

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083120\
 Data File : BF121483.D
 Acq On : 31 Aug 2020 18:00
 Operator : JU/CG
 Sample : L3508-25
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-08-082820

Manual Integrations
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Quant Time: Aug 31 18:41:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 28 09:25:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	326533	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1189794	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	590221	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	972364	20.00	ng	0.00
76) Chrysene-d12	14.02	240	678160	20.00	ng	0.00
86) Perylene-d12	15.49	264	721205	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1506353	77.40	ng	0.00
7) Phenol-d6	6.48	99	1971813	72.50	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1276067	73.32	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	501196	84.07	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2241429	61.28	ng	0.00
79) Terphenyl-d14	12.97	244	1801808	55.93	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.61	163	179685	4.432	ng	99
75) Fluoranthene	12.59	202	247504	4.602	ng	98
78) Pyrene	12.82	202	300144	6.197	ng	96
81) Benzo(a)anthracene	14.01	228	206771	4.995	ng	99
83) Chrysene	14.04	228	186181	4.495	ng	95
87) Indeno(1,2,3-cd)pyrene	16.95	276	95662	2.156	ng	98
88) Benzo(b)fluoranthene	15.06	252	279054m	5.948	ng	
90) Benzo(a)pyrene	15.43	252	179731	4.261	ng	# 96
92) Benzo(g,h,i)perylene	17.39	276	99252	2.837	ng	96

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

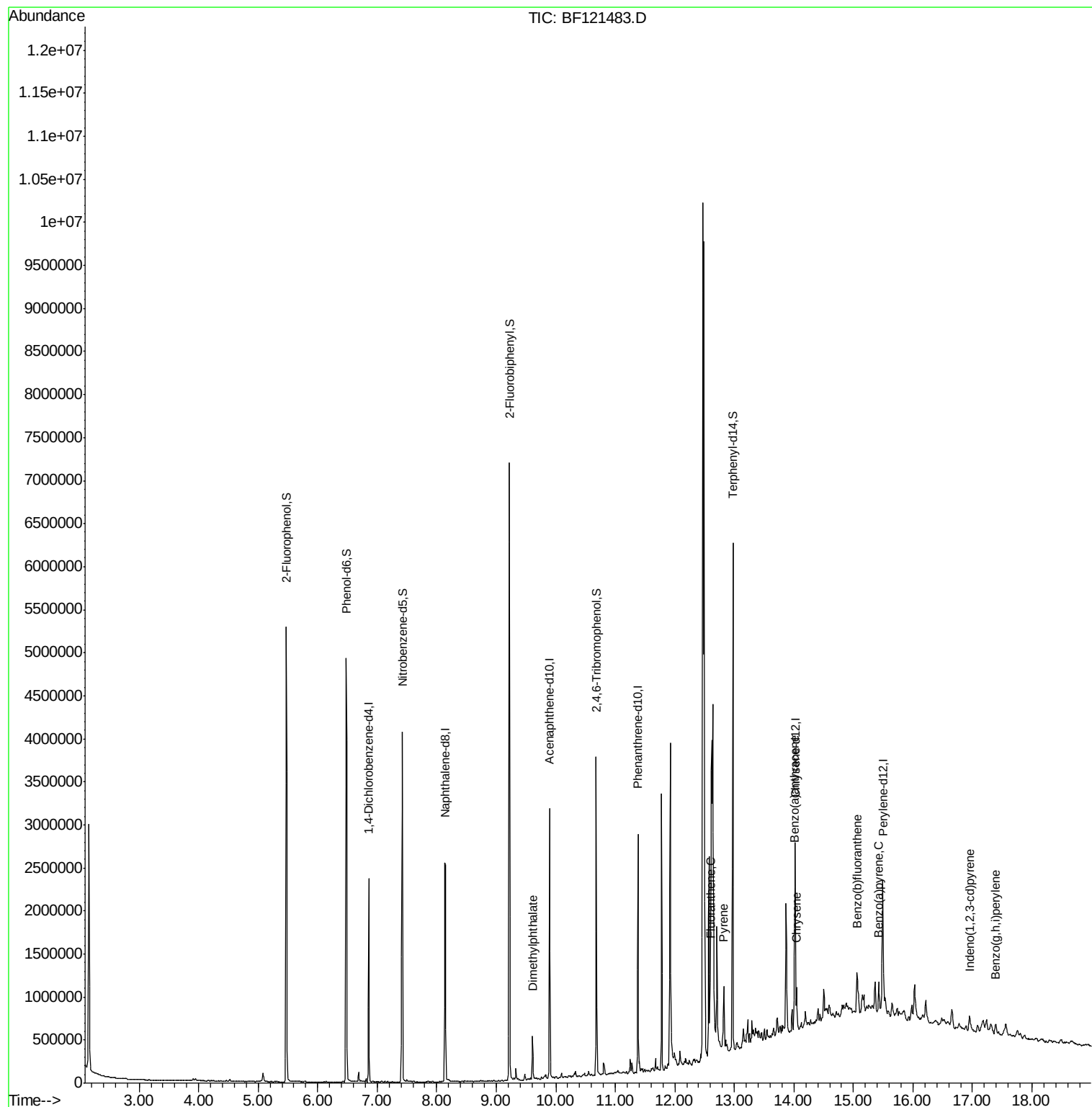
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083120\
Data File : BF121483.D
Acq On : 31 Aug 2020 18:00
Operator : JU/CG
Sample : L3508-25
Misc :
ALS Vial : 12 Sample Multiplier: 1

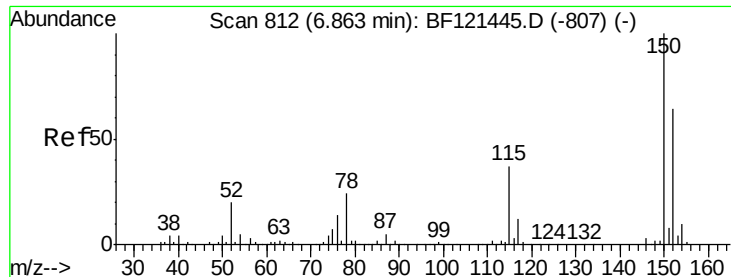
Instrument :
BNA_F
ClientSampleId :
TR-08-082820

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Quant Time: Aug 31 18:41:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

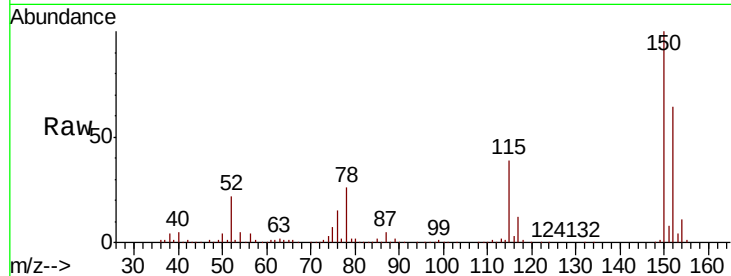
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF121483.D
Acq: 31 Aug 2020 18:00

Instrument :
BNA_F
ClientSampleId :
TR-08-082820

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	125.8	188.6
115	60.8	46.6	69.8

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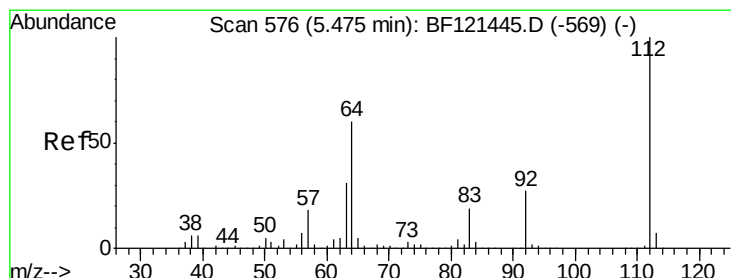
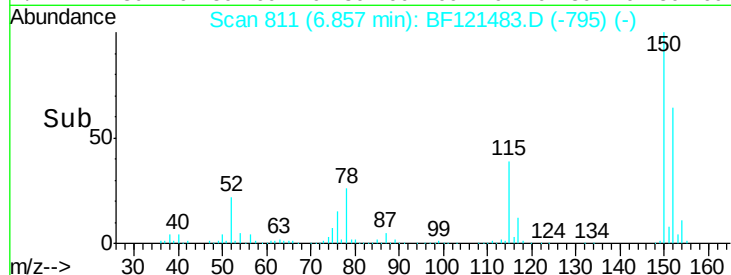
Abundance

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

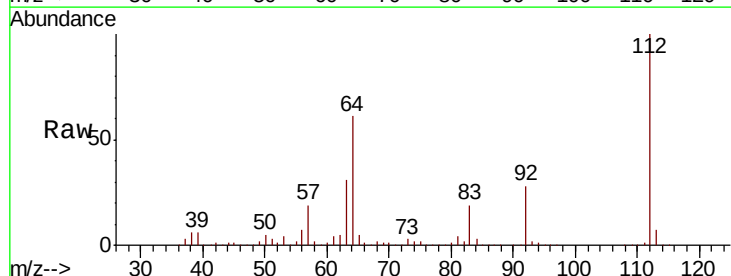
Time-->



#5

2-Fluorophenol
Concen: 77.397 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF121483.D
Acq: 31 Aug 2020 18:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.7	48.2	72.2
63	30.8	24.8	37.2



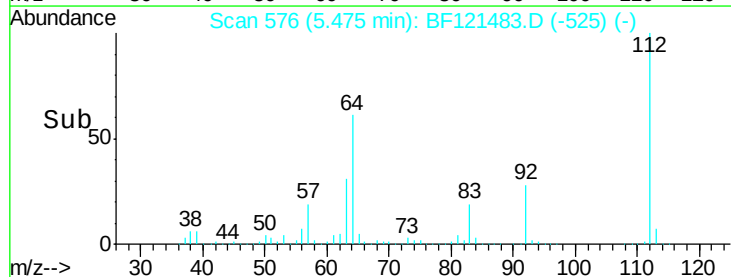
Abundance

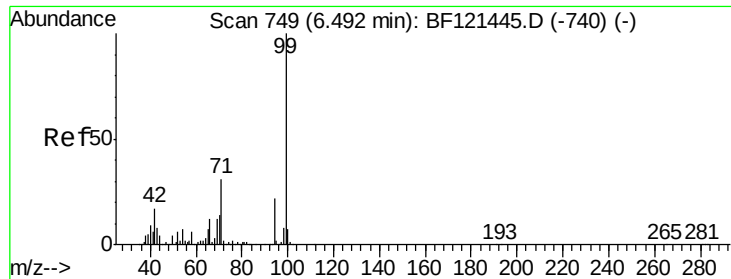
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Time-->





#7

Phenol-d6

Concen: 72.497 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF121483.D

Acq: 31 Aug 2020 18:00

Instrument :

BNA_F

ClientSampleId :

TR-08-082820

Tot Ion: 99 Resp: 1971813

Ion Ratio Lower Upper

99 100

42 17.4 13.5 20.3

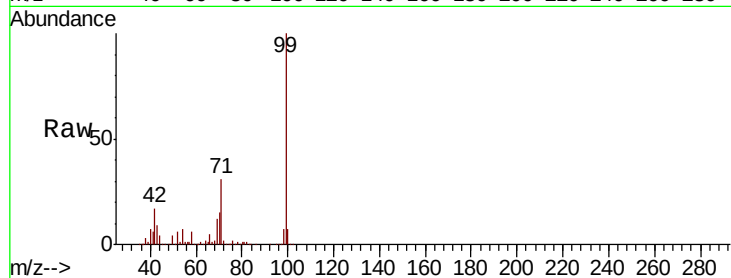
71 31.4 24.6 37.0

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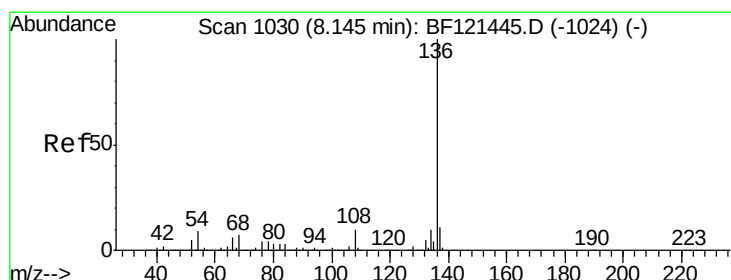
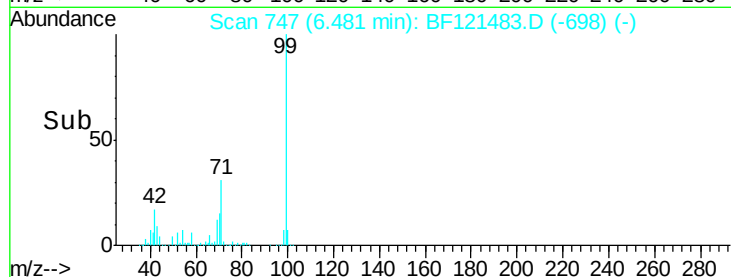
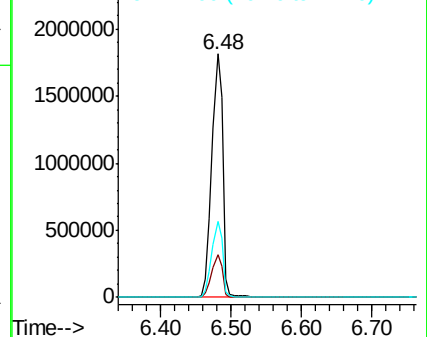
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF121483.D

Acq: 31 Aug 2020 18:00

Tgt Ion: 136 Resp: 1189794

Ion Ratio Lower Upper

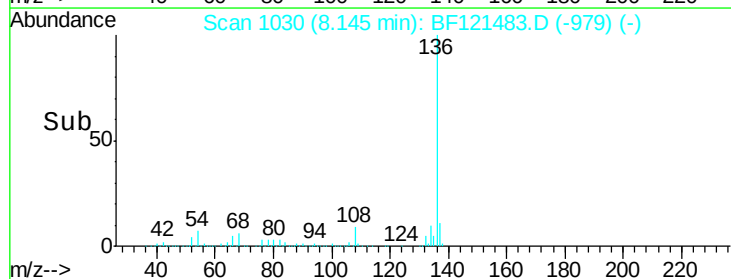
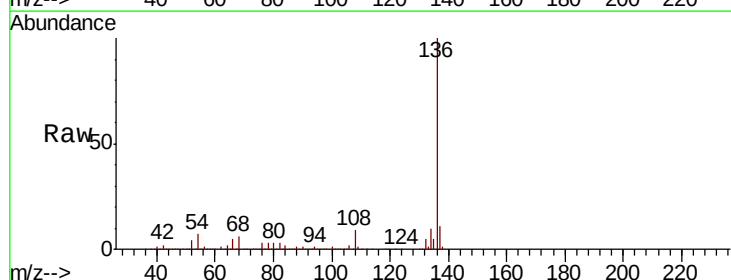
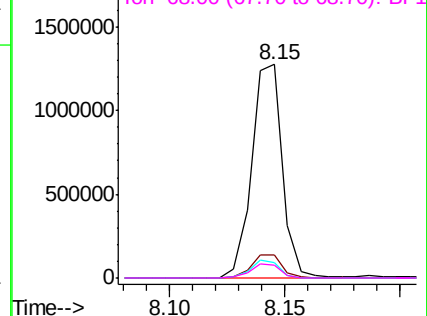
136 100

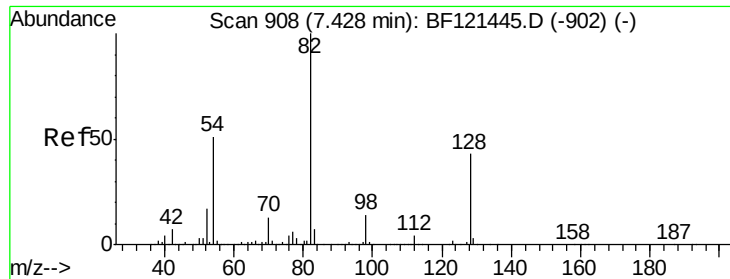
137 10.9 9.1 13.7

54 7.4 7.0 10.4

68 5.9 5.5 8.3

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





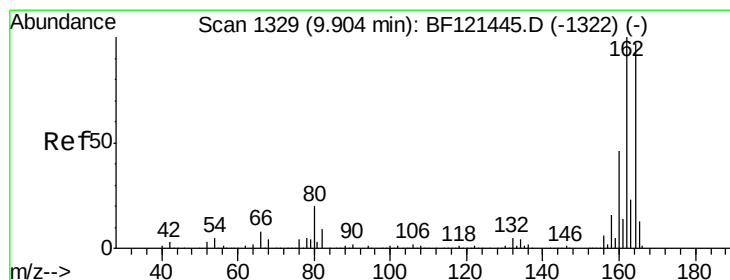
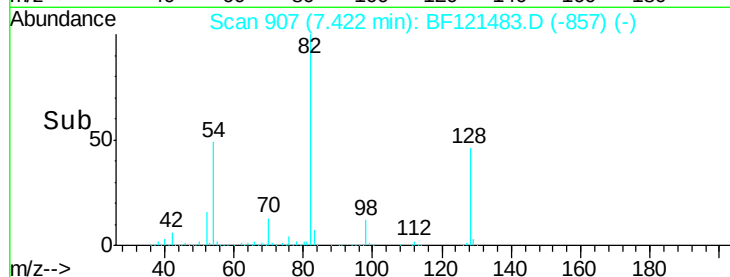
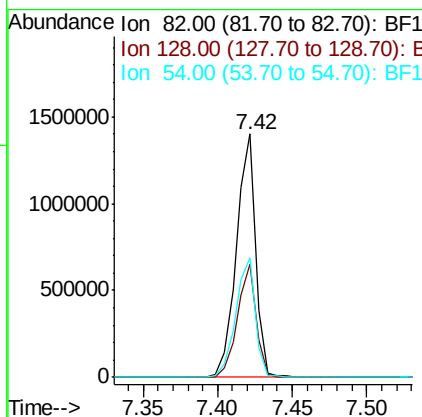
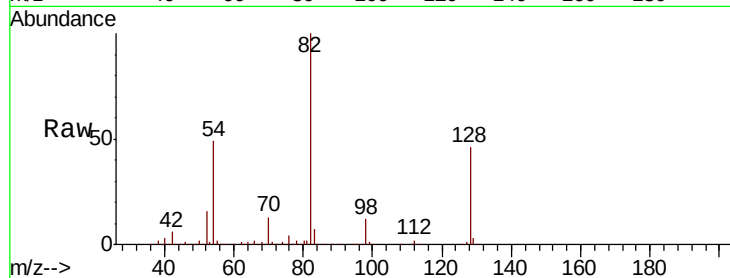
#23
 Nitrobenzene-d5
 Concen: 73.323 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF121483.D
 Acq: 31 Aug 2020 18:00

Instrument :
 BNA_F
 ClientSampleId :
 TR-08-082820

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	34.1	51.1
54	49.2	41.0	61.6

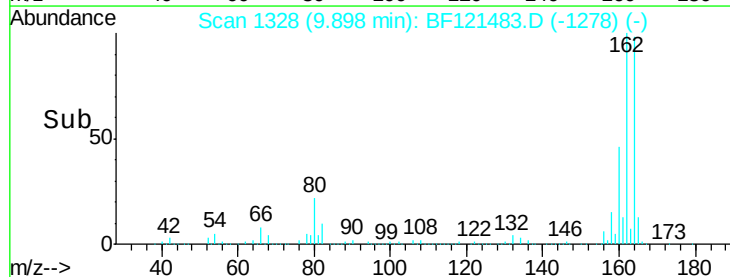
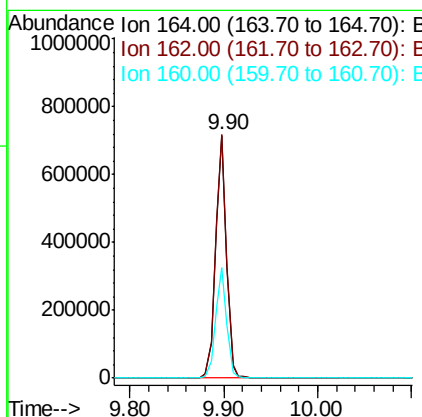
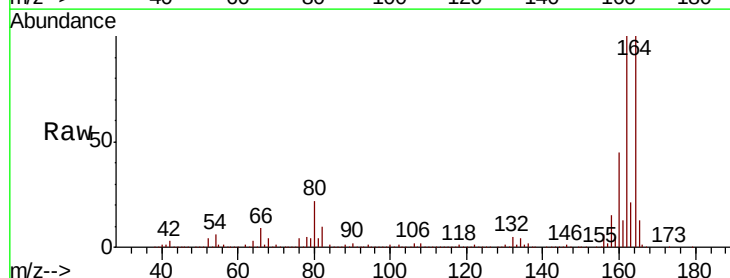
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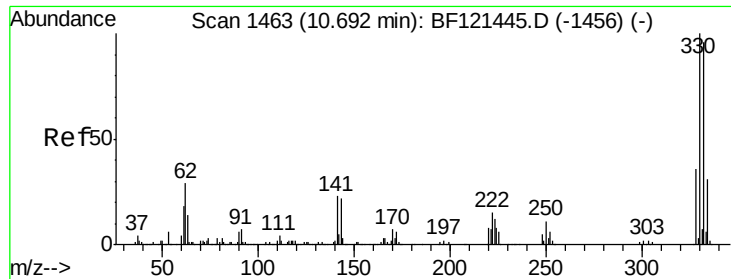
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF121483.D
 Acq: 31 Aug 2020 18:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.3	82.4	123.6
160	45.6	37.6	56.4





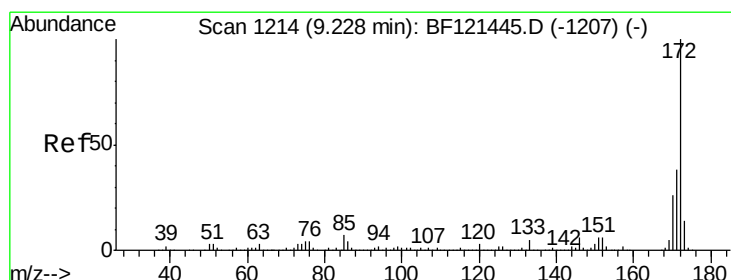
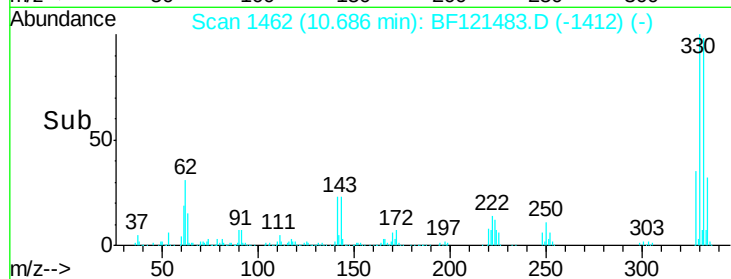
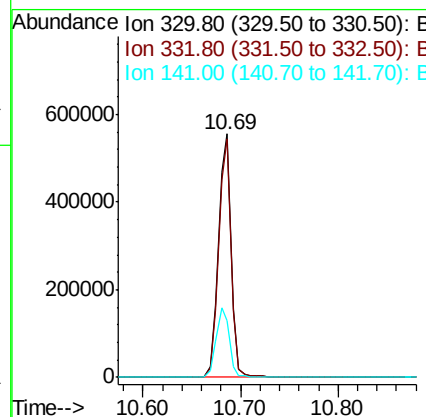
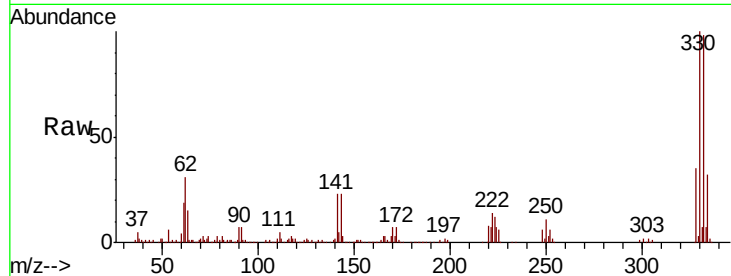
#42
 2,4,6-Tribromophenol
 Concen: 84.072 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF121483.D
 Acq: 31 Aug 2020 18:00

Instrument :
 BNA_F
 ClientSampleId :
 TR-08-082820

Tot Ion	Ratio	Resp	Lower	Upper
330	100	501196		
332	96.7		76.2	114.2
141	29.5		24.6	36.8

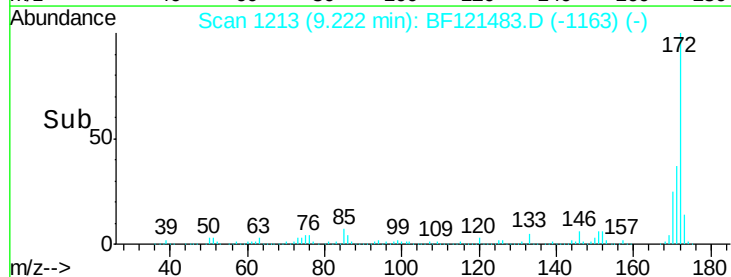
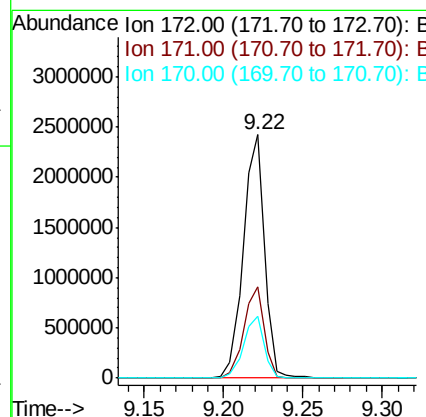
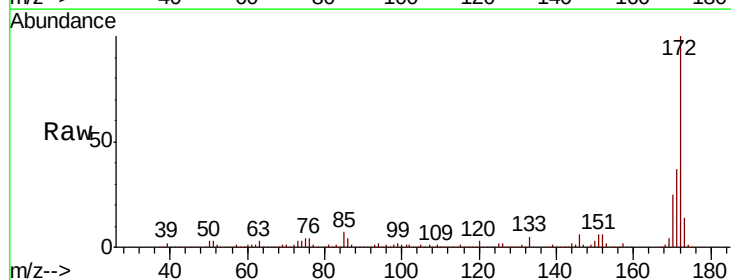
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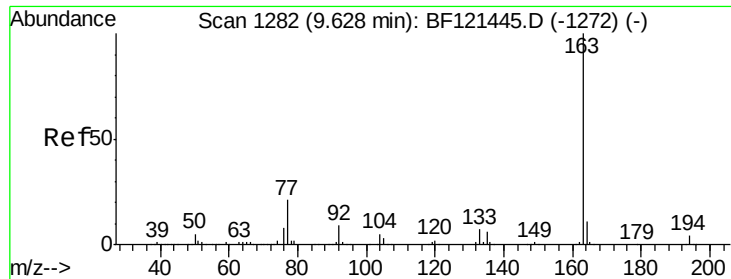
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#45
 2-Fluorobiphenyl
 Concen: 61.276 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF121483.D
 Acq: 31 Aug 2020 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2241429		
171	37.3		30.6	45.8
170	25.3		20.6	31.0





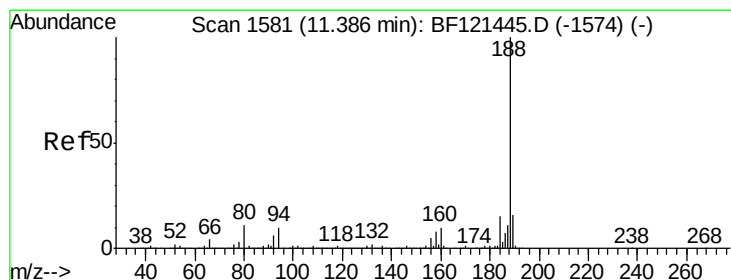
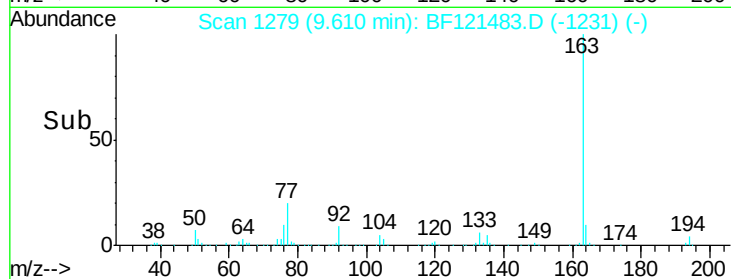
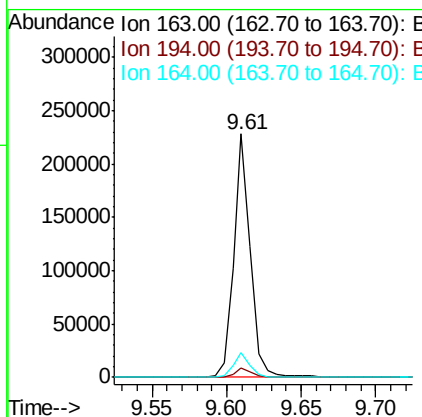
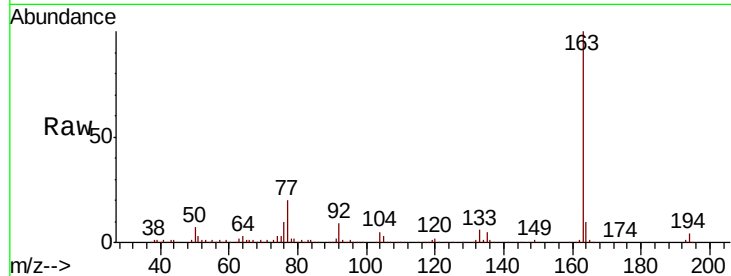
#50
Dimethylphthalate
Concen: 4.432 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF121483.D
Acq: 31 Aug 2020 18:00

Instrument :
BNA_F
ClientSampleId :
TR-08-082820

Tot Ion	Ratio	Resp	Lower	Upper
163	100	179685		
194	3.9		3.3	4.9
164	10.2		8.6	12.8

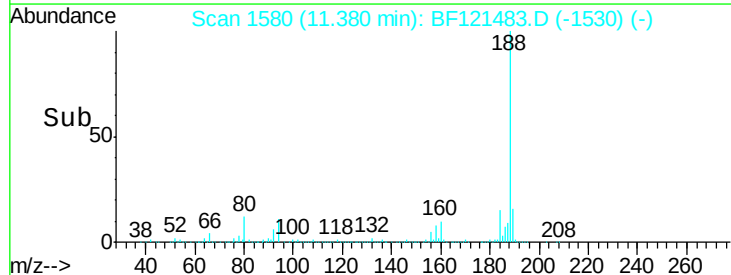
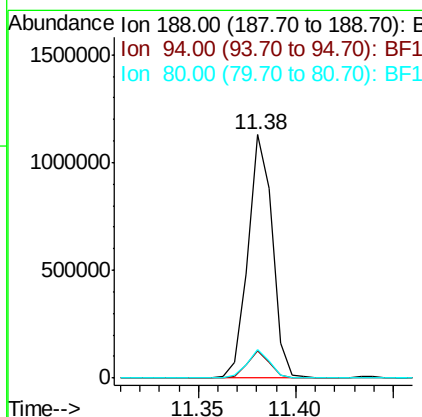
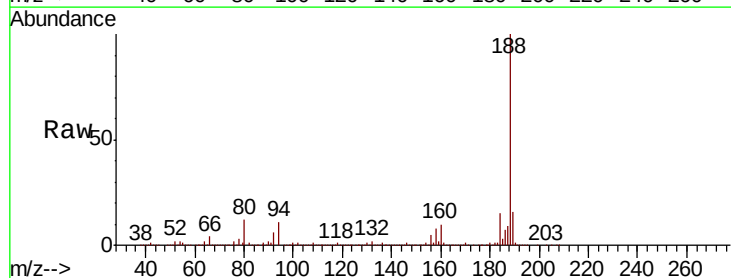
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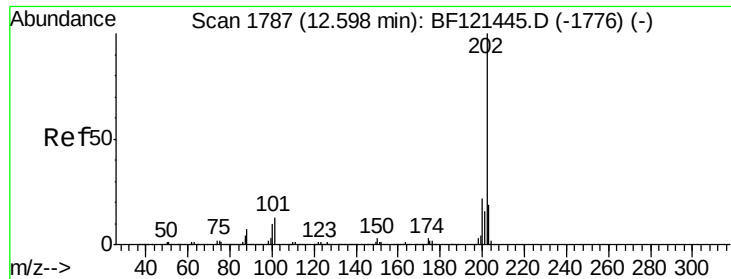
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF121483.D
Acq: 31 Aug 2020 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	972364		
94	11.1		8.3	12.5
80	11.6		8.6	13.0





#75

Fluoranthene

Concen: 4.602 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF121483.D

Acq: 31 Aug 2020 18:00

Instrument :

BNA_F

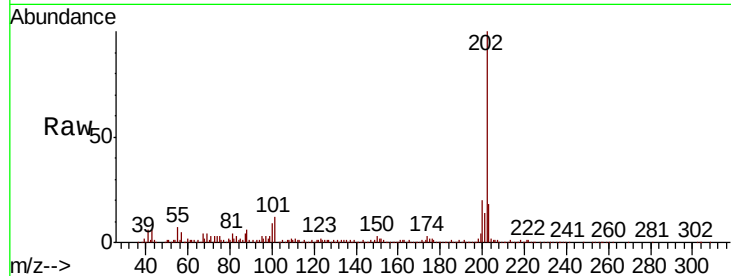
ClientSampleId :

TR-08-082820

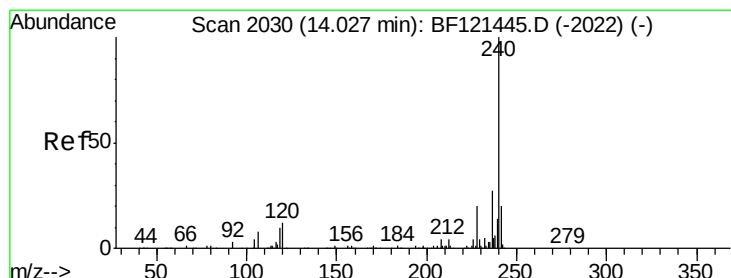
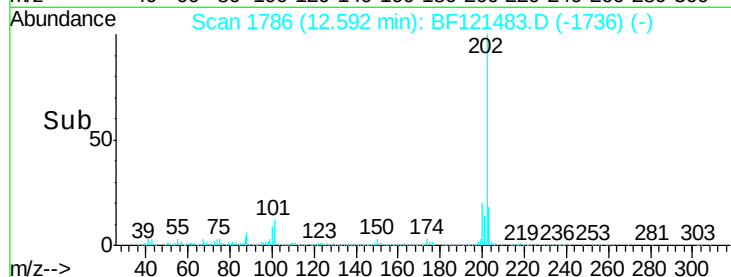
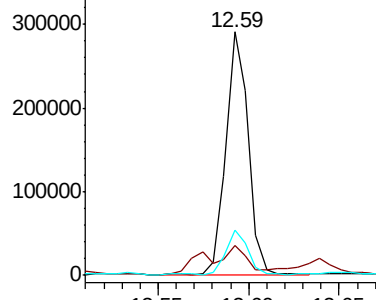
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		247504		
101	12.3	0.0	33.3		
203	18.4	0.0	39.1		

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

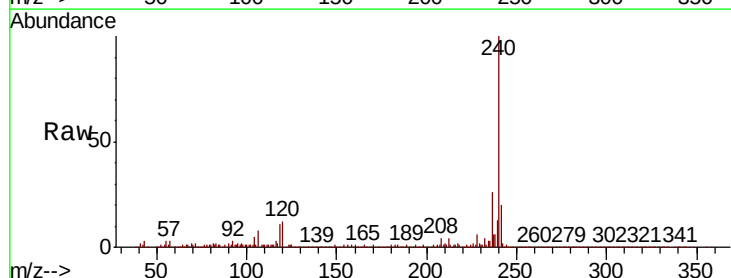
RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

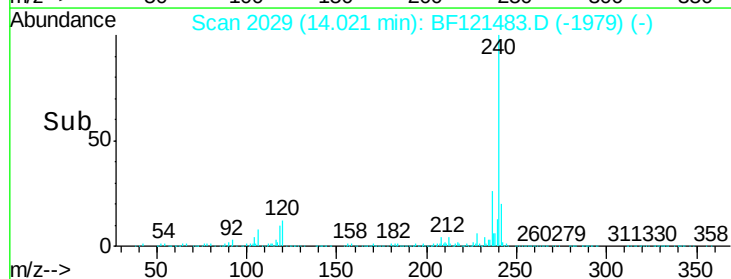
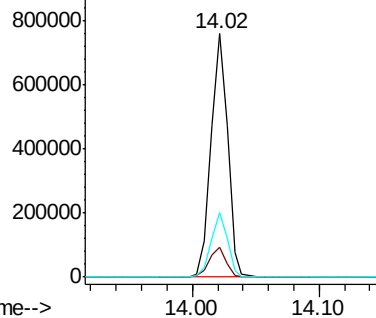
Lab File: BF121483.D

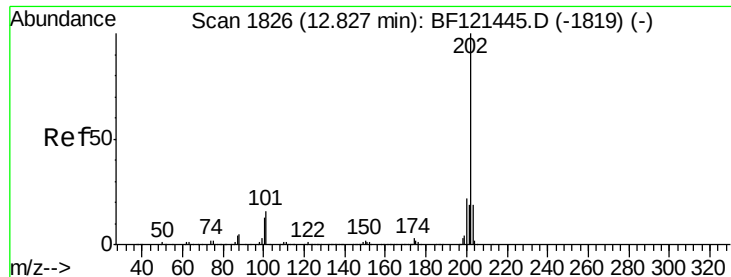
Acq: 31 Aug 2020 18:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		678160		
120	12.1	9.5	14.3		
236	26.3	21.8	32.6		



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 6.197 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF121483.D

Acq: 31 Aug 2020 18:00

Instrument :

BNA_F

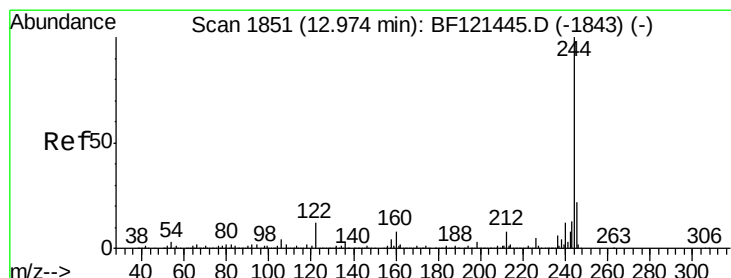
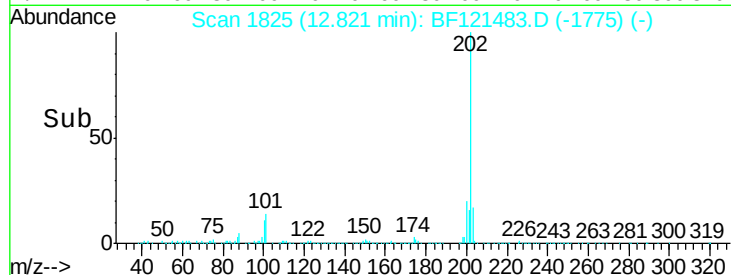
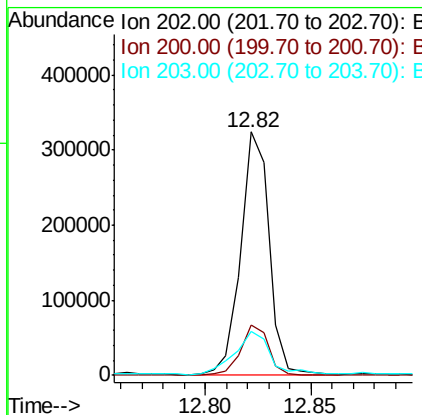
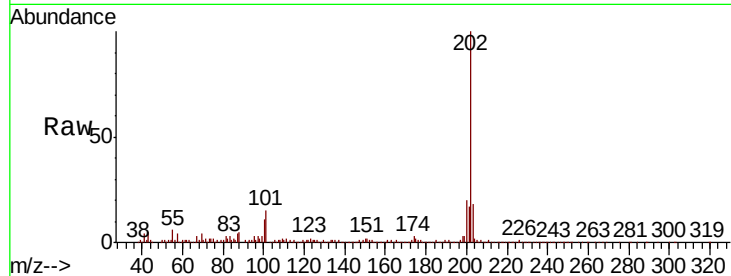
ClientSampleId :

TR-08-082820

Tot Ion:	202	Resp:	300144
Ion Ratio		Lower	Upper
202	100		
200	20.5	18.0	27.0
203	17.9	15.3	22.9

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#79

Terphenyl-d14

Concen: 55.927 ng

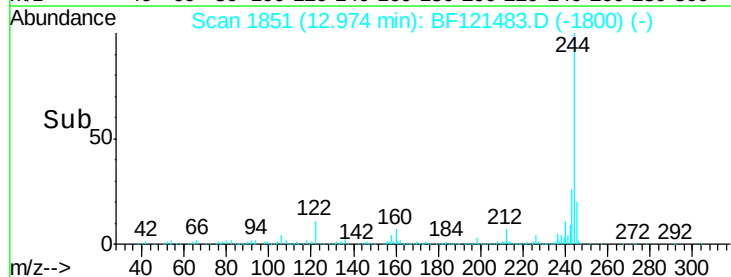
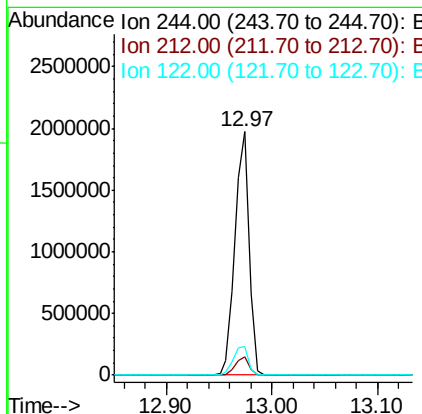
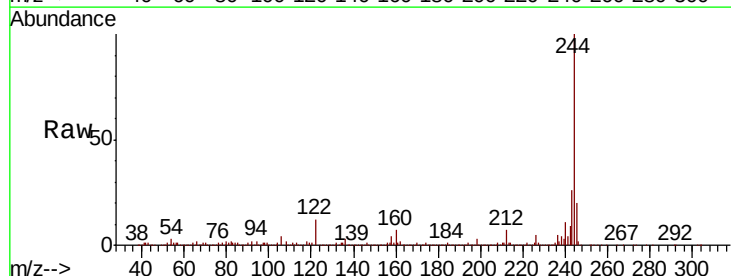
RT: 12.97 min Scan# 1851

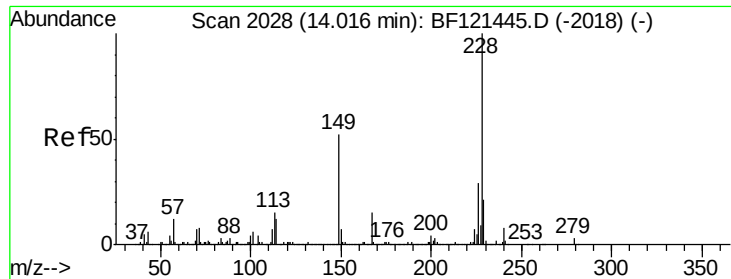
Delta R.T. 0.00 min

Lab File: BF121483.D

Acq: 31 Aug 2020 18:00

Tgt Ion:	244	Resp:	1801808
Ion Ratio		Lower	Upper
244	100		
212	7.4	6.3	9.5
122	11.5	9.5	14.3





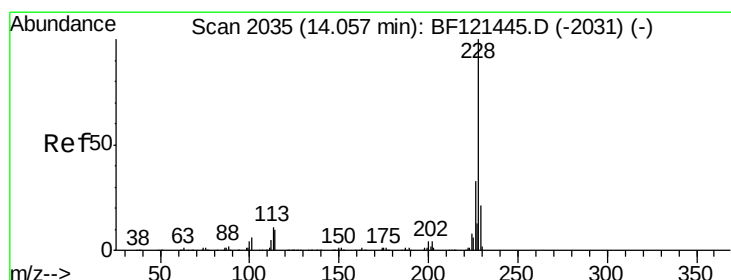
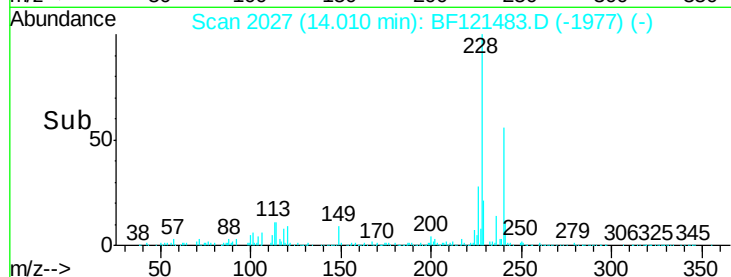
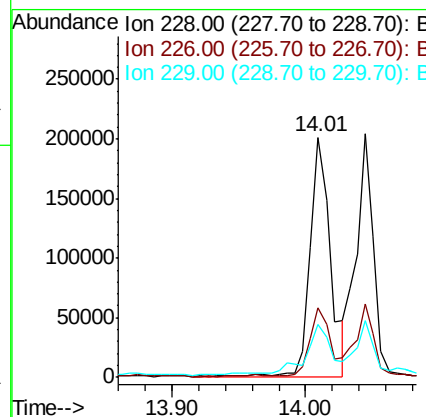
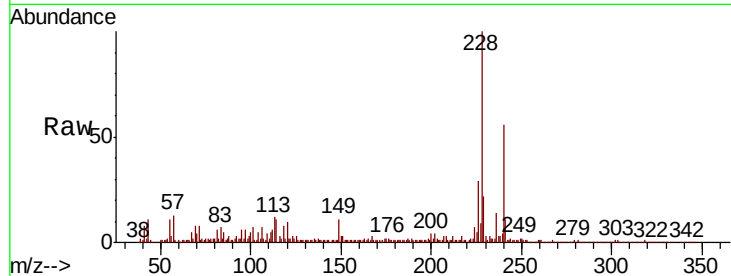
#81
Benzo(a)anthracene
Concen: 4.995 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF121483.D
Acq: 31 Aug 2020 18:00

Instrument :
BNA_F
ClientSampleId :
TR-08-082820

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.0	34.4
229	21.8	16.6	24.8

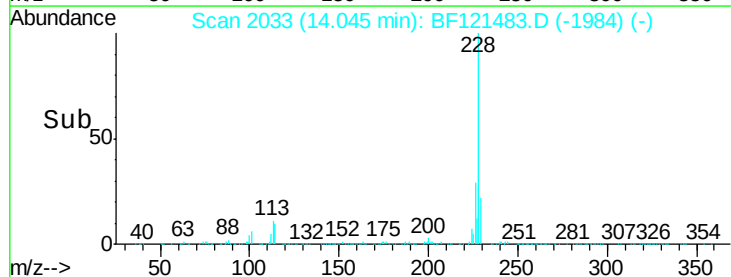
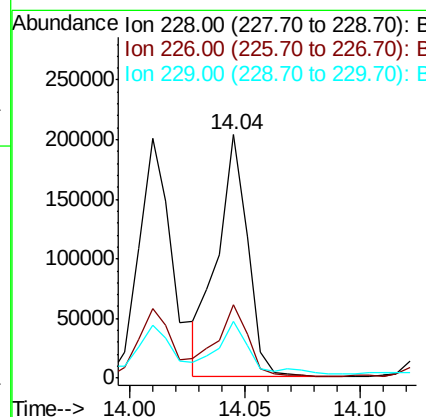
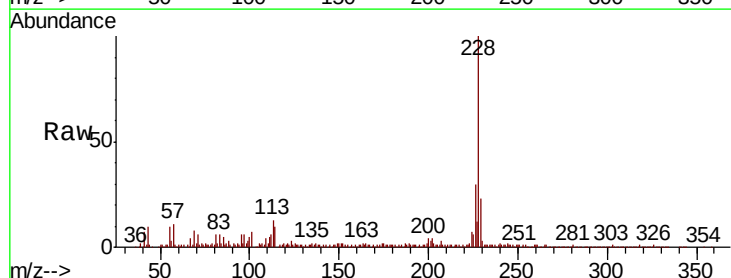
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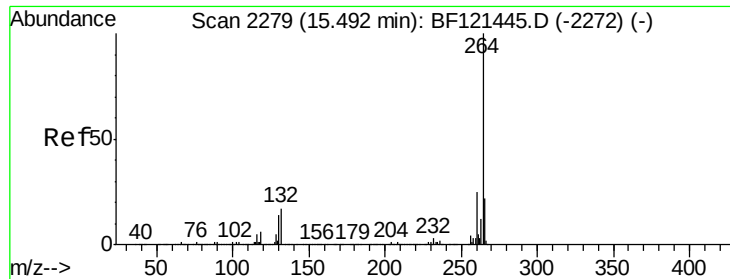
mohammad
9/2/2020 1:56:04 PM



#83
Chrysene
Concen: 4.495 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF121483.D
Acq: 31 Aug 2020 18:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	26.2	39.2
229	23.5	16.6	25.0





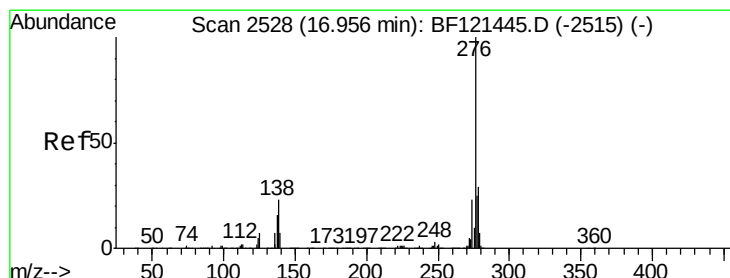
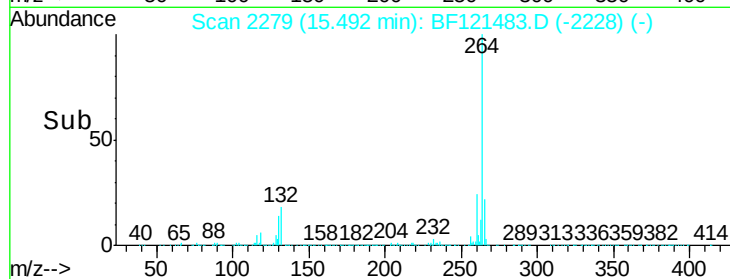
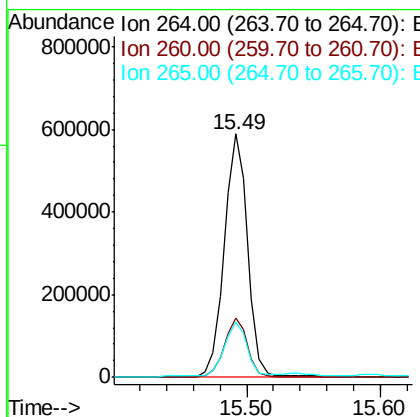
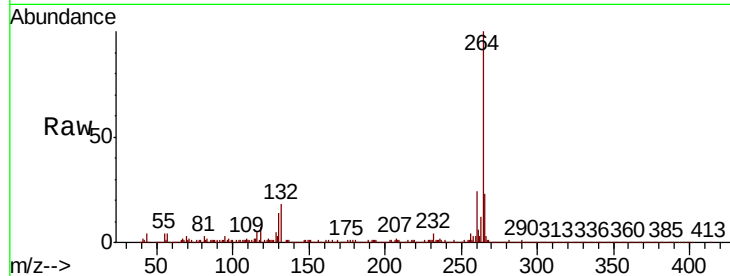
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF121483.D
Acq: 31 Aug 2020 18:00

Instrument :
BNA_F
ClientSampleId :
TR-08-082820

Tot Ion:	264	Resp:	721205
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.6	29.4
265	22.6	17.8	26.6

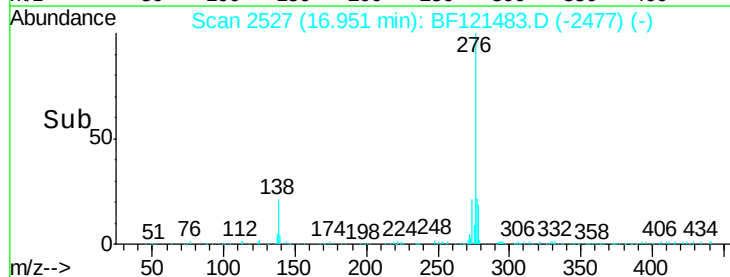
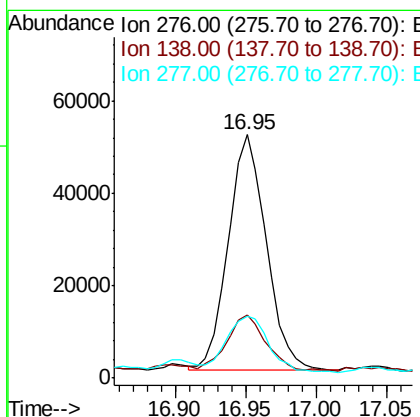
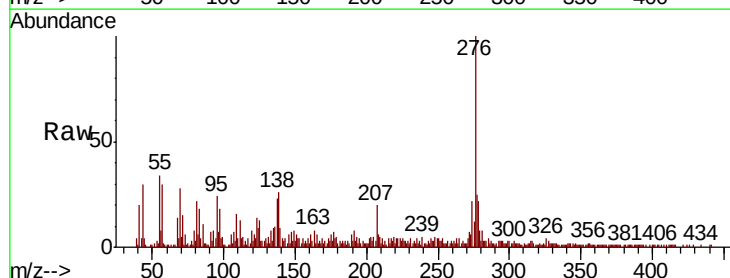
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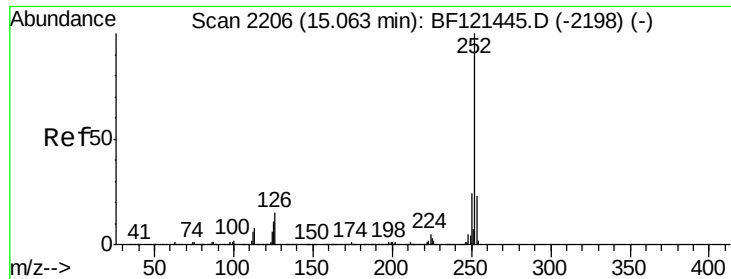
mohammad
9/2/2020 1:56:04 PM



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.156 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BF121483.D
Acq: 31 Aug 2020 18:00

Tgt Ion:	276	Resp:	95662
Ion Ratio	Lower	Upper	
276	100		
138	23.7	20.6	31.0
277	25.9	20.5	30.7





#88

Benzo(b)fluoranthene

Concen: 5.948 ng/mL

RT: 15.06 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BF121483.D

Acq: 31 Aug 2020 18:00

Instrument :

BNA_F

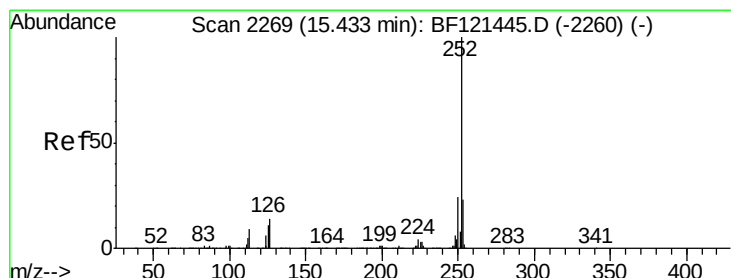
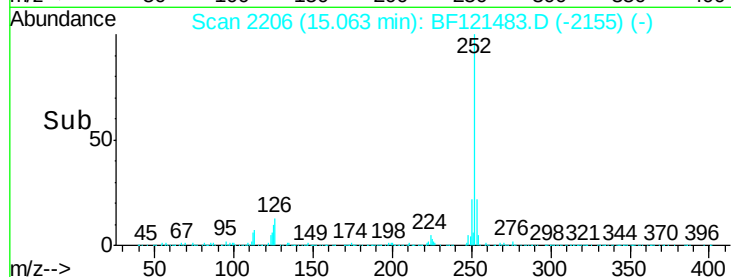
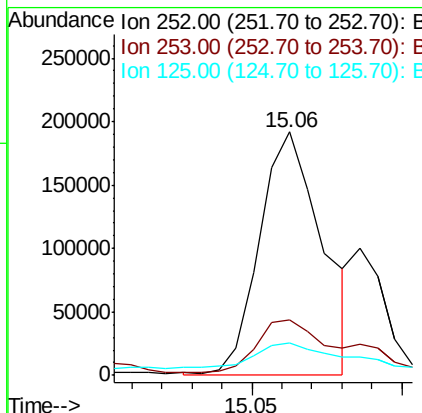
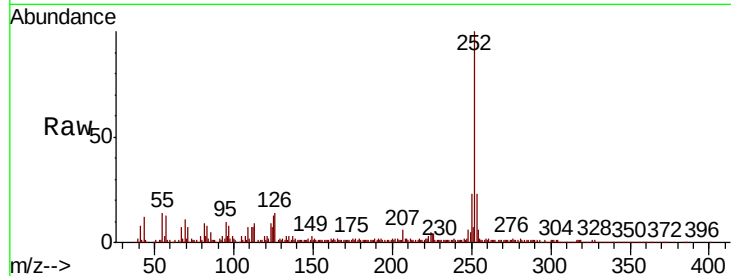
ClientSampleId :

TR-08-082820

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.3	27.5
125	13.1	9.2	13.8

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#90

Benzo(a)pyrene

Concen: 4.261 ng/mL

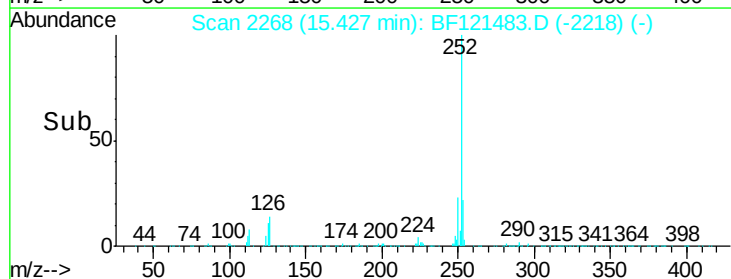
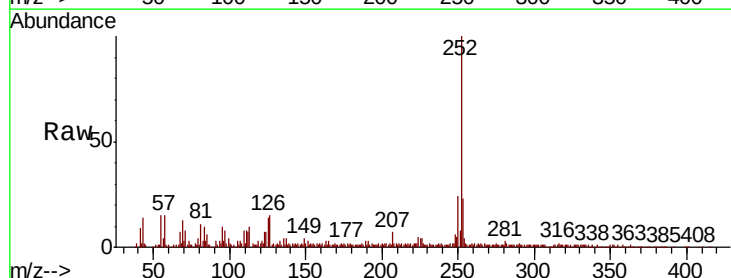
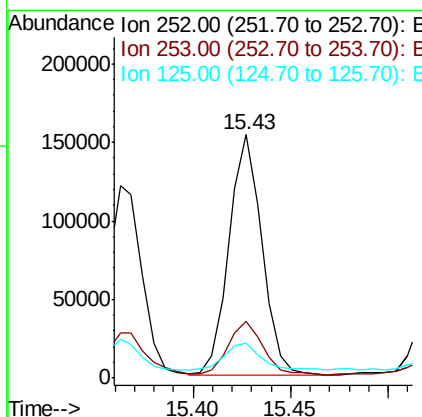
RT: 15.43 min Scan# 2268

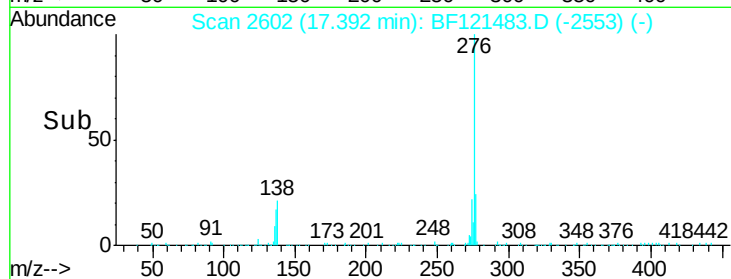
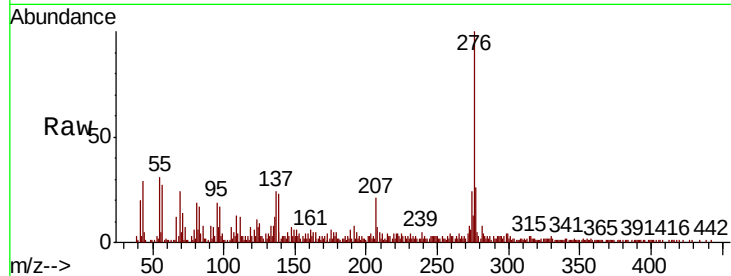
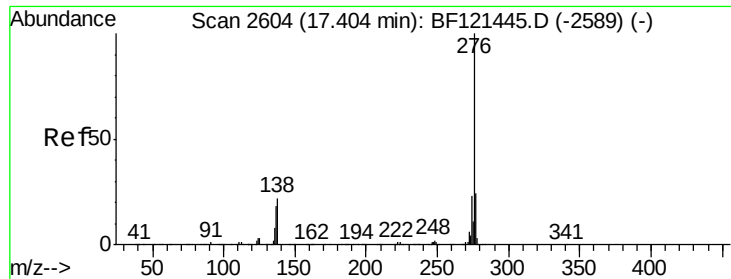
Delta R.T. -0.01 min

Lab File: BF121483.D

Acq: 31 Aug 2020 18:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	14.4	9.0	13.4





#92
Benzo(a,h,i)perylene
Concen: 2.837 ng
RT: 17.39 min Scan# 2602
Delta R.T. -0.01 min
Lab File: BF121483.D
Acq: 31 Aug 2020 18:00

Instrument :
BNA_F
ClientSampleId :
TR-08-082820

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.9	18.9	28.3
138	23.1	17.4	26.0

Manual Integrations
APPROVED

mohammad
9/2/2020 1:56:04 PM

