

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
 Data File : BF121168.D
 Acq On : 31 Jul 2020 19:57
 Operator : JU/CG
 Sample : L3518-47 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-13

Manual Integrations
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mohammad
 8/3/2020 12:23:01 PM

Quant Time: Aug 01 01:11:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	128286	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	483450	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	237660	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	411974	20.00	ng	0.00
76) Chrysene-d12	13.96	240	316897	20.00	ng	0.00
86) Perylene-d12	15.42	264	369180	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	115075	14.71	ng	-0.01
7) Phenol-d6	6.43	99	135705	13.42	ng	-0.02
23) Nitrobenzene-d5	7.35	82	92040	11.02	ng	-0.02
42) 2,4,6-Tribromophenol	10.62	330	35059	13.48	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	184538	11.59	ng	-0.01
79) Terphenyl-d14	12.90	244	149317	10.24	ng	0.00
Target Compounds						
49) Acenaphthylene	9.69	152	84599	3.684	ng	98
71) Phenanthrene	11.35	178	168892	7.971	ng	99
75) Fluoranthene	12.53	202	126536	5.388	ng	99
78) Pyrene	12.76	202	176675	7.886	ng	98
81) Benzo(a)anthracene	13.95	228	69716m	3.633	ng	
83) Chrysene	13.99	228	82010m	4.067	ng	
88) Benzo(b)fluoranthene	14.99	252	73943m	3.314	ng	
90) Benzo(a)pyrene	15.35	252	72089	3.541	ng	98
92) Benzo(g,h,i)perylene	17.27	276	64785	3.133	ng	97

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

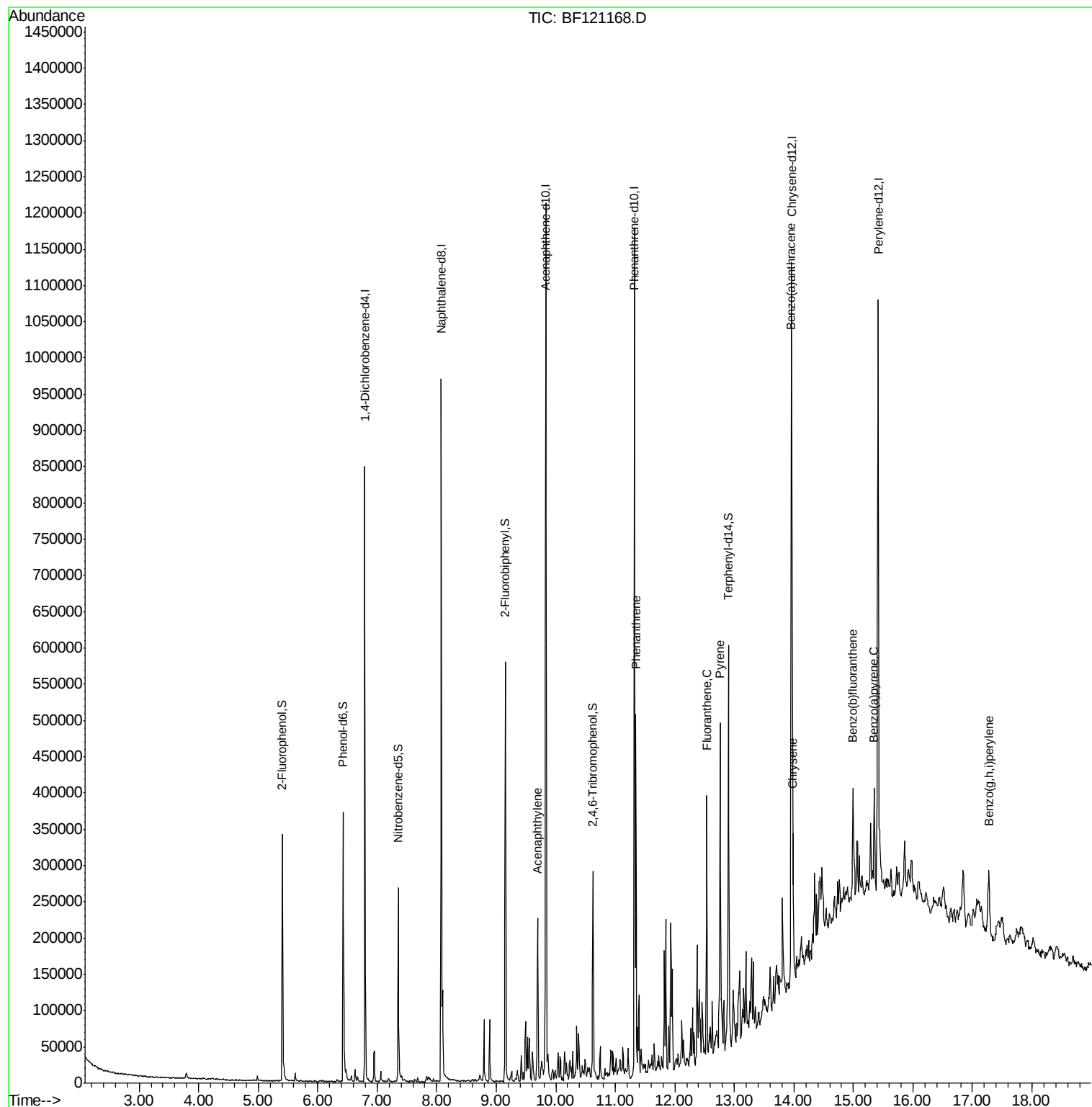
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
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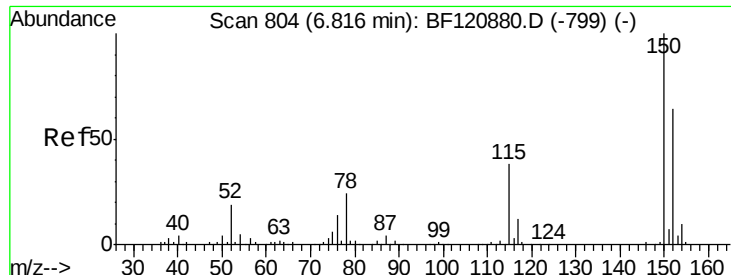
Instrument :
BNA_F
ClientSampled :
TP-13

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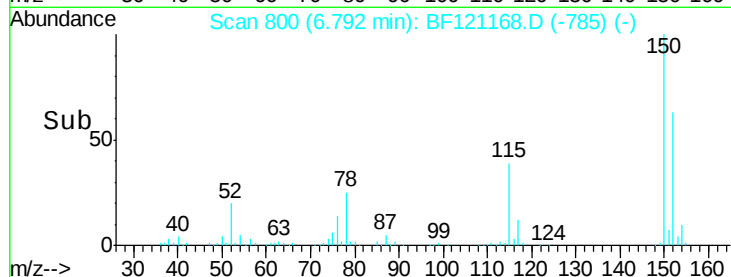
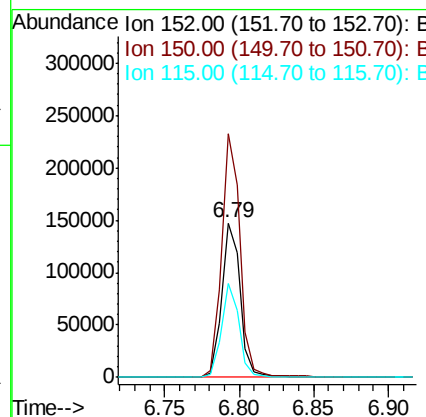
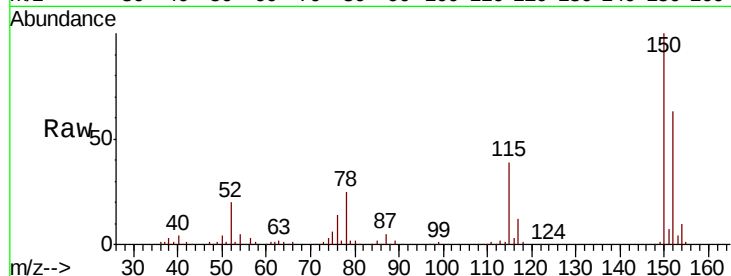
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF121168.D
 Acq: 31 Jul 2020 19:57

Instrument :
 BNA_F
 ClientSampled :
 TP-13

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	125.6	188.4
115	61.2	46.2	69.2

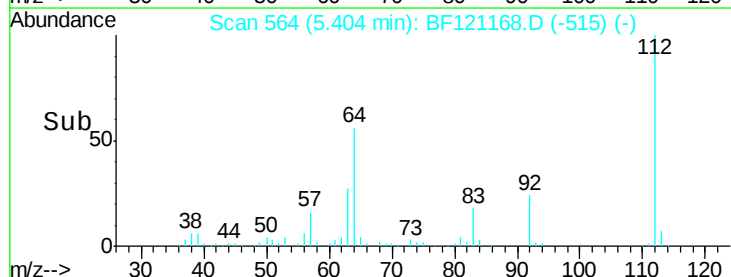
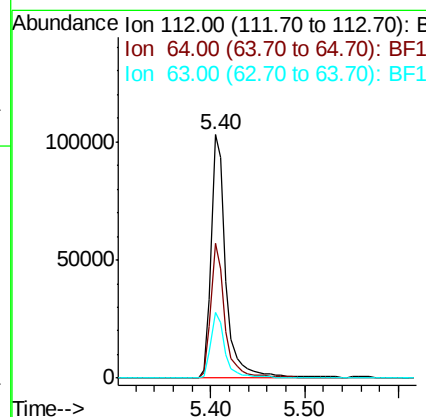
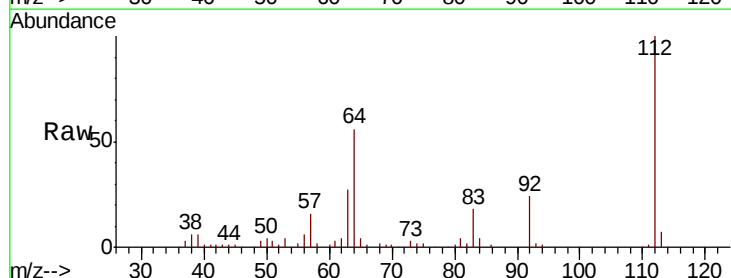
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#5
 2-Fluorophenol
 Concen: 14.705 ng
 RT: 5.40 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: BF121168.D
 Acq: 31 Jul 2020 19:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.5	43.9	65.9
63	27.0	22.7	34.1





#7

Phenol-d6

Concen: 13.425 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF121168.D

Acq: 31 Jul 2020 19:57

Instrument :

BNA_F

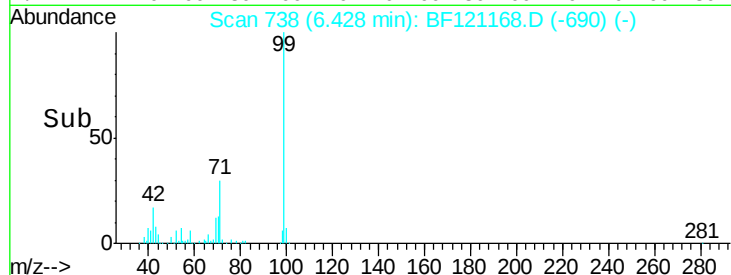
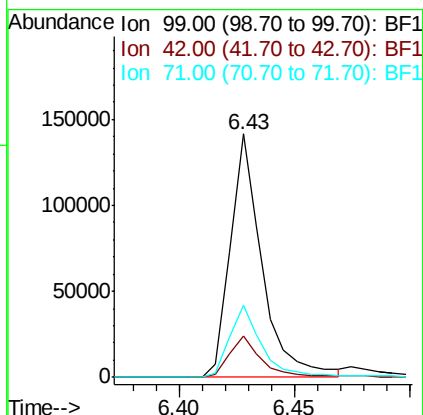
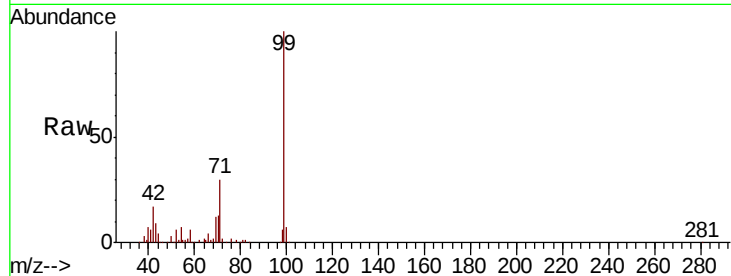
ClientSampleId :

TP-13

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		135705		
42	16.8	13.5	20.3		
71	29.7	25.0	37.4		

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#21

Naphthalene-d8

Concen: 20.000 ng

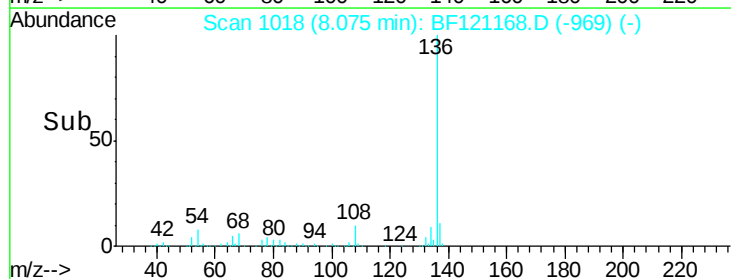
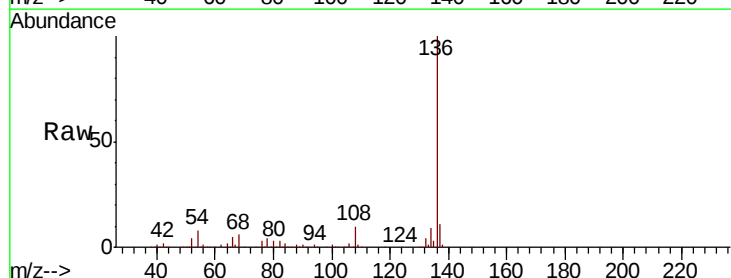
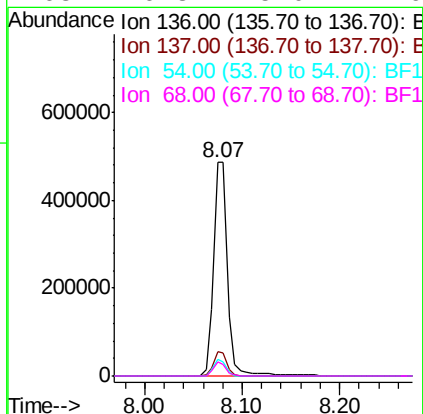
RT: 8.07 min Scan# 1018

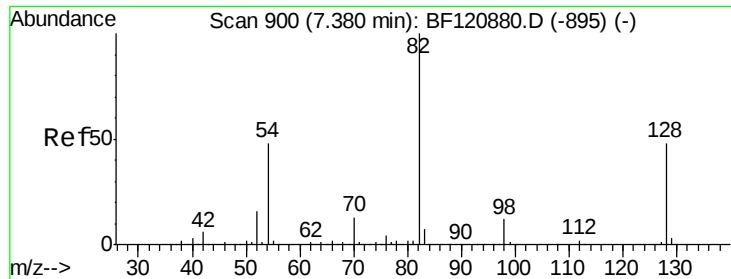
Delta R.T. -0.01 min

Lab File: BF121168.D

Acq: 31 Jul 2020 19:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		483450		
137	11.4	9.0	13.4		
54	7.6	6.1	9.1		
68	6.3	5.0	7.6		





#23

Nitrobenzene-d5

Concen: 11.016 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.02 min

Lab File: BF121168.D

Acq: 31 Jul 2020 19:57

Instrument :

BNA_F

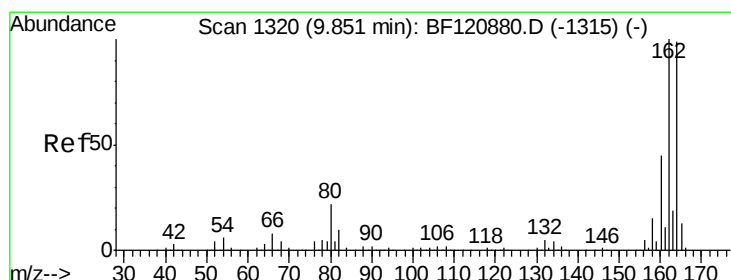
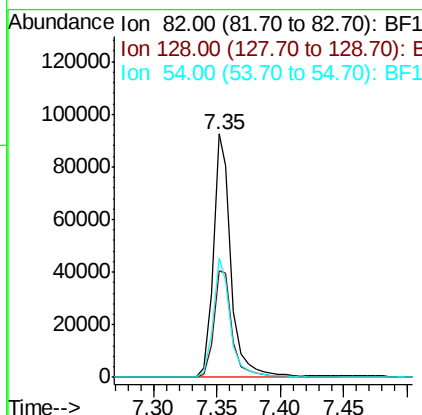
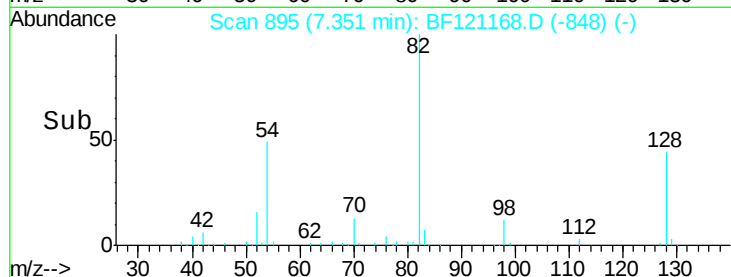
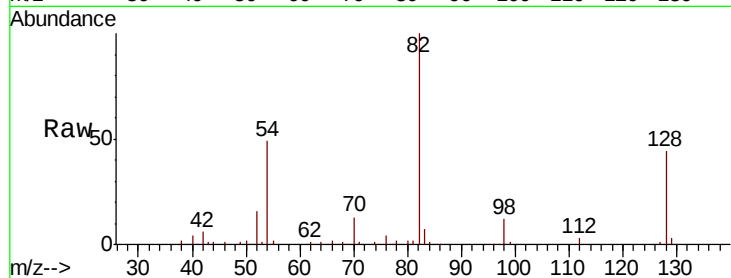
ClientSampled :

TP-13

Tot Ion:	82	Resp:	92040
Ion Ratio	Lower	Upper	
82	100		
128	44.0	39.2	58.8
54	49.3	37.8	56.8

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#39

Acenaphthene-d10

Concen: 20.000 ng

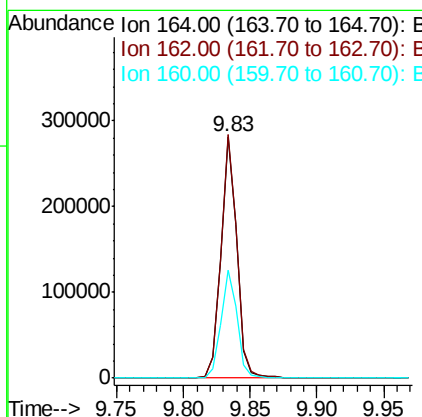
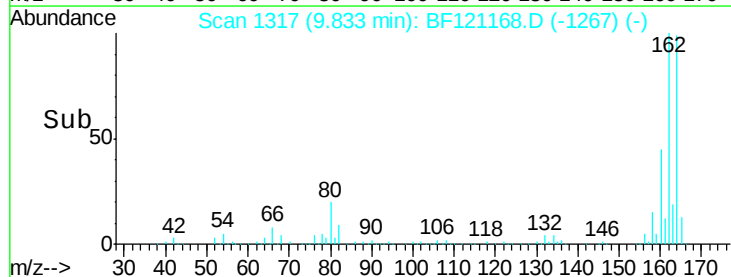
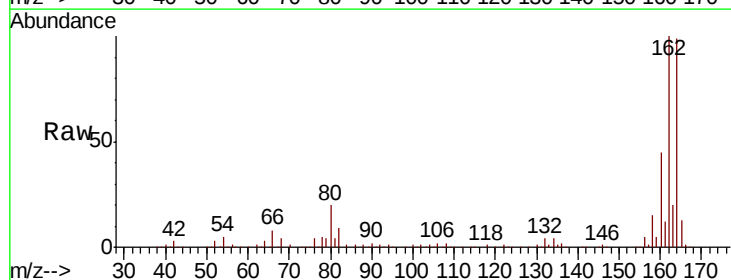
RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF121168.D

Acq: 31 Jul 2020 19:57

Tgt Ion:	164	Resp:	237660
Ion Ratio	Lower	Upper	
164	100		
162	100.9	82.2	123.2
160	45.0	37.2	55.8





#42

2,4,6-Tribromophenol

Concen: 13.477 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF121168.D

Acq: 31 Jul 2020 19:57

Instrument :

BNA_F

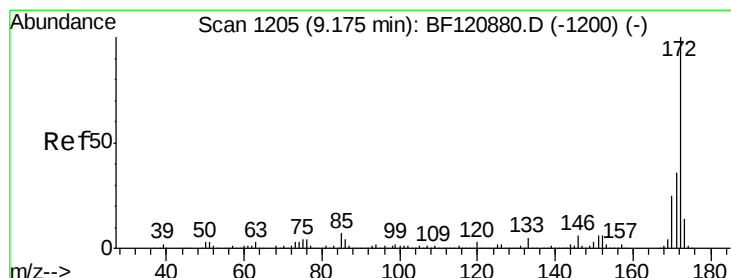
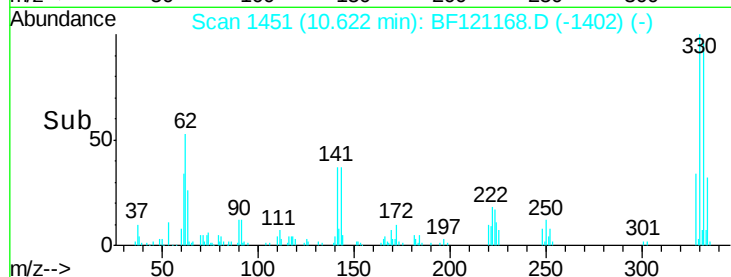
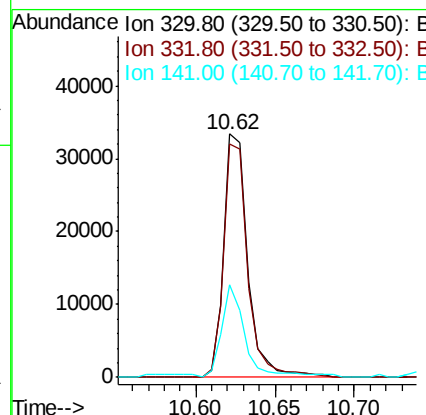
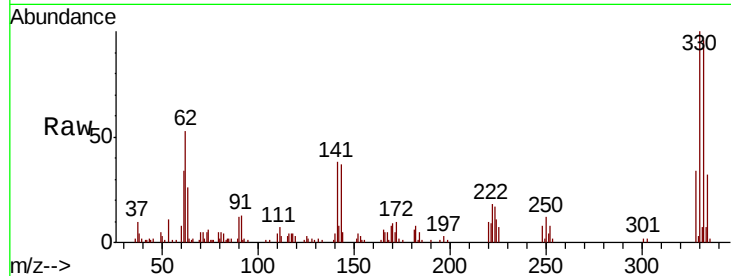
ClientSampled :

TP-13

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.1	114.1
141	37.4	24.1	36.1#

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#45

2-Fluorobiphenyl

Concen: 11.593 ng

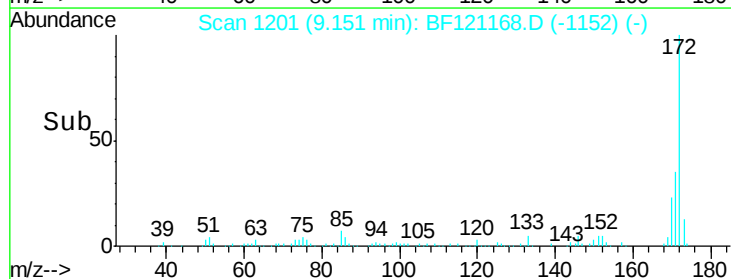
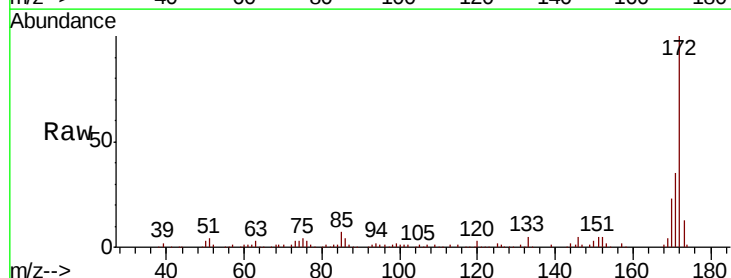
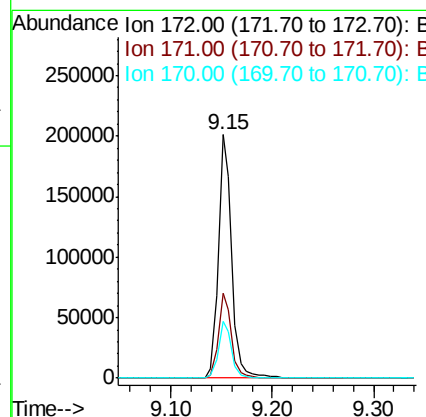
RT: 9.15 min Scan# 1201

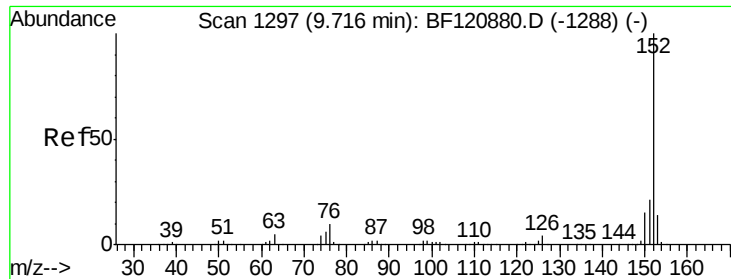
Delta R.T. -0.01 min

Lab File: BF121168.D

Acq: 31 Jul 2020 19:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.0	43.4
170	23.2	19.6	29.4





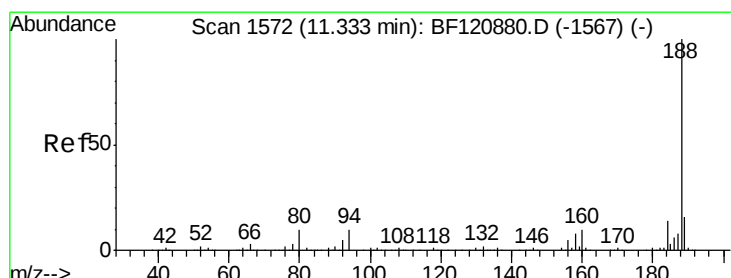
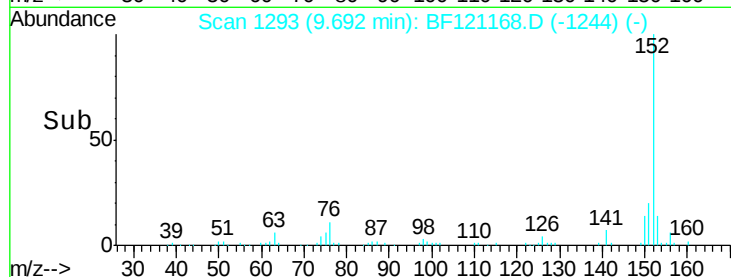
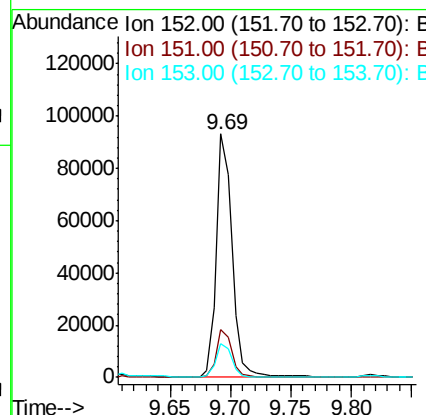
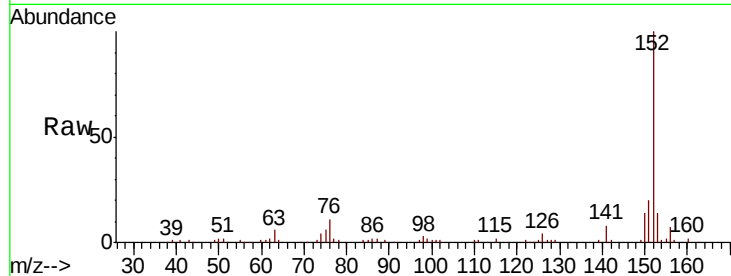
#49
Acenaphthylene
Concen: 3.684 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF121168.D
Acq: 31 Jul 2020 19:57

Instrument :
BNA_F
ClientSampleId :
TP-13

Tot Ion:	152	Resp:	84599
Ion Ratio	Lower	Upper	
152	100		
151	19.8	16.6	25.0
153	14.0	11.0	16.4

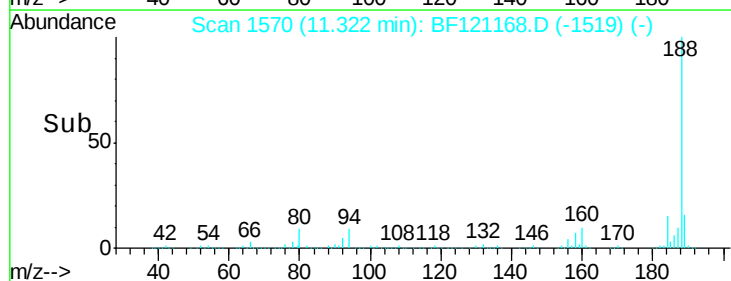
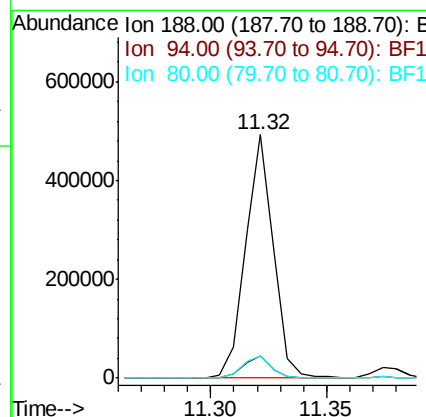
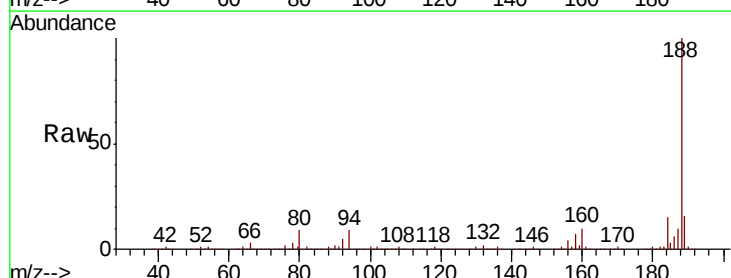
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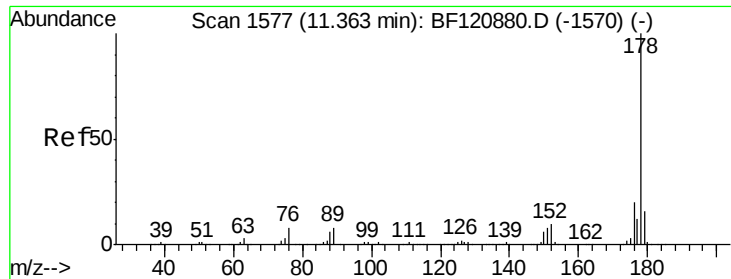
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF121168.D
Acq: 31 Jul 2020 19:57

Tgt Ion:	188	Resp:	411974
Ion Ratio	Lower	Upper	
188	100		
94	9.3	8.0	12.0
80	9.4	8.3	12.5





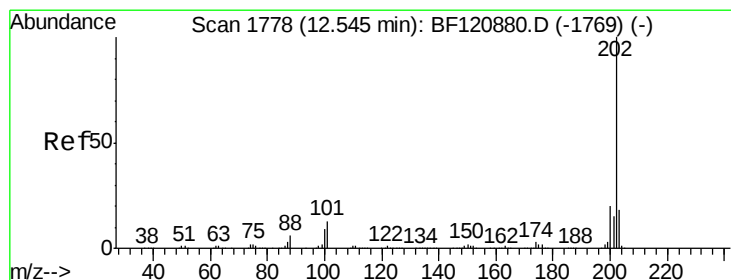
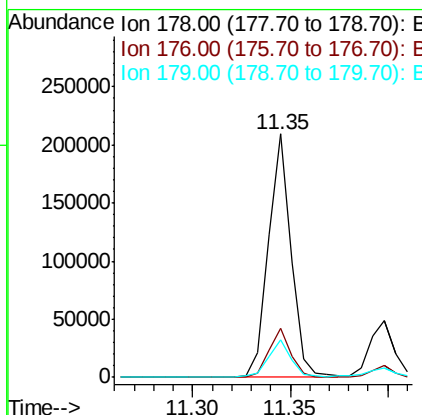
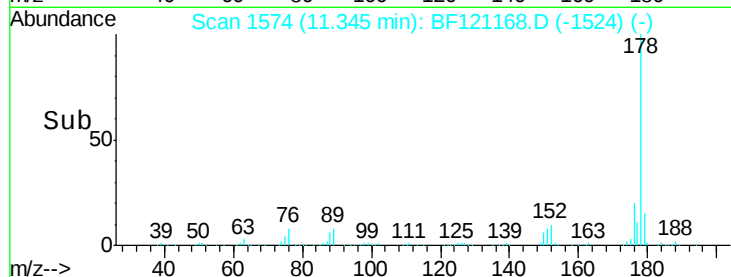
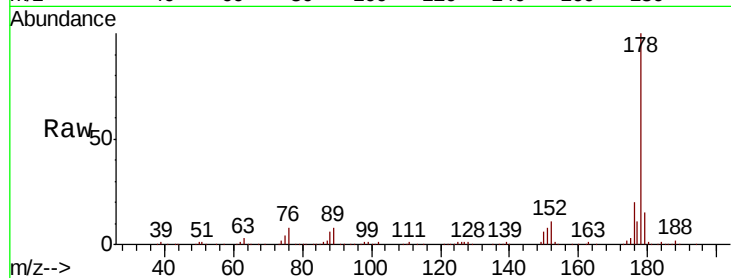
#71
Phenanthrene
Concen: 7.971 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF121168.D
Acq: 31 Jul 2020 19:57

Instrument :
BNA_F
ClientSampled :
TP-13

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.2	24.2
179	15.5	12.6	19.0

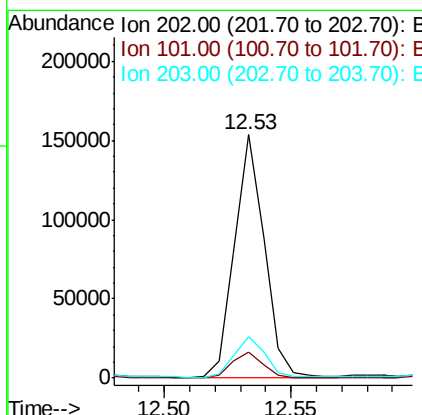
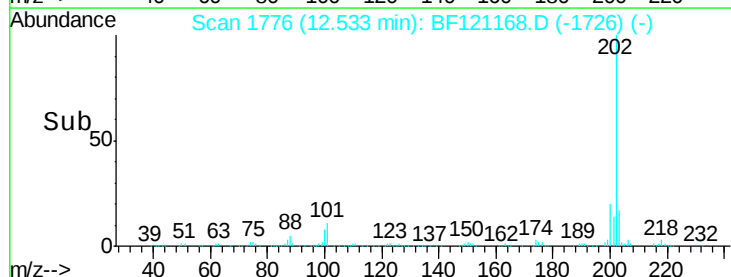
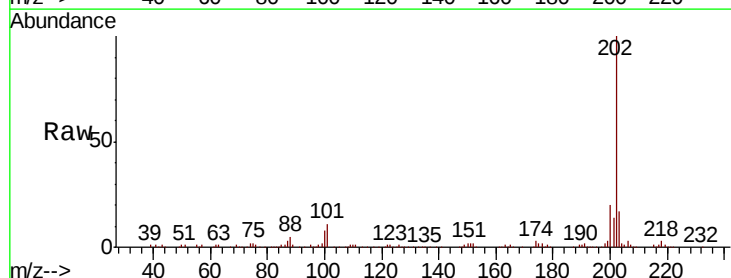
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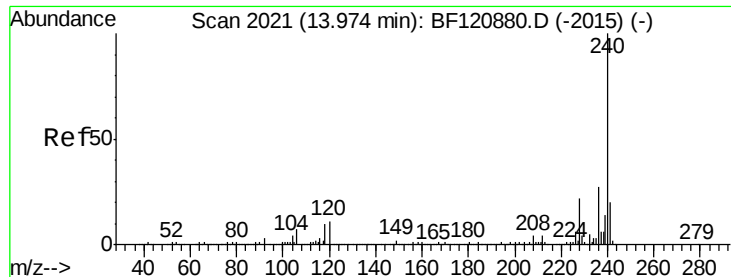
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#75
Fluoranthene
Concen: 5.388 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BF121168.D
Acq: 31 Jul 2020 19:57

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	30.5
203	17.0	0.0	37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BF121168.D

Acq: 31 Jul 2020 19:57

Instrument :

BNA_F

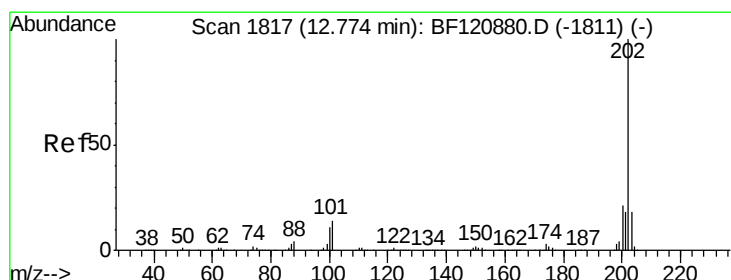
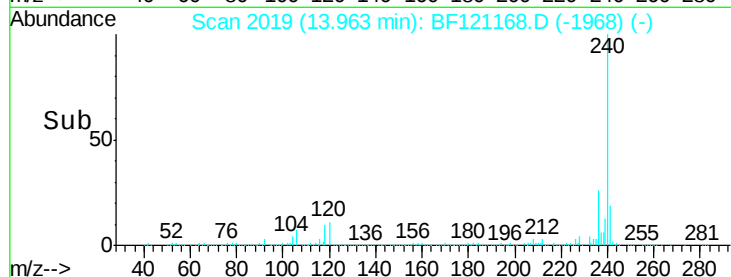
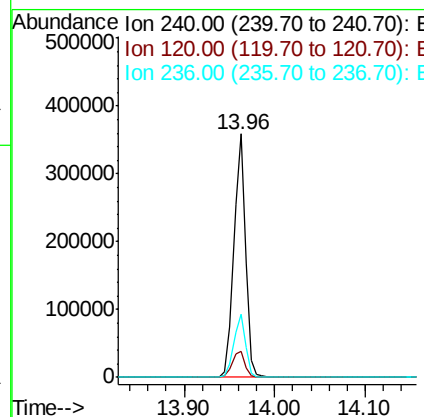
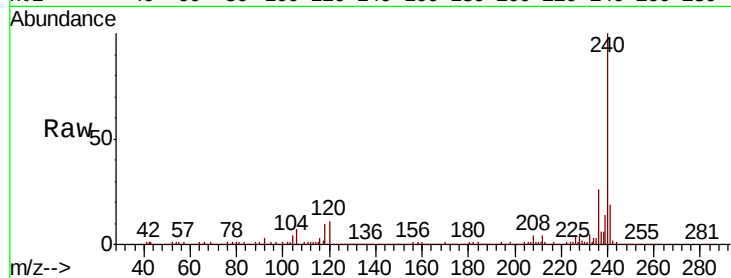
ClientSampleId :

TP-13

Tot Ion:	240	Resp:	316897
Ion Ratio		Lower	Upper
240	100		
120	10.9	9.3	13.9
236	26.2	21.1	31.7

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#78

Pyrene

Concen: 7.886 ng

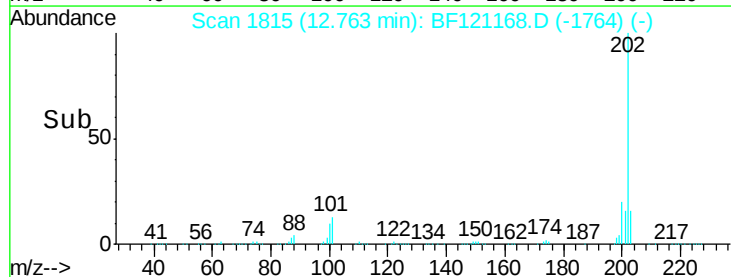
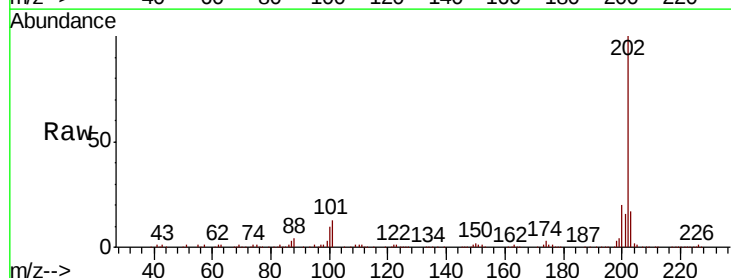
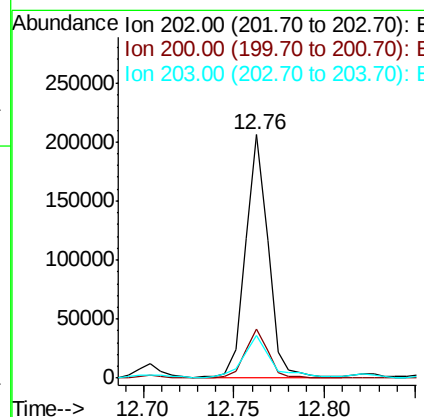
RT: 12.76 min Scan# 1815

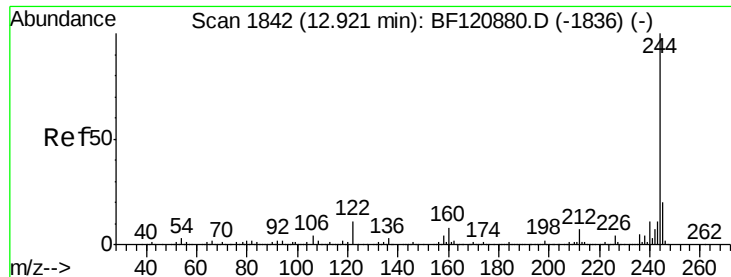
Delta R.T. -0.00 min

Lab File: BF121168.D

Acq: 31 Jul 2020 19:57

Tgt Ion:	202	Resp:	176675
Ion Ratio		Lower	Upper
202	100		
200	20.2	17.0	25.6
203	17.5	14.6	21.8





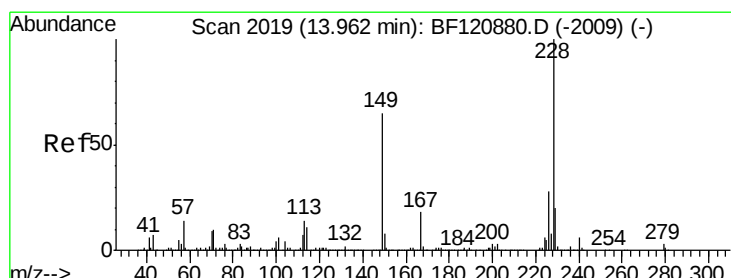
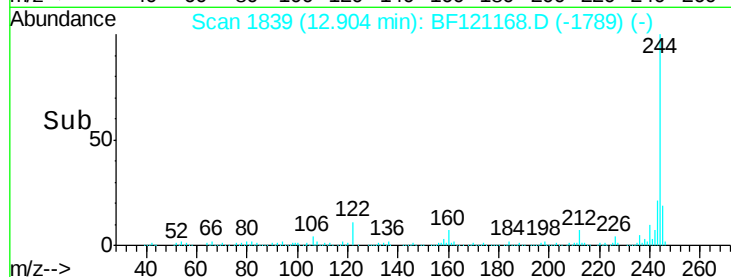
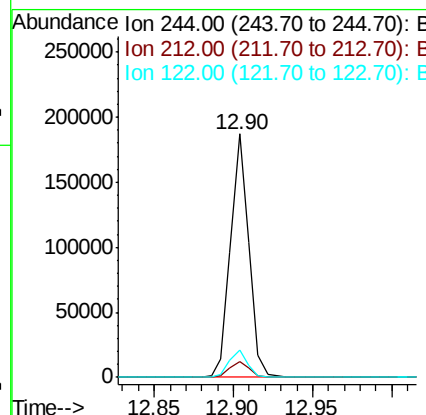
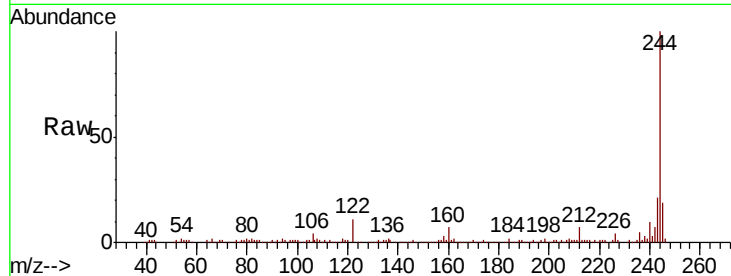
#79
 Terphenyl-d14
 Concen: 10.243 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF121168.D
 Acq: 31 Jul 2020 19:57

Instrument :
 BNA_F
 ClientSampled :
 TP-13

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	11.1	8.3	12.5

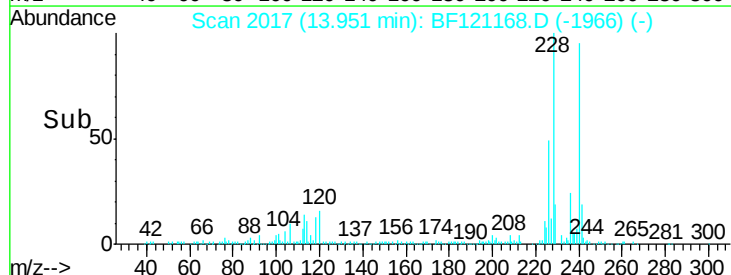
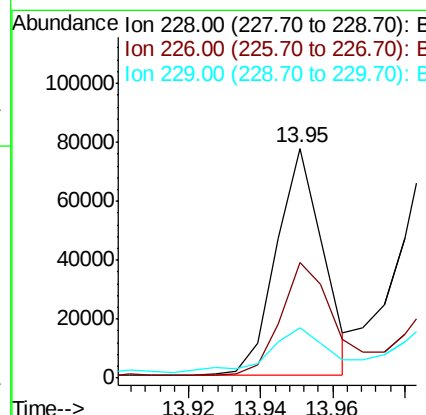
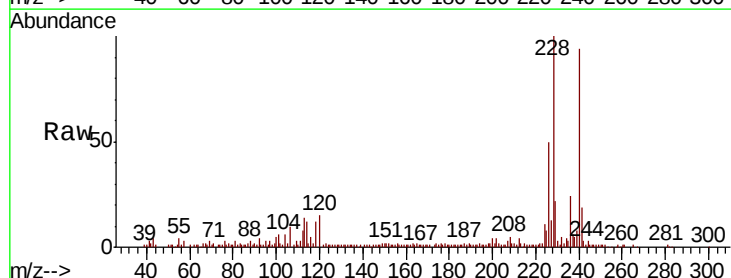
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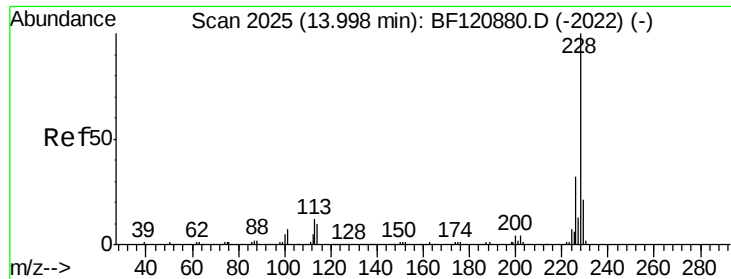
mohammad
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#81
 Benzo(a)anthracene
 Concen: 3.633 ng m
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.00 min
 Lab File: BF121168.D
 Acq: 31 Jul 2020 19:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	50.2	22.6	34.0#
229	22.1	16.1	24.1





#83

Chrysene

Concen: 4.067 ng/mL

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF121168.D

Acq: 31 Jul 2020 19:57

Instrument :

BNA_F

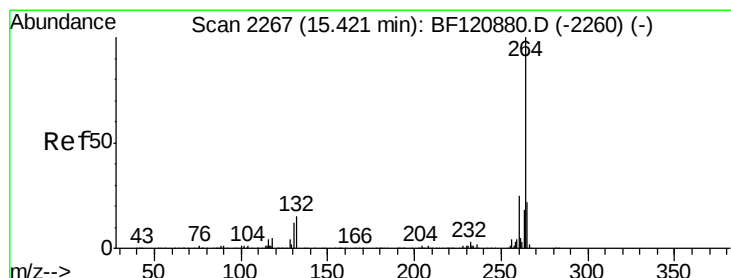
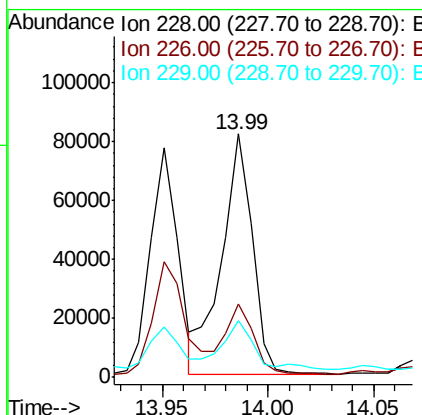
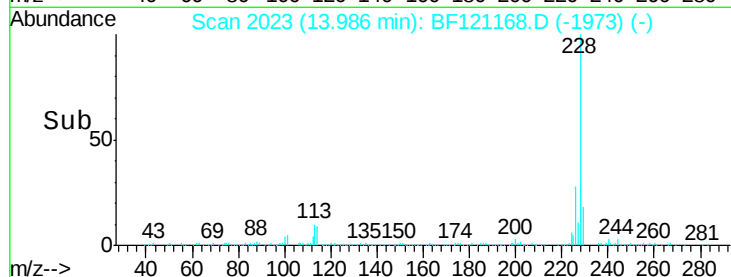
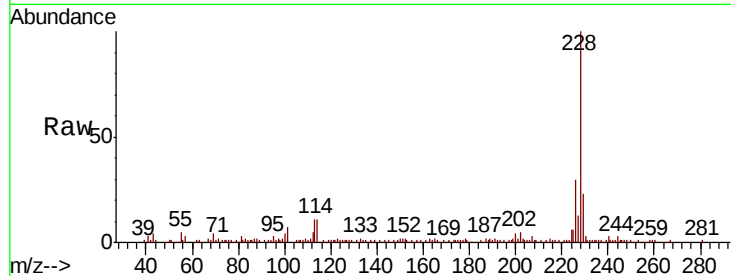
ClientSampleId :

TP-13

Tot Ion:	228	Resp:	82010
Ion Ratio	Lower	Upper	
228	100		
226	30.0	25.4	38.0
229	23.1	16.2	24.4

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#86

Perylene-d12

Concen: 20.000 ng/mL

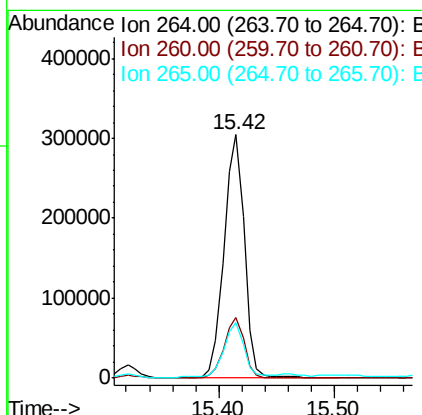
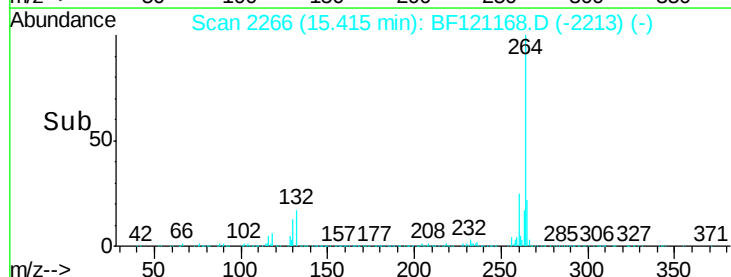
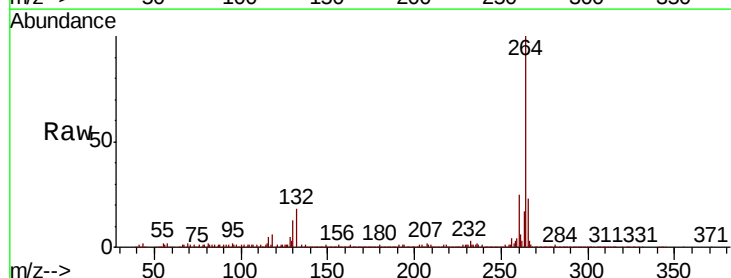
RT: 15.42 min Scan# 2266

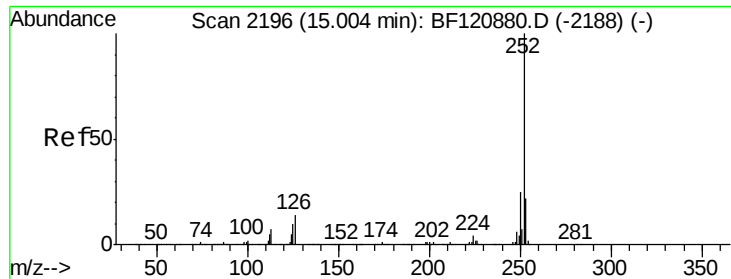
Delta R.T. 0.01 min

Lab File: BF121168.D

Acq: 31 Jul 2020 19:57

Tgt Ion:	264	Resp:	369180
Ion Ratio	Lower	Upper	
264	100		
260	25.1	19.9	29.9
265	22.6	17.8	26.8





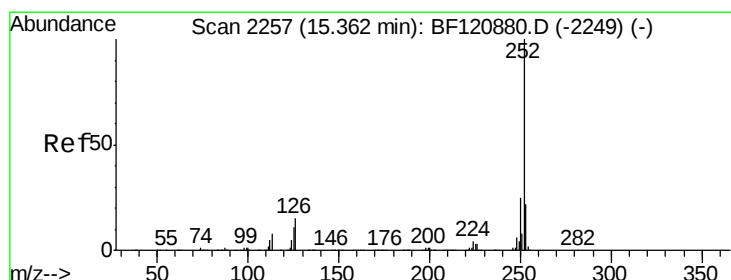
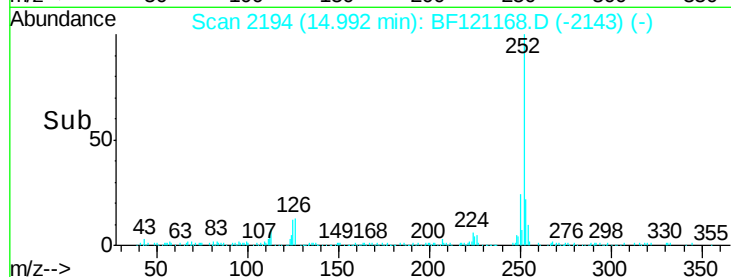
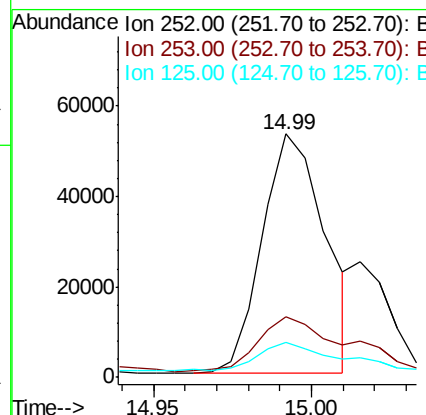
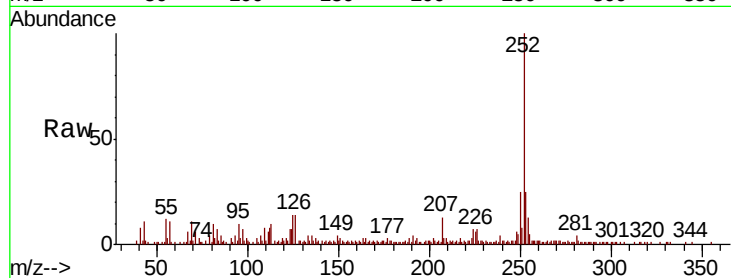
#88
Benzo(b)fluoranthene
Concen: 3.314 ng m
RT: 14.99 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BF121168.D
Acq: 31 Jul 2020 19:57

Instrument :
BNA_F
ClientSampleId :
TP-13

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.9	26.9
125	14.4	8.1	12.1

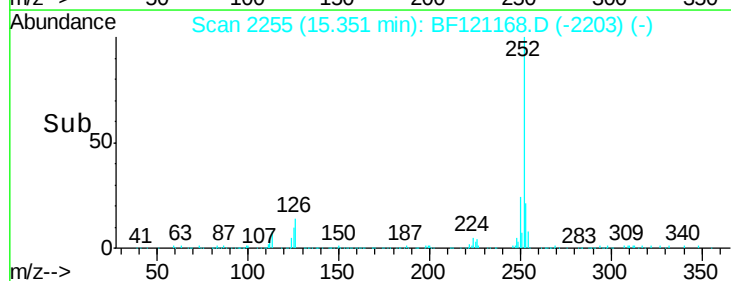
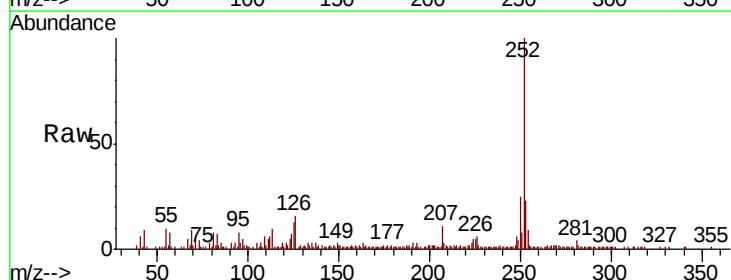
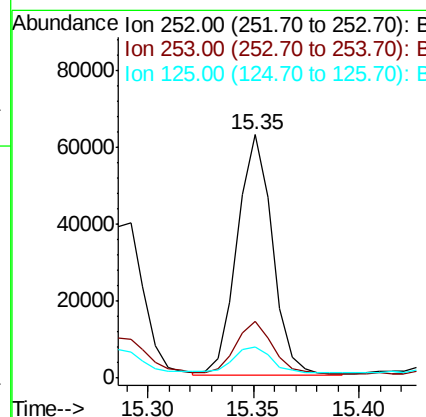
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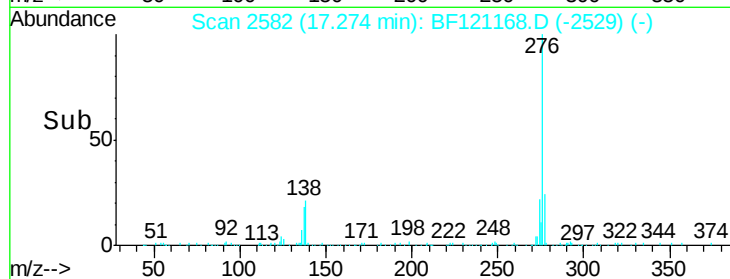
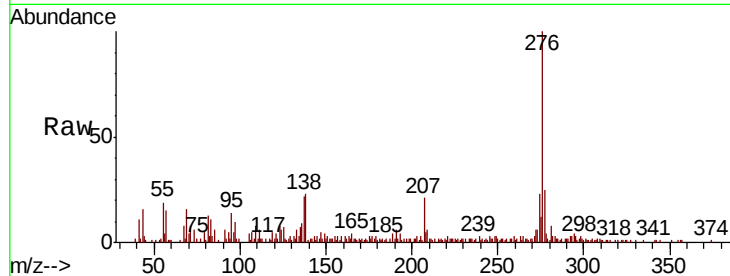
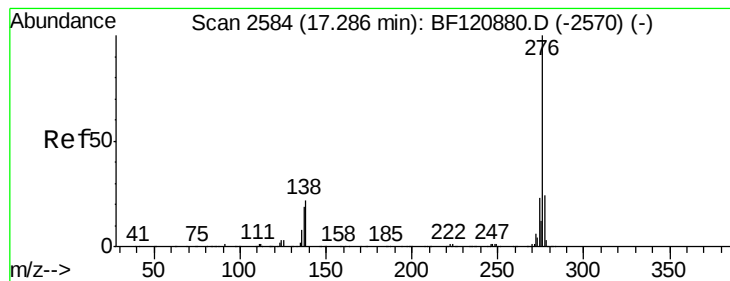
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#90
Benzo(a)pyrene
Concen: 3.541 ng
RT: 15.35 min Scan# 2255
Delta R.T. 0.01 min
Lab File: BF121168.D
Acq: 31 Jul 2020 19:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	12.8	9.5	14.3





#92

Benzo(a,h,i)perylene

Concen: 3.133 ng

RT: 17.27 min Scan# 2582

Delta R.T. 0.01 min

Lab File: BF121168.D

Acq: 31 Jul 2020 19:57

Tot Ion:	276	Resp:	64785
Ion Ratio	Lower	Upper	
276	100		
277	25.3	19.4	29.0
138	23.4	17.2	25.8

Instrument :

BNA_F

ClientSampleId :

TP-13

Manual Integrations
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