Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020819\
Data File : BF112465.D
Acq On : 8 Feb 2019 17:48
Operator : JU/SJ
Sample : K1349-01 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-020719-A

Manual Integrations APPROVED
Sohil
2/11/2019 10:00:39 AM

Quant Time: Feb 09 05:45:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	135305	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	549041	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	256918	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	427670	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	285586	20.00	ng	0.00
87) Perylene-d12	15.47	264	304534	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	94212	14.79	ng	0.00
7) Phenol-d6	6.49	99	120263	13.59	ng	0.00
23) Nitrobenzene-d5	7.40	82	78226	8.21	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	23583	7.89	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	148313	8.16	ng	-0.02
79) Terphenyl-d14	12.94	244	111510	7.35	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.38	178	200038	8.997	ng	97
72) Anthracene	11.44	178	55145	2.490	ng	97
75) Fluoranthene	12.57	202	178380	7.480	ng	98
78) Pyrene	12.80	202	151494	7.662	ng	97
81) Benzo(a)anthracene	13.99	228	55024	3.278	ng	97
83) Chrysene	14.03	228	48069m	3.000	ng	
88) Benzo(b)fluoranthene	15.05	252	46951m	2.578	ng	
90) Benzo(a)pyrene	15.42	252	34655	2.115	ng	# 95

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

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Manual Integrations APPROVED
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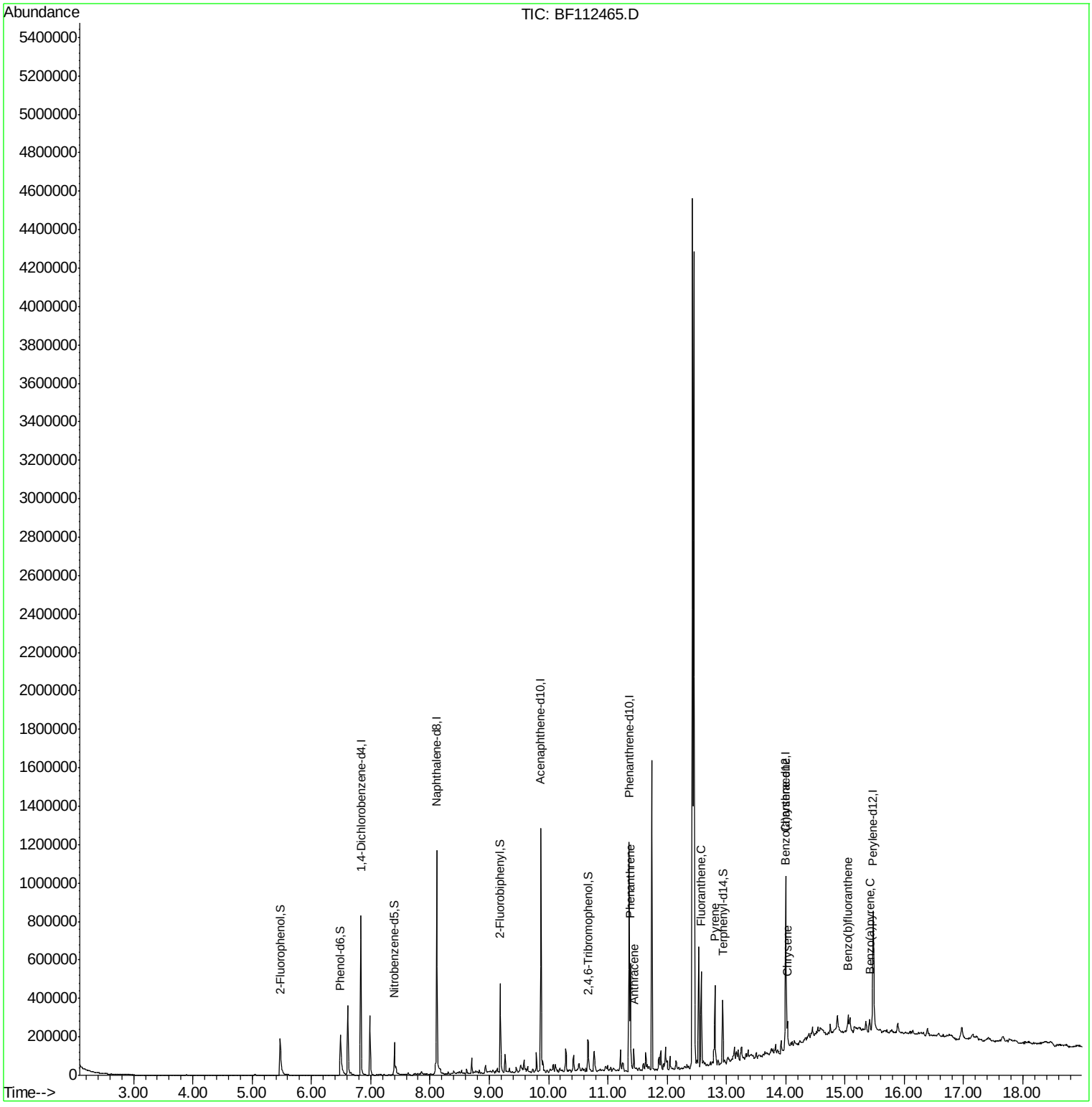
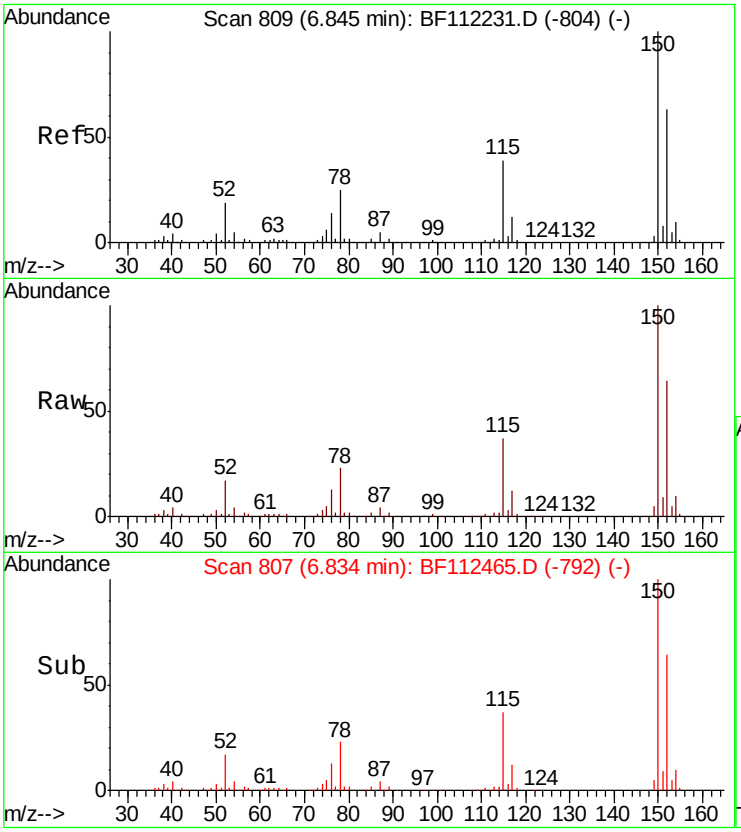
2/11/2019 10:00:39 AM

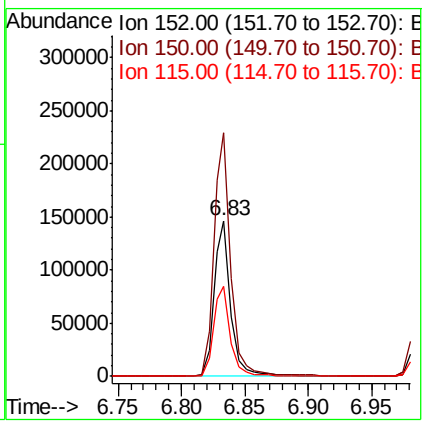




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112465.D
Acq: 8 Feb 2019 17:48

Tgt Ion:152 Resp: 135305

Ion	Ratio	Lower	Upper
152	100		
150	156.3	127.4	191.0
115	58.2	45.5	68.3



Instrument :
BNA_F
ClientSampleId :
OR-03-020719-A

Manual Integrations APPROVED
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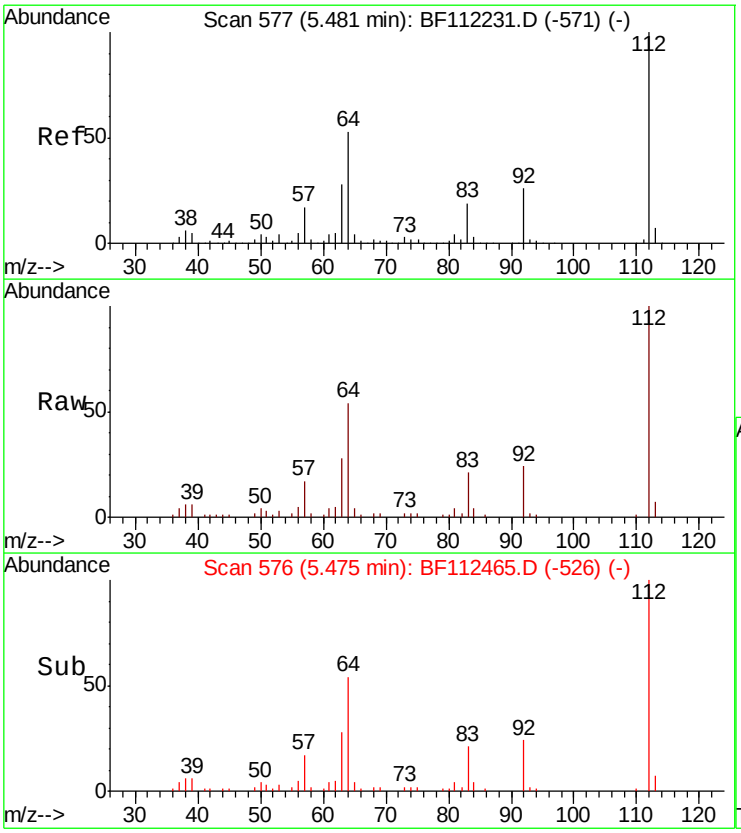
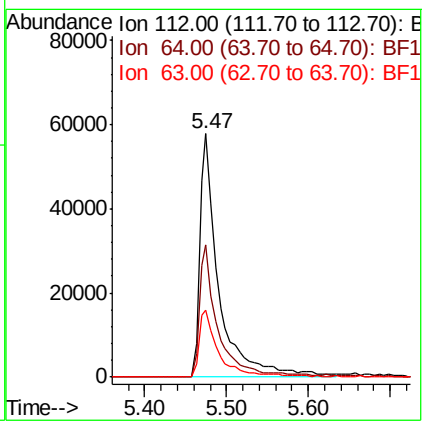
2/11/2019 10:00:39 AM

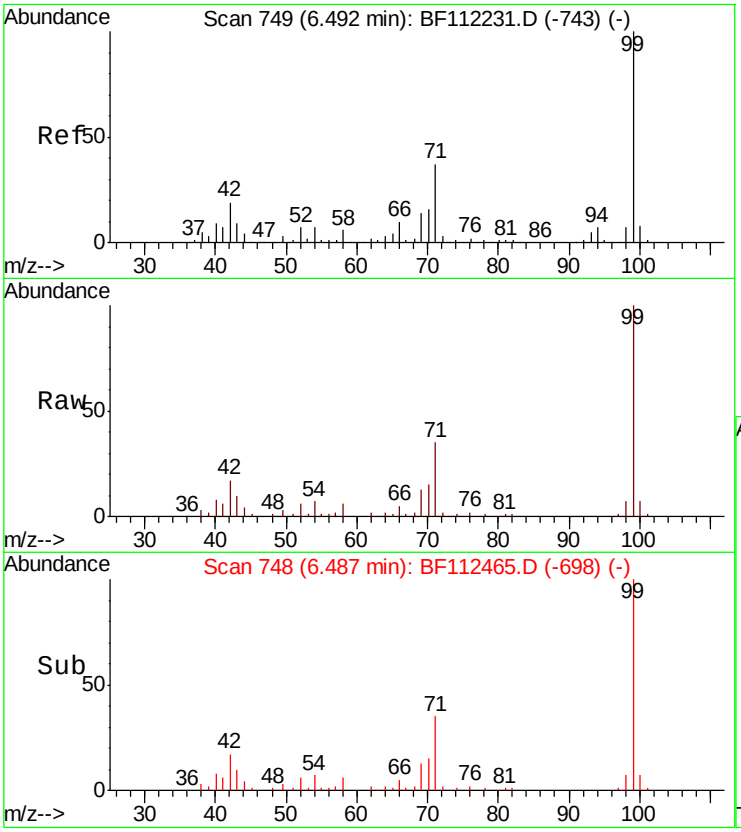


#5
2-Fluorophenol
Concen: 14.790 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112465.D
Acq: 8 Feb 2019 17:48

Tgt Ion:112 Resp: 94212

Ion	Ratio	Lower	Upper
112	100		
64	54.2	45.7	68.5
63	27.7	23.6	35.4

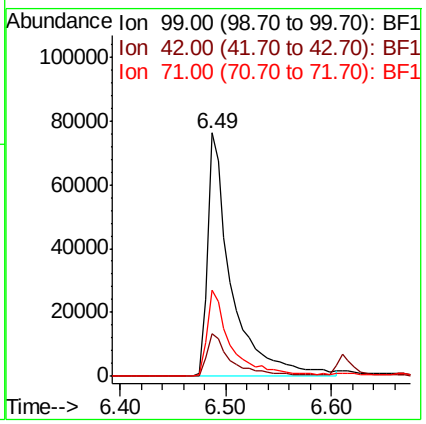




#7
Phenol-d6
Concen: 13.587 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF112465.D
Acq: 8 Feb 2019 17:48

Tgt Ion: 99 Resp: 120263

Ion	Ratio	Lower	Upper
99	100		
42	17.4	15.1	22.7
71	35.2	26.9	40.3



Instrument :
BNA_F
ClientSampleId :
OR-03-020719-A

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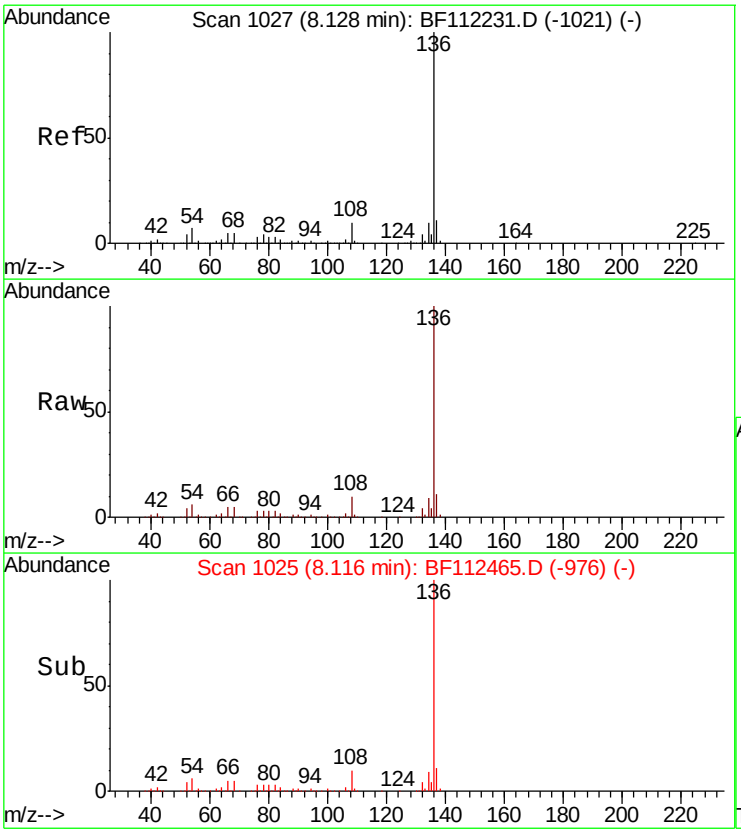
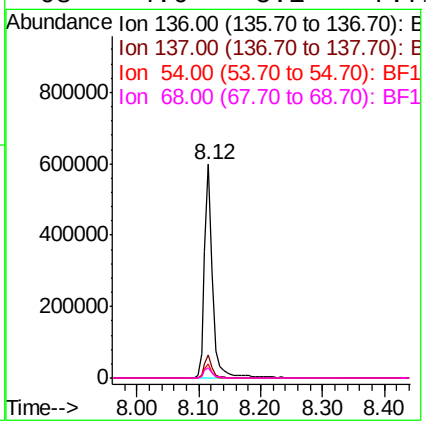
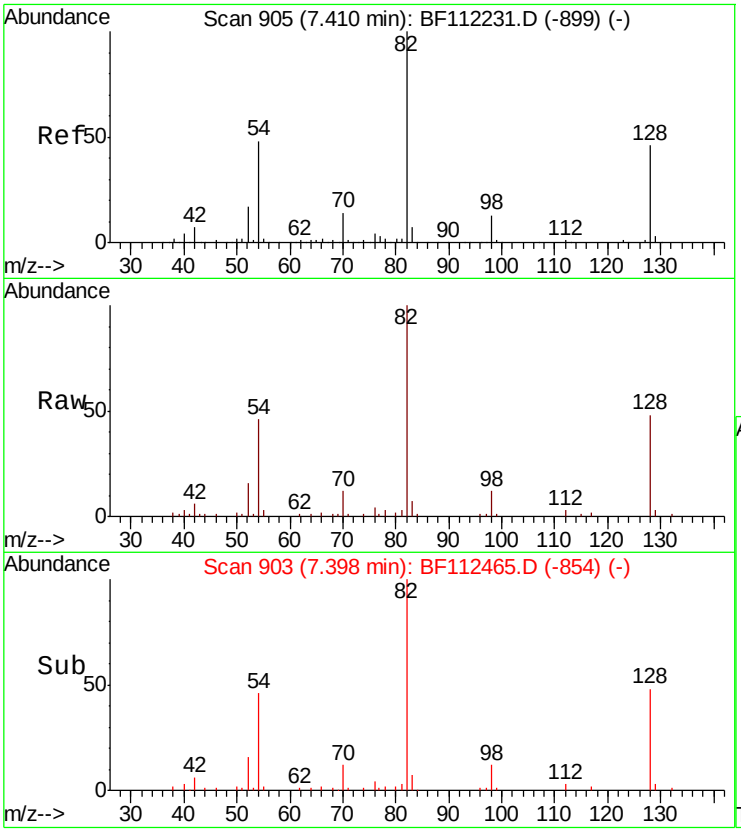


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112465.D
Acq: 8 Feb 2019 17:48

Tgt Ion:136 Resp: 549041

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.4	5.9	8.9
68	4.6	5.1	7.7#

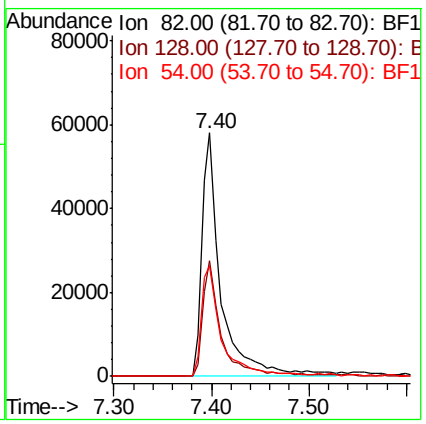




#23
Nitrobenzene-d5
Concen: 8.210 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112465.D
Acq: 8 Feb 2019 17:48

Tgt Ion: 82 Resp: 78226

Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.8	56.8
54	45.5	39.7	59.5



Instrument :
BNA_F
ClientSampleId :
OR-03-020719-A

Manual Integrations APPROVED
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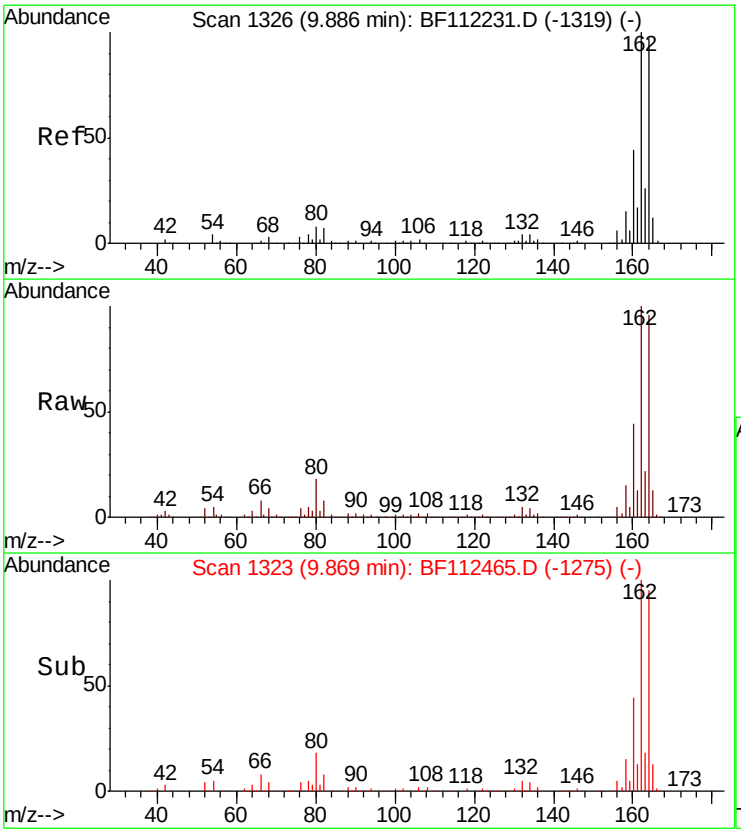
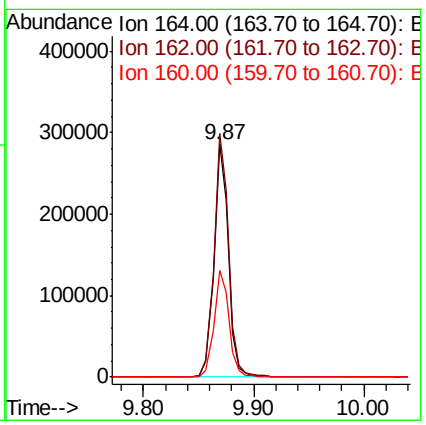
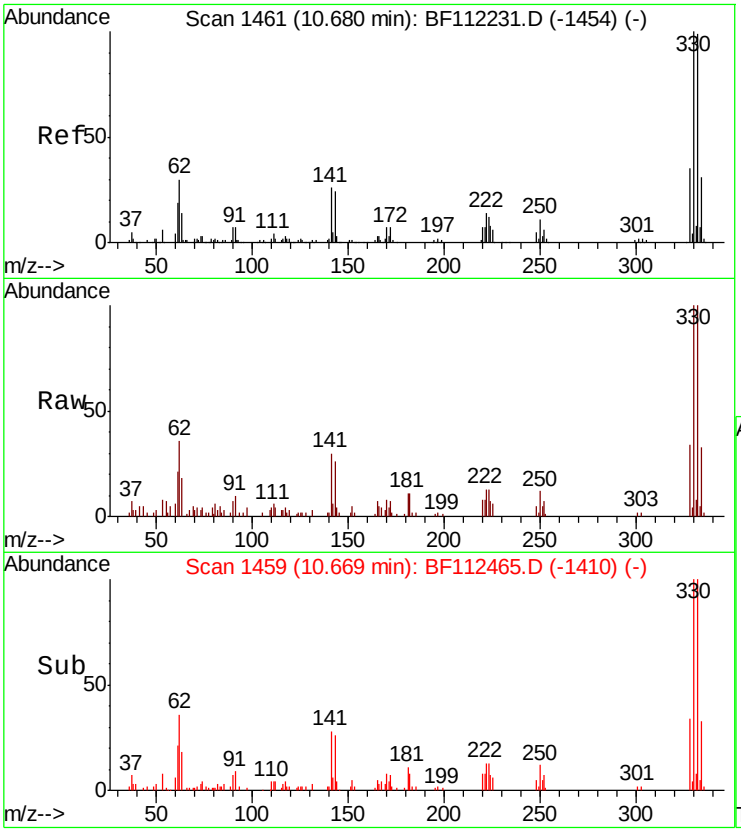


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112465.D
Acq: 8 Feb 2019 17:48

Tgt Ion:164 Resp: 256918

Ion	Ratio	Lower	Upper
164	100		
162	104.5	82.2	123.4
160	45.8	36.2	54.4





#42
2,4,6-Tribromophenol
Concen: 7.886 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF112465.D
Acq: 8 Feb 2019 17:48

Tgt Ion:330 Resp: 23583

Ion	Ratio	Lower	Upper
330	100		
332	100.9	76.6	114.8
141	36.6	24.3	36.5#

Instrument :
BNA_F
ClientSampleId :
OR-03-020719-A

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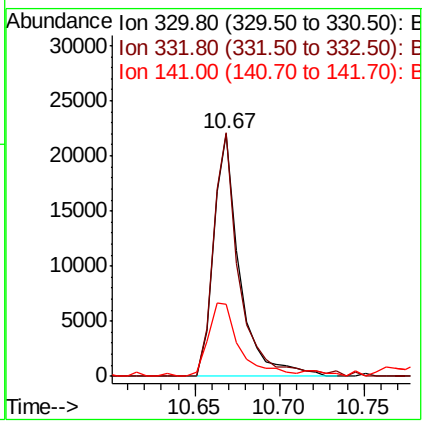
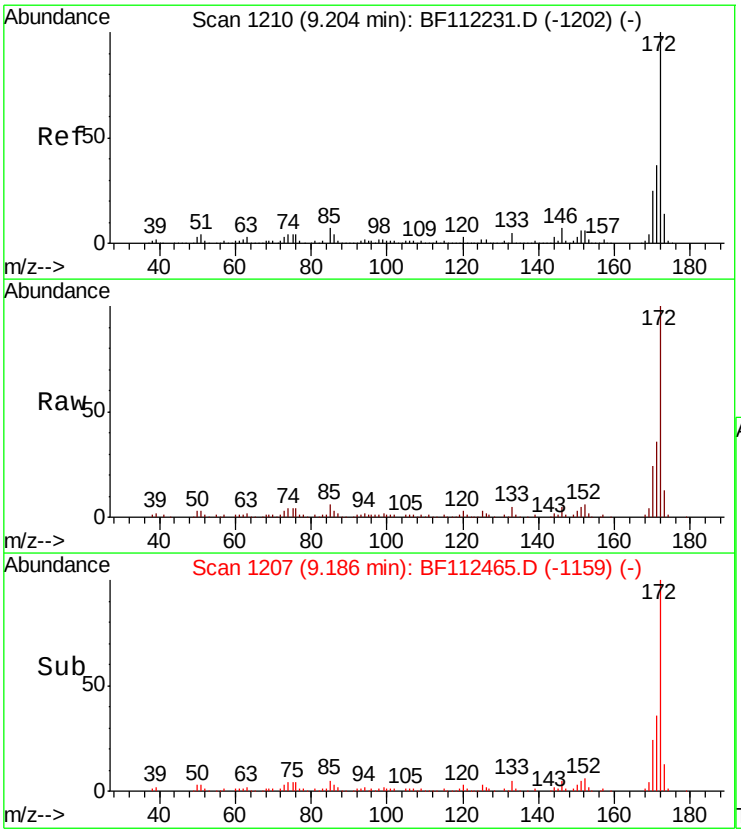
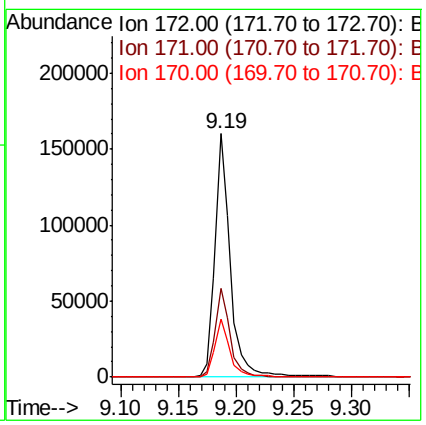


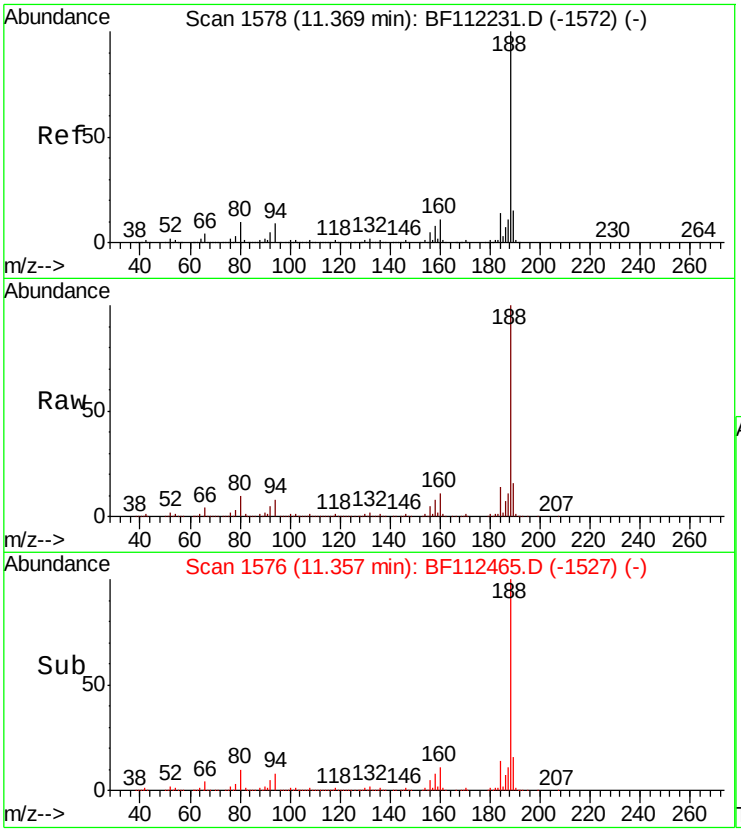


#45
2-Fluorobiphenyl
Concen: 8.165 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112465.D
Acq: 8 Feb 2019 17:48

Tgt Ion:172 Resp: 148313

Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.5	45.7
170	24.1	20.2	30.4

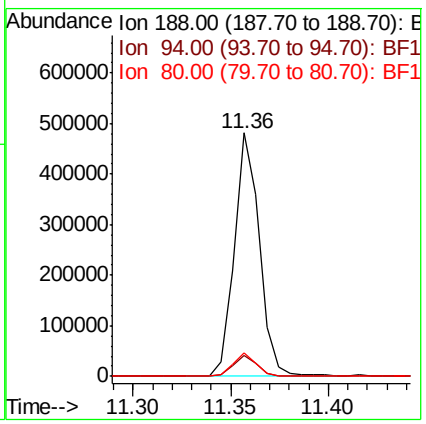




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112465.D
Acq: 8 Feb 2019 17:48

Tgt Ion:188 Resp: 427670

Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.2	12.2
80	9.7	8.9	13.3



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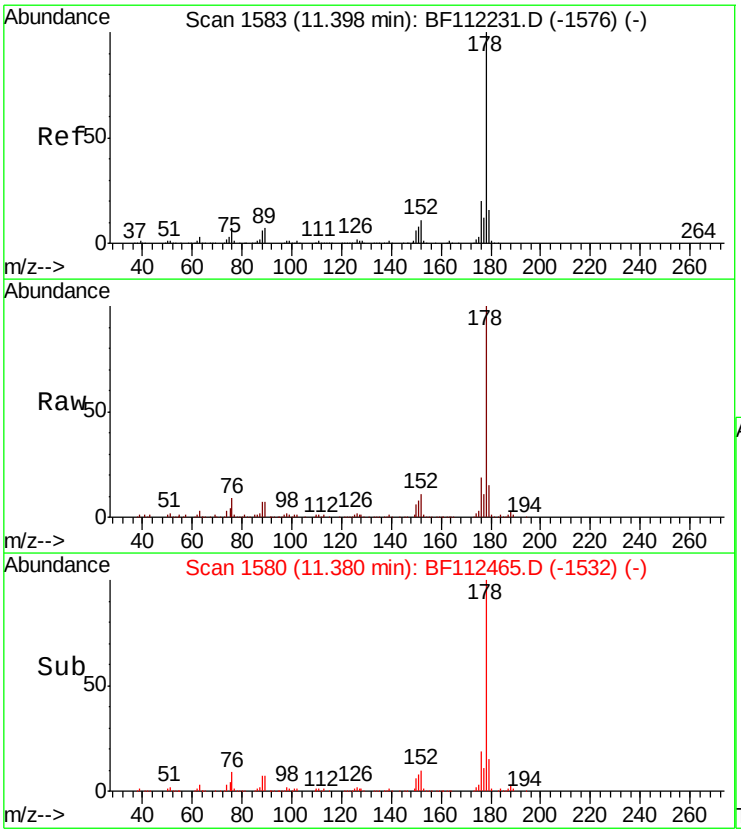
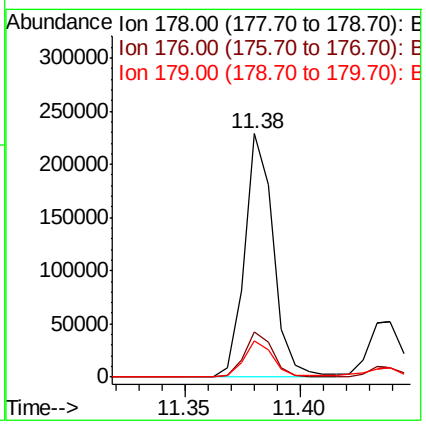
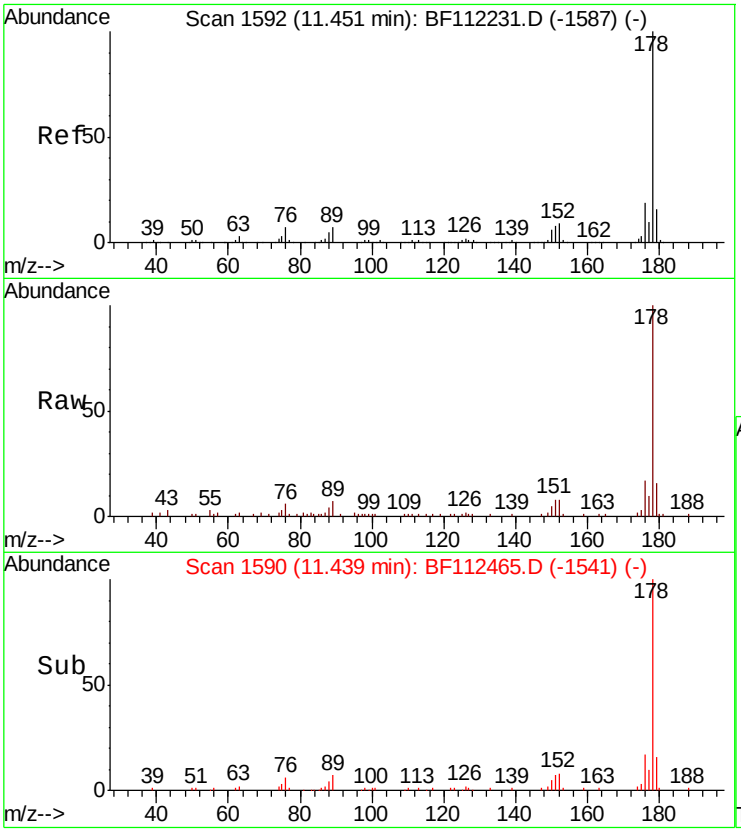


#71
Phenanthrene
Concen: 8.997 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF112465.D
Acq: 8 Feb 2019 17:48

Tgt Ion:178 Resp: 200038

Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.3	24.5
179	15.0	13.0	19.4

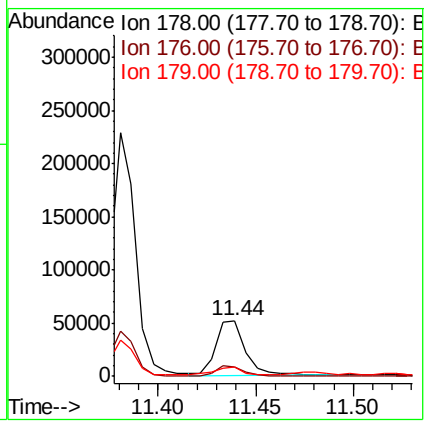




#72
Anthracene
Concen: 2.490 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF112465.D
Acq: 8 Feb 2019 17:48

Tgt Ion:178 Resp: 55145

Ion	Ratio	Lower	Upper
178	100		
176	17.4	15.5	23.3
179	15.8	12.8	19.2



Instrument :
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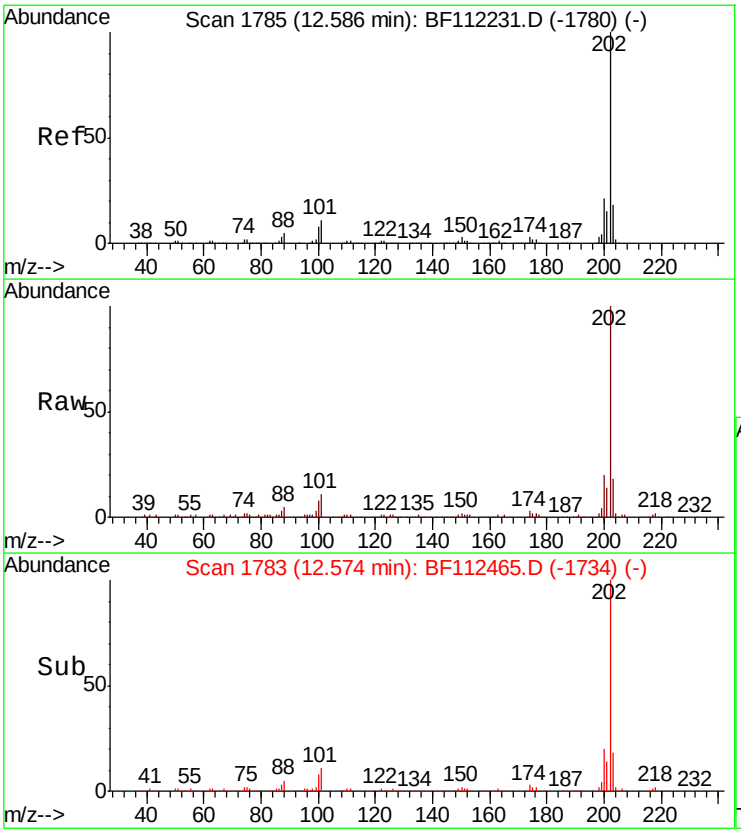
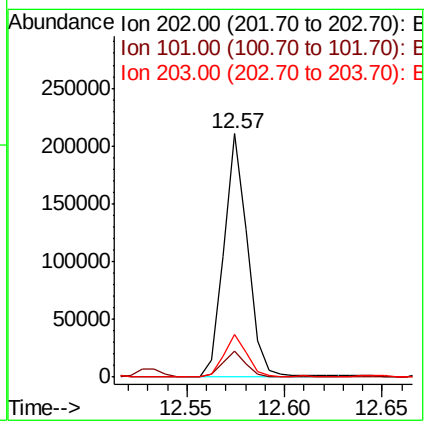
2/11/2019 10:00:39 AM

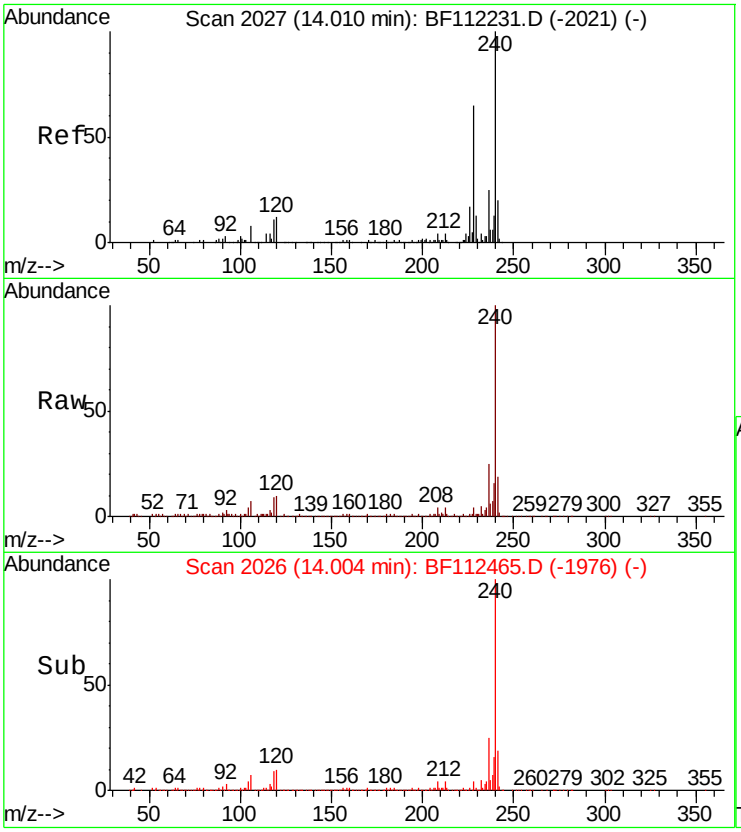


#75
Fluoranthene
Concen: 7.480 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF112465.D
Acq: 8 Feb 2019 17:48

Tgt Ion:202 Resp: 178380

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	31.8
203	17.8	0.0	38.4

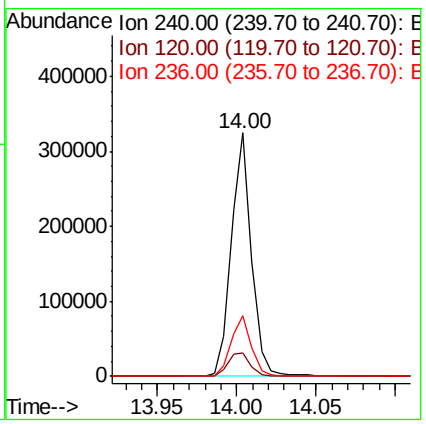




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112465.D
Acq: 8 Feb 2019 17:48

Tgt Ion:240 Resp: 285586

Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.0	13.6
236	24.9	20.7	31.1



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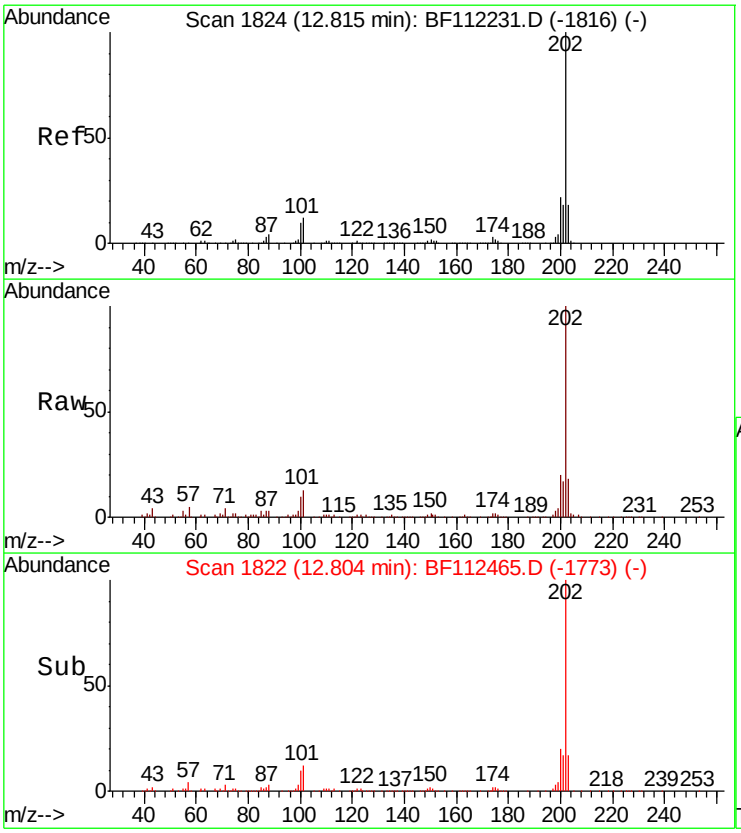
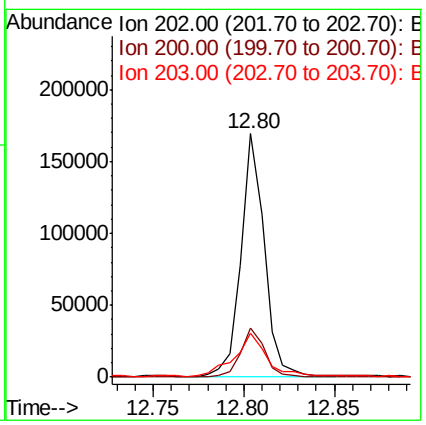
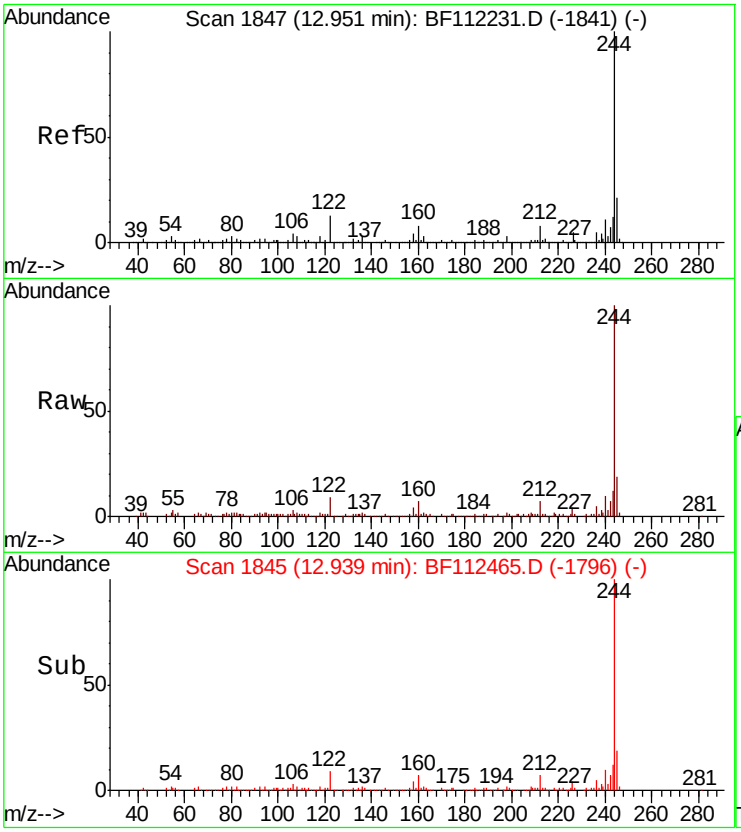


#78
Pyrene
Concen: 7.662 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF112465.D
Acq: 8 Feb 2019 17:48

Tgt Ion:202 Resp: 151494

Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.7	26.5
203	17.9	14.6	22.0

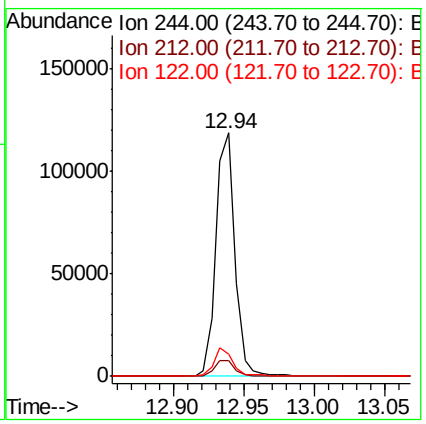




#79
Terphenyl-d14
Concen: 7.354 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF112465.D
Acq: 8 Feb 2019 17:48

Tgt Ion:244 Resp: 111510

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.9	8.9
122	9.4	9.8	14.6#



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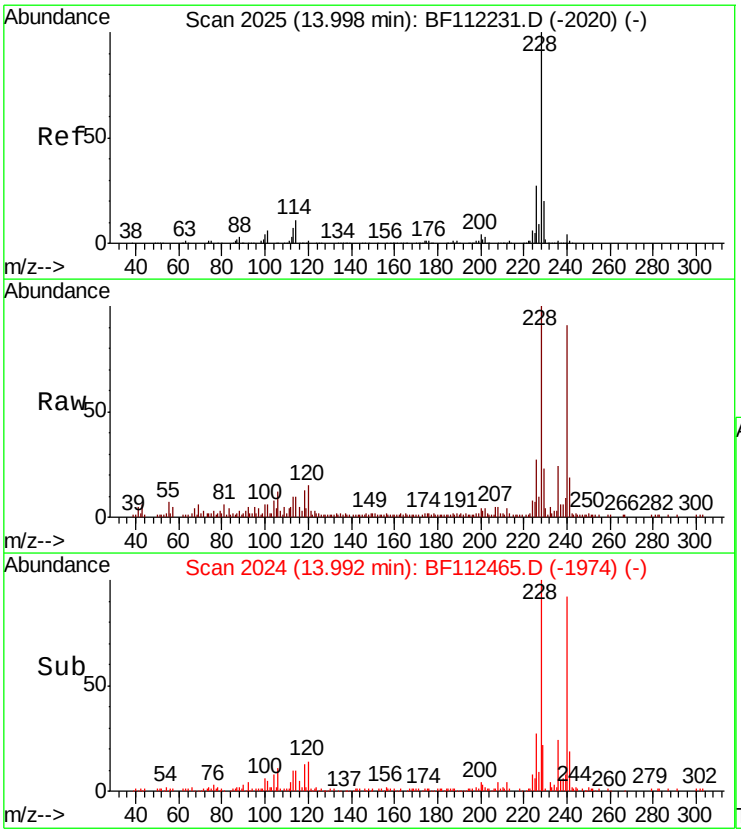
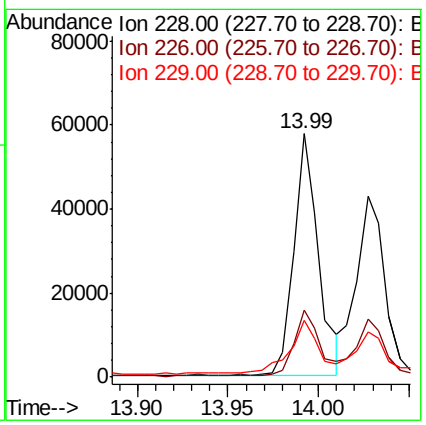
2/11/2019 10:00:39 AM

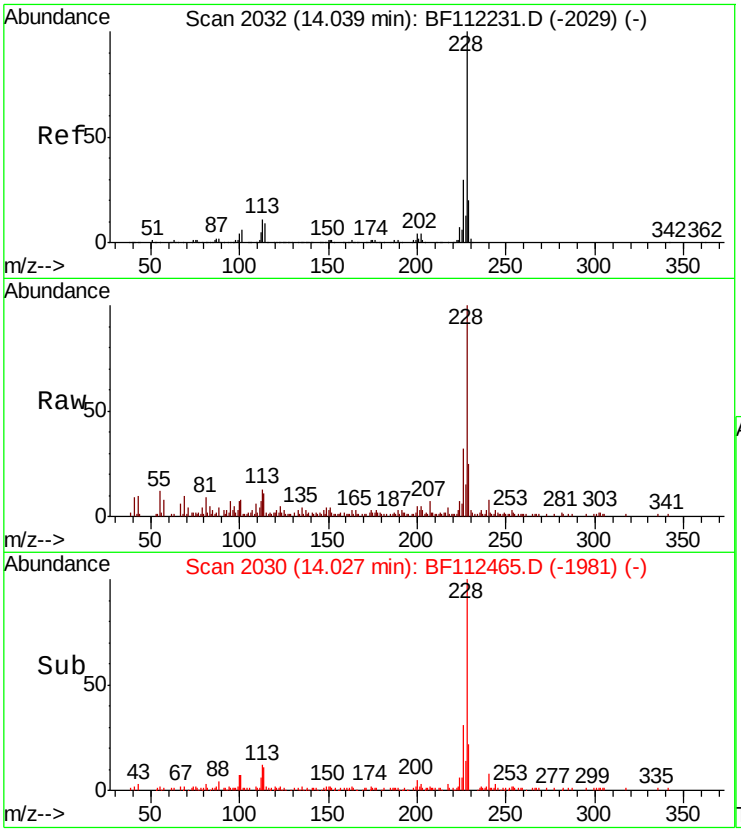


#81
Benzo(a)anthracene
Concen: 3.278 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF112465.D
Acq: 8 Feb 2019 17:48

Tgt Ion:228 Resp: 55024

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	34.0
229	23.1	16.5	24.7

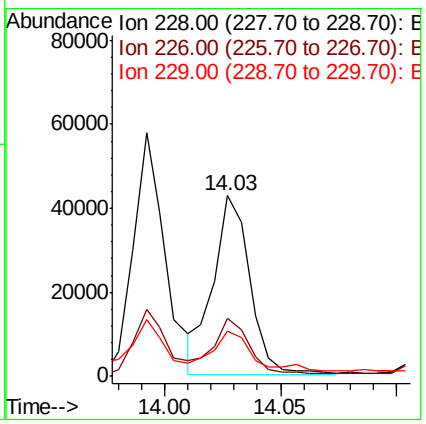




#83
Chrysene
Concen: 3.000 ng m
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF112465.D
Acq: 8 Feb 2019 17:48

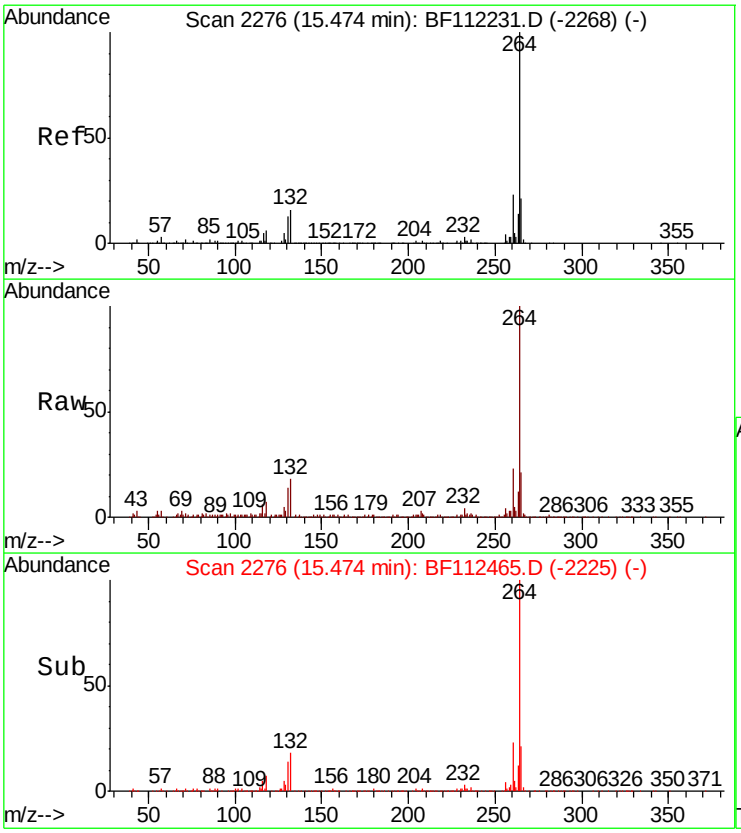
Tgt Ion:228 Resp: 48069

Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.0	37.6
229	25.2	16.6	24.8#



Instrument :
BNA_F
ClientSampleId :
OR-03-020719-A

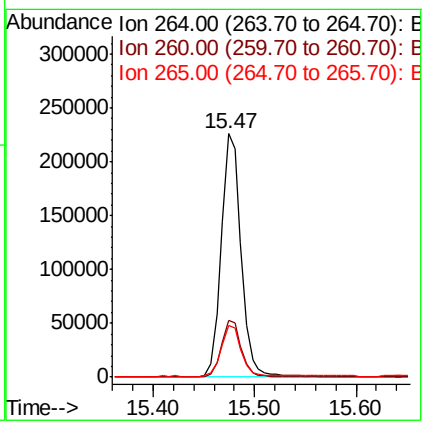
Manual Integrations APPROVED
Sohil
2/11/2019 10:00:39 AM

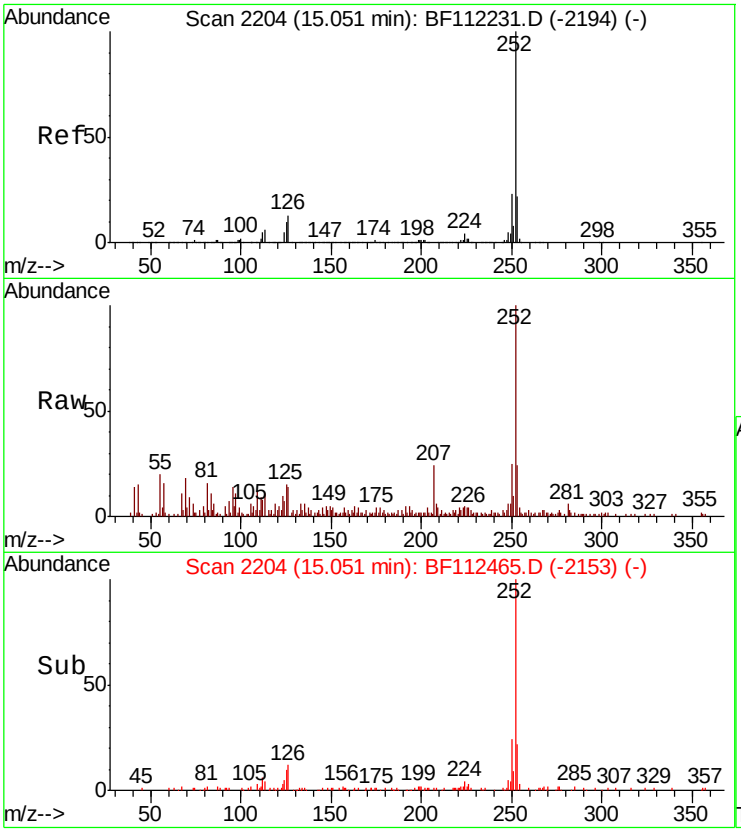


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF112465.D
Acq: 8 Feb 2019 17:48

Tgt Ion:264 Resp: 304534

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.2
265	21.1	17.0	25.4





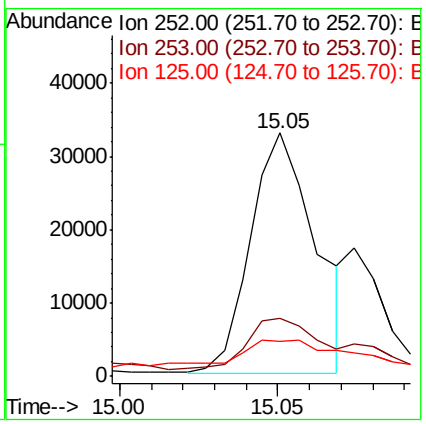
#88
Benzo(b)fluoranthene
Concen: 2.578 ng m
RT: 15.05 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BF112465.D
Acq: 8 Feb 2019 17:48

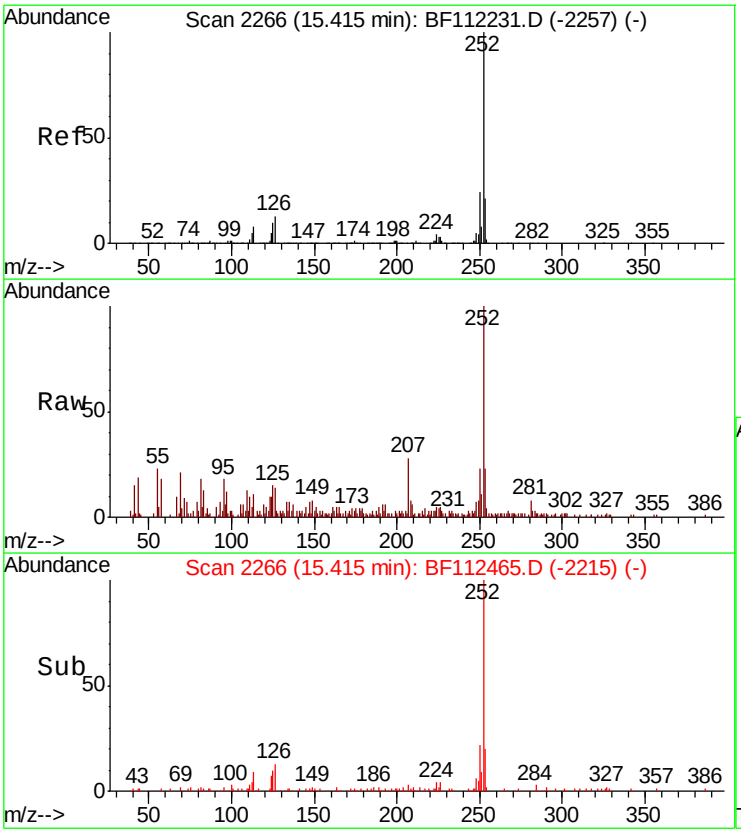
Tgt Ion:252 Resp: 46951

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.0	27.0
125	14.6	8.7	13.1#

Instrument :
BNA_F
ClientSampleId :
OR-03-020719-A

Manual Integrations APPROVED
Sohil
2/11/2019 10:00:39 AM





#90
Benzo(a)pyrene
Concen: 2.115 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BF112465.D
Acq: 8 Feb 2019 17:48

Tgt Ion:252 Resp: 34655

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	15.0	9.0	13.4#