Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112734.D
Acq On : 27 Feb 2019 22:20
Operator : JU/SJ
Sample : K1350-11 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-022619-A

Manual Integrations APPROVED
Sohil
2/28/2019 12:47:22 PM

Quant Time: Feb 28 03:27:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 27 16:08:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	175043	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	608471	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	244617	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	492461	20.00	ng	0.00
76) Chrysene-d12	13.87	240	491729	20.00	ng	0.00
87) Perylene-d12	15.28	264	335772	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	225429	20.03	ng	0.00
7) Phenol-d6	6.36	99	279502	19.77	ng	-0.01
23) Nitrobenzene-d5	7.29	82	140826	13.85	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	50744	19.54	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	233541	3.79	ng	0.00
79) Terphenyl-d14	12.83	244	263306	10.38	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.45	202	167622	6.385	ng	98
78) Pyrene	12.67	202	192947	4.654	ng	98
81) Benzo(a)anthracene	13.86	228	124001	3.639	ng	96
83) Chrysene	13.89	228	122031	3.656	ng	96
88) Benzo(b)fluoranthene	14.88	252	140458m	6.467	ng	
89) Benzo(k)fluoranthene	14.90	252	51509m	2.618	ng	
90) Benzo(a)pyrene	15.22	252	97702	5.086	ng	94
92) Benzo(g,h,i)perylene	17.03	276	52548	3.192	ng	100

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

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Instrument :
BNA_F
ClientSampleId :
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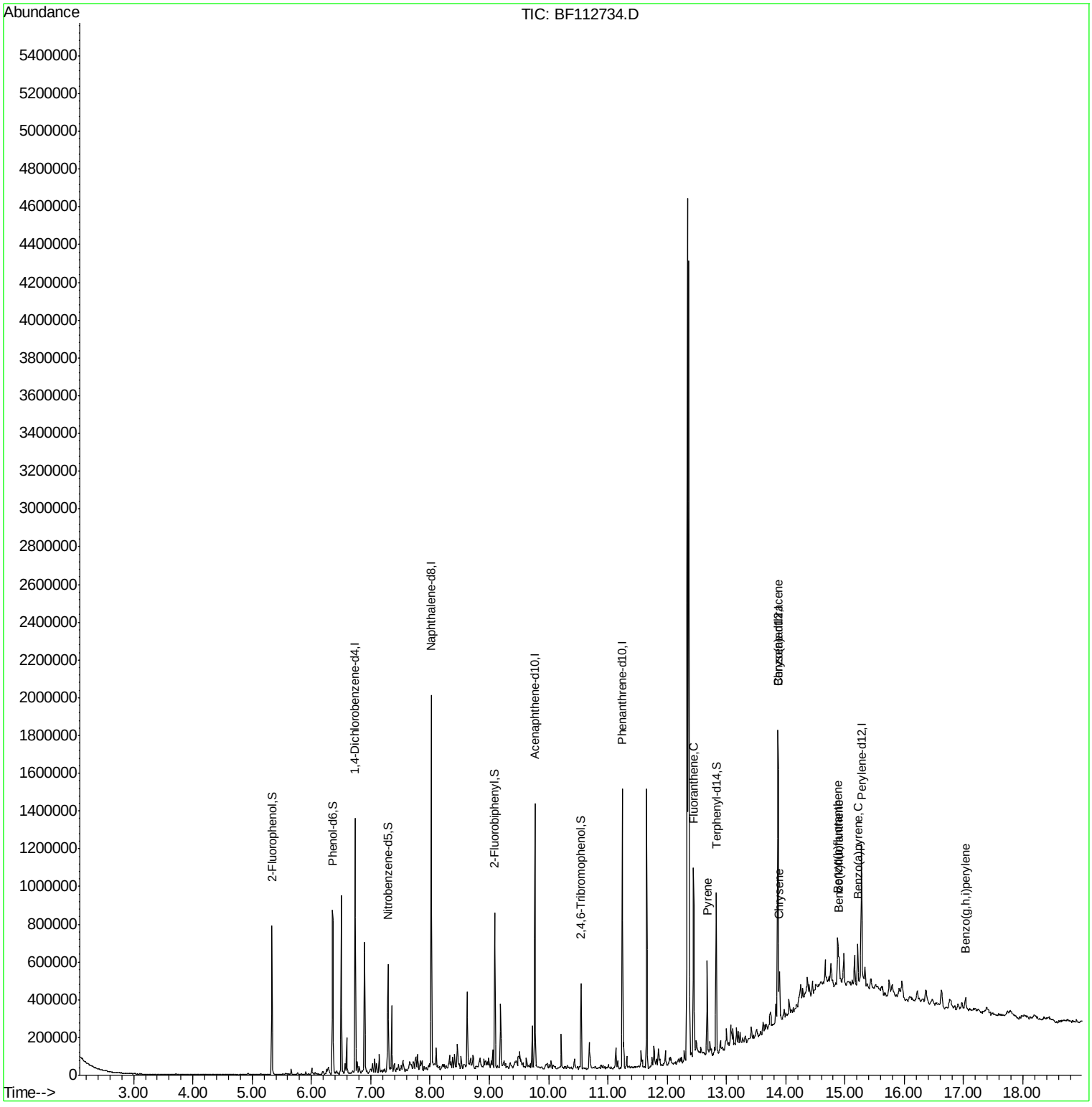
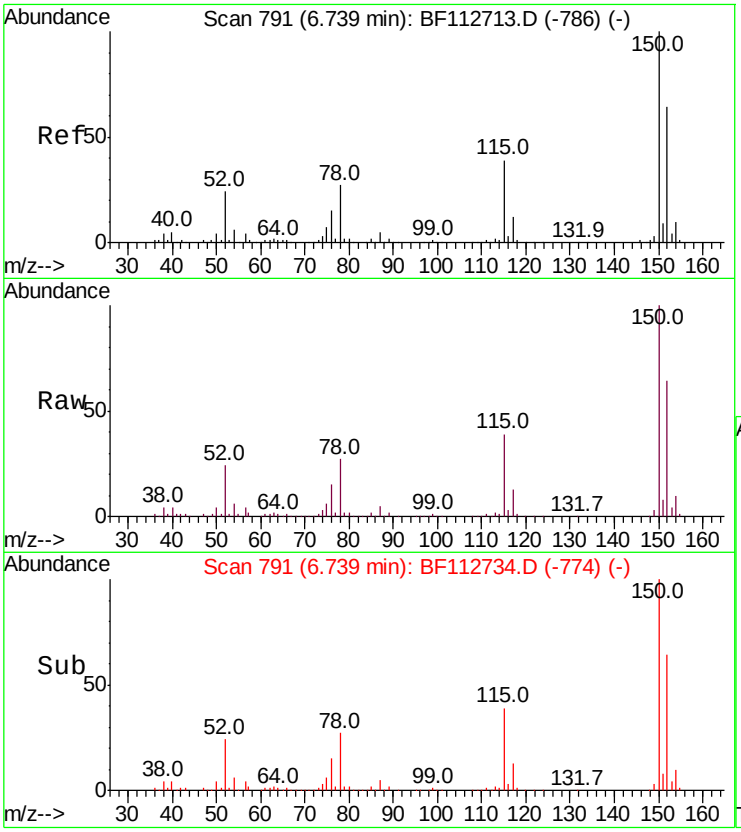
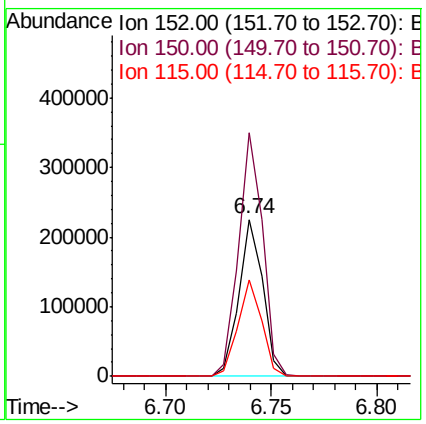




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF112734.D
Acq: 27 Feb 2019 22:20

Tgt Ion:152 Resp: 175043

Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.2	186.2
115	61.3	48.2	72.4



Instrument :
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ClientSampleId :
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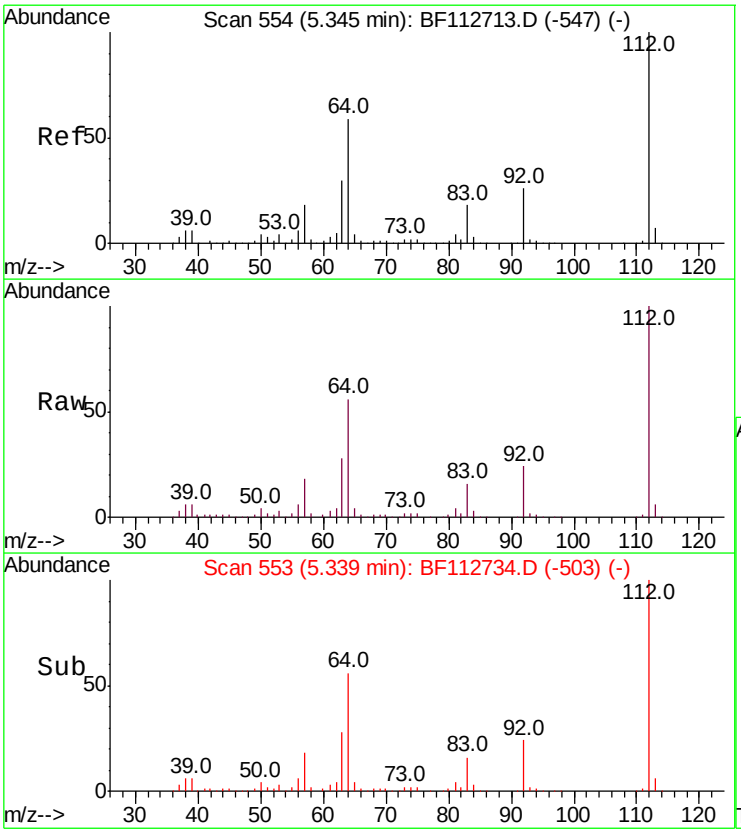
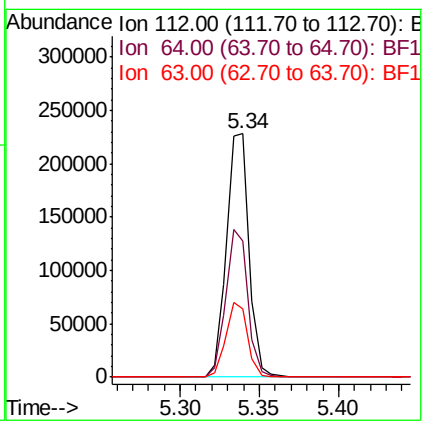
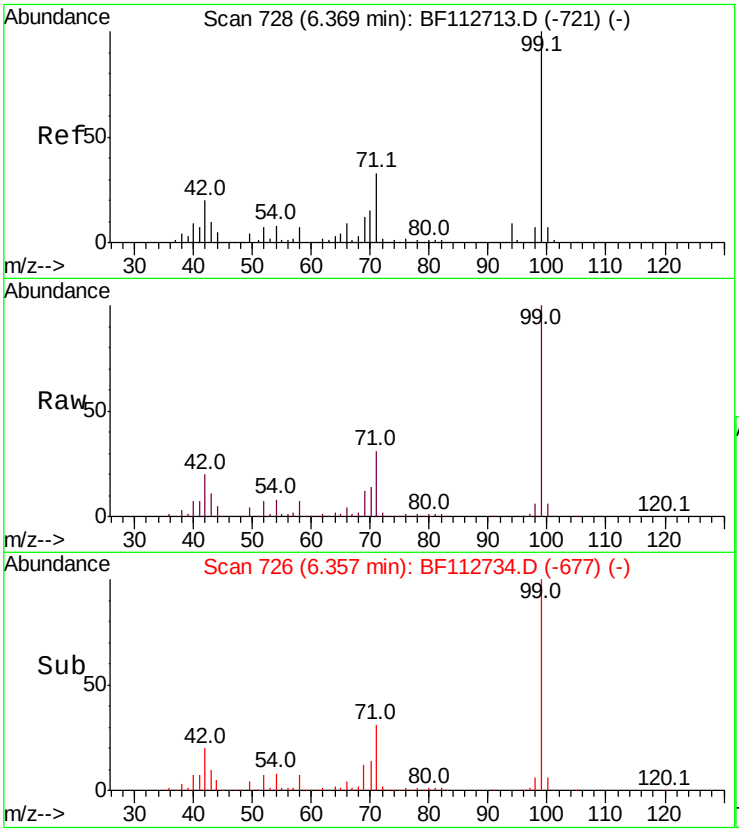


#5
2-Fluorophenol
Concen: 20.033 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF112734.D
Acq: 27 Feb 2019 22:20

Tgt Ion:112 Resp: 225429

Ion	Ratio	Lower	Upper
112	100		
64	56.0	47.6	71.4
63	28.1	24.4	36.6

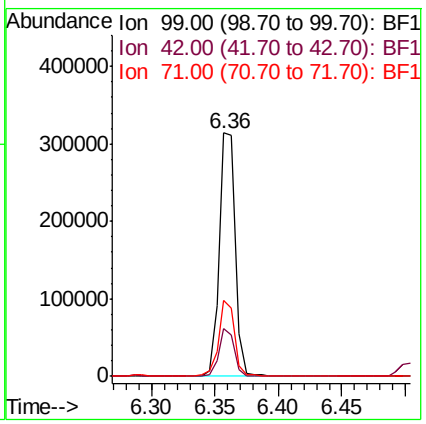




#7
Phenol-d6
Concen: 19.773 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF112734.D
Acq: 27 Feb 2019 22:20

Tgt Ion: 99 Resp: 279502

Ion	Ratio	Lower	Upper
99	100		
42	19.5	16.3	24.5
71	31.4	26.2	39.4



Instrument :
BNA_F
ClientSampleId :
EO-01-022619-A

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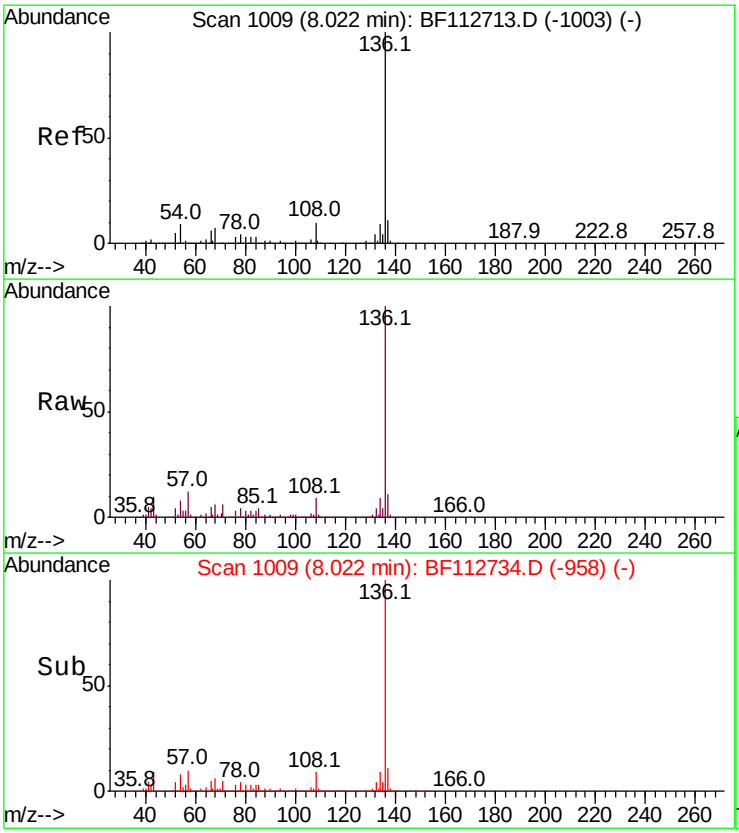
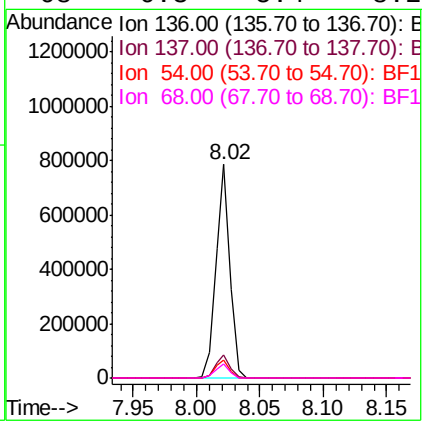
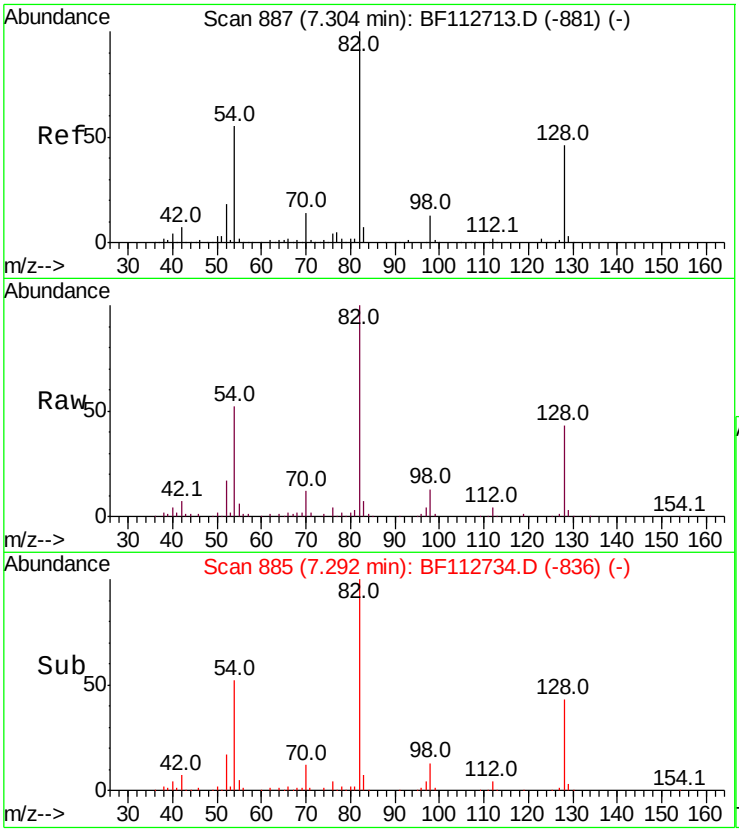


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF112734.D
Acq: 27 Feb 2019 22:20

Tgt Ion:136 Resp: 608471

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.3	7.3	10.9
68	6.3	5.4	8.2

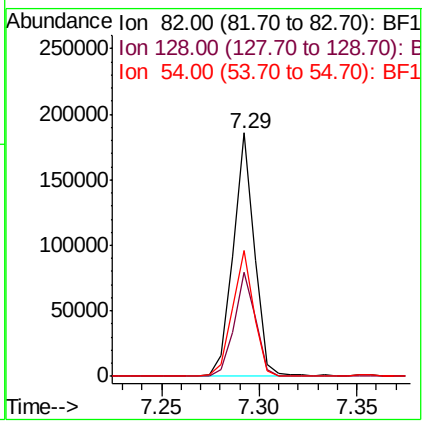




#23
Nitrobenzene-d5
Concen: 13.849 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF112734.D
Acq: 27 Feb 2019 22:20

Tgt Ion: 82 Resp: 140826

Ion	Ratio	Lower	Upper
82	100		
128	42.7	36.3	54.5
54	51.7	43.7	65.5



Instrument :
BNA_F
ClientSampleId :
EO-01-022619-A

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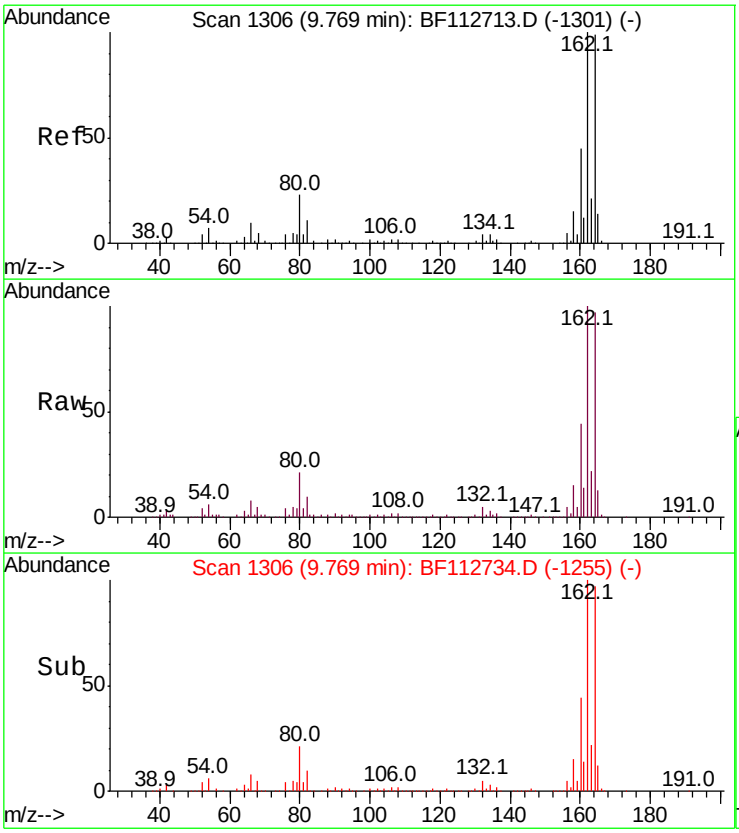
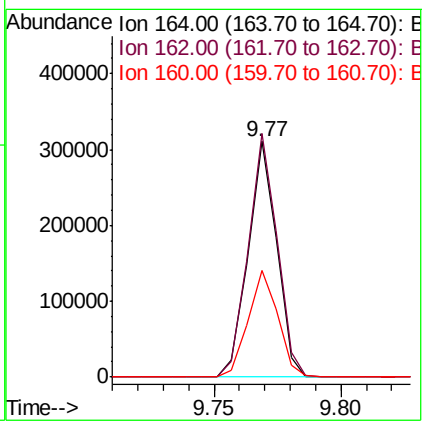
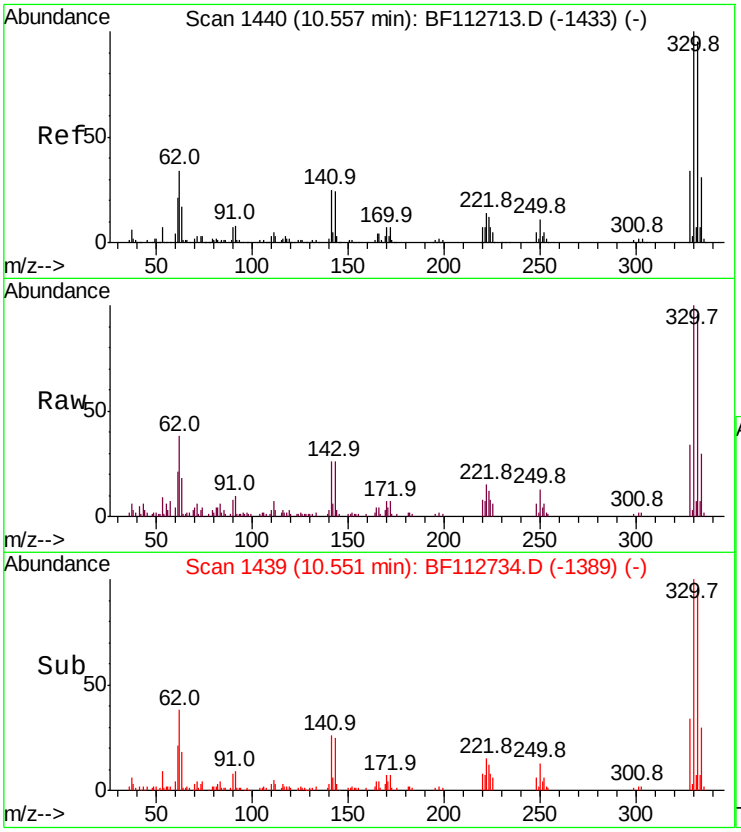


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF112734.D
Acq: 27 Feb 2019 22:20

Tgt Ion:164 Resp: 244617

Ion	Ratio	Lower	Upper
164	100		
162	103.4	80.6	120.8
160	45.4	36.0	54.0

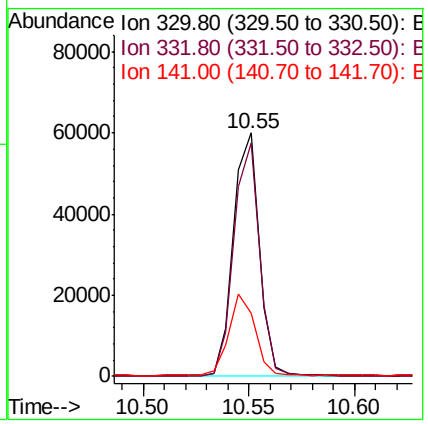




#42
2,4,6-Tribromophenol
Concen: 19.540 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF112734.D
Acq: 27 Feb 2019 22:20

Tgt Ion:330 Resp: 50744

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.2	114.4
141	35.6	27.0	40.6



Instrument :
BNA_F
ClientSampleId :
EO-01-022619-A

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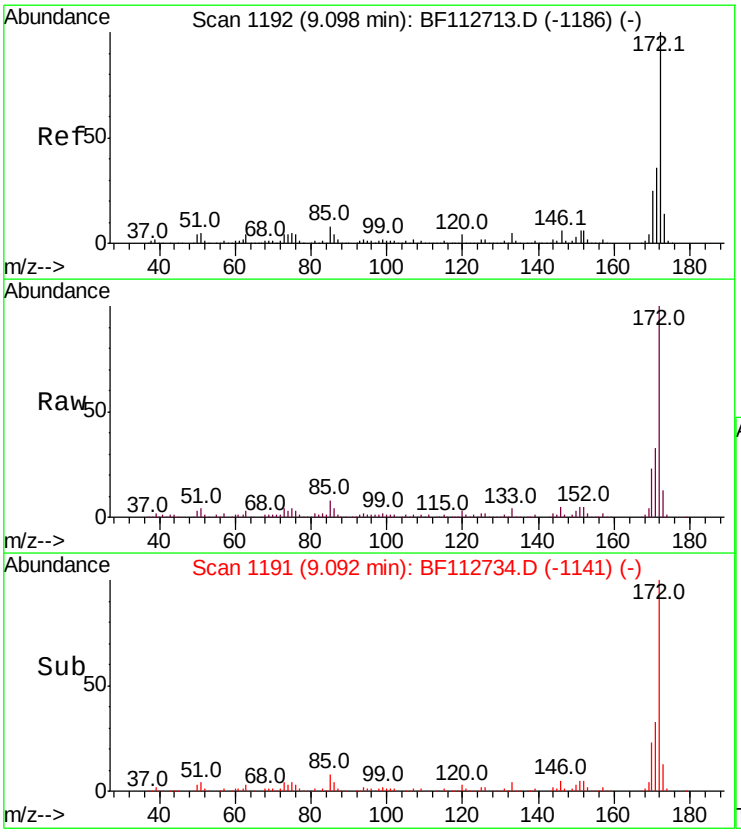
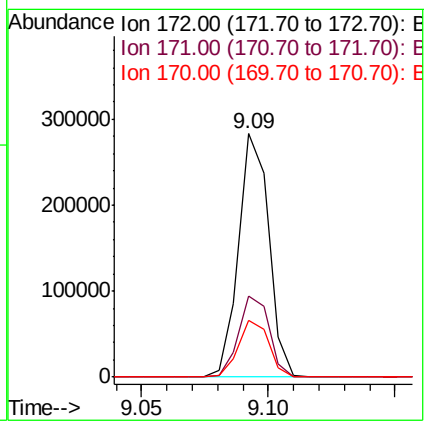
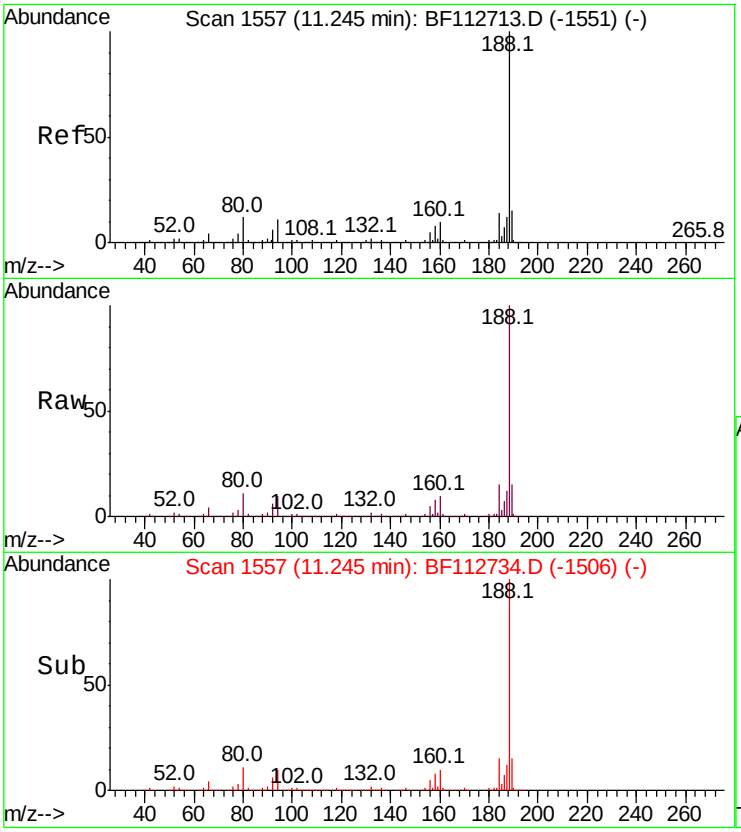


#45
2-Fluorobiphenyl
Concen: 3.786 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF112734.D
Acq: 27 Feb 2019 22:20

Tgt Ion:172 Resp: 233541

Ion	Ratio	Lower	Upper
172	100		
171	33.2	29.0	43.4
170	23.2	20.0	30.0

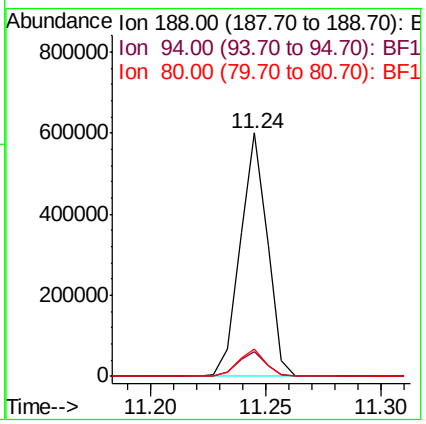




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF112734.D
Acq: 27 Feb 2019 22:20

Tgt Ion:188 Resp: 492461

Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.0	13.4
80	11.1	9.2	13.8



Instrument :
BNA_F
ClientSampleId :
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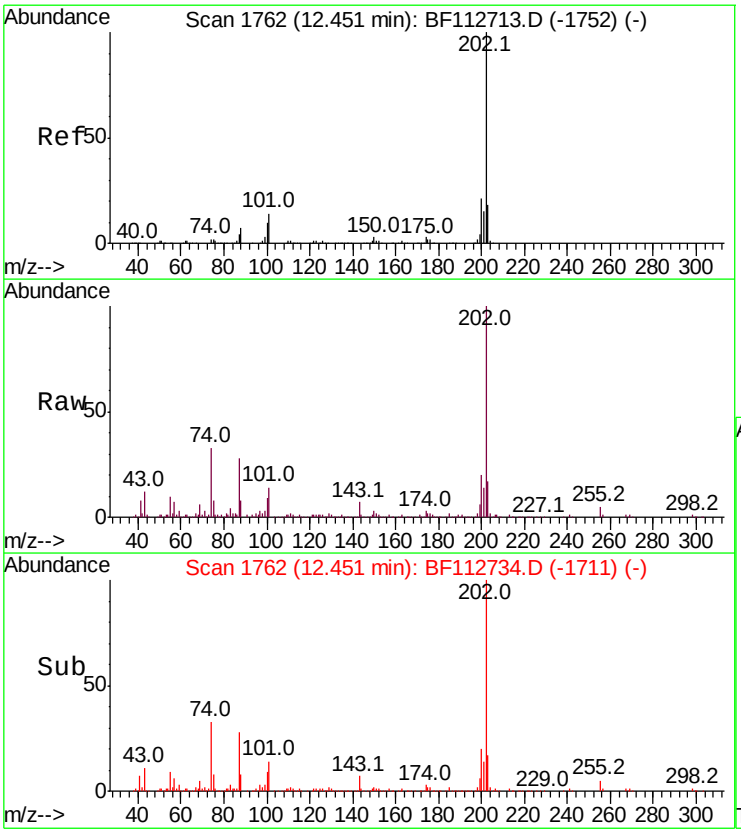
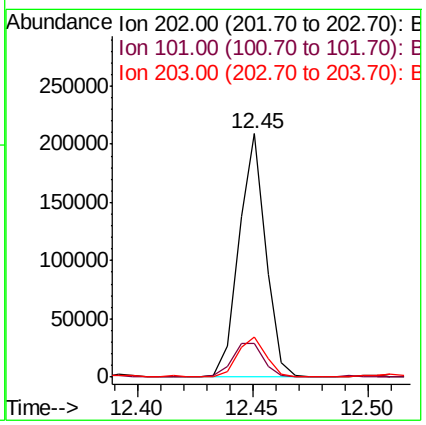
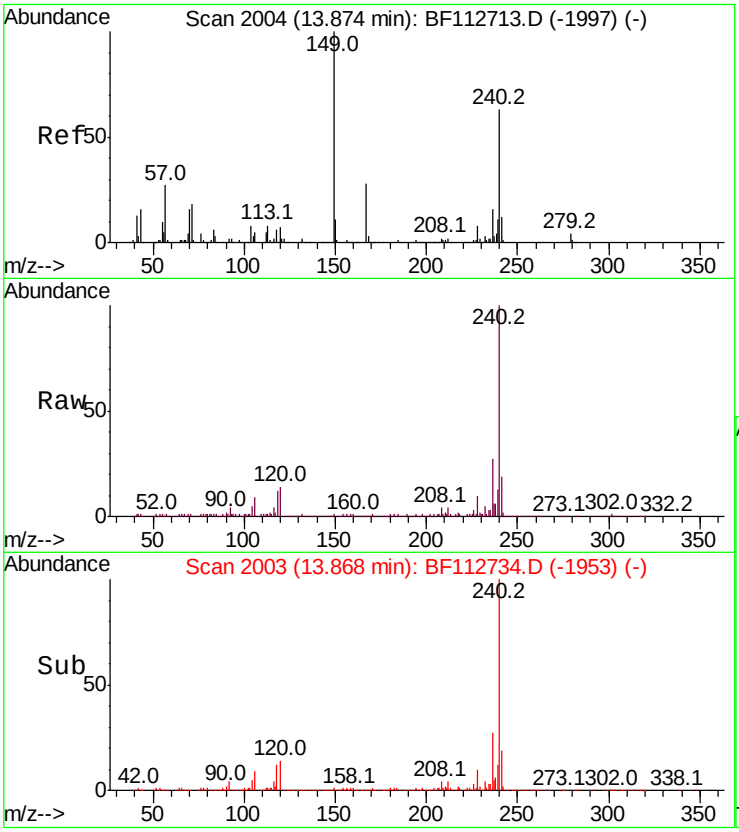


#75
Fluoranthene
Concen: 6.385 ng
RT: 12.45 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BF112734.D
Acq: 27 Feb 2019 22:20

Tgt Ion:202 Resp: 167622

Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	33.8
203	16.7	0.0	38.4





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF112734.D
Acq: 27 Feb 2019 22:20

Tgt Ion:240 Resp: 491729

Ion	Ratio	Lower	Upper
240	100		
120	13.7	8.9	13.3#
236	26.6	20.7	31.1

Instrument :
BNA_F
ClientSampleId :
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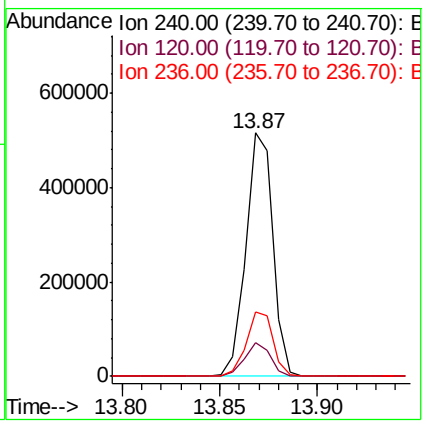
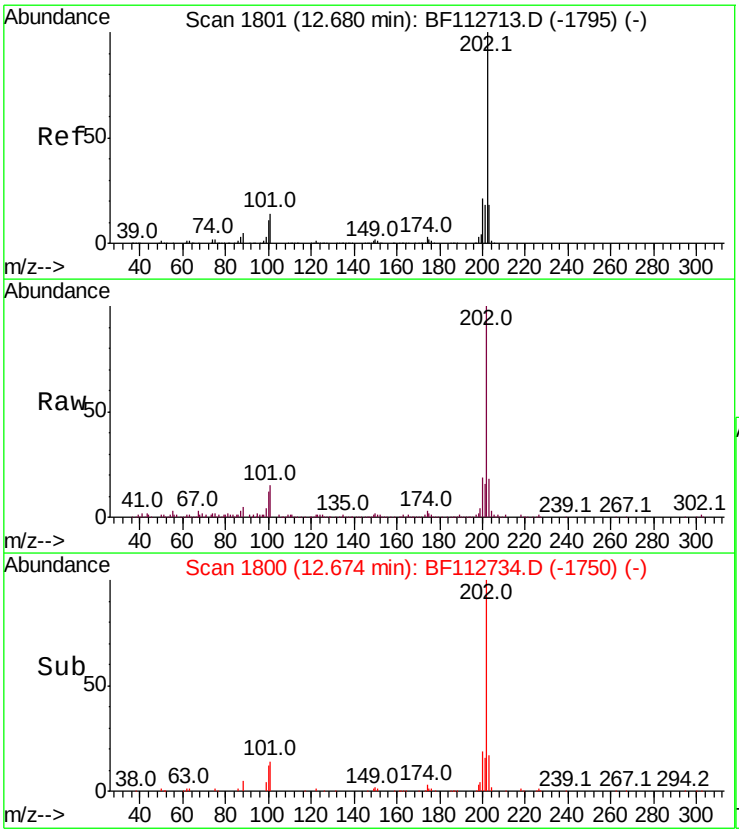
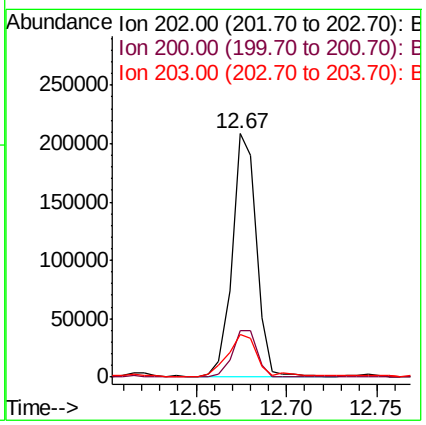


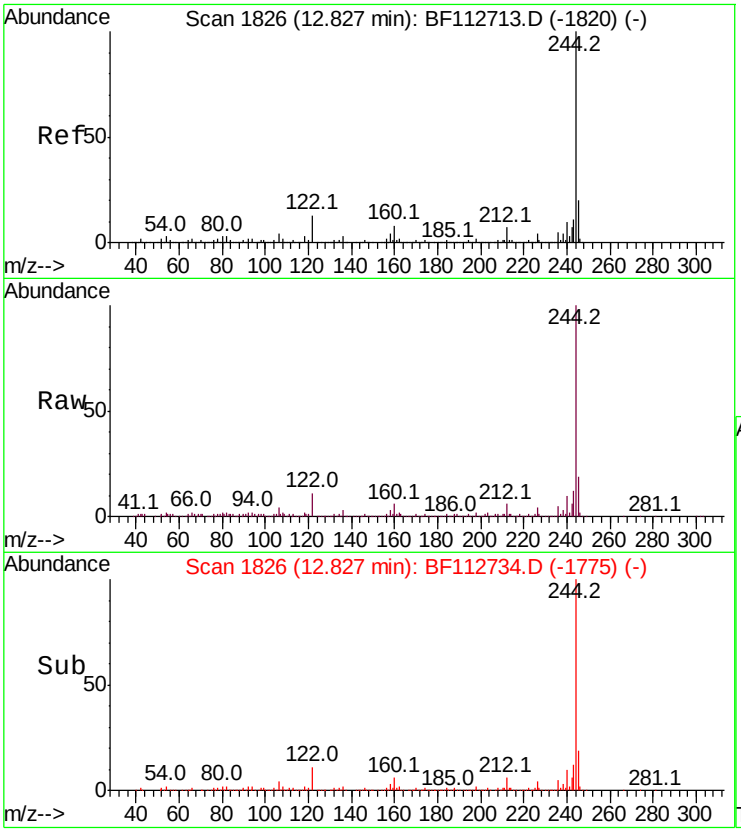


#78
Pyrene
Concen: 4.654 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF112734.D
Acq: 27 Feb 2019 22:20

Tgt Ion:202 Resp: 192947

Ion	Ratio	Lower	Upper
202	100		
200	19.4	17.0	25.4
203	17.7	14.4	21.6

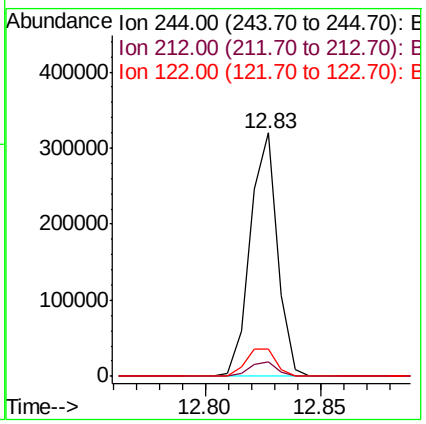




#79
Terphenyl-d14
Concen: 10.380 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.00 min
Lab File: BF112734.D
Acq: 27 Feb 2019 22:20

Tgt Ion:244 Resp: 263306

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.6	8.4
122	11.3	10.5	15.7



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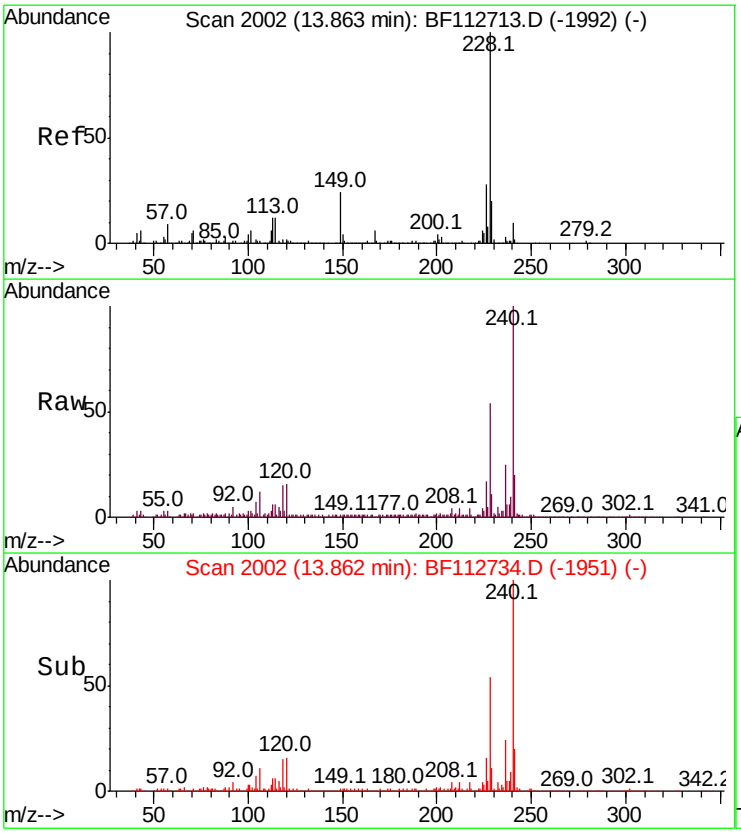
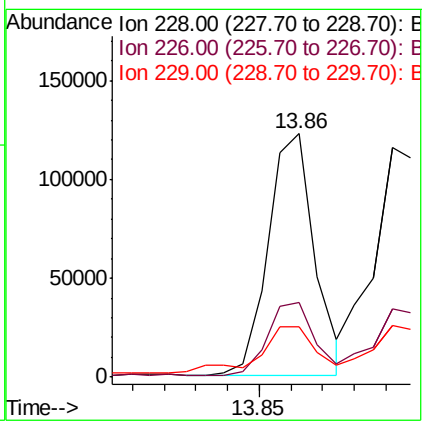
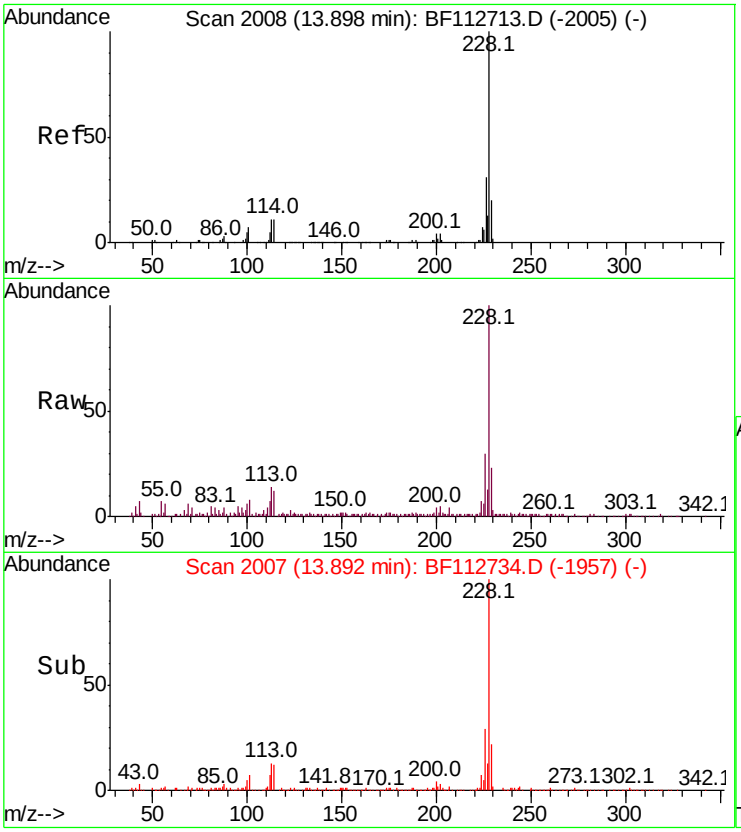


#81
Benzo(a)anthracene
Concen: 3.639 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BF112734.D
Acq: 27 Feb 2019 22:20

Tgt Ion:228 Resp: 124001

Ion	Ratio	Lower	Upper
228	100		
226	30.7	22.2	33.4
229	20.9	16.0	24.0

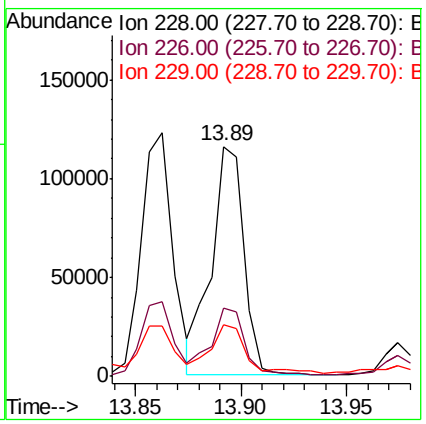




#83
Chrysene
Concen: 3.656 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF112734.D
Acq: 27 Feb 2019 22:20

Tgt Ion:228 Resp: 122031

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.9	37.3
229	22.6	16.3	24.5



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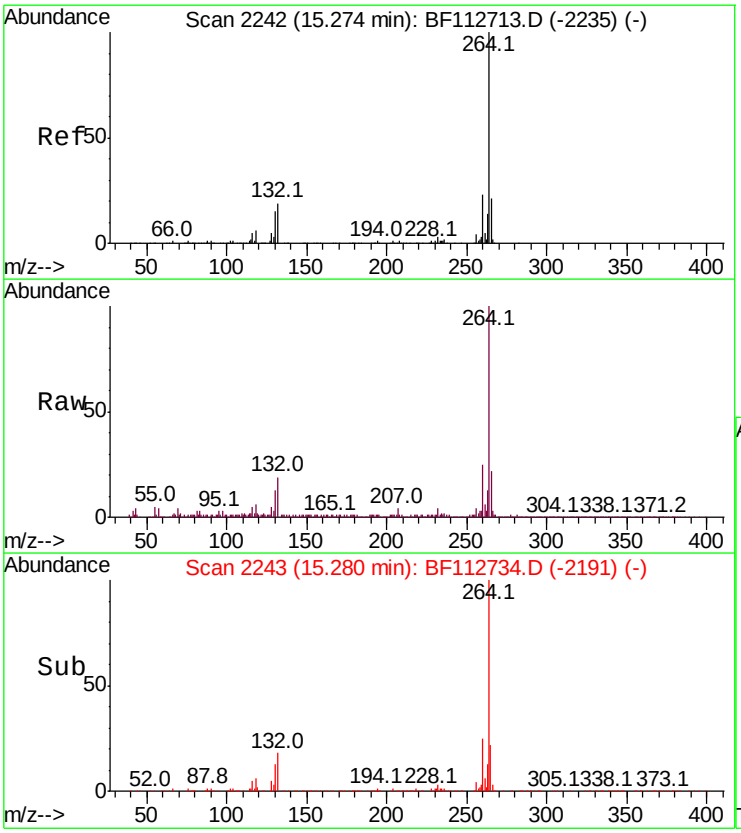
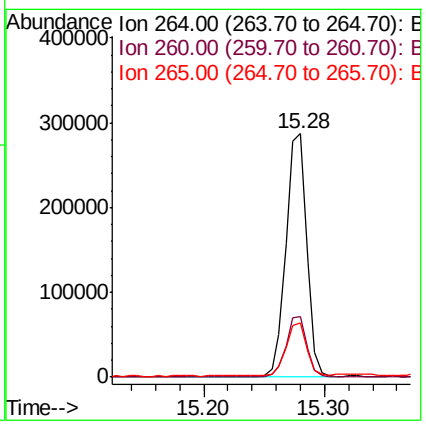
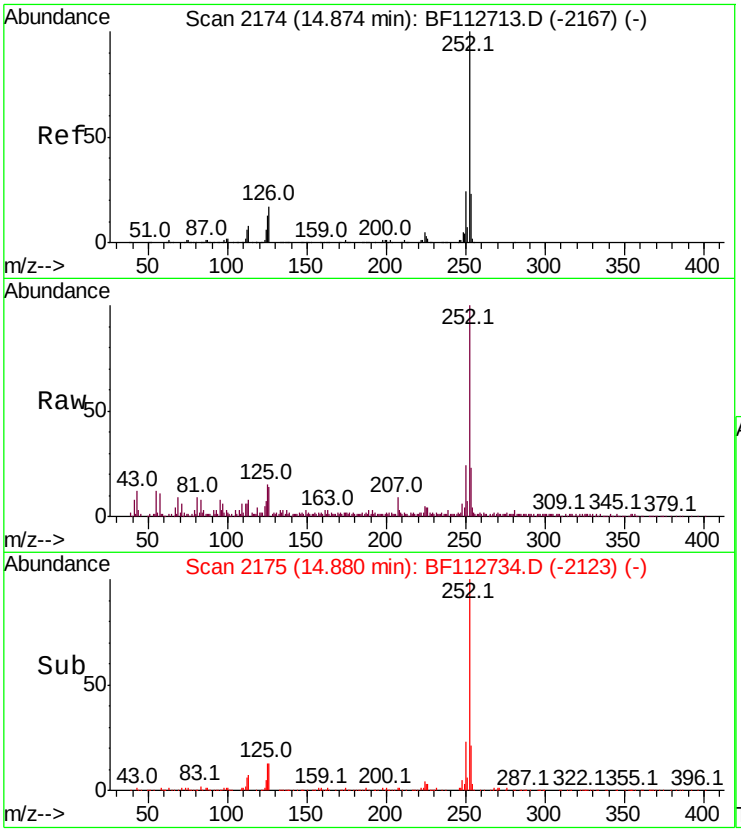


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF112734.D
Acq: 27 Feb 2019 22:20

Tgt Ion:264 Resp: 335772

Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.7	28.1
265	22.0	17.2	25.8





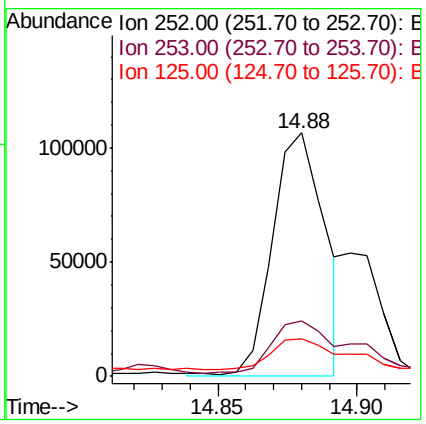
#88
Benzo(b)fluoranthene
Concen: 6.467 ng m
RT: 14.88 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BF112734.D
Acq: 27 Feb 2019 22:20

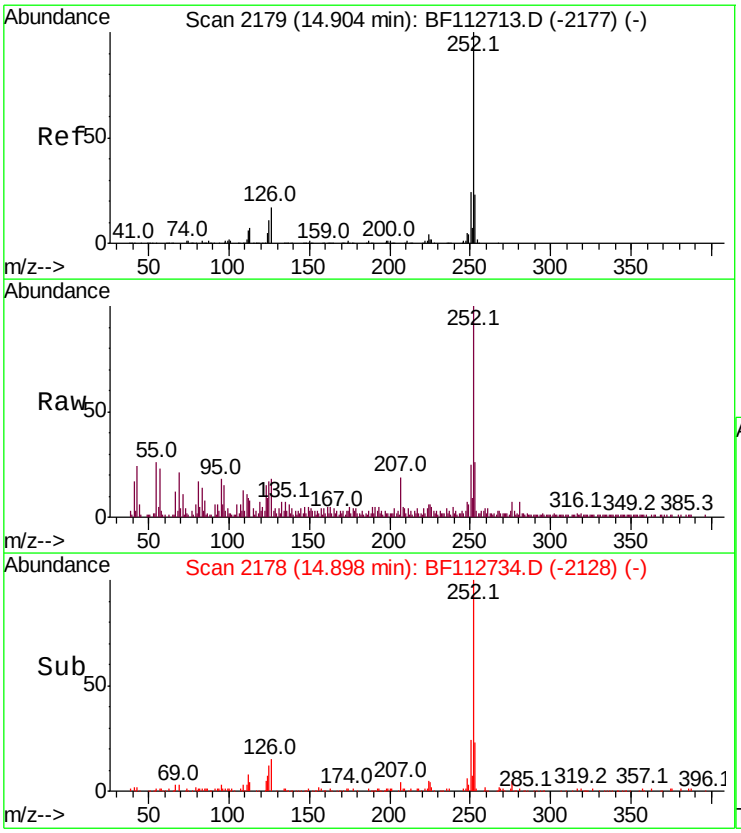
Tgt Ion:252 Resp: 140458

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	15.5	10.2	15.2#

Instrument :
BNA_F
ClientSampleId :
EO-01-022619-A

Manual Integrations APPROVED
Sohil
2/28/2019 12:47:22 PM

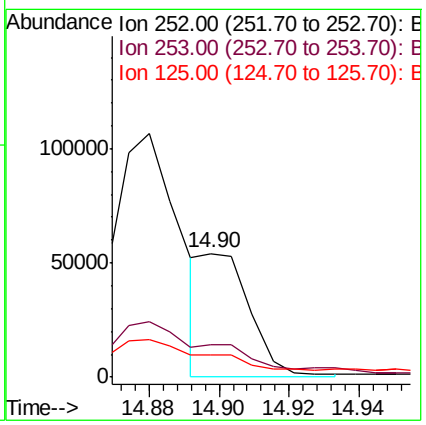


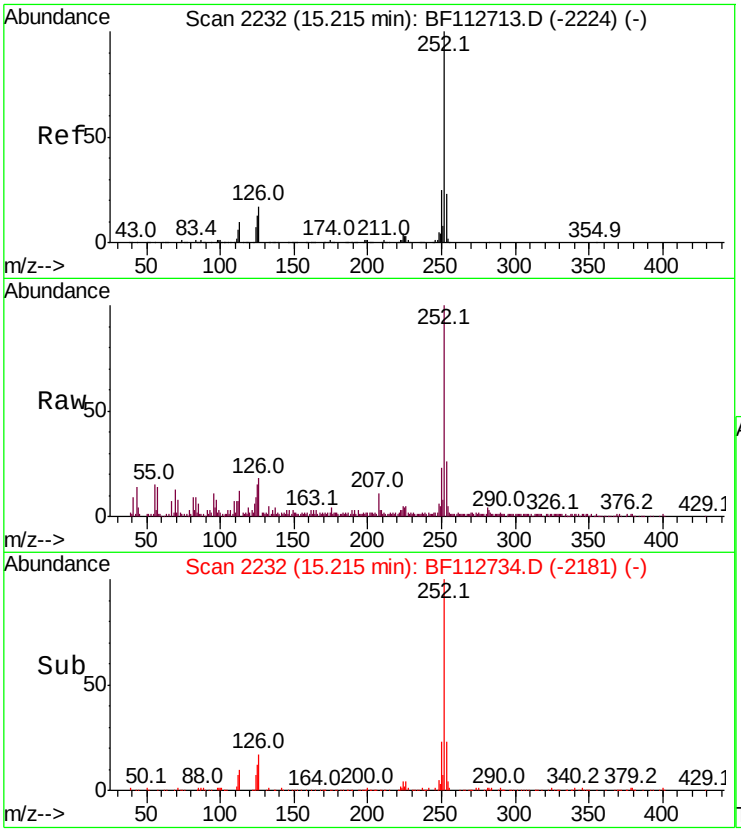


#89
Benzo(k)fluoranthene
Concen: 2.618 ng m
RT: 14.90 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BF112734.D
Acq: 27 Feb 2019 22:20

Tgt Ion:252 Resp: 51509

Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.2	27.2
125	17.5	9.8	14.6#





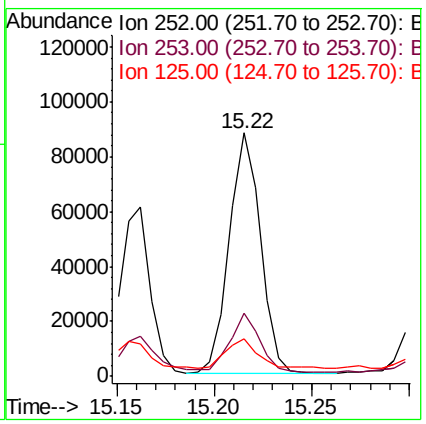
#90
Benzo(a)pyrene
Concen: 5.086 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BF112734.D
Acq: 27 Feb 2019 22:20

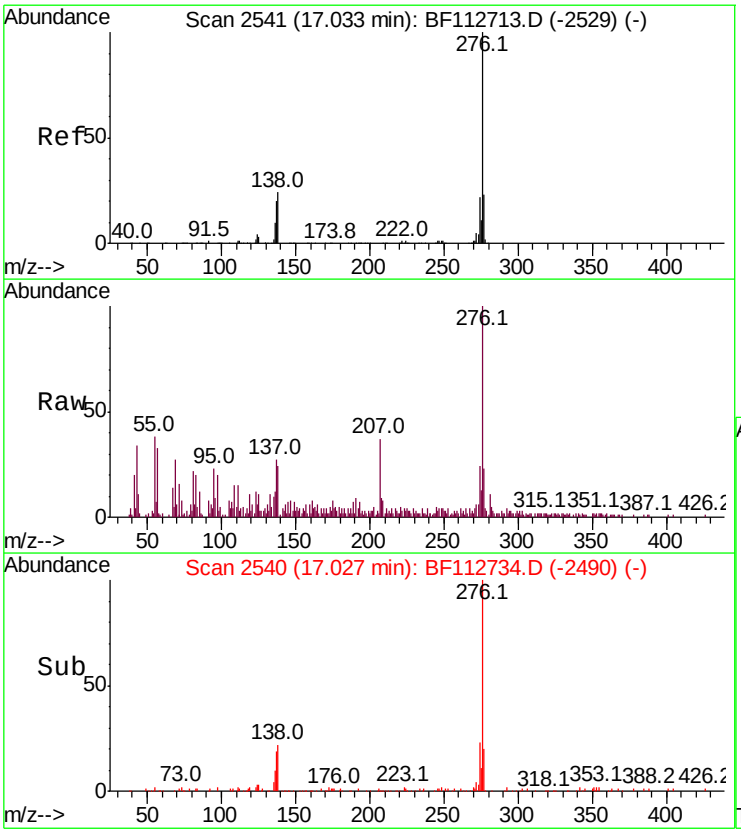
Tgt Ion:252 Resp: 97702

Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.0	27.0
125	15.4	10.7	16.1

Instrument :
BNA_F
ClientSampleId :
EO-01-022619-A

Manual Integrations APPROVED
Sohil
2/28/2019 12:47:22 PM





#92
Benzo(g,h,i)perylene
Concen: 3.192 ng
RT: 17.03 min Scan# 2540
Delta R.T. -0.01 min
Lab File: BF112734.D
Acq: 27 Feb 2019 22:20

Tgt Ion:276 Resp: 52548

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.6	27.8
138	24.3	19.4	29.0