

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010220\
 Data File : BF118440.D
 Acq On : 2 Jan 2020 17:26
 Operator : JU
 Sample : K6441-06DL 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K321-WC-01DL

Manual Integrations
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mohammad
 1/3/2020 11:04:14 AM

Quant Time: Jan 03 02:59:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	133036	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	539428	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	269348	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	440741	20.00	ng	0.00
76) Chrysene-d12	14.04	240	289642	20.00	ng	0.00
87) Perylene-d12	15.53	264	298846	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	94266	12.10	ng	0.00
7) Phenol-d6	6.49	99	127422	13.18	ng	0.00
23) Nitrobenzene-d5	7.42	82	68755	7.29	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	31245	9.39	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	161352	9.14	ng	-0.01
79) Terphenyl-d14	12.97	244	150878	8.64	ng	-0.01
Target Compounds						
71) Phenanthrene	11.42	178	574533	23.912	ng	99
72) Anthracene	11.47	178	122326	5.086	ng	97
75) Fluoranthene	12.61	202	610580	25.180	ng	98
78) Pyrene	12.84	202	552577	23.362	ng	99
81) Benzo(a)anthracene	14.03	228	257558	12.704	ng	98
83) Chrysene	14.07	228	221197	11.394	ng	97
86) Indeno(1,2,3-cd)pyrene	17.04	276	95424	5.769	ng	95
88) Benzo(b)fluoranthene	15.10	252	274045m	13.815	ng	
89) Benzo(k)fluoranthene	15.12	252	73651m	3.867	ng	
90) Benzo(a)pyrene	15.47	252	186972	10.699	ng	98
92) Benzo(g,h,i)perylene	17.50	276	88894	6.068	ng	97

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

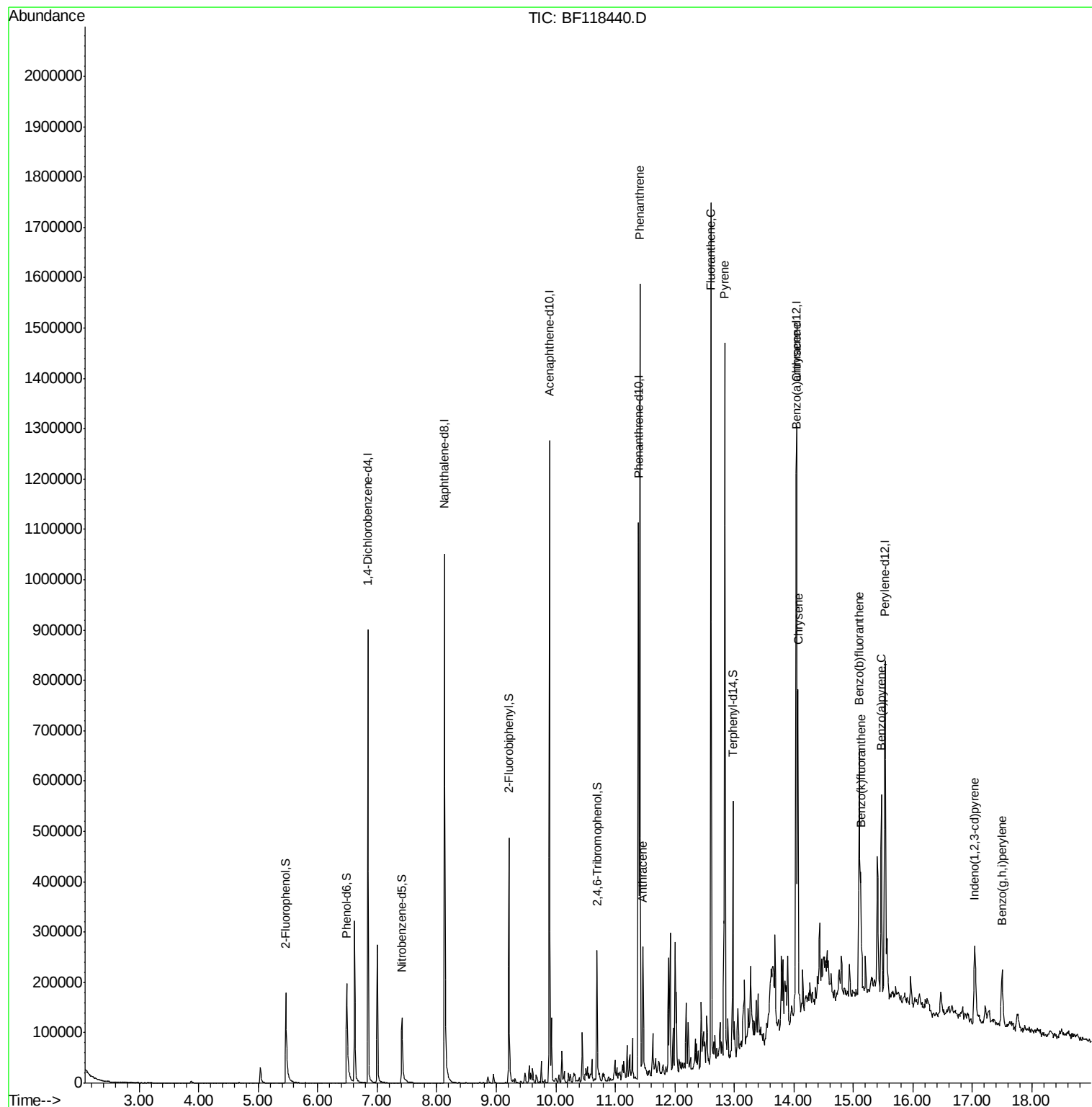
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010220\
Data File : BF118440.D
Acq On : 2 Jan 2020 17:26
Operator : JU
Sample : K6441-06DL 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

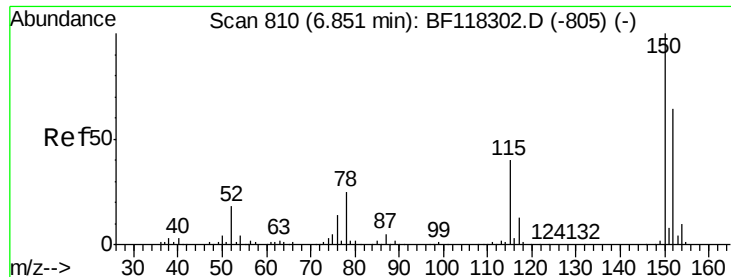
Instrument :
BNA_F
ClientSampleID :
K321-WC-01DL

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Quant Time: Jan 03 02:59:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

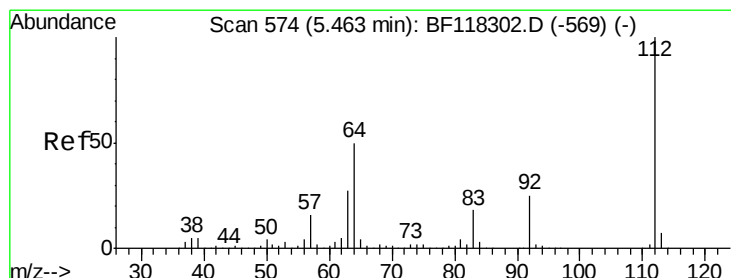
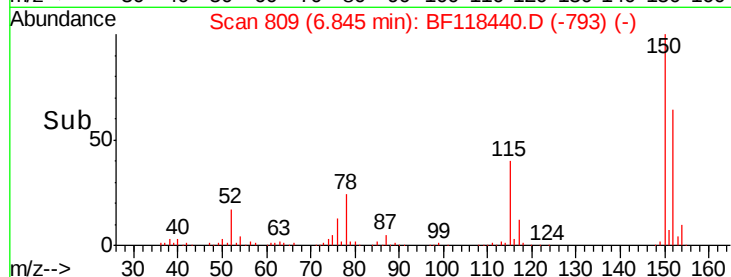
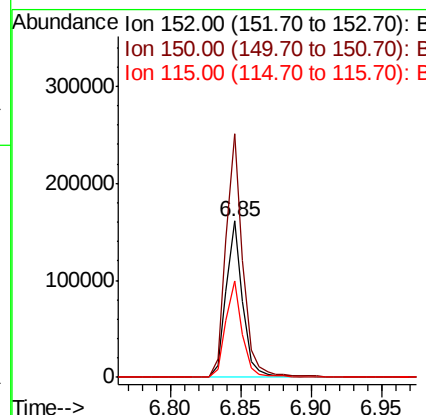
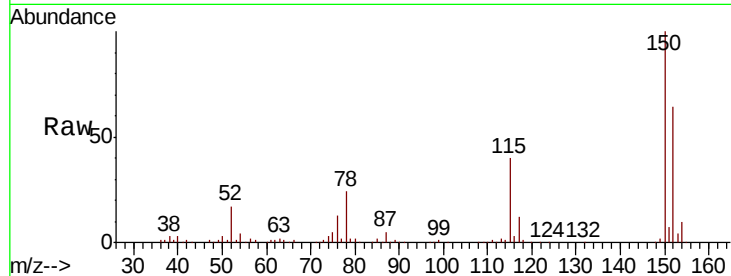
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF118440.D
 Acq: 2 Jan 2020 17:26

Instrument :
 BNA_F
 ClientSampleId :
 K321-WC-01DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	125.4	188.2
115	61.6	50.2	75.4

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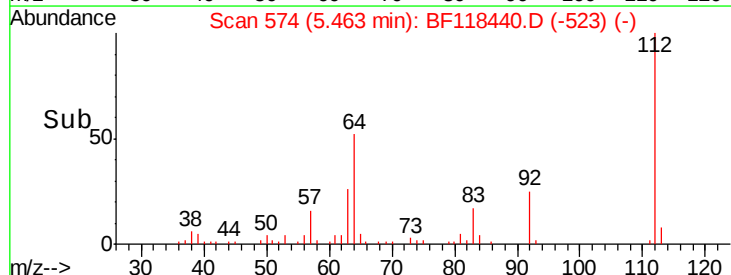
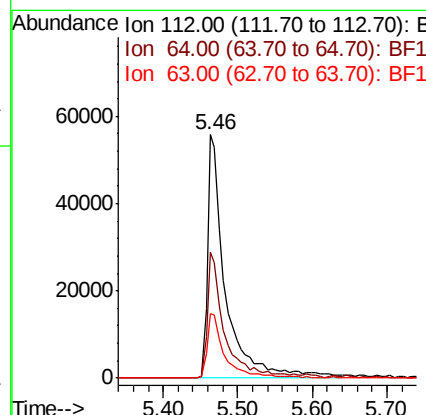
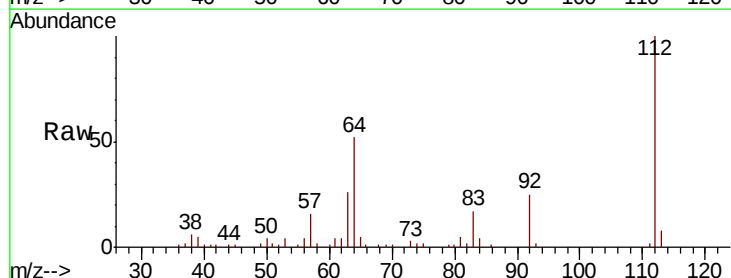
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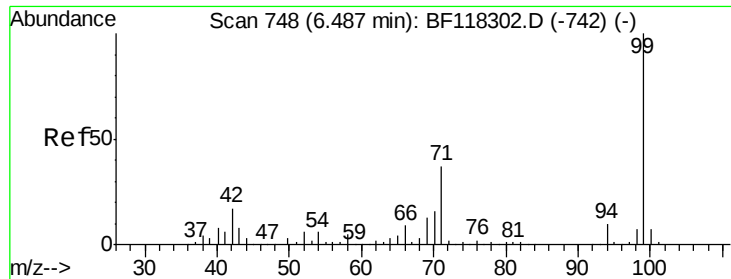


#5

2-Fluorophenol
 Concen: 12.095 ng
 RT: 5.46 min Scan# 574
 Delta R.T. 0.00 min
 Lab File: BF118440.D
 Acq: 2 Jan 2020 17:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.6	39.7	59.5
63	26.4	21.7	32.5





#7

Phenol-d6

Concen: 13.180 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF118440.D

Acq: 2 Jan 2020 17:26

Instrument :

BNA_F

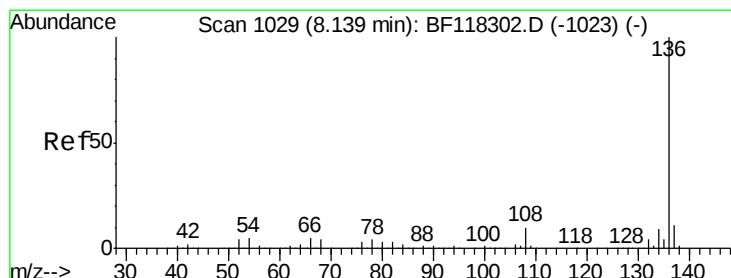
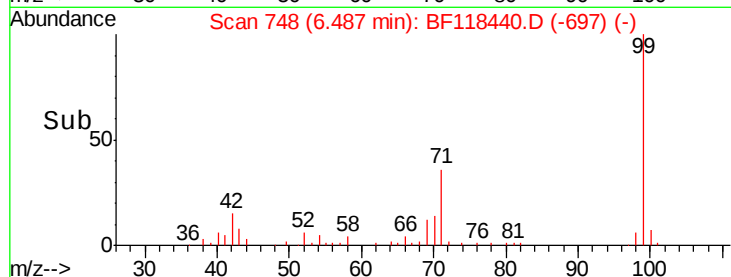
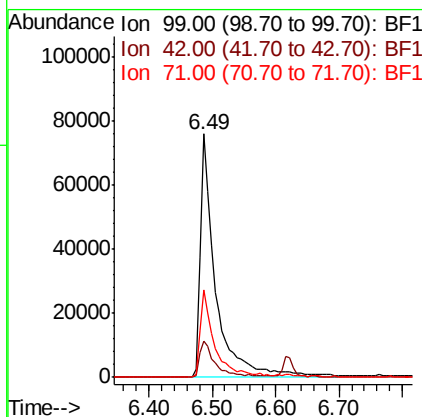
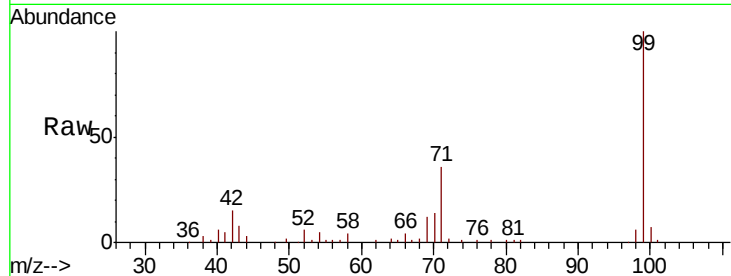
ClientSampleID :

K321-WC-01DL

Tot Ion:	99	Resp:	127422
Ion	Ratio	Lower	Upper
99	100		
42	14.9	13.5	20.3
71	35.8	29.4	44.2

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#21

Naphthalene-d8

Concen: 20.000 ng

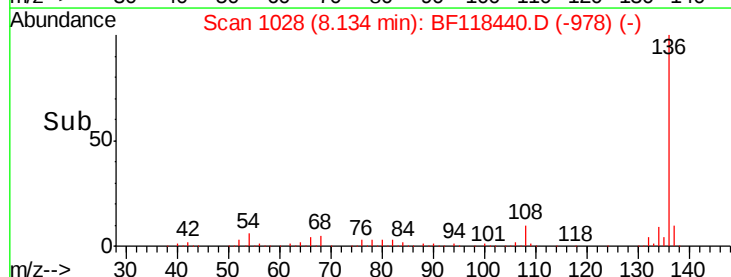
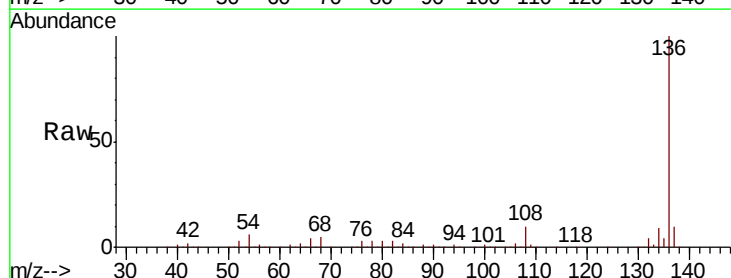
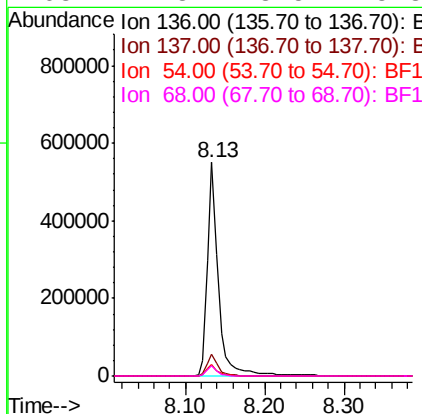
RT: 8.13 min Scan# 1028

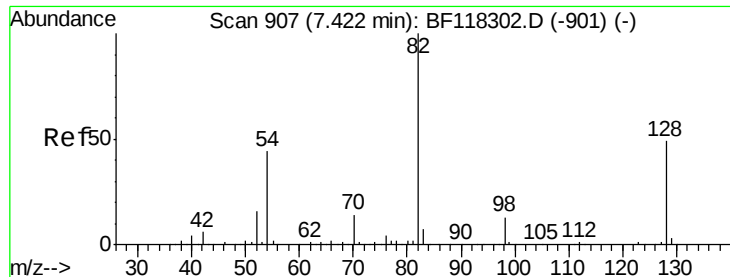
Delta R.T. -0.01 min

Lab File: BF118440.D

Acq: 2 Jan 2020 17:26

Tgt Ion:	136	Resp:	539428
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	5.6	4.2	6.4
68	4.8	3.5	5.3





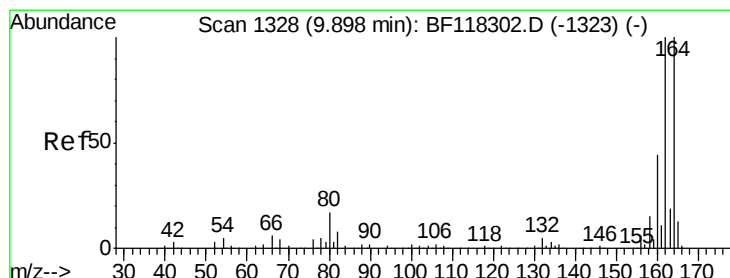
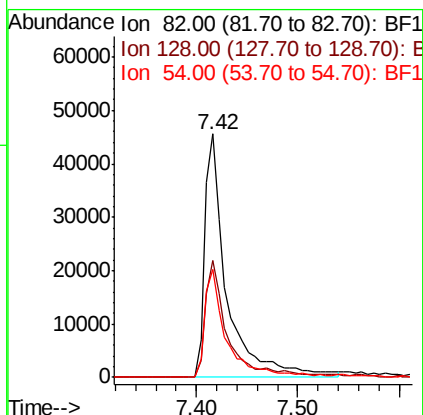
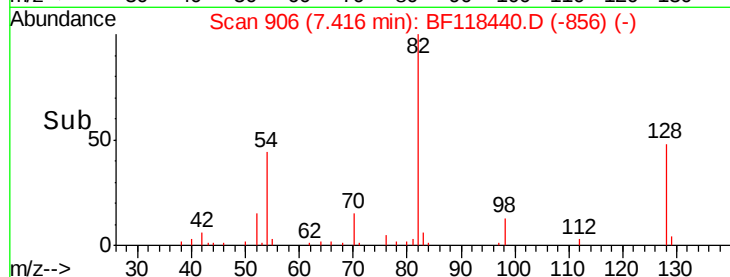
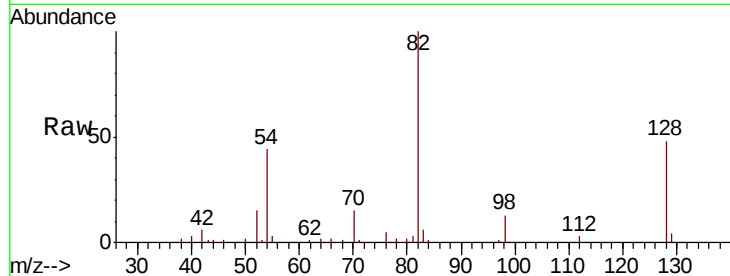
#23
Nitrobenzene-d5
Concen: 7.290 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF118440.D
Acq: 2 Jan 2020 17:26

Instrument :
BNA_F
ClientSampleId :
K321-WC-01DL

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.8	39.6	59.4
54	44.1	34.9	52.3

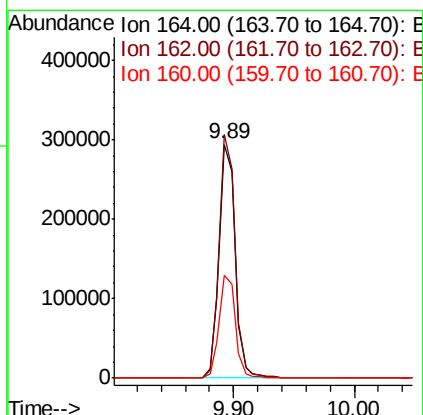
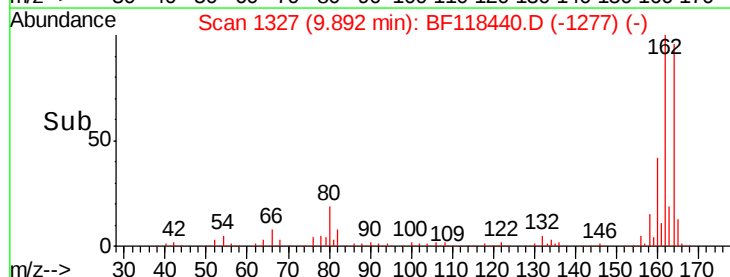
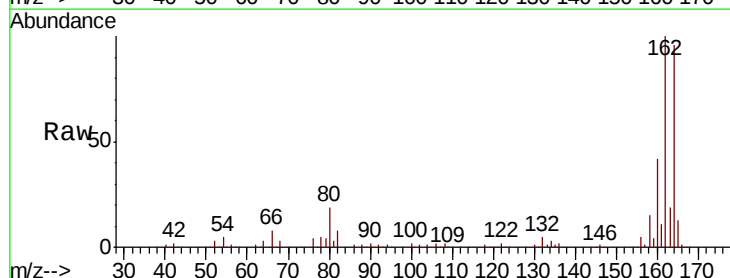
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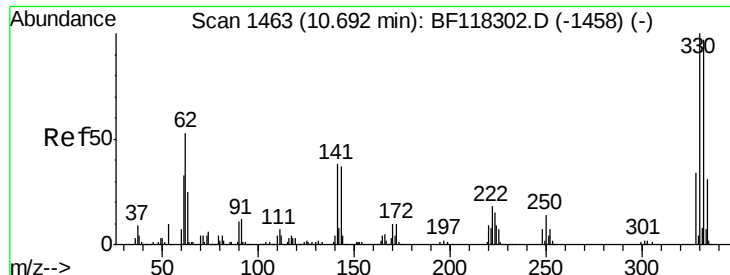
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF118440.D
Acq: 2 Jan 2020 17:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	80.0	120.0
160	44.1	34.8	52.2





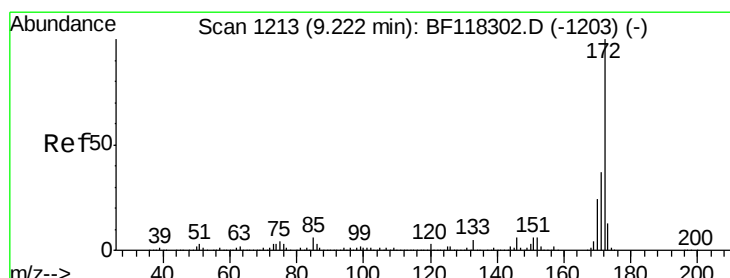
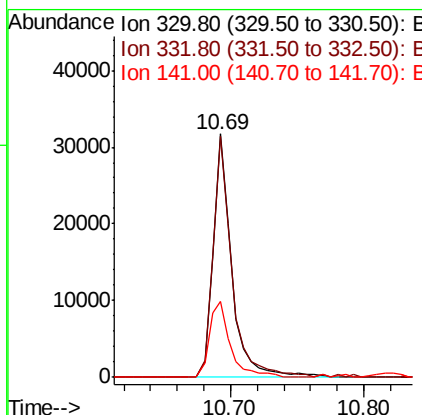
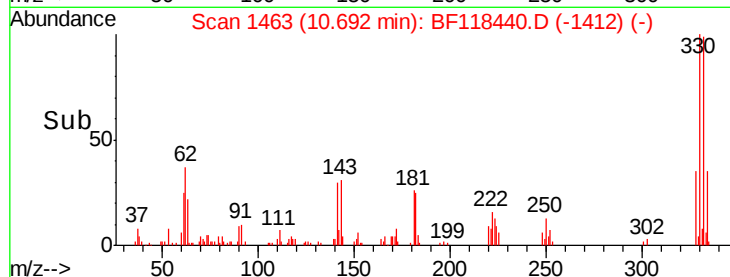
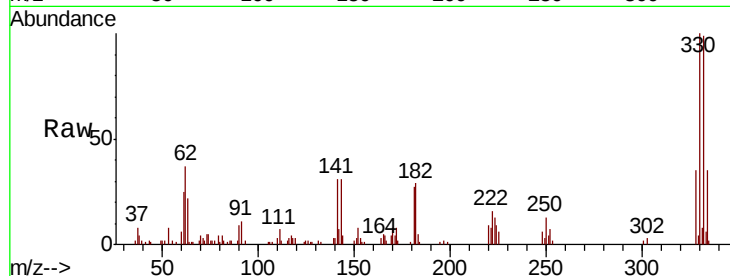
#42
 2,4,6-Tribromophenol
 Concen: 9.393 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: BF118440.D
 Acq: 2 Jan 2020 17:26

Instrument :
 BNA_F
 ClientSampleId :
 K321-WC-01DL

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.8	76.6	114.8
141	34.7	26.0	39.0

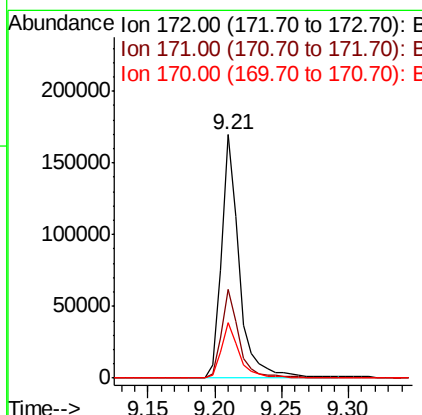
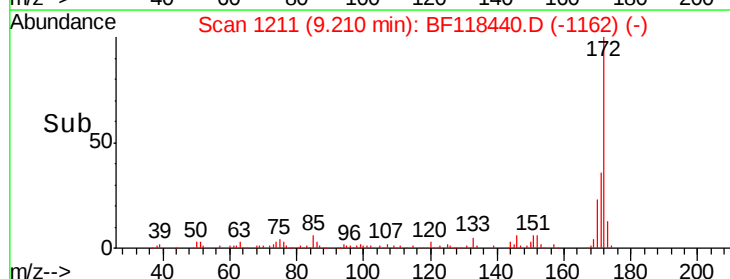
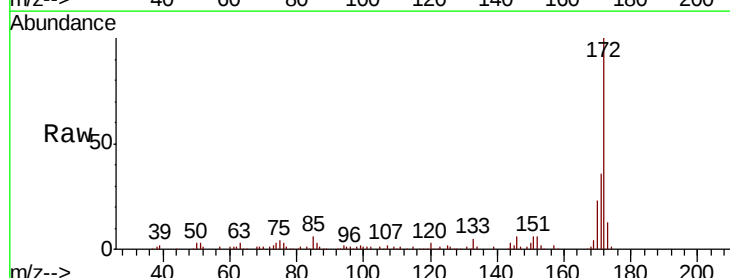
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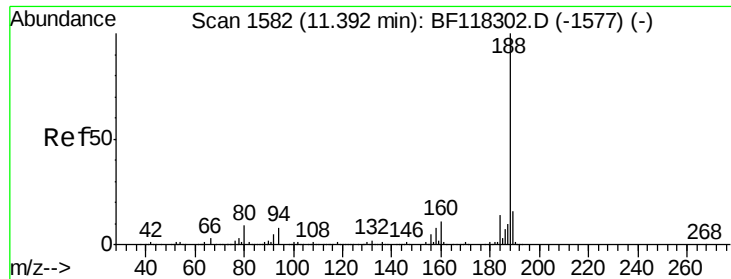
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#45
 2-Fluorobiphenyl
 Concen: 9.144 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF118440.D
 Acq: 2 Jan 2020 17:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.3	43.9
170	22.9	19.2	28.8





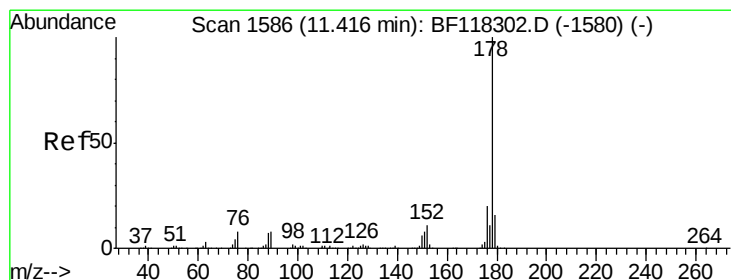
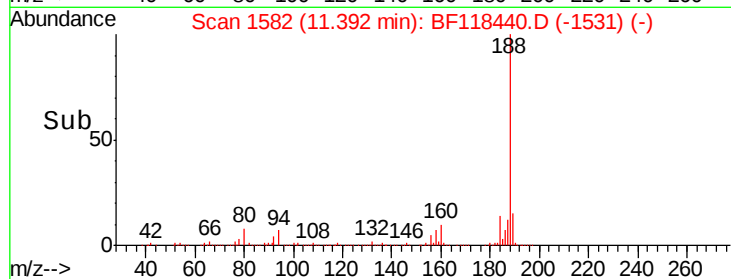
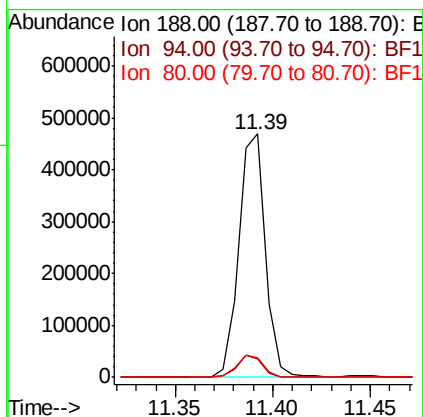
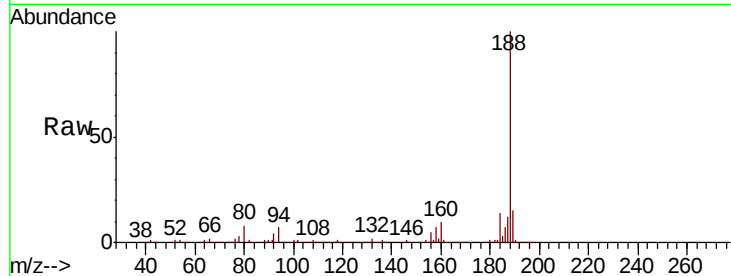
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF118440.D
Acq: 2 Jan 2020 17:26

Instrument :
BNA_F
ClientSampleId :
K321-WC-01DL

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.7	10.1
80	7.9	7.2	10.8

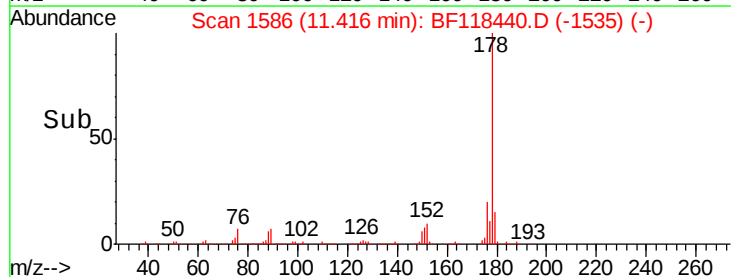
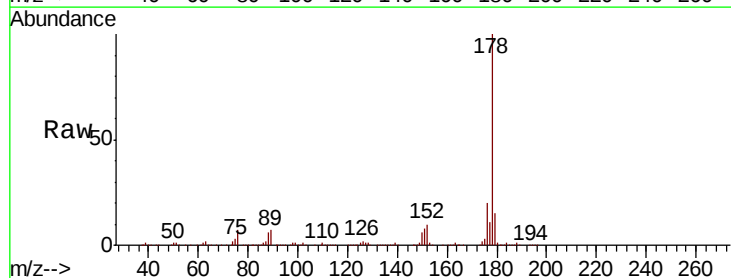
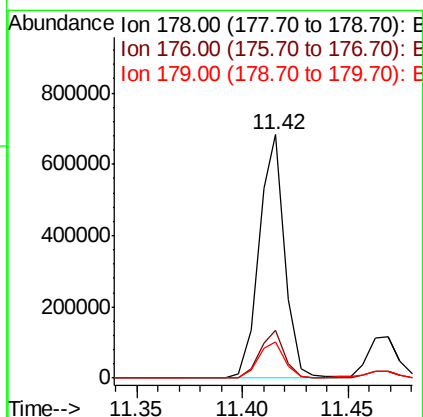
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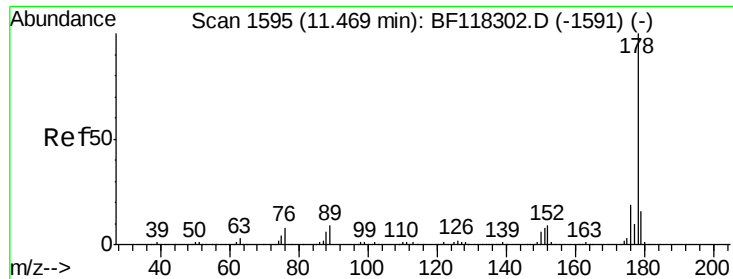
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#71
Phenanthrene
Concen: 23.912 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF118440.D
Acq: 2 Jan 2020 17:26

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	15.0	12.6	19.0





#72

Anthracene

Concen: 5.086 ng

RT: 11.47 min Scan# 1595

Delta R.T. 0.00 min

Lab File: BF118440.D

Acq: 2 Jan 2020 17:26

Instrument :

BNA_F

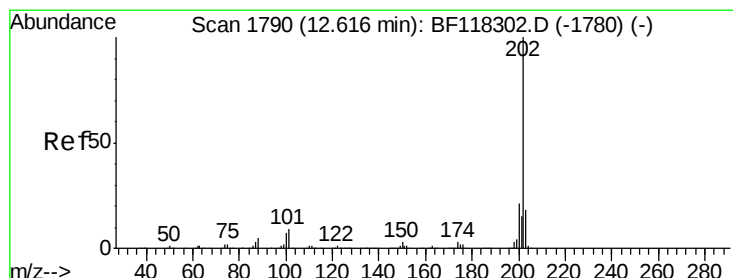
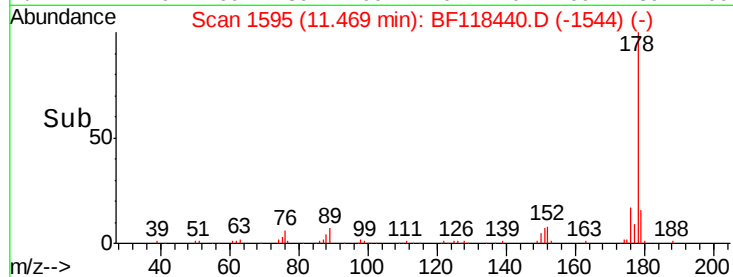
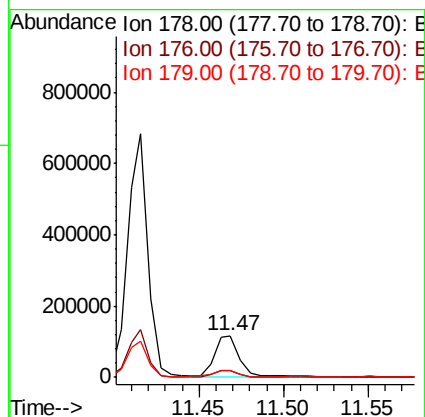
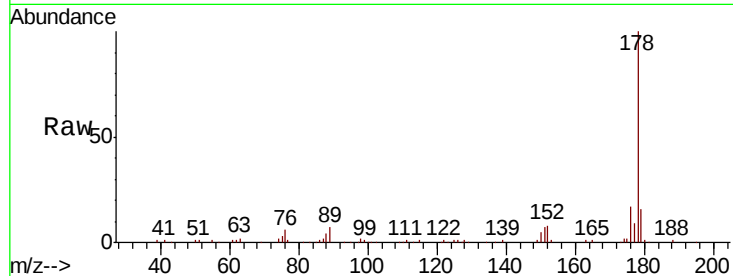
ClientSampleId :

K321-WC-01DL

Tot Ion	Ratio	Lower	Upper
178	100		
176	16.7	15.2	22.8
179	15.6	12.9	19.3

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#75

Fluoranthene

Concen: 25.180 ng

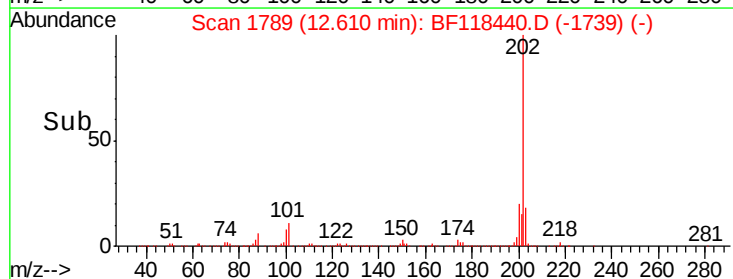
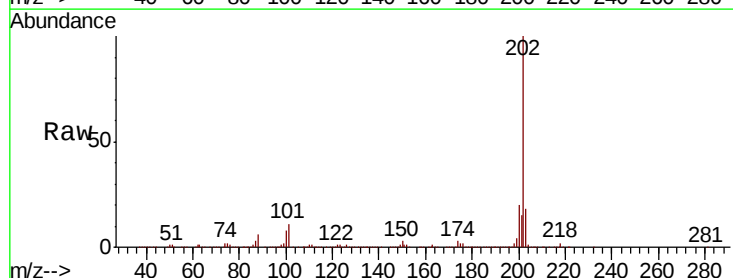
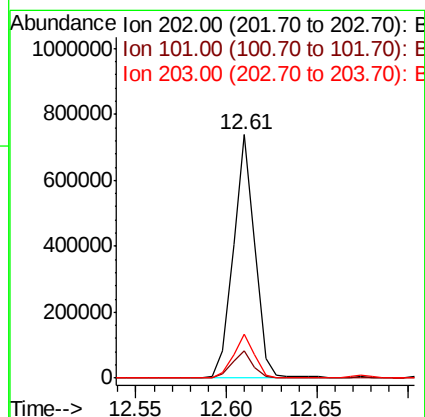
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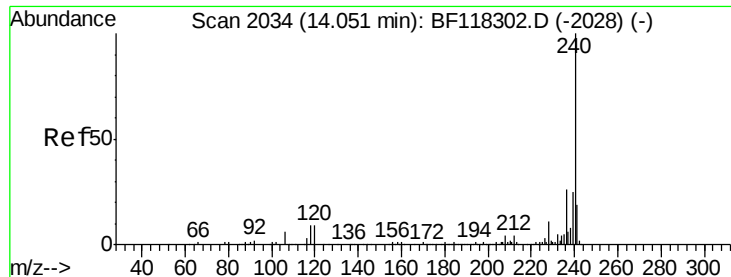
Delta R.T. -0.01 min

Lab File: BF118440.D

Acq: 2 Jan 2020 17:26

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	29.5
203	17.8	0.0	37.6





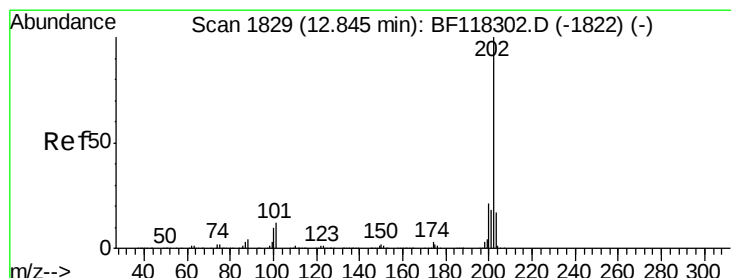
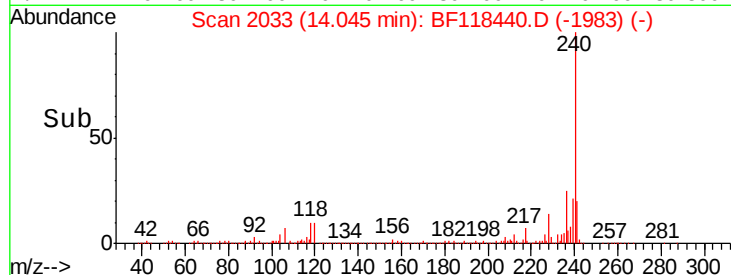
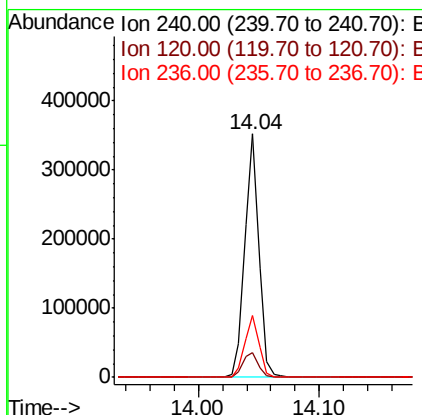
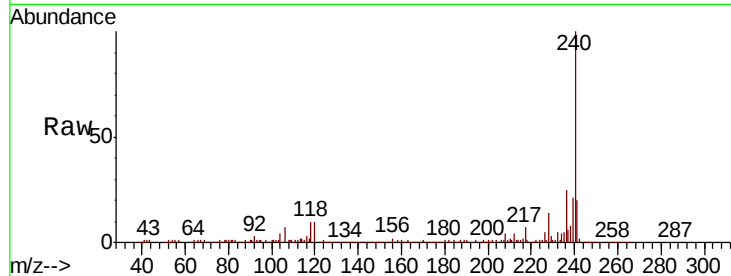
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF118440.D
Acq: 2 Jan 2020 17:26

Instrument :
BNA_F
ClientSampleId :
K321-WC-01DL

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.2	7.1	10.7
236	25.4	21.0	31.6

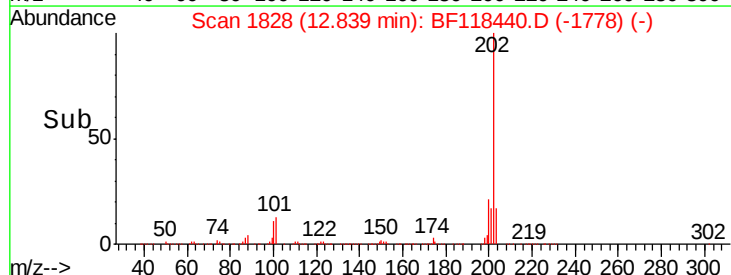
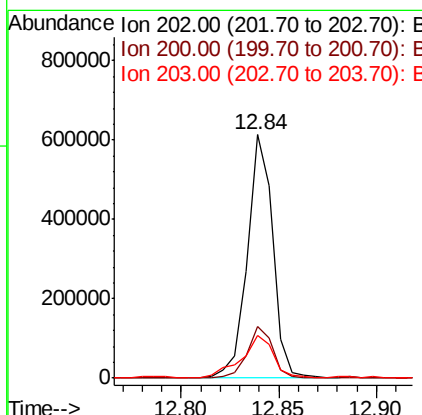
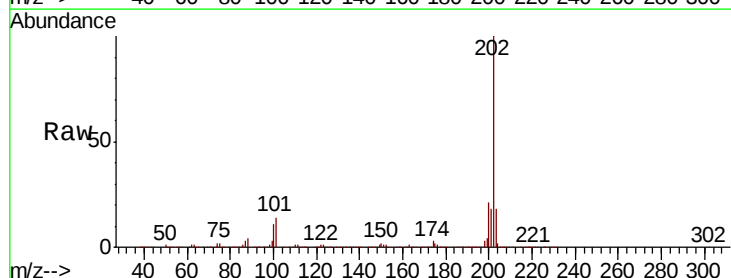
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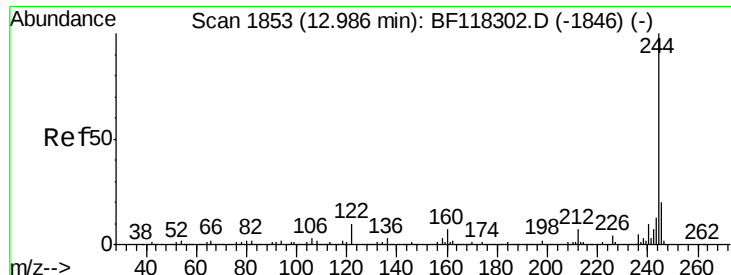
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#78
Pyrene
Concen: 23.362 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF118440.D
Acq: 2 Jan 2020 17:26

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.8	25.2
203	17.7	13.9	20.9





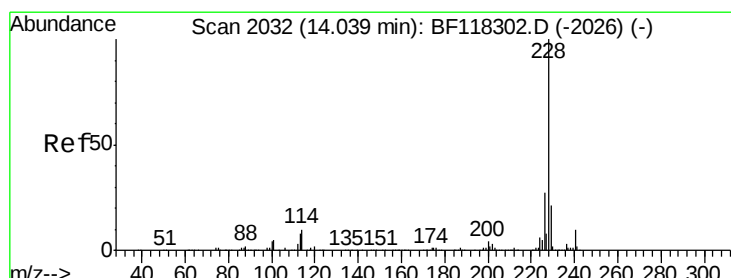
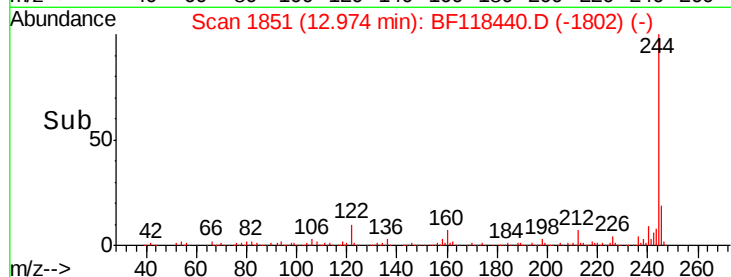
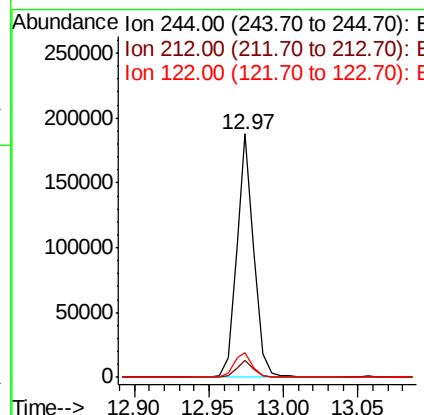
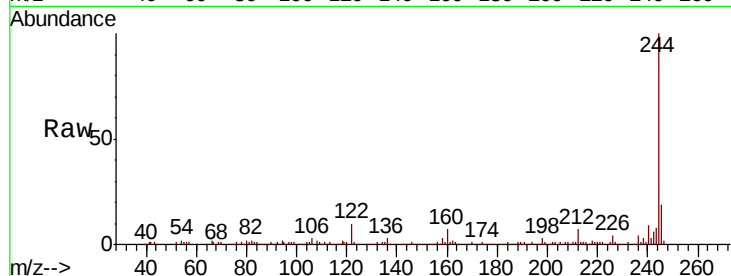
#79
 Terphenyl-d14
 Concen: 8.642 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF118440.D
 Acq: 2 Jan 2020 17:26

Instrument :
 BNA_F
 ClientSampleID :
 K321-WC-01DL

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.2
122	10.3	7.8	11.8

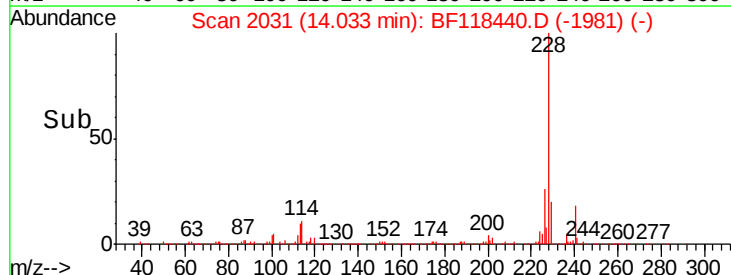
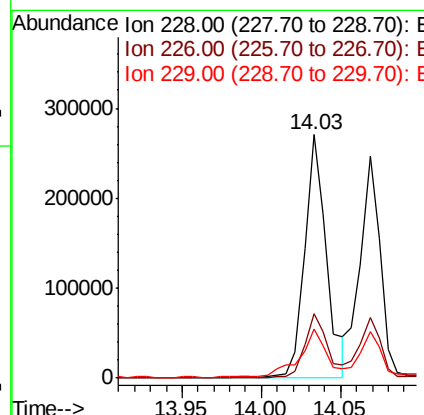
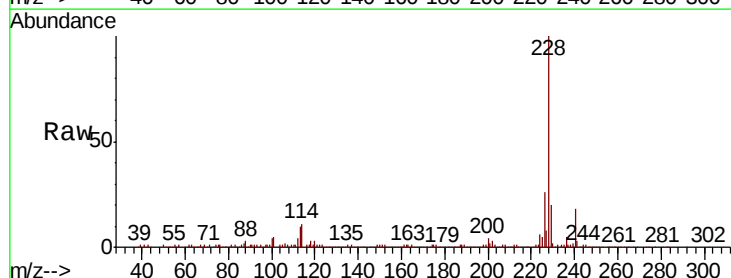
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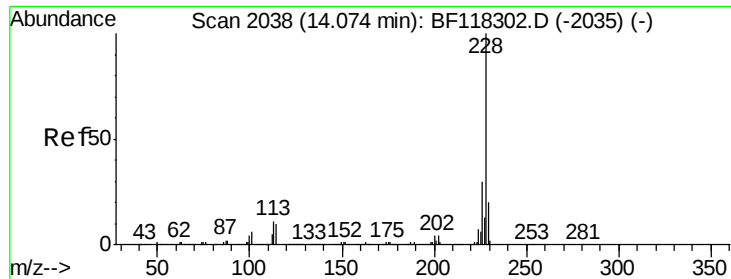
mohammad
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#81
 Benzo(a)anthracene
 Concen: 12.704 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF118440.D
 Acq: 2 Jan 2020 17:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.3	22.0	33.0
229	20.3	16.6	24.8





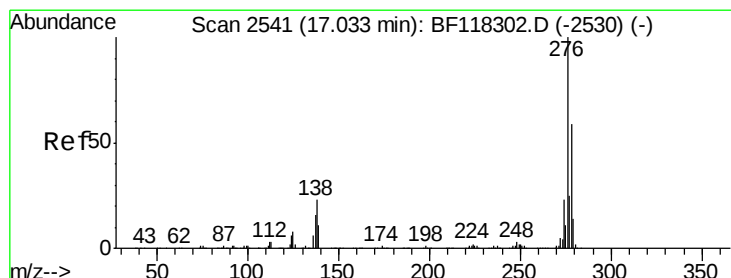
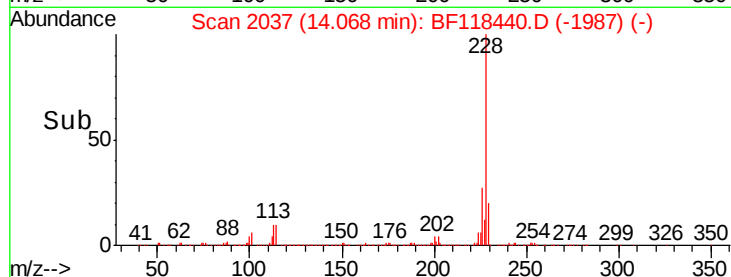
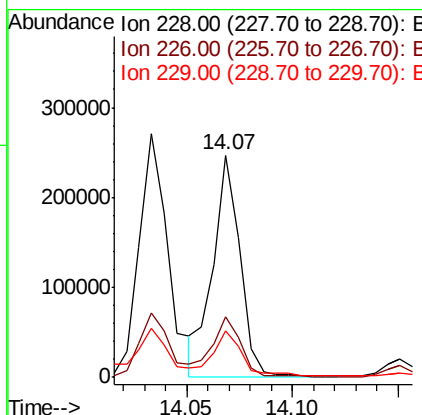
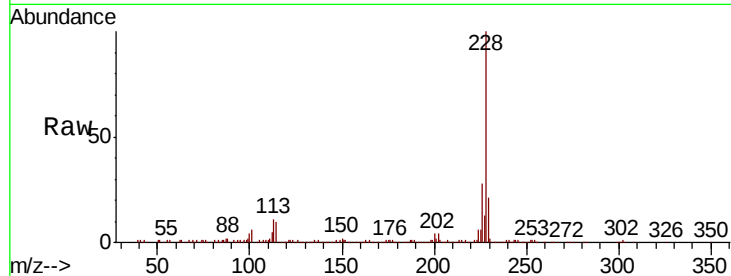
#83
Chrysene
Concen: 11.394 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF118440.D
Acq: 2 Jan 2020 17:26

Instrument :
BNA_F
ClientSampleId :
K321-WC-01DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	23.9	35.9
229	21.1	16.1	24.1

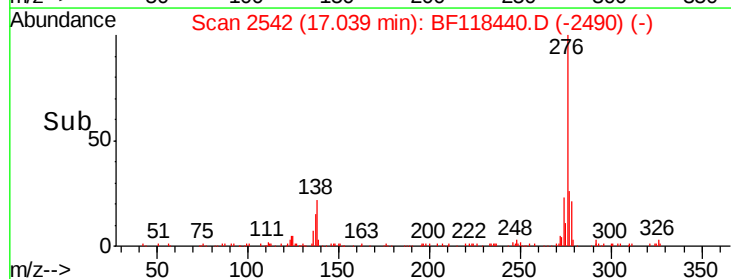
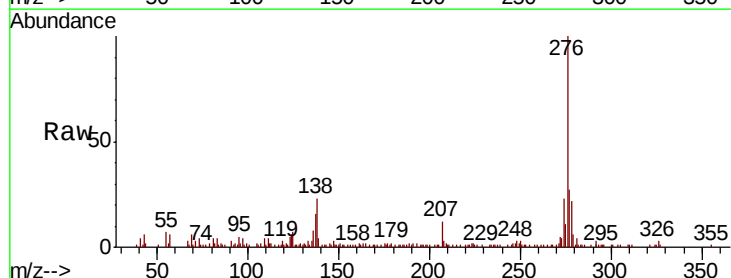
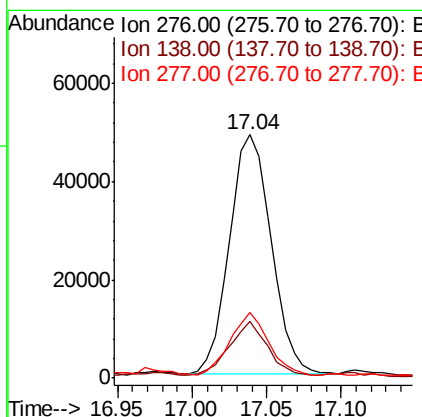
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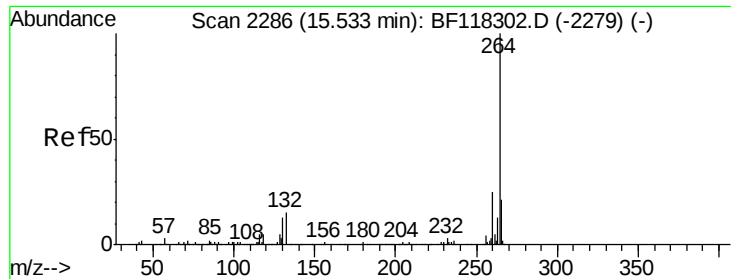
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 5.769 ng
RT: 17.04 min Scan# 2542
Delta R.T. 0.01 min
Lab File: BF118440.D
Acq: 2 Jan 2020 17:26

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.7	19.5	29.3
277	24.4	20.6	30.8





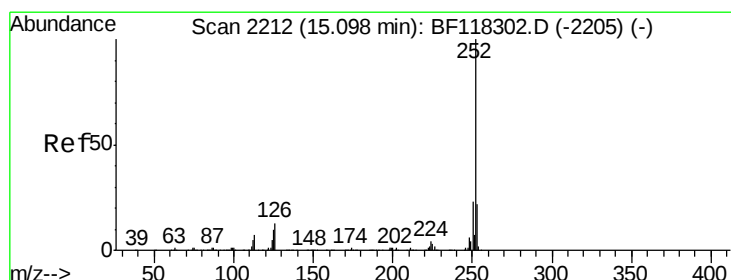
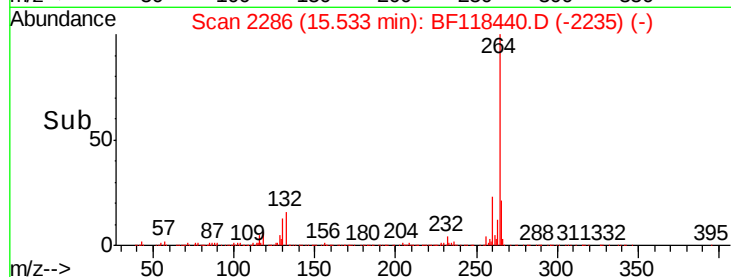
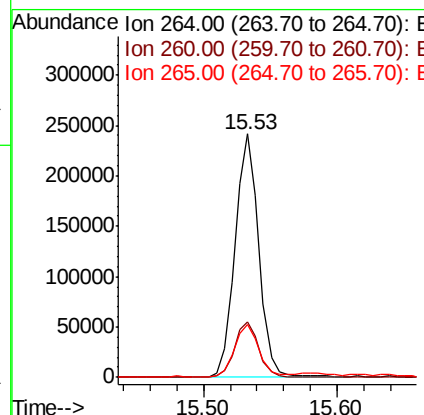
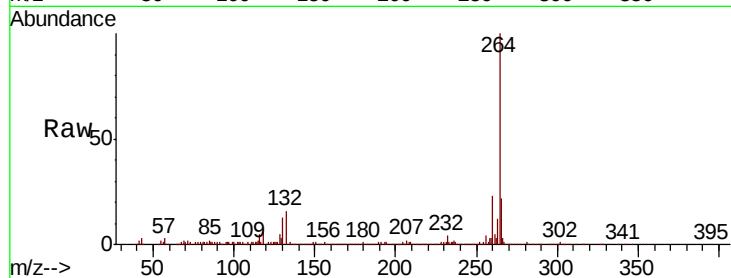
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. 0.00 min
Lab File: BF118440.D
Acq: 2 Jan 2020 17:26

Instrument :
BNA_F
ClientSampleId :
K321-WC-01DL

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.8	29.6
265	21.5	17.0	25.4

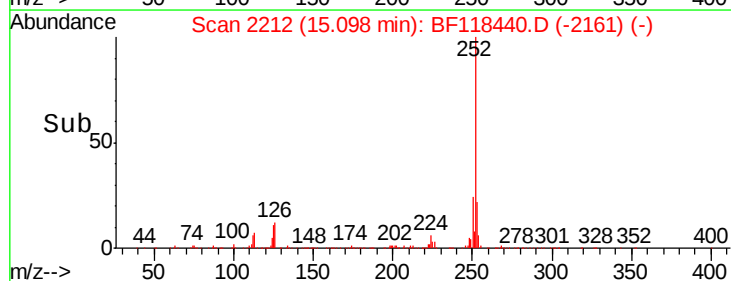
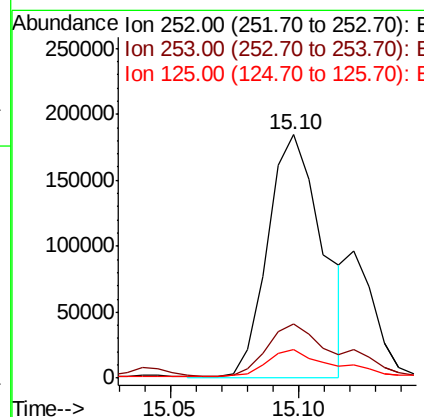
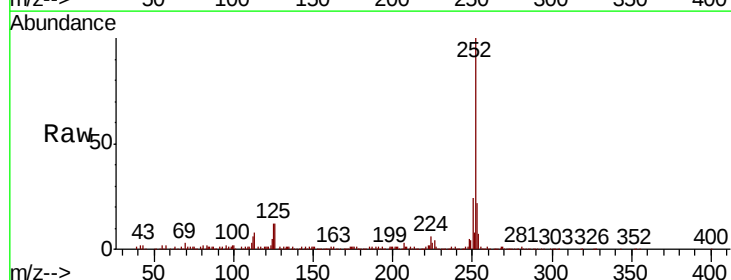
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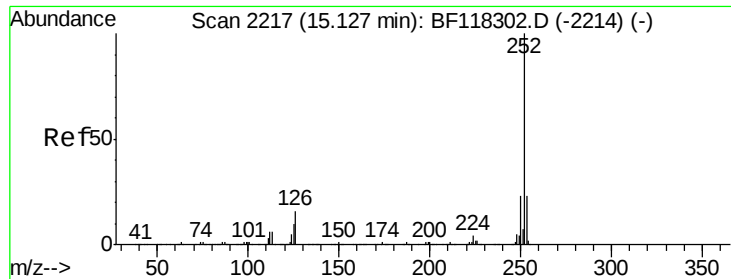
mohammad
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#88
Benzo(b)fluoranthene
Concen: 13.815 ng m
RT: 15.10 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BF118440.D
Acq: 2 Jan 2020 17:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	11.8	7.7	11.5#





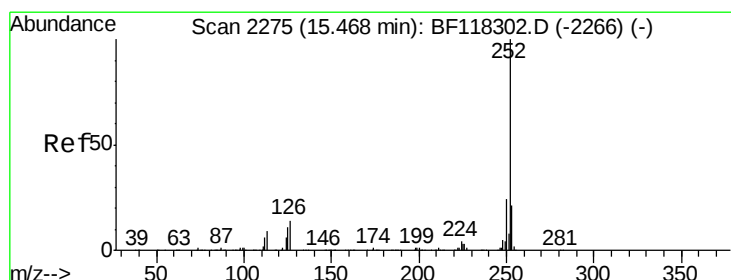
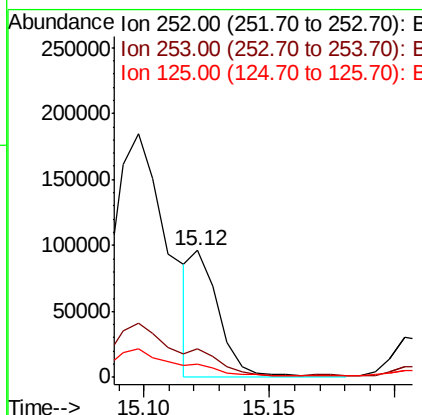
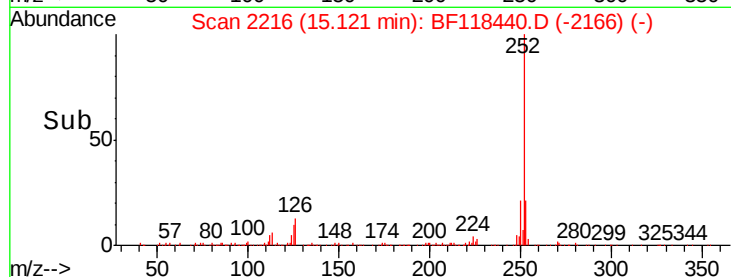
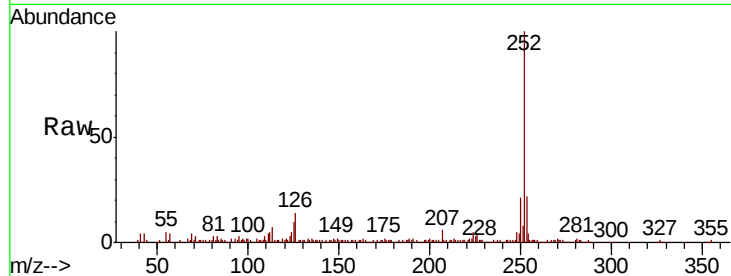
#89
Benzo(k)fluoranthene
Concen: 3.867 ng m
RT: 15.12 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF118440.D
Acq: 2 Jan 2020 17:26

Instrument :
BNA_F
ClientSampleId :
K321-WC-01DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	10.4	8.0	12.0

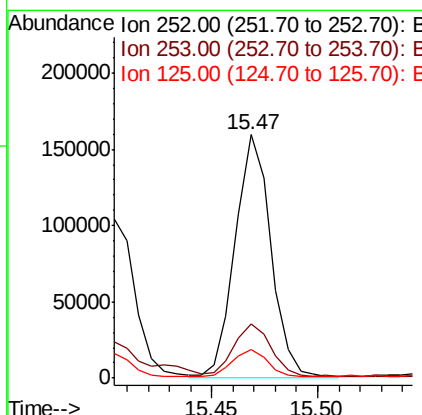
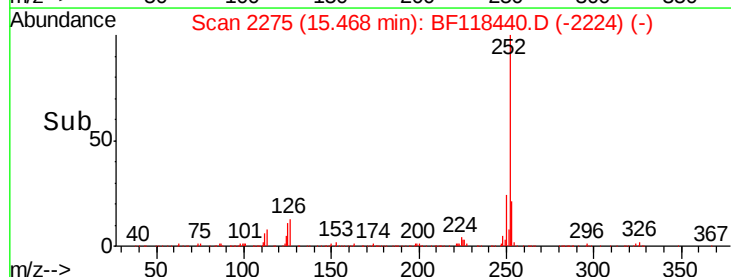
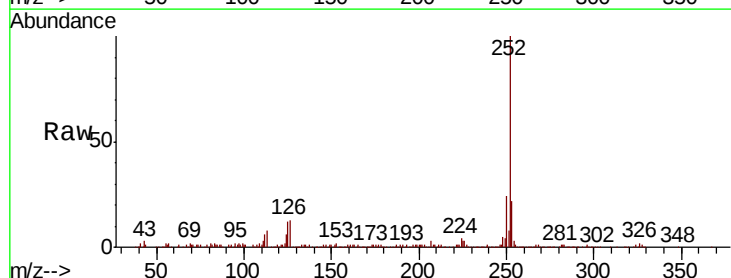
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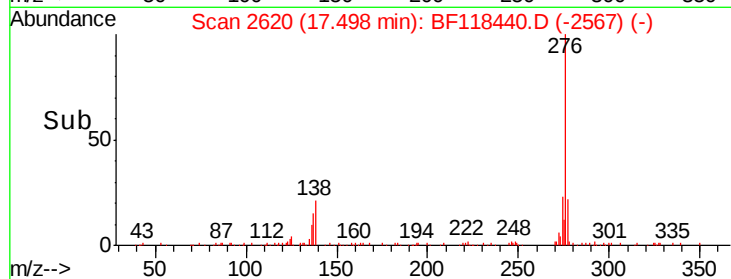
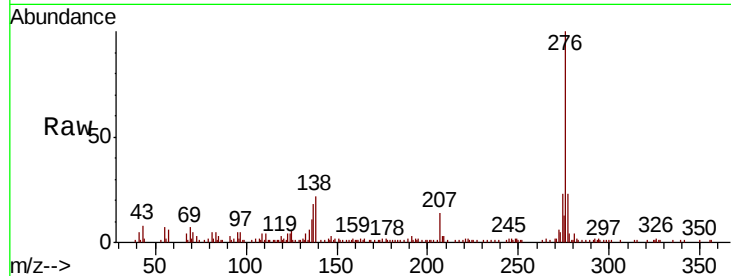
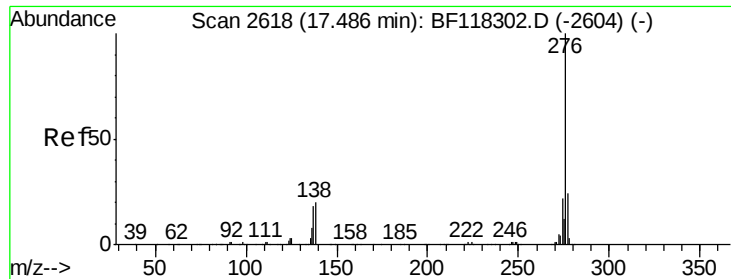
mohammad
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#90
Benzo(a)pyrene
Concen: 10.699 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.00 min
Lab File: BF118440.D
Acq: 2 Jan 2020 17:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	11.7	9.0	13.4





#92
 Benzo(a,h,i)perylene
 Concen: 6.068 ng
 RT: 17.50 min Scan# 2620
 Delta R.T. 0.01 min
 Lab File: BF118440.D
 Acq: 2 Jan 2020 17:26

Instrument :
 BNA_F
 ClientSampleId :
 K321-WC-01DL

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.1	28.7
138	22.2	16.1	24.1

Manual Integrations
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