

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020720\
 Data File : BF118849.D
 Acq On : 7 Feb 2020 14:36
 Operator : CG/JU
 Sample : L1433-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 349

Manual Integrations
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mohammad
 2/11/2020 8:26:31 AM

Quant Time: Feb 08 04:00:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	239620	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	917049	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	531730	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	1048214	20.00	ng	0.00
76) Chrysene-d12	13.97	240	902959	20.00	ng	-0.01
87) Perylene-d12	15.42	264	872910	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1105630	87.34	ng	0.00
7) Phenol-d6	6.45	99	1314534	83.65	ng	0.00
23) Nitrobenzene-d5	7.37	82	854637	55.55	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	536630	84.35	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	1762084	59.24	ng	-0.01
79) Terphenyl-d14	12.92	244	2355391	53.58	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.36	178	257994	5.002	ng	95
75) Fluoranthene	12.55	202	451574	8.020	ng	97
78) Pyrene	12.77	202	448187	7.235	ng	98
81) Benzo(a)anthracene	13.96	228	178341	3.319	ng	96
83) Chrysene	13.99	228	206330	3.826	ng	97
86) Indeno(1,2,3-cd)pyrene	16.84	276	119607	2.207	ng	96
88) Benzo(b)fluoranthene	15.00	252	239065m	4.414	ng	
90) Benzo(a)pyrene	15.35	252	156328	3.372	ng	100
92) Benzo(g,h,i)perylene	17.27	276	119843	3.028	ng	96

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

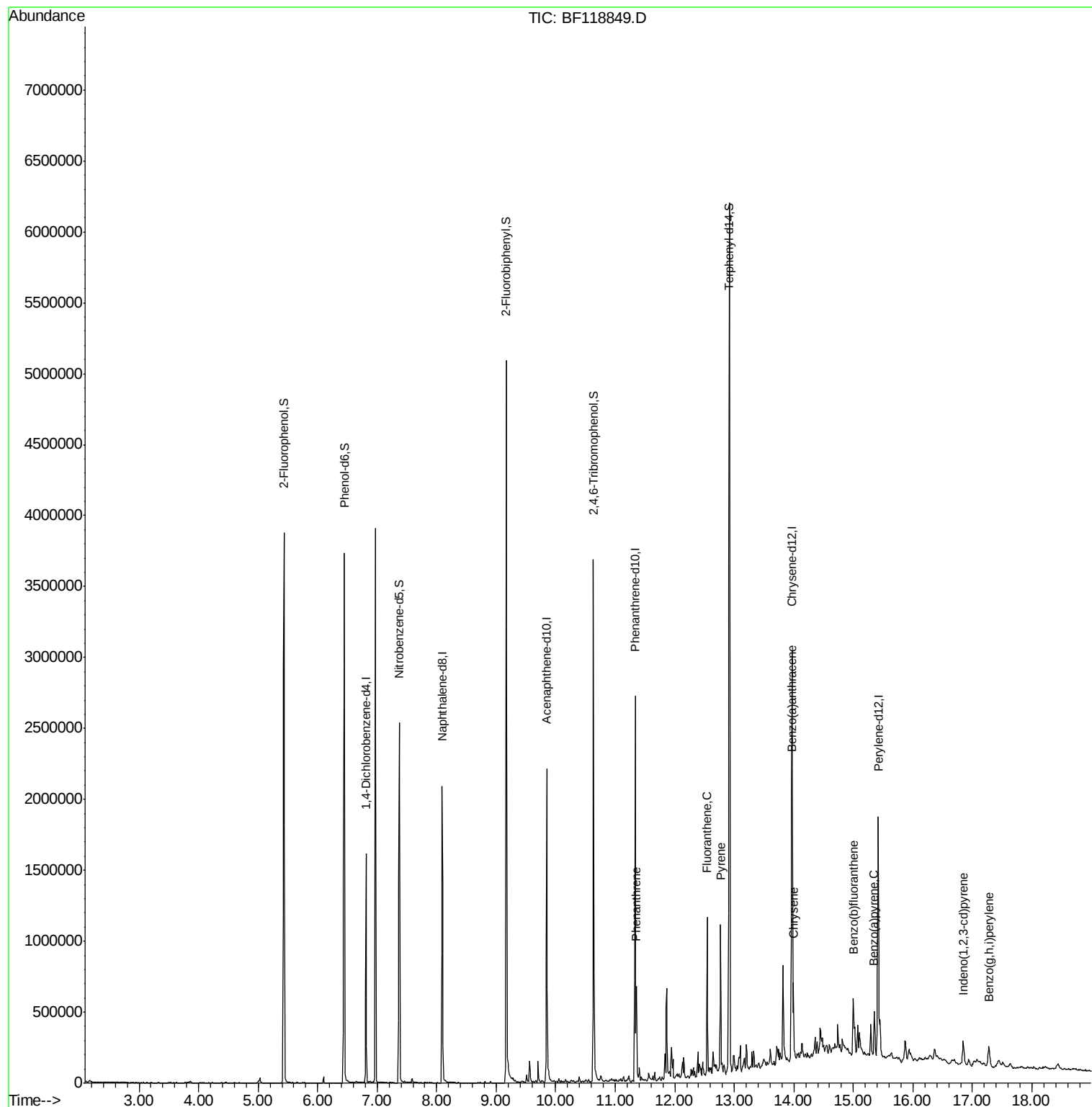
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020720\
Data File : BF118849.D
Acq On : 7 Feb 2020 14:36
Operator : CG/JU
Sample : L1433-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

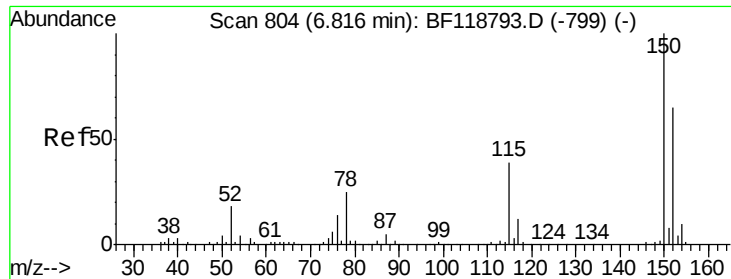
Instrument :
BNA_F
ClientSampleId :
349

Manual Integrations
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2/11/2020 8:26:31 AM

Quant Time: Feb 08 04:00:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration





#1

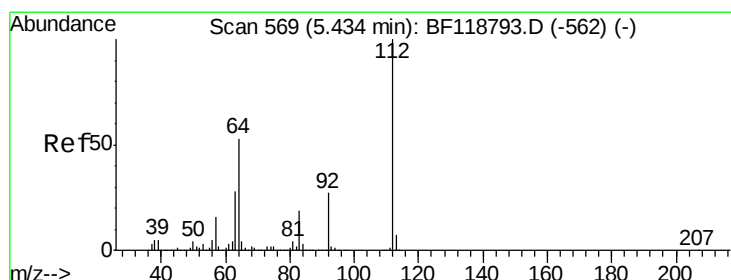
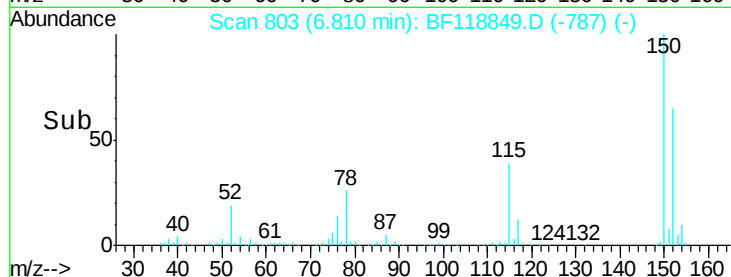
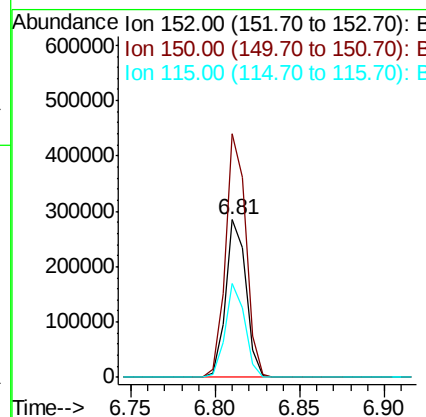
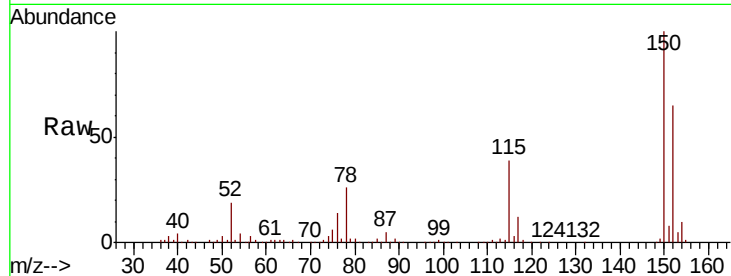
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF118849.D
Acq: 7 Feb 2020 14:36

Instrument :
BNA_F
ClientSampled :
349

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	123.6	185.4
115	59.6	48.2	72.2

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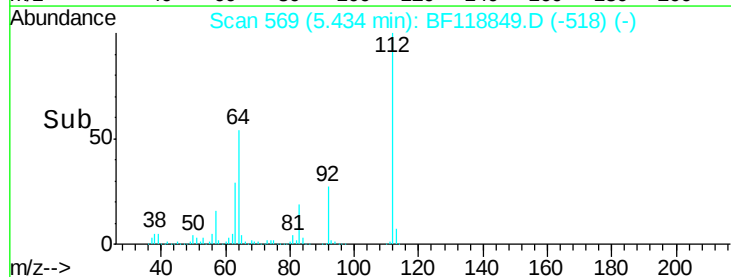
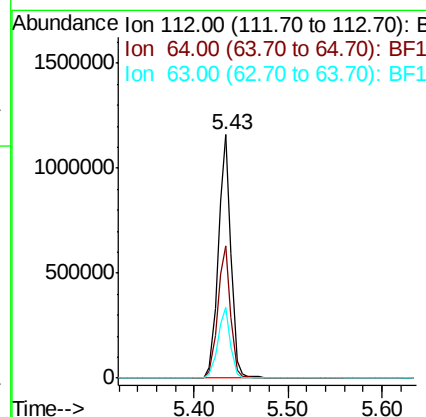
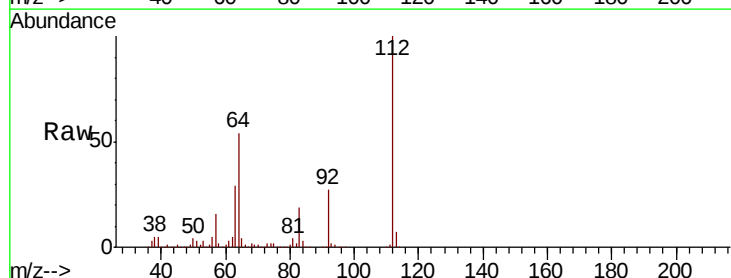
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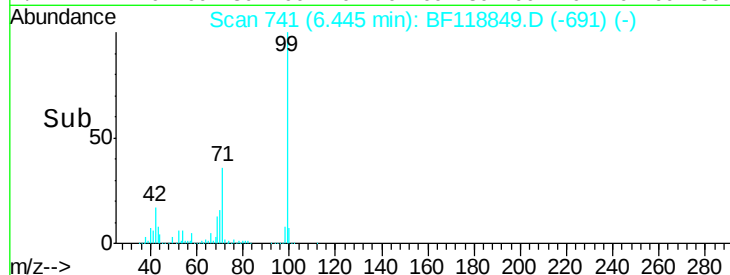
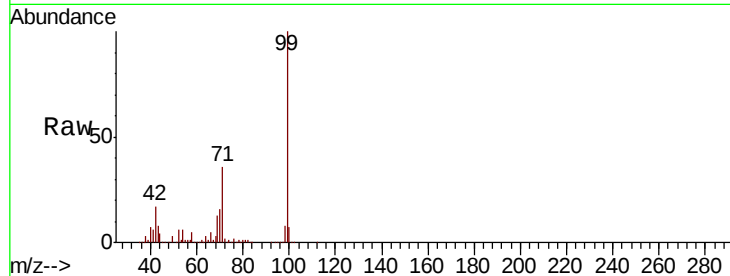
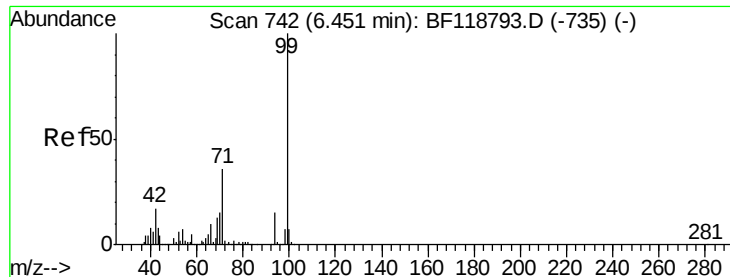


#5

2-Fluorophenol
Concen: 87.342 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF118849.D
Acq: 7 Feb 2020 14:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.4	42.6	63.8
63	28.9	22.2	33.4





#7

Phenol-d6

Concen: 83.654 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF118849.D

Acq: 7 Feb 2020 14:36

Tot Ion:	99	Resp:	1314534
Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.4	20.0
71	35.8	29.0	43.6

Instrument :

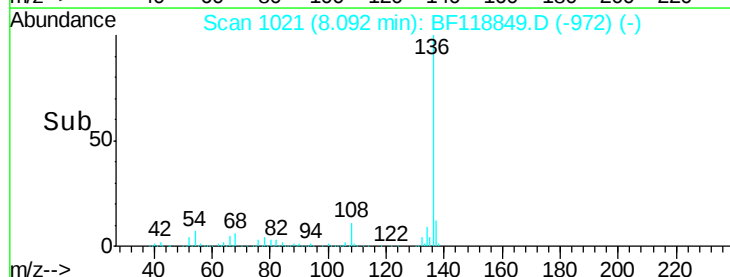
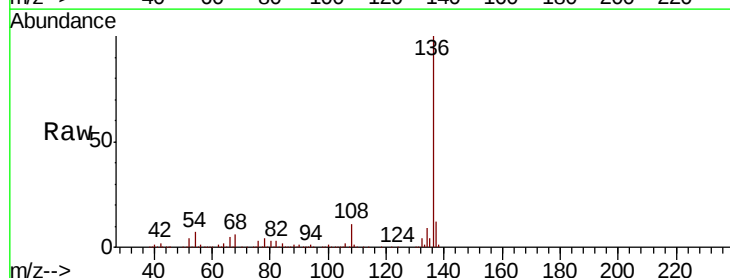
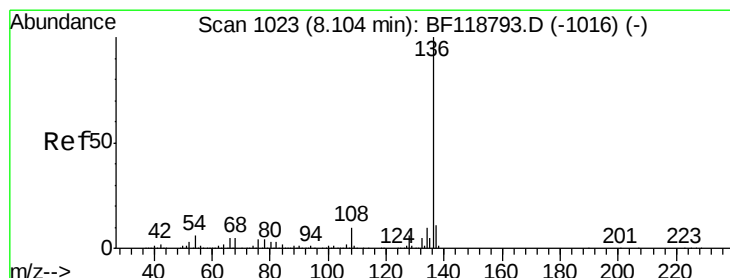
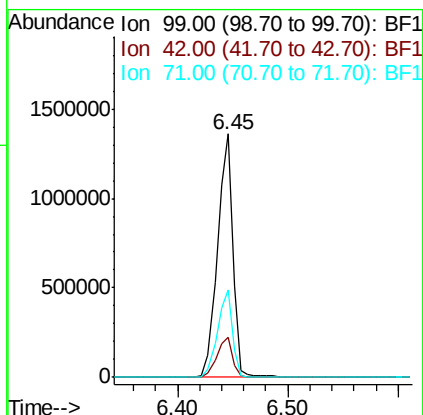
BNA_F

ClientSampleId :

349

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#21

Naphthalene-d8

Concen: 20.000 ng

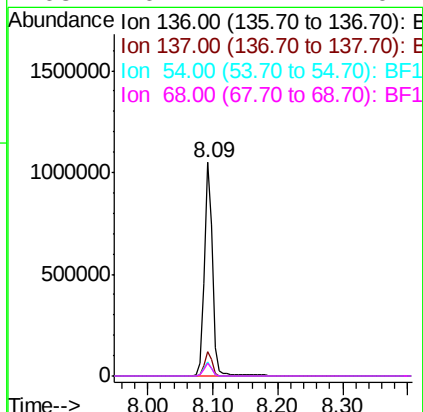
RT: 8.09 min Scan# 1021

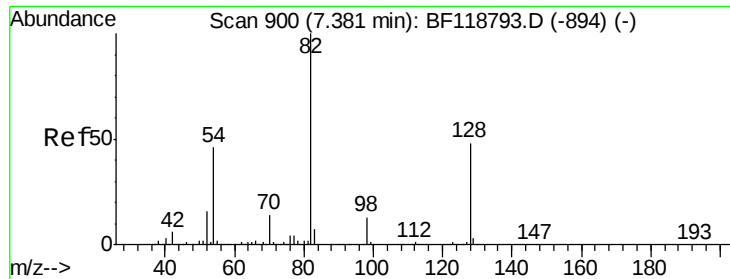
Delta R.T. -0.01 min

Lab File: BF118849.D

Acq: 7 Feb 2020 14:36

Tgt Ion:	136	Resp:	917049
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.7	13.1
54	6.7	5.0	7.6
68	6.1	4.2	6.4





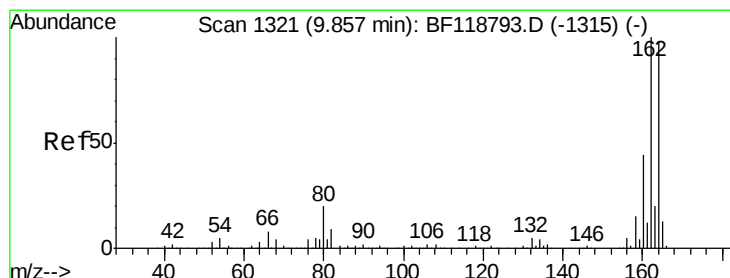
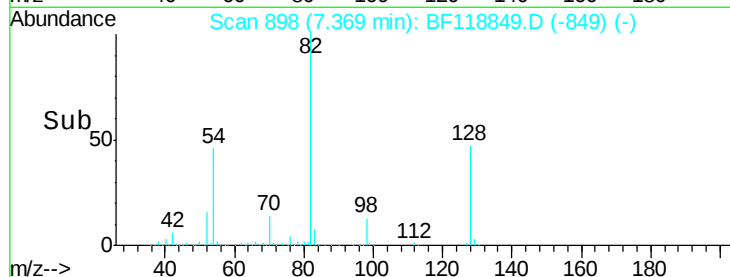
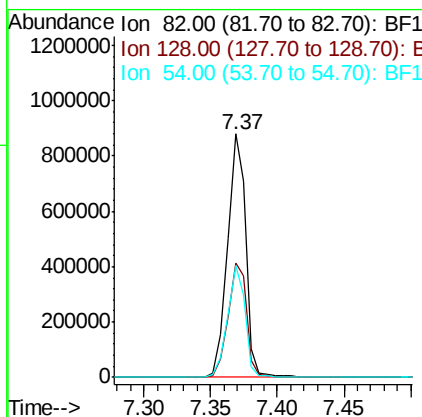
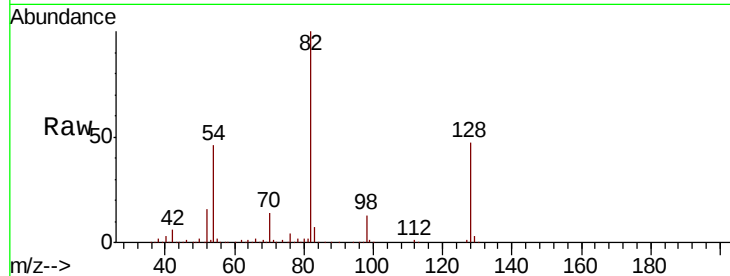
#23
Nitrobenzene-d5
Concen: 55.548 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF118849.D
Acq: 7 Feb 2020 14:36

Instrument :
BNA_F
ClientSampled :
349

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.1	38.5	57.7
54	45.7	36.7	55.1

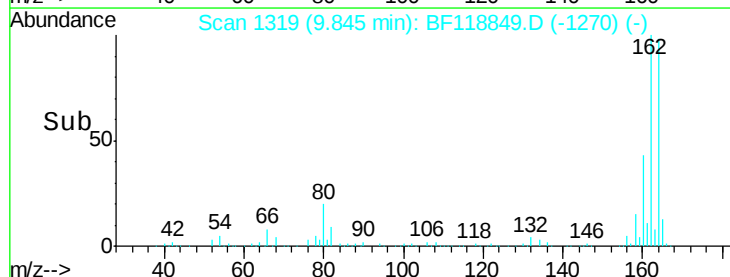
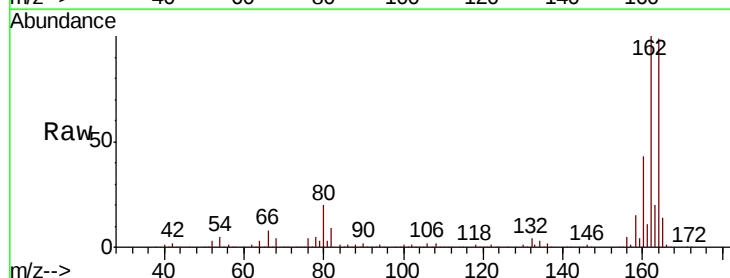
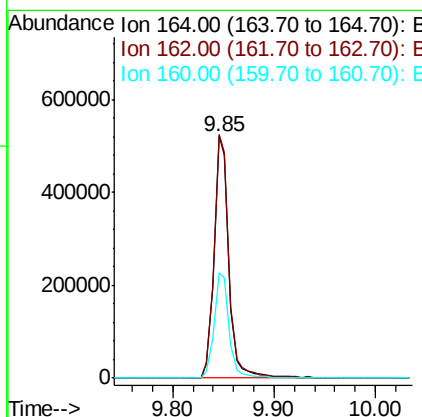
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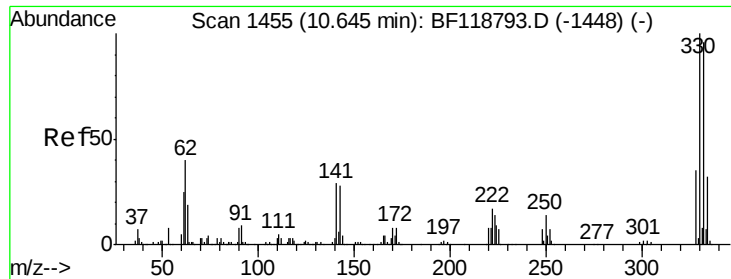
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF118849.D
Acq: 7 Feb 2020 14:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.4	122.2
160	43.8	35.6	53.4





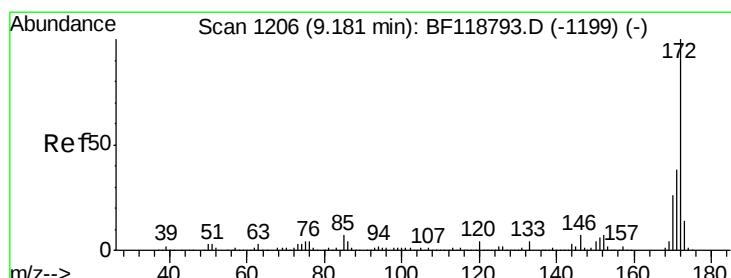
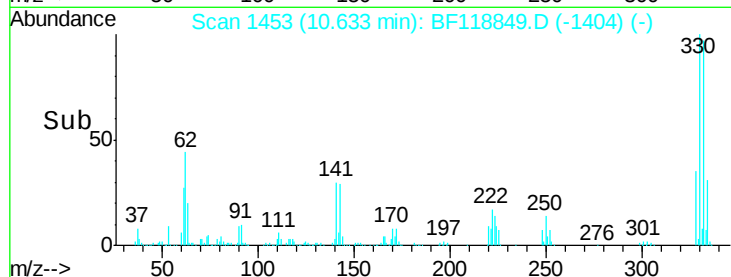
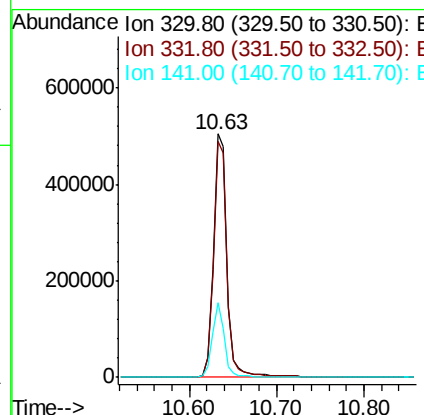
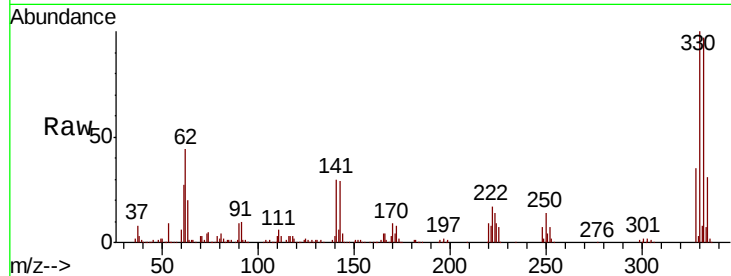
#42
 2,4,6-Tribromophenol
 Concen: 84.345 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF118849.D
 Acq: 7 Feb 2020 14:36

Instrument :
 BNA_F
 ClientSampleId :
 349

Tot Ion	Ratio	Resp	Lower	Upper
330	100	536630		
332	96.9		77.3	115.9
141	28.1		22.4	33.6

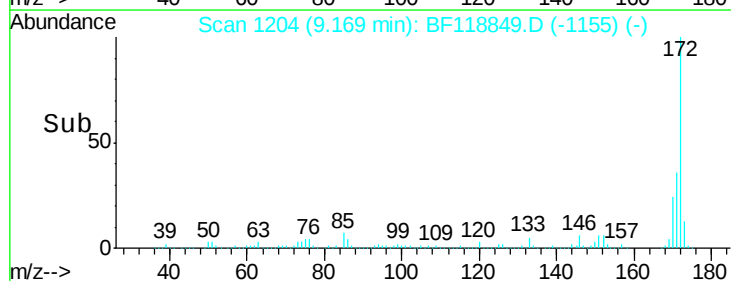
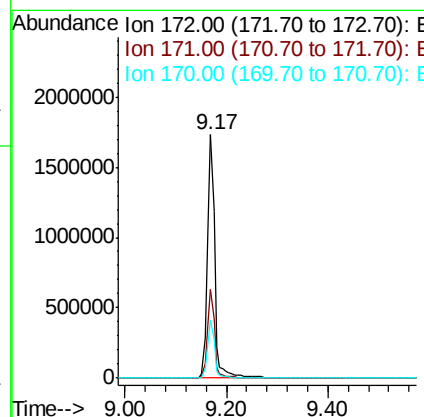
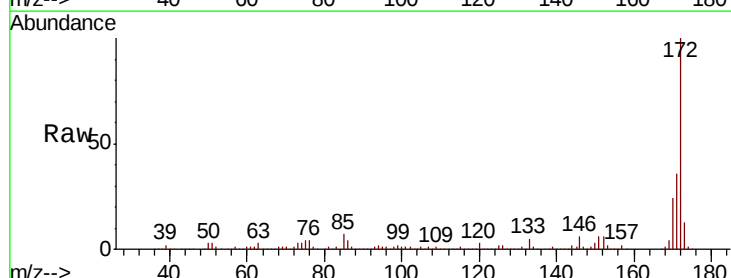
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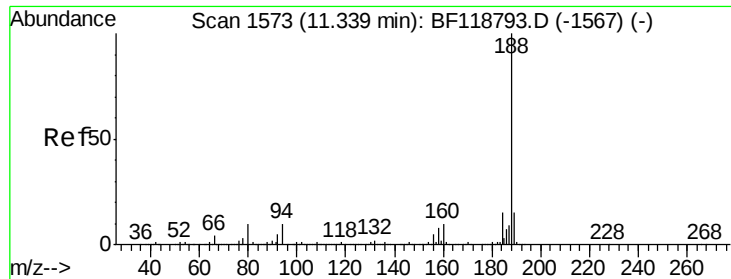
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#45
 2-Fluorobiphenyl
 Concen: 59.242 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF118849.D
 Acq: 7 Feb 2020 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1762084		
171	36.4		30.8	46.2
170	24.1		20.5	30.7





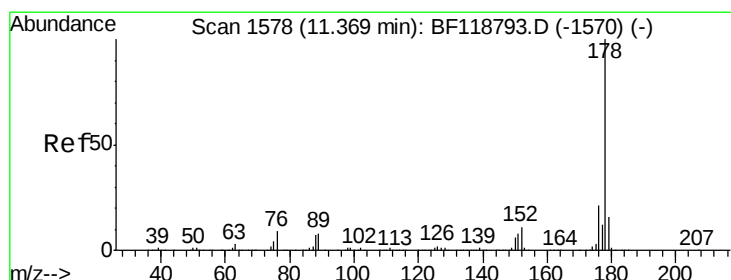
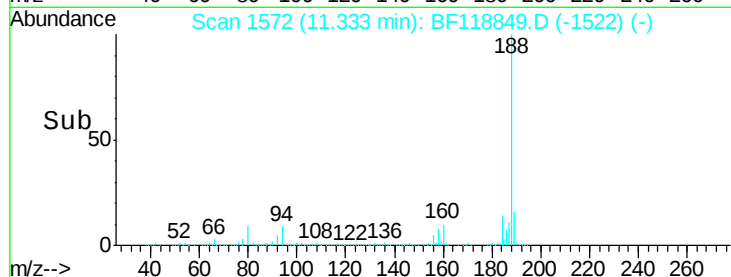
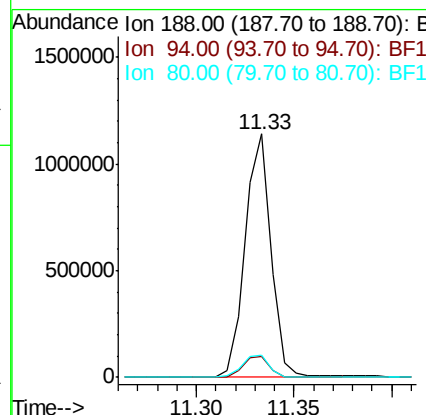
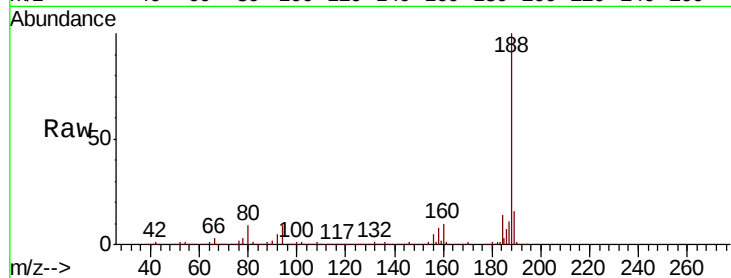
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF118849.D
Acq: 7 Feb 2020 14:36

Instrument :
BNA_F
ClientSampleId :
349

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.9	11.9
80	9.2	8.4	12.6

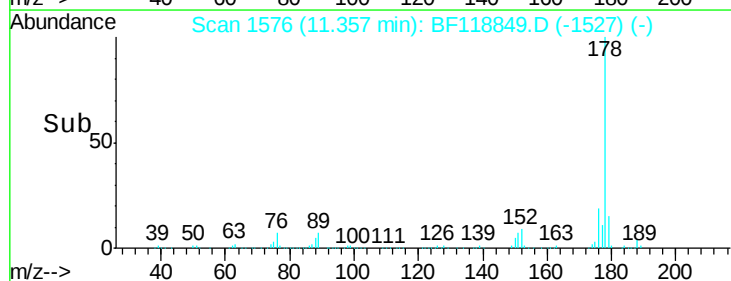
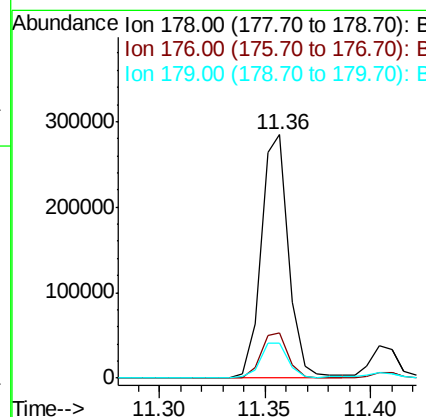
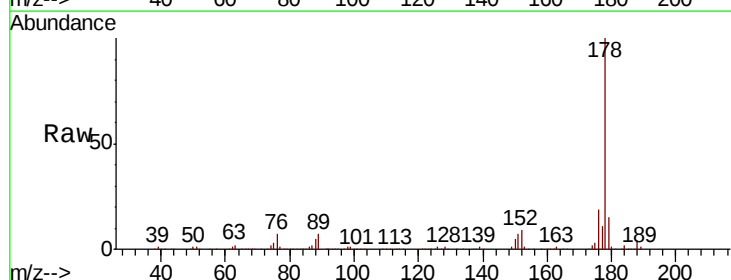
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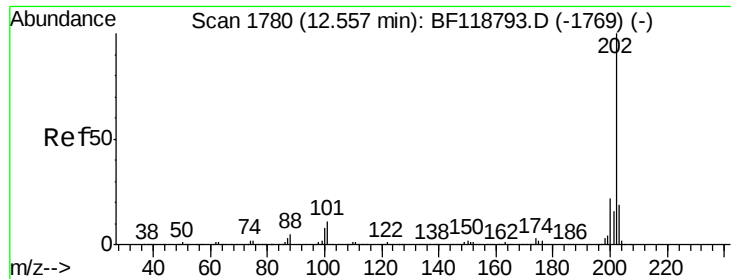
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#71
Phenanthrene
Concen: 5.002 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF118849.D
Acq: 7 Feb 2020 14:36

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.6	24.8
179	14.5	13.2	19.8





#75

Fluoranthene

Concen: 8.020 ng

RT: 12.55 min Scan# 1778

Delta R.T. -0.01 min

Lab File: BF118849.D

Acq: 7 Feb 2020 14:36

Instrument :

BNA_F

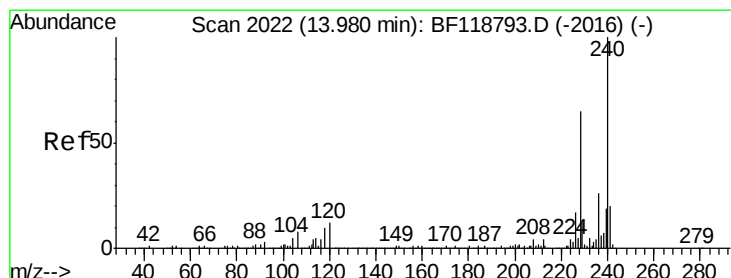
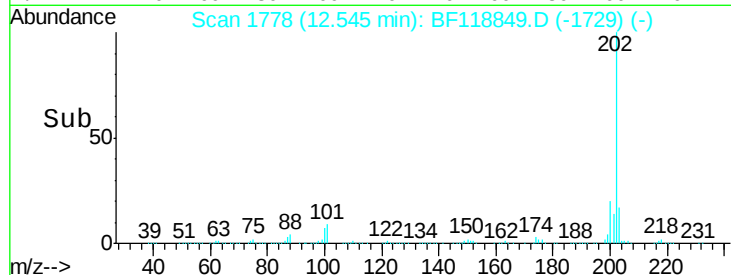
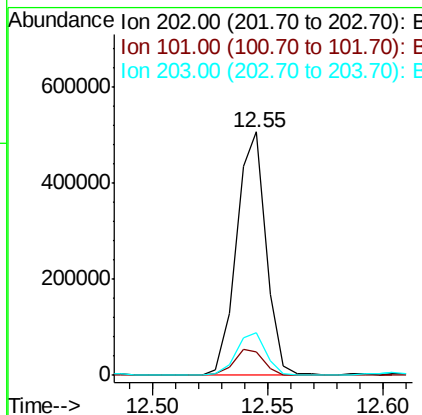
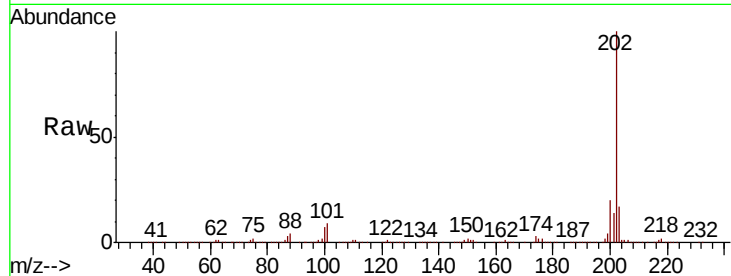
ClientSampleId :

349

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		451574		
101	9.5	0.0	31.0		
203	17.4	0.0	38.7		

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

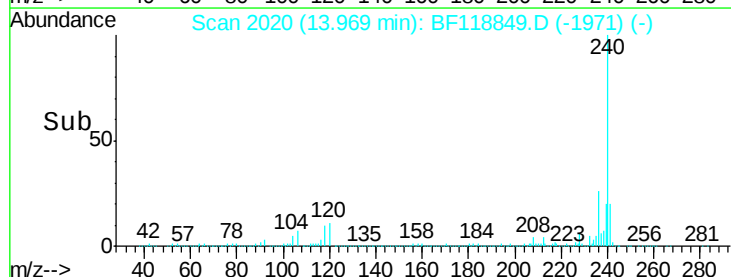
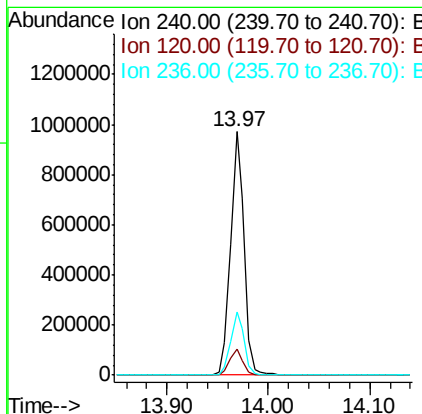
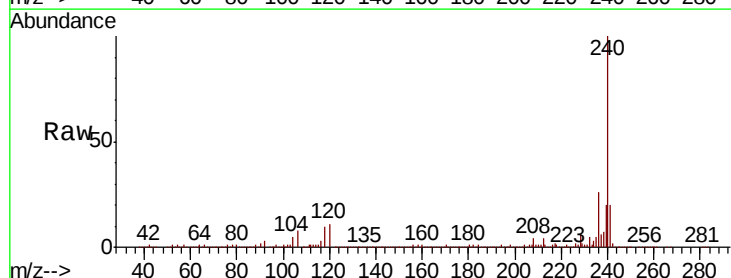
RT: 13.97 min Scan# 2020

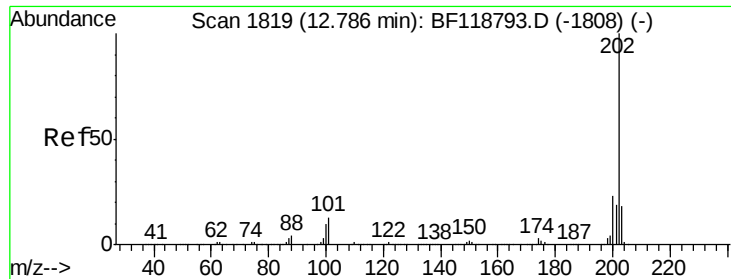
Delta R.T. -0.01 min

Lab File: BF118849.D

Acq: 7 Feb 2020 14:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		902959		
120	10.7	9.4	14.0		
236	25.9	21.0	31.6		





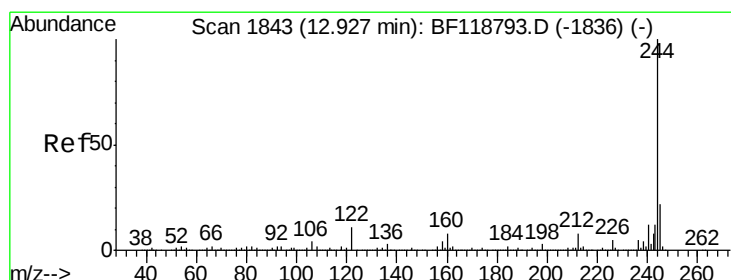
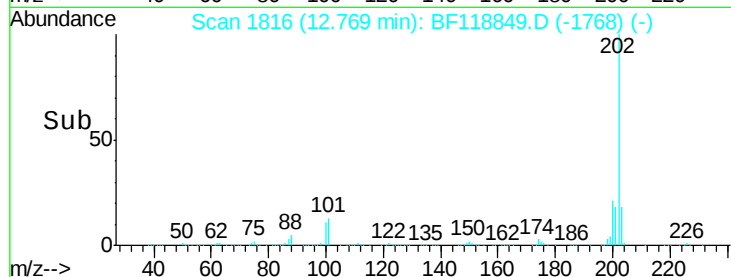
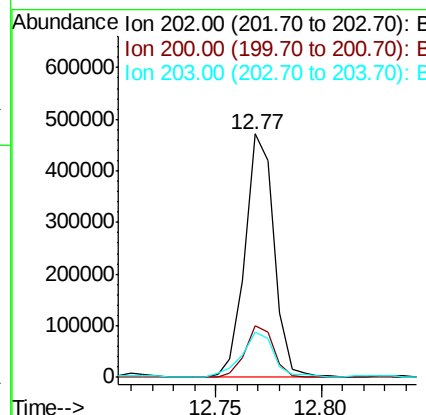
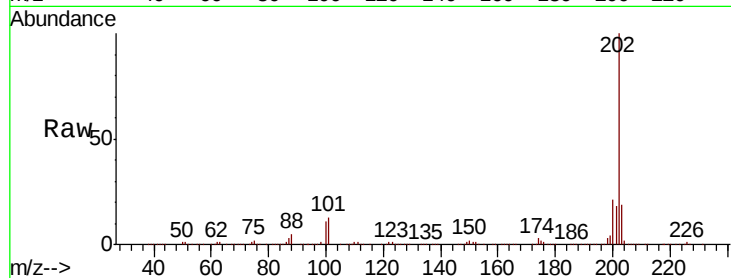
#78
Pvrene
Concen: 7.235 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.02 min
Lab File: BF118849.D
Acq: 7 Feb 2020 14:36

Instrument :
BNA_F
ClientSampleId :
349

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	18.2	27.2
203	18.5	14.8	22.2

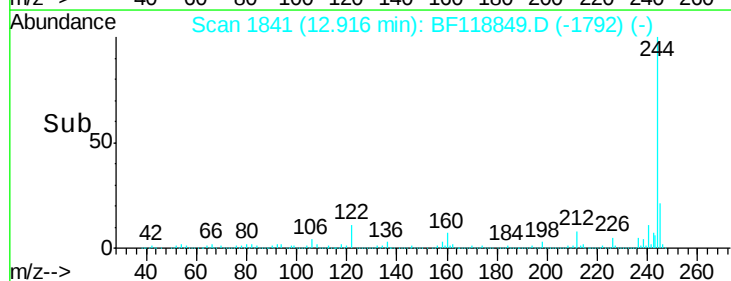
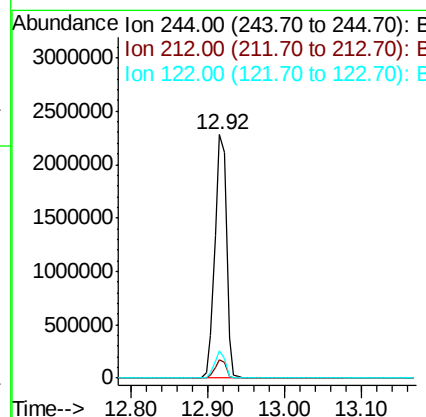
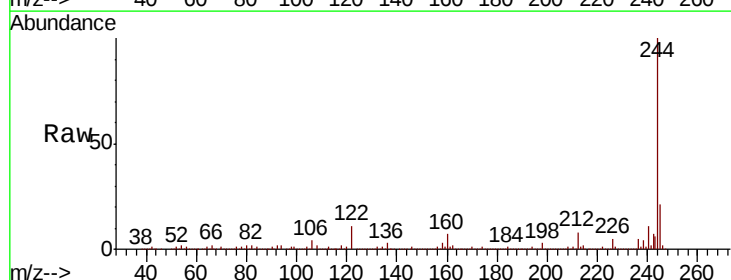
Manual Integrations
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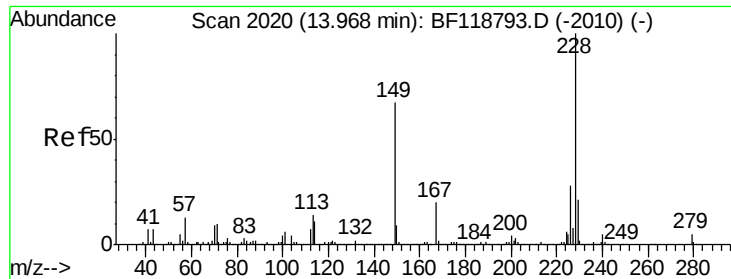
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#79
Terphenyl-d14
Concen: 53.580 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF118849.D
Acq: 7 Feb 2020 14:36

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.5	9.7
122	11.2	8.9	13.3





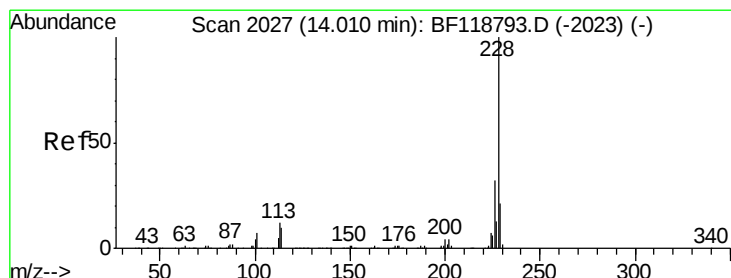
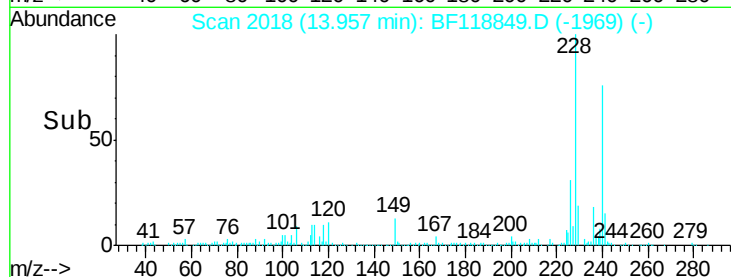
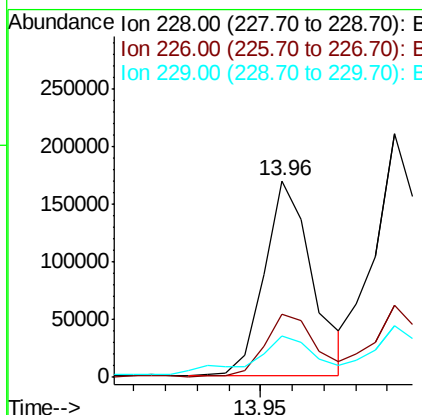
#81
Benzo(a)anthracene
Concen: 3.319 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF118849.D
Acq: 7 Feb 2020 14:36

Instrument :
BNA_F
ClientSampled :
349

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.9	22.7	34.1
229	21.2	16.6	25.0

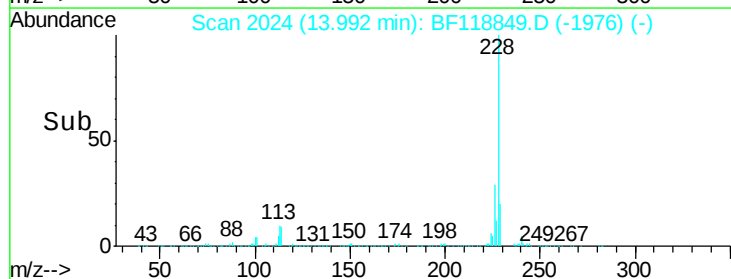
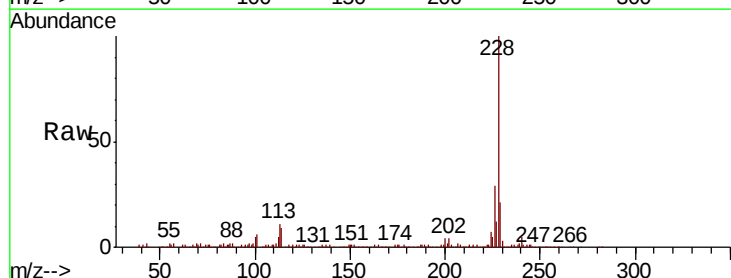
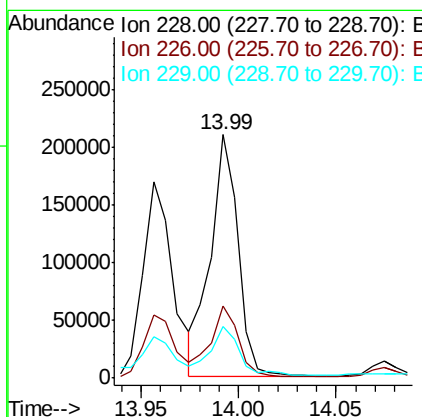
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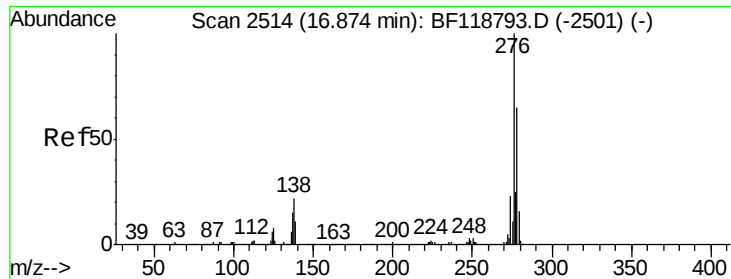
mohammad
2/11/2020 8:26:31 AM



#83
Chrysene
Concen: 3.826 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.02 min
Lab File: BF118849.D
Acq: 7 Feb 2020 14:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	25.4	38.0
229	21.3	16.9	25.3





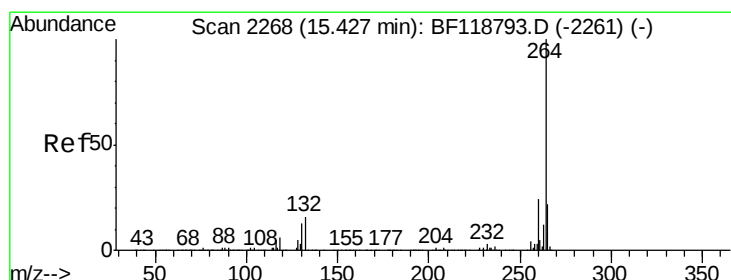
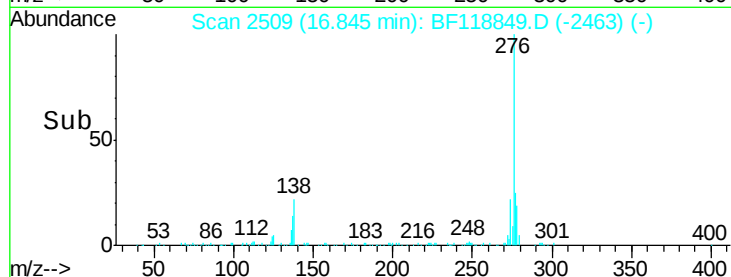
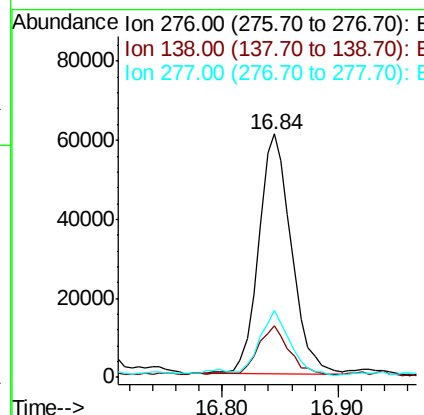
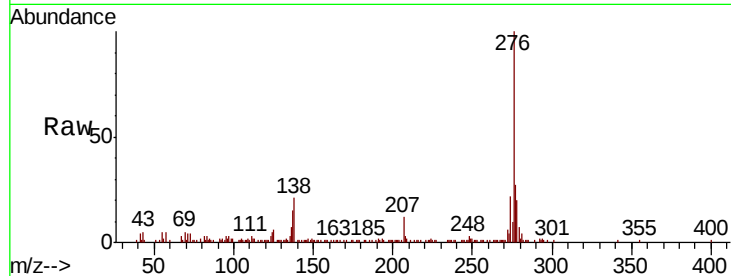
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.207 ng
RT: 16.84 min Scan# 2509
Delta R.T. -0.03 min
Lab File: BF118849.D
Acq: 7 Feb 2020 14:36

Instrument :
BNA_F
ClientSampleId :
349

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.6	18.3	27.5
277	25.0	20.2	30.4

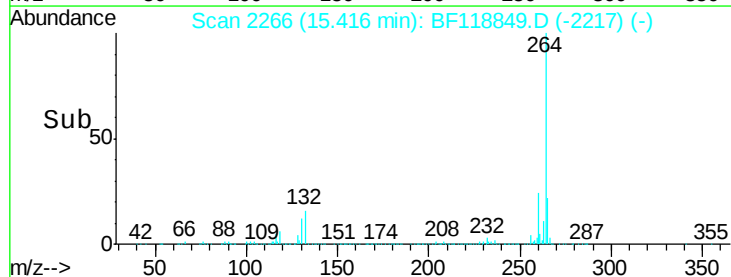
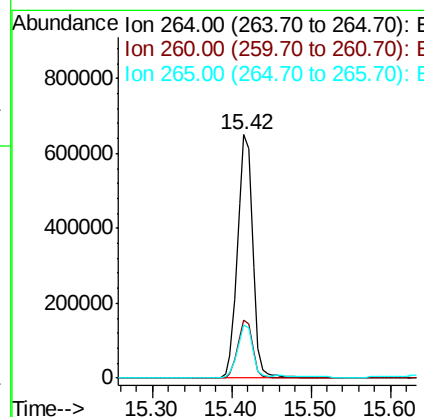
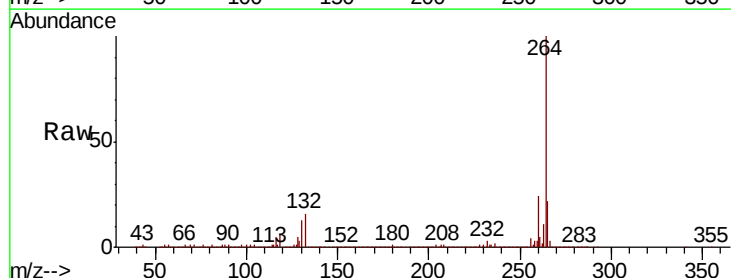
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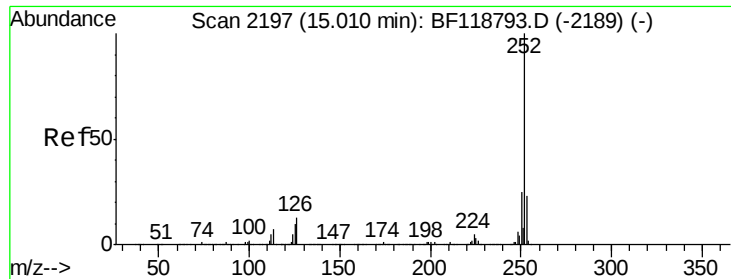
mohammad
2/11/2020 8:26:31 AM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF118849.D
Acq: 7 Feb 2020 14:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	22.0	17.2	25.8





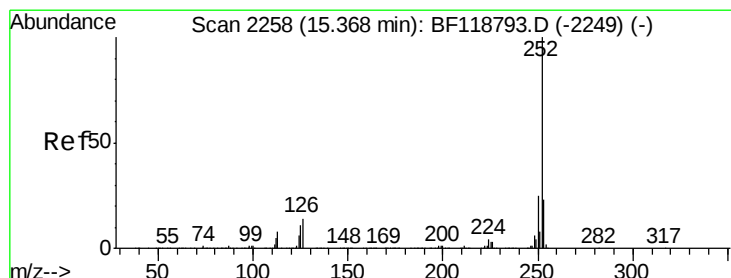
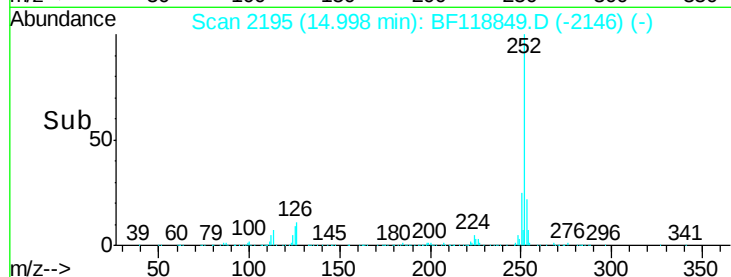
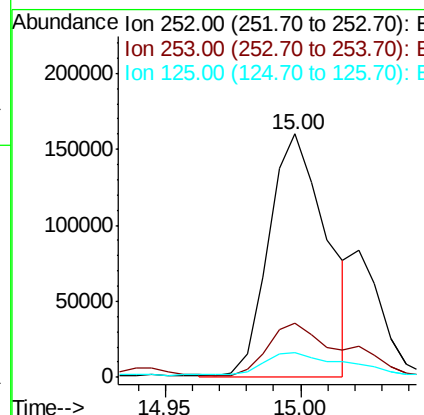
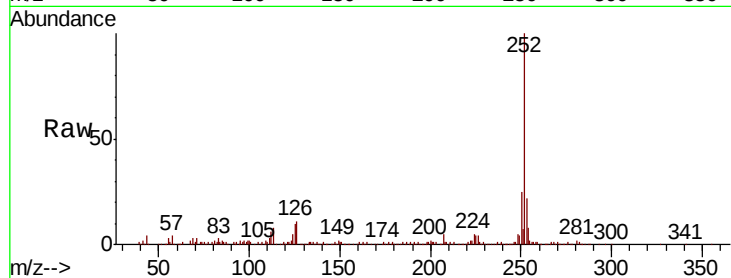
#88
Benzo(b)fluoranthene
Concen: 4.414 ng m
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF118849.D
Acq: 7 Feb 2020 14:36

Instrument :
BNA_F
ClientSampled :
349

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.4	27.6
125	10.3	8.1	12.1

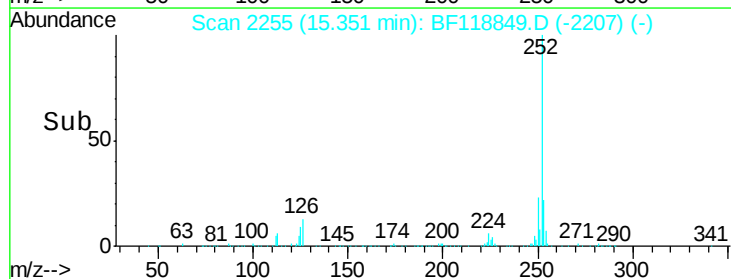
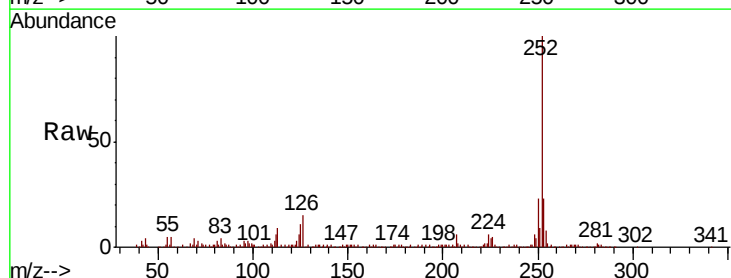
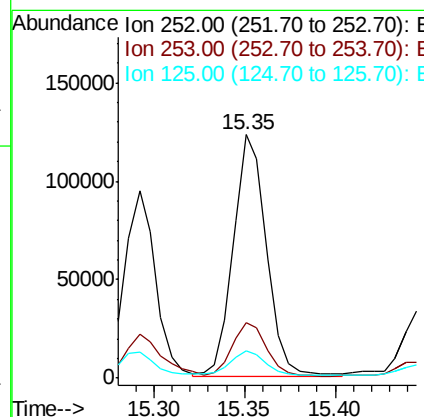
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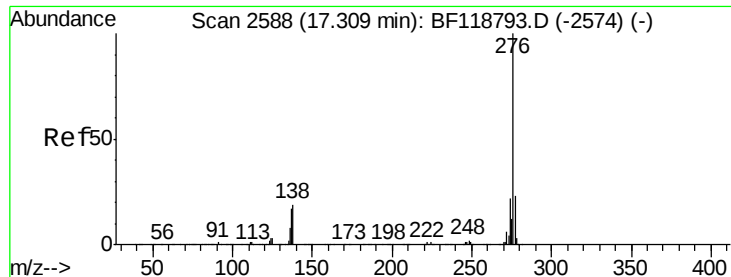
mohammad
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#90
Benzo(a)pyrene
Concen: 3.372 ng
RT: 15.35 min Scan# 2255
Delta R.T. -0.02 min
Lab File: BF118849.D
Acq: 7 Feb 2020 14:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	11.3	8.7	13.1





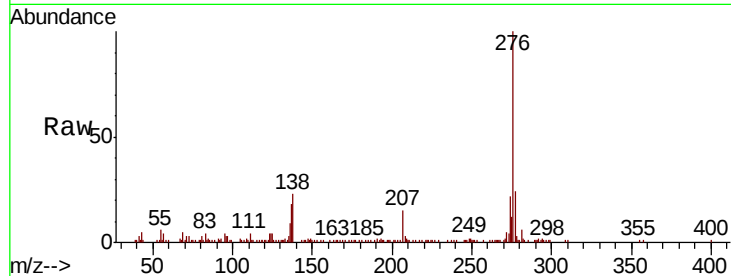
#92
 Benzo(a,h,i)perylene
 Concen: 3.028 ng
 RT: 17.27 min Scan# 2582
 Delta R.T. -0.04 min
 Lab File: BF118849.D
 Acq: 7 Feb 2020 14:36

Instrument :
 BNA_F
 ClientSampleId :
 349

Tot Ion	Ion	Ratio	Resp	Lower	Upper
276	100				
277	24.0	18.7	28.1		
138	23.0	15.4	23.2		

Manual Integrations
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mohammad
 2/11/2020 8:26:31 AM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

