

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119884.D
 Acq On : 9 Apr 2020 21:54
 Operator : MA/SJ
 Sample : L2123-01 5X
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-040320

Manual Integrations
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mohammad
 4/10/2020 9:57:53 AM

Quant Time: Apr 10 03:11:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 01:21:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	162546	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	581503	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	258819	20.00	ng	0.00
64) Phenanthrene-d10	11.30	188	400052	20.00	ng	0.00
76) Chrysene-d12	13.94	240	273474	20.00	ng	0.00
87) Perylene-d12	15.37	264	251978	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	123904	13.17	ng	0.00
7) Phenol-d6	6.39	99	157979	13.04	ng	-0.01
23) Nitrobenzene-d5	7.33	82	91389	8.13	ng	-0.01
42) 2,4,6-Tribromophenol	10.60	330	29821	9.41	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	185097	10.15	ng	-0.01
79) Terphenyl-d14	12.88	244	139354	8.57	ng	0.00
Target Compounds						
71) Phenanthrene	11.32	178	209957	9.861	ng	97
72) Anthracene	11.37	178	50255	2.311	ng	98
75) Fluoranthene	12.51	202	261022	11.362	ng	96
78) Pyrene	12.74	202	240898	10.449	ng	99
81) Benzo(a)anthracene	13.93	228	109818	6.104	ng	96
83) Chrysene	13.96	228	84312	4.612	ng	96
88) Benzo(b)fluoranthene	14.96	252	97375m	5.372	ng	
90) Benzo(a)pyrene	15.32	252	66235	4.346	ng	# 96
92) Benzo(g,h,i)perylene	17.21	276	32206	2.417	ng	92

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

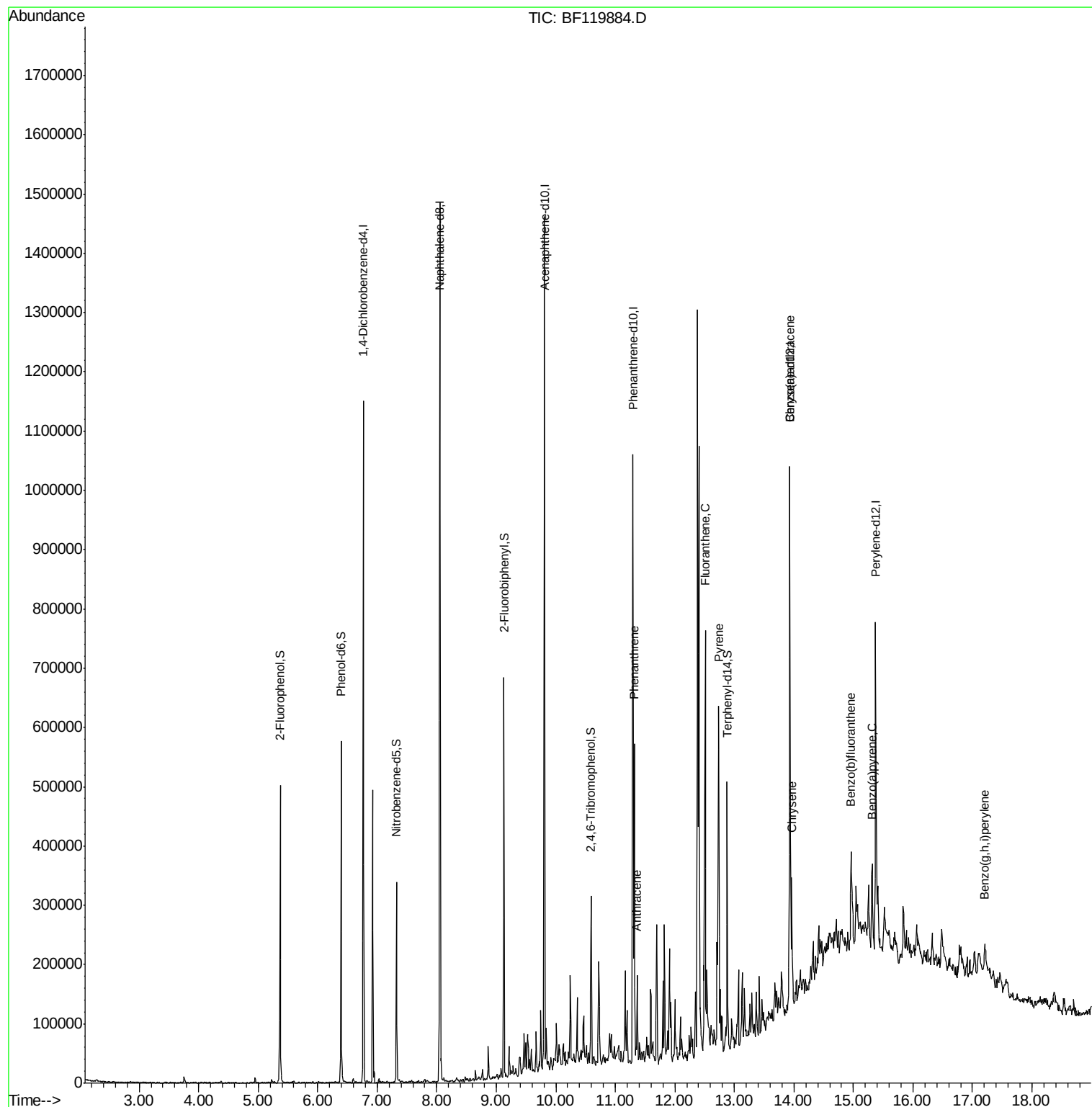
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119884.D
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Operator : MA/SJ
Sample : L2123-01 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

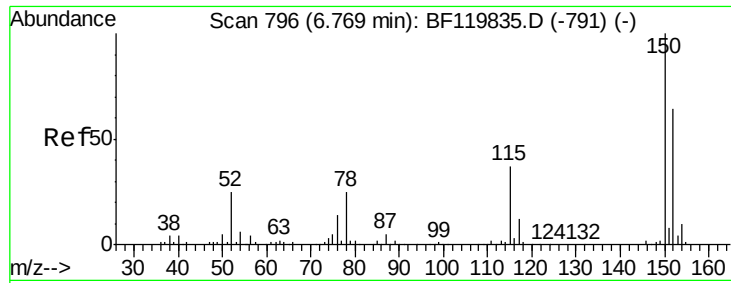
Instrument :
BNA_F
ClientSampleId :
TR-05-040320

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Quant Time: Apr 10 03:11:03 2020
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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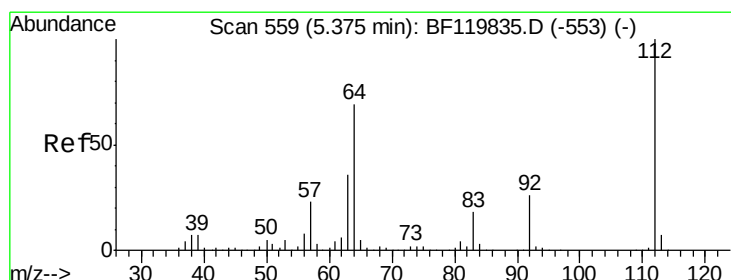
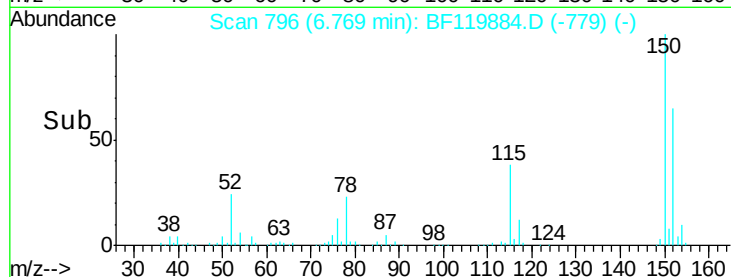
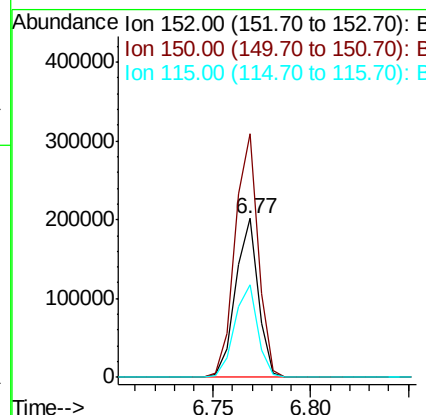
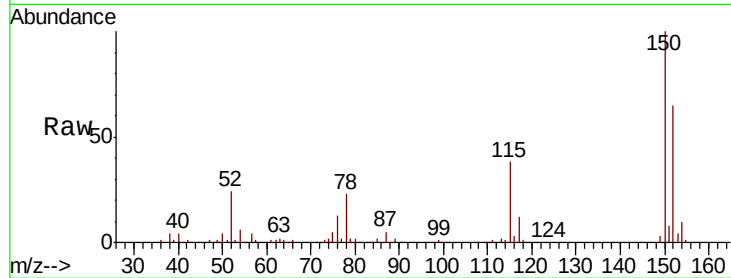
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF119884.D
 Acq: 9 Apr 2020 21:54

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-040320

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	124.8	187.2
115	58.5	46.5	69.7

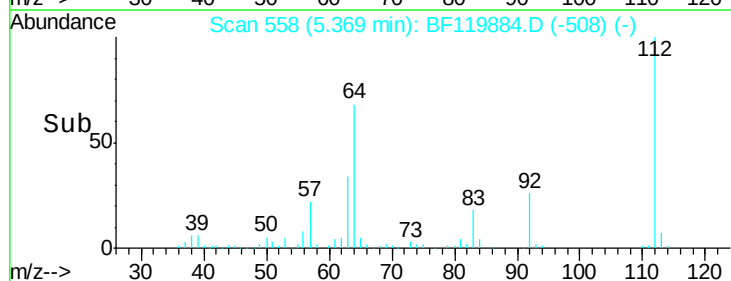
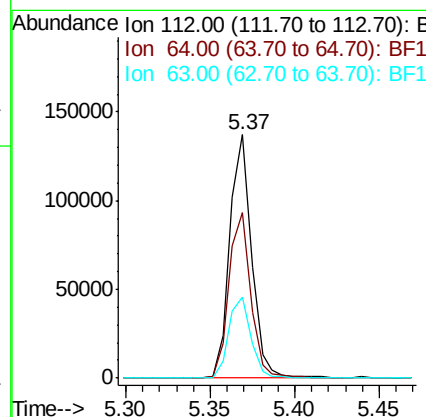
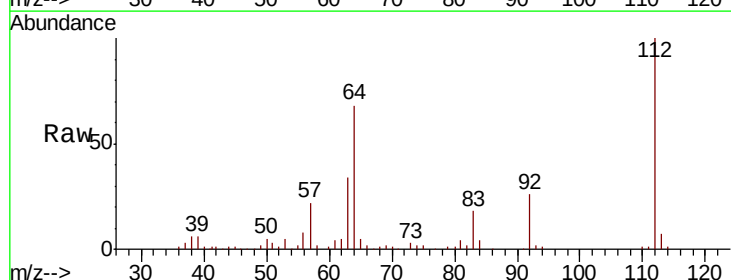
Manual Integrations
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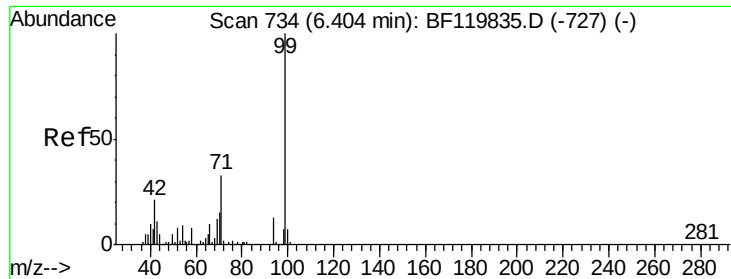
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#5
 2-Fluorophenol
 Concen: 13.173 ng
 RT: 5.37 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: BF119884.D
 Acq: 9 Apr 2020 21:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.8	55.5	83.3
63	33.5	29.1	43.7





#7

Phenol-d6

Concen: 13.035 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119884.D

Acq: 9 Apr 2020 21:54

Instrument :

BNA_F

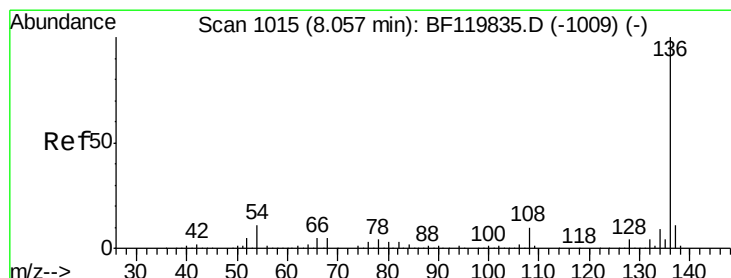
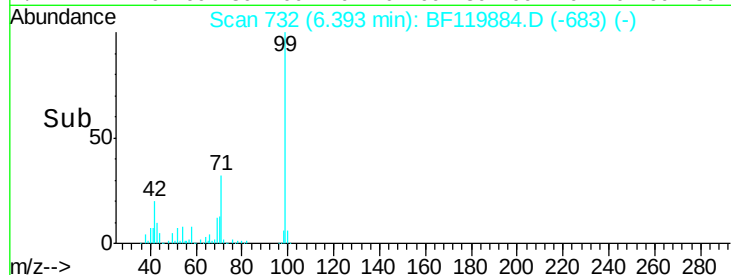
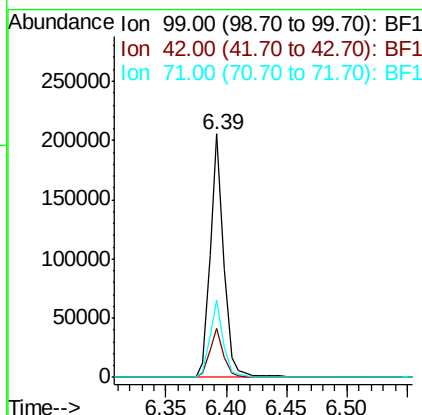
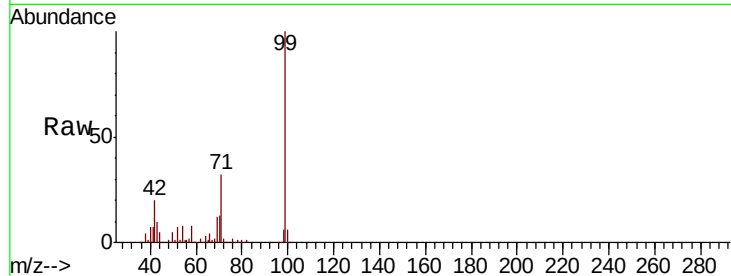
ClientSampled :

TR-05-040320

Tot Ion:	99	Resp:	157979
Ion	Ratio	Lower	Upper
99	100		
42	20.0	16.9	25.3
71	31.8	26.3	39.5

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#21

Naphthalene-d8

Concen: 20.000 ng

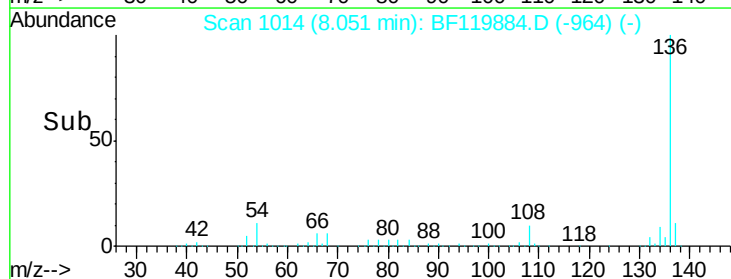
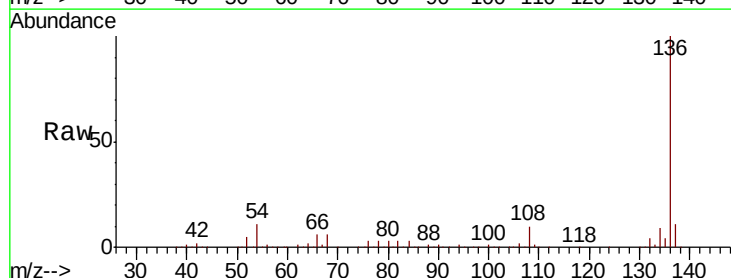
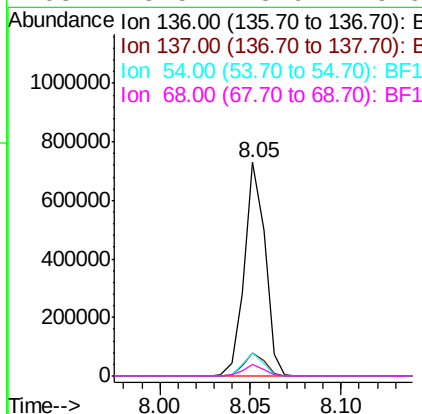
RT: 8.05 min Scan# 1014

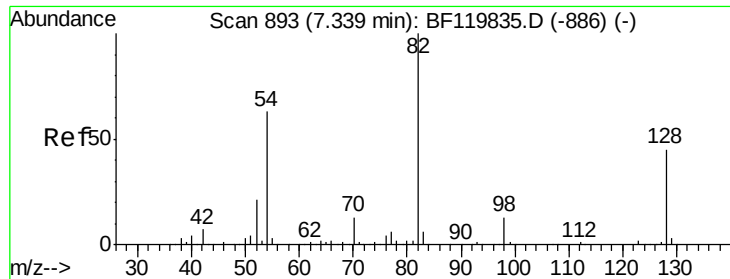
Delta R.T. -0.01 min

Lab File: BF119884.D

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Tgt Ion:	136	Resp:	581503
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	10.6	8.5	12.7
68	5.5	3.9	5.9





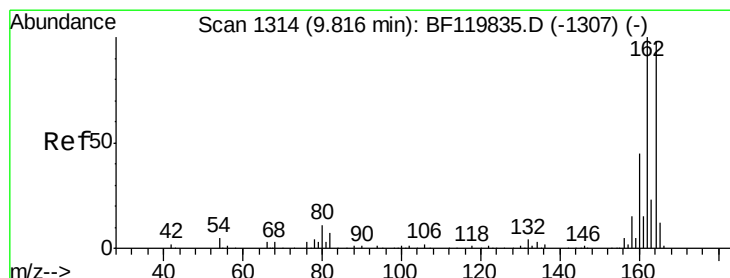
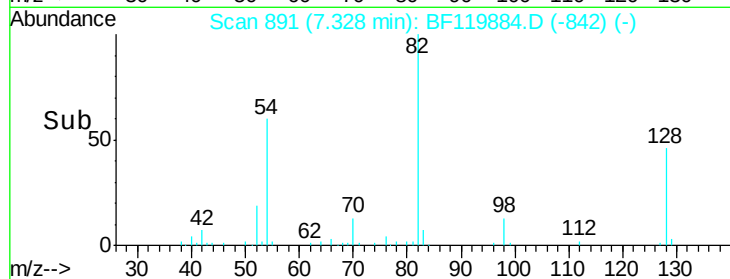
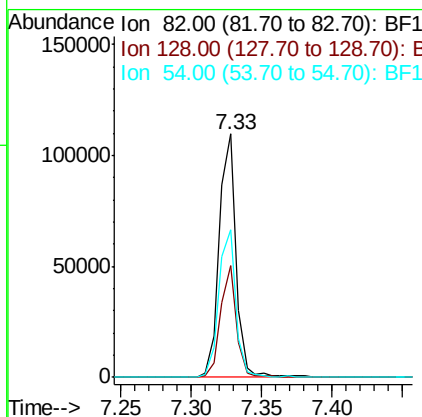
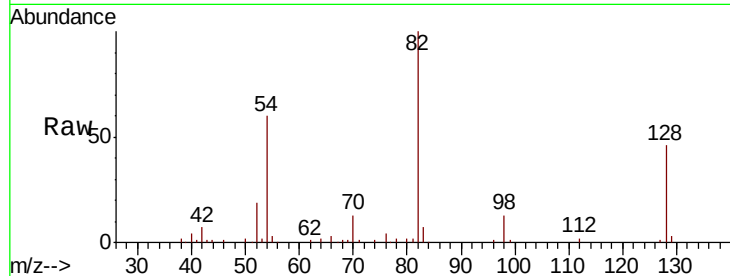
#23
 Nitrobenzene-d5
 Concen: 8.130 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF119884.D
 Acq: 9 Apr 2020 21:54

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-040320

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.2	54.4
54	60.5	50.4	75.6

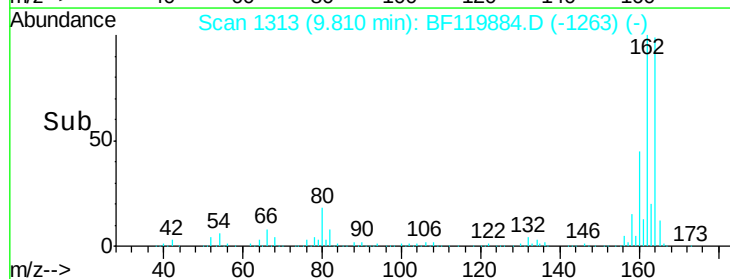
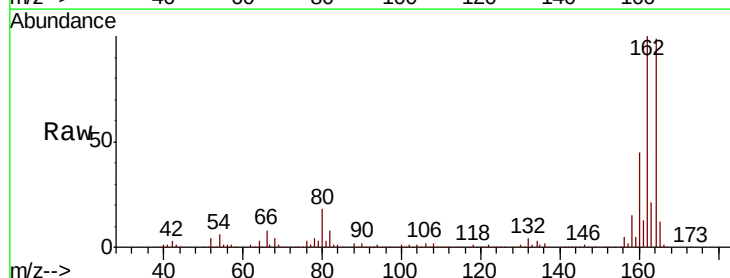
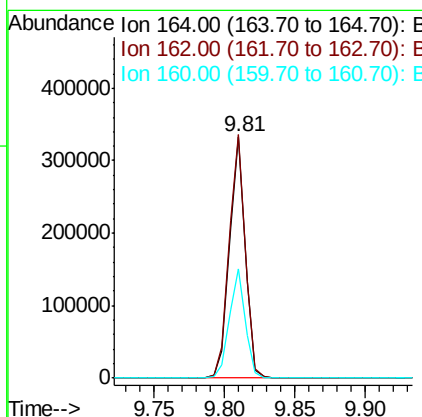
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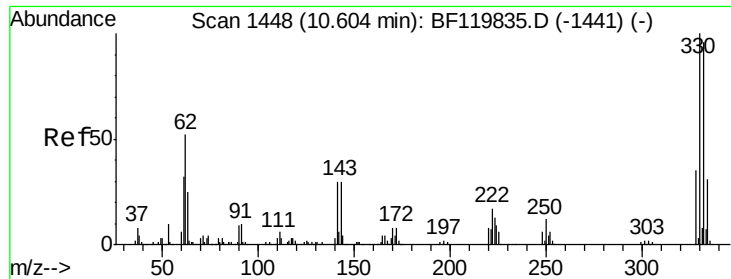
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF119884.D
 Acq: 9 Apr 2020 21:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.9	122.9
160	45.2	36.6	54.8





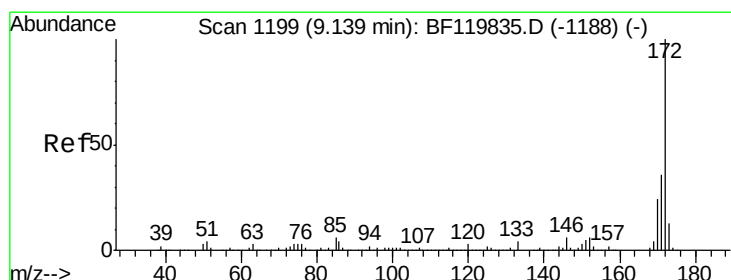
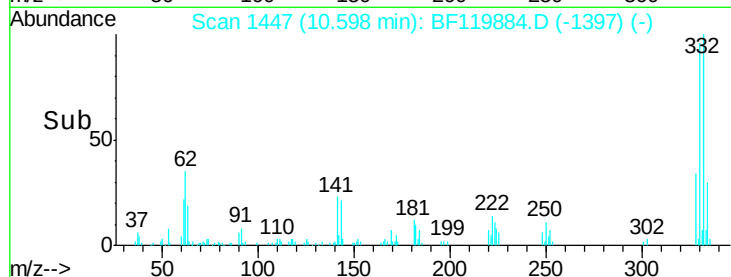
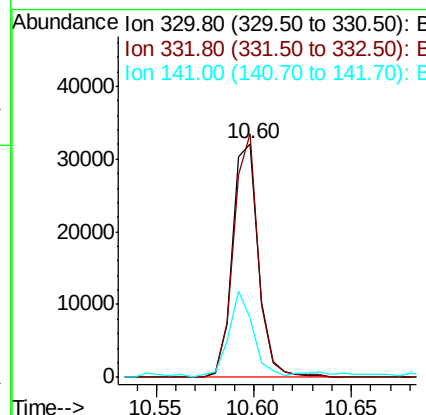
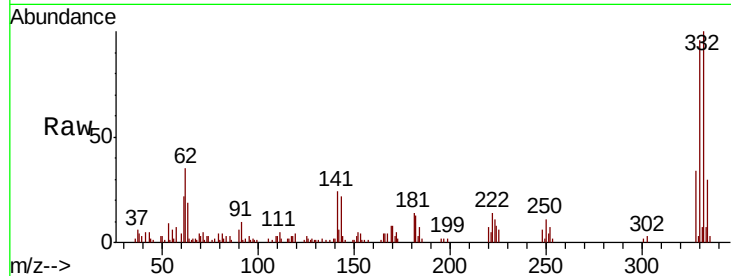
#42
 2,4,6-Tribromophenol
 Concen: 9.411 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF119884.D
 Acq: 9 Apr 2020 21:54

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-040320

Tot Ion	Ratio	Resp	Lower	Upper
330	100	29821		
332	98.7	76.8	115.2	
141	34.5	25.1	37.7	

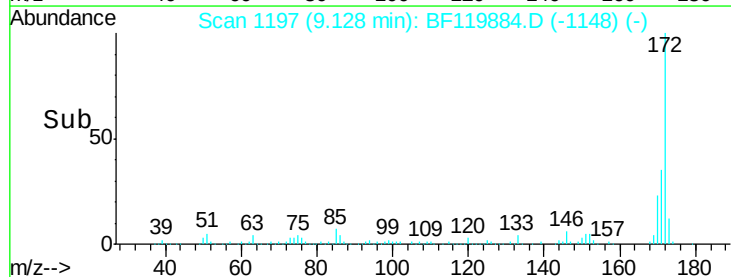
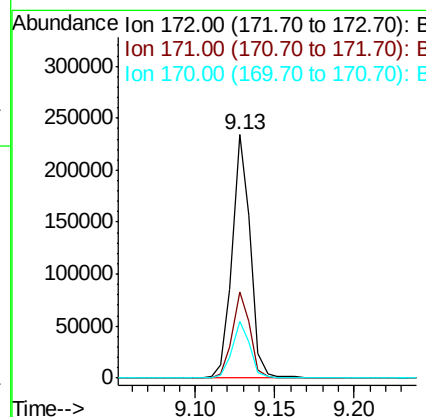
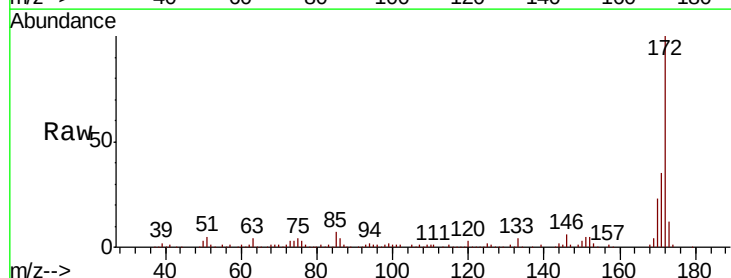
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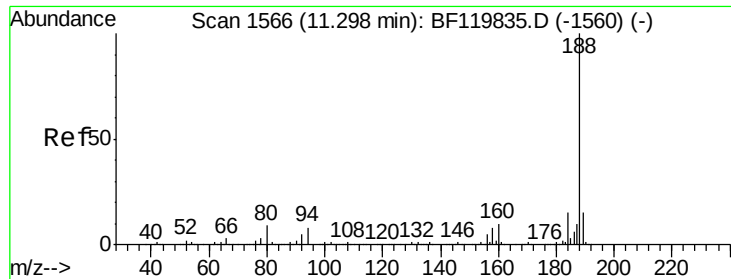
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#45
 2-Fluorobiphenyl
 Concen: 10.154 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF119884.D
 Acq: 9 Apr 2020 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	185097		
171	35.2	28.9	43.3	
170	23.2	19.4	29.2	





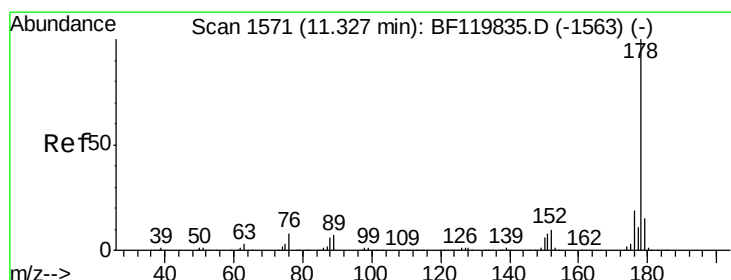
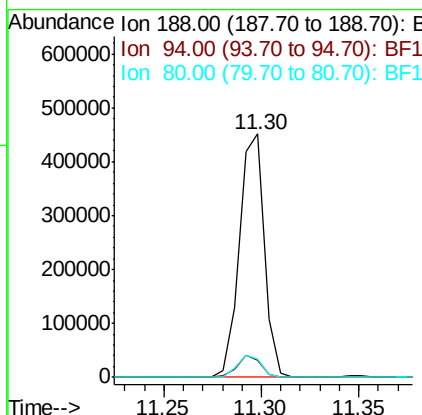
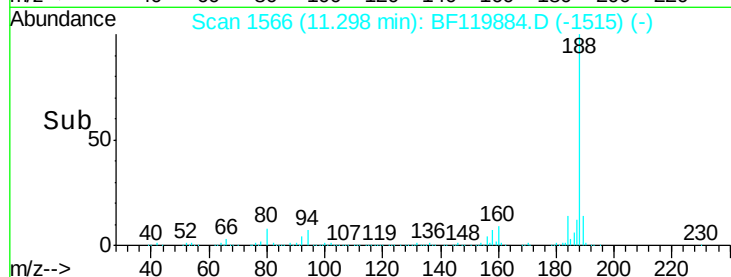
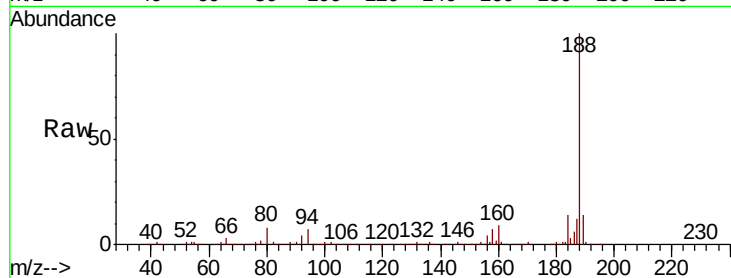
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BF119884.D
Acq: 9 Apr 2020 21:54

Instrument :
BNA_F
ClientSampleId :
TR-05-040320

Tot Ion	Ratio	Resp	Lower	Upper
188	100	400052		
94	7.1		6.7	10.1
80	7.6		7.4	11.2

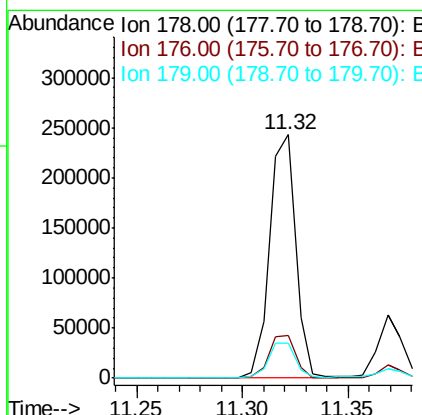
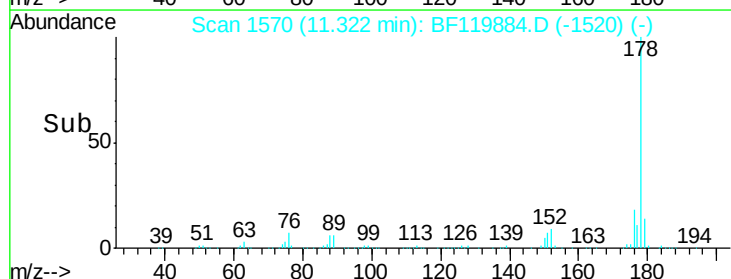
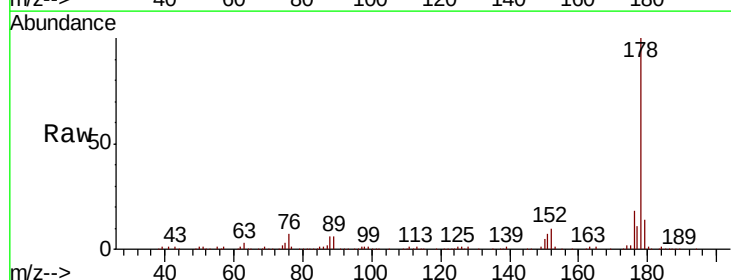
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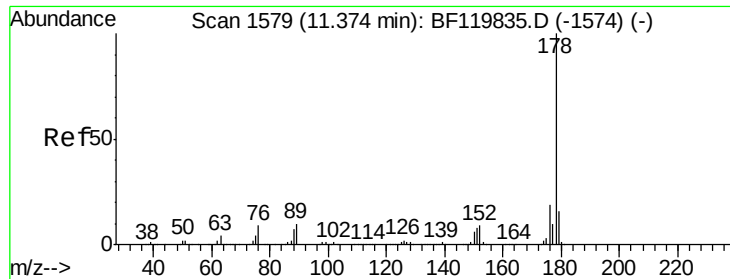
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#71
Phenanthrene
Concen: 9.861 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF119884.D
Acq: 9 Apr 2020 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	209957		
176	17.6		15.1	22.7
179	14.3		12.2	18.4





#72

Anthracene

Concen: 2.311 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BF119884.D

Acq: 9 Apr 2020 21:54

Instrument :

BNA_F

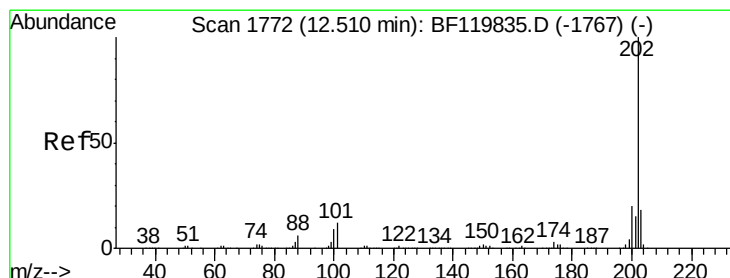
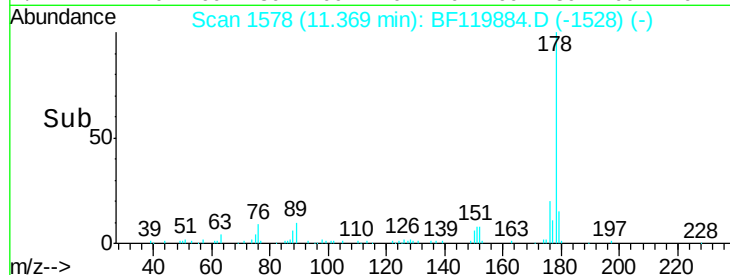
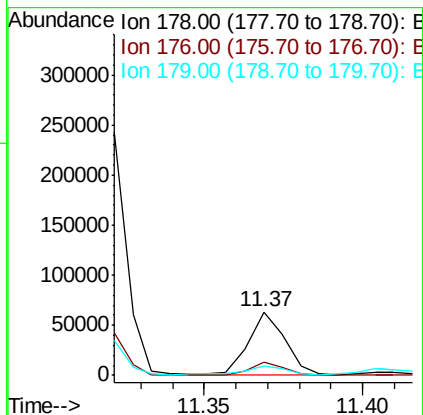
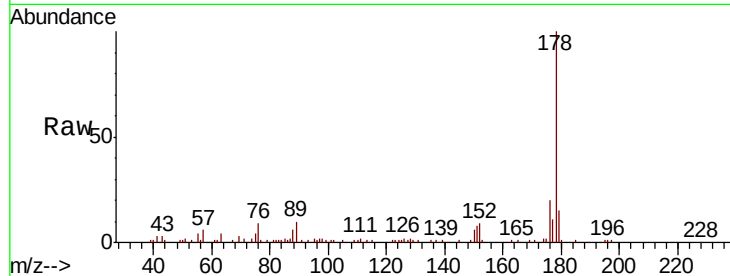
ClientSampleId :

TR-05-040320

Tot Ion:	178	Resp:	50255
Ion Ratio	Lower	Upper	
178	100		
176	20.1	15.4	23.2
179	15.3	12.8	19.2

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#75

Fluoranthene

Concen: 11.362 ng

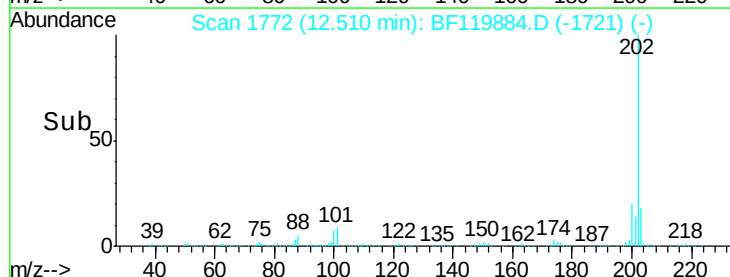
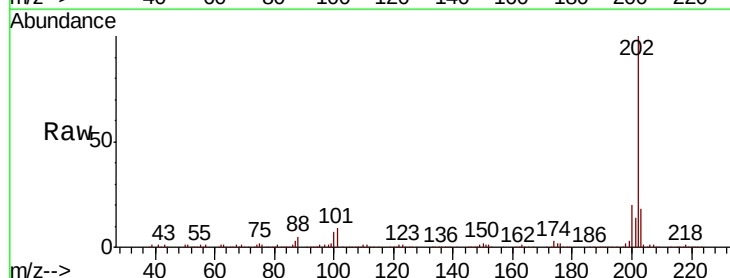
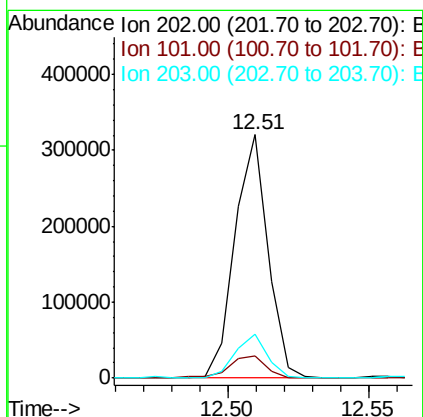
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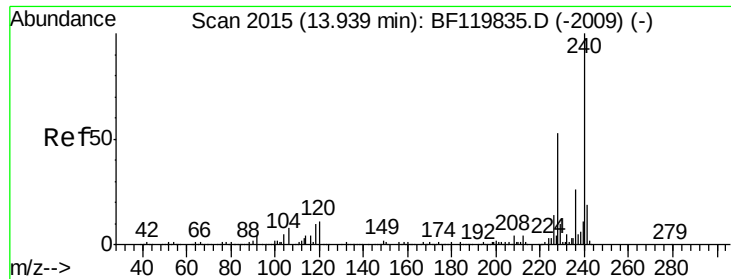
Delta R.T. 0.00 min

Lab File: BF119884.D

Acq: 9 Apr 2020 21:54

Tgt Ion:	202	Resp:	261022
Ion Ratio	Lower	Upper	
202	100		
101	9.0	0.0	32.3
203	17.9	0.0	37.6





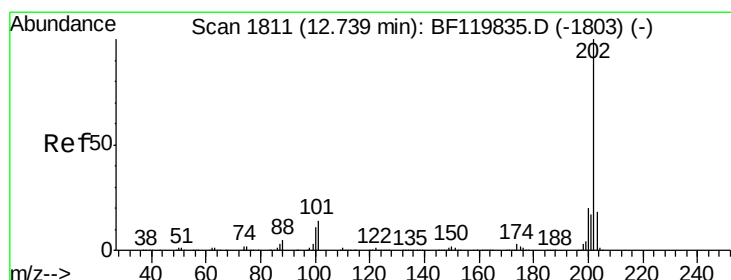
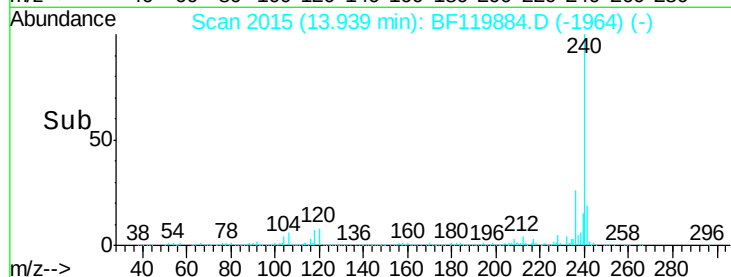
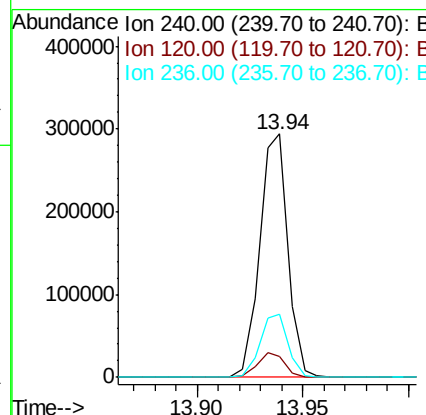
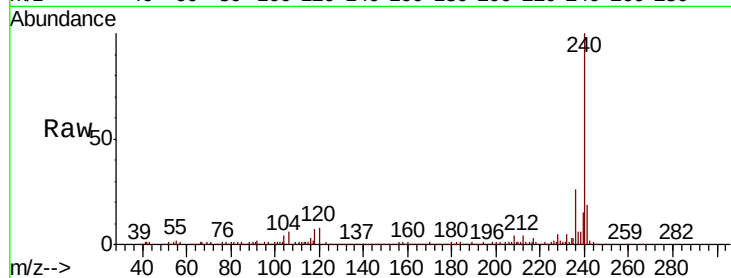
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BF119884.D
Acq: 9 Apr 2020 21:54

Instrument :
BNA_F
ClientSampleId :
TR-05-040320

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.5	9.0	13.6#
236	26.2	20.7	31.1

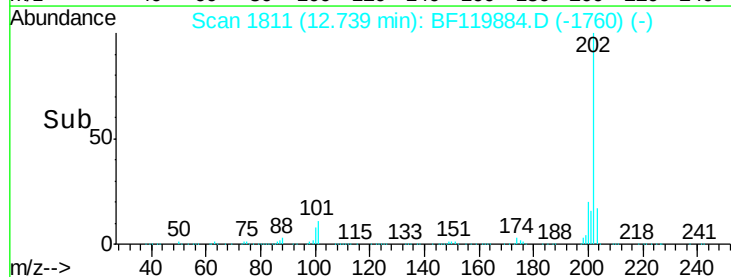
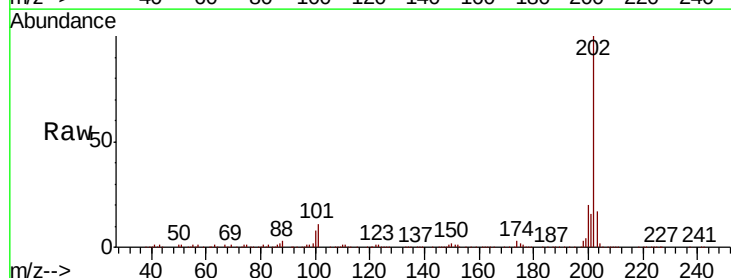
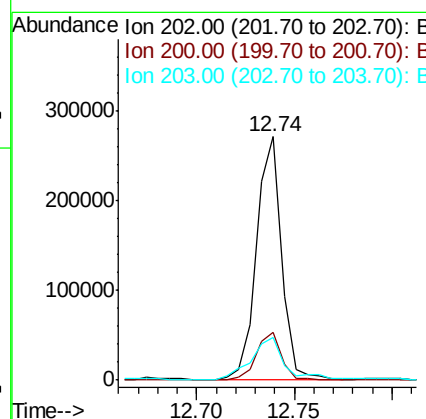
Manual Integrations
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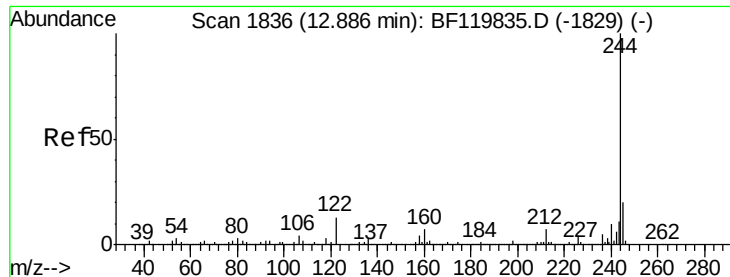
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#78
Pyrene
Concen: 10.449 ng
RT: 12.74 min Scan# 1811
Delta R.T. 0.00 min
Lab File: BF119884.D
Acq: 9 Apr 2020 21:54

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.7	16.2	24.2
203	17.4	14.1	21.1





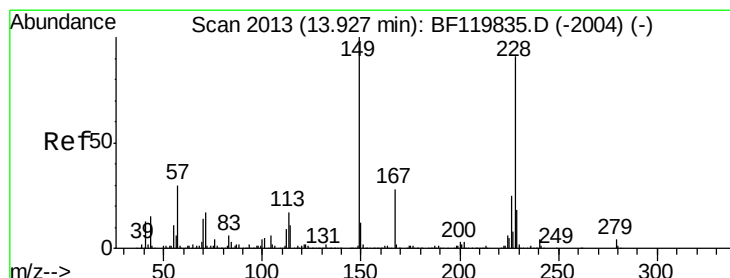
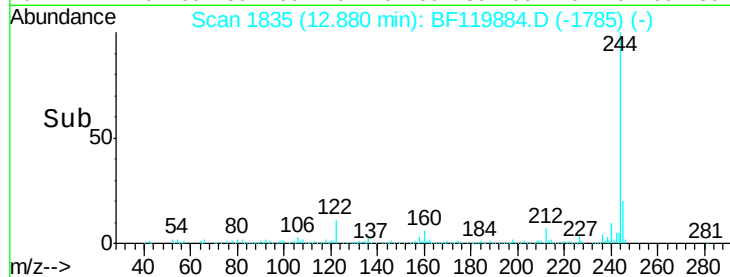
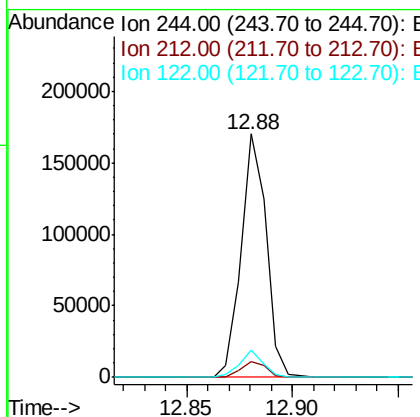
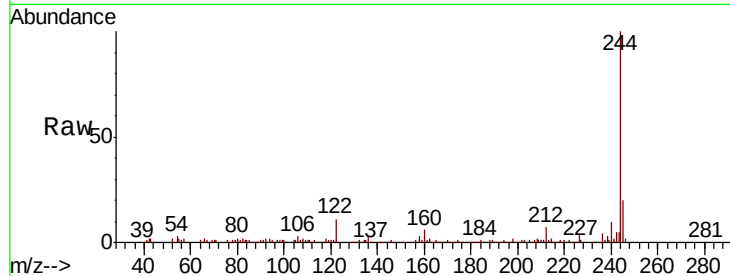
#79
 Terphenyl-d14
 Concen: 8.574 ng
 RT: 12.88 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: BF119884.D
 Acq: 9 Apr 2020 21:54

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-040320

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.2	10.3	15.5

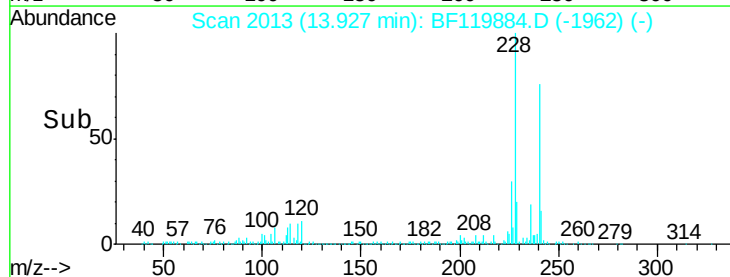
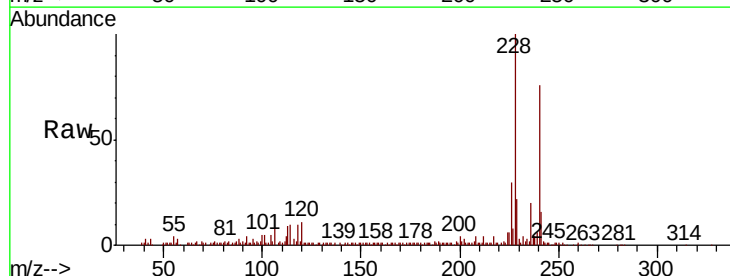
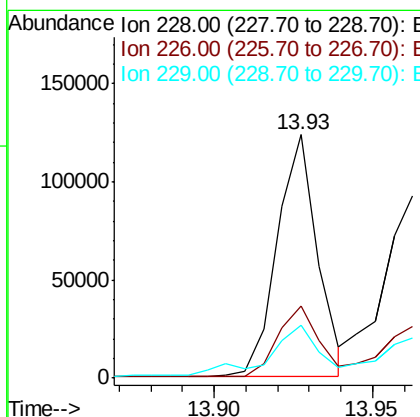
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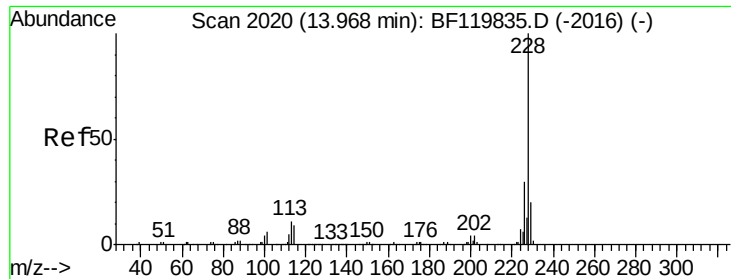
mohammad
 4/10/2020 9:57:53 AM



#81
 Benzo(a)anthracene
 Concen: 6.104 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.00 min
 Lab File: BF119884.D
 Acq: 9 Apr 2020 21:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	21.9	32.9
229	21.6	15.9	23.9





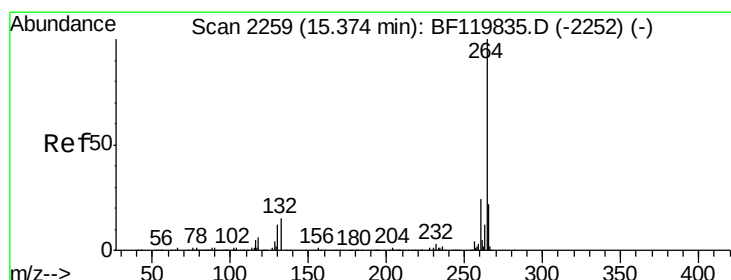
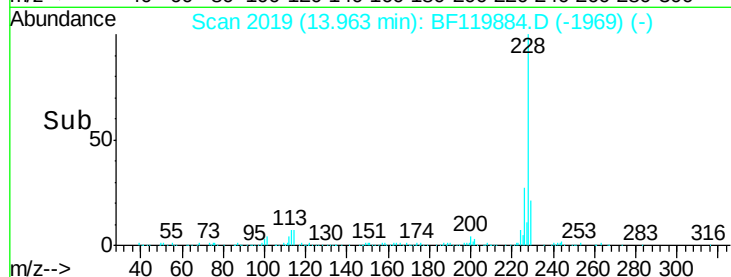
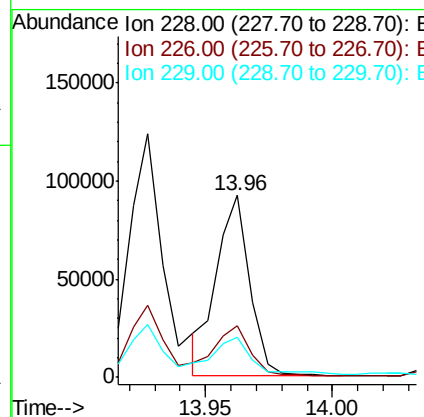
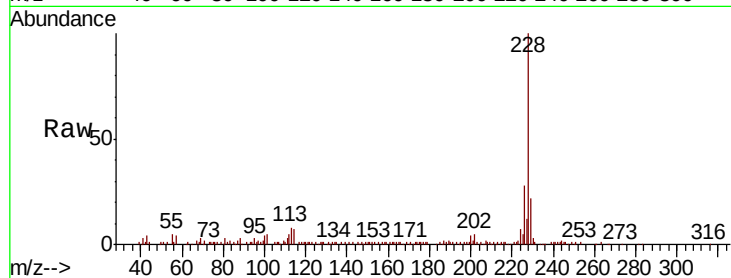
#83
Chrysene
Concen: 4.612 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF119884.D
Acq: 9 Apr 2020 21:54

Instrument :
BNA_F
ClientSampleId :
TR-05-040320

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	24.2	36.2
229	22.1	15.9	23.9

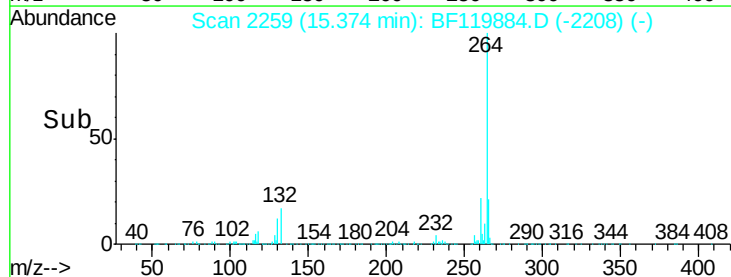
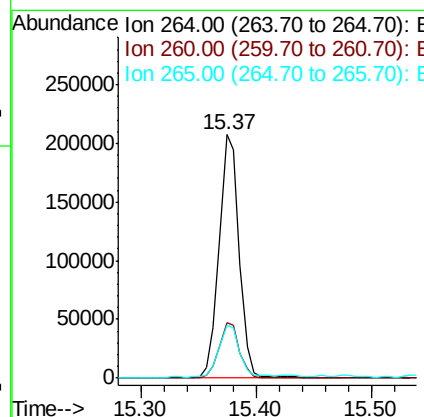
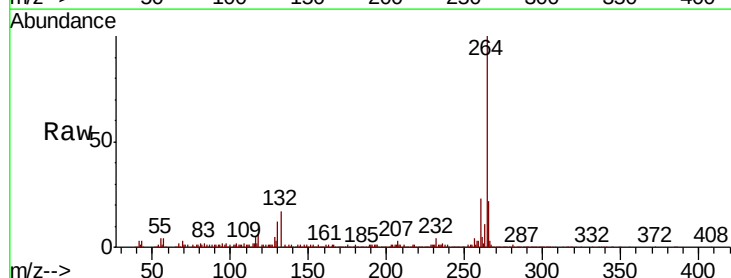
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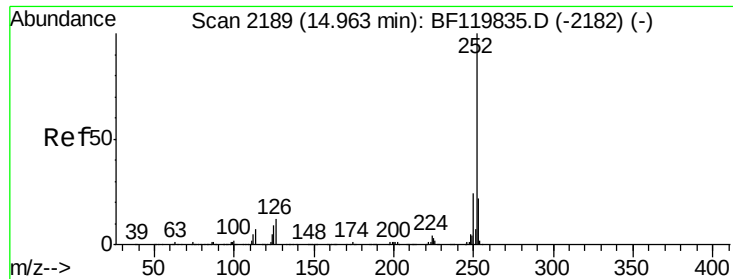
mohammad
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.00 min
Lab File: BF119884.D
Acq: 9 Apr 2020 21:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.3	28.9
265	21.7	17.6	26.4





#88

Benzo(b)fluoranthene

Concen: 5.372 ng

RT: 14.96 min Scan# 2189

Delta R.T. 0.00 min

Lab File: BF119884.D

Acq: 9 Apr 2020 21:54

Instrument :

BNA_F

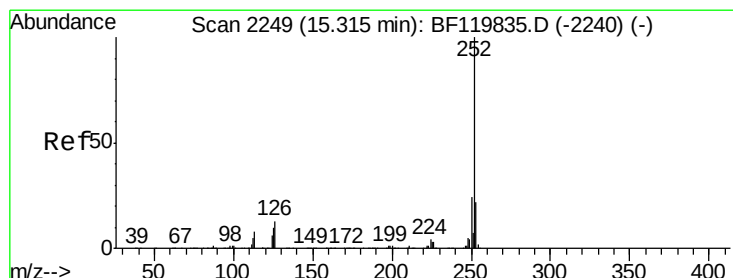
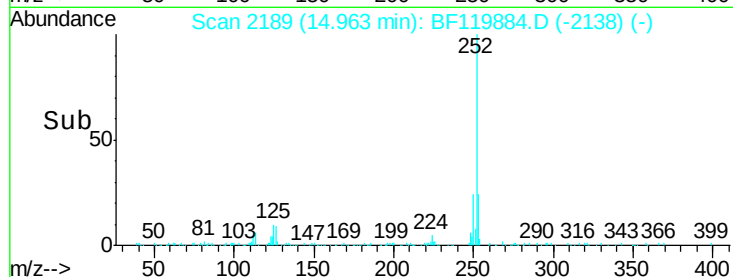
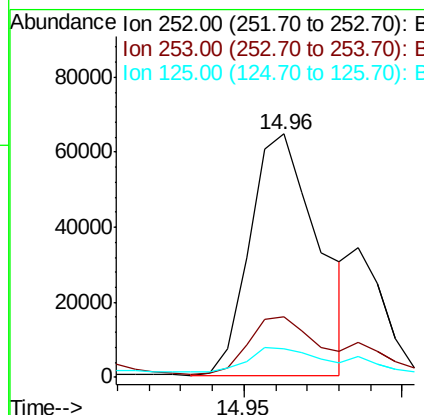
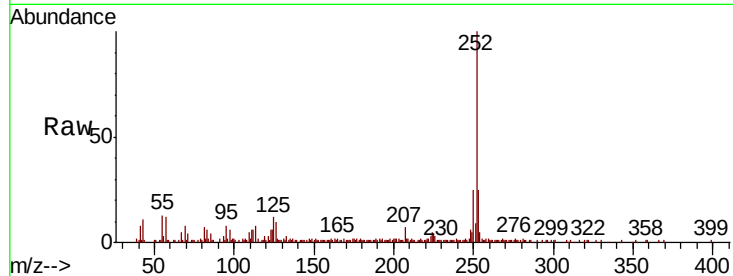
ClientSampleId :

TR-05-040320

Tot Ion:	252	Resp:	97375
Ion Ratio	Lower	Upper	
252	100		
253	25.0	17.7	26.5
125	11.5	7.4	11.2#

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#90

Benzo(a)pyrene

Concen: 4.346 ng

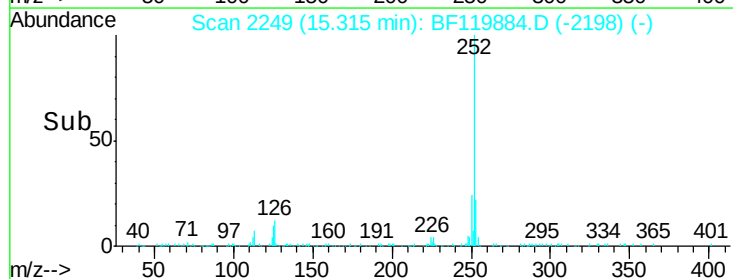
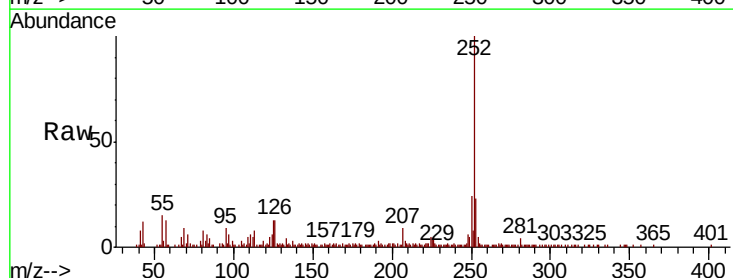
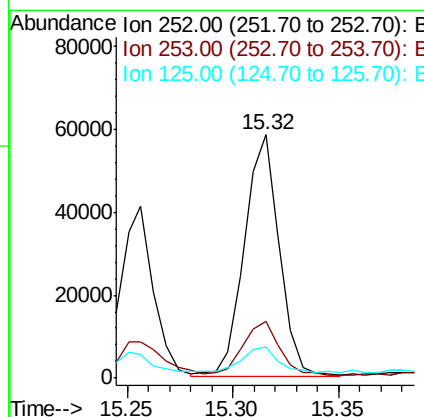
RT: 15.32 min Scan# 2249

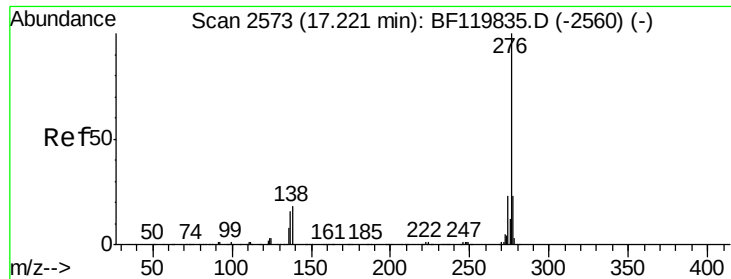
Delta R.T. 0.00 min

Lab File: BF119884.D

Acq: 9 Apr 2020 21:54

Tgt Ion:	252	Resp:	66235
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.4	26.2
125	12.8	8.3	12.5#





#92
 Benzo(a,h,i)perylene
 Concen: 2.417 ng
 RT: 17.21 min Scan# 2571
 Delta R.T. -0.01 min
 Lab File: BF119884.D
 Acq: 9 Apr 2020 21:54

Instrument :
 BNA_F
 ClientSampled :
 TR-05-040320

Tot Ion	Ion	Ratio	Resp	Lower	Upper
276	100		32206		
277	27.3	18.5		27.7	
138	21.3	14.6		22.0	

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