

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081720\
 Data File : BF121314.D
 Acq On : 17 Aug 2020 17:20
 Operator : JU/CG
 Sample : L3508-19 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-08-081420

Manual Integrations
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Quant Time: Aug 17 17:54:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 10:52:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	91630	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	362953	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	183549	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	344779	20.00	ng	0.00
76) Chrysene-d12	13.86	240	261258	20.00	ng	0.00
86) Perylene-d12	15.27	264	286280	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	62167	10.29	ng	0.00
7) Phenol-d6	6.34	99	95723	12.29	ng	0.00
23) Nitrobenzene-d5	7.26	82	69272	10.43	ng	-0.01
42) 2,4,6-Tribromophenol	10.53	330	16167	7.15	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	150571	11.35	ng	0.00
79) Terphenyl-d14	12.80	244	146789	10.95	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.46	163	32289	2.338	ng	98
78) Pyrene	12.66	202	45856	2.357	ng	98
81) Benzo(a)anthracene	13.84	228	43242	2.440	ng	# 87
83) Chrysene	13.88	228	36986	2.044	ng	97
88) Benzo(b)fluoranthene	14.87	252	64988m	3.388	ng	
90) Benzo(a)pyrene	15.21	252	43553	2.516	ng	# 92

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

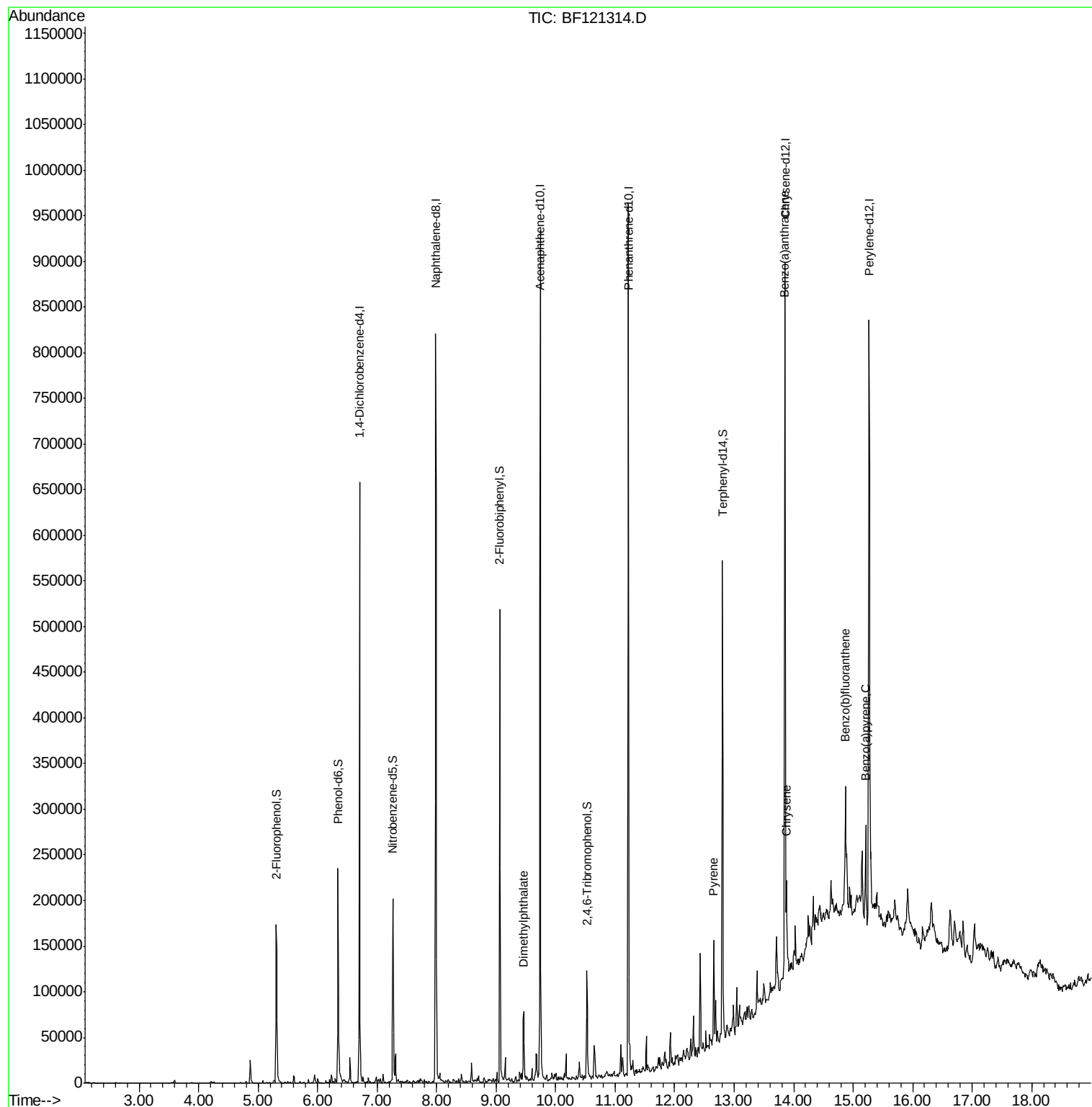
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081720\
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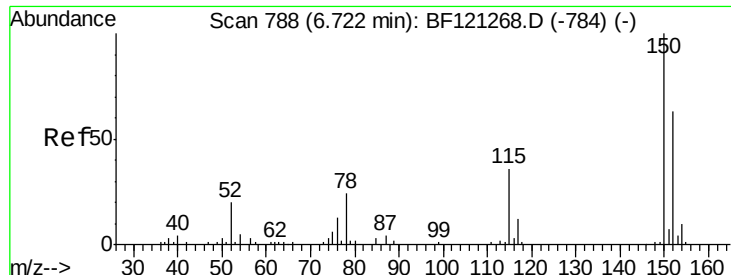
Instrument :
BNA_F
ClientSampleId :
TR-08-081420

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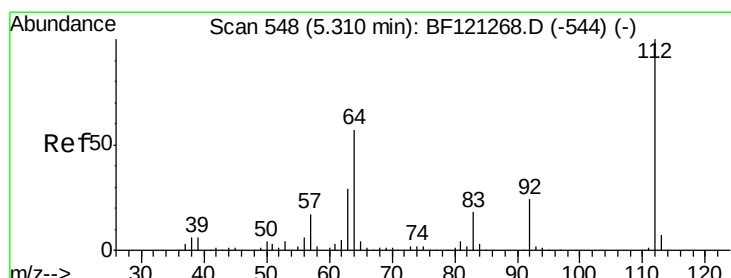
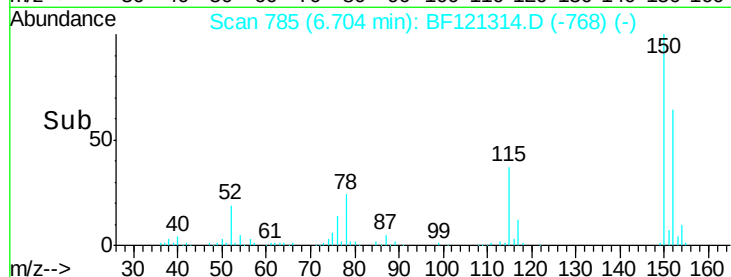
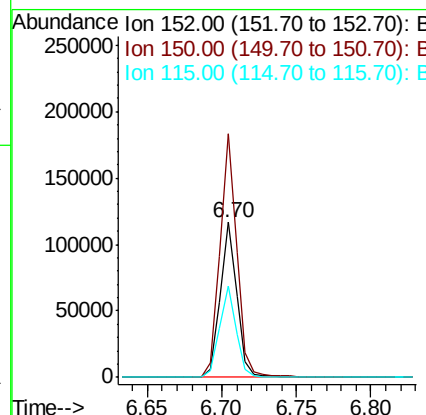
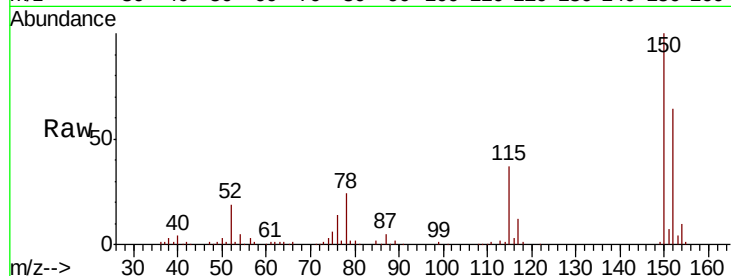
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BF121314.D
 Acq: 17 Aug 2020 17:20

Instrument :
 BNA_F
 ClientSampleId :
 TR-08-081420

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	123.9	185.9
115	58.6	47.3	70.9

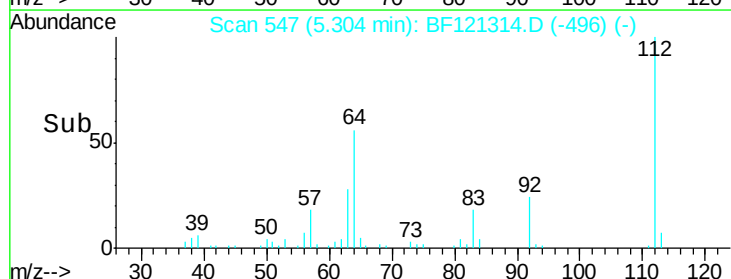
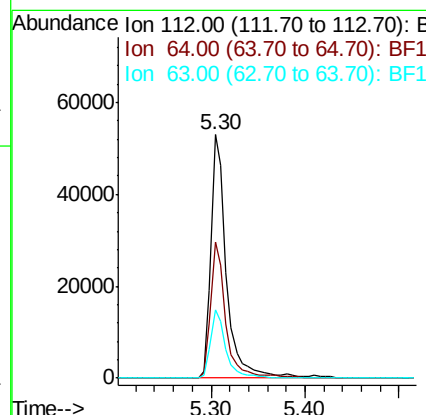
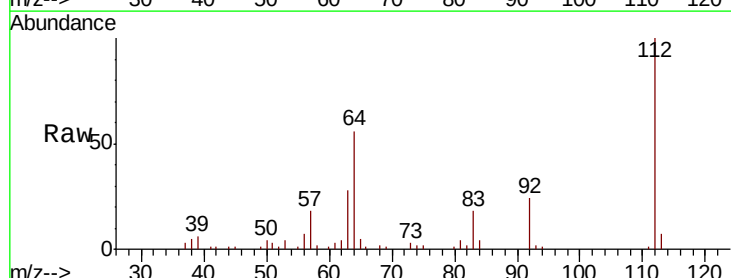
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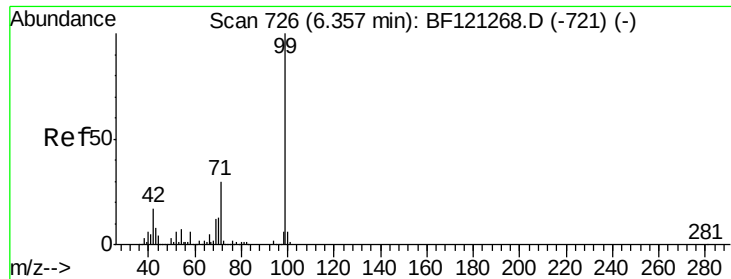
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#5
 2-Fluorophenol
 Concen: 10.286 ng
 RT: 5.30 min Scan# 547
 Delta R.T. -0.00 min
 Lab File: BF121314.D
 Acq: 17 Aug 2020 17:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	42.9	64.3
63	28.2	22.2	33.2





#7

Phenol-d6

Concen: 12.290 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF121314.D

Acq: 17 Aug 2020 17:20

Instrument :

BNA_F

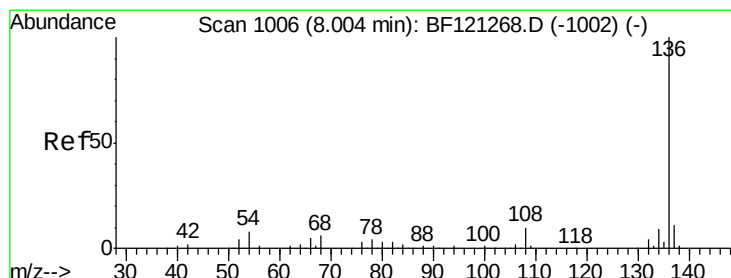
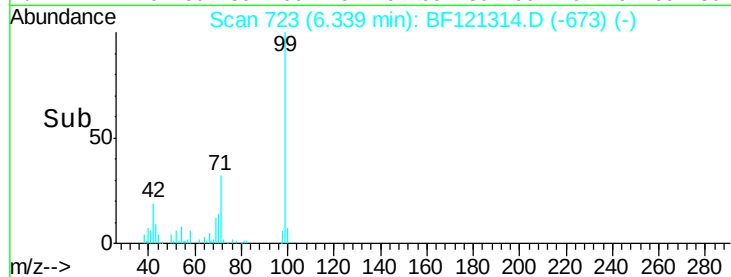
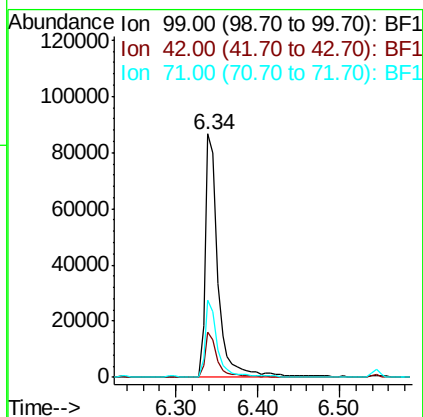
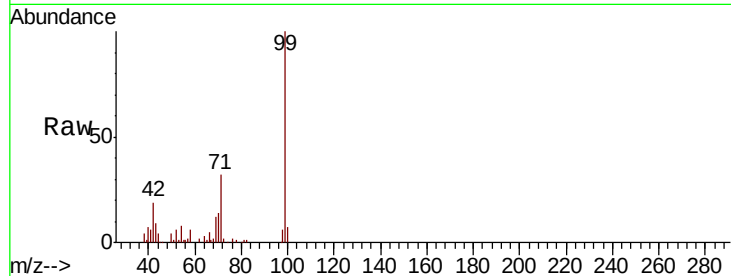
ClientSampleId :

TR-08-081420

Tot Ion:	99	Resp:	95723
Ion Ratio	Lower	Upper	
99	100		
42	18.6	13.8	20.8
71	31.9	24.8	37.2

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#21

Naphthalene-d8

Concen: 20.000 ng

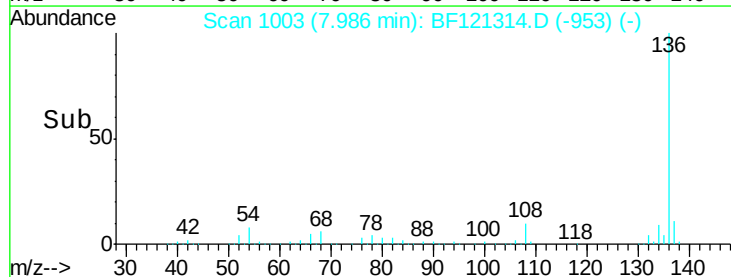
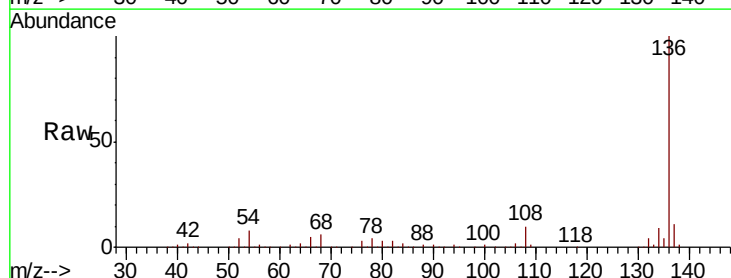
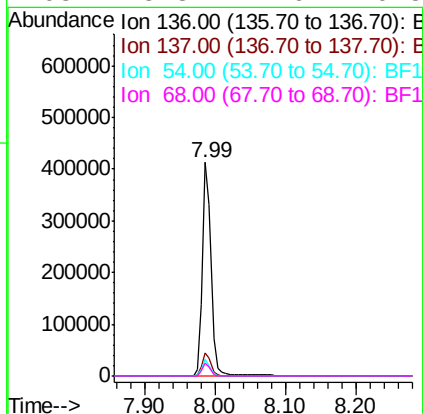
RT: 7.99 min Scan# 1003

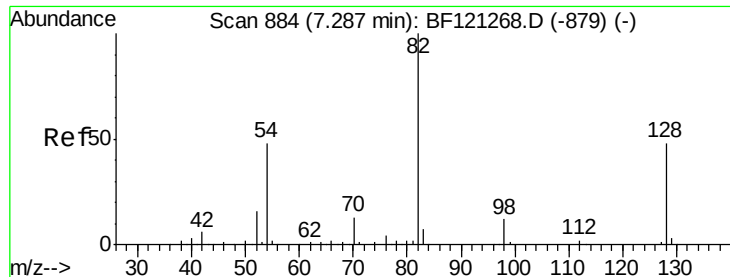
Delta R.T. -0.01 min

Lab File: BF121314.D

Acq: 17 Aug 2020 17:20

Tgt Ion:	136	Resp:	362953
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	13.0
54	7.7	5.4	8.2
68	5.8	4.6	6.8





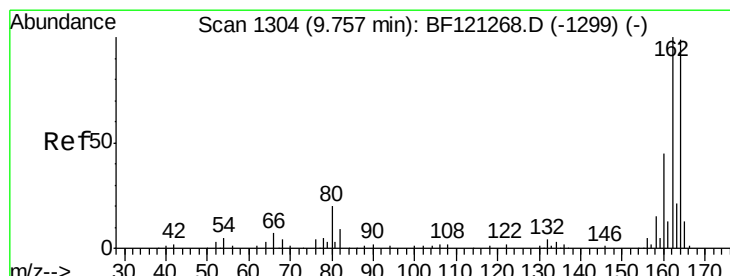
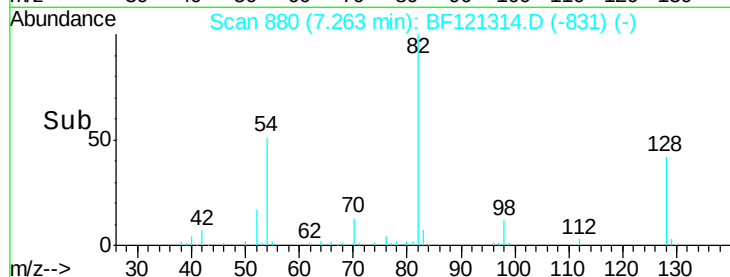
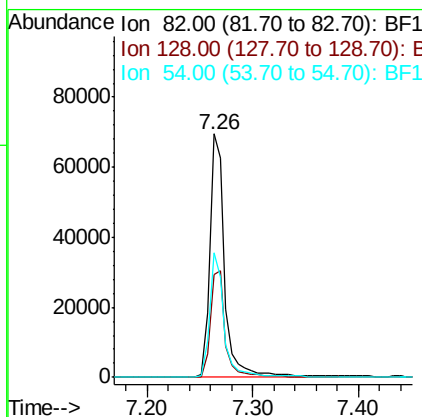
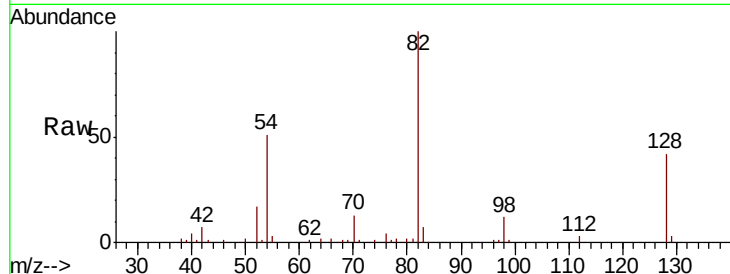
#23
Nitrobenzene-d5
Concen: 10.431 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF121314.D
Acq: 17 Aug 2020 17:20

Instrument :
BNA_F
ClientSampleId :
TR-08-081420

Tot Ion:	82	Resp:	69272
Ion Ratio	Lower	Upper	
82	100		
128	42.2	38.2	57.2
54	51.4	38.2	57.4

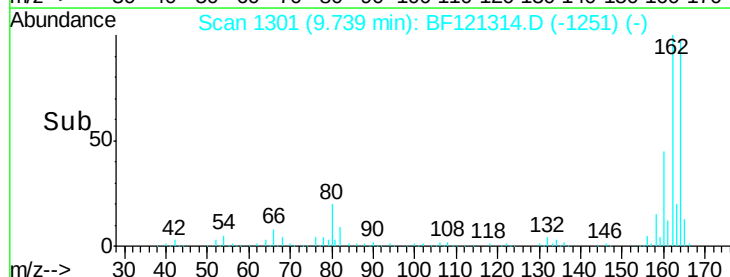
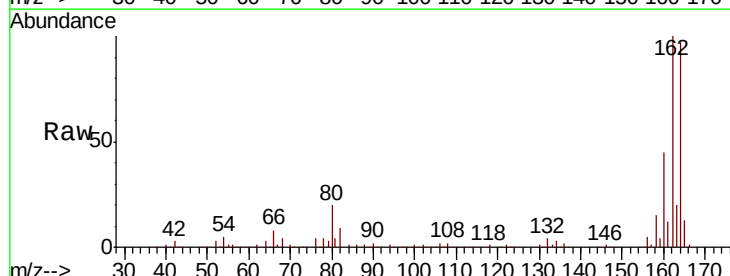
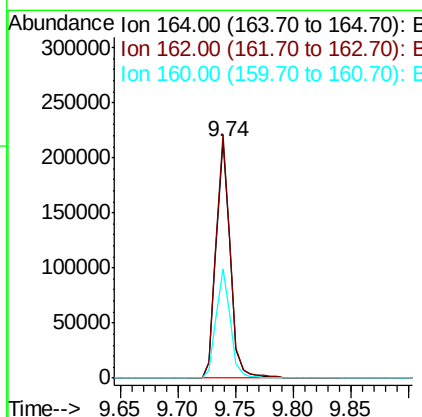
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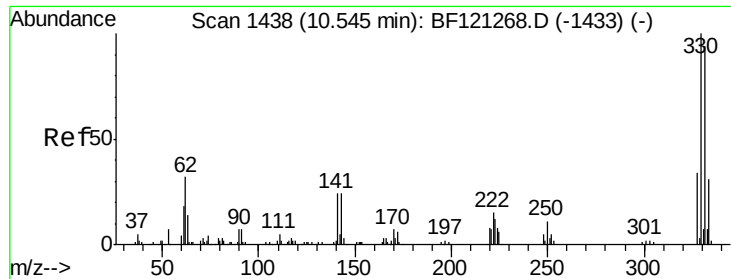
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF121314.D
Acq: 17 Aug 2020 17:20

Tgt Ion:	164	Resp:	183549
Ion Ratio	Lower	Upper	
164	100		
162	102.8	80.2	120.2
160	46.2	36.5	54.7





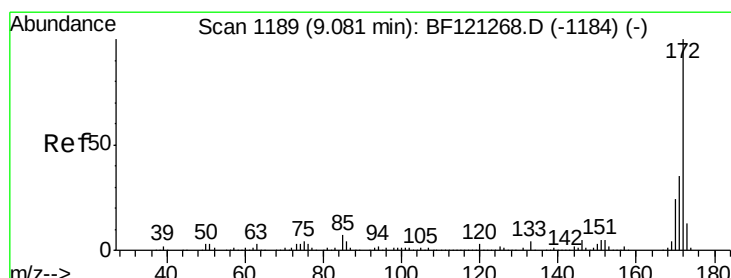
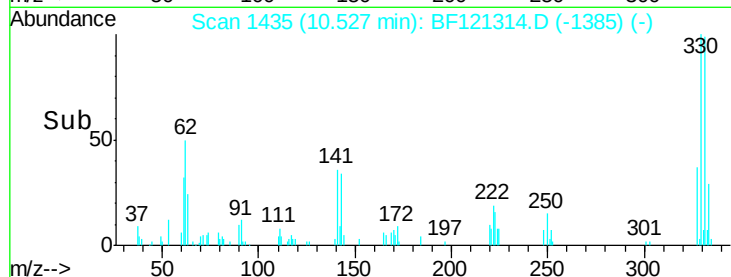
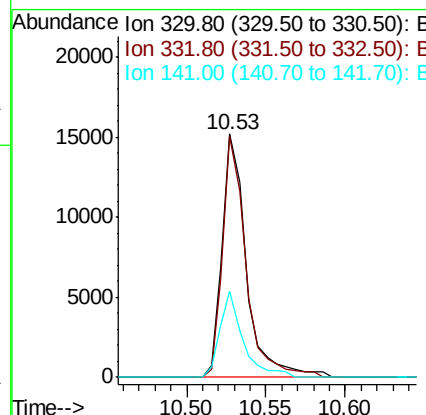
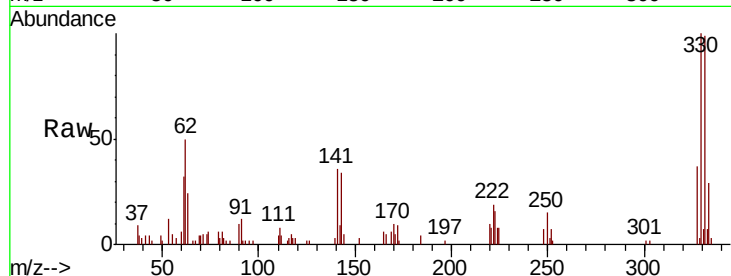
#42
 2,4,6-Tribromophenol
 Concen: 7.154 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF121314.D
 Acq: 17 Aug 2020 17:20

Instrument :
 BNA_F
 ClientSampleId :
 TR-08-081420

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.4	116.0
141	33.8	24.2	36.4

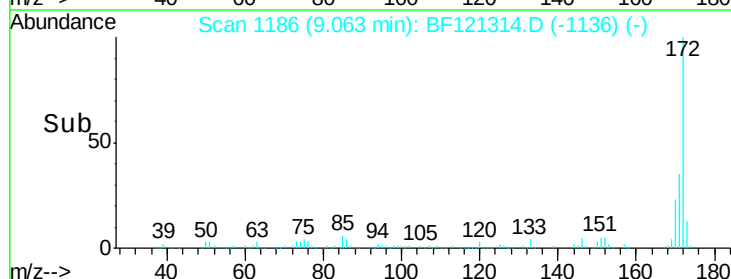
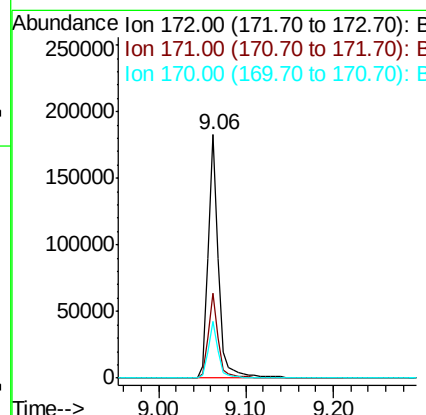
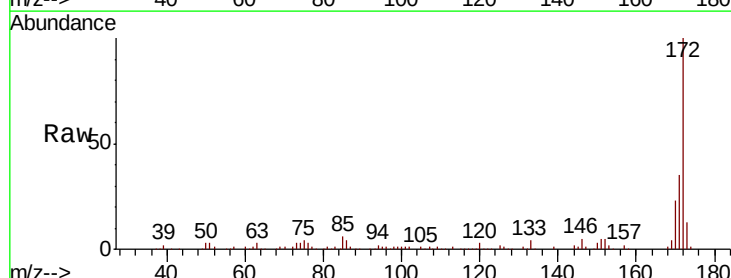
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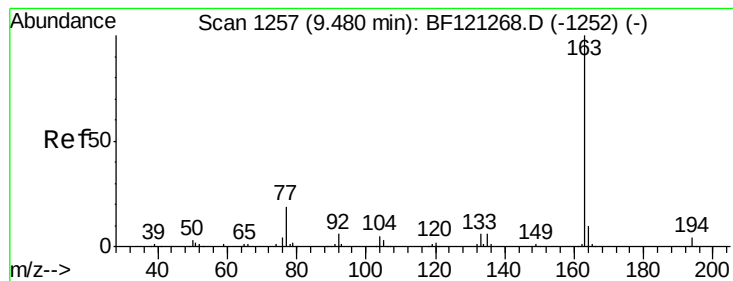
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#45
 2-Fluorobiphenyl
 Concen: 11.348 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF121314.D
 Acq: 17 Aug 2020 17:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.8	43.2
170	23.3	19.3	28.9





#50

Dimethylphthalate

Concen: 2.338 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF121314.D

Acq: 17 Aug 2020 17:20

Instrument :

BNA_F

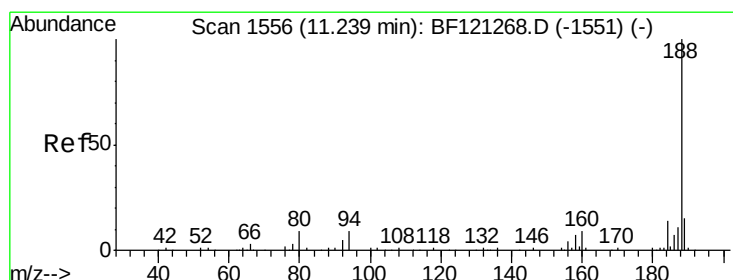
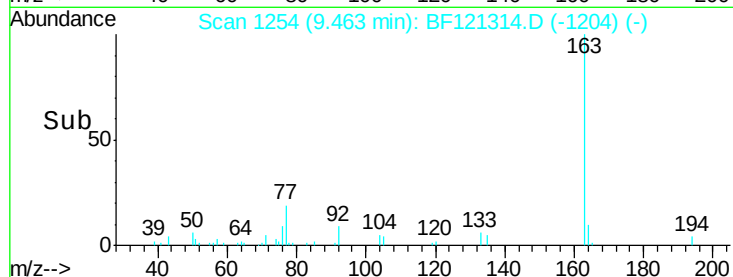
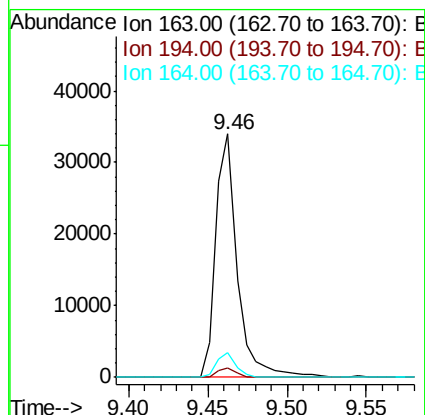
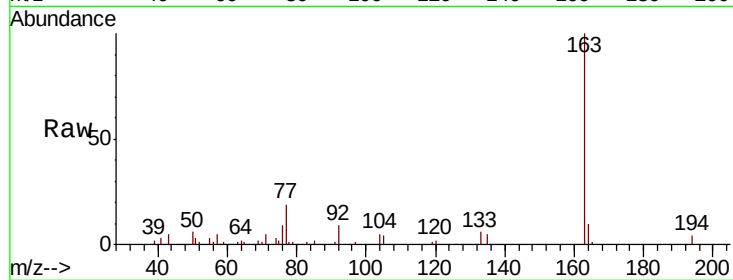
ClientSampleId :

TR-08-081420

Tot Ion:	163	Resp:	32289
Ion Ratio	Lower	Upper	
163	100		
194	4.1	2.9	4.3
164	9.9	8.4	12.6

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#64

Phenanthrene-d10

Concen: 20.000 ng

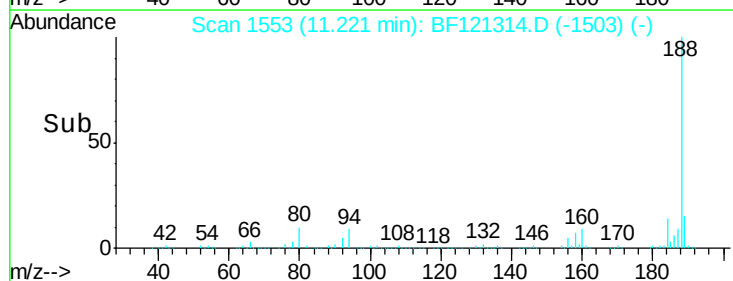
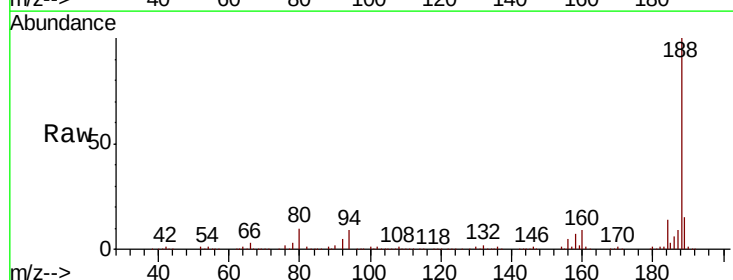
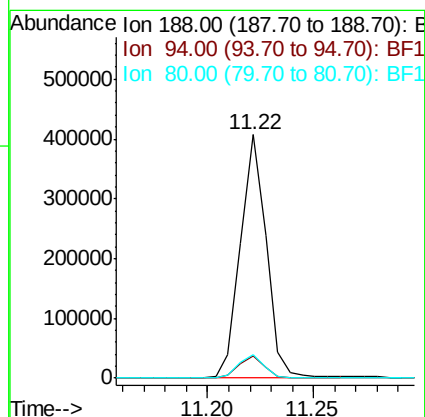
RT: 11.22 min Scan# 1553

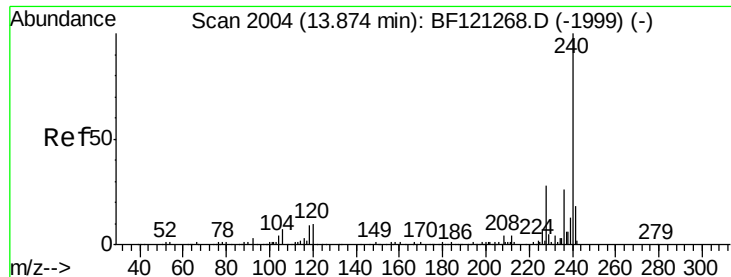
Delta R.T. -0.01 min

Lab File: BF121314.D

Acq: 17 Aug 2020 17:20

Tgt Ion:	188	Resp:	344779
Ion Ratio	Lower	Upper	
188	100		
94	9.1	6.4	9.6
80	9.7	7.0	10.4





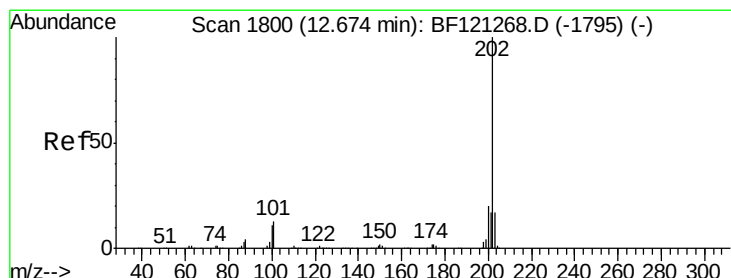
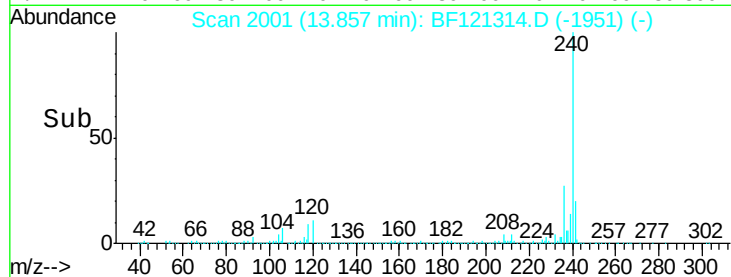
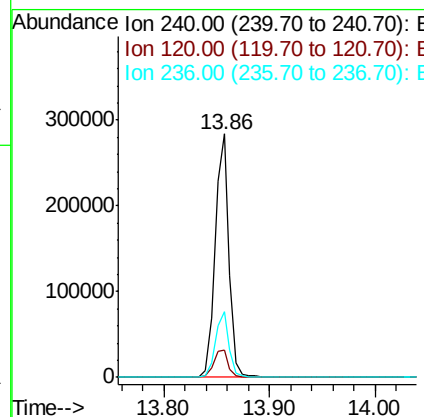
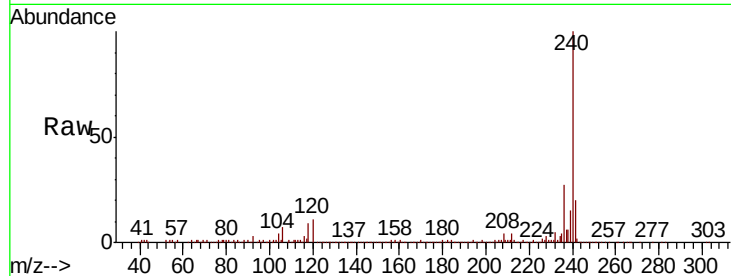
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF121314.D
Acq: 17 Aug 2020 17:20

Instrument :
BNA_F
ClientSampleId :
TR-08-081420

Tot Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	11.2	8.3	12.5
236	26.8	21.2	31.8

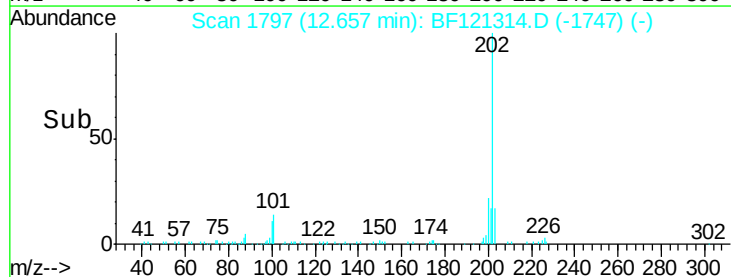
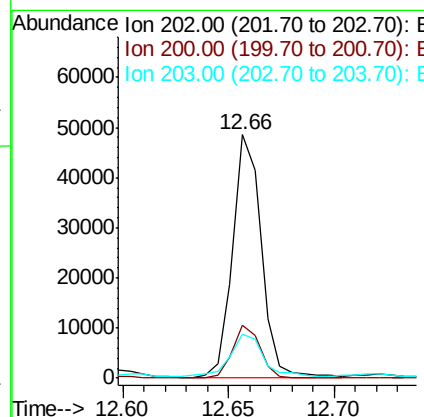
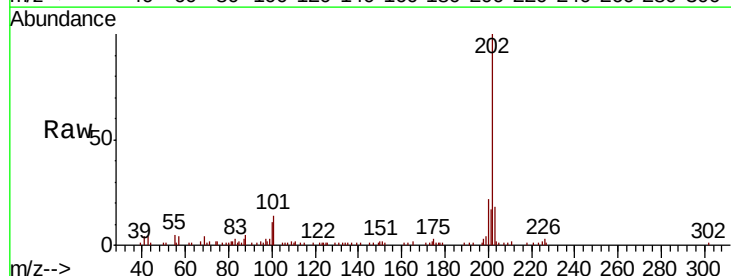
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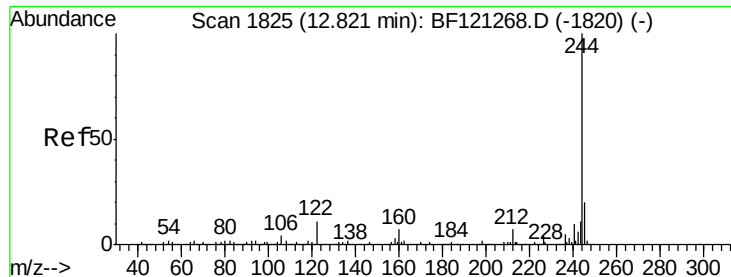
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#78
Pyrene
Concen: 2.357 ng
RT: 12.66 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BF121314.D
Acq: 17 Aug 2020 17:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.5	16.4	24.6
203	18.2	14.2	21.4





#79

Terphenyl-d14

Concen: 10.952 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF121314.D

Acq: 17 Aug 2020 17:20

Instrument :

BNA_F

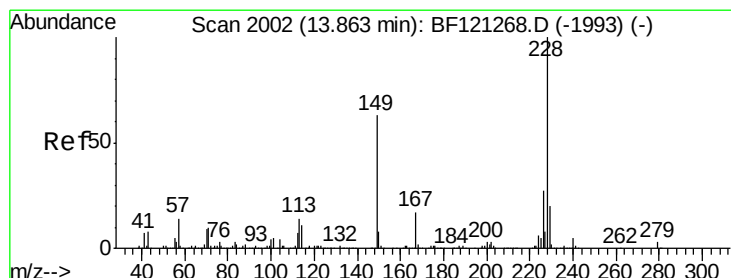
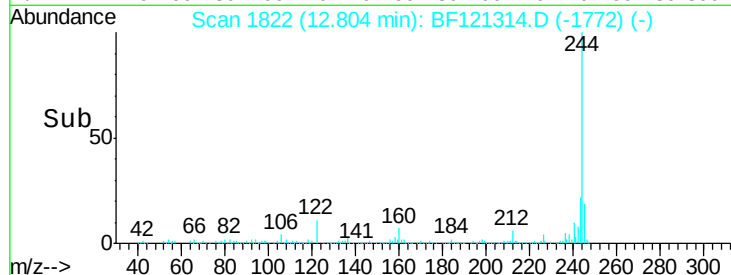
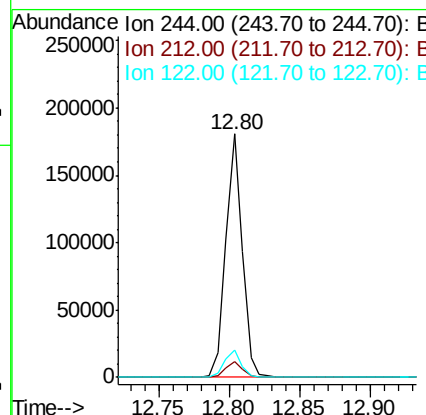
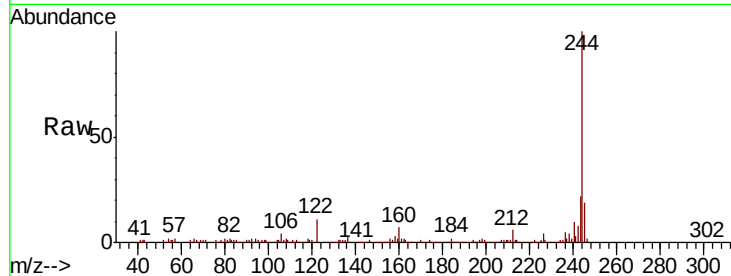
ClientSampleId :

TR-08-081420

Tot Ion:	244	Resp:	146789
Ion Ratio		Lower	Upper
244	100		
212	6.3	5.4	8.0
122	11.0	9.0	13.6

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#81

Benzo(a)anthracene

Concen: 2.440 ng

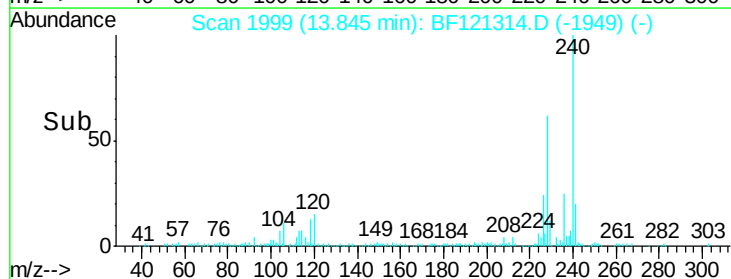
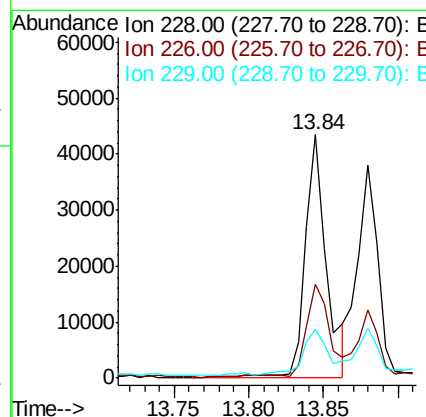
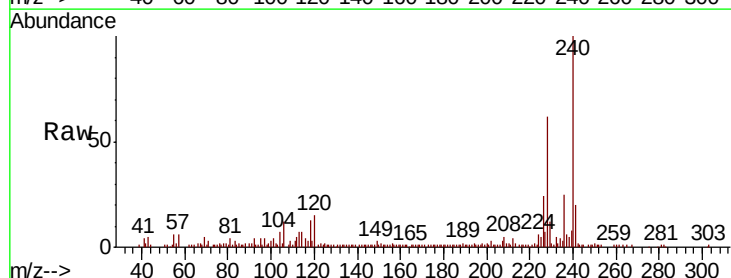
RT: 13.84 min Scan# 1999

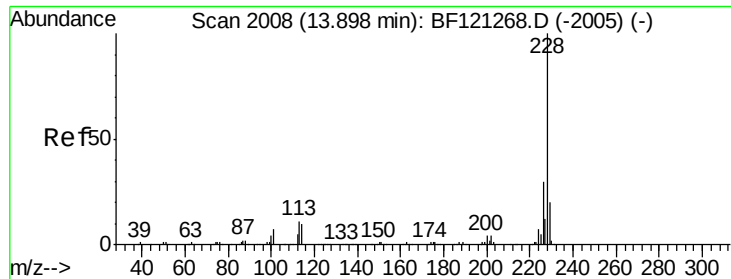
Delta R.T. -0.01 min

Lab File: BF121314.D

Acq: 17 Aug 2020 17:20

Tgt Ion:	228	Resp:	43242
Ion Ratio		Lower	Upper
228	100		
226	38.8	22.0	33.0#
229	20.0	15.8	23.6





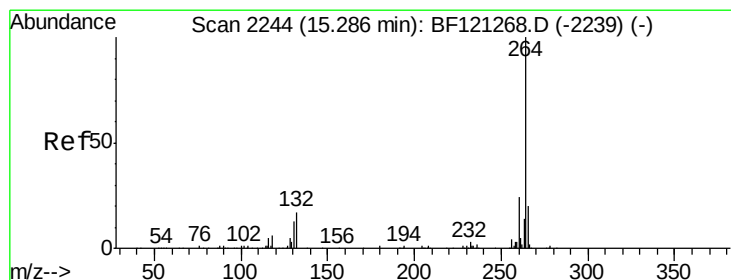
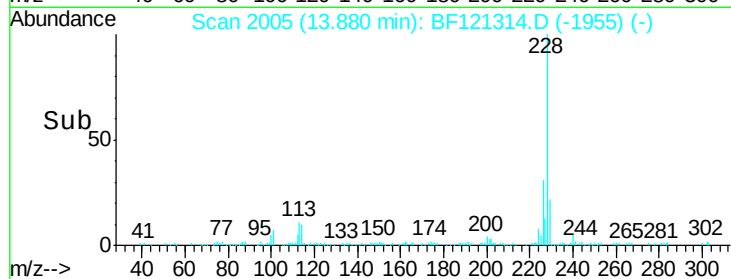
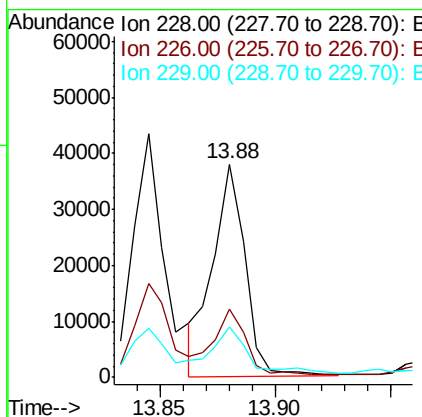
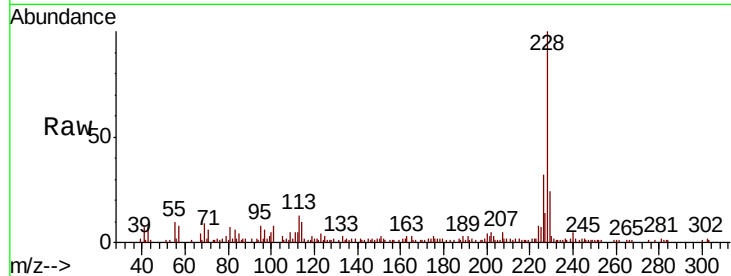
#83
Chrysene
Concen: 2.044 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF121314.D
Acq: 17 Aug 2020 17:20

Instrument :
BNA_F
ClientSampleId :
TR-08-081420

Tot Ion:	228	Resp:	36986
Ion Ratio	Lower	Upper	
228	100		
226	31.9	25.3	37.9
229	23.8	16.3	24.5

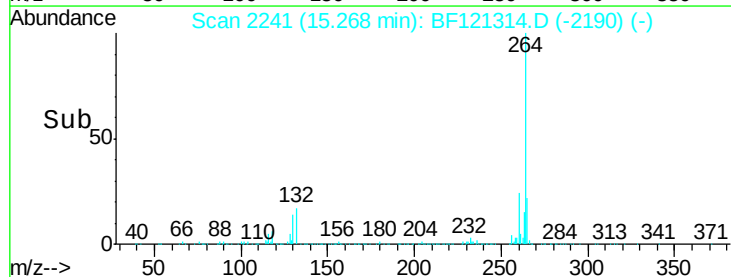
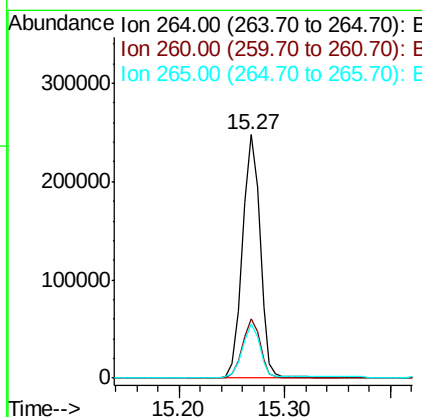
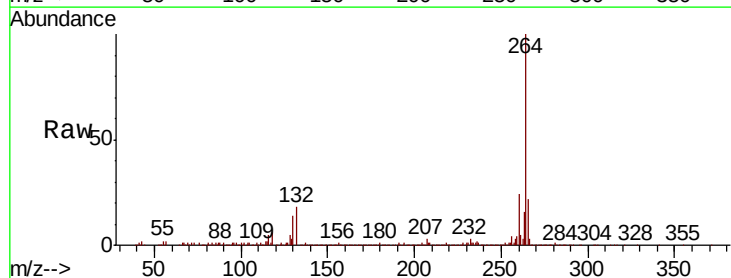
Manual Integrations
APPROVED

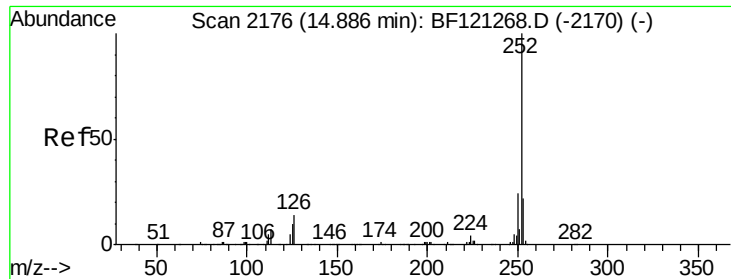
mohammad
8/18/2020 1:50:18 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BF121314.D
Acq: 17 Aug 2020 17:20

Tgt Ion:	264	Resp:	286280
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.1	28.7
265	22.4	17.1	25.7





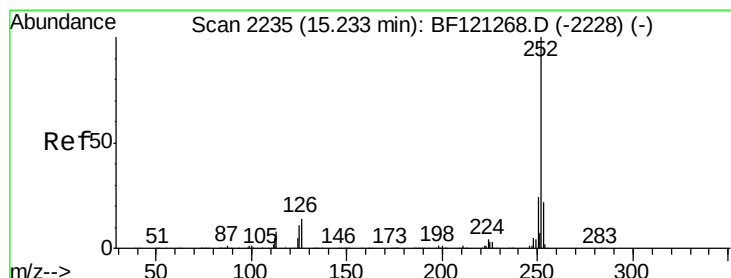
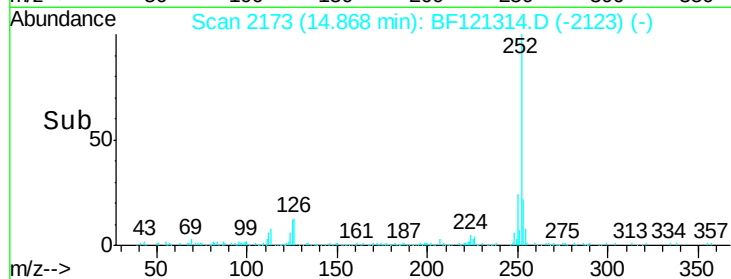
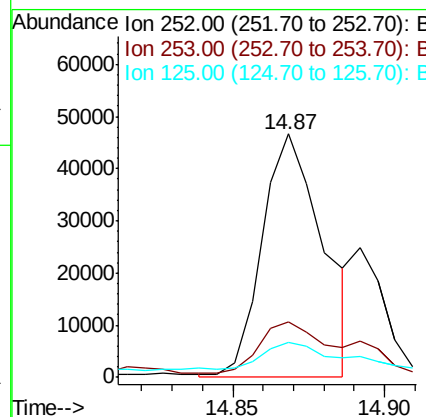
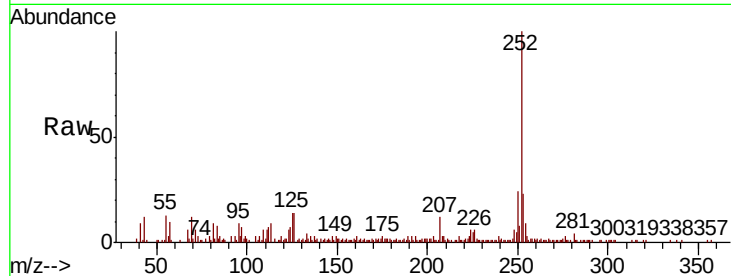
#88
Benzo(b)fluoranthene
Concen: 3.388 ng m
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF121314.D
Acq: 17 Aug 2020 17:20

Instrument :
BNA_F
ClientSampleId :
TR-08-081420

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.6	26.4
125	14.2	7.5	11.3

Manual Integrations
APPROVED

mohammad
8/18/2020 1:50:18 PM



#90
Benzo(a)pyrene
Concen: 2.516 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF121314.D
Acq: 17 Aug 2020 17:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.4	26.2
125	15.2	8.7	13.1

