

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
 Data File : BF116314.D
 Acq On : 16 Aug 2019 11:33
 Operator : HP/JU
 Sample : K4329-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-292

Manual Integrations
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mohammad
 8/20/2019 8:36:48 AM

Quant Time: Aug 16 12:15:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	101050	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	395061	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	218439	20.00	ng	-0.04
64) Phenanthrene-d10	11.33	188	388390	20.00	ng	-0.04
76) Chrysene-d12	13.97	240	266375	20.00	ng	-0.04
87) Perylene-d12	15.44	264	286350	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	592797	98.21	ng	-0.03
7) Phenol-d6	6.46	99	818074	107.42	ng	-0.03
23) Nitrobenzene-d5	7.38	82	522075	76.28	ng	-0.04
42) 2,4,6-Tribromophenol	10.64	330	211104	99.68	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	798782	68.49	ng	-0.04
79) Terphenyl-d14	12.92	244	805578	63.73	ng	-0.04
Target Compounds						
50) Dimethylphthalate	9.56	163	135179	9.089	ng	99
71) Phenanthrene	11.36	178	137758	6.938	ng	98
75) Fluoranthene	12.55	202	285539	13.737	ng	99
78) Pyrene	12.78	202	268894	13.391	ng	99
81) Benzo(a)anthracene	13.97	228	135182	7.940	ng	97
83) Chrysene	14.00	228	146194	8.845	ng	97
86) Indeno(1,2,3-cd)pyrene	16.92	276	94995	6.843	ng	94
88) Benzo(b)fluoranthene	15.02	252	205031m	12.383	ng	
89) Benzo(k)fluoranthene	15.04	252	58294m	3.615	ng	
90) Benzo(a)pyrene	15.38	252	129600	8.756	ng	99
92) Benzo(g,h,i)perylene	17.35	276	91013	7.233	ng	97

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

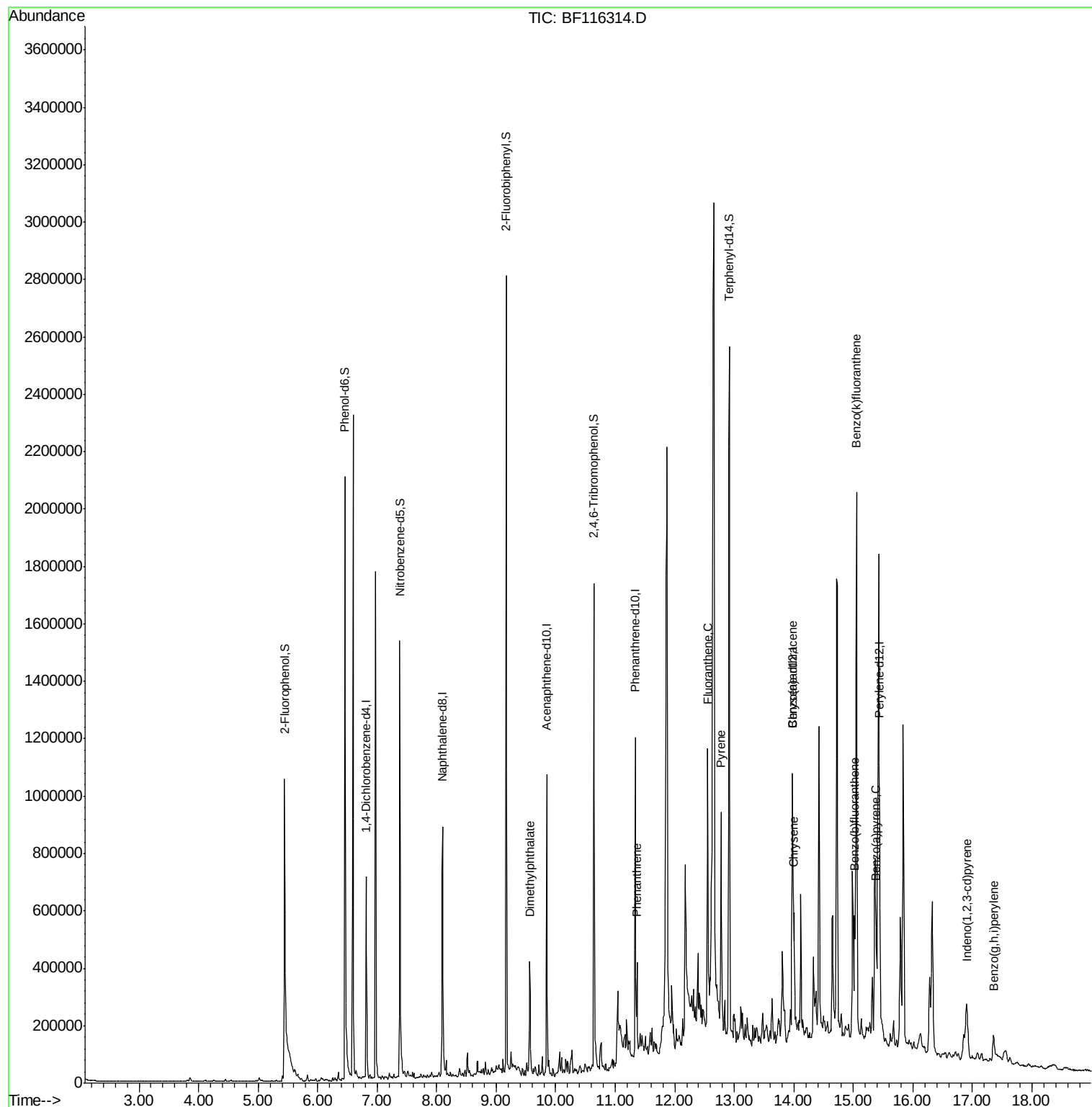
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
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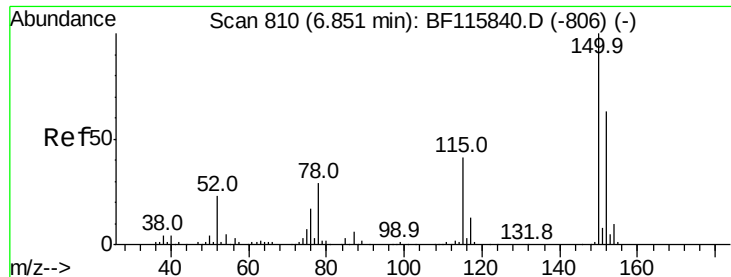
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#1

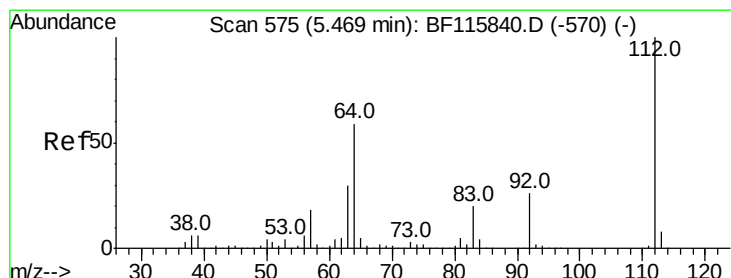
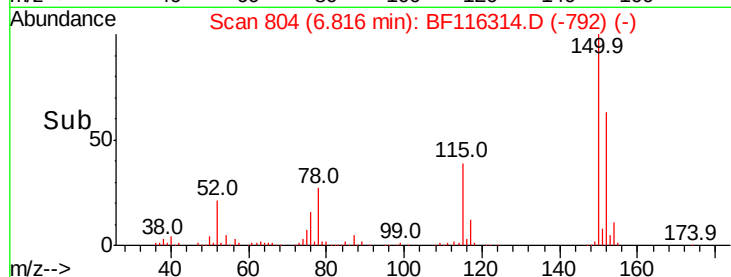
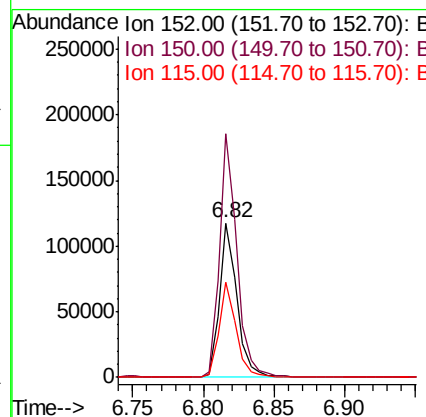
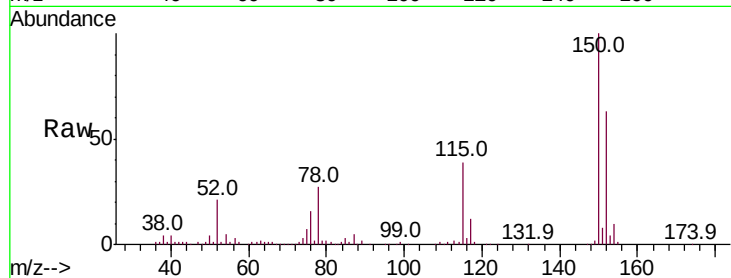
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF116314.D
Acq: 16 Aug 2019 11:33

Instrument :
BNA_F
ClientSampled :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	126.2	189.2
115	61.6	49.9	74.9

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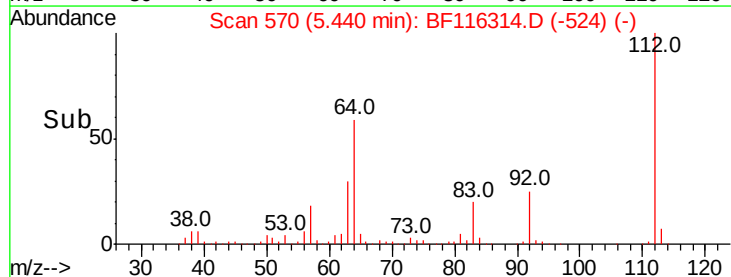
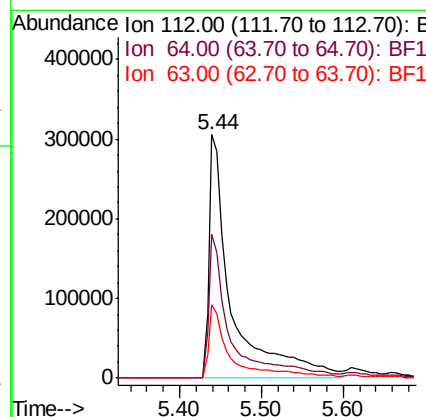
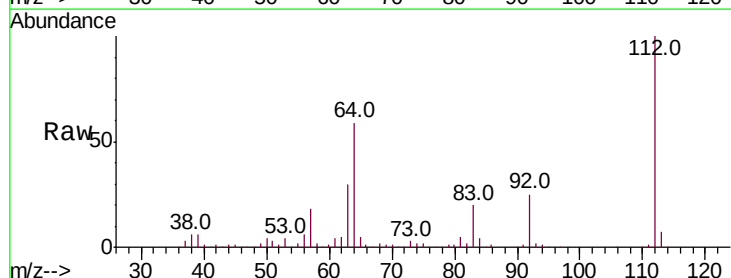
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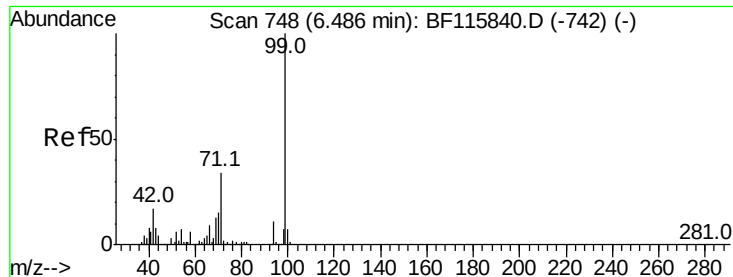


#5

2-Fluorophenol
Concen: 98.207 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.03 min
Lab File: BF116314.D
Acq: 16 Aug 2019 11:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.9	45.4	68.2
63	30.1	23.7	35.5





#7

Phenol-d6

Concen: 107.419 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF116314.D

Acq: 16 Aug 2019 11:33

Instrument :

BNA_F

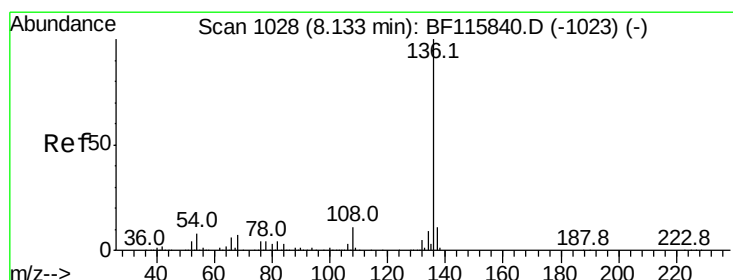
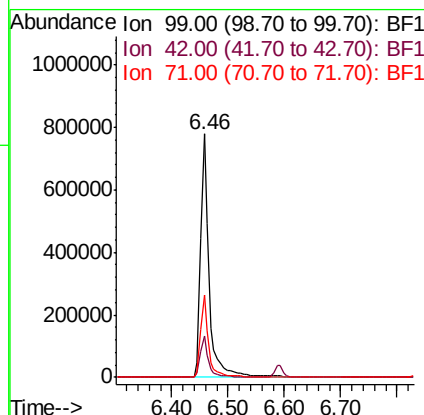
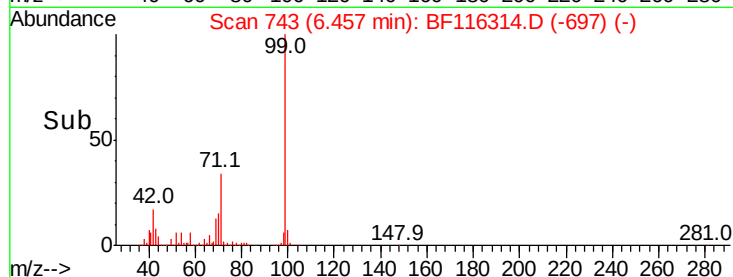
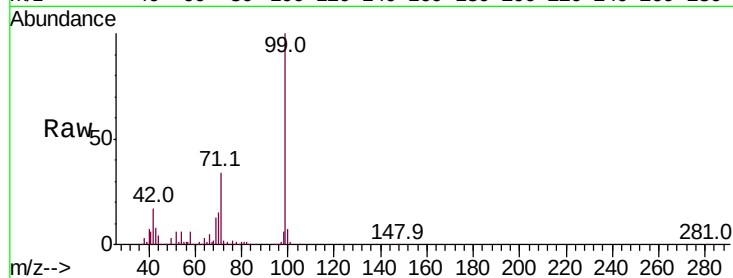
ClientSampled :

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Tot Ion:	99	Resp:	818074
Ion Ratio	Lower	Upper	
99	100		
42	16.9	13.8	20.8
71	34.0	27.3	40.9

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#21

Naphthalene-d8

Concen: 20.000 ng

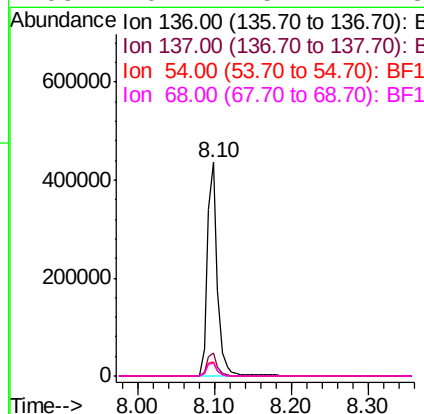
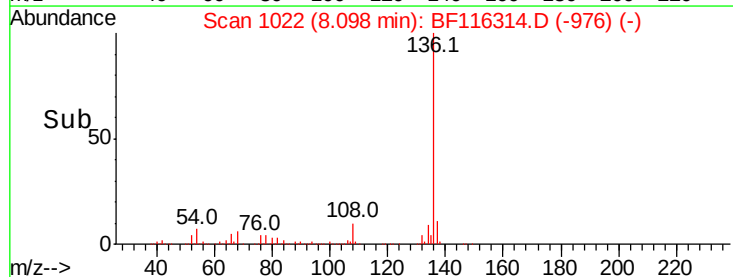
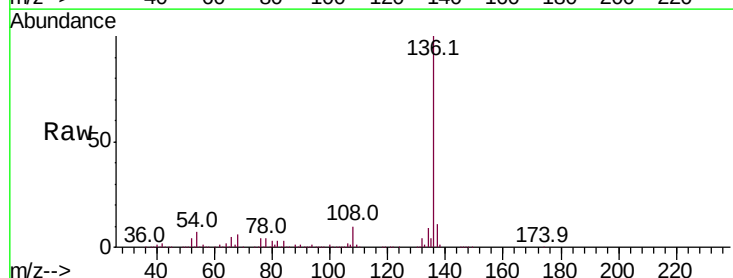
RT: 8.10 min Scan# 1022

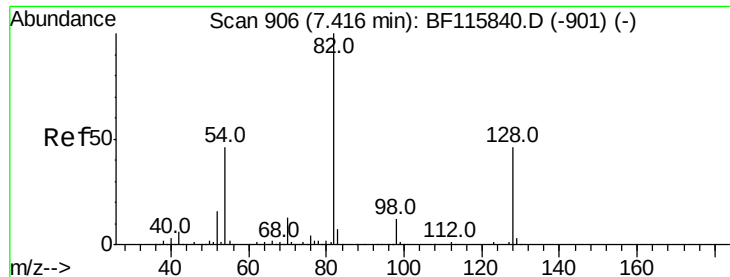
Delta R.T. -0.03 min

Lab File: BF116314.D

Acq: 16 Aug 2019 11:33

Tgt Ion:	136	Resp:	395061
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.0	13.4
54	6.8	5.8	8.6
68	6.2	5.2	7.8





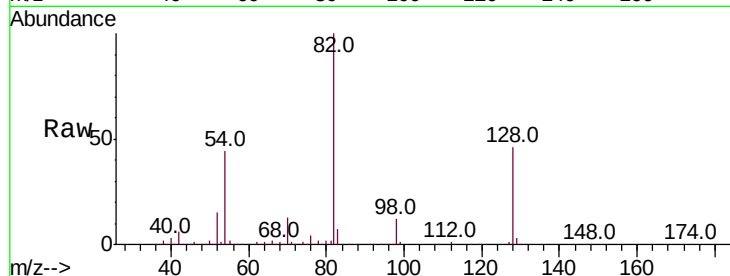
#23
 Nitrobenzene-d5
 Concen: 76.281 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.04 min
 Lab File: BF116314.D
 Acq: 16 Aug 2019 11:33

Instrument :
 BNA_F
 ClientSampled :
 ETGI-292

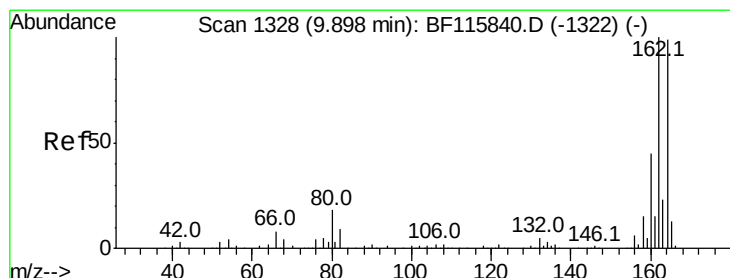
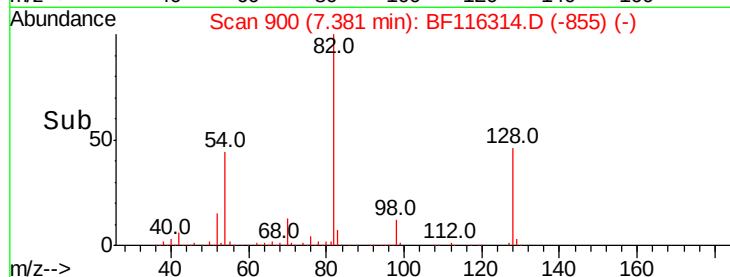
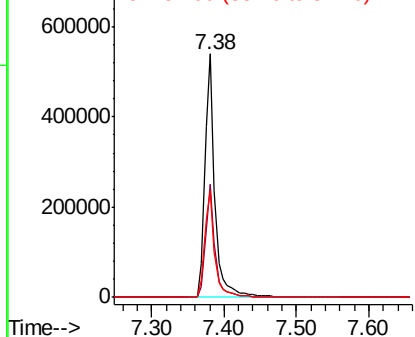
Tot Ion	82	Resp	522075
Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.5	54.7
54	44.1	36.0	54.0

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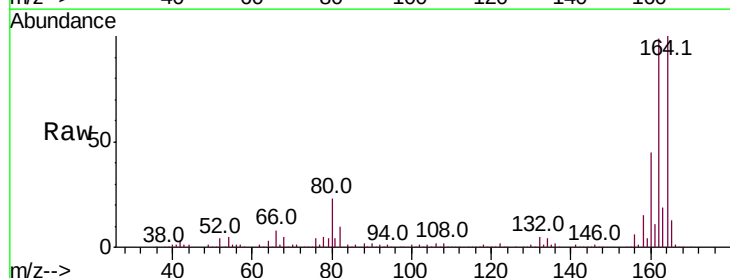


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

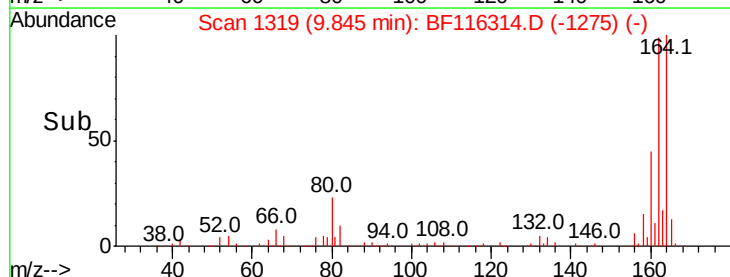
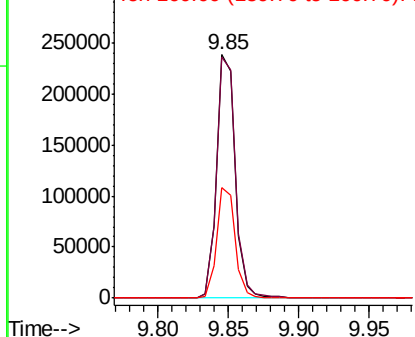


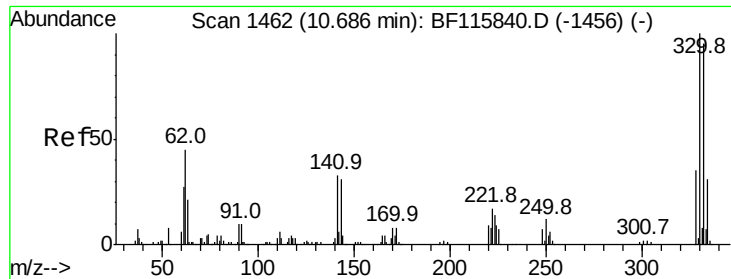
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.04 min
 Lab File: BF116314.D
 Acq: 16 Aug 2019 11:33

Tgt Ion	164	Resp	218439
Ion	Ratio	Lower	Upper
164	100		
162	99.2	82.6	124.0
160	45.3	37.6	56.4



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 99.680 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.04 min

Lab File: BF116314.D

Acq: 16 Aug 2019 11:33

Instrument :

BNA_F

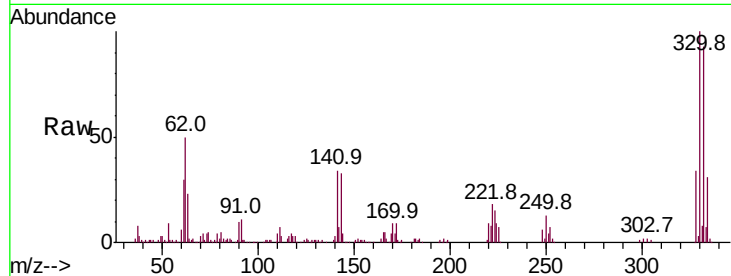
ClientSampleId :

ETGI-292

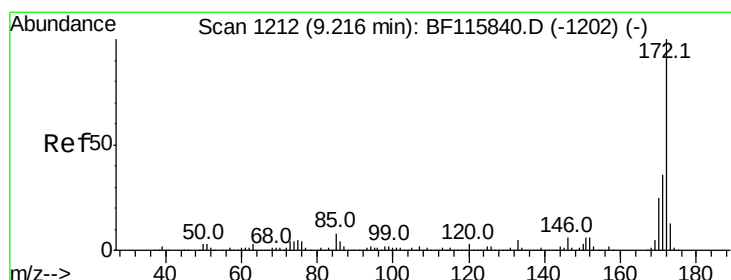
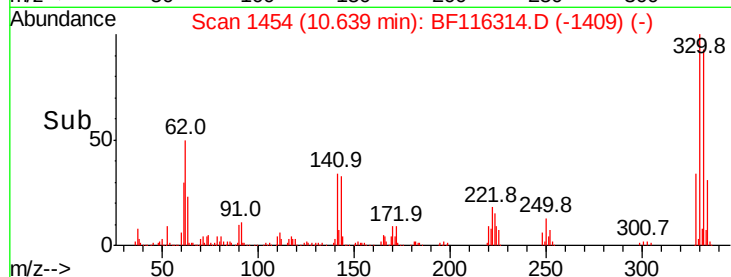
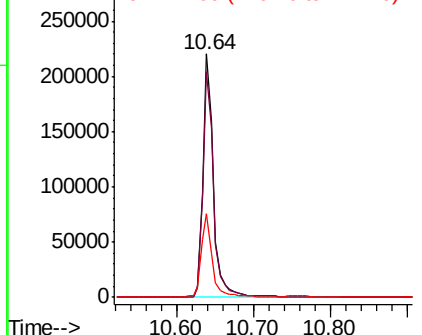
Tot Ion:	330	Resp:	211104
Ion Ratio	Lower	Upper	
330	100		
332	94.8	76.8	115.2
141	35.0	26.3	39.5

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 68.494 ng

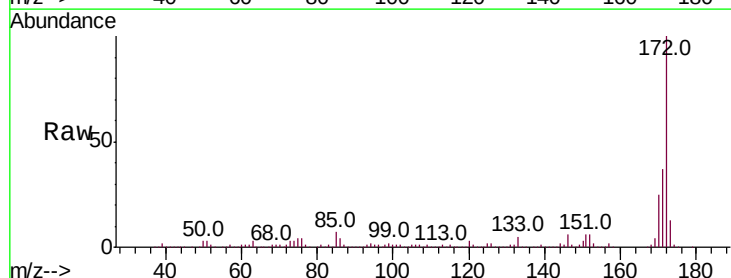
RT: 9.17 min Scan# 1204

Delta R.T. -0.04 min

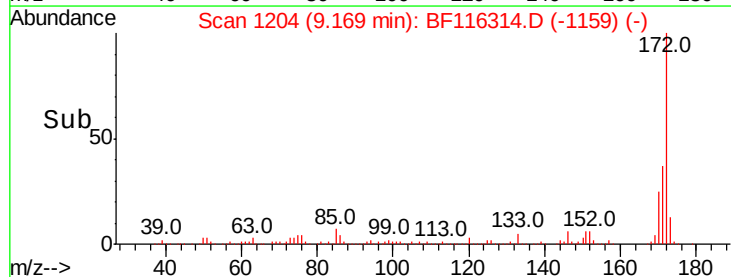
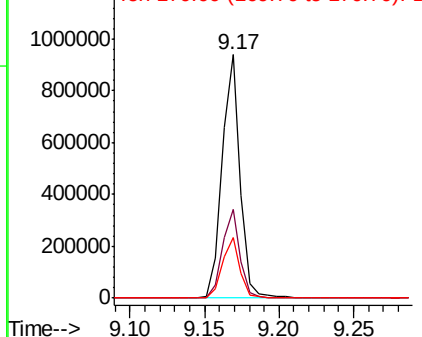
Lab File: BF116314.D

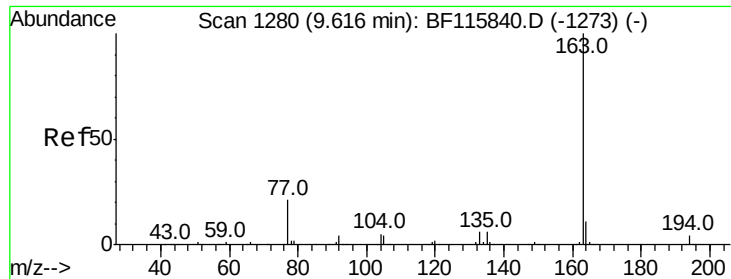
Acq: 16 Aug 2019 11:33

Tgt Ion:	172	Resp:	798782
Ion Ratio	Lower	Upper	
172	100		
171	36.6	29.6	44.4
170	24.9	20.1	30.1



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





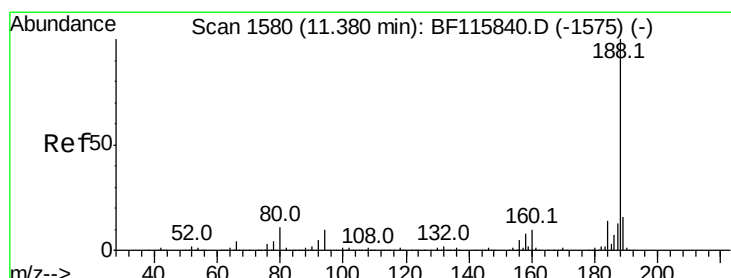
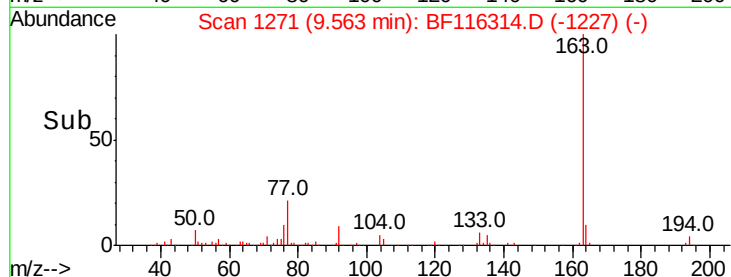
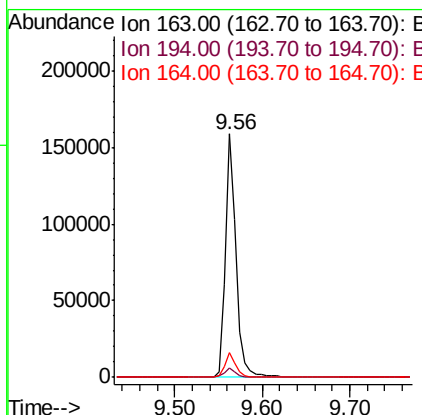
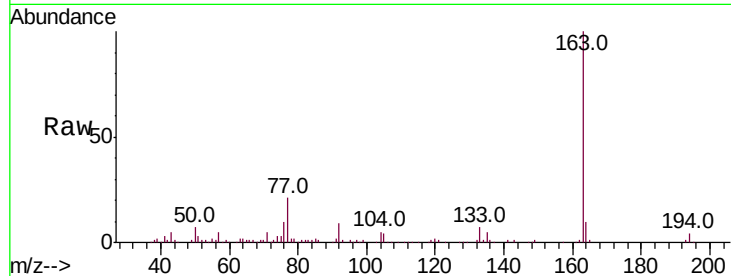
#50
 Dimethylphthalate
 Concen: 9.089 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.04 min
 Lab File: BF116314.D
 Acq: 16 Aug 2019 11:33

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-292

Tot Ion	Ratio	Resp	Lower	Upper
163	100	135179		
194	4.0		3.0	4.6
164	10.1		8.4	12.6

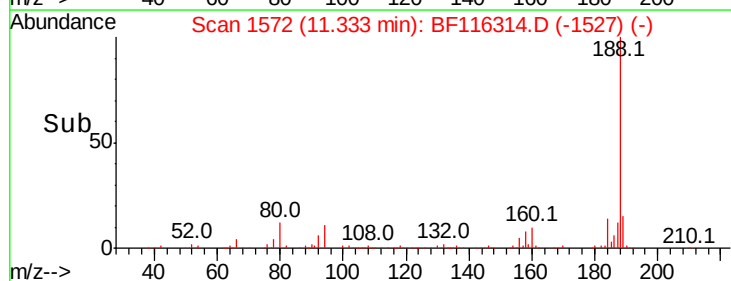
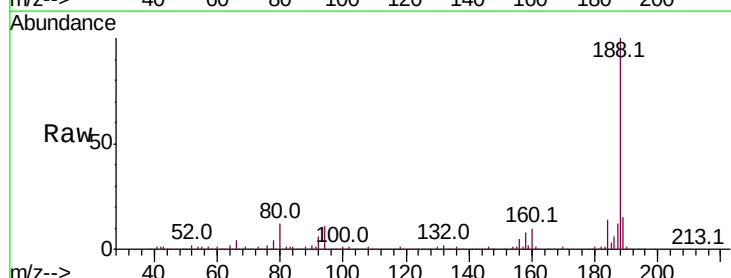
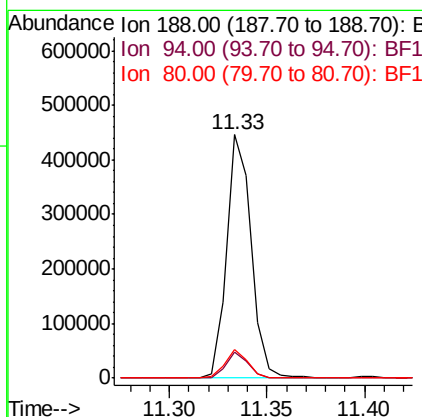
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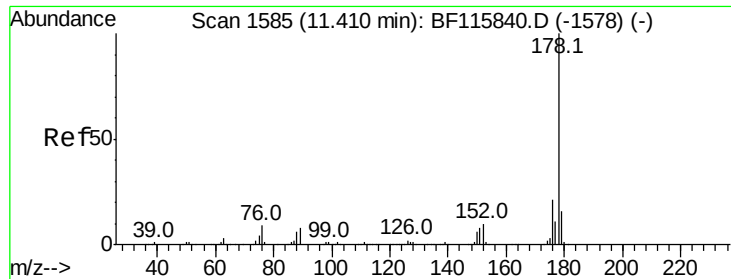
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#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.04 min
 Lab File: BF116314.D
 Acq: 16 Aug 2019 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	388390		
94	10.9		8.1	12.1
80	11.7		8.7	13.1





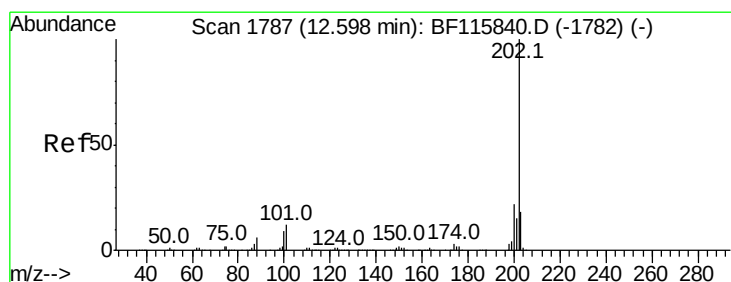
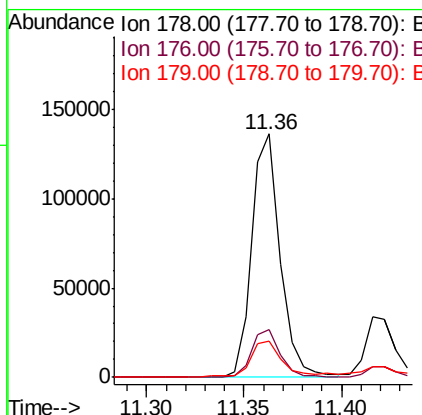
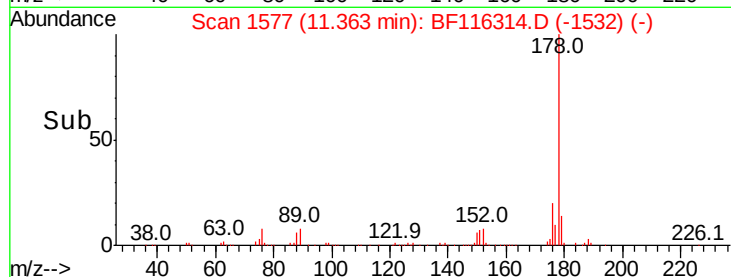
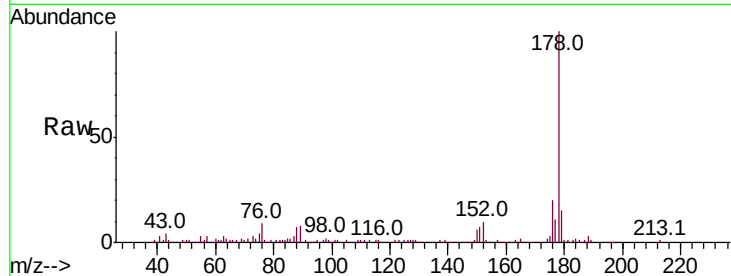
#71
Phenanthrene
Concen: 6.938 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.04 min
Lab File: BF116314.D
Acq: 16 Aug 2019 11:33

Instrument :
BNA_F
ClientSampleId :
ETGI-292

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.6	24.8
179	14.8	12.5	18.7

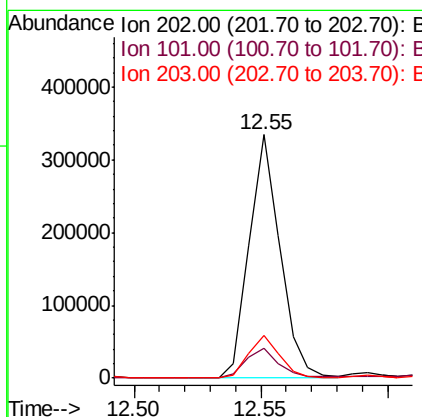
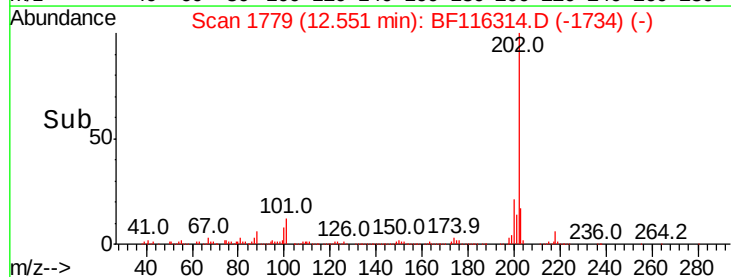
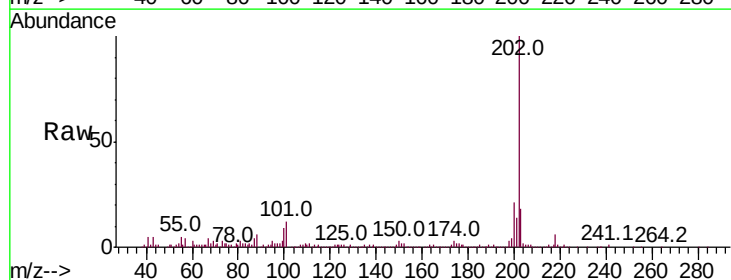
Manual Integrations
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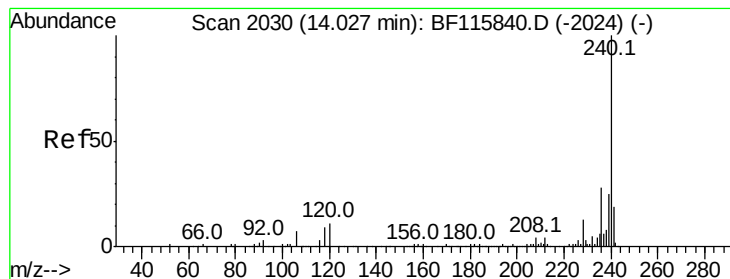
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#75
Fluoranthene
Concen: 13.737 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.04 min
Lab File: BF116314.D
Acq: 16 Aug 2019 11:33

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	31.2
203	17.7	0.0	37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.04 min

Lab File: BF116314.D

Acq: 16 Aug 2019 11:33

Instrument :

BNA_F

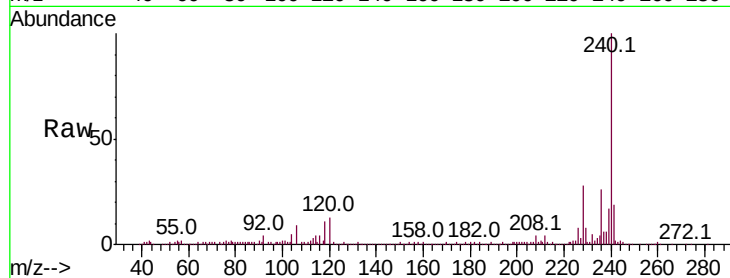
ClientSampleId :

ETGI-292

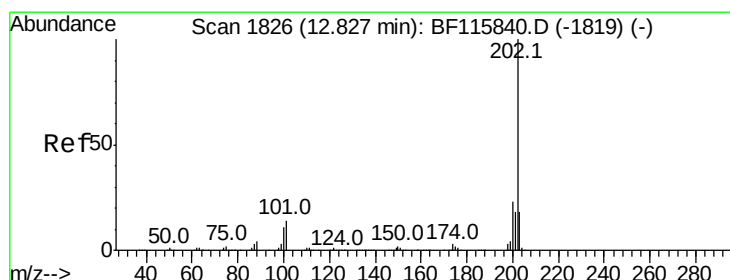
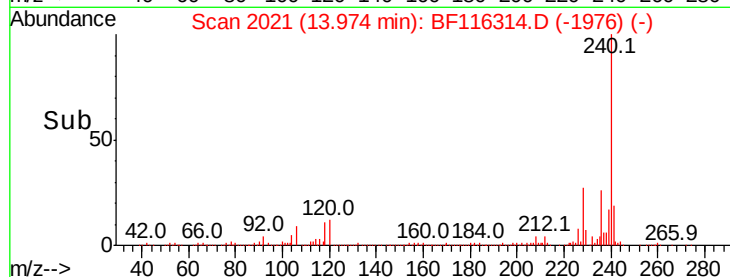
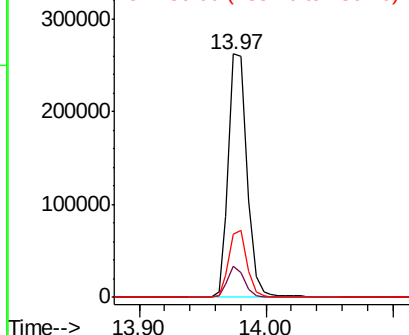
Tot Ion:	240	Resp:	266375
Ion Ratio	Lower	Upper	
240	100		
120	12.6	10.7	16.1
236	26.2	22.2	33.2

Manual Integrations
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#78

Pyrene

Concen: 13.391 ng

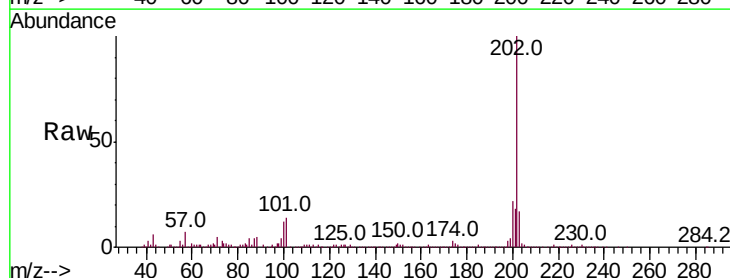
RT: 12.78 min Scan# 1818

Delta R.T. -0.04 min

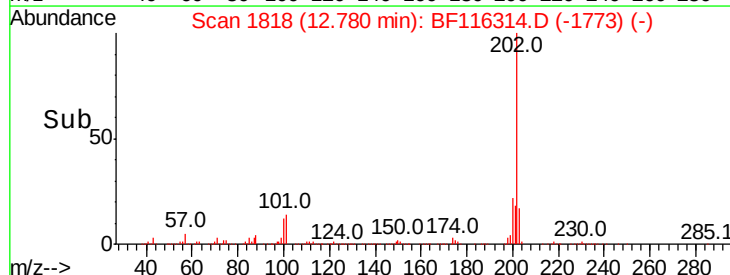
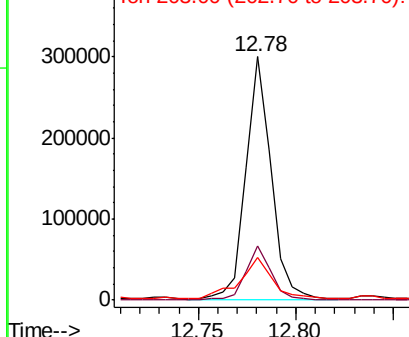
Lab File: BF116314.D

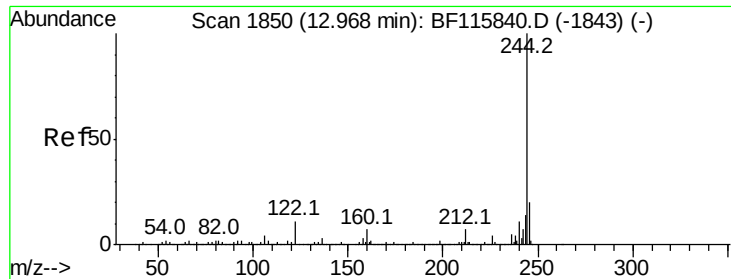
Acq: 16 Aug 2019 11:33

Tgt Ion:	202	Resp:	268894
Ion Ratio	Lower	Upper	
202	100		
200	22.1	18.0	27.0
203	17.3	14.1	21.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





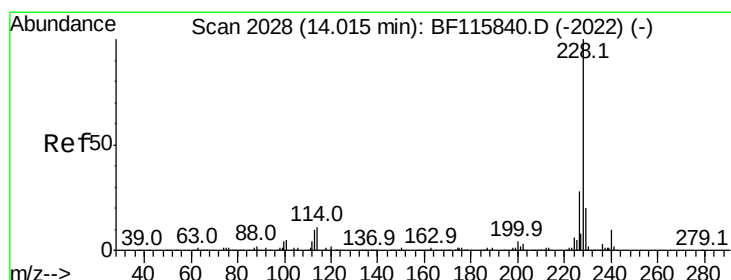
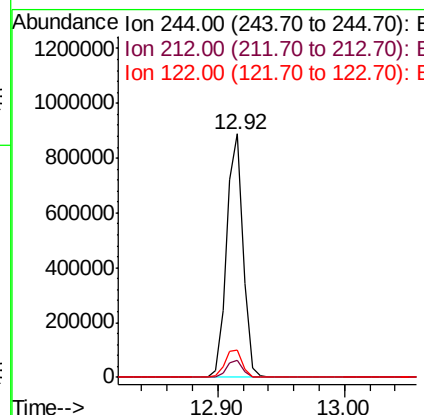
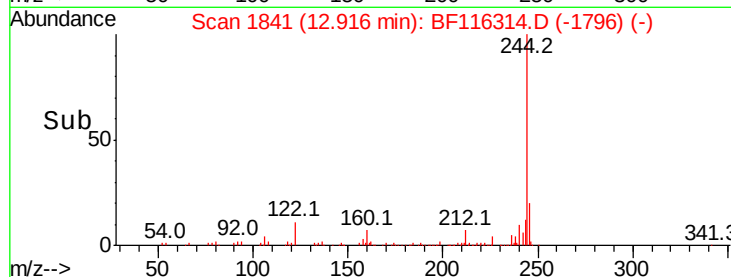
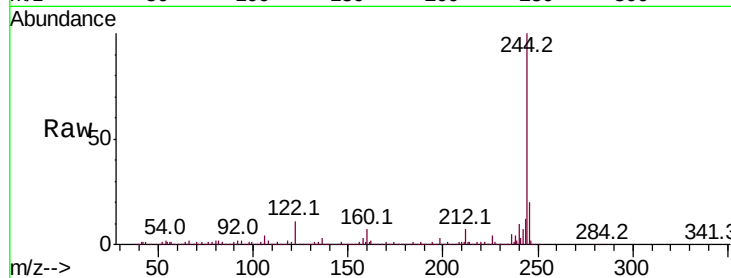
#79
 Terphenyl-d14
 Concen: 63.725 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: BF116314.D
 Acq: 16 Aug 2019 11:33

Instrument :
 BNA_F
 ClientSampled :
 ETGI-292

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	11.0	9.0	13.4

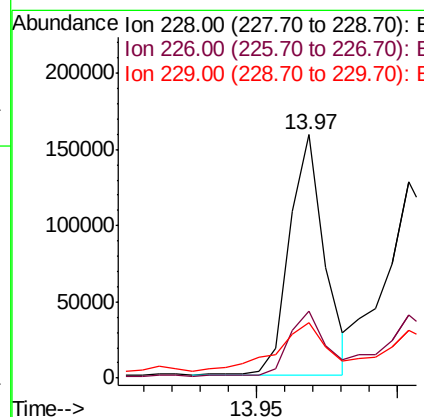
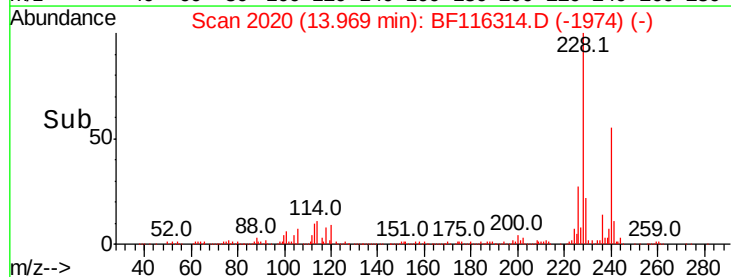
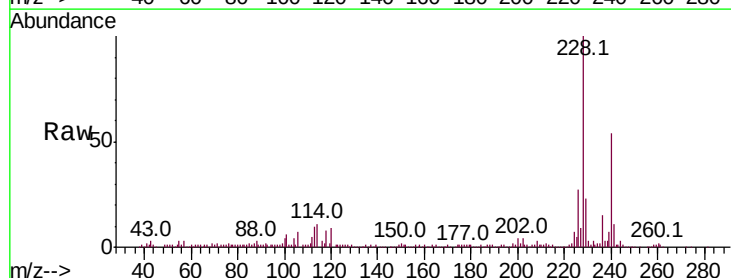
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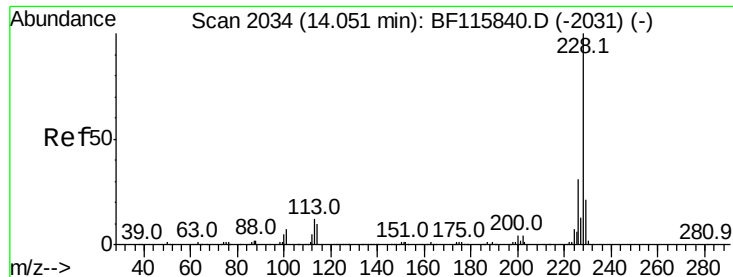
mohammad
 8/20/2019 8:36:48 AM



#81
 Benzo(a)anthracene
 Concen: 7.940 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.03 min
 Lab File: BF116314.D
 Acq: 16 Aug 2019 11:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.7	34.1
229	22.8	16.2	24.4





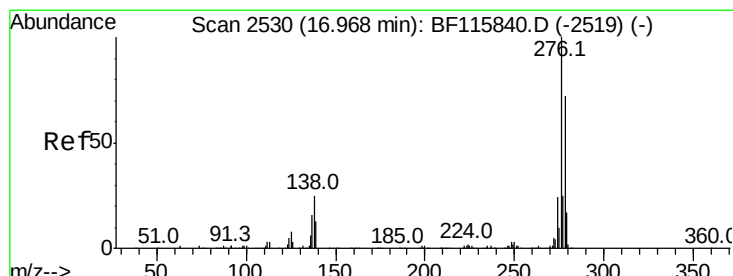
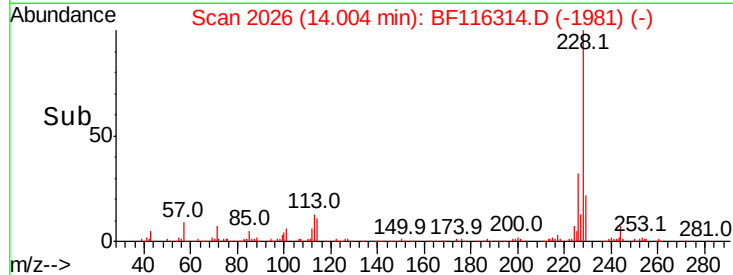
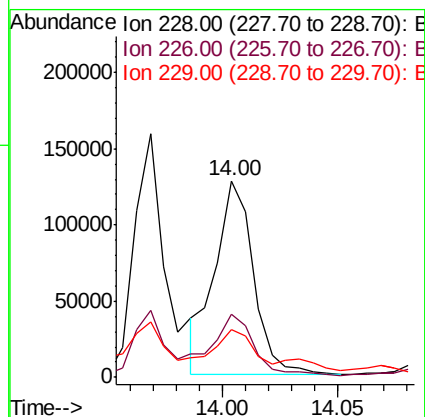
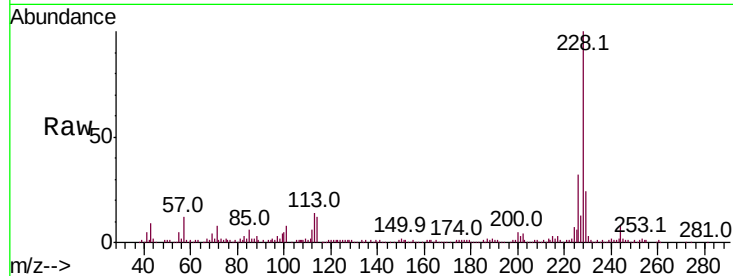
#83
Chrysene
Concen: 8.845 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.04 min
Lab File: BF116314.D
Acq: 16 Aug 2019 11:33

Instrument :
BNA_F
ClientSampleId :
ETGI-292

Tot Ion:	228	Resp:	146194
Ion Ratio	Lower	Upper	
228	100		
226	32.3	25.5	38.3
229	24.2	16.6	24.8

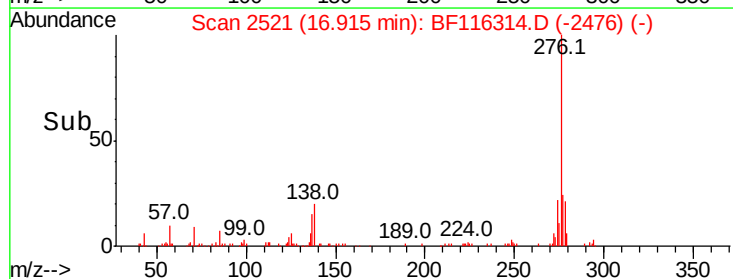
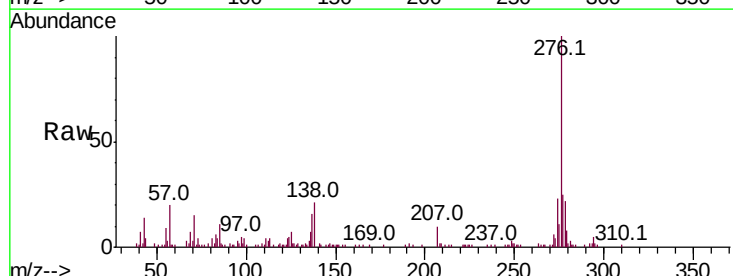
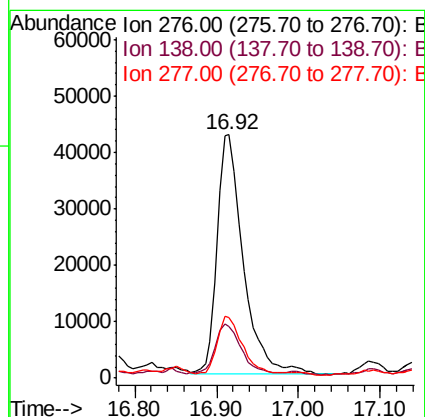
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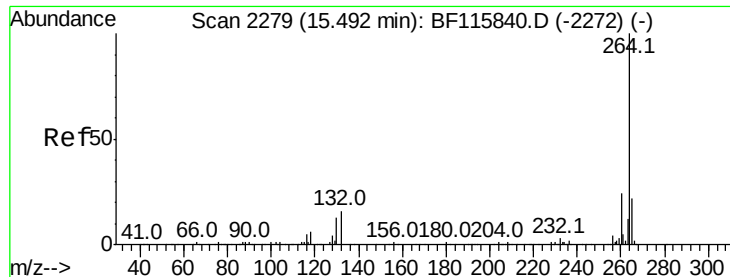
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 6.843 ng
RT: 16.92 min Scan# 2521
Delta R.T. -0.04 min
Lab File: BF116314.D
Acq: 16 Aug 2019 11:33

Tgt Ion:	276	Resp:	94995
Ion Ratio	Lower	Upper	
276	100		
138	21.8	20.4	30.6
277	22.7	20.0	30.0





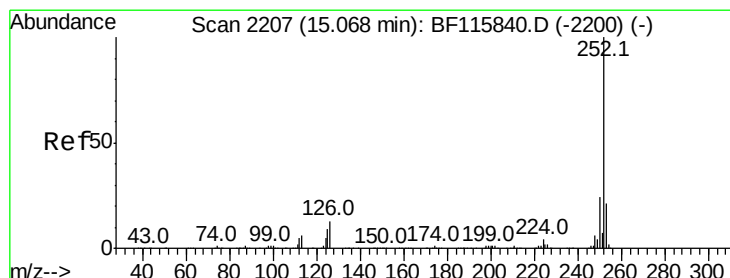
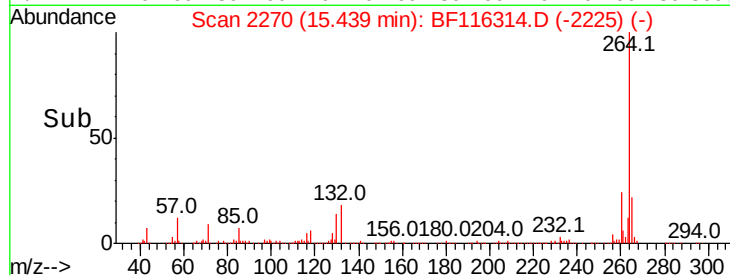
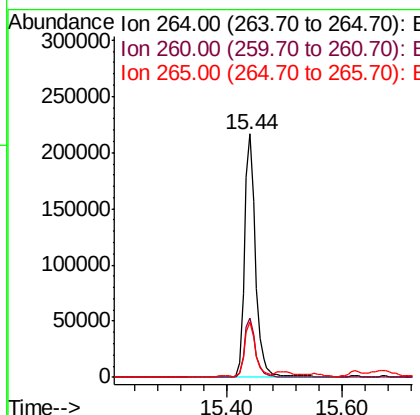
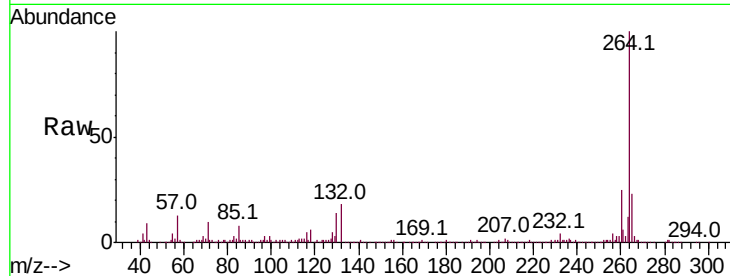
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.04 min
Lab File: BF116314.D
Acq: 16 Aug 2019 11:33

Instrument :
BNA_F
ClientSampled :
ETGI-292

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	24.6	19.7	29.5
265	22.6	17.4	26.0

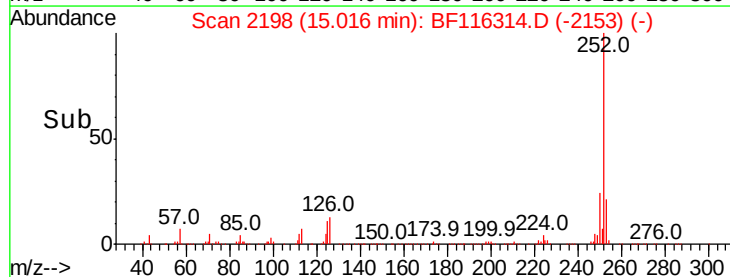
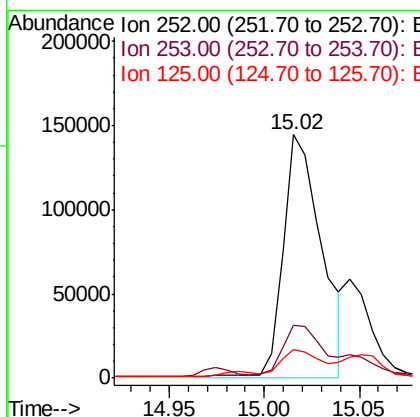
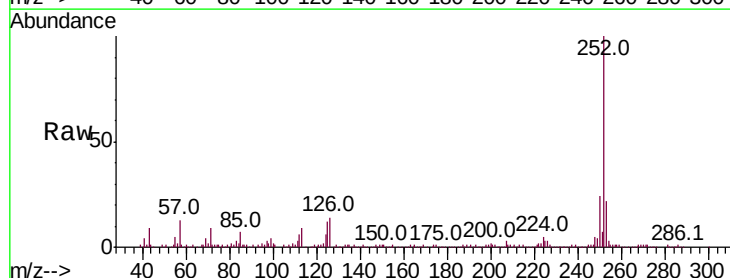
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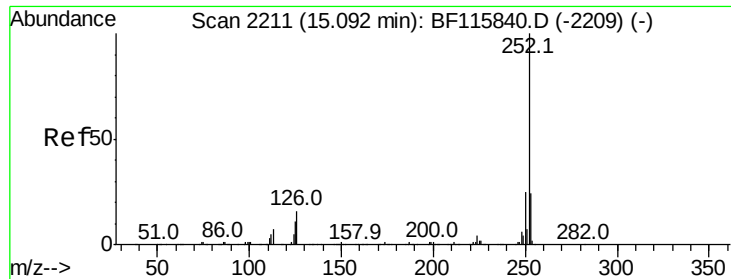
mohammad
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#88
Benzo(b)fluoranthene
Concen: 12.383 ng m
RT: 15.02 min Scan# 2198
Delta R.T. -0.04 min
Lab File: BF116314.D
Acq: 16 Aug 2019 11:33

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.8	17.8	26.8
125	12.0	8.4	12.6





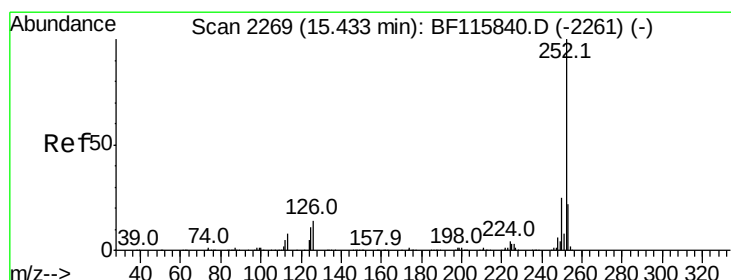
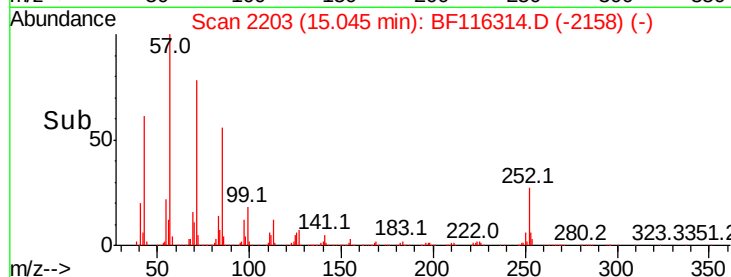
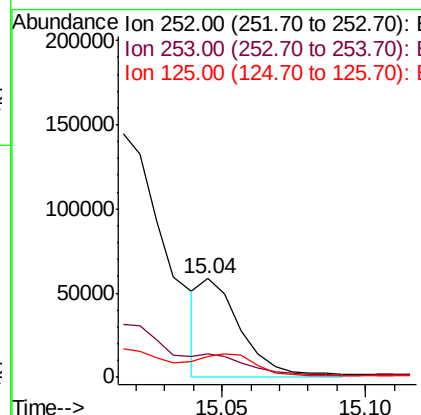
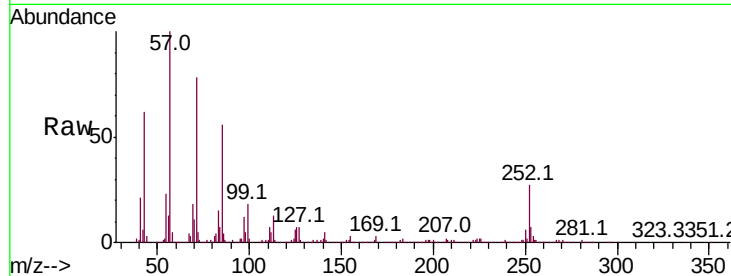
#89
Benzo(k)fluoranthene
Concen: 3.615 ng m
RT: 15.04 min Scan# 2203
Delta R.T. -0.04 min
Lab File: BF116314.D
Acq: 16 Aug 2019 11:33

Instrument :
BNA_F
ClientSampleId :
ETGI-292

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.8
125	20.9	7.7	11.5

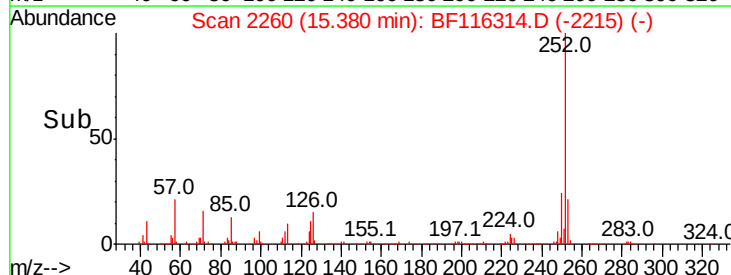
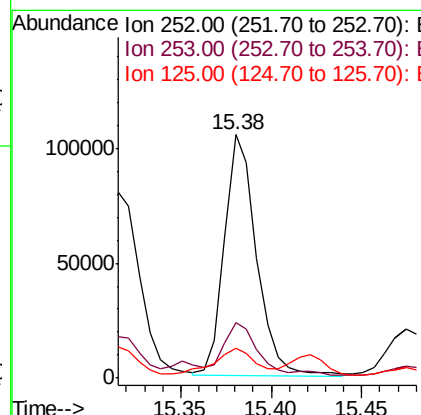
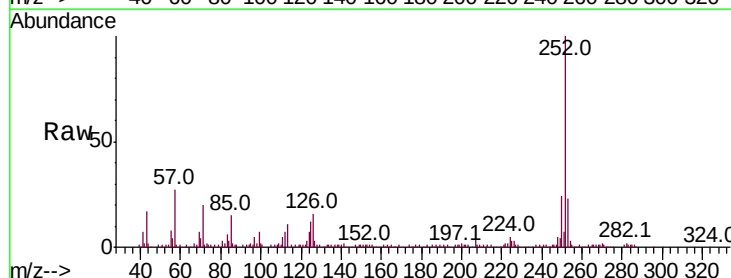
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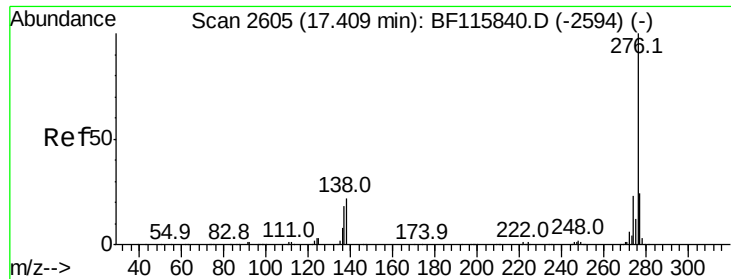
mohammad
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#90
Benzo(a)pyrene
Concen: 8.756 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.04 min
Lab File: BF116314.D
Acq: 16 Aug 2019 11:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	12.1	8.9	13.3





#92
 Benzo(a,h,i)perylene
 Concen: 7.233 ng
 RT: 17.35 min Scan# 2595
 Delta R.T. -0.04 min
 Lab File: BF116314.D
 Acq: 16 Aug 2019 11:33

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-292

Tot Ion:	276	Resp:	91013
Ion Ratio	Lower	Upper	
276	100		
277	24.6	18.4	27.6
138	22.6	17.0	25.6

Manual Integrations
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