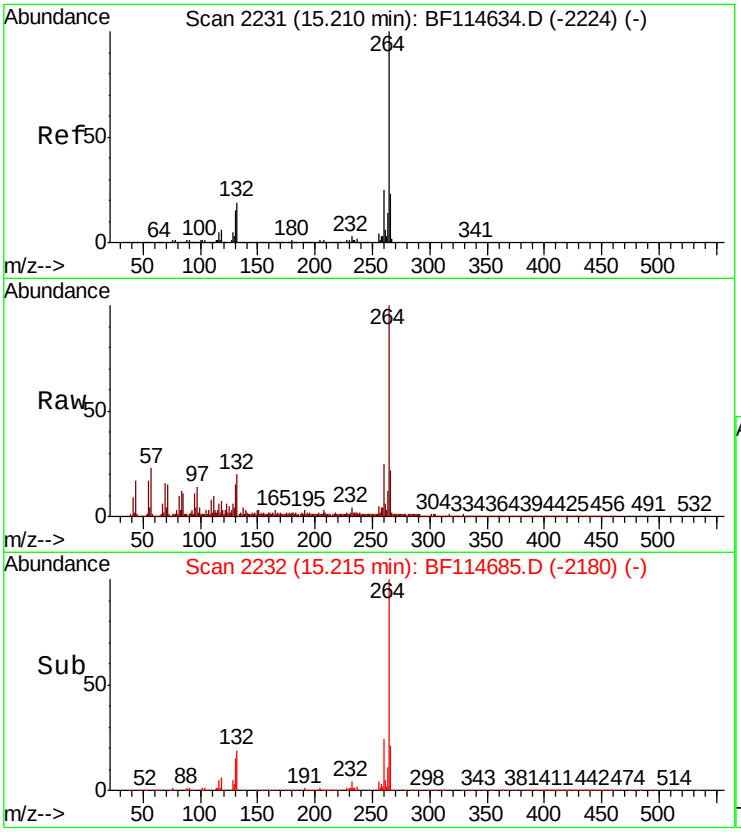


#86
Indeno(1,2,3-cd)pyrene
Concen: 3.261 ng m
RT: 16.54 min Scan# 2458
Delta R.T. 0.02 min
Lab File: BF114685.D
Acq: 31 May 2019 2:32

Tgt Ion:276 Resp: 163246

Ion	Ratio	Lower	Upper
276	100		
138	4.6	23.0	34.6#
277	5.1	20.5	30.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.01 min
Lab File: BF114685.D
Acq: 31 May 2019 2:32

Tgt Ion:264 Resp: 582601

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.7	29.5
265	22.1	18.1	27.1

Instrument :
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ClientSampleId :
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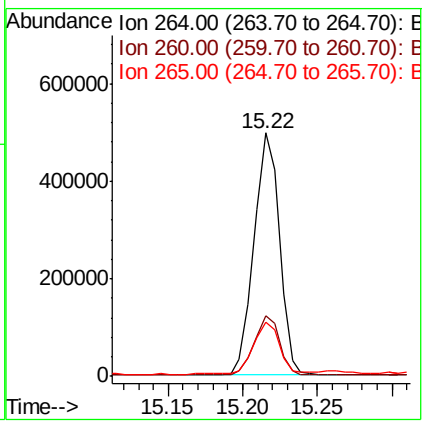
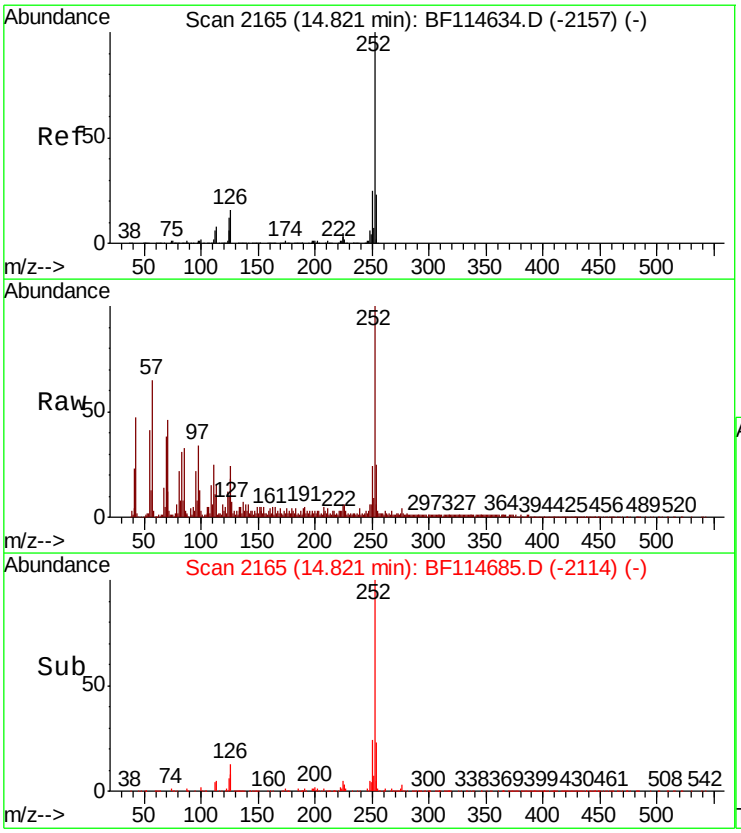
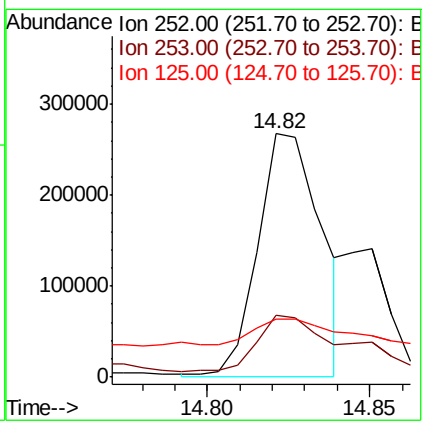


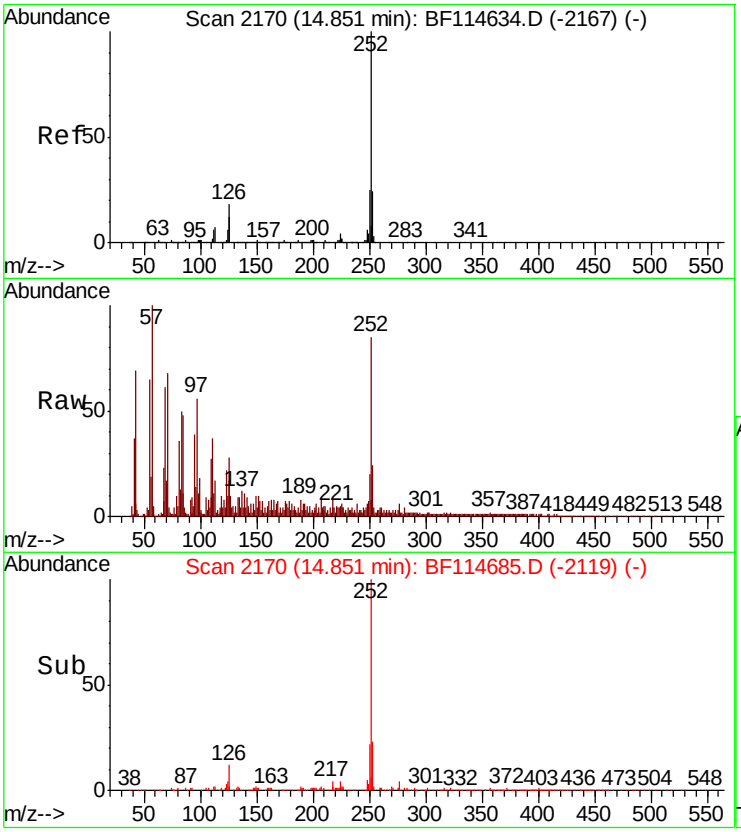


#88
Benzo(b)fluoranthene
Concen: 9.920 ng m
RT: 14.82 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BF114685.D
Acq: 31 May 2019 2:32

Tgt Ion:252 Resp: 364018

Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.7	28.1
125	24.1	9.4	14.2#

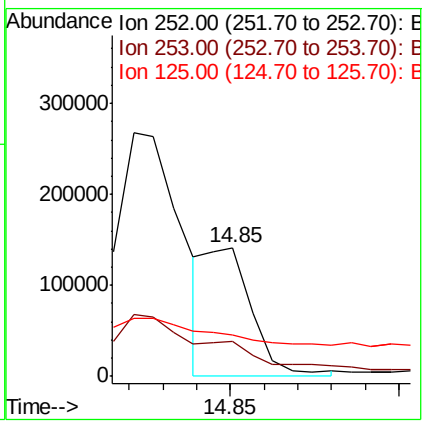




#89
Benzo(k)fluoranthene
Concen: 4.228 ng m
RT: 14.85 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BF114685.D
Acq: 31 May 2019 2:32

Tgt Ion:252 Resp: 134848

Ion	Ratio	Lower	Upper
252	100		
253	27.7	18.9	28.3
125	32.4	9.5	14.3#



Instrument :
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ClientSampleId :
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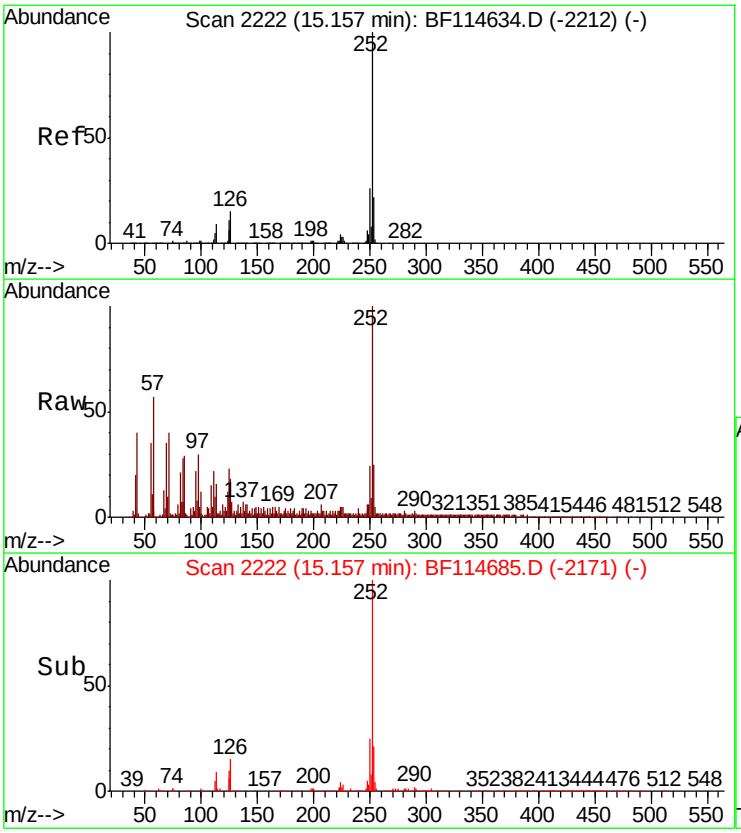
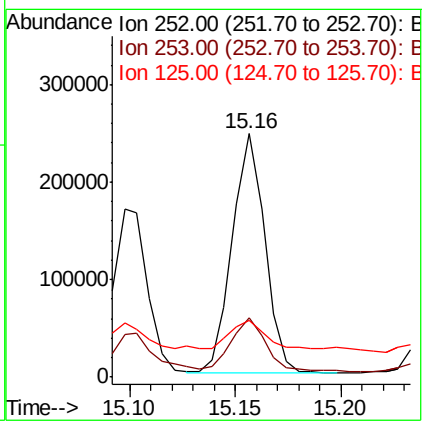
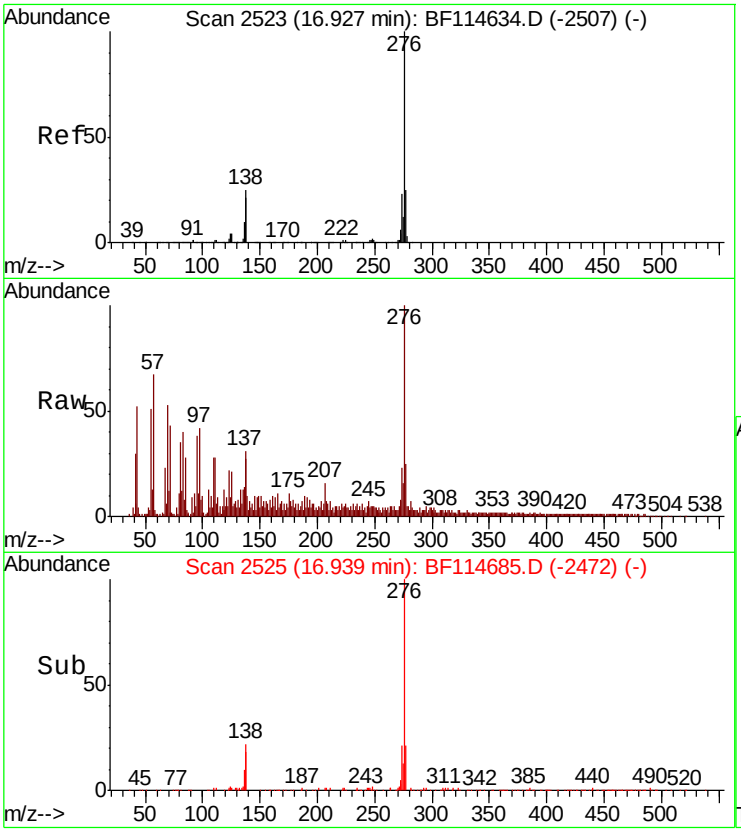


#90
Benzo(a)pyrene
Concen: 8.202 ng
RT: 15.16 min Scan# 2222
Delta R.T. -0.00 min
Lab File: BF114685.D
Acq: 31 May 2019 2:32

Tgt Ion:252 Resp: 264399

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.0	27.0
125	23.3	9.2	13.8#

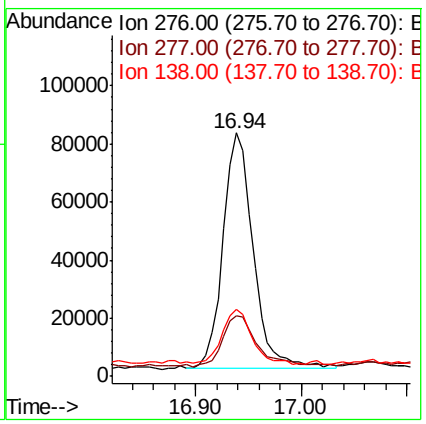




#92
Benzo(g,h,i)perylene
Concen: 5.827 ng
RT: 16.94 min Scan# 2525
Delta R.T. 0.01 min
Lab File: BF114685.D
Acq: 31 May 2019 2:32

Tgt Ion:276 Resp: 161102

Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.7	29.5
138	27.4	19.8	29.8



Instrument :
BNA_F
ClientSampleId :
OK-02-052919

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