Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072619\
Data File : BF115788.D
Acq On : 26 Jul 2019 15:03
Operator : HP/JU
Sample : K3620-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-072519-C

Manual Integrations APPROVED
mohammad
7/29/2019 5:28:55 PM

Quant Time: Jul 26 23:42:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 13:16:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	127728	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	447592	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	227762	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	336621	20.00	ng		0.00
76) Chrysene-d12	14.03	240	291766	20.00	ng		0.00
87) Perylene-d12	15.50	264	369626	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	720292	92.24	ng		0.00
7) Phenol-d6	6.50	99	1082516	109.25	ng		0.00
23) Nitrobenzene-d5	7.43	82	676775	87.92	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	221715	83.40	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1174702	90.27	ng		-0.01
79) Terphenyl-d14	12.97	244	986944	62.42	ng		0.00
Target Compounds							Qvalue
50) Dimethylphthalate	9.62	163	231349	13.501	ng		99
75) Fluoranthene	12.60	202	66369	3.640	ng		99
78) Pyrene	12.83	202	80471	3.255	ng		99
81) Benzo(a)anthracene	14.02	228	42925	2.233	ng		95
83) Chrysene	14.05	228	40984	2.124	ng		98
88) Benzo(b)fluoranthene	15.07	252	59498m	2.500	ng		
90) Benzo(a)pyrene	15.43	252	45339	2.216	ng	#	94

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

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Instrument :
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ClientSampleId :
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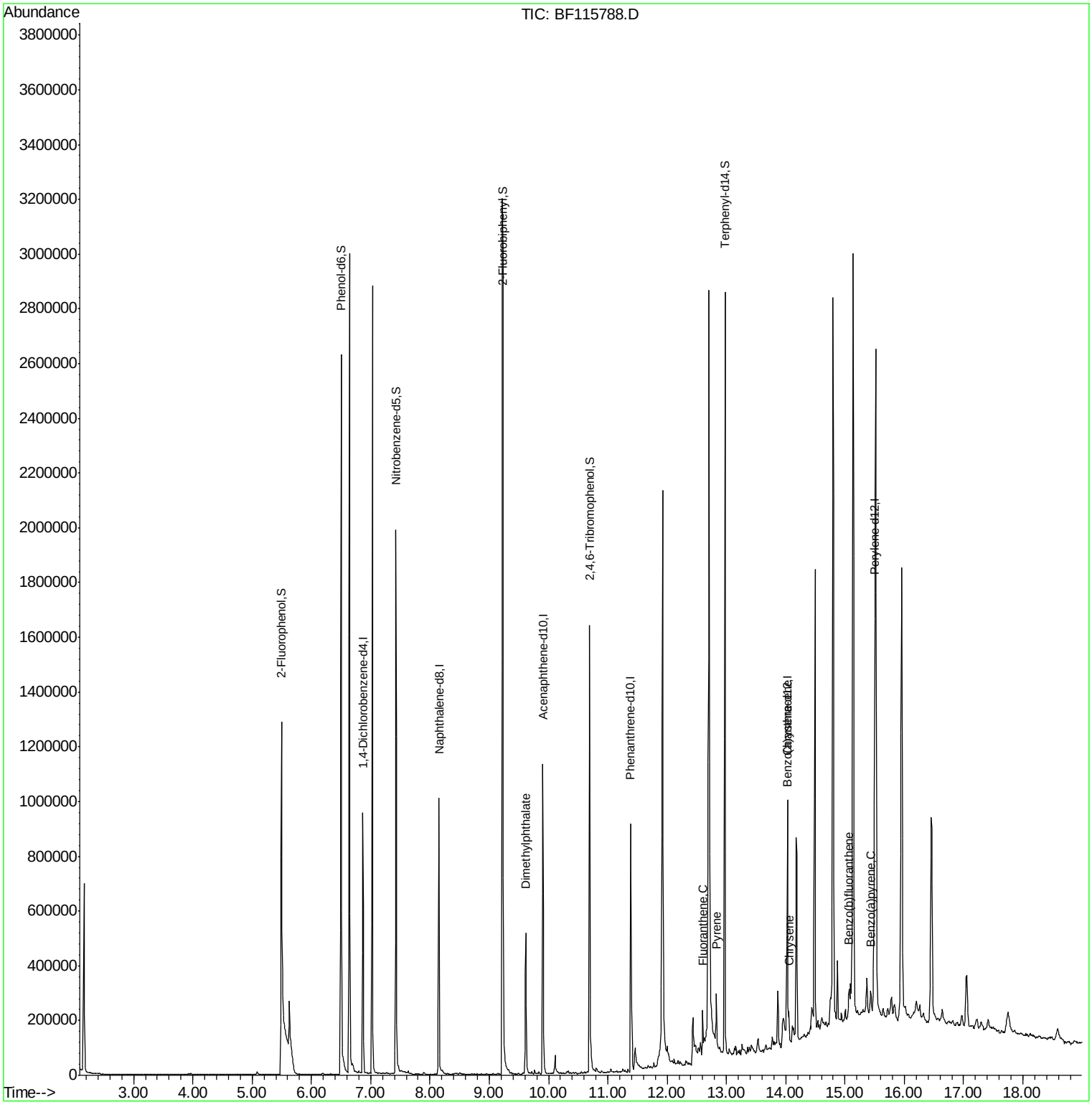
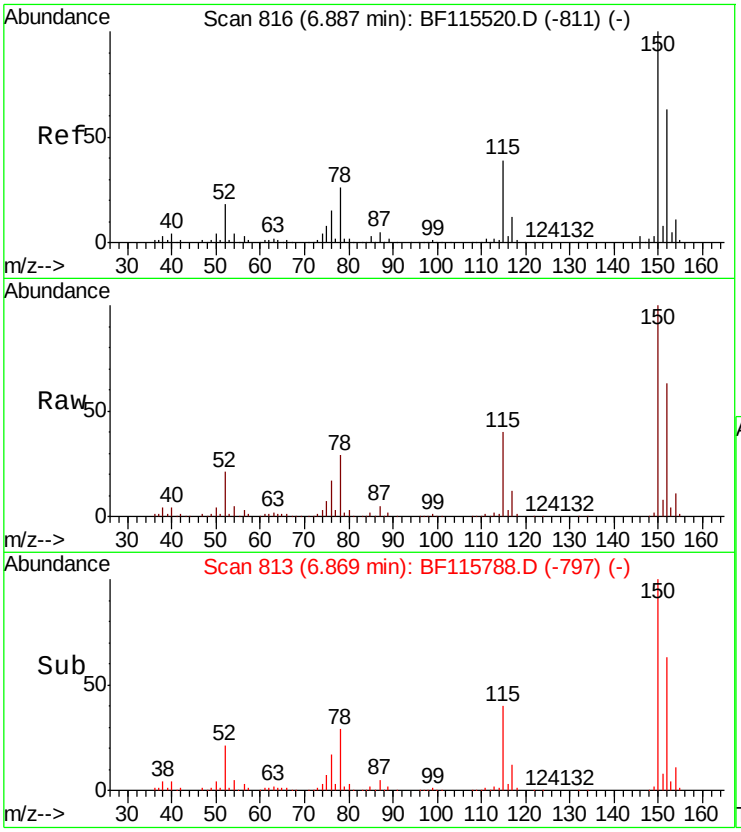
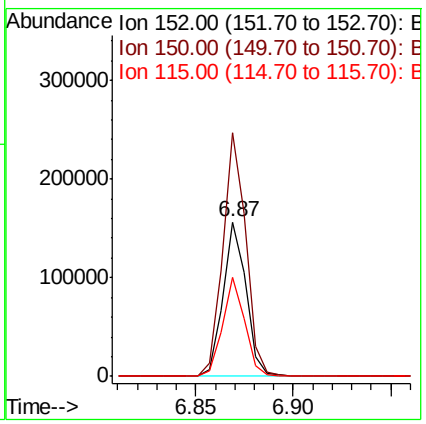




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF115788.D
Acq: 26 Jul 2019 15:03

Tgt Ion:152 Resp: 127728

Ion	Ratio	Lower	Upper
152	100		
150	158.1	126.6	189.8
115	63.9	47.8	71.6



Instrument :
BNA_F
ClientSampleId :
CL-02-072519-C

Manual Integrations APPROVED
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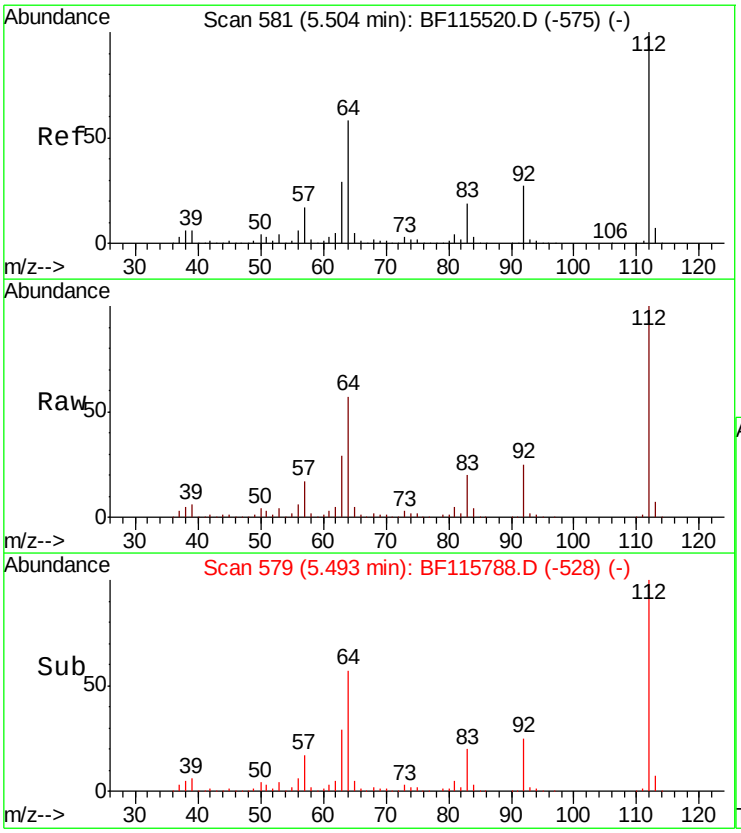
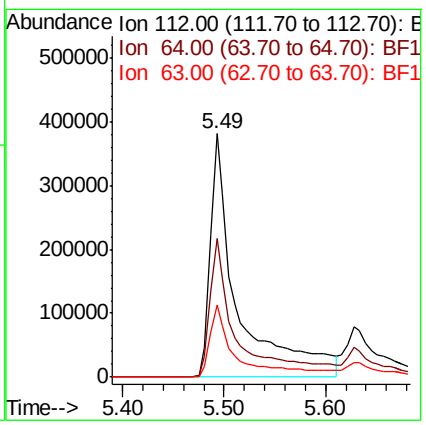
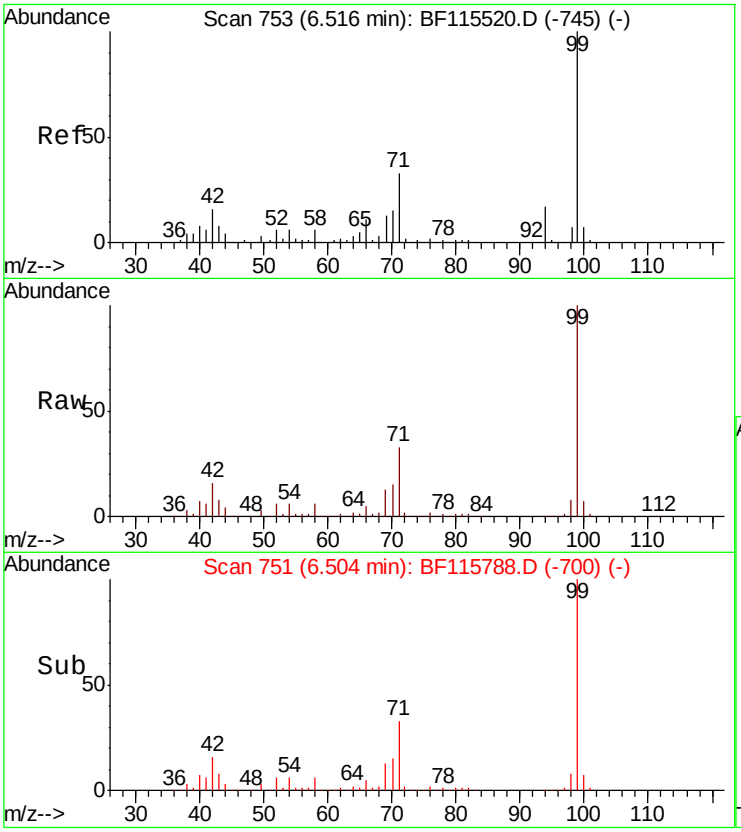


#5
2-Fluorophenol
Concen: 92.242 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF115788.D
Acq: 26 Jul 2019 15:03

Tgt Ion:112 Resp: 720292

Ion	Ratio	Lower	Upper
112	100		
64	56.8	45.8	68.8
63	29.5	23.6	35.4

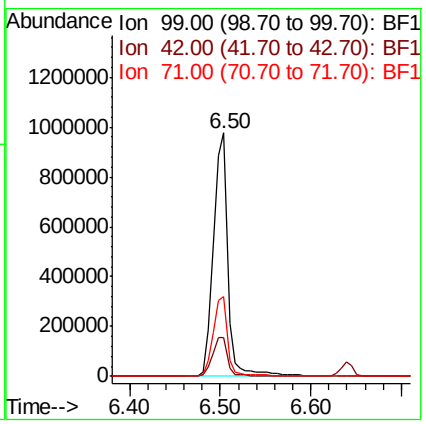




#7
Phenol-d6
Concen: 109.253 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF115788.D
Acq: 26 Jul 2019 15:03

Tgt Ion: 99 Resp: 1082516

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.4	20.2
71	32.8	26.7	40.1



Instrument :
BNA_F
ClientSampleId :
CL-02-072519-C

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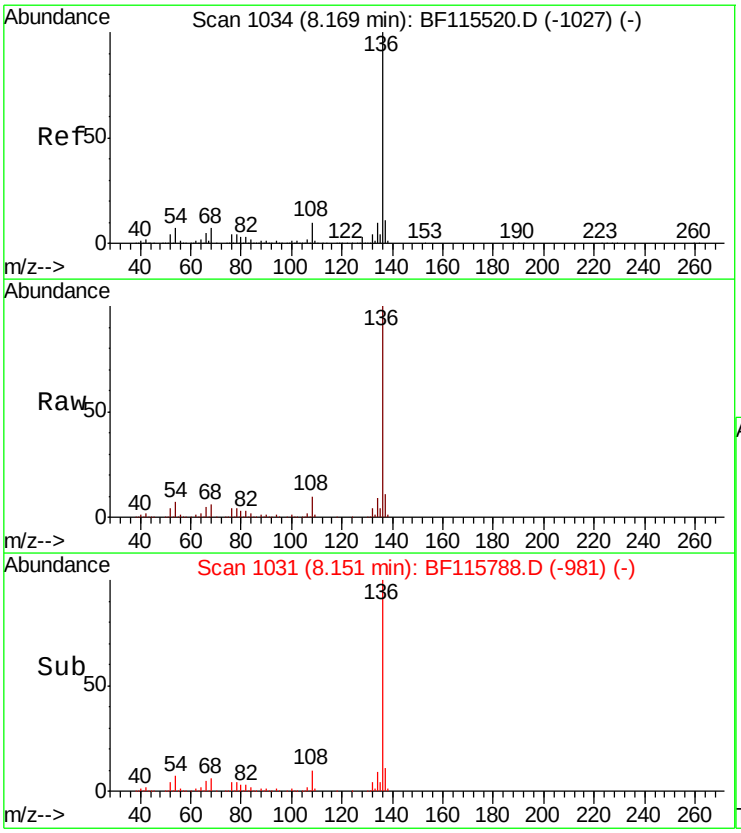
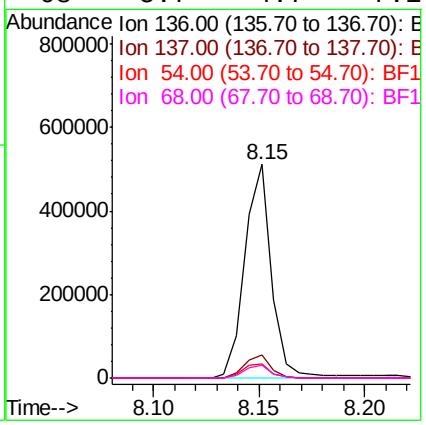
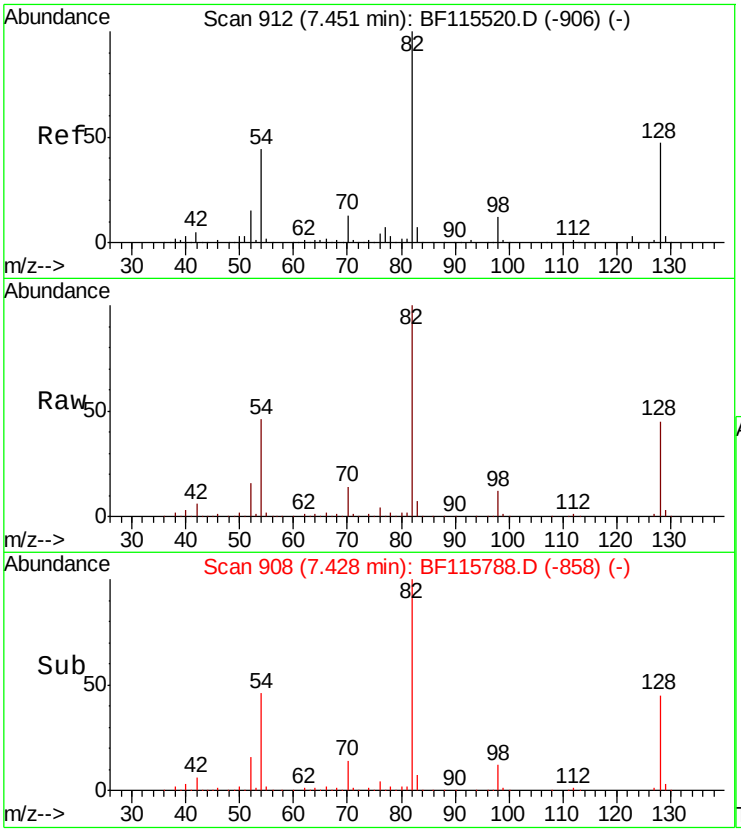


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF115788.D
Acq: 26 Jul 2019 15:03

Tgt Ion:136 Resp: 447592

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	6.6	5.0	7.6
68	5.7	4.7	7.1

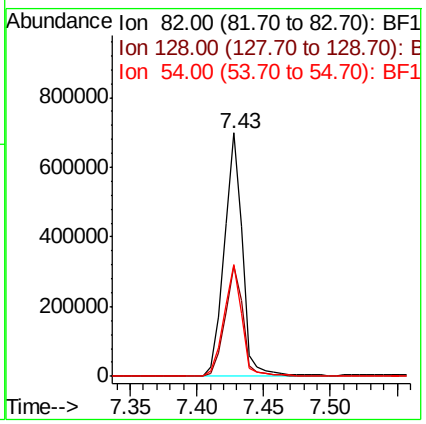




#23
Nitrobenzene-d5
Concen: 87.920 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF115788.D
Acq: 26 Jul 2019 15:03

Tgt Ion: 82 Resp: 676775

Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.6	55.0
54	45.9	36.6	54.8



Instrument :
BNA_F
ClientSampleId :
CL-02-072519-C

Manual Integrations APPROVED
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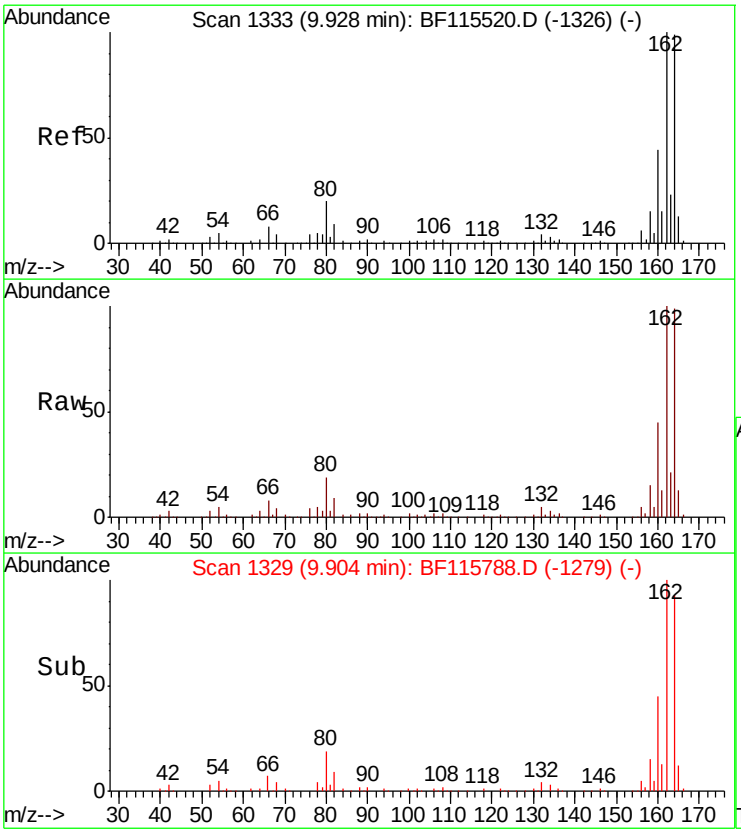
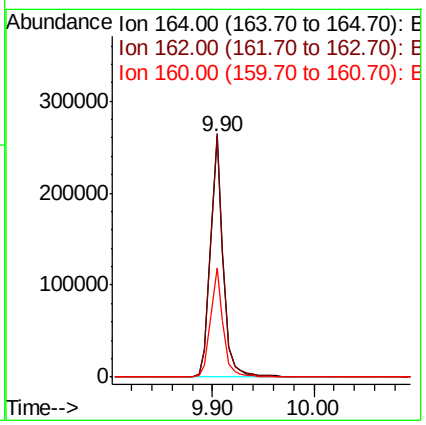
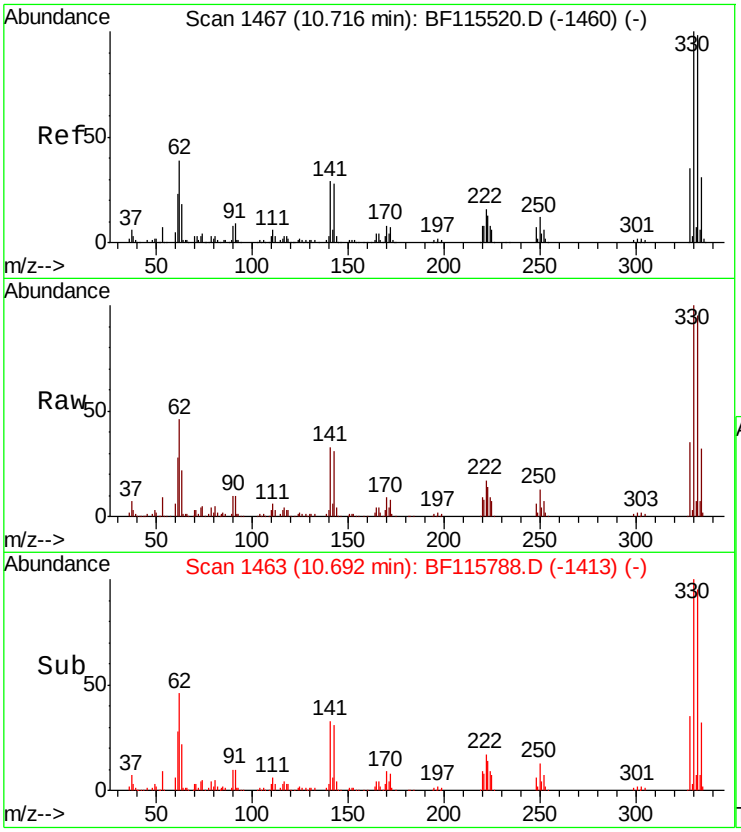


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF115788.D
Acq: 26 Jul 2019 15:03

Tgt Ion:164 Resp: 227762

Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.8	122.6
160	45.5	37.5	56.3

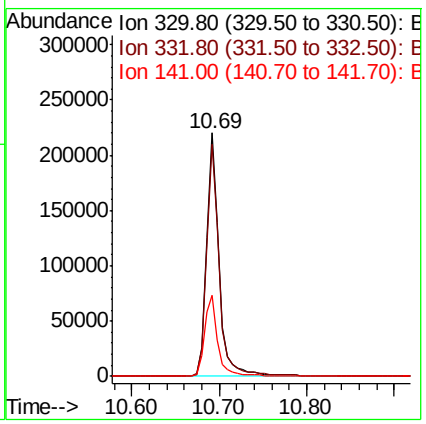




#42
2,4,6-Tribromophenol
Concen: 83.397 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF115788.D
Acq: 26 Jul 2019 15:03

Tgt Ion:330 Resp: 221715

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.1	114.1
141	34.7	25.9	38.9



Instrument :
BNA_F
ClientSampleId :
CL-02-072519-C

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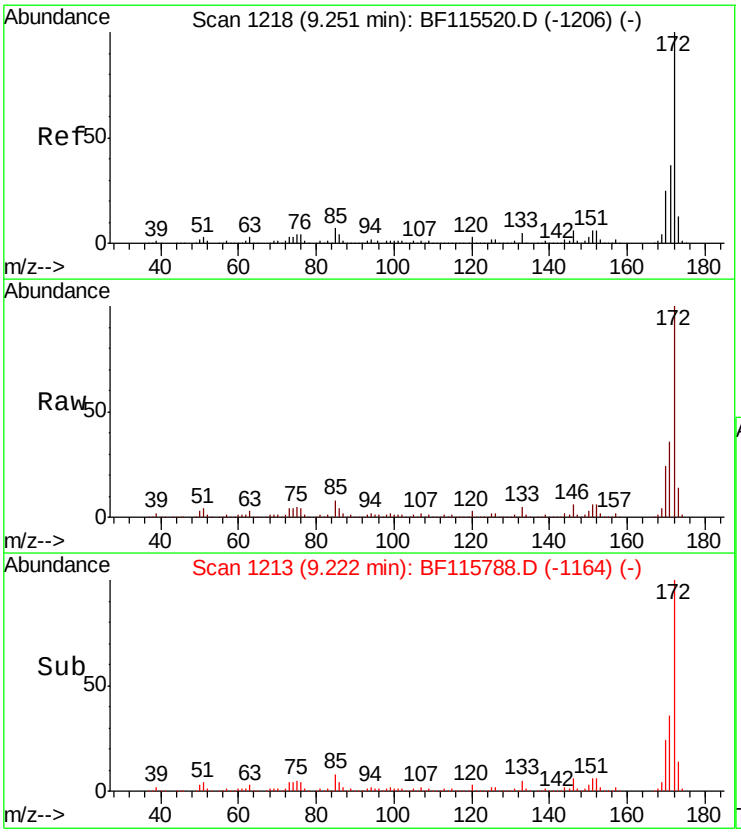
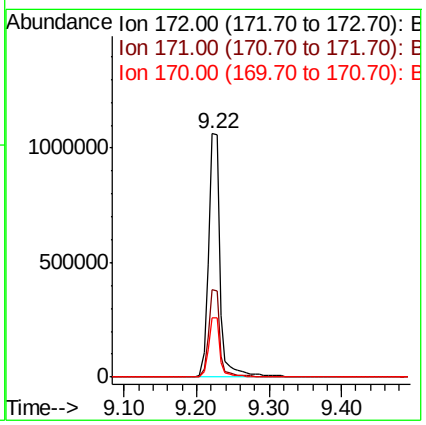
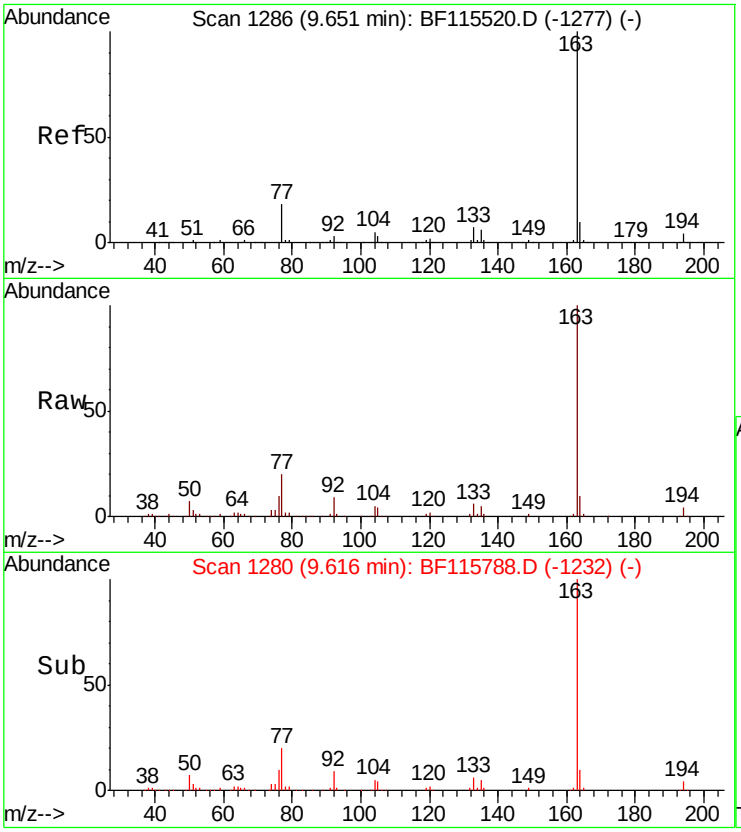


#45
2-Fluorobiphenyl
Concen: 90.272 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF115788.D
Acq: 26 Jul 2019 15:03

Tgt Ion:172 Resp: 1174702

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.4
170	24.2	20.1	30.1

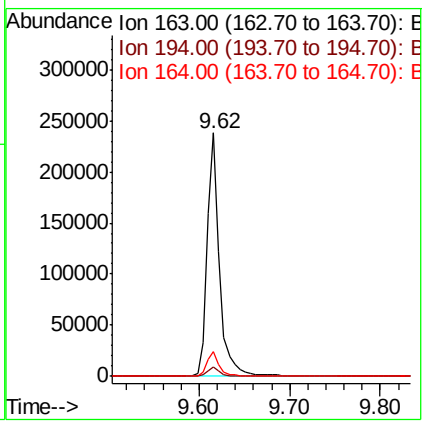




#50
Dimethylphthalate
Concen: 13.501 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF115788.D
Acq: 26 Jul 2019 15:03

Tgt Ion:163 Resp: 231349

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	10.1	8.3	12.5



Instrument :
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ClientSampleId :
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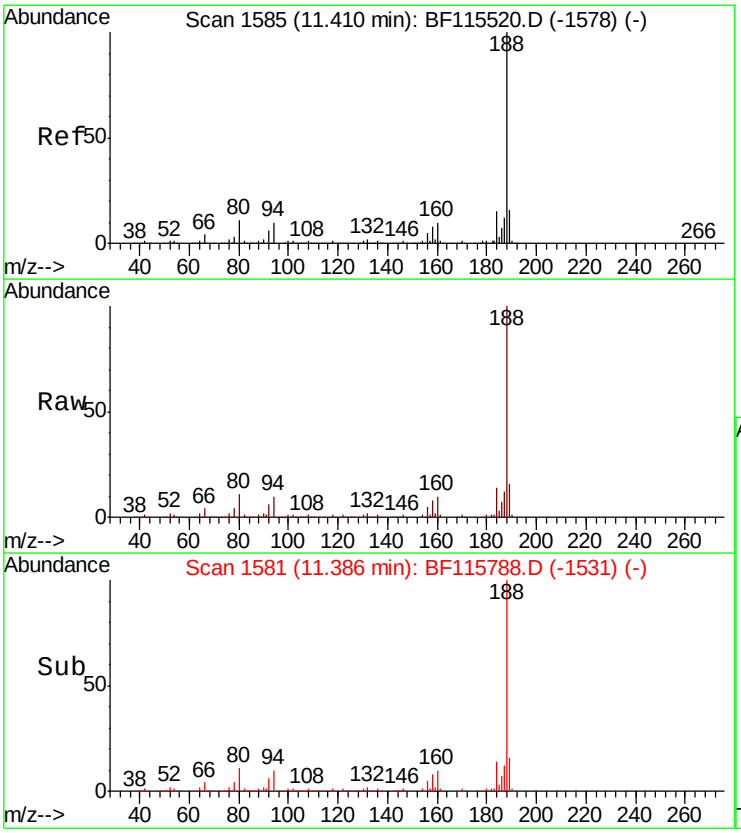
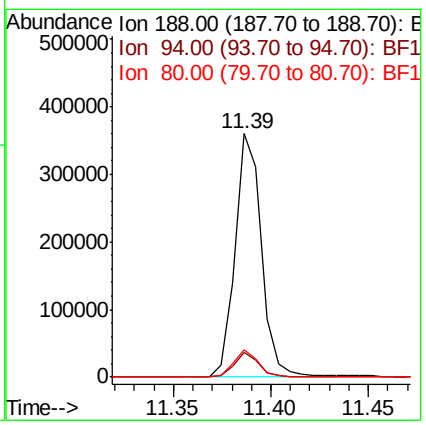
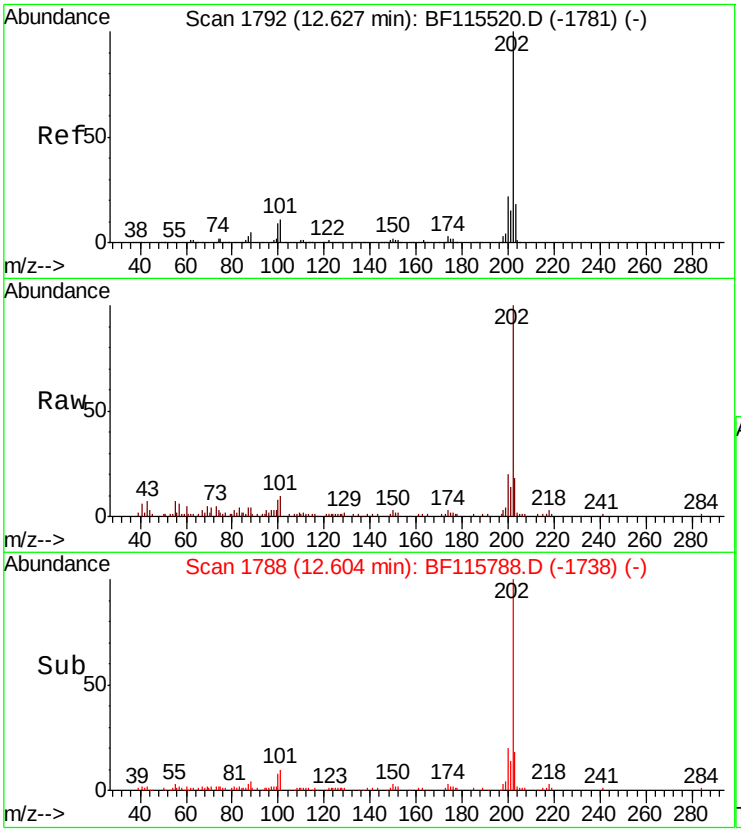


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF115788.D
Acq: 26 Jul 2019 15:03

Tgt Ion:188 Resp: 336621

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.2	12.2
80	11.1	9.0	13.6

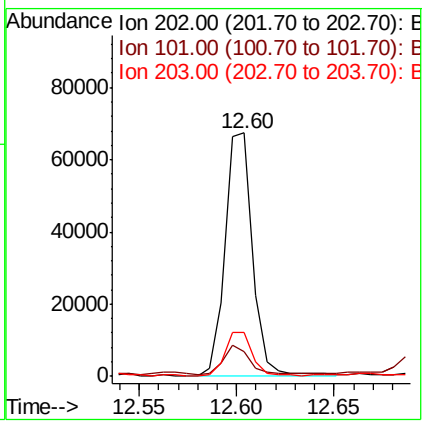




#75
Fluoranthene
Concen: 3.640 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.01 min
Lab File: BF115788.D
Acq: 26 Jul 2019 15:03

Tgt Ion:202 Resp: 66369

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	31.6
203	18.0	0.0	38.0



Instrument :
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ClientSampleId :
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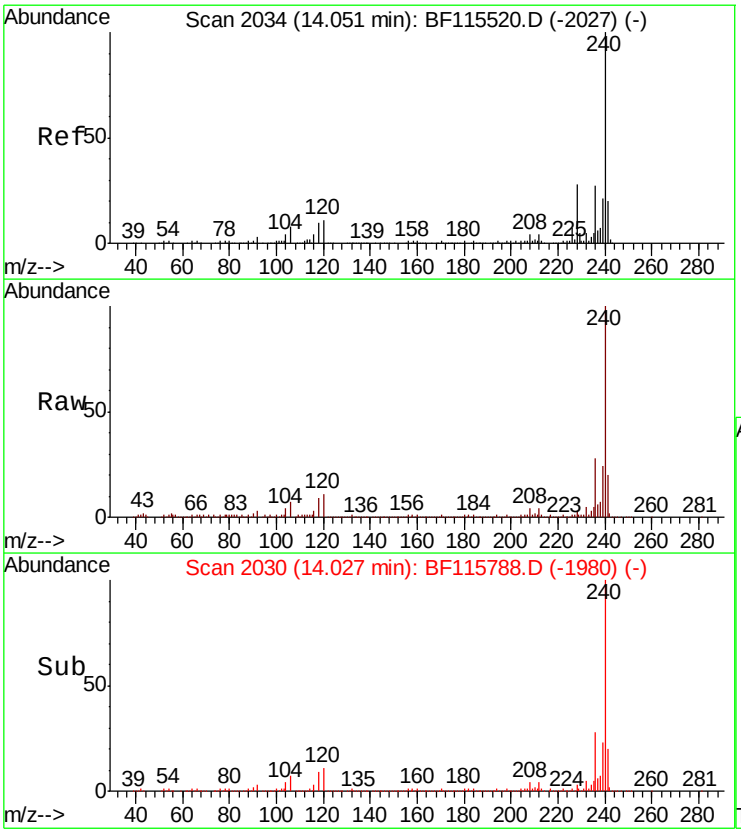
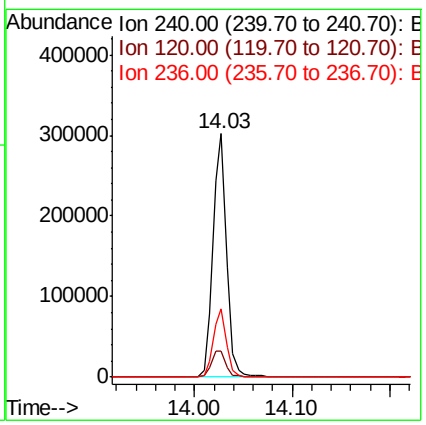
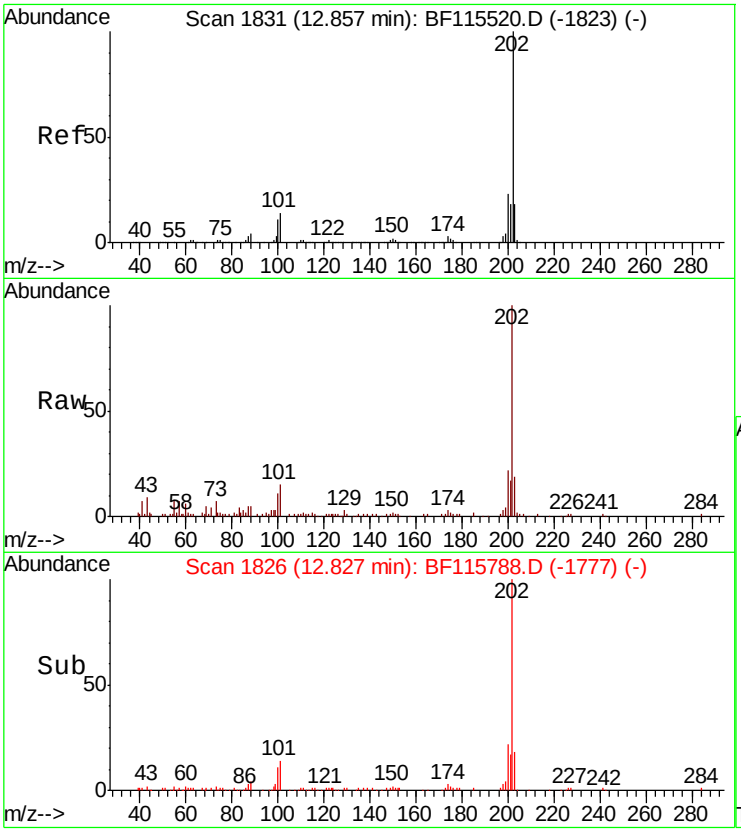


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF115788.D
Acq: 26 Jul 2019 15:03

Tgt Ion:240 Resp: 291766

Ion	Ratio	Lower	Upper
240	100		
120	10.6	10.0	15.0
236	27.9	21.8	32.6

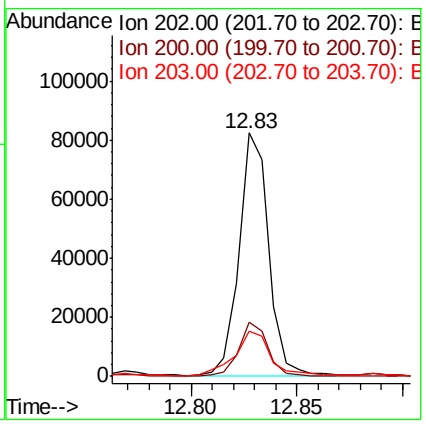




#78
Pyrene
Concen: 3.255 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF115788.D
Acq: 26 Jul 2019 15:03

Tgt Ion:202 Resp: 80471

Ion	Ratio	Lower	Upper
202	100		
200	22.2	18.2	27.4
203	18.6	14.6	21.8



Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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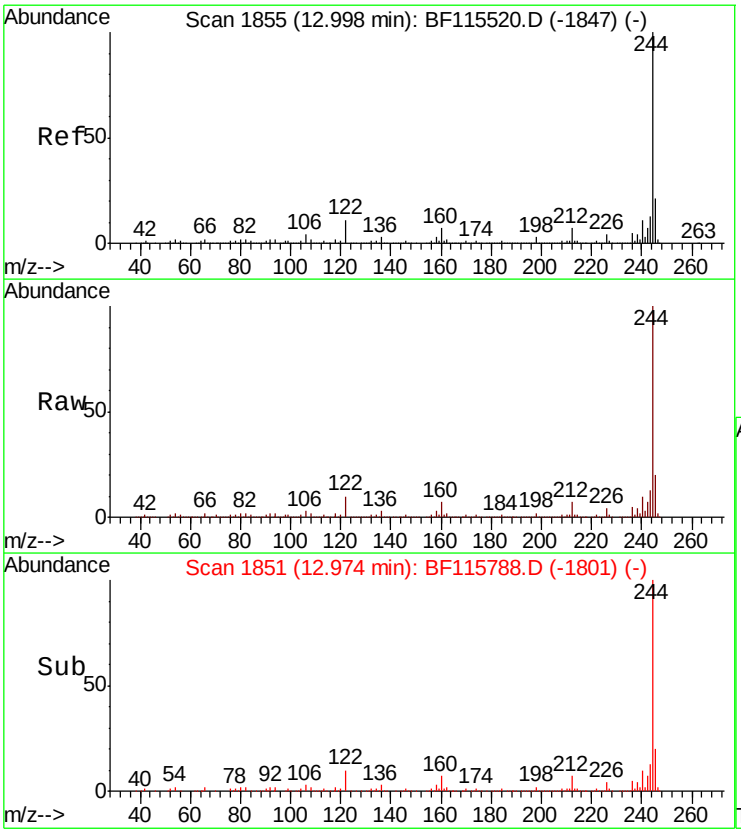
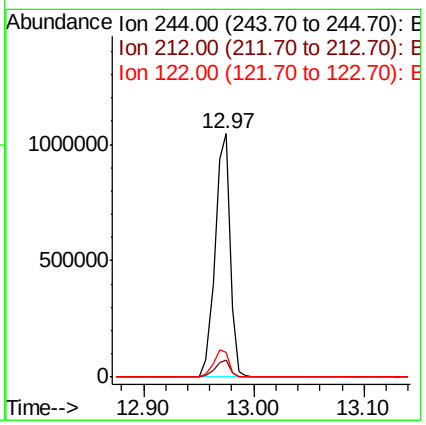
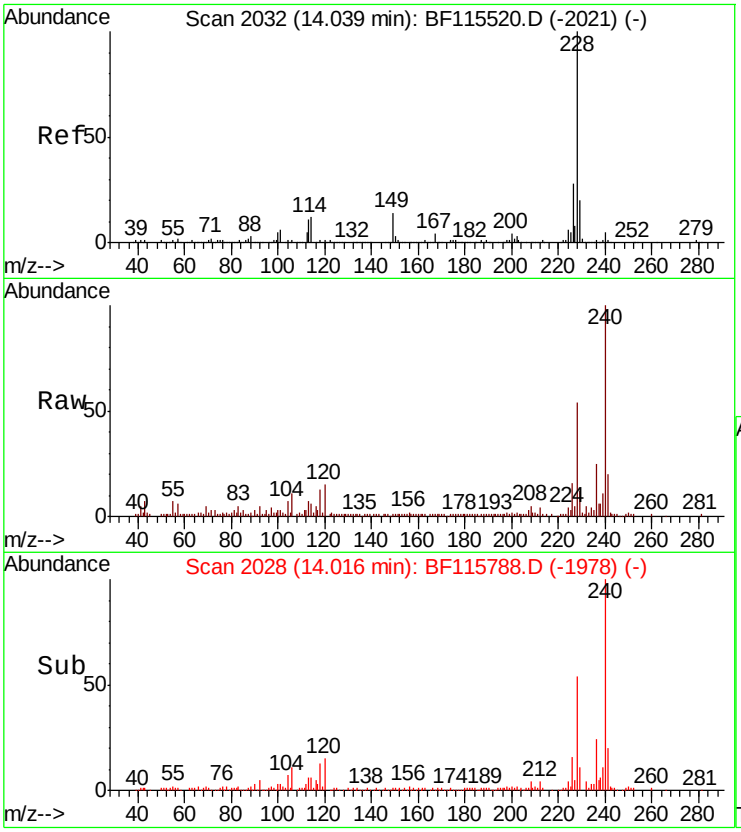


#79
Terphenyl-d14
Concen: 62.416 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BF115788.D
Acq: 26 Jul 2019 15:03

Tgt Ion:244 Resp: 986944

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.5	8.3
122	10.4	8.2	12.4

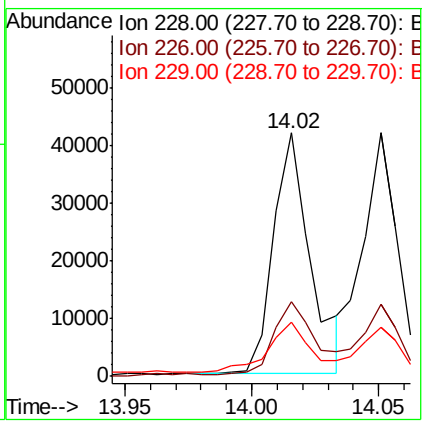




#81
Benzo(a)anthracene
Concen: 2.233 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF115788.D
Acq: 26 Jul 2019 15:03

Tgt Ion:228 Resp: 42925

Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.2	33.2
229	22.5	16.1	24.1



Instrument :
BNA_F
ClientSampleId :
CL-02-072519-C

Manual Integrations APPROVED
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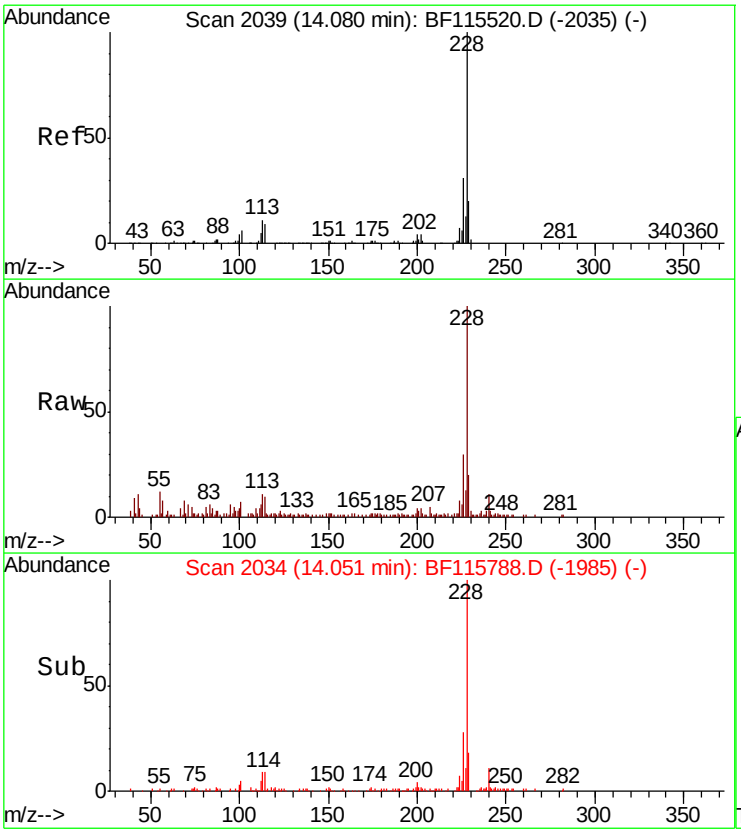
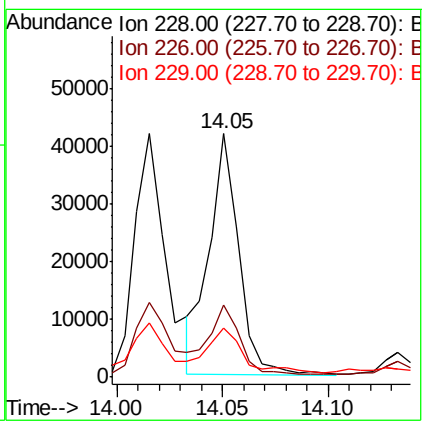
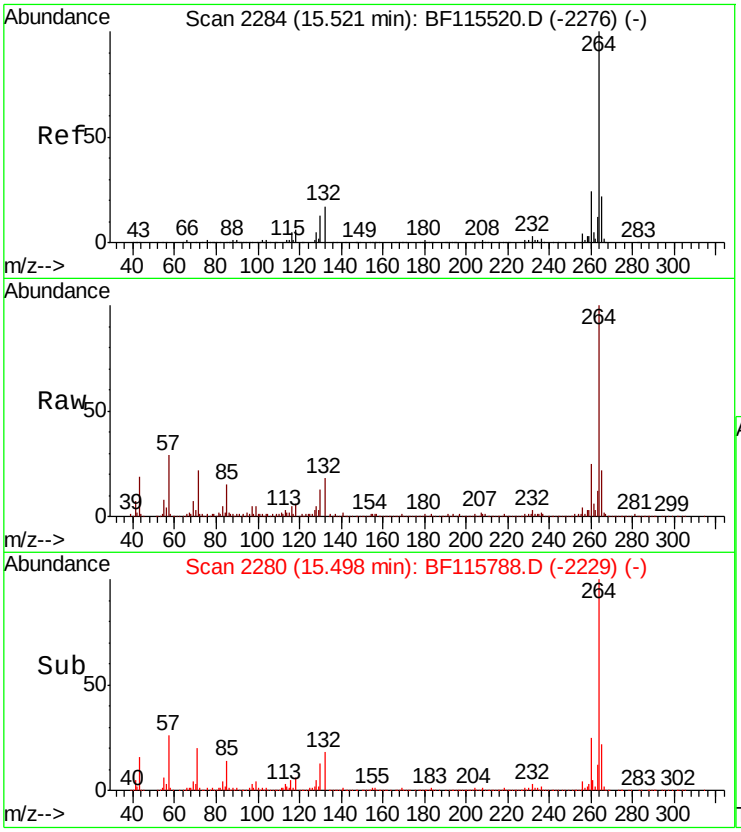


#83
Chrysene
Concen: 2.124 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF115788.D
Acq: 26 Jul 2019 15:03

Tgt Ion:228 Resp: 40984

Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.0	37.4
229	20.4	16.2	24.2

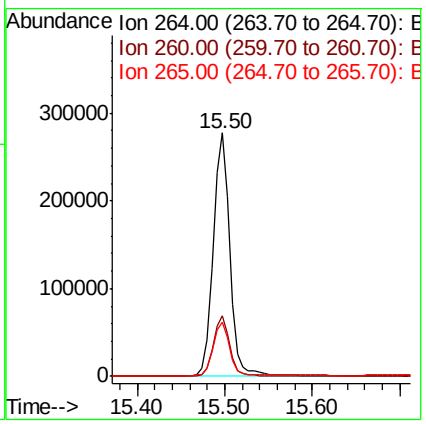




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BF115788.D
Acq: 26 Jul 2019 15:03

Tgt Ion:264 Resp: 369626

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.8	29.6
265	22.2	17.5	26.3



Instrument :
BNA_F
ClientSampleId :
CL-02-072519-C

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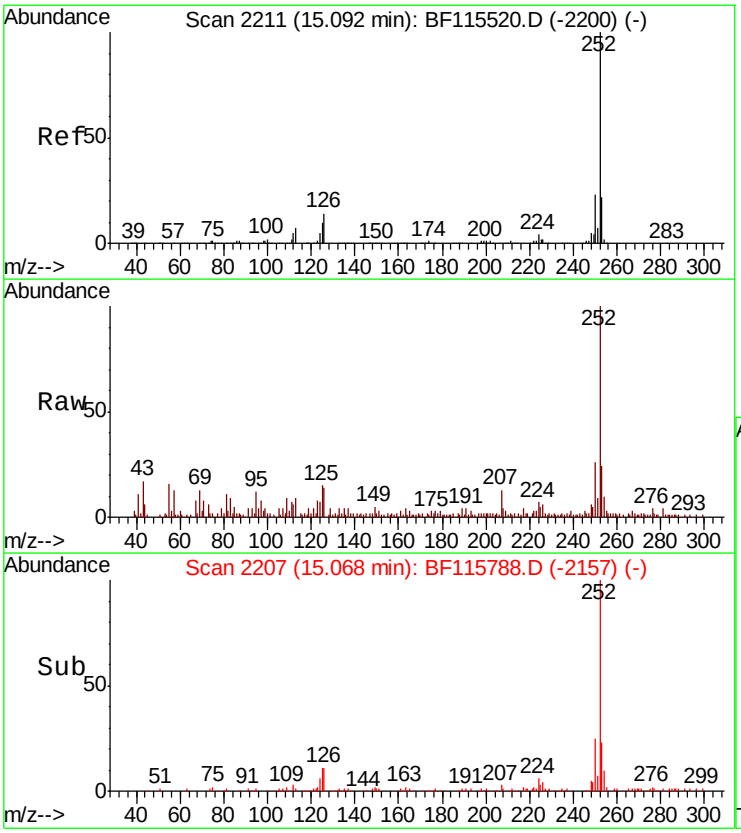
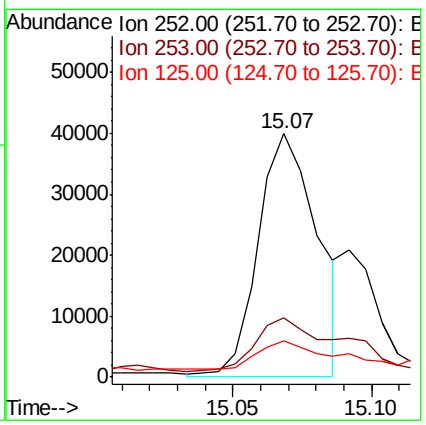
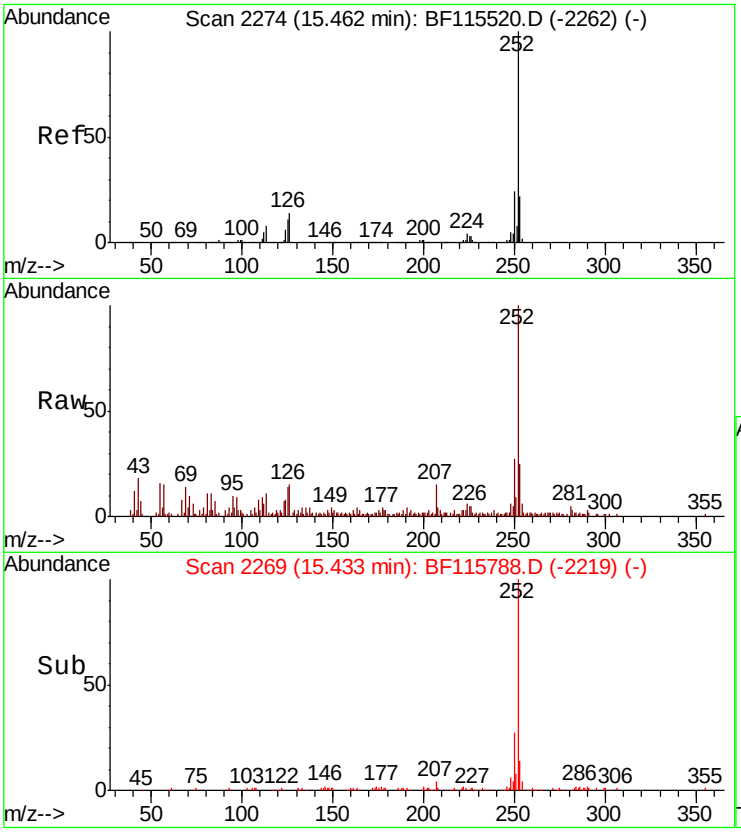


#88
Benzo(b)fluoranthene
Concen: 2.500 ng m
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF115788.D
Acq: 26 Jul 2019 15:03

Tgt Ion:252 Resp: 59498

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.8	26.8
125	14.7	8.4	12.6#

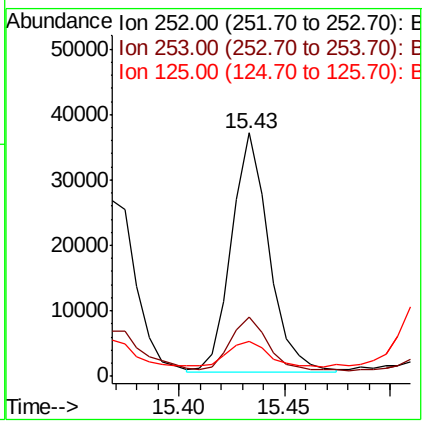




#90
Benzo(a)pyrene
Concen: 2.216 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF115788.D
Acq: 26 Jul 2019 15:03

Tgt Ion:252 Resp: 45339

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.3	25.9
125	14.2	9.4	14.2#



Instrument :
BNA_F
ClientSampleId :
CL-02-072519-C

Manual Integrations APPROVED
mohammad
7/29/2019 5:28:55 PM