

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100820\
 Data File : BF121888.D
 Acq On : 8 Oct 2020 14:40
 Operator : JU/CG
 Sample : L4291-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B4-100620-10-20

Manual Integrations
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Quant Time: Oct 08 15:39:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	112795	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	461451	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	237896	20.00	ng	-0.01
64) Phenanthrene-d10	11.28	188	444301	20.00	ng	-0.01
76) Chrysene-d12	13.92	240	311854	20.00	ng	-0.01
86) Perylene-d12	15.36	264	299594	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	521793	68.75	ng	0.00
7) Phenol-d6	6.40	99	669135	67.20	ng	-0.01
23) Nitrobenzene-d5	7.32	82	454801	52.92	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	192366	65.06	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	825083	52.53	ng	-0.02
79) Terphenyl-d14	12.87	244	835629	54.29	ng	-0.01
Target Compounds						Qvalue
50) Dimethylphthalate	9.52	163	86387	5.010	ng	98
71) Phenanthrene	11.30	178	152018	6.280	ng	99
75) Fluoranthene	12.49	202	138889	5.375	ng	99
78) Pyrene	12.72	202	126344	5.545	ng	98
81) Benzo(a)anthracene	13.91	228	68746	3.484	ng	100
83) Chrysene	13.94	228	56625	2.834	ng	97
88) Benzo(b)fluoranthene	14.95	252	67485m	3.370	ng	
90) Benzo(a)pyrene	15.30	252	50671	2.976	ng	95
92) Benzo(g,h,i)perylene	17.21	276	36795	2.305	ng	97

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

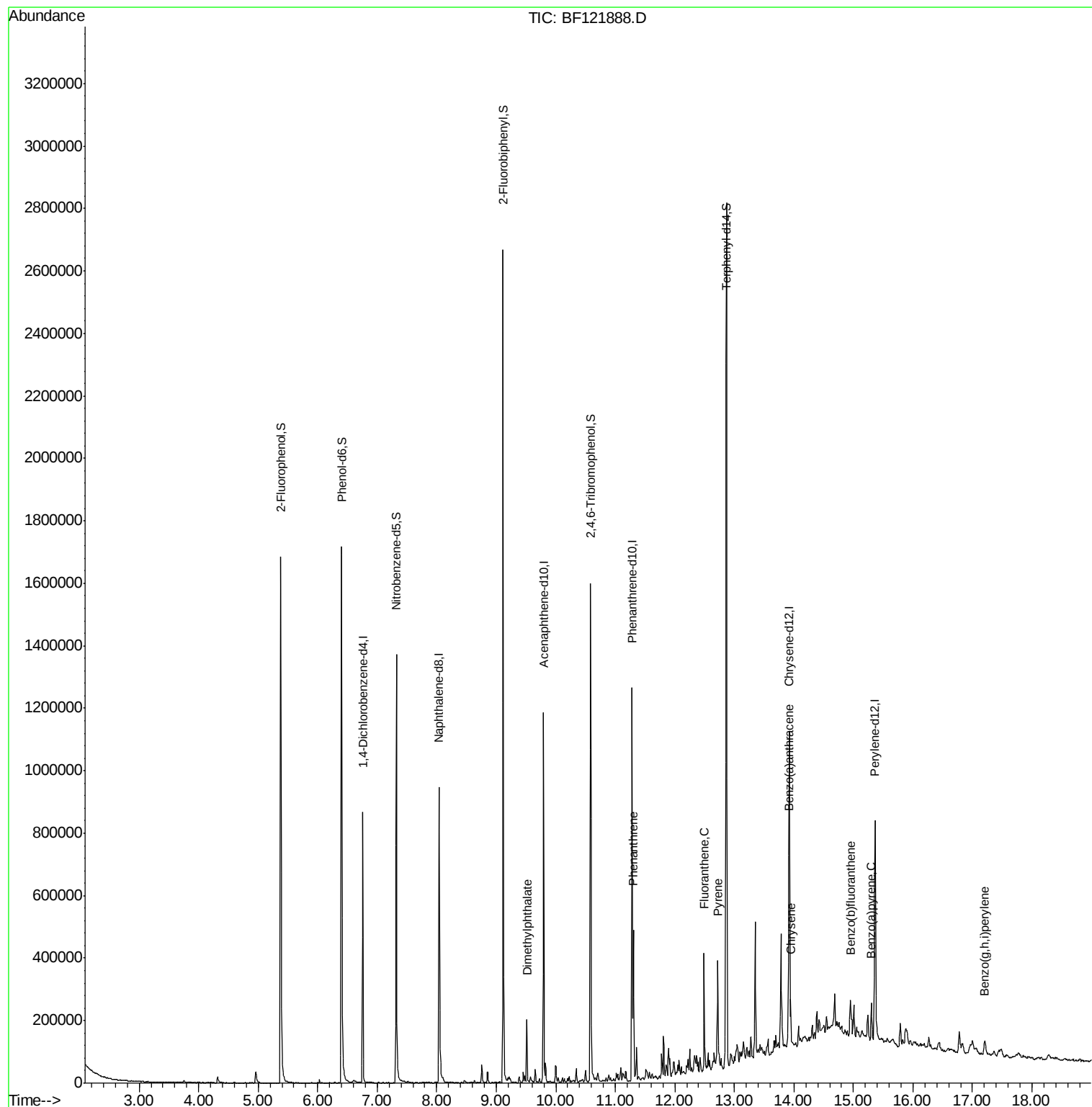
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100820\
Data File : BF121888.D
Acq On : 8 Oct 2020 14:40
Operator : JU/CG
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Misc :
ALS Vial : 6 Sample Multiplier: 1

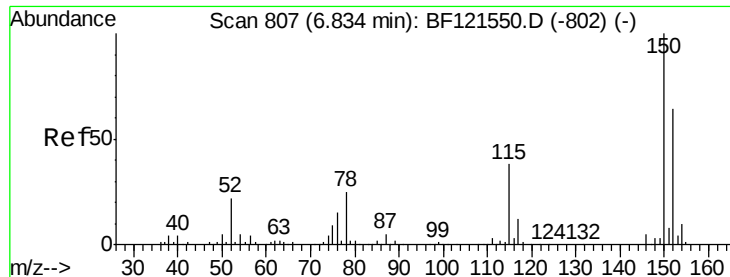
Instrument :
BNA_F
ClientSampleId :
PAV-B4-100620-10-20

Manual Integrations
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
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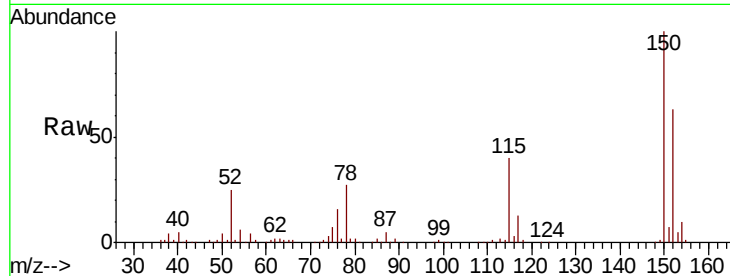
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF121888.D
 Acq: 8 Oct 2020 14:40

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B4-100620-10-20

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	125.3	187.9
115	64.1	51.9	77.9

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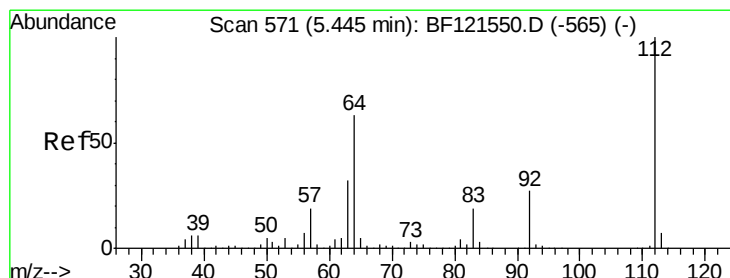
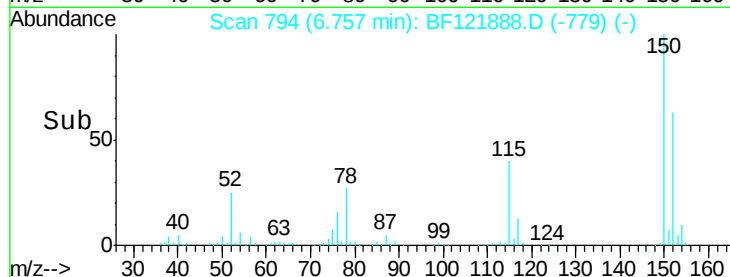
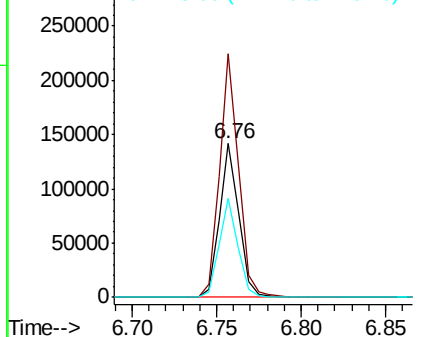


Abundance

Ion 152.00 (151.70 to 152.70): E

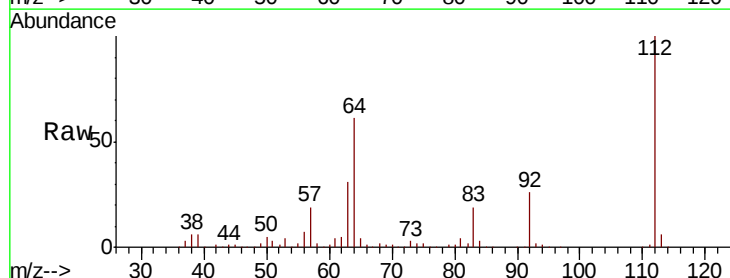
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 68.749 ng
 RT: 5.38 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: BF121888.D
 Acq: 8 Oct 2020 14:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.4	50.4	75.6
63	30.6	25.8	38.6

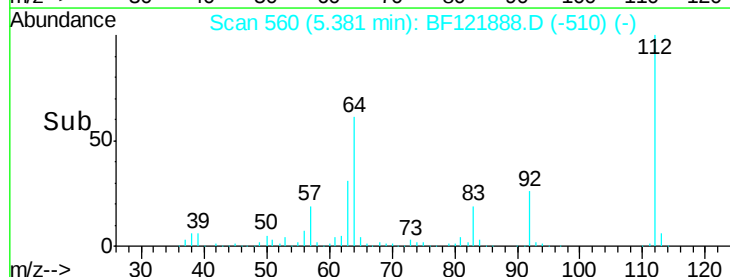
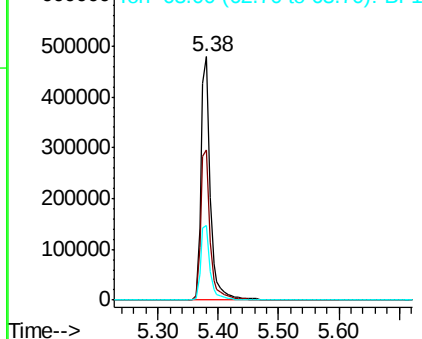


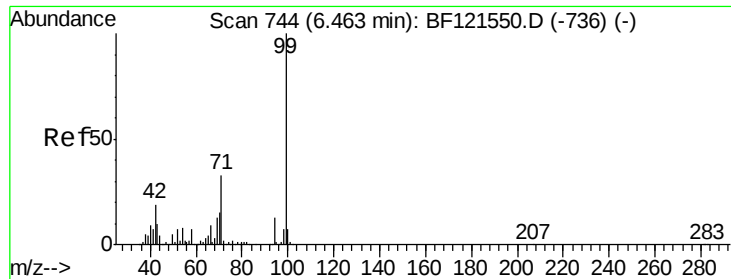
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 67.199 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF121888.D

Acq: 8 Oct 2020 14:40

Instrument :

BNA_F

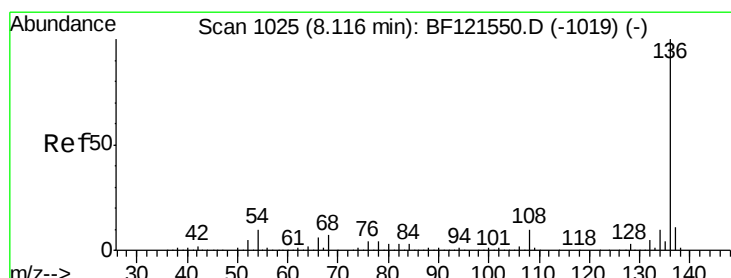
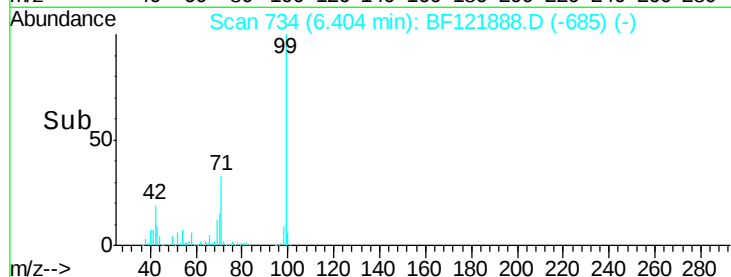
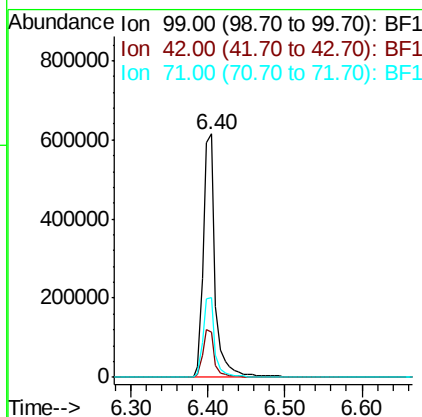
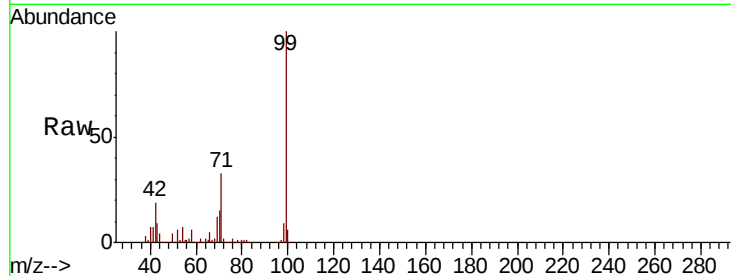
ClientSampleId :

PAV-B4-100620-10-20

Tot Ion:	99	Resp:	669135
Ion Ratio	Lower	Upper	
99	100		
42	18.7	15.9	23.9
71	32.6	27.1	40.7

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#21

Naphthalene-d8

Concen: 20.000 ng

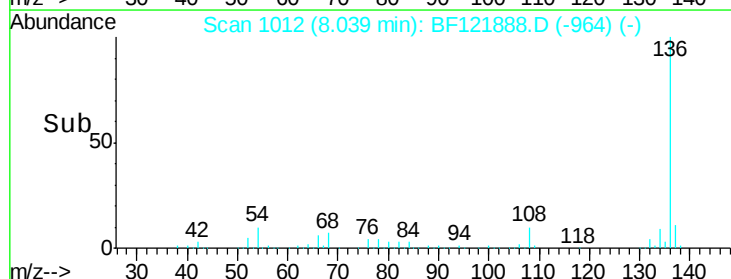
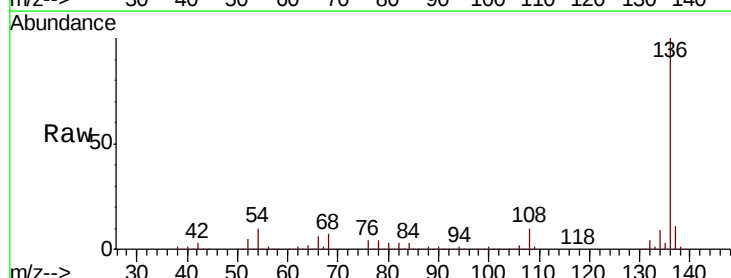
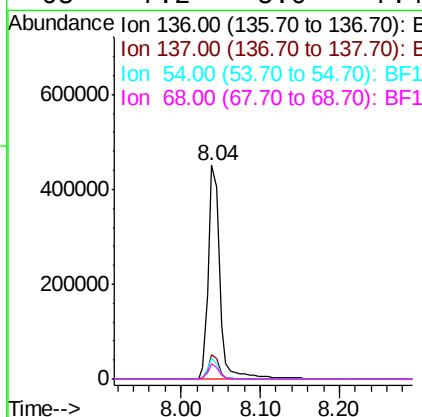
RT: 8.04 min Scan# 1012

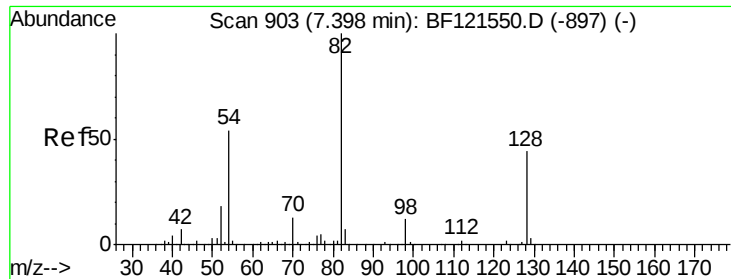
Delta R.T. -0.02 min

Lab File: BF121888.D

Acq: 8 Oct 2020 14:40

Tgt Ion:	136	Resp:	461451
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.6	13.0
54	9.9	7.1	10.7
68	7.2	5.0	7.4





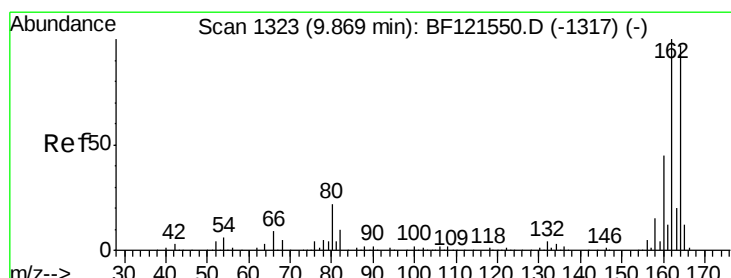
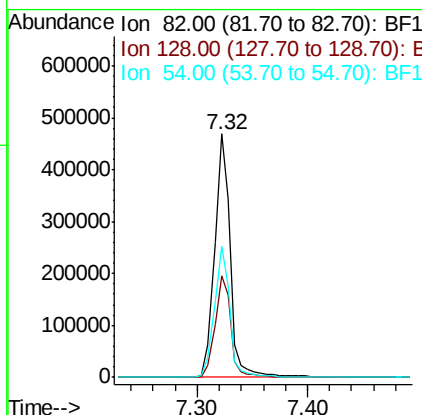
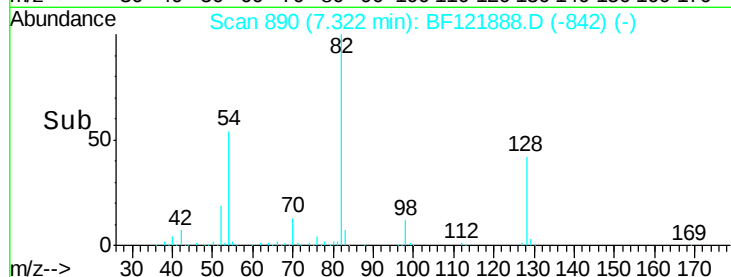
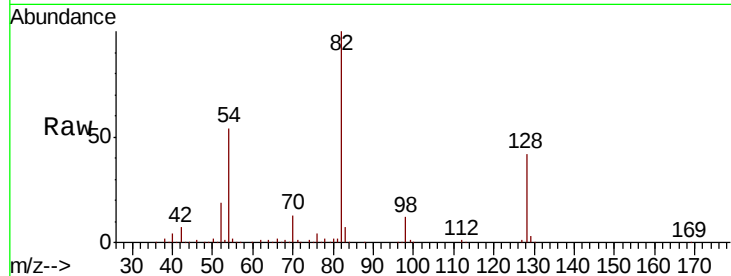
#23
Nitrobenzene-d5
Concen: 52.918 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.02 min
Lab File: BF121888.D
Acq: 8 Oct 2020 14:40

Instrument :
BNA_F
ClientSampleId :
PAV-B4-100620-10-20

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.7	35.0	52.4
54	53.9	43.9	65.9

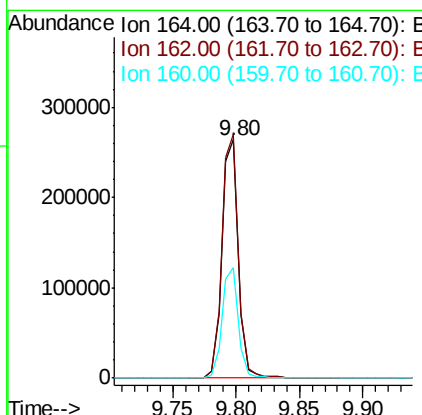
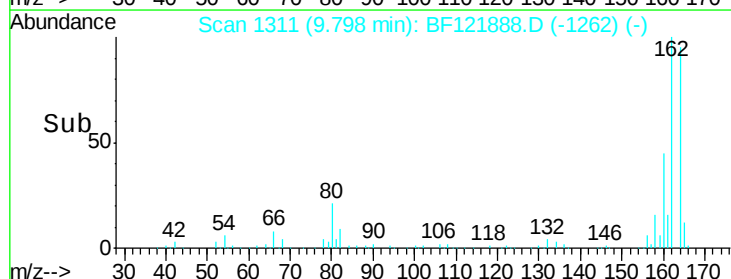
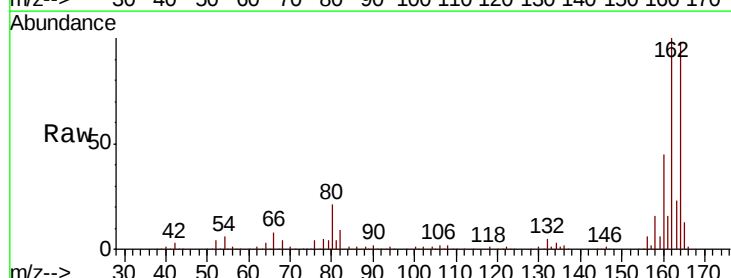
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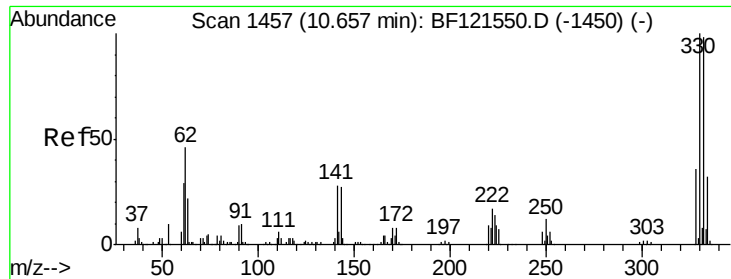
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF121888.D
Acq: 8 Oct 2020 14:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	83.2	124.8
160	46.3	37.5	56.3





#42

2,4,6-Tribromophenol

Concen: 65.060 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.02 min

Lab File: BF121888.D

Acq: 8 Oct 2020 14:40

Instrument :

BNA_F

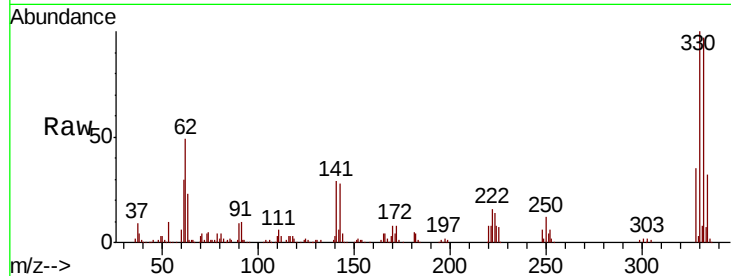
ClientSampleId :

PAV-B4-100620-10-20

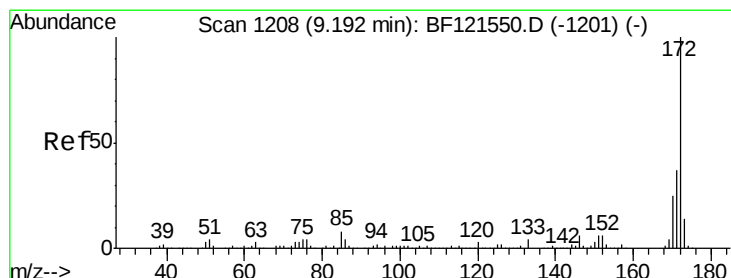
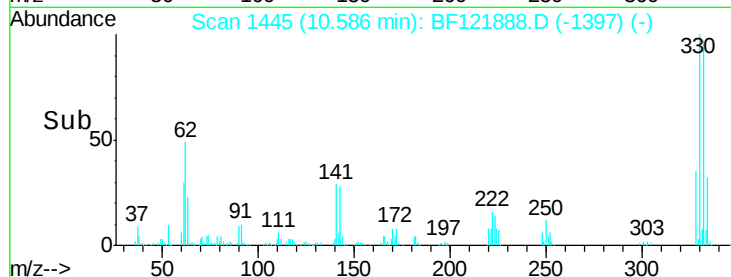
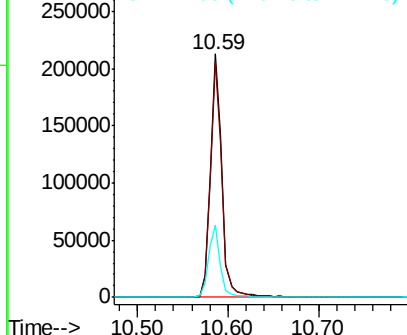
Tot Ion:	330	Resp:	192366
Ion Ratio	Lower	Upper	
330	100		
332	96.5	77.3	115.9
141	30.2	22.3	33.5

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 52.528 ng

RT: 9.12 min Scan# 1195

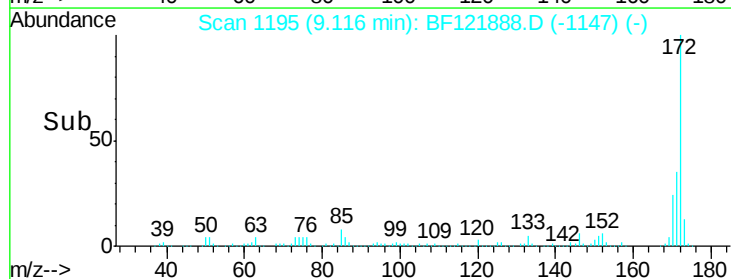
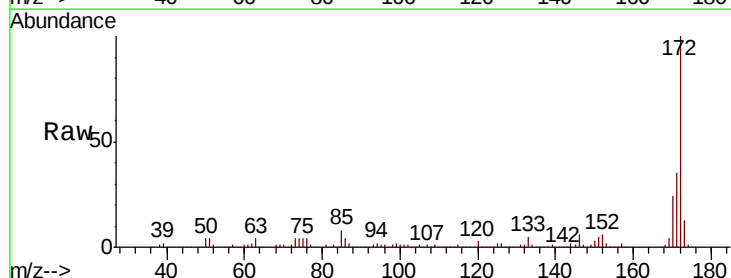
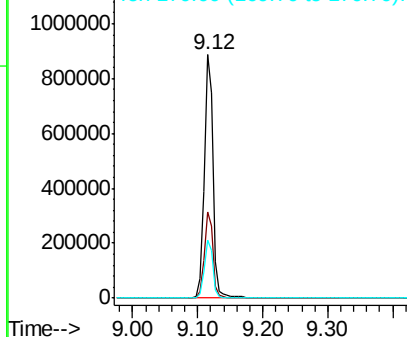
Delta R.T. -0.02 min

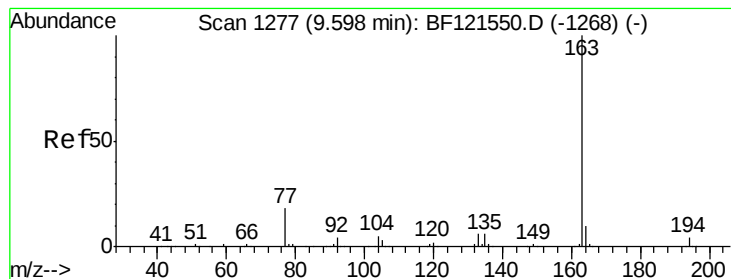
Lab File: BF121888.D

Acq: 8 Oct 2020 14:40

Tgt Ion:	172	Resp:	825083
Ion Ratio	Lower	Upper	
172	100		
171	35.3	29.1	43.7
170	24.0	19.8	29.6

Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 5.010 ng

RT: 9.52 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BF121888.D

Acq: 8 Oct 2020 14:40

Instrument :

BNA_F

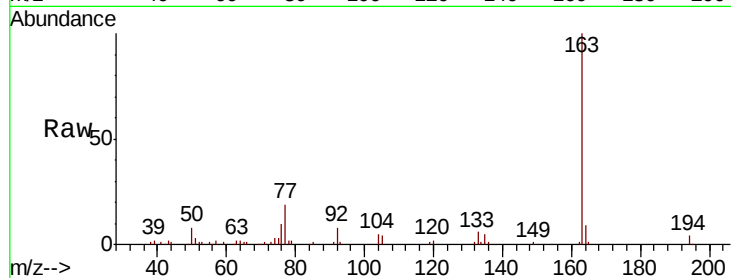
ClientSampleId :

PAV-B4-100620-10-20

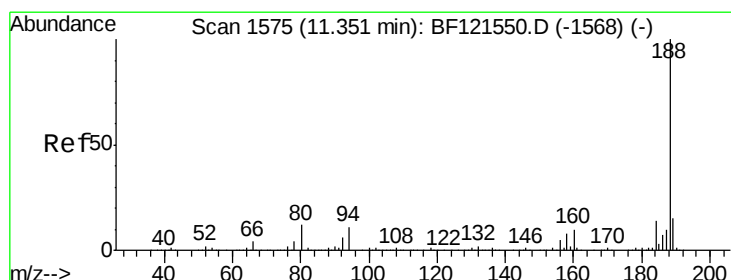
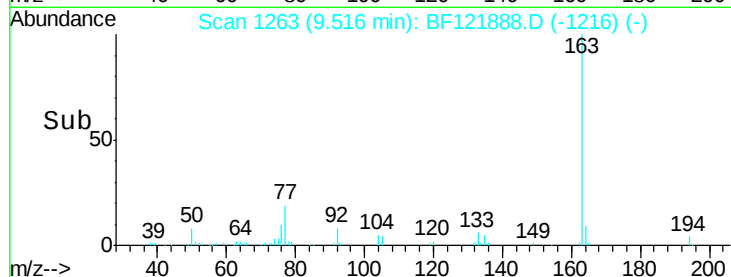
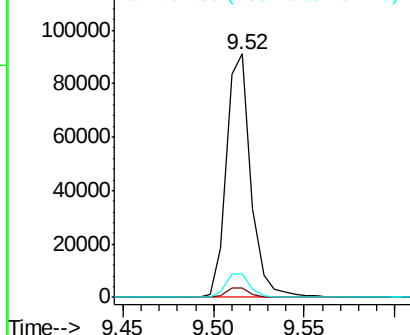
Tot Ion:	163	Resp:	86387
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.3	4.9
164	9.5	8.2	12.4

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

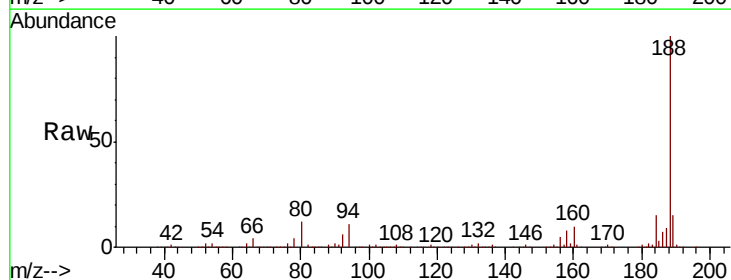
RT: 11.28 min Scan# 1563

Delta R.T. -0.01 min

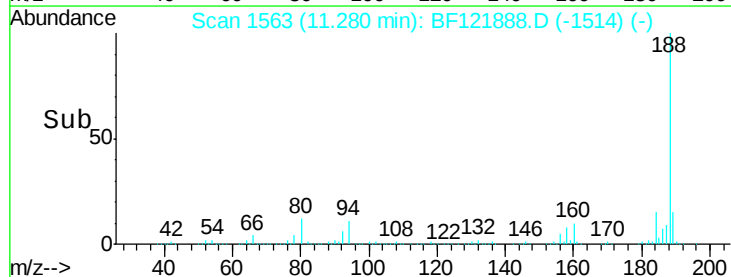
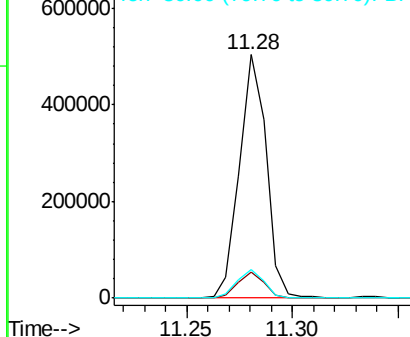
Lab File: BF121888.D

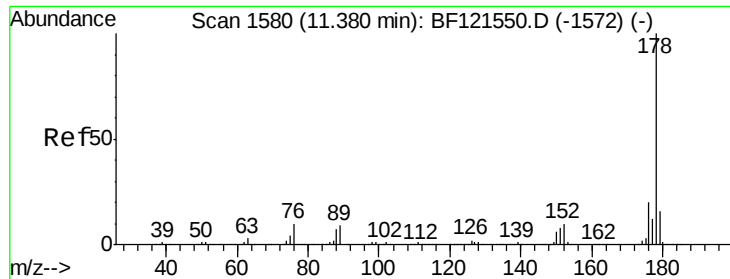
Acq: 8 Oct 2020 14:40

Tgt Ion:	188	Resp:	444301
Ion Ratio	Lower	Upper	
188	100		
94	10.9	8.3	12.5
80	11.9	9.1	13.7



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





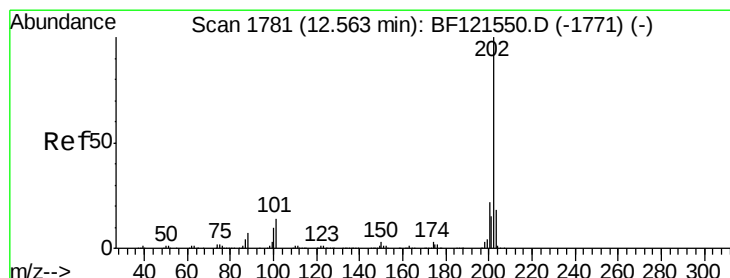
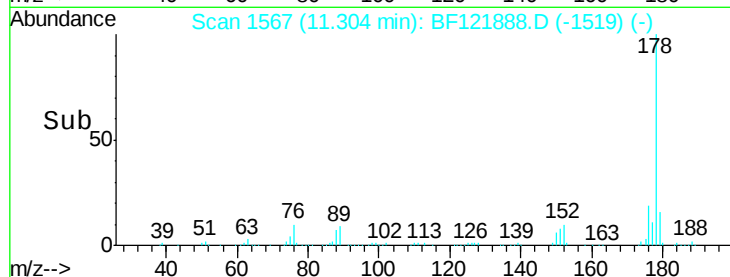
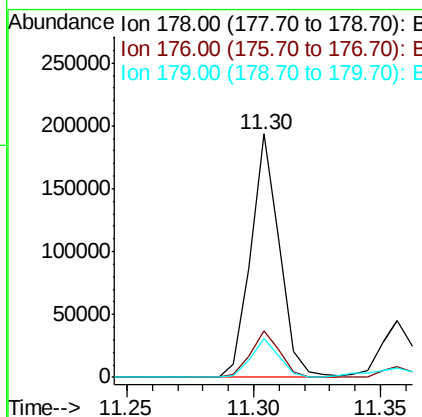
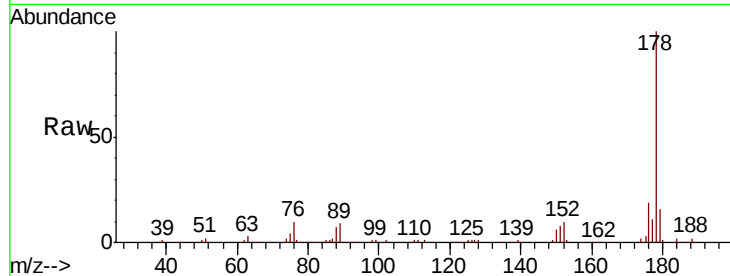
#71
Phenanthrene
Concen: 6.280 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.02 min
Lab File: BF121888.D
Acq: 8 Oct 2020 14:40

Instrument :
BNA_F
ClientSampleId :
PAV-B4-100620-10-20

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.9	23.9
179	15.7	12.2	18.4

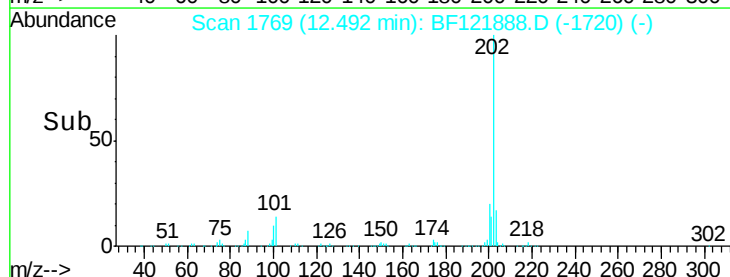
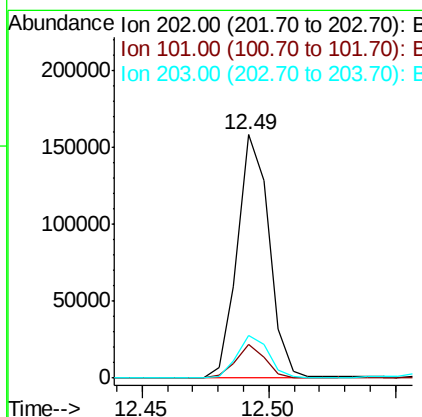
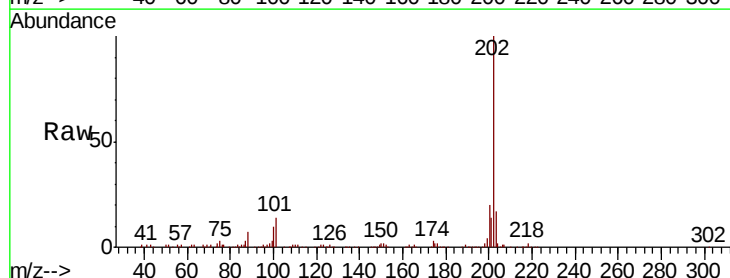
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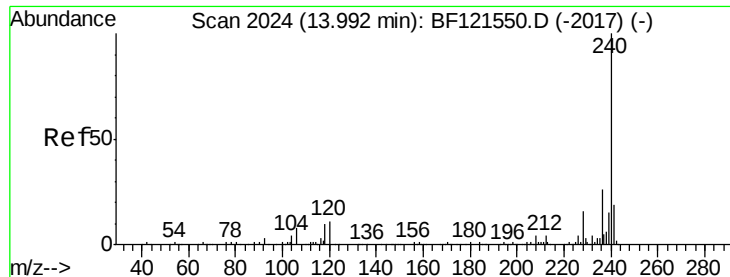
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#75
Fluoranthene
Concen: 5.375 ng
RT: 12.49 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BF121888.D
Acq: 8 Oct 2020 14:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	33.4
203	17.4	0.0	37.9





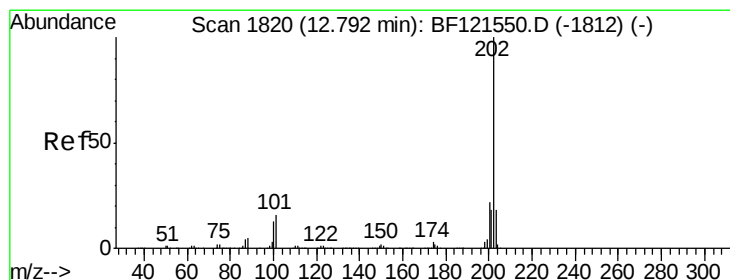
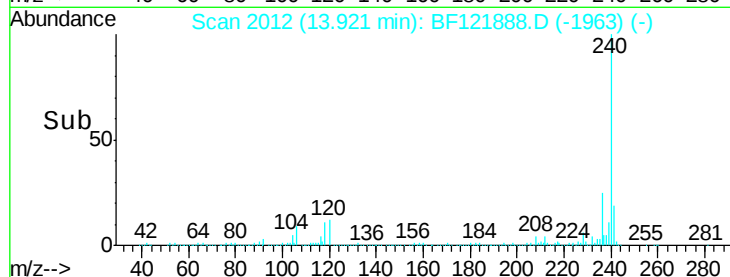
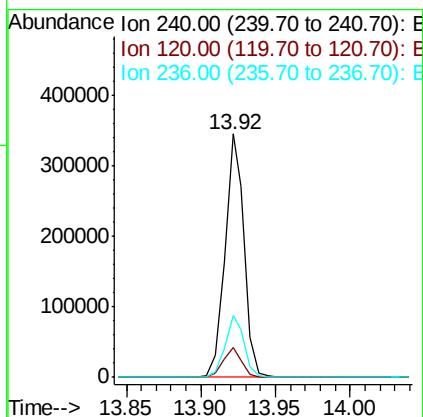
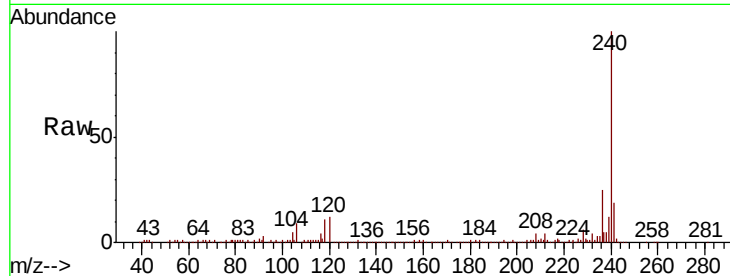
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF121888.D
Acq: 8 Oct 2020 14:40

Instrument :
BNA_F
ClientSampleId :
PAV-B4-100620-10-20

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.2	13.8
236	25.5	20.9	31.3

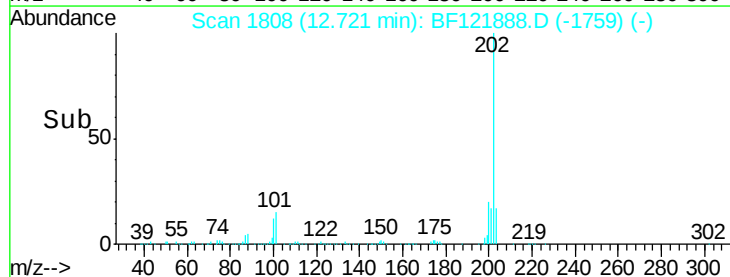
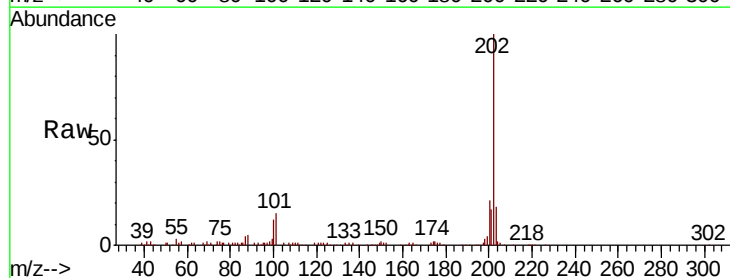
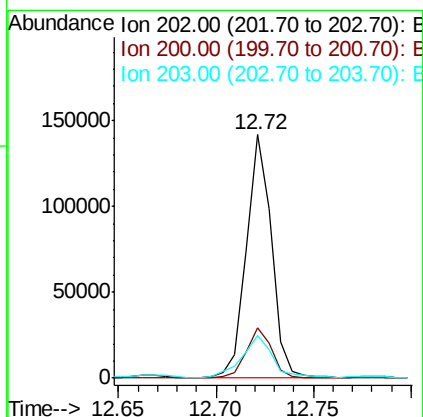
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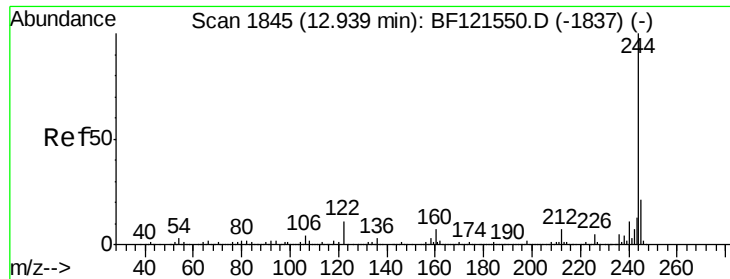
mohammad
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#78
Pyrene
Concen: 5.545 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF121888.D
Acq: 8 Oct 2020 14:40

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.4	26.2
203	17.6	14.6	21.8





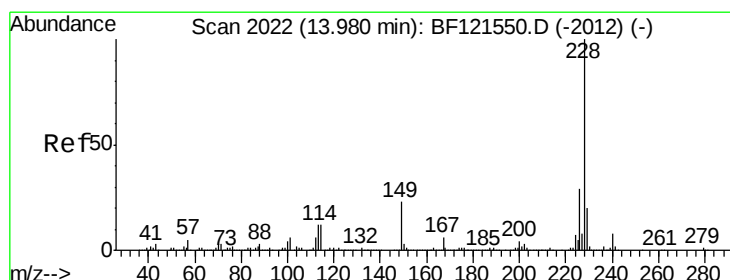
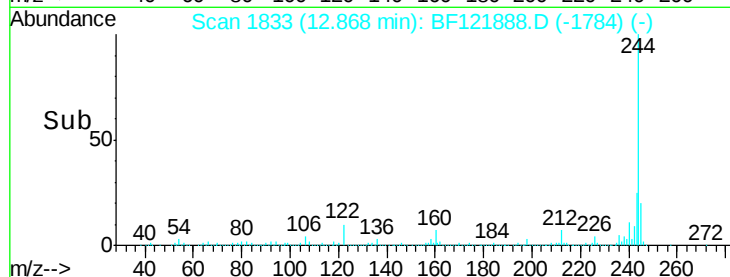
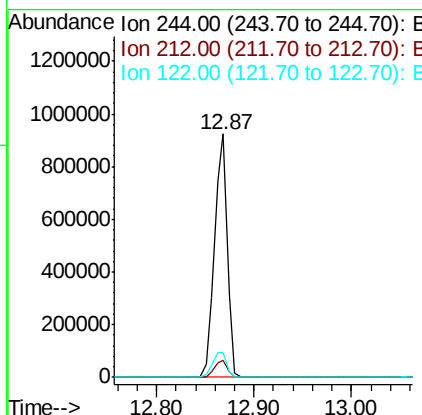
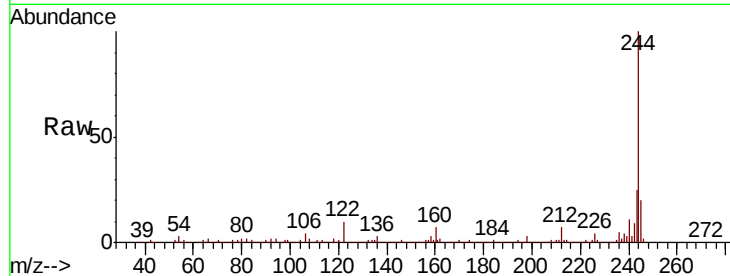
#79
 Terphenyl-d14
 Concen: 54.285 ng
 RT: 12.87 min Scan# 1833
 Delta R.T. -0.01 min
 Lab File: BF121888.D
 Acq: 8 Oct 2020 14:40

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B4-100620-10-20

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.2
122	10.4	8.1	12.1

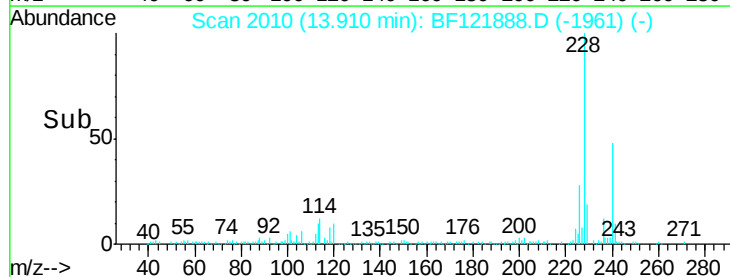
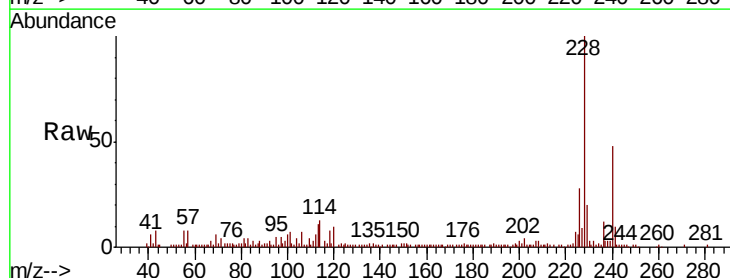
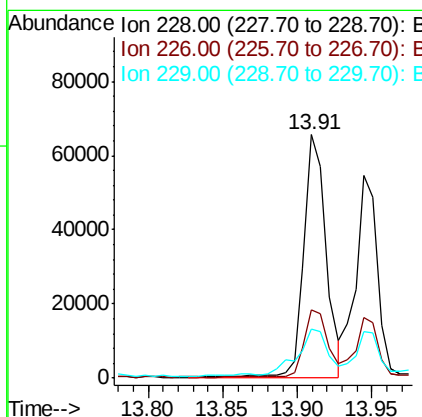
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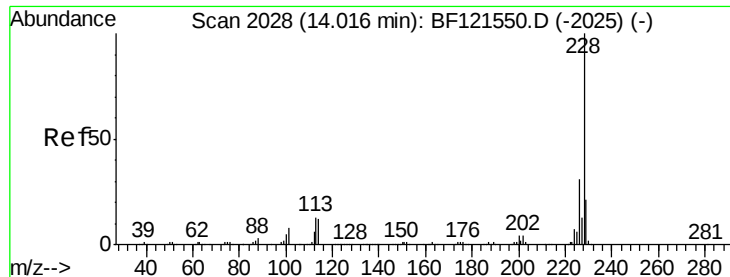
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#81
 Benzo(a)anthracene
 Concen: 3.484 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BF121888.D
 Acq: 8 Oct 2020 14:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.3	33.5
229	20.3	16.2	24.4





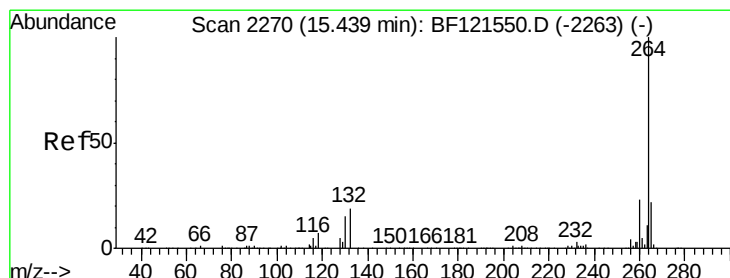
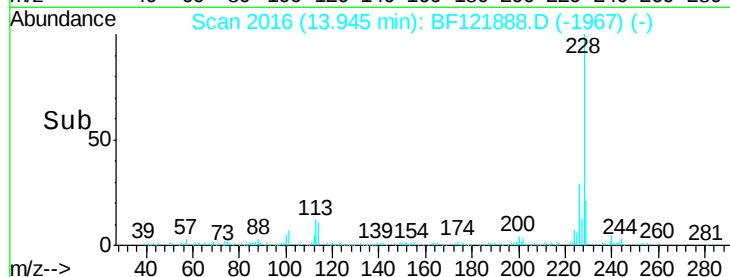
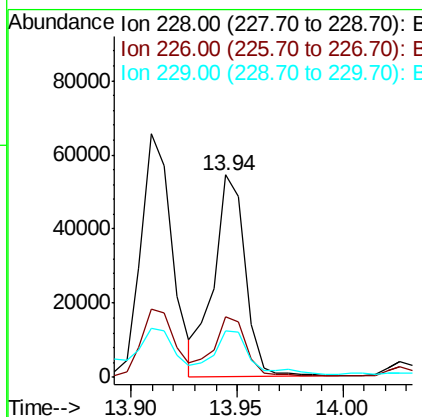
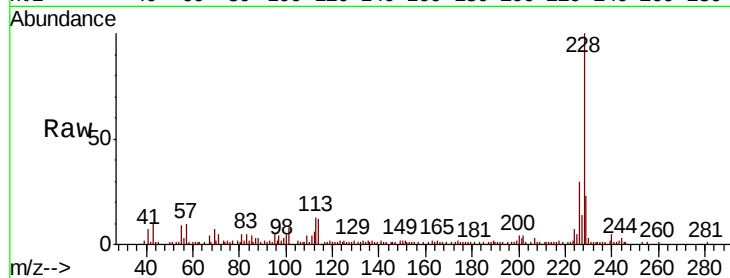
#83
Chrysene
Concen: 2.834 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF121888.D
Acq: 8 Oct 2020 14:40

Instrument :
BNA_F
ClientSampleId :
PAV-B4-100620-10-20

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.6	37.0
229	22.8	15.9	23.9

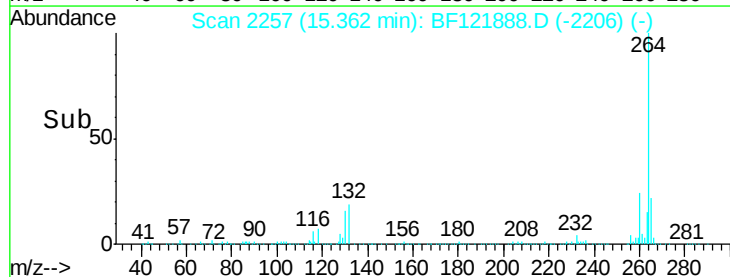
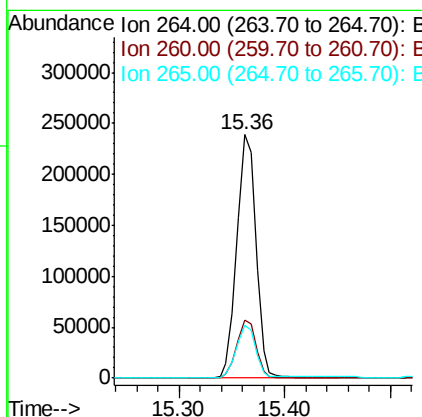
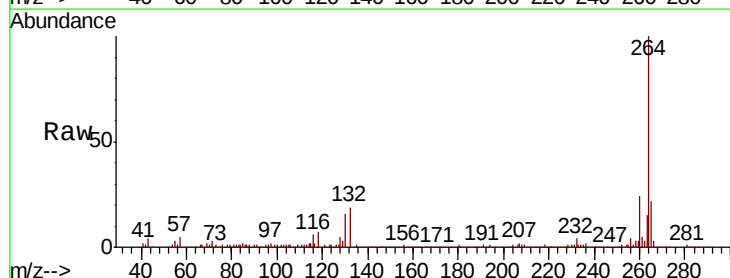
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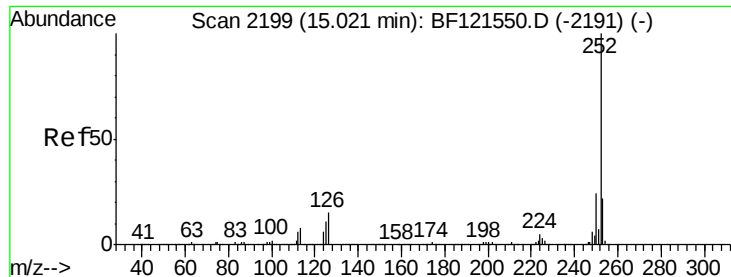
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.00 min
Lab File: BF121888.D
Acq: 8 Oct 2020 14:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.9	17.3	25.9





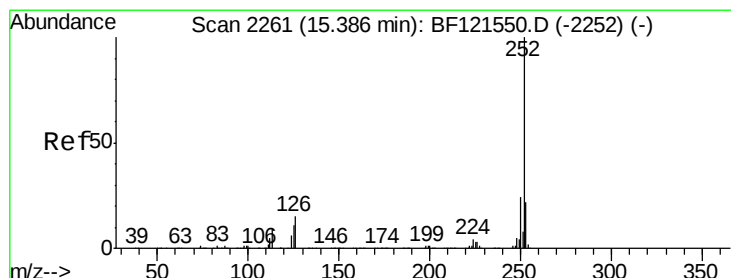
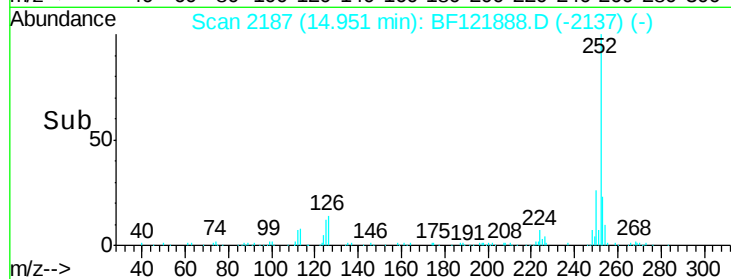
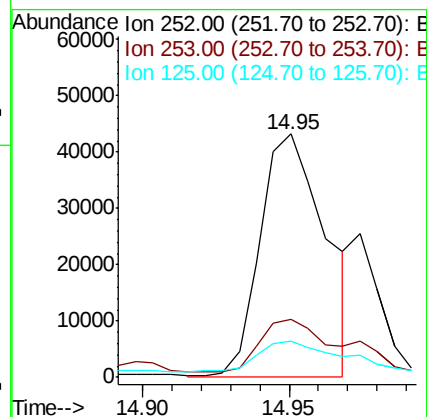
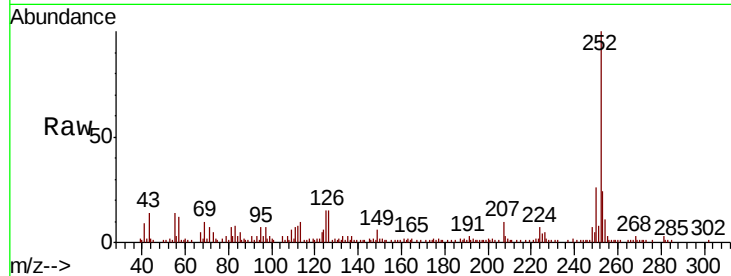
#88
Benzo(b)fluoranthene
Concen: 3.370 ng m
RT: 14.95 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BF121888.D
Acq: 8 Oct 2020 14:40

Instrument :
BNA_F
ClientSampleId :
PAV-B4-100620-10-20

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.2
125	15.0	8.0	12.0

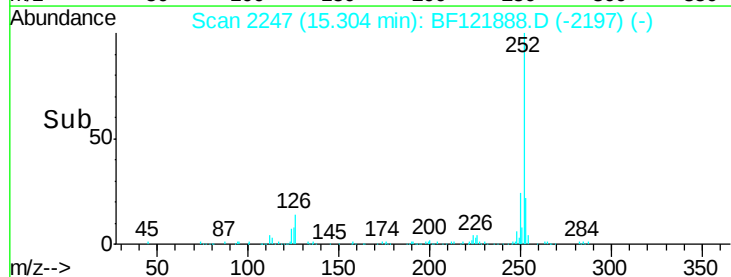
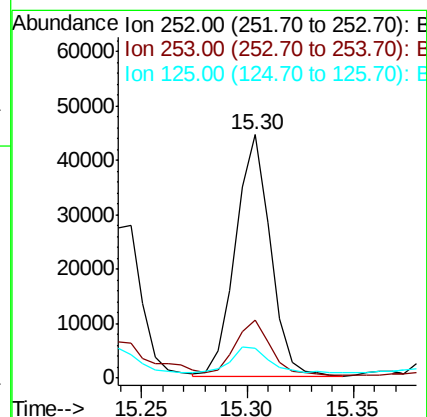
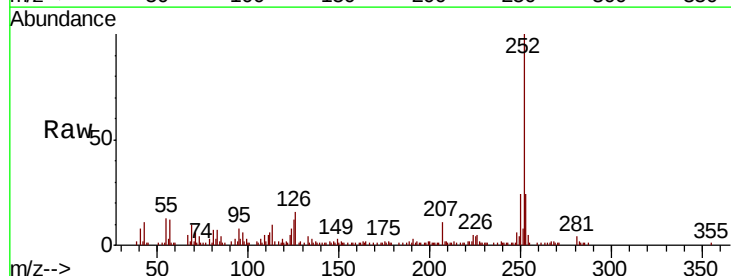
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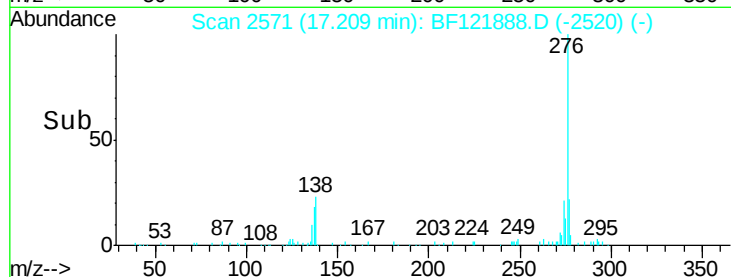
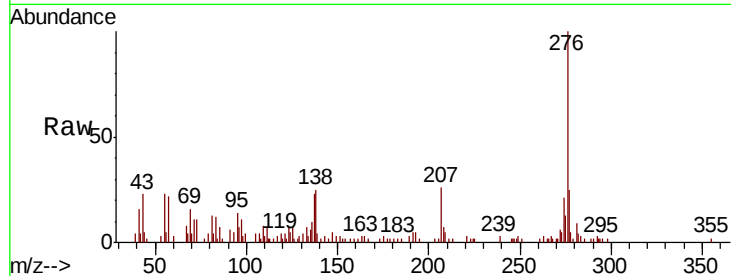
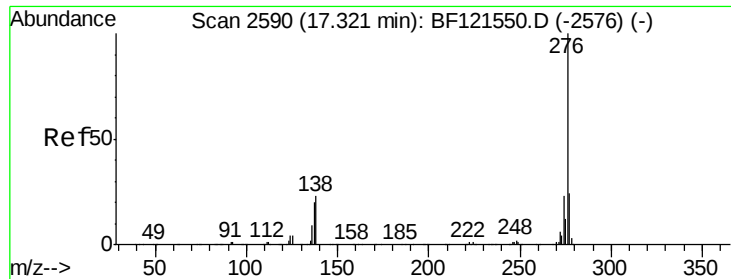
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#90
Benzo(a)pyrene
Concen: 2.976 ng
RT: 15.30 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BF121888.D
Acq: 8 Oct 2020 14:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.3	25.9
125	12.4	8.6	13.0





#92

Benzo(a,h,i)perylene

Concen: 2.305 ng

RT: 17.21 min Scan# 2571

Delta R.T. 0.00 min

Lab File: BF121888.D

Acq: 8 Oct 2020 14:40

Tot Ion:	276	Resp:	36795
Ion Ratio	Lower	Upper	
276	100		
277	25.0	19.4	29.2
138	24.6	17.8	26.6

Instrument :

BNA_F

ClientSampleId :

PAV-B4-100620-10-20

Manual Integrations
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