Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102519\
Data File : BF117542.D
Acq On : 25 Oct 2019 18:00
Operator : JU
Sample : K5512-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-26706

Manual Integrations APPROVED
mohammad
10/29/2019 3:33:31 PM

Quant Time: Oct 26 01:41:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 18:53:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	34251	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	135703	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	62812	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	85393	20.00	ng	0.00
76) Chrysene-d12	13.89	240	68365	20.00	ng	0.00
87) Perylene-d12	15.33	264	59777	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	244791	106.33	ng	0.00
7) Phenol-d6	6.38	99	334880	108.30	ng	0.00
23) Nitrobenzene-d5	7.29	82	203042	73.87	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	49205	90.54	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	342104	76.74	ng	-0.01
79) Terphenyl-d14	12.83	244	260140	62.07	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.39	94	8209	2.601	ng	# 80
49) Acenaphthylene	9.62	152	12373	2.149	ng	# 95
50) Dimethylphthalate	9.48	163	36732	8.203	ng	99
71) Phenanthrene	11.27	178	35215	7.102	ng	95
72) Anthracene	11.33	178	10804	2.124	ng	98
75) Fluoranthene	12.46	202	25385	5.114	ng	98
78) Pyrene	12.69	202	40965	6.976	ng	98
81) Benzo(a)anthracene	13.88	228	13169	2.856	ng	92
83) Chrysene	13.92	228	13883	3.072	ng	96
88) Benzo(b)fluoranthene	14.93	252	10349m	2.932	ng	
90) Benzo(a)pyrene	15.27	252	10148	3.162	ng	# 81
92) Benzo(g,h,i)perylene	17.18	276	5990	2.281	ng	# 82

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102519\
Data File : BF117542.D
Acq On : 25 Oct 2019 18:00
Operator : JU
Sample : K5512-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 26 01:41:54 2019
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QLast Update : Fri Oct 18 18:53:31 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
CHRT-26706

Manual Integrations APPROVED
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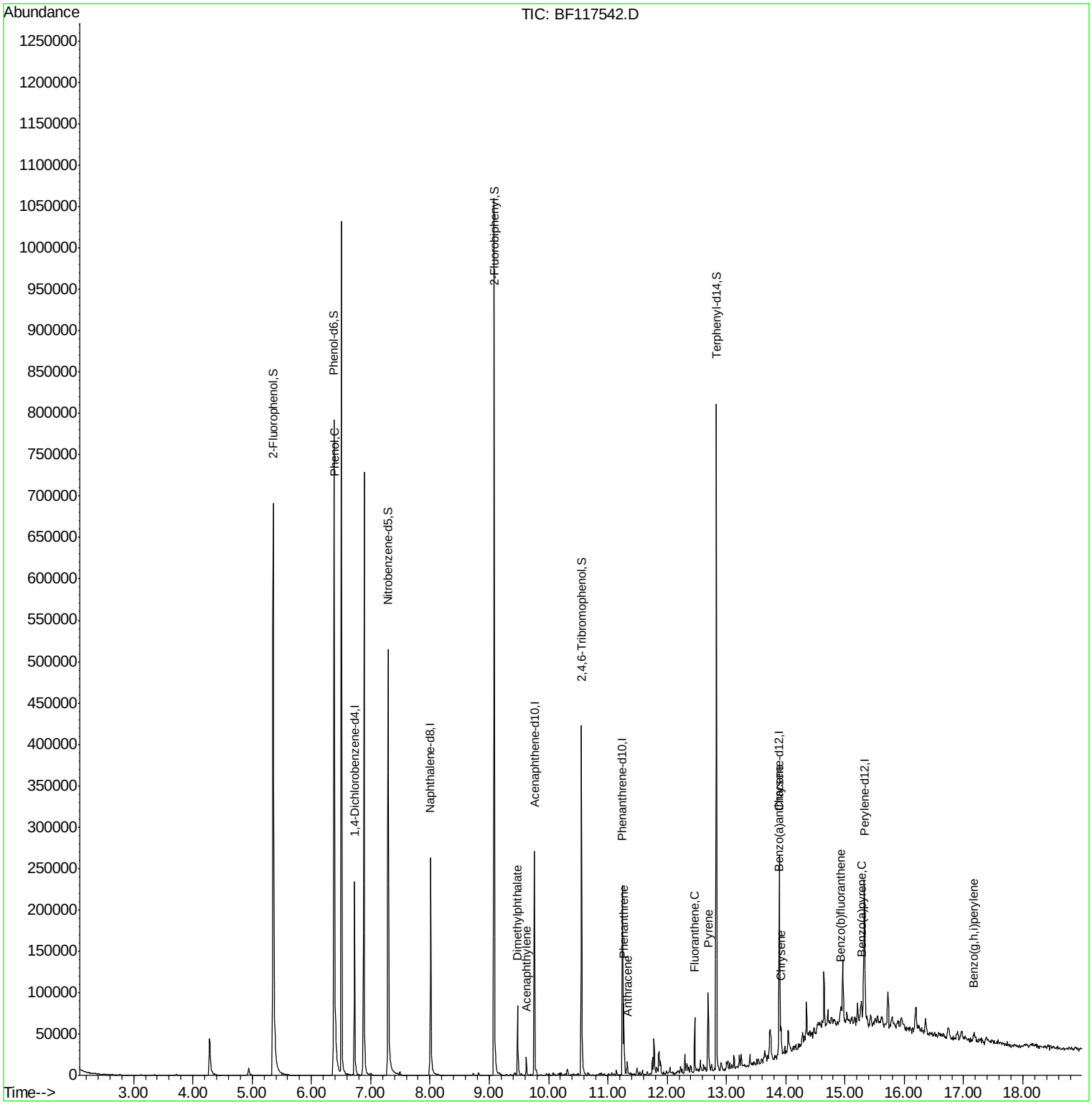
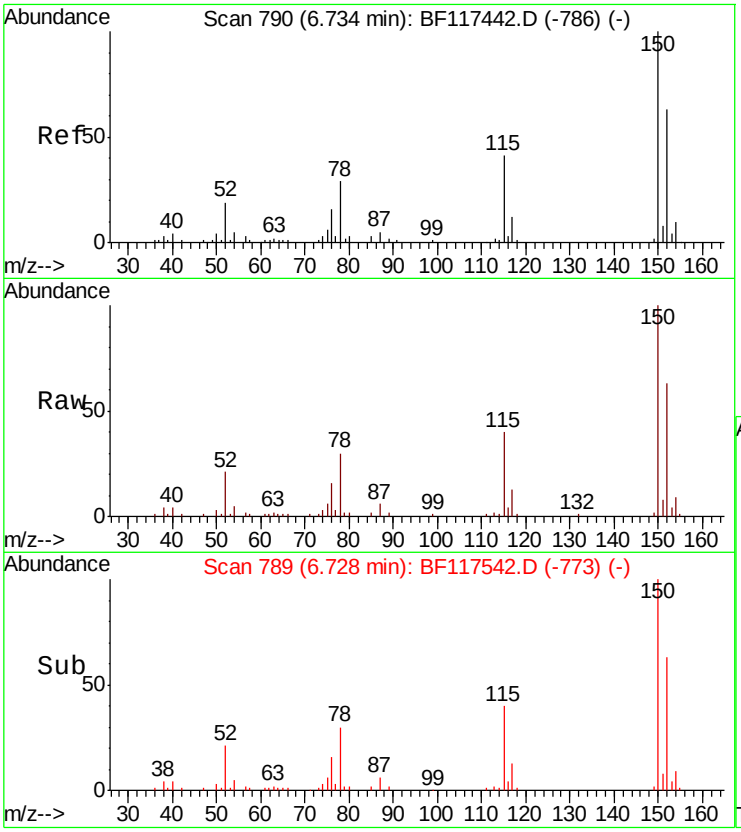
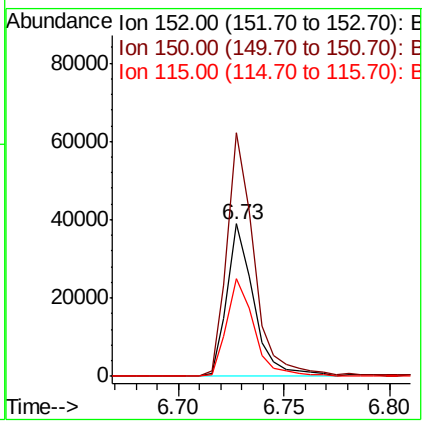




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117542.D
Acq: 25 Oct 2019 18:00

Tgt Ion:152 Resp: 34251

Ion	Ratio	Lower	Upper
152	100		
150	159.8	126.8	190.2
115	64.4	51.6	77.4



Instrument :
BNA_F
ClientSampleId :
CHRT-26706

Manual Integrations APPROVED
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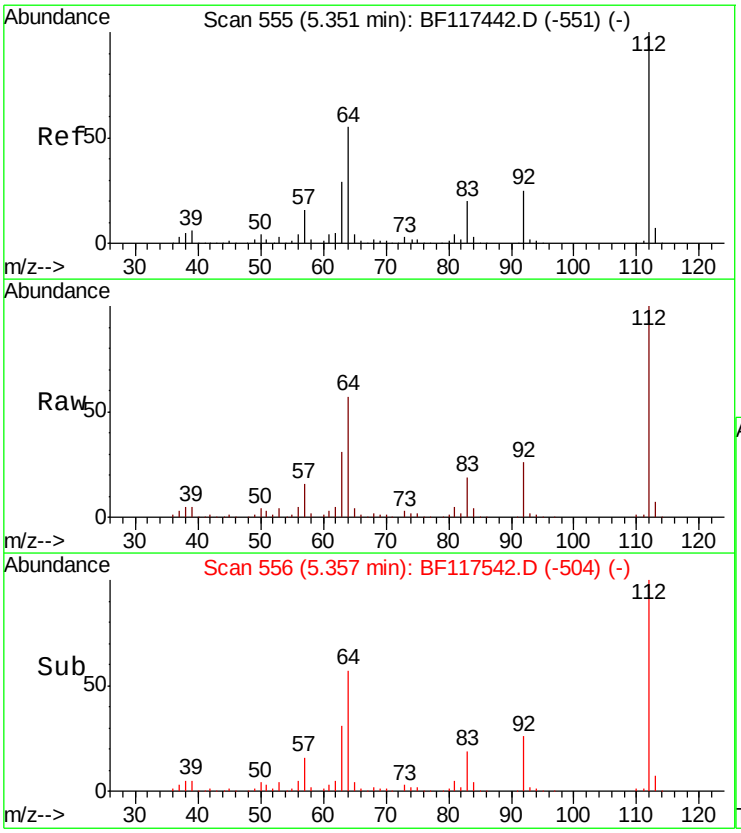
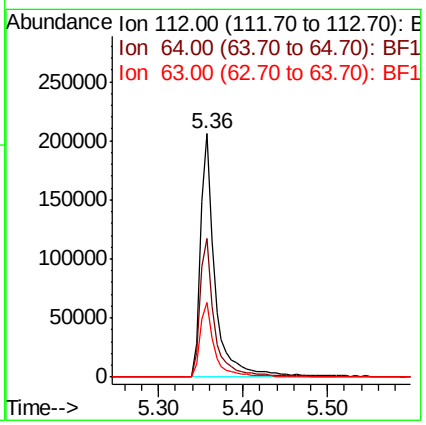
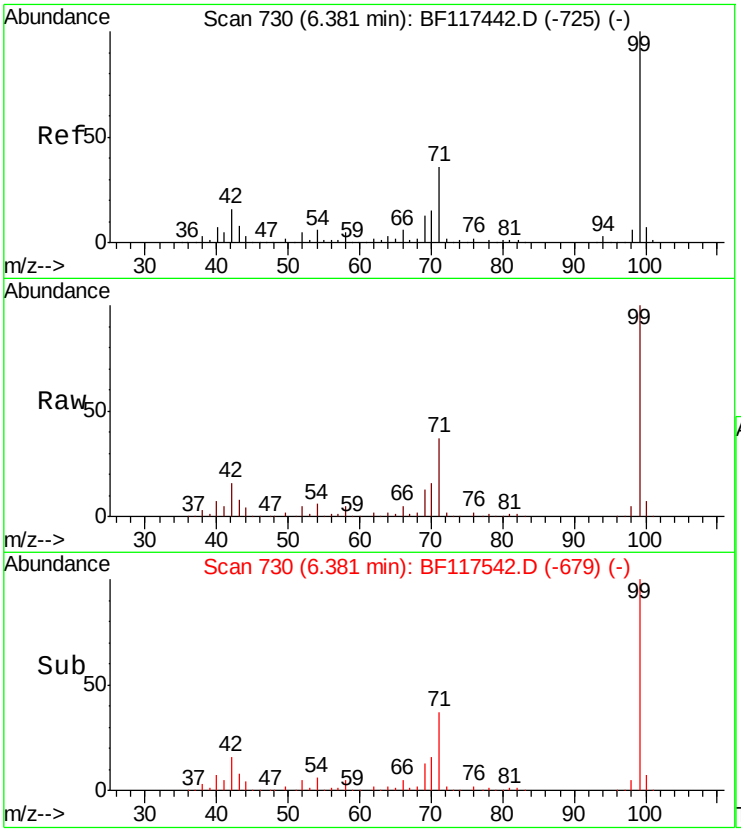


#5
2-Fluorophenol
Concen: 106.326 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF117542.D
Acq: 25 Oct 2019 18:00

Tgt Ion:112 Resp: 244791

Ion	Ratio	Lower	Upper
112	100		
64	56.7	44.1	66.1
63	30.9	23.4	35.2

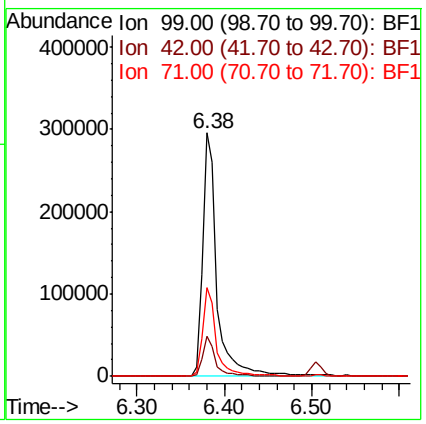




#7
Phenol-d6
Concen: 108.298 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF117542.D
Acq: 25 Oct 2019 18:00

Tgt Ion: 99 Resp: 334880

Ion	Ratio	Lower	Upper
99	100		
42	16.3	12.8	19.2
71	36.7	28.6	43.0



Instrument :
BNA_F
ClientSampleId :
CHRT-26706

Manual Integrations APPROVED
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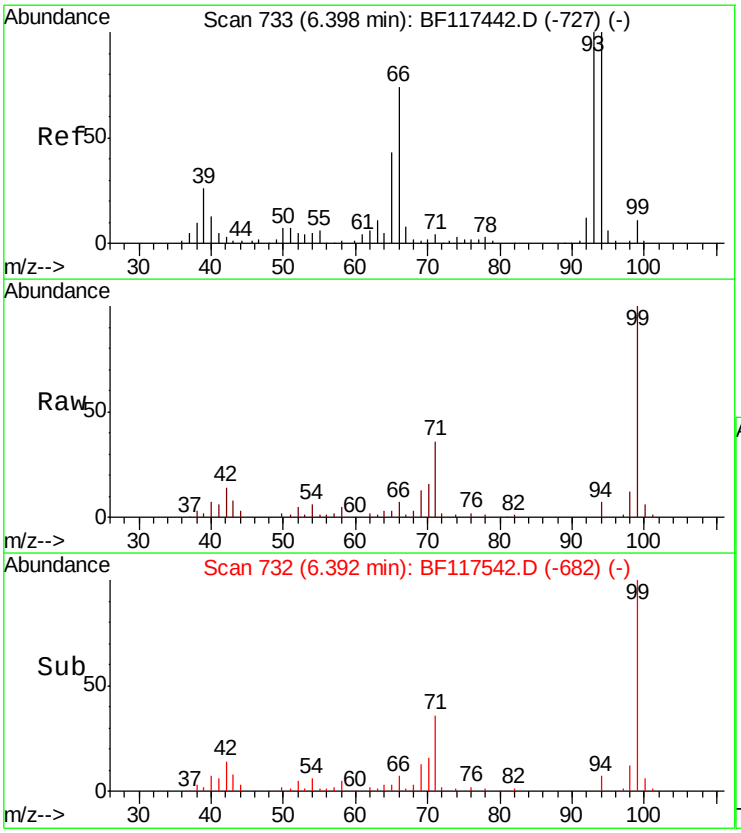
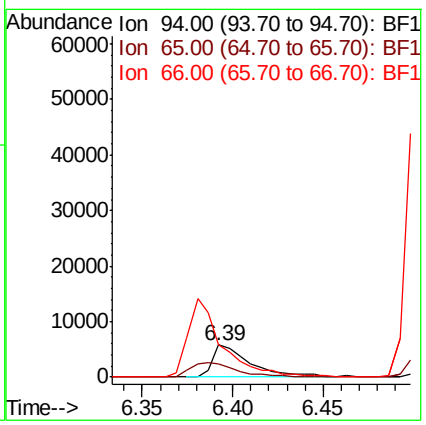
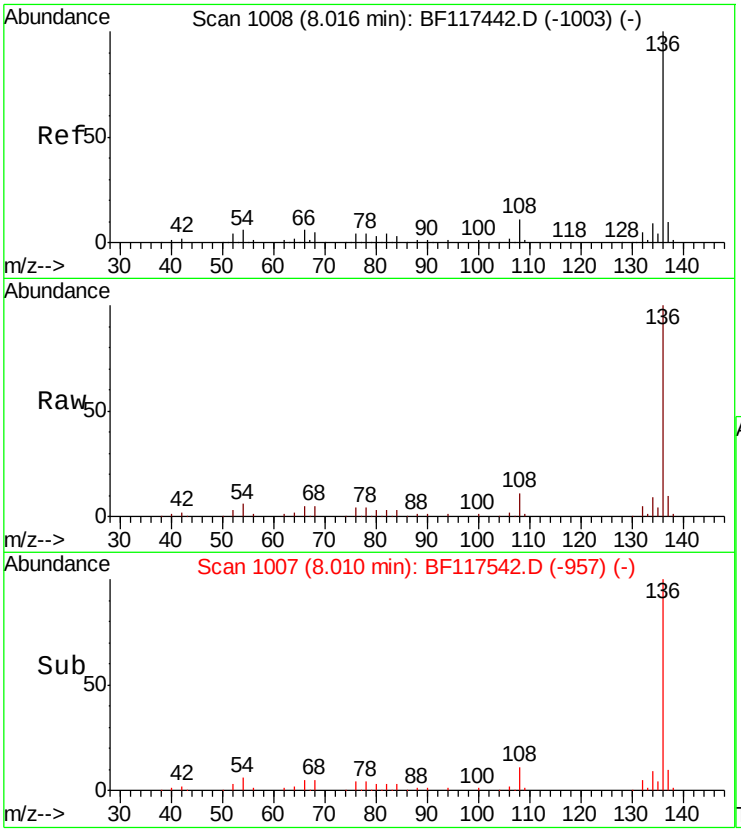


#10
Phenol
Concen: 2.601 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF117542.D
Acq: 25 Oct 2019 18:00

Tgt Ion: 94 Resp: 8209

Ion	Ratio	Lower	Upper
94	100		
65	40.8	23.4	63.4
66	99.8	54.7	94.7#

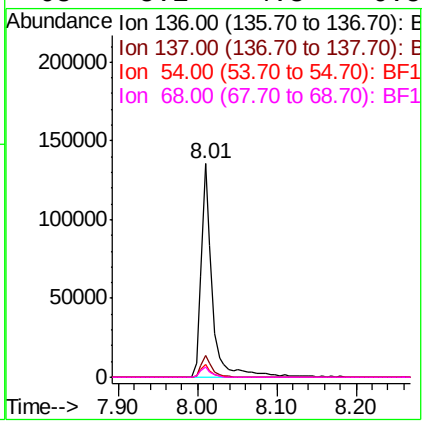




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117542.D
Acq: 25 Oct 2019 18:00

Tgt Ion:136 Resp: 135703

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.2	12.4
54	6.0	4.5	6.7
68	5.1	4.3	6.5



Instrument :
BNA_F
ClientSampleId :
CHRT-26706

Manual Integrations APPROVED
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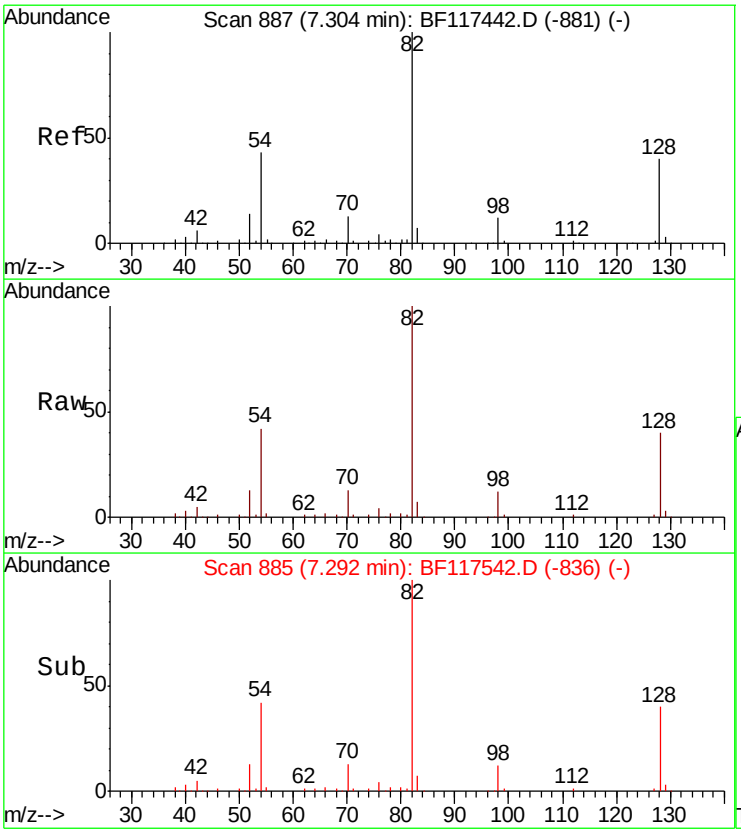
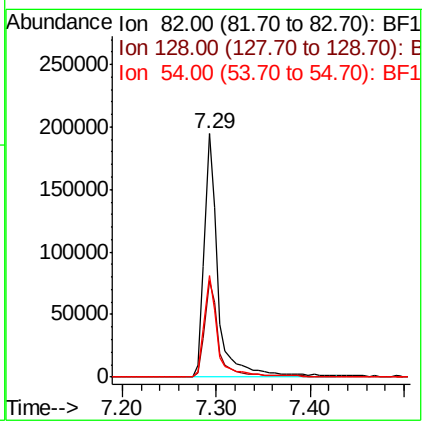
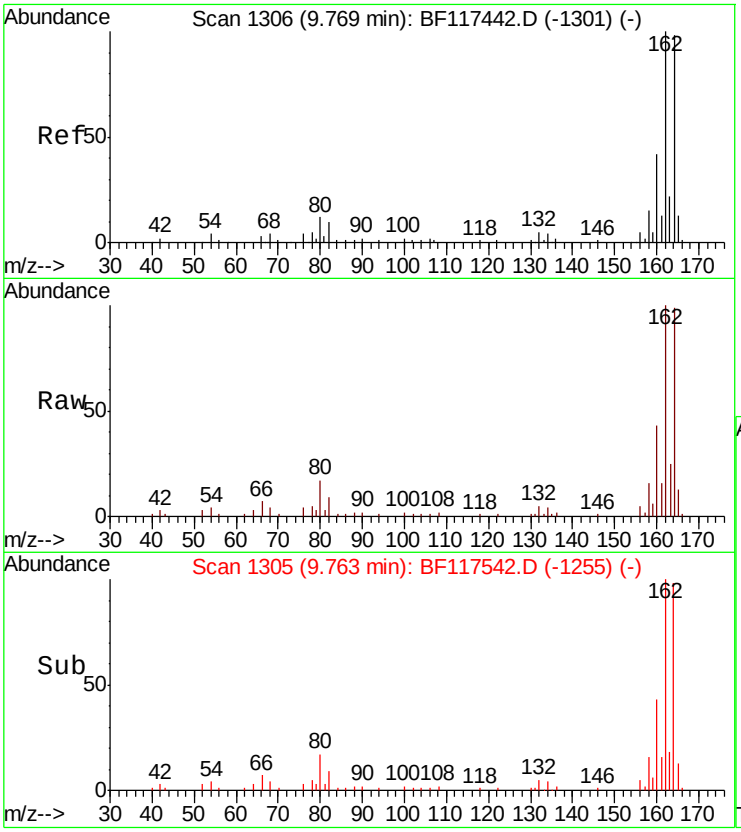


#23
Nitrobenzene-d5
Concen: 73.865 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF117542.D
Acq: 25 Oct 2019 18:00

Tgt Ion: 82 Resp: 203042

Ion	Ratio	Lower	Upper
82	100		
128	39.7	32.2	48.2
54	41.6	34.2	51.2

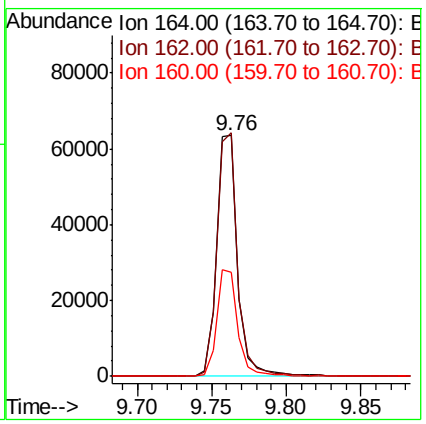




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117542.D
Acq: 25 Oct 2019 18:00

Tgt Ion:164 Resp: 62812

Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.8	122.6
160	43.5	34.4	51.6



Instrument :
BNA_F
ClientSampleId :
CHRT-26706

Manual Integrations APPROVED
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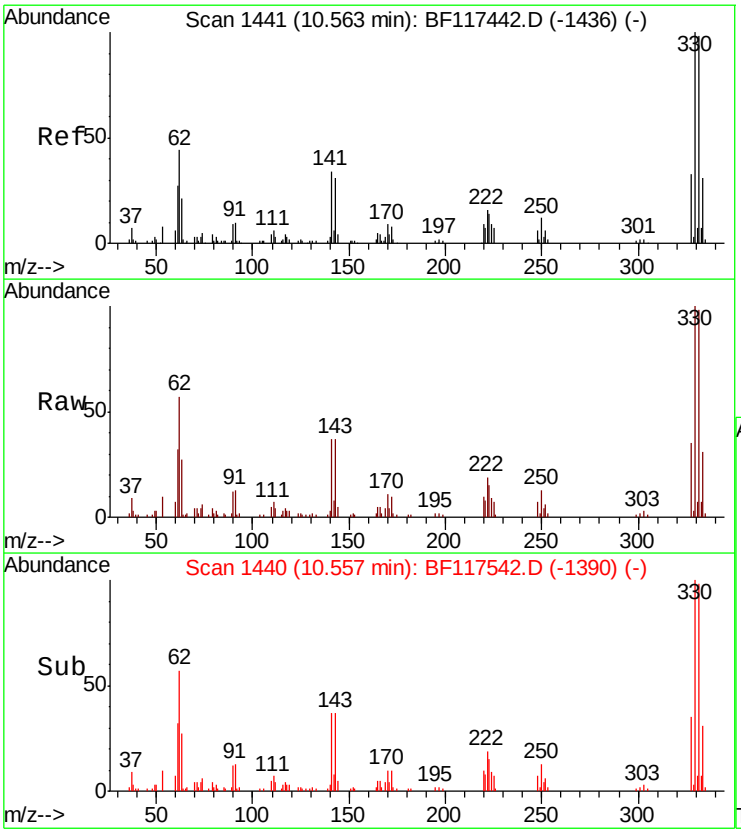
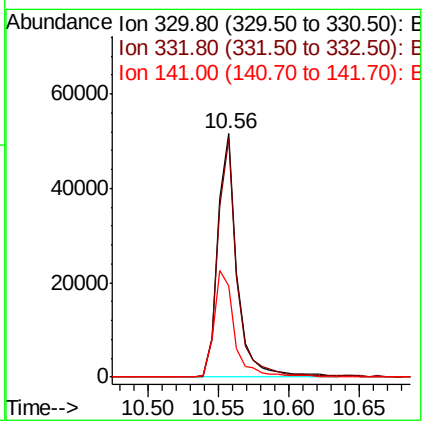
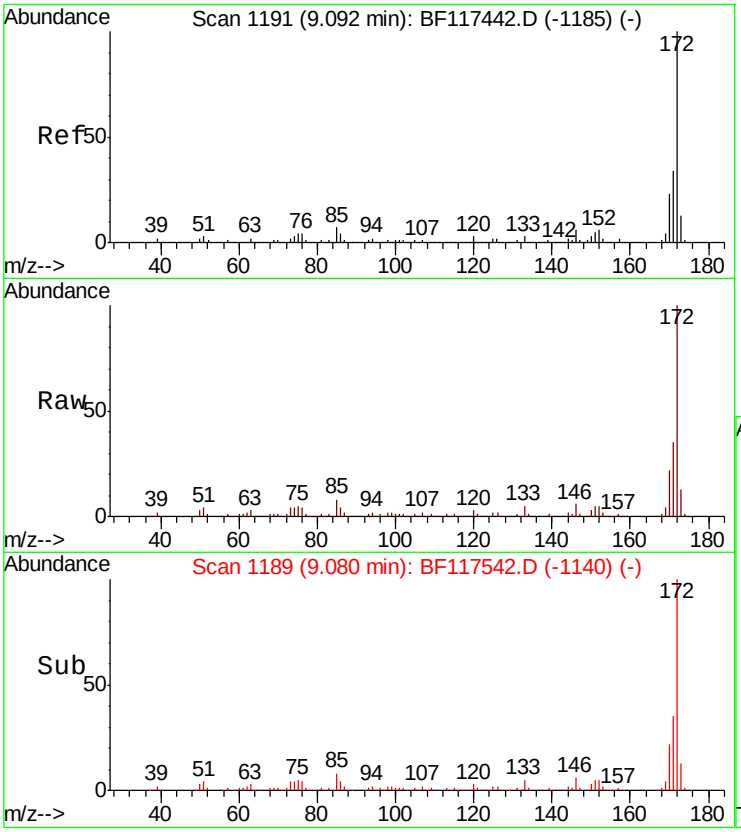


#42
2,4,6-Tribromophenol
Concen: 90.536 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF117542.D
Acq: 25 Oct 2019 18:00

Tgt Ion:330 Resp: 49205

Ion	Ratio	Lower	Upper
330	100		
332	97.8	78.5	117.7
141	46.5	37.0	55.6

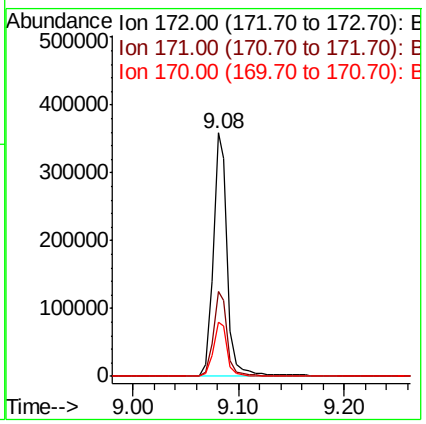




#45
2-Fluorobiphenyl
Concen: 76.740 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117542.D
Acq: 25 Oct 2019 18:00

Tgt Ion:172 Resp: 342104

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.5	41.3
170	22.2	18.6	27.8



Instrument :
BNA_F
ClientSampleId :
CHRT-26706

Manual Integrations APPROVED
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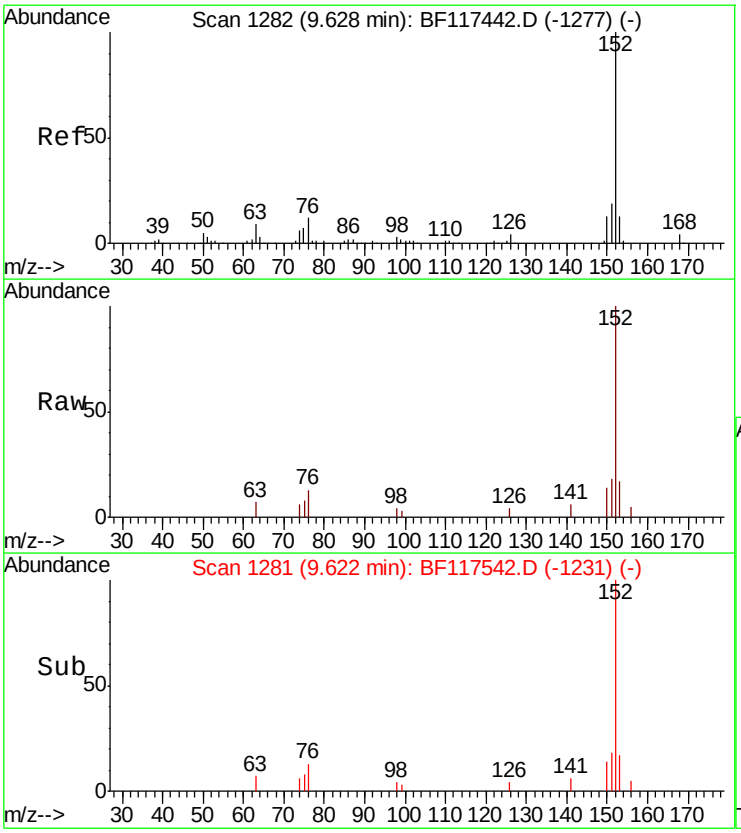
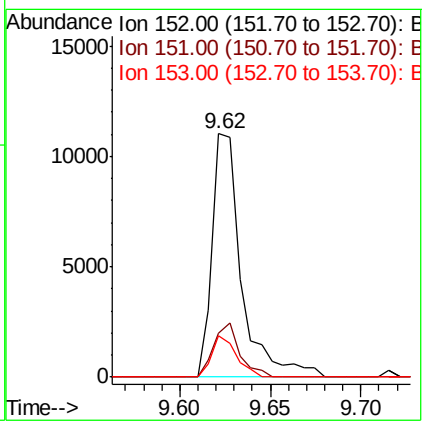
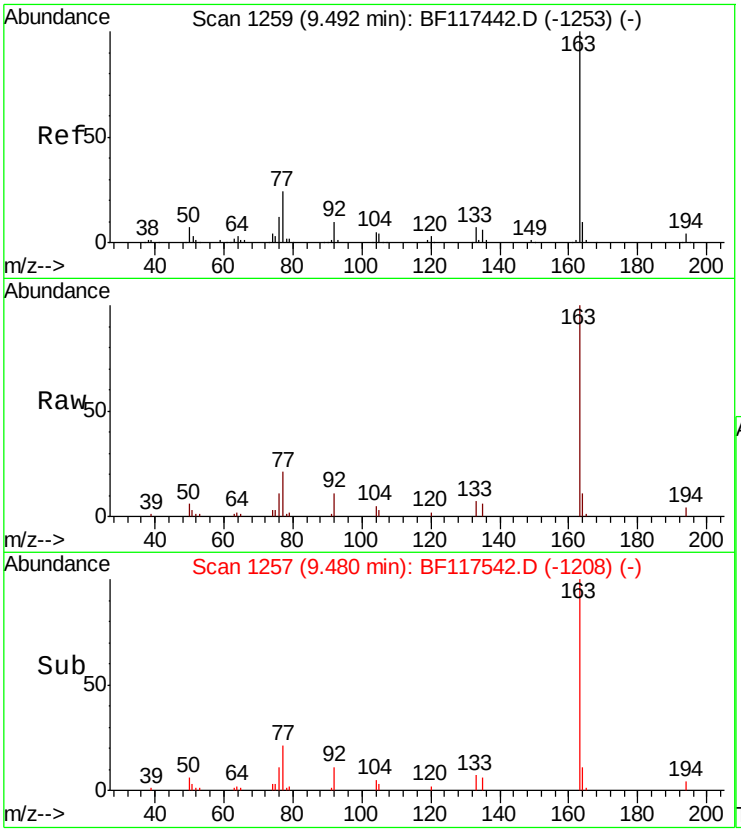


#49
Acenaphthylene
Concen: 2.149 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF117542.D
Acq: 25 Oct 2019 18:00

Tgt Ion:152 Resp: 12373

Ion	Ratio	Lower	Upper
152	100		
151	18.2	15.4	23.0
153	16.9	10.3	15.5#

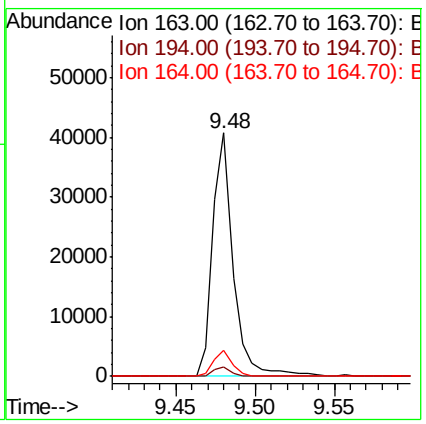




#50
Dimethylphthalate
Concen: 8.203 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117542.D
Acq: 25 Oct 2019 18:00

Tgt Ion:163 Resp: 36732

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.9	4.3
164	10.5	8.2	12.2



Instrument :
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ClientSampleId :
CHRT-26706

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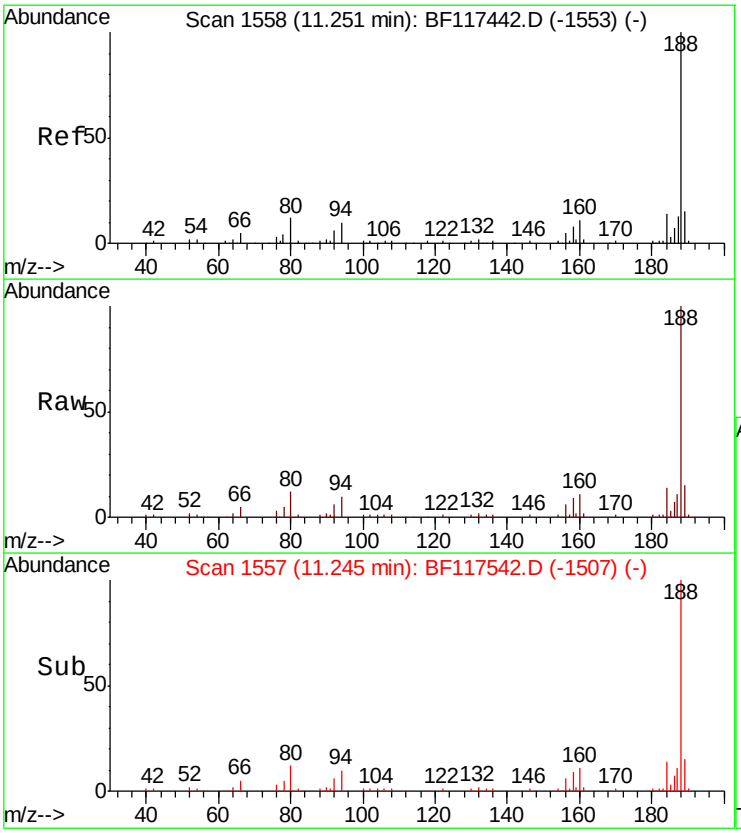
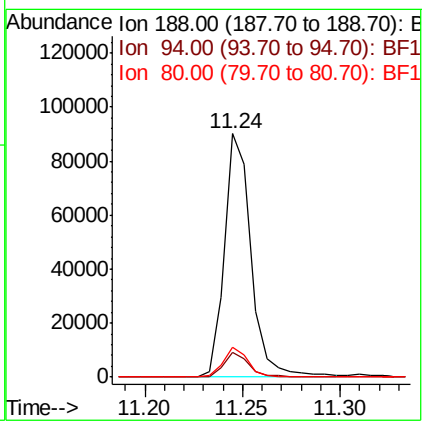
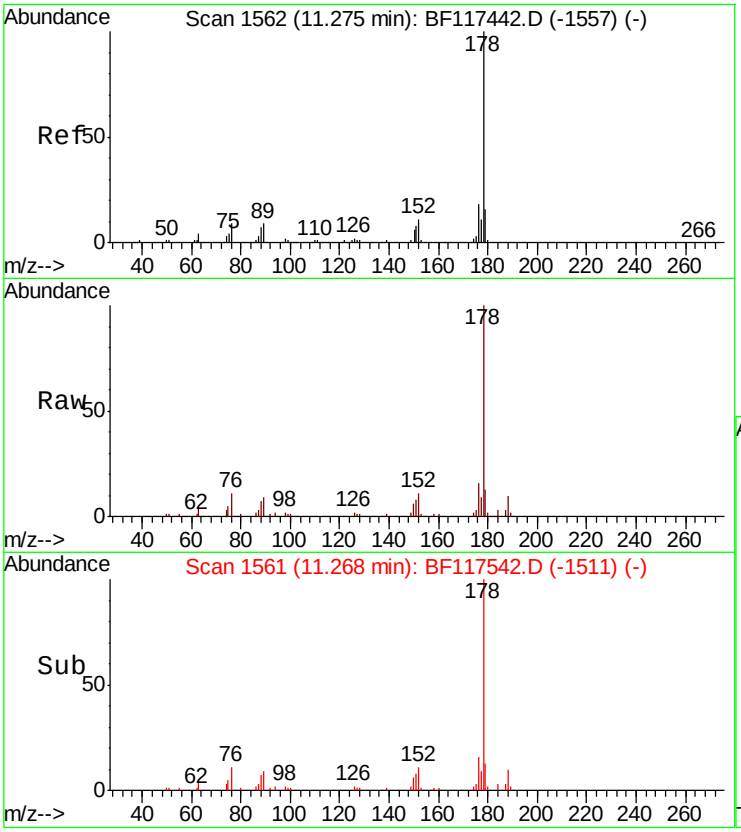


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF117542.D
Acq: 25 Oct 2019 18:00

Tgt Ion:188 Resp: 85393

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.0	12.0
80	12.3	9.5	14.3

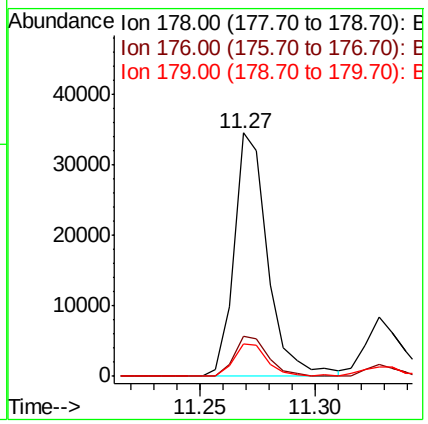




#71
Phenanthrene
Concen: 7.102 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF117542.D
Acq: 25 Oct 2019 18:00

Tgt Ion:178 Resp: 35215

Ion	Ratio	Lower	Upper
178	100		
176	16.2	14.6	22.0
179	13.2	12.6	19.0



Instrument :
BNA_F
ClientSampleId :
CHRT-26706

Manual Integrations APPROVED
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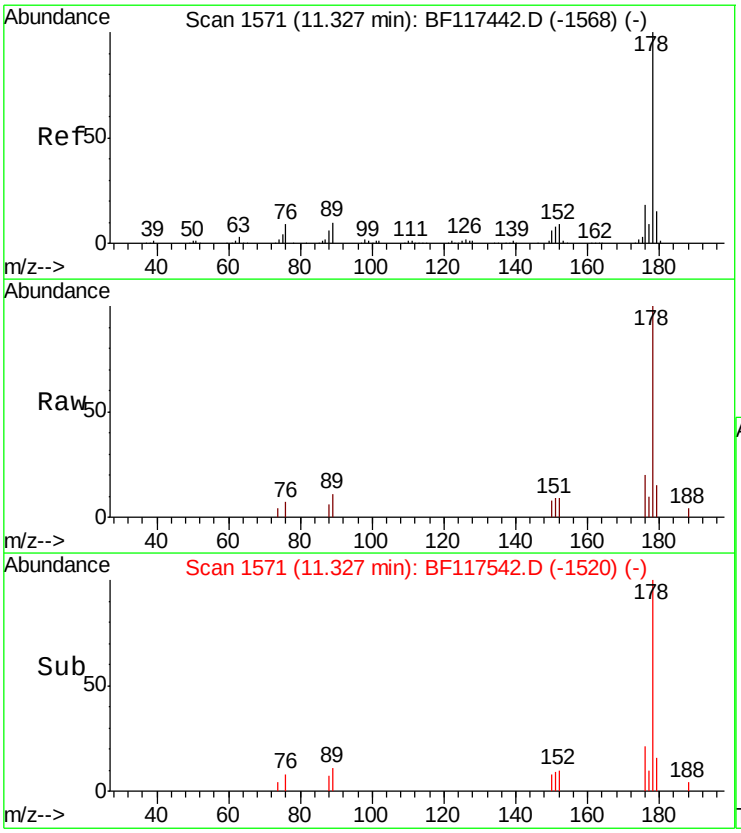
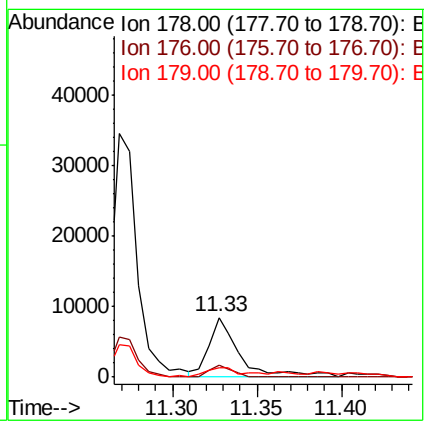
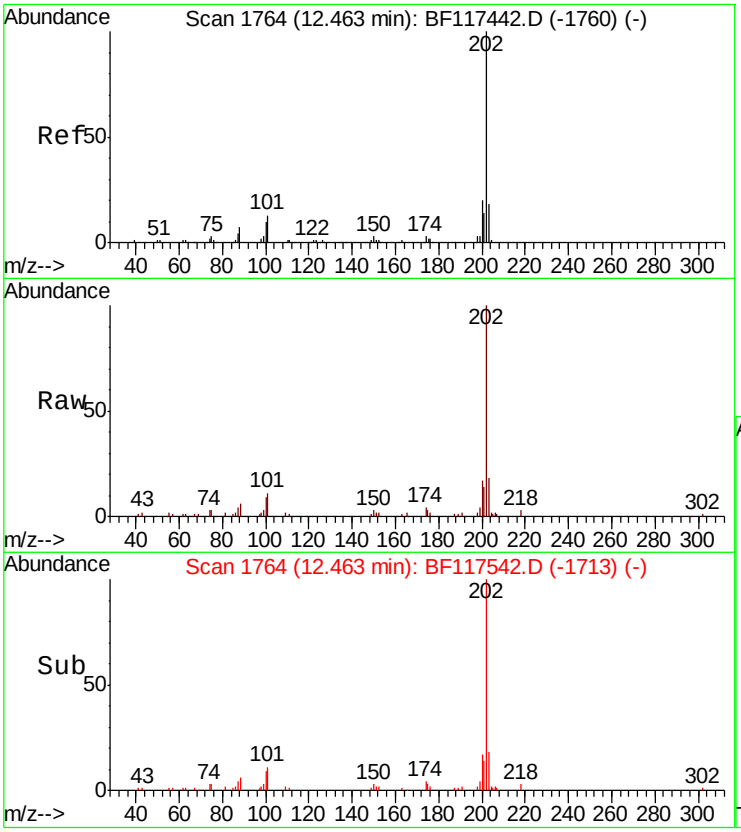


#72
Anthracene
Concen: 2.124 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF117542.D
Acq: 25 Oct 2019 18:00

Tgt Ion:178 Resp: 10804

Ion	Ratio	Lower	Upper
178	100		
176	19.7	14.7	22.1
179	15.1	12.2	18.2

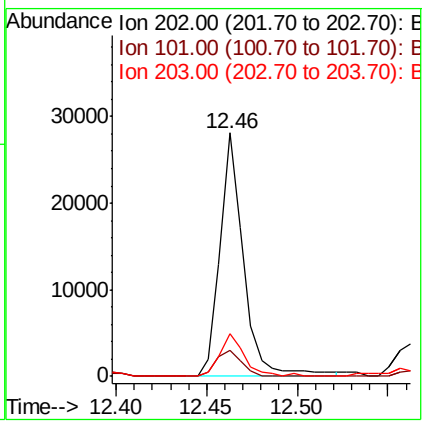




#75
Fluoranthene
Concen: 5.114 ng
RT: 12.46 min Scan# 1764
Delta R.T. -0.00 min
Lab File: BF117542.D
Acq: 25 Oct 2019 18:00

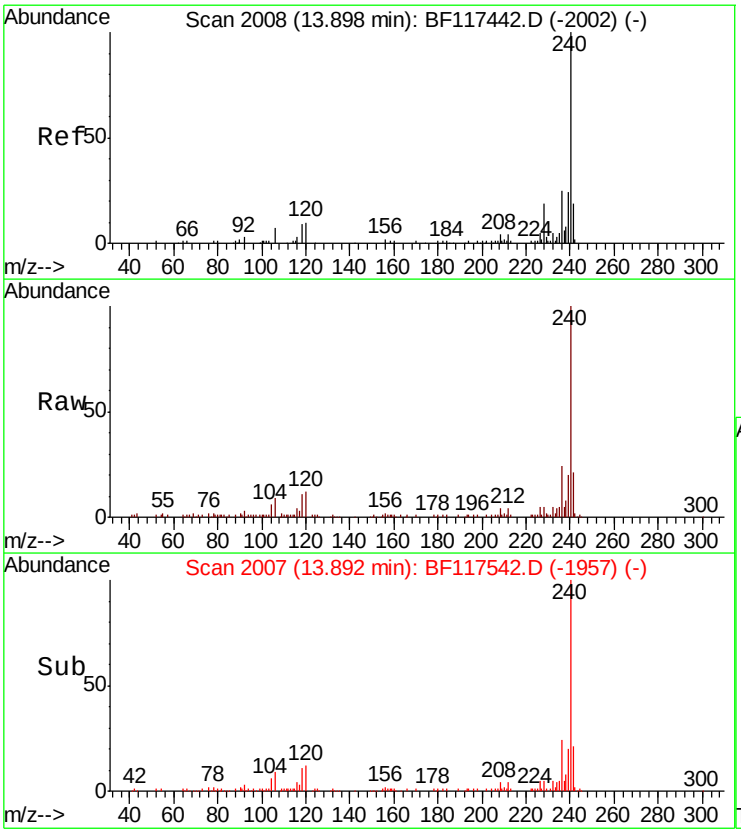
Tgt Ion:202 Resp: 25385

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	32.7
203	17.7	0.0	37.6



Instrument :
BNA_F
ClientSampleId :
CHRT-26706

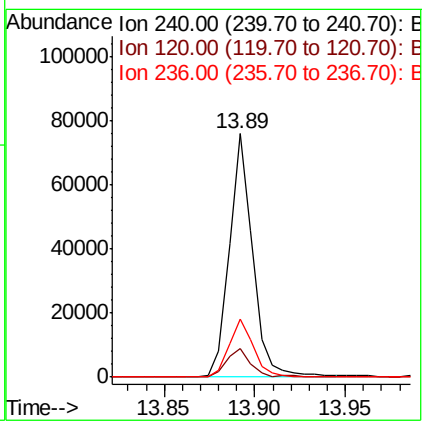
Manual Integrations APPROVED
mohammad
10/29/2019 3:33:31 PM

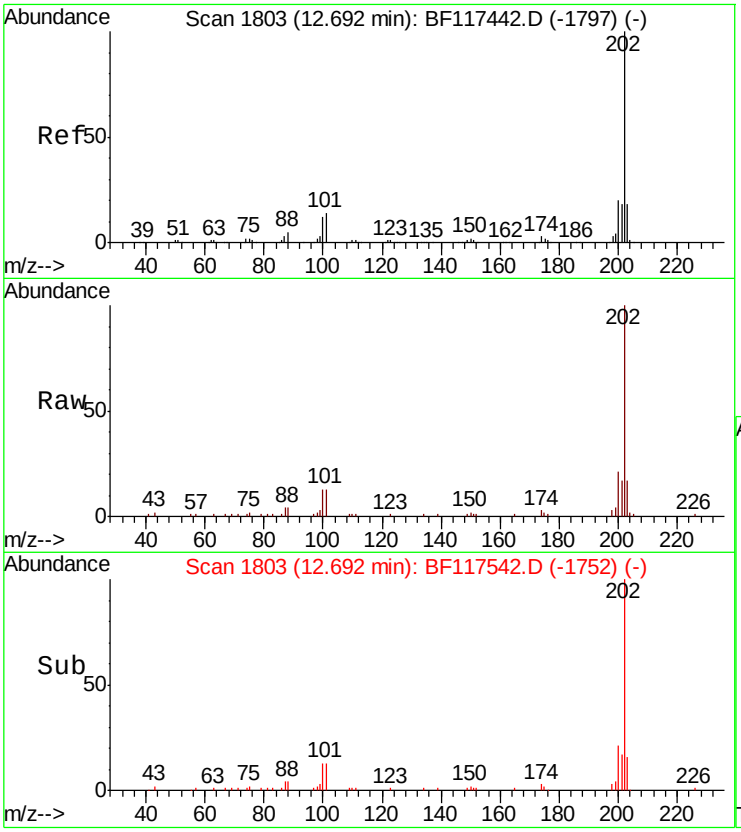


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF117542.D
Acq: 25 Oct 2019 18:00

Tgt Ion:240 Resp: 68365

Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.4	12.6
236	23.6	20.0	30.0

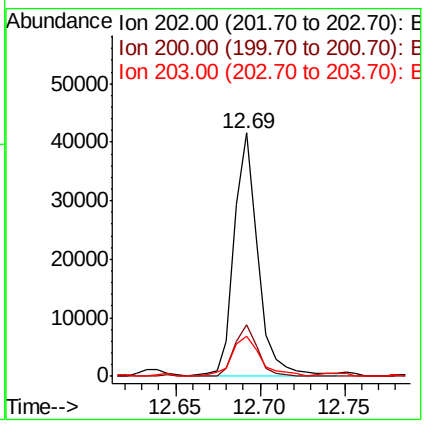




#78
Pyrene
Concen: 6.976 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.00 min
Lab File: BF117542.D
Acq: 25 Oct 2019 18:00

Tgt Ion:202 Resp: 40965

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.2	24.2
203	16.6	14.0	21.0



Instrument :
BNA_F
ClientSampleId :
CHRT-26706

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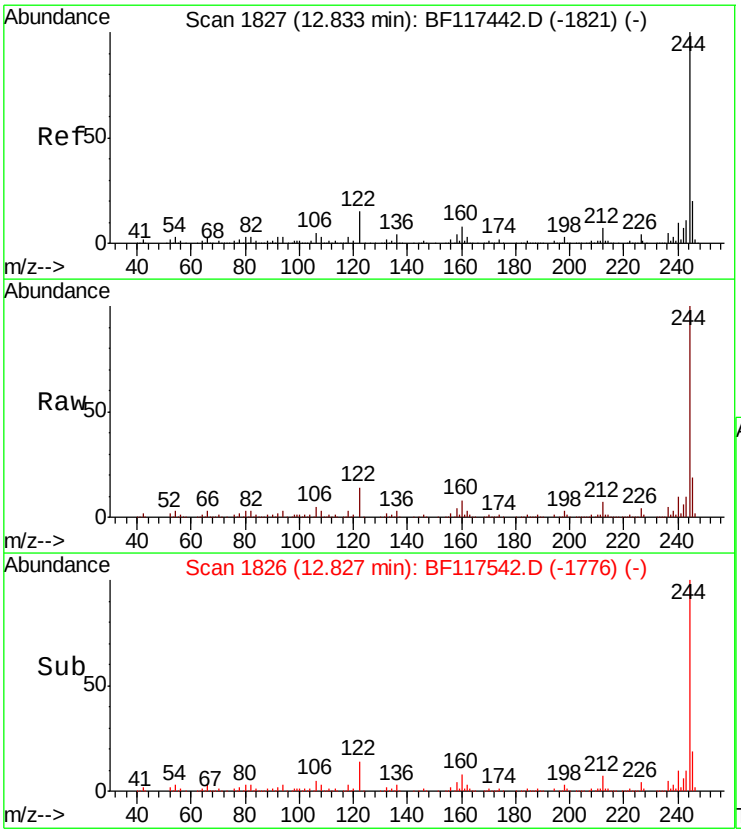
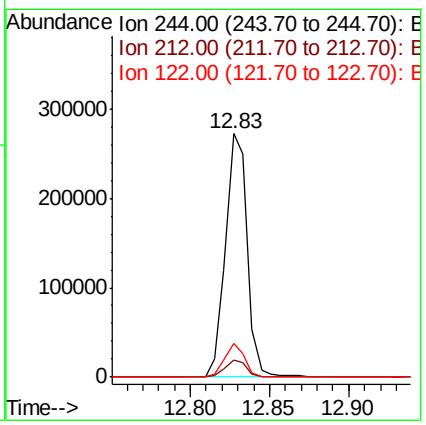
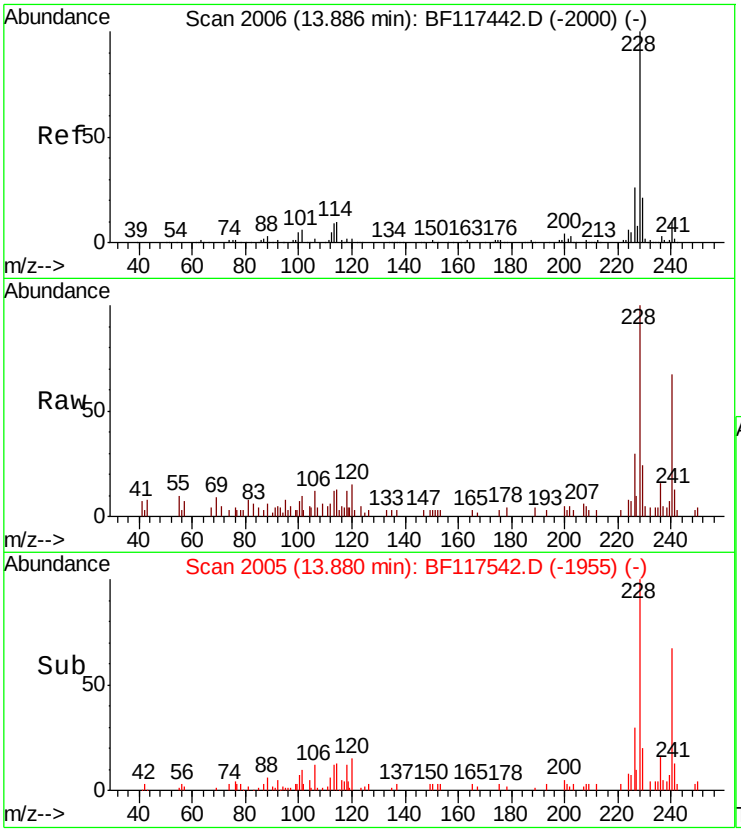


#79
Terphenyl-d14
Concen: 62.067 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF117542.D
Acq: 25 Oct 2019 18:00

Tgt Ion:244 Resp: 260140

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	14.1	11.8	17.8

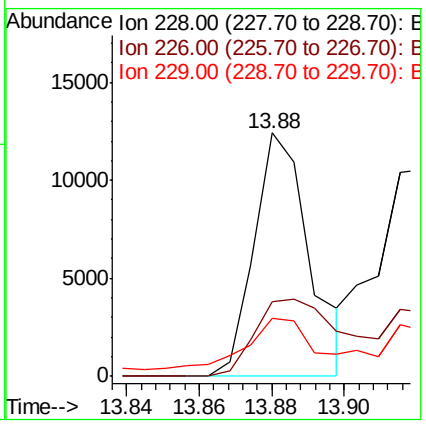




#81
Benzo(a)anthracene
Concen: 2.856 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF117542.D
Acq: 25 Oct 2019 18:00

Tgt Ion:228 Resp: 13169

Ion	Ratio	Lower	Upper
228	100		
226	30.4	21.0	31.4
229	23.6	16.4	24.6



Instrument :
BNA_F
ClientSampleId :
CHRT-26706

Manual Integrations APPROVED
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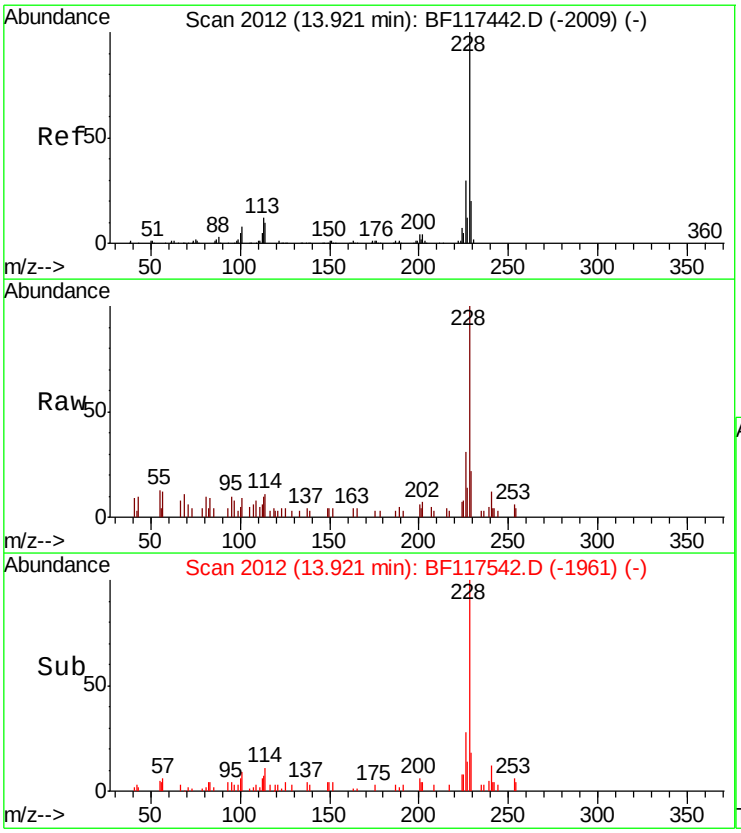
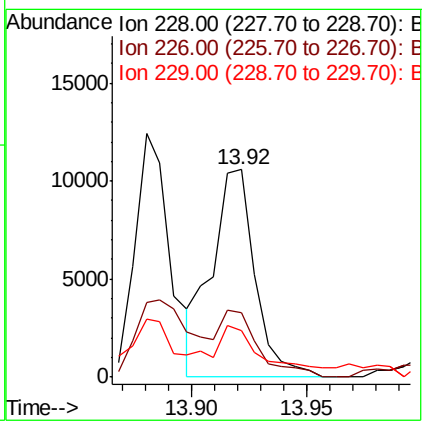
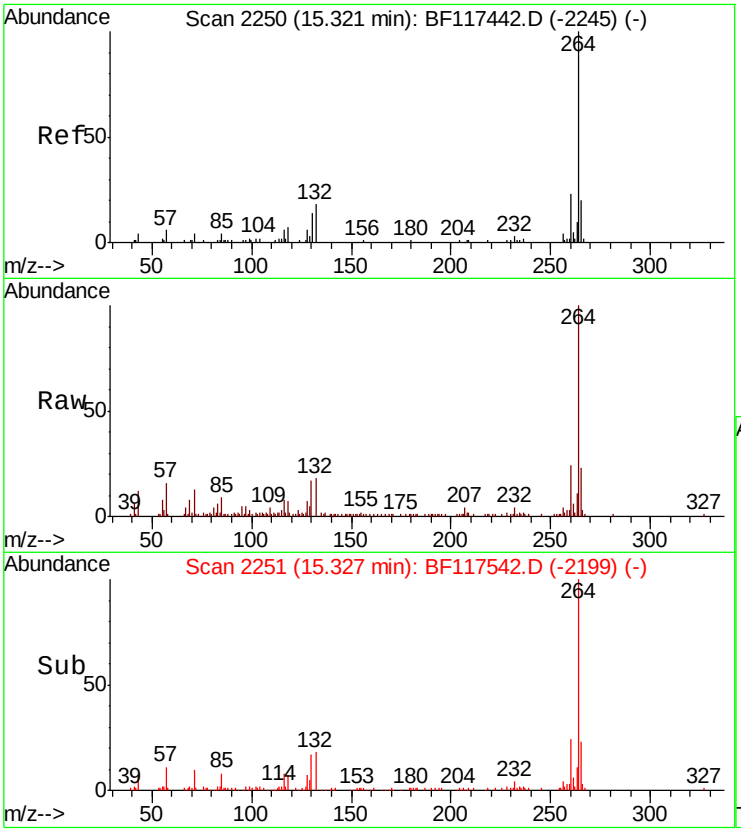


#83
Chrysene
Concen: 3.072 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BF117542.D
Acq: 25 Oct 2019 18:00

Tgt Ion:228 Resp: 13883

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.9	35.9
229	22.4	15.8	23.6

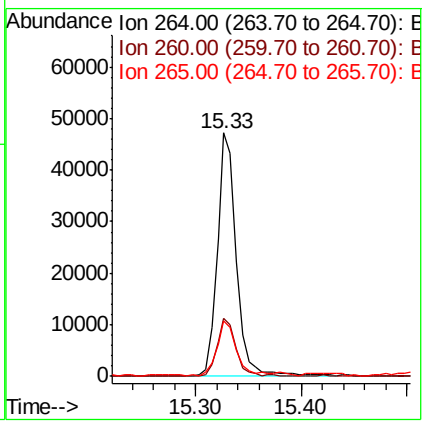




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BF117542.D
Acq: 25 Oct 2019 18:00

Tgt Ion:264 Resp: 59777

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.4	27.6
265	22.5	16.1	24.1



Instrument :
BNA_F
ClientSampleId :
CHRT-26706

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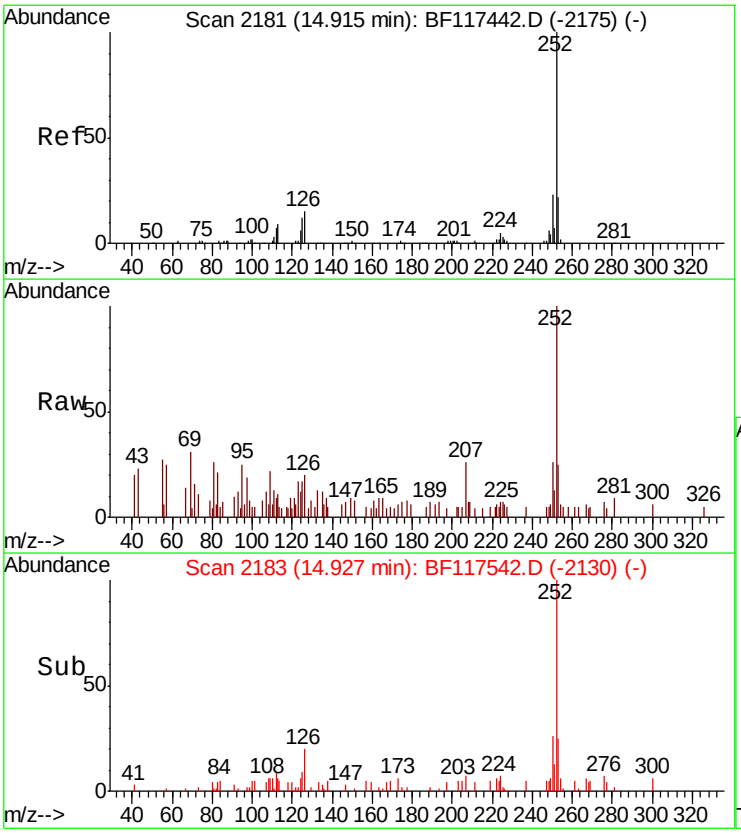
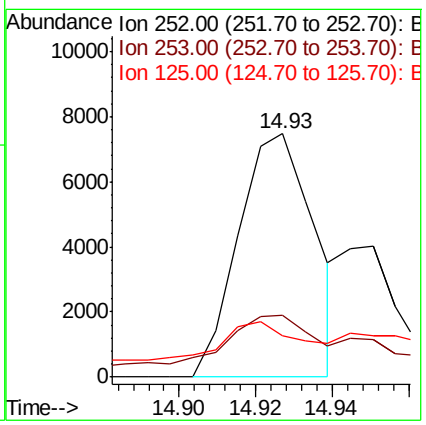
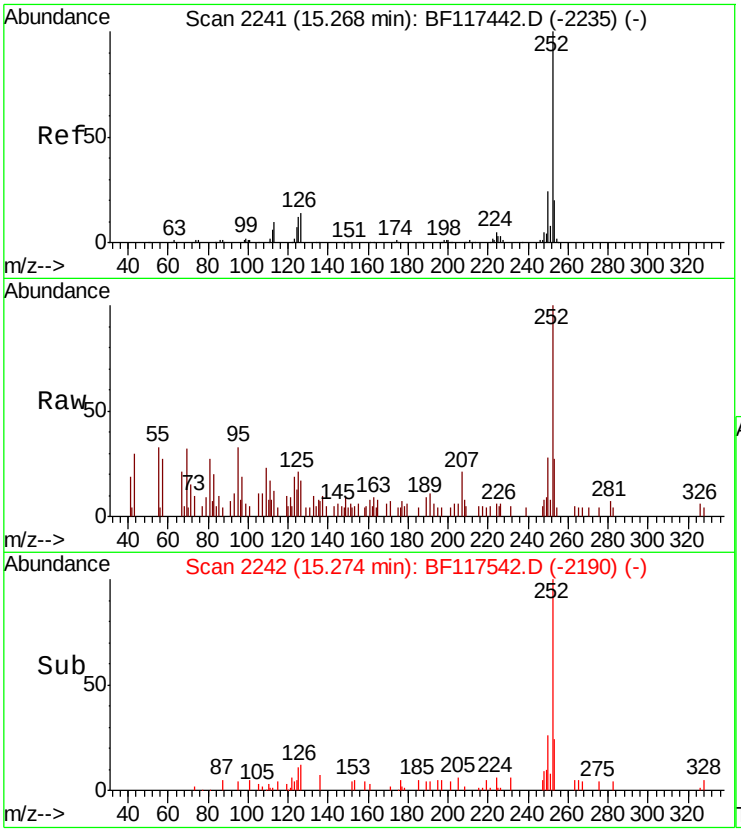


#88
Benzo(b)fluoranthene
Concen: 2.932 ng m
RT: 14.93 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BF117542.D
Acq: 25 Oct 2019 18:00

Tgt Ion:252 Resp: 10349

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.8	26.6
125	17.1	9.9	14.9#





#90
Benzo(a)pyrene
Concen: 3.162 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF117542.D
Acq: 25 Oct 2019 18:00

Tgt Ion:252 Resp: 10148

Ion	Ratio	Lower	Upper
252	100		
253	27.2	16.3	24.5#
125	21.3	9.2	13.8#

Instrument :
BNA_F
ClientSampleId :
CHRT-26706

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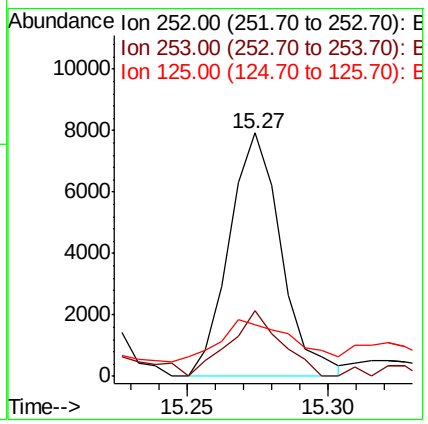

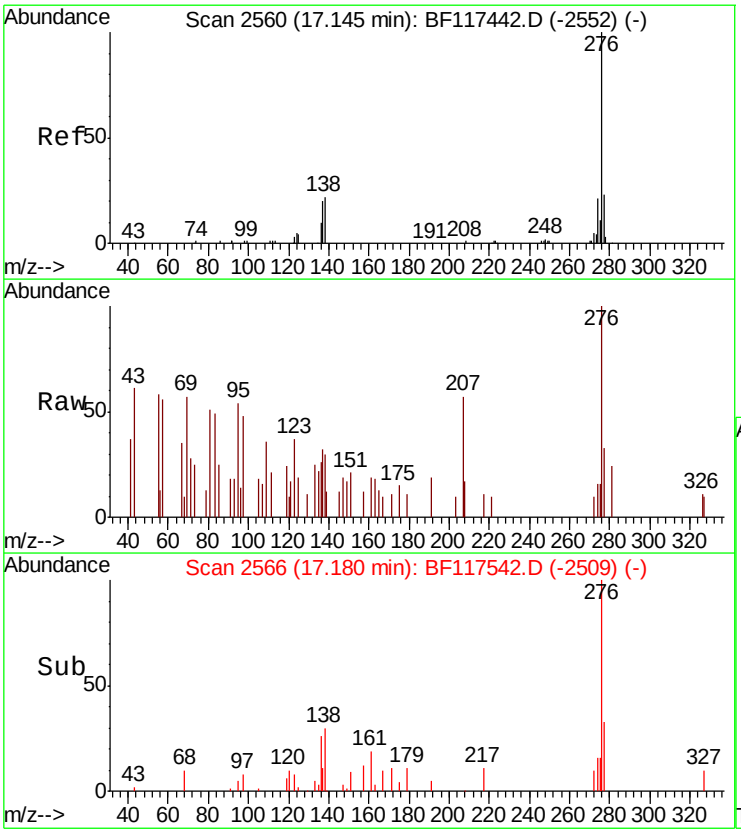

#92
Benzo(g,h,i)perylene
Concen: 2.281 ng
RT: 17.18 min Scan# 2566
Delta R.T. 0.04 min
Lab File: BF117542.D
Acq: 25 Oct 2019 18:00

Tgt Ion:276 Resp: 5990

Ion	Ratio	Lower	Upper
276	100		
277	32.5	18.4	27.6#
138	30.5	17.8	26.6#