

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092820\
 Data File : BF121719.D
 Acq On : 28 Sep 2020 18:44
 Operator : JU/CG
 Sample : L4154-01 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-1(1-2)

Manual Integrations
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mohammad
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Quant Time: Sep 29 00:54:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 11:40:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	147194	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	551636	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	269769	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	456921	20.00	ng	0.00
76) Chrysene-d12	13.96	240	347016	20.00	ng	0.00
86) Perylene-d12	15.40	264	337715	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	178847	18.06	ng	0.00
7) Phenol-d6	6.43	99	236959	18.24	ng	-0.01
23) Nitrobenzene-d5	7.36	82	151884	14.78	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	56880	16.96	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	296340	16.64	ng	0.00
79) Terphenyl-d14	12.90	244	254021	14.83	ng	0.00
Target Compounds						
71) Phenanthrene	11.35	178	62768	2.521	ng	Qvalue # 93
75) Fluoranthene	12.53	202	78965	2.971	ng	99
78) Pyrene	12.76	202	85345	3.366	ng	98
88) Benzo(b)fluoranthene	14.98	252	54924m	2.433	ng	

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

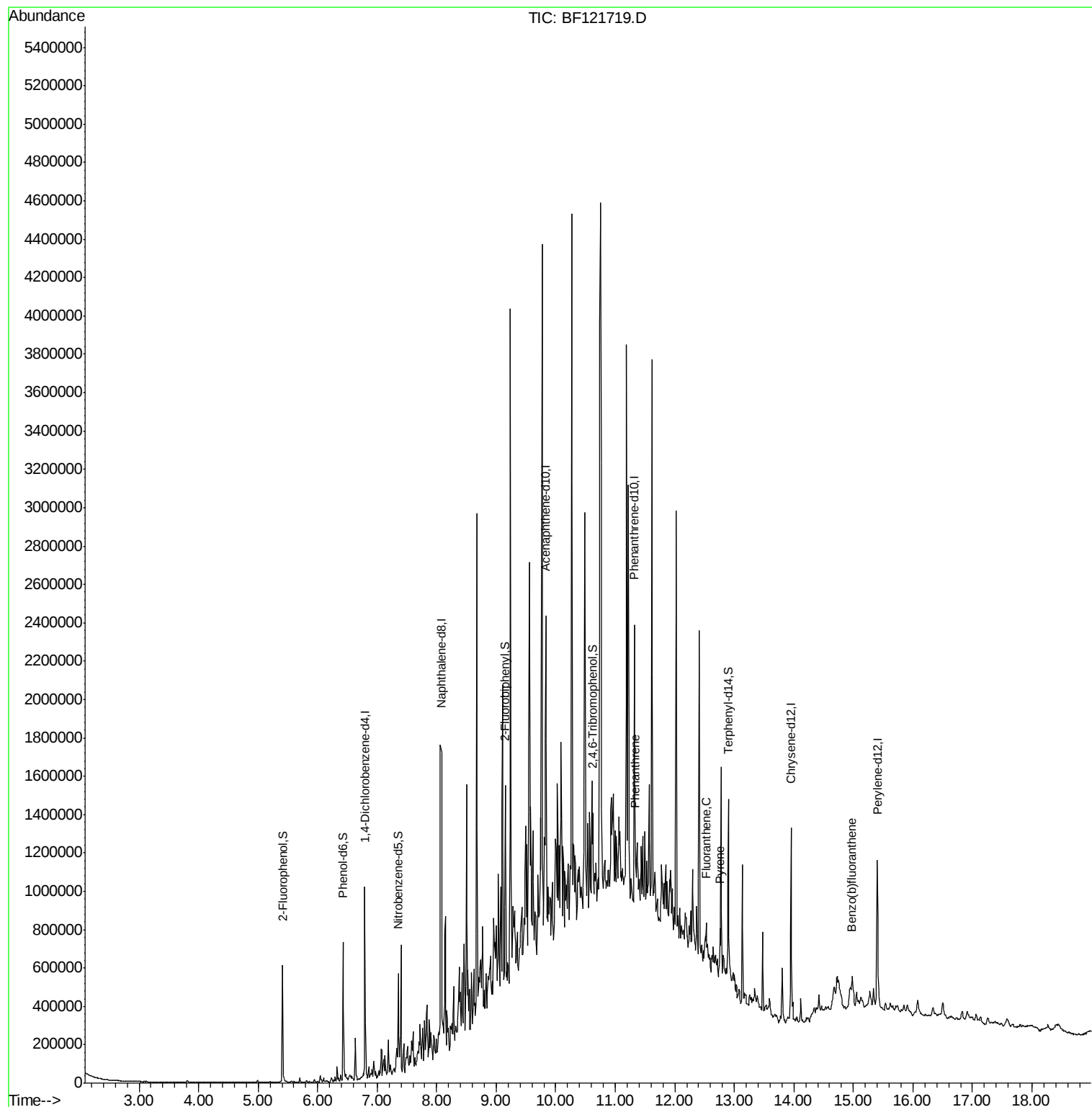
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092820\
Data File : BF121719.D
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#1

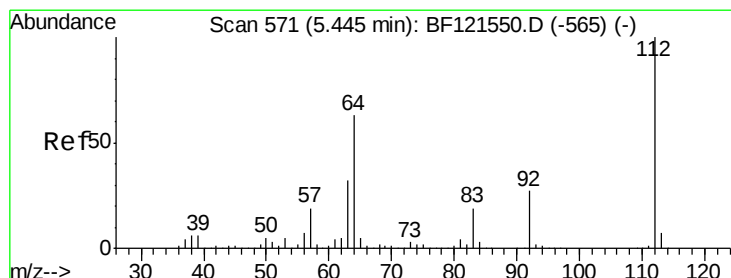
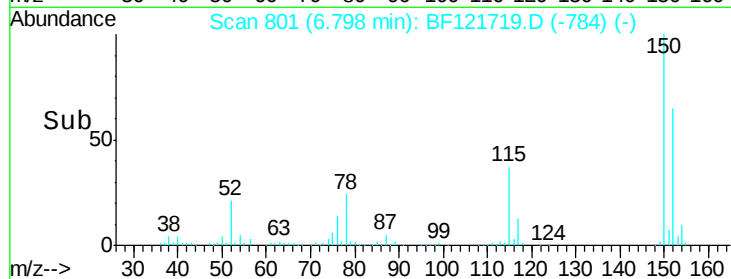
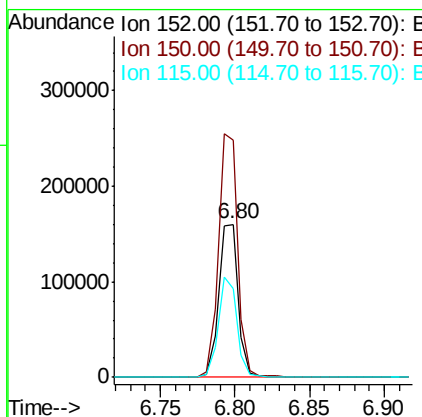
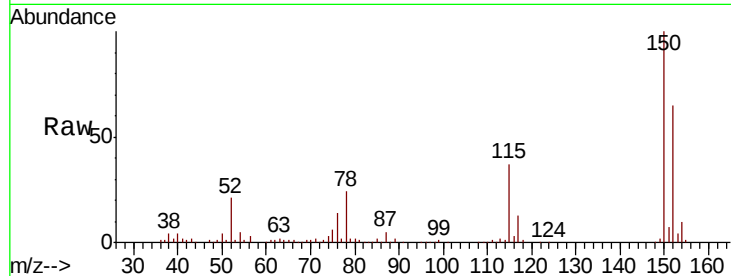
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF121719.D
Acq: 28 Sep 2020 18:44

Instrument :
BNA_F
ClientSampleId :
B-1(1-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	122.6	184.0
115	57.8	47.1	70.7

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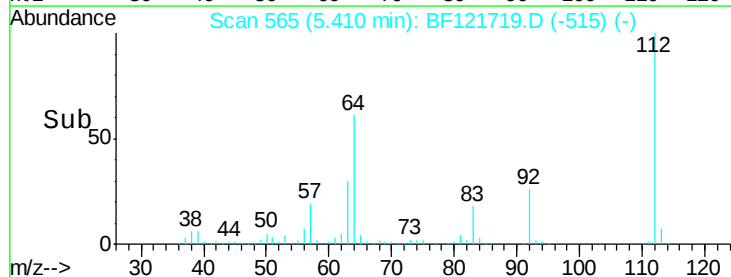
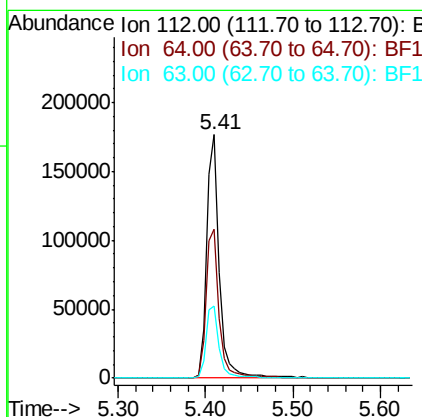
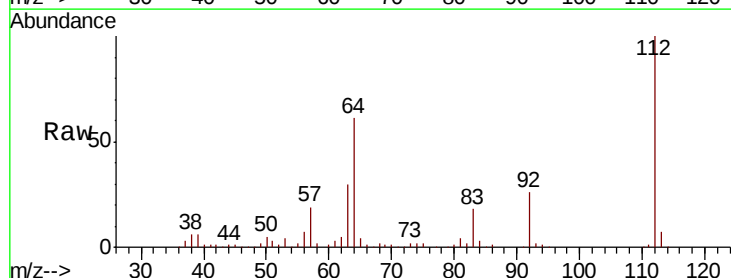
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#5

2-Fluorophenol
Concen: 18.057 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF121719.D
Acq: 28 Sep 2020 18:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.2	49.5	74.3
63	29.6	25.4	38.0





#7

Phenol-d6

Concen: 18.236 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF121719.D

Acq: 28 Sep 2020 18:44

Instrument :

BNA_F

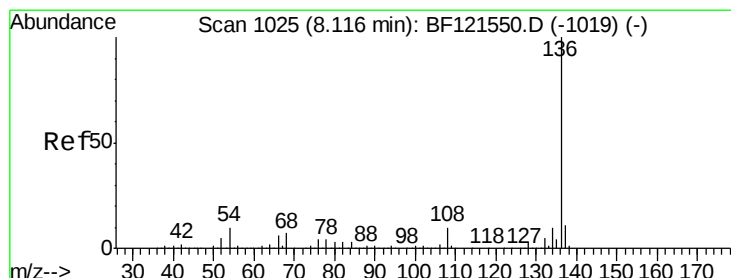
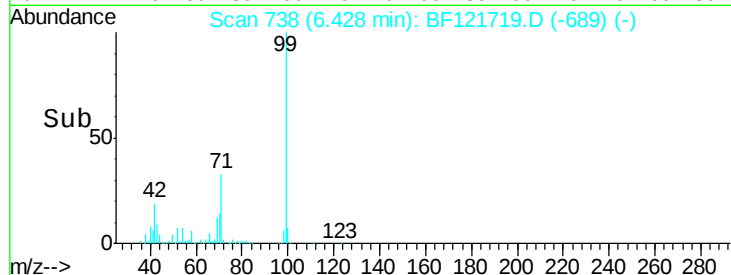
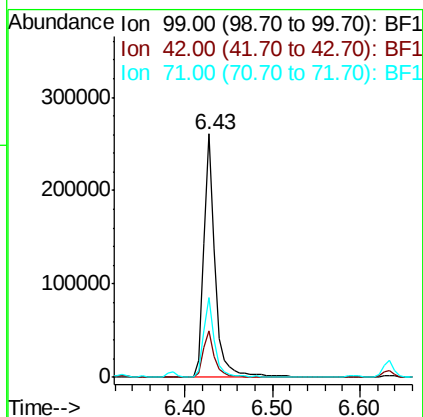
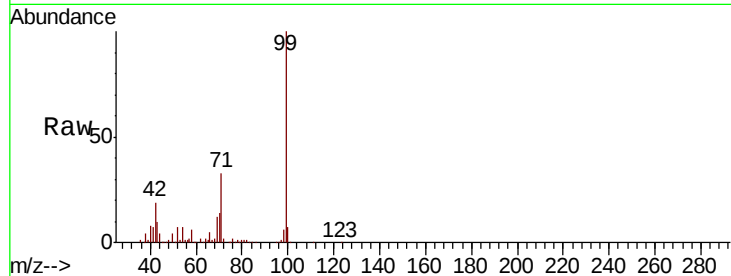
ClientSampleId :

B-1(1-2)

Tot Ion:	99	Resp:	236959
Ion Ratio	Lower	Upper	
99	100		
42	19.2	16.1	24.1
71	32.9	27.6	41.4

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#21

Naphthalene-d8

Concen: 20.000 ng

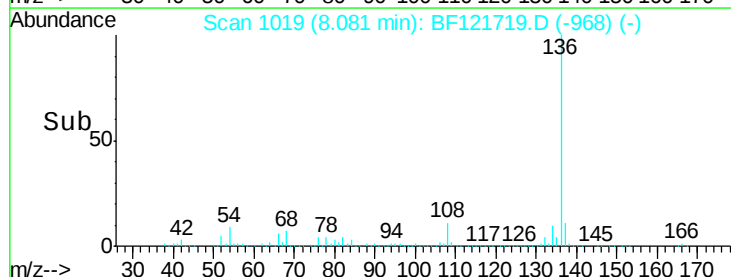
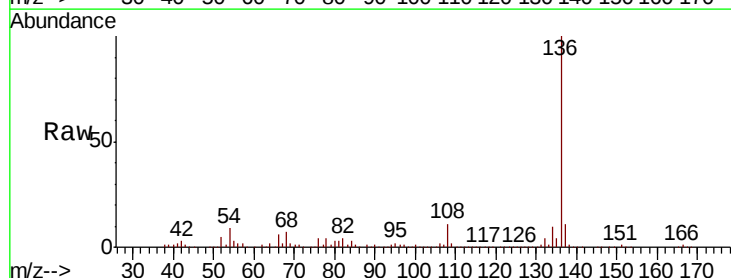
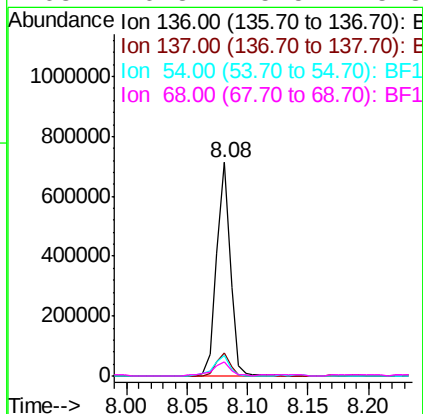
RT: 8.08 min Scan# 1019

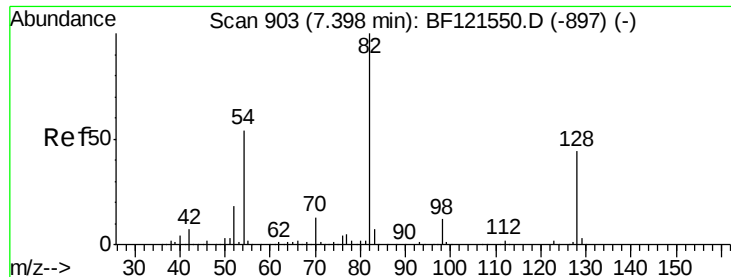
Delta R.T. 0.00 min

Lab File: BF121719.D

Acq: 28 Sep 2020 18:44

Tgt Ion:	136	Resp:	551636
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	9.5	7.5	11.3
68	6.8	5.5	8.3





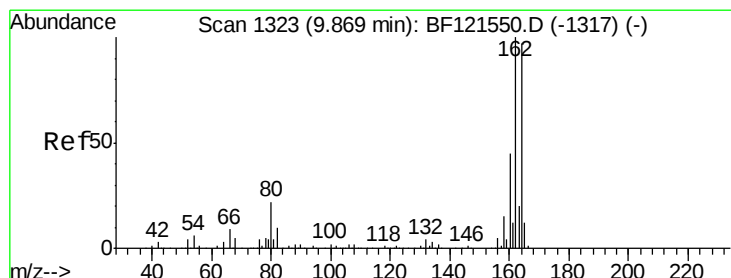
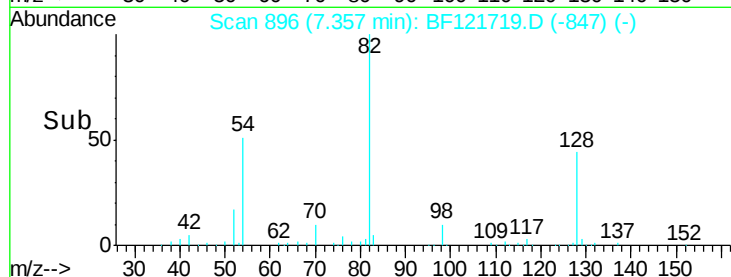
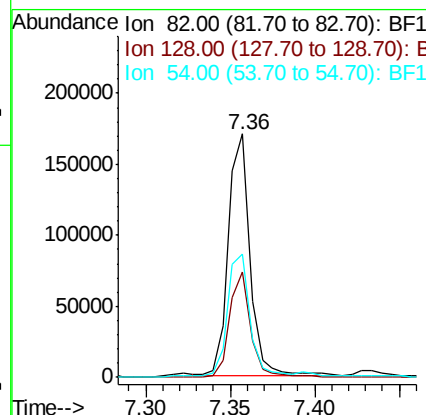
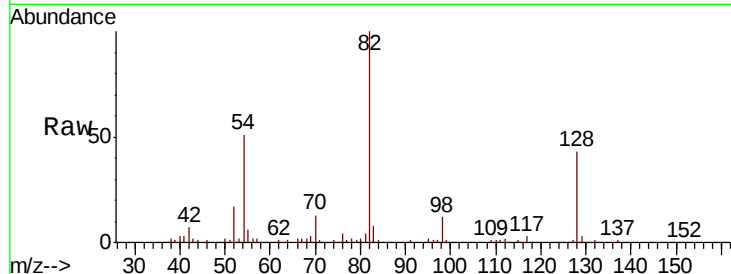
#23
Nitrobenzene-d5
Concen: 14.783 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF121719.D
Acq: 28 Sep 2020 18:44

Instrument :
BNA_F
ClientSampled :
B-1(1-2)

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.3	35.8	53.6
54	50.8	42.6	63.8

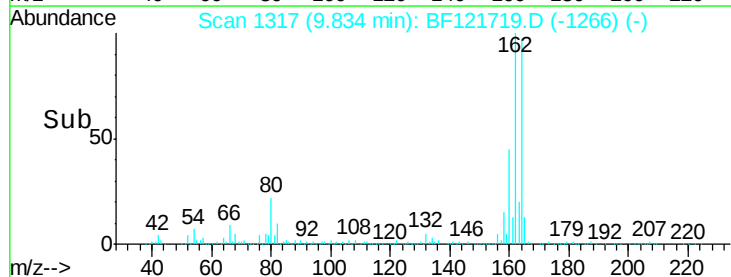
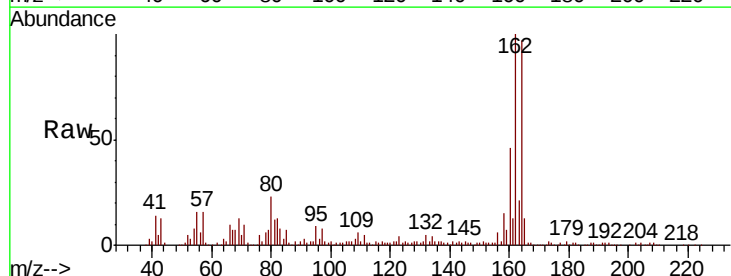
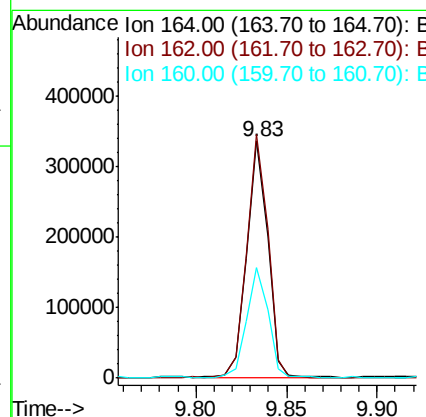
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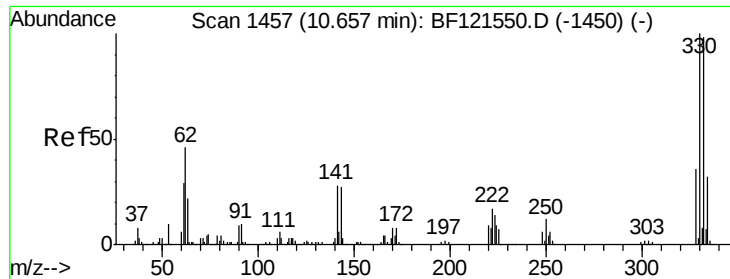
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF121719.D
Acq: 28 Sep 2020 18:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.1	123.1
160	46.9	36.8	55.2





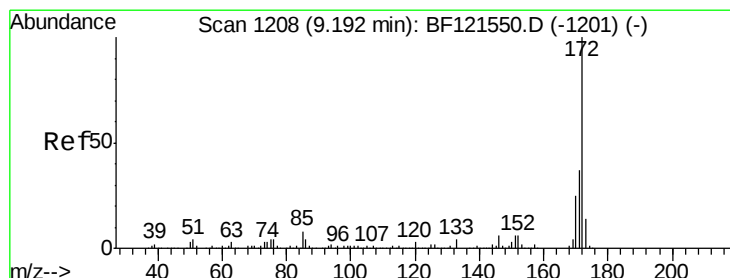
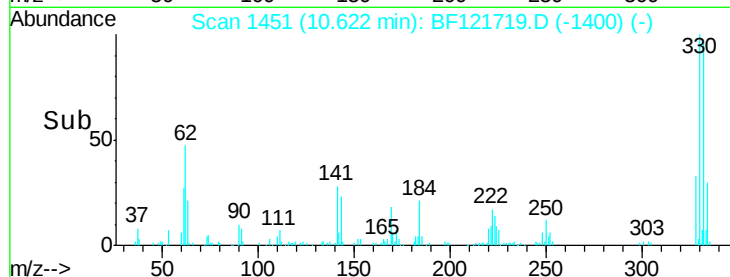
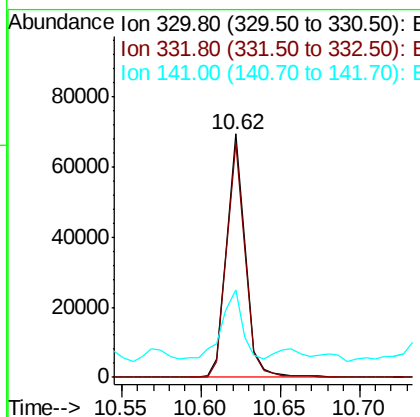
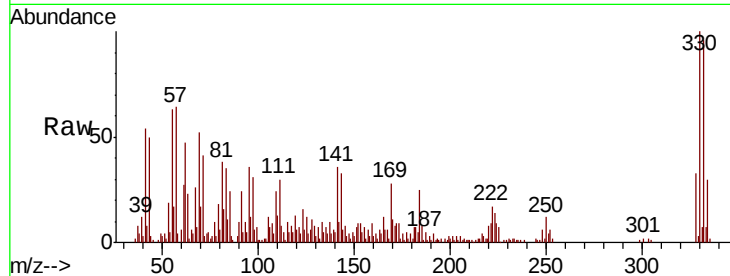
#42
 2,4,6-Tribromophenol
 Concen: 16.965 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF121719.D
 Acq: 28 Sep 2020 18:44

Instrument :
 BNA_F
 ClientSampleId :
 B-1(1-2)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	56880		
332	95.7		76.0	114.0
141	31.5		22.2	33.4

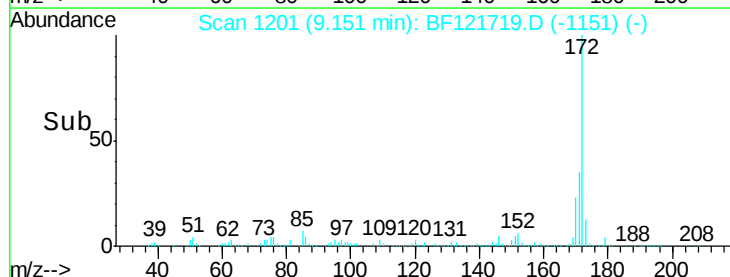
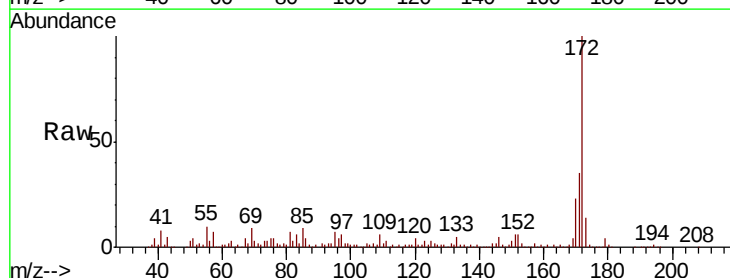
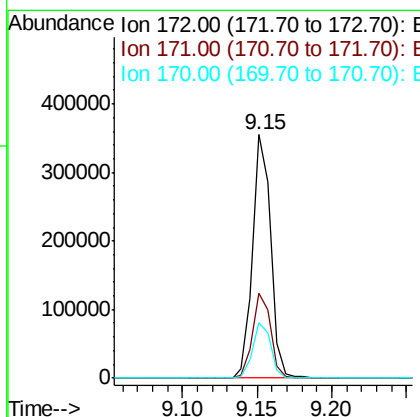
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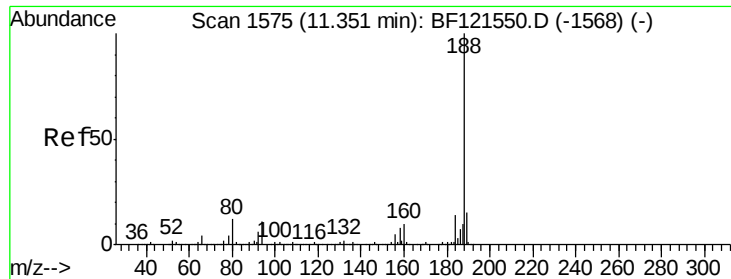
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#45
 2-Fluorobiphenyl
 Concen: 16.637 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF121719.D
 Acq: 28 Sep 2020 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	296340		
171	34.6		29.0	43.6
170	23.0		19.5	29.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. 0.01 min

Lab File: BF121719.D

Acq: 28 Sep 2020 18:44

Instrument :

BNA_F

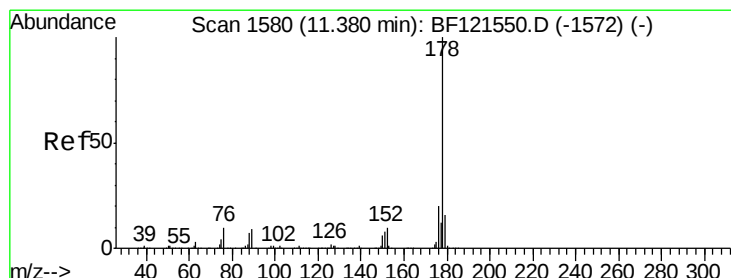
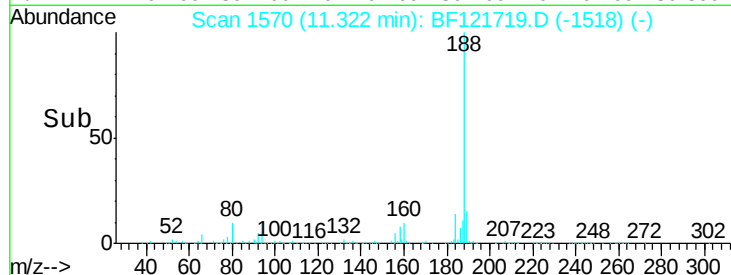
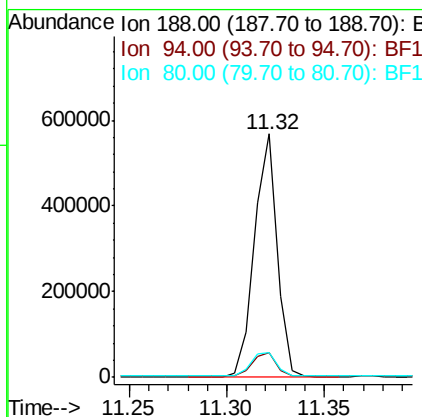
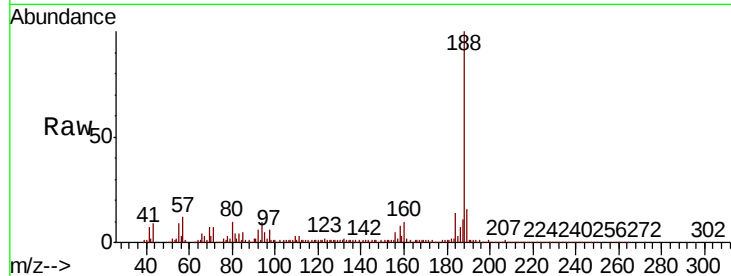
ClientSampleId :

B-1(1-2)

Tot Ion:	188	Resp:	456921
Ion Ratio	Lower	Upper	
188	100		
94	9.9	8.4	12.6
80	10.4	9.3	13.9

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#71

Phenanthrene

Concen: 2.521 ng

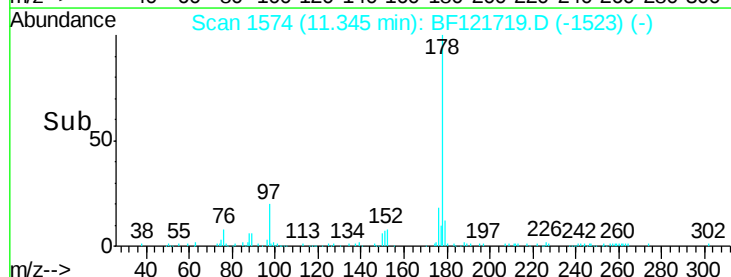
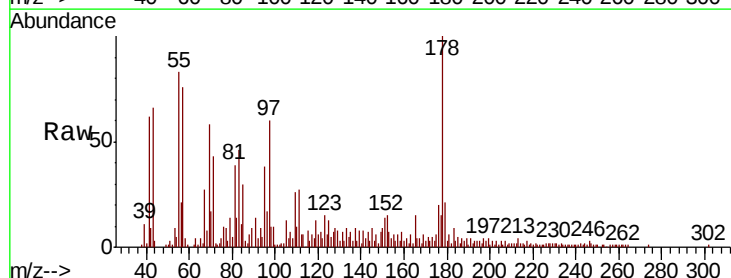
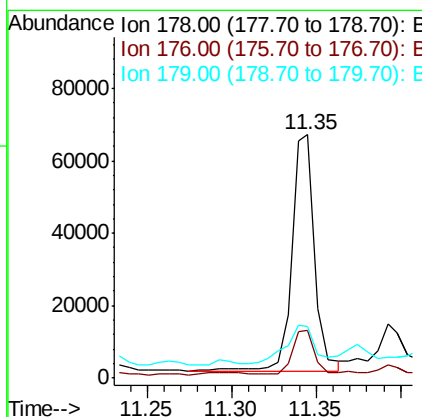
RT: 11.35 min Scan# 1574

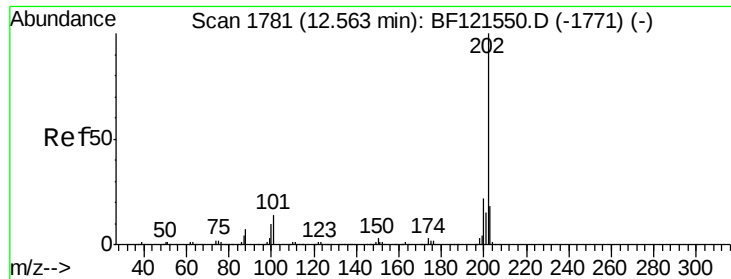
Delta R.T. 0.00 min

Lab File: BF121719.D

Acq: 28 Sep 2020 18:44

Tgt Ion:	178	Resp:	62768
Ion Ratio	Lower	Upper	
178	100		
176	19.6	16.2	24.4
179	21.4	12.5	18.7#





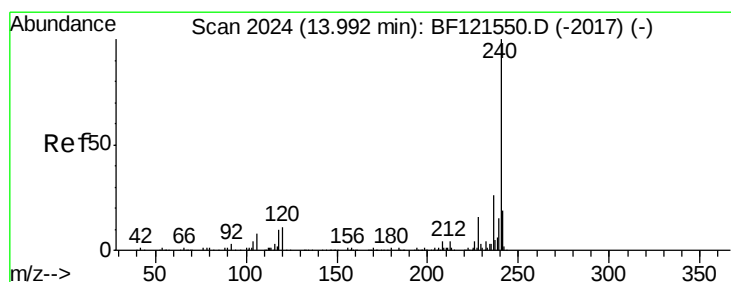
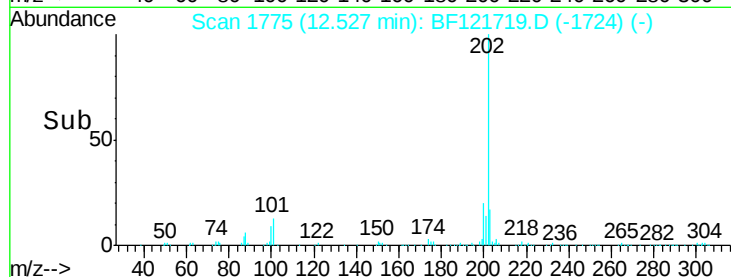
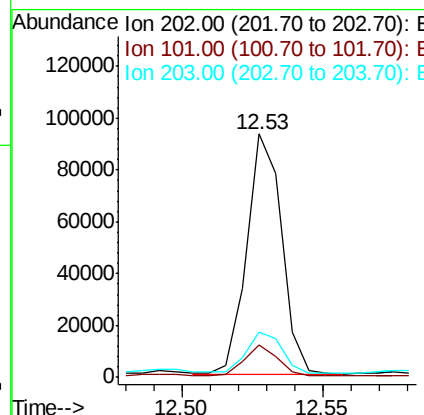
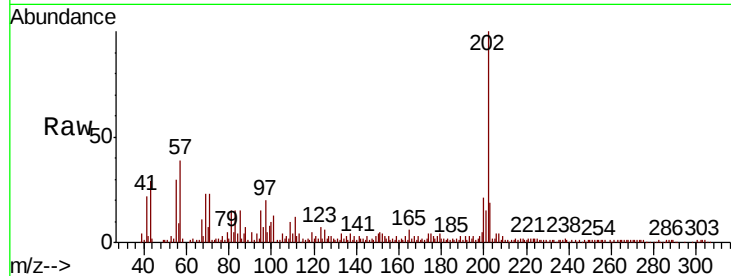
#75
Fluoranthene
Concen: 2.971 ng
RT: 12.53 min Scan# 1775
Delta R.T. 0.00 min
Lab File: BF121719.D
Acq: 28 Sep 2020 18:44

Instrument :
BNA_F
ClientSampleId :
B-1(1-2)

Tot Ion	Ratio	Resp	Lower	Upper
202	100	78965		
101	13.2	0.0	33.7	
203	18.5	0.0	38.5	

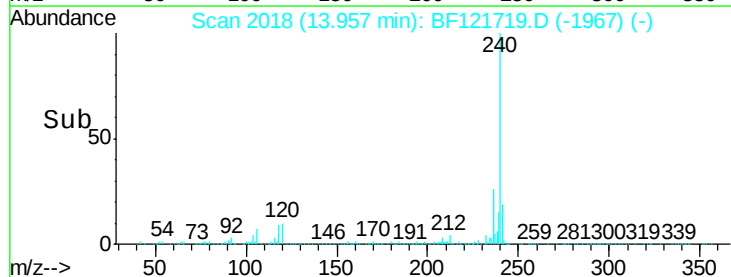
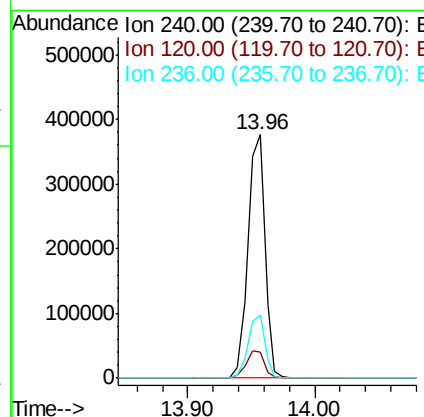
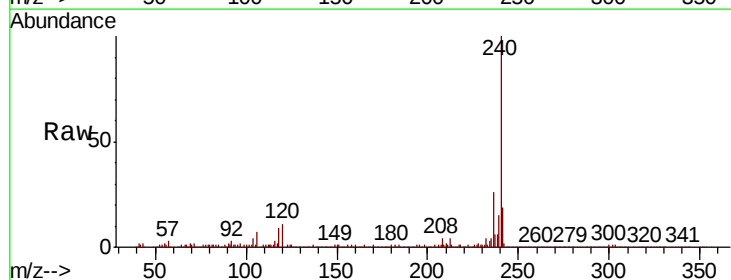
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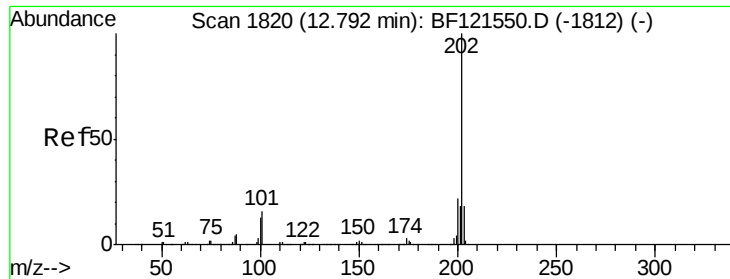
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF121719.D
Acq: 28 Sep 2020 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	347016		
120	10.6	9.1	13.7	
236	25.9	20.6	30.8	





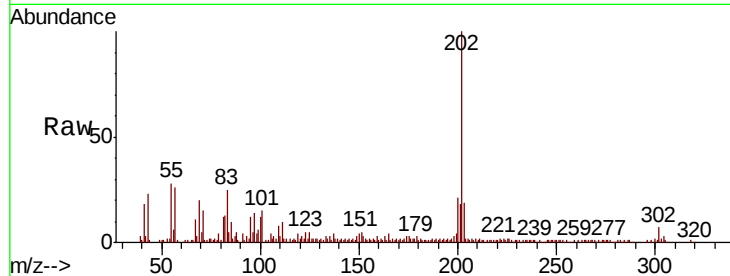
#78
Pvrene
Concen: 3.366 ng
RT: 12.76 min Scan# 1814
Delta R.T. 0.00 min
Lab File: BF121719.D
Acq: 28 Sep 2020 18:44

Instrument :
BNA_F
ClientSampled :
B-1(1-2)

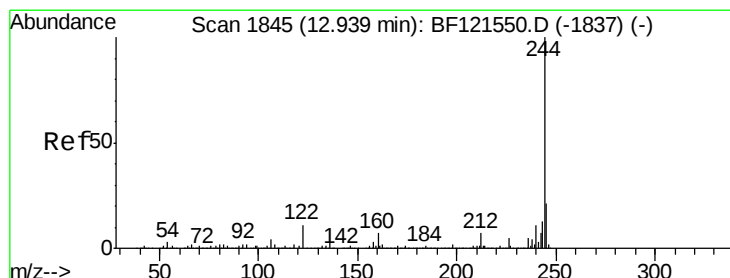
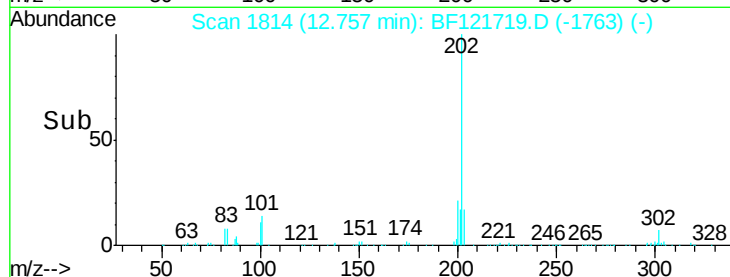
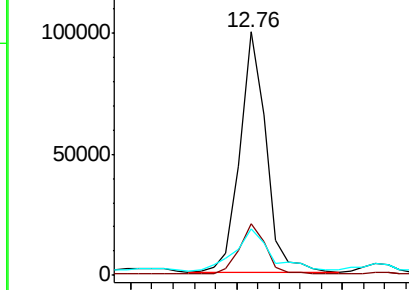
Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.4	17.8	26.8	
203	19.3	14.3	21.5	

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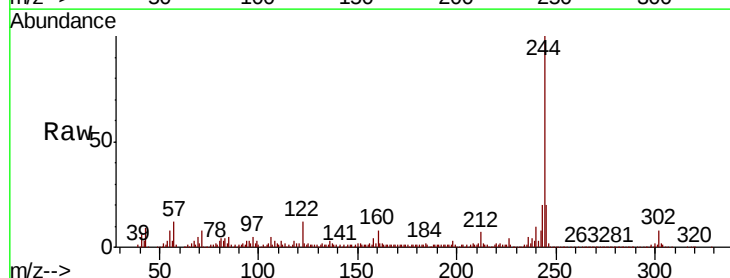


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

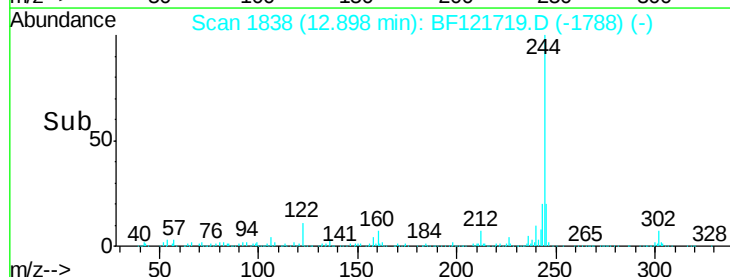
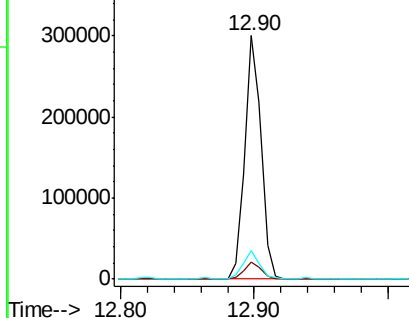


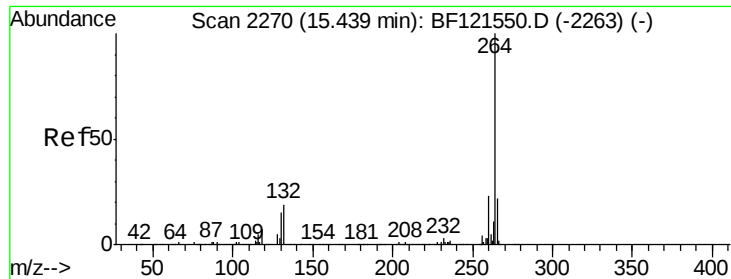
#79
Terphenyl-d14
Concen: 14.830 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BF121719.D
Acq: 28 Sep 2020 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.8	5.6	8.4	
122	11.9	8.0	12.0	



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





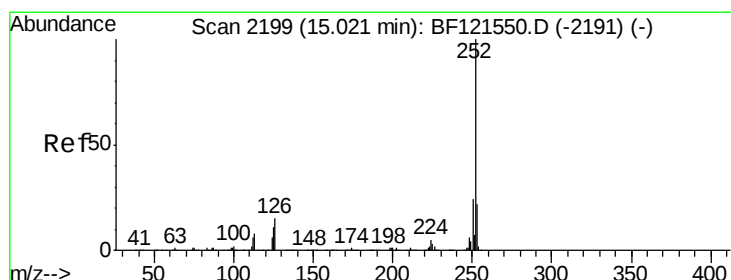
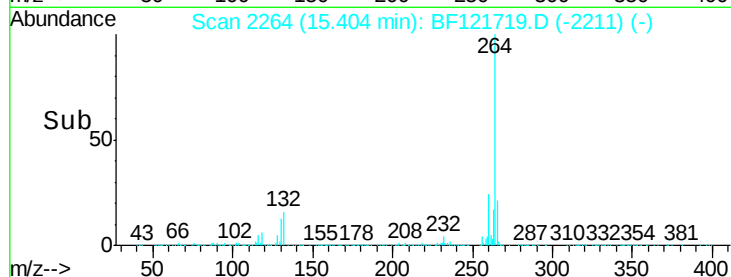
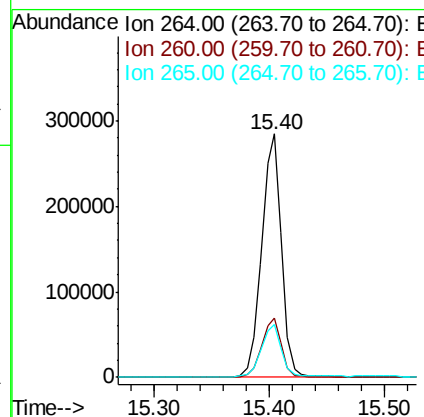
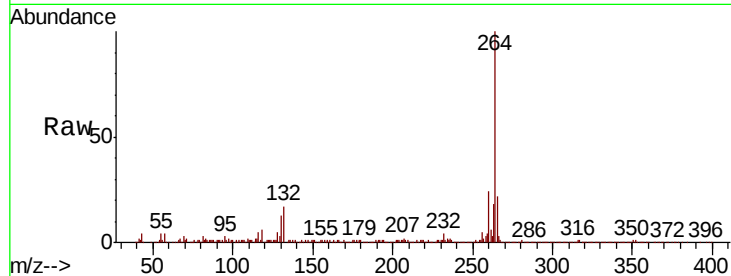
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BF121719.D
Acq: 28 Sep 2020 18:44

Instrument :
BNA_F
ClientSampleId :
B-1(1-2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.4	27.6
265	21.7	17.2	25.8

Manual Integrations
APPROVED

mohammad
9/29/2020 3:24:58 PM



#88
Benzo(b)fluoranthene
Concen: 2.433 ng m
RT: 14.98 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BF121719.D
Acq: 28 Sep 2020 18:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.6
125	17.3	8.6	13.0#

