

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081120\
 Data File : BF121253.D
 Acq On : 11 Aug 2020 21:56
 Operator : JU/CG
 Sample : L3637-07 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CAR-WASH-AREA-1

Manual Integrations
 APPROVED

mohammad
 8/12/2020 1:47:47 PM

Quant Time: Aug 12 11:03:54 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	152041	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	599450	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	316360	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	618197	20.00	ng	0.00
76) Chrysene-d12	13.96	240	426763	20.00	ng	0.00
86) Perylene-d12	15.42	264	416629	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	393427	42.42	ng	-0.01
7) Phenol-d6	6.43	99	490959	40.98	ng	-0.01
23) Nitrobenzene-d5	7.36	82	311723	30.09	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	154775	44.70	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	609894	28.78	ng	-0.01
79) Terphenyl-d14	12.90	244	575626	29.32	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.55	163	46354	2.031	ng	99
71) Phenanthrene	11.35	178	117801	3.705	ng	98
75) Fluoranthene	12.53	202	309420	8.780	ng	98
78) Pyrene	12.76	202	329806	10.931	ng	98
81) Benzo(a)anthracene	13.95	228	129969	5.029	ng	98
83) Chrysene	13.99	228	161619	5.951	ng	97
84) Bis(2-ethylhexyl)phthalate	13.94	149	52572	3.170	ng	98
87) Indeno(1,2,3-cd)pyrene	16.85	276	73308	2.530	ng	96
88) Benzo(b)fluoranthene	15.00	252	192240m	7.634	ng	
89) Benzo(k)fluoranthene	15.02	252	52049m	2.266	ng	
90) Benzo(a)pyrene	15.36	252	105046	4.572	ng	95
92) Benzo(a,h,i)perylene	17.29	276	72239	3.095	ng	93

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

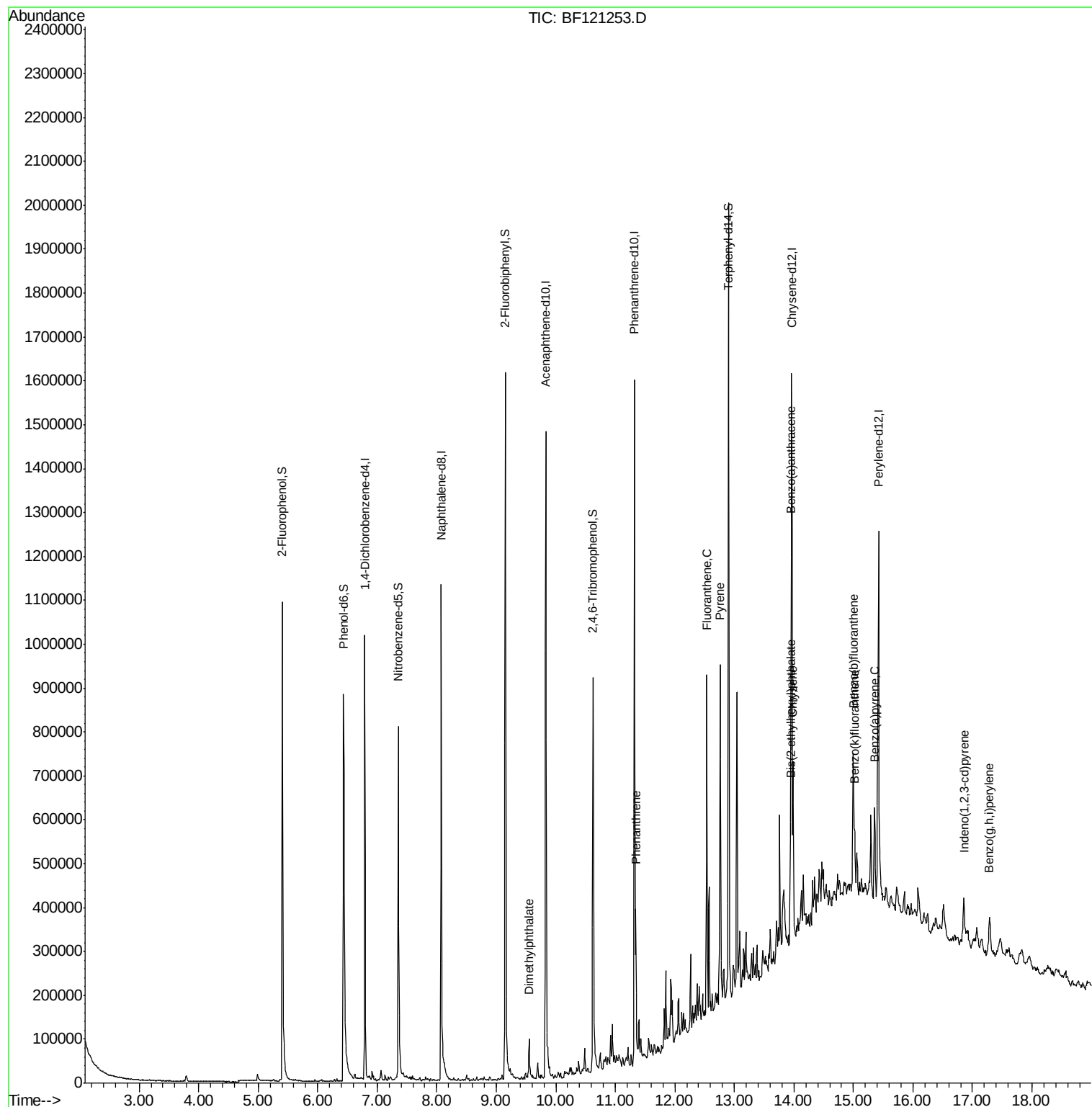
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081120\
Data File : BF121253.D
Acq On : 11 Aug 2020 21:56
Operator : JU/CG
Sample : L3637-07 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

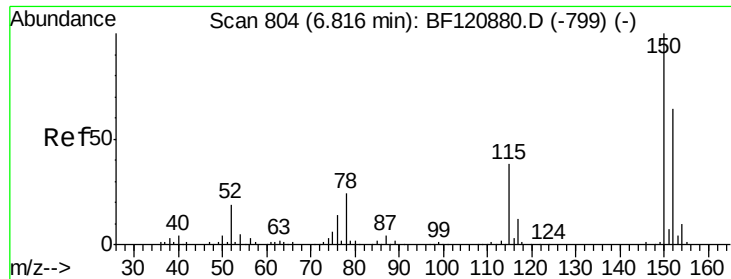
Instrument :
BNA_F
ClientSampleId :
CAR-WASH-AREA-1

Manual Integrations
APPROVED

mohammad
8/12/2020 1:47:47 PM

Quant Time: Aug 12 11:03:54 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





#1

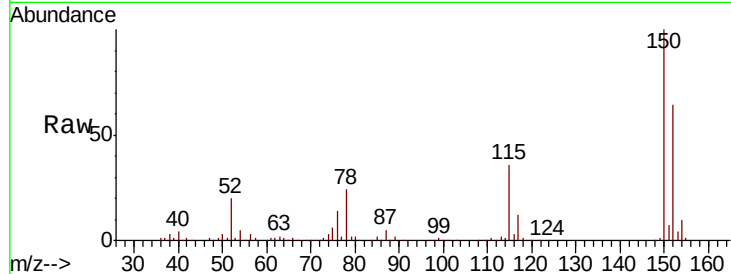
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121253.D
Acq: 11 Aug 2020 21:56

Instrument :
BNA_F
ClientSampleId :
CAR-WASH-AREA-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	125.6	188.4
115	56.2	46.2	69.2

Manual Integrations
APPROVED

mohammad
8/12/2020 1:47:47 PM

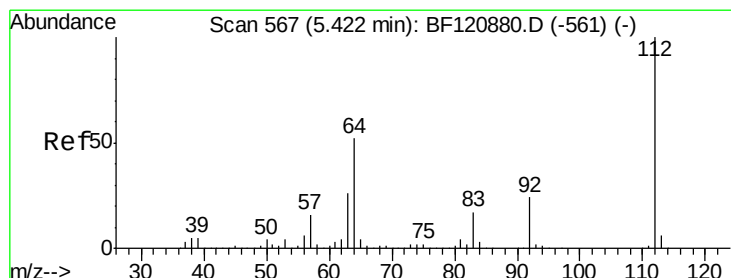
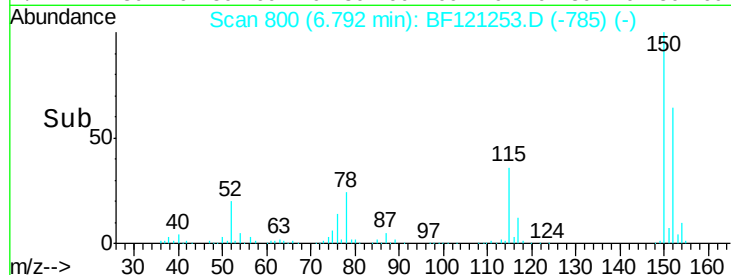
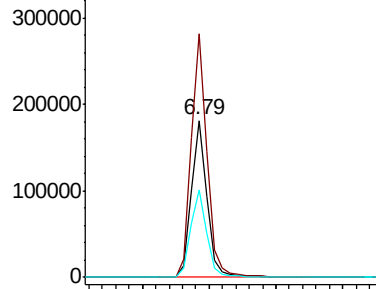


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

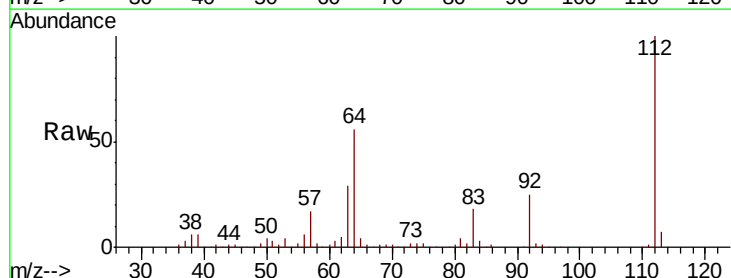
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 42.421 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF121253.D
Acq: 11 Aug 2020 21:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	43.9	65.9
63	28.7	22.7	34.1

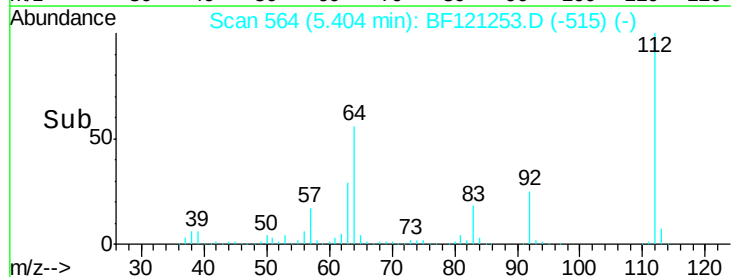
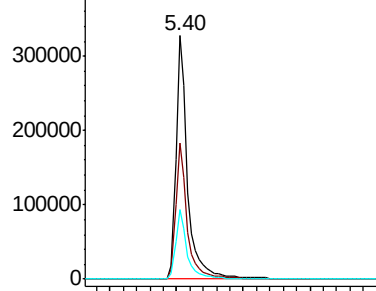


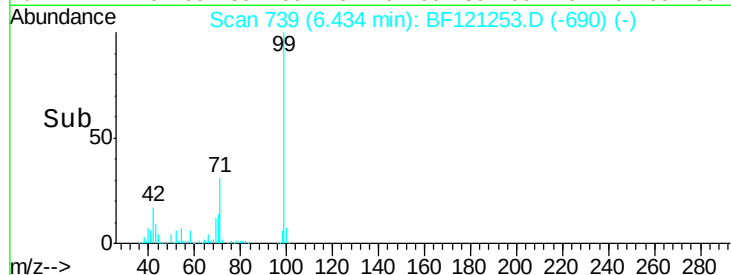
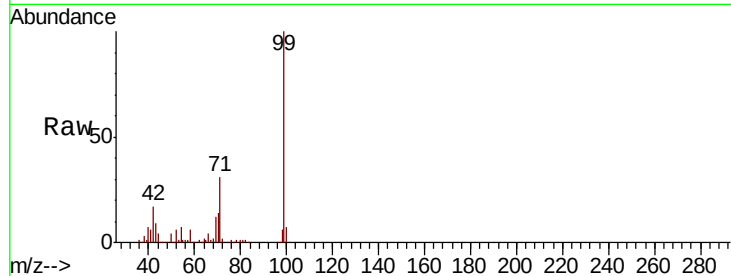
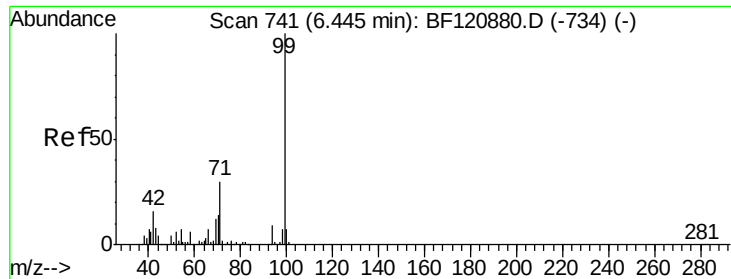
Abundance

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: 40.981 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121253.D

Acq: 11 Aug 2020 21:56

Tot Ion:	99	Resp:	490959
Ion Ratio	Lower	Upper	
99	100		
42	17.2	13.5	20.3
71	31.0	25.0	37.4

Instrument :

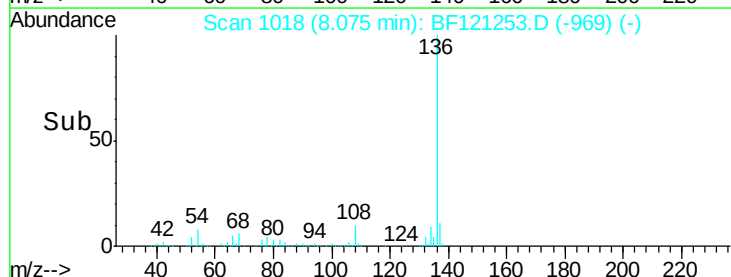
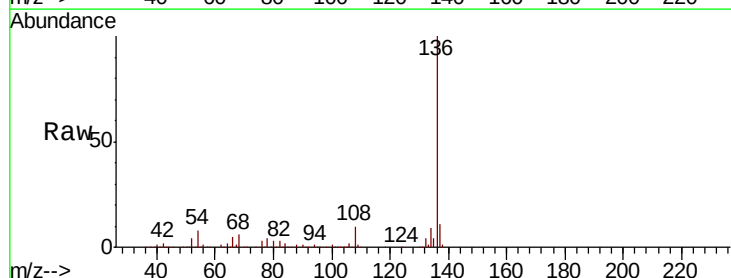
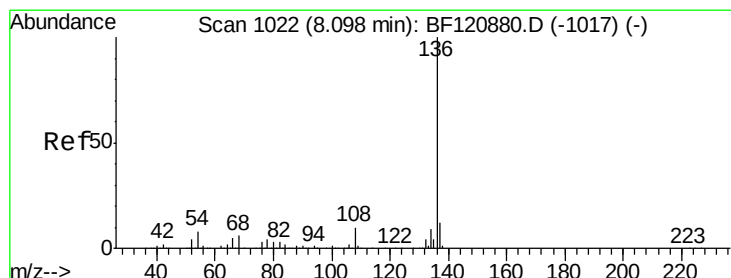
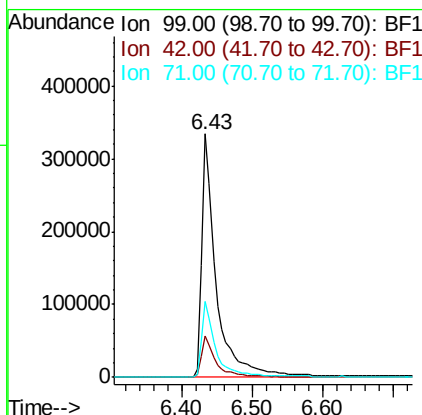
BNA_F

ClientSampleId :

CAR-WASH-AREA-1

Manual Integrations
APPROVED

mohammad
8/12/2020 1:47:47 PM



#21

Naphthalene-d8

Concen: 20.000 ng

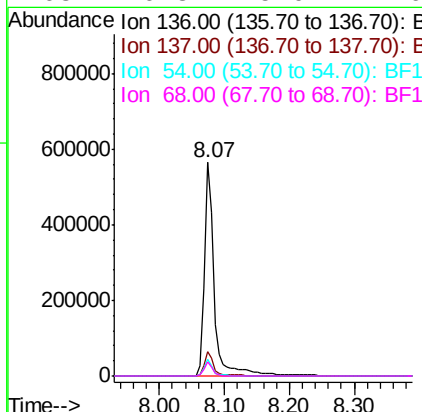
RT: 8.07 min Scan# 1018

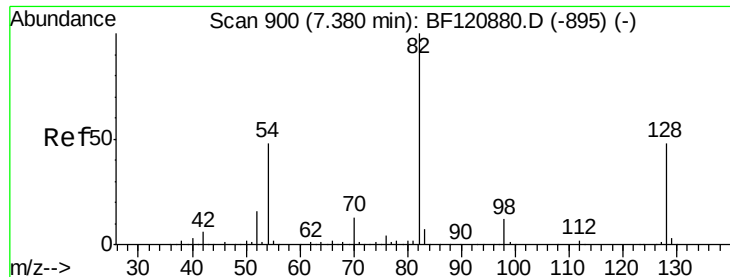
Delta R.T. -0.01 min

Lab File: BF121253.D

Acq: 11 Aug 2020 21:56

Tgt Ion:	136	Resp:	599450
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.0	13.4
54	7.8	6.1	9.1
68	6.3	5.0	7.6





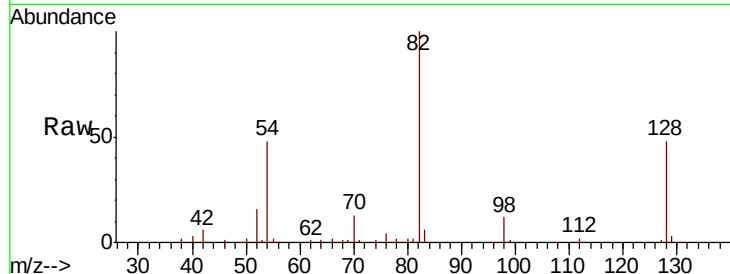
#23
 Nitrobenzene-d5
 Concen: 30.090 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.02 min
 Lab File: BF121253.D
 Acq: 11 Aug 2020 21:56

Instrument :
 BNA_F
 ClientSampleId :
 CAR-WASH-AREA-1

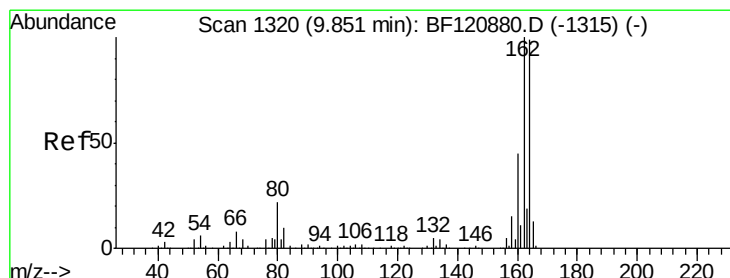
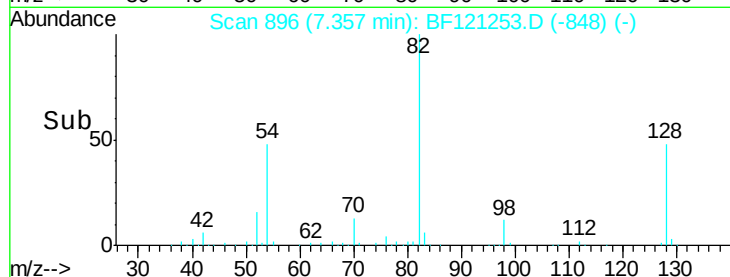
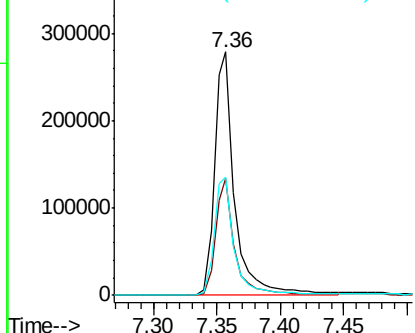
Tot Ion:	82	Resp:	311723
Ion Ratio	Lower	Upper	
82	100		
128	48.0	39.2	58.8
54	48.5	37.8	56.8

Manual Integrations
 APPROVED

mohammad
 8/12/2020 1:47:47 PM

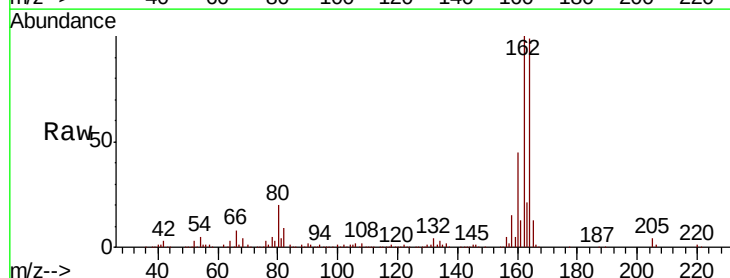


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

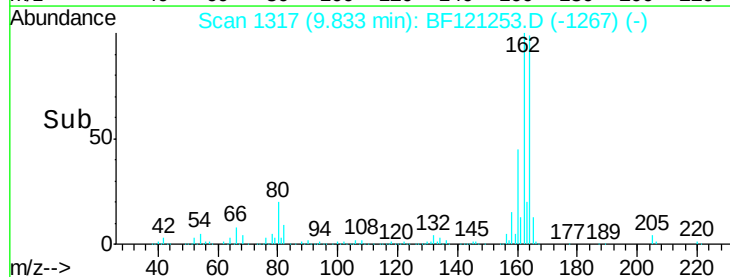
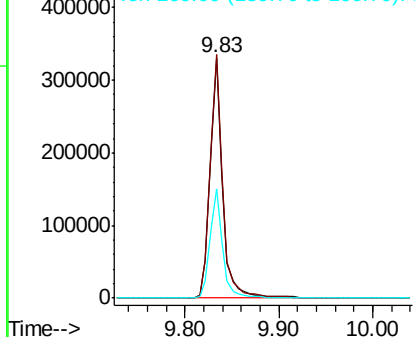


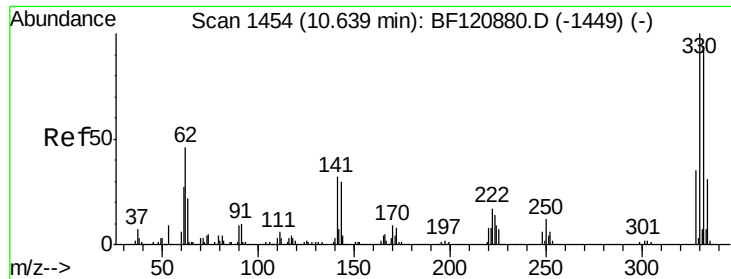
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF121253.D
 Acq: 11 Aug 2020 21:56

Tgt Ion:	164	Resp:	316360
Ion Ratio	Lower	Upper	
164	100		
162	101.3	82.2	123.2
160	45.5	37.2	55.8



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





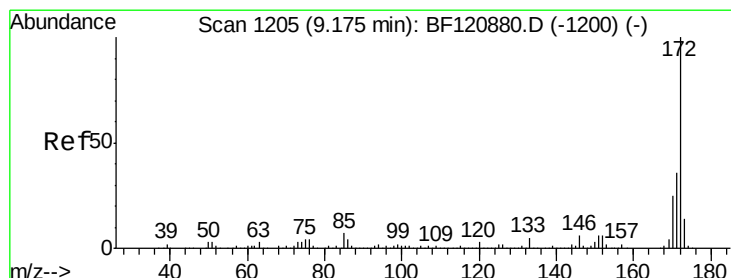
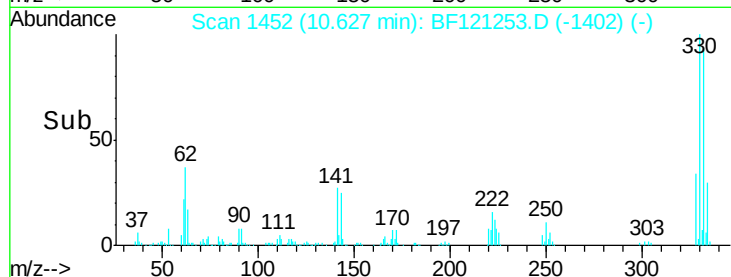
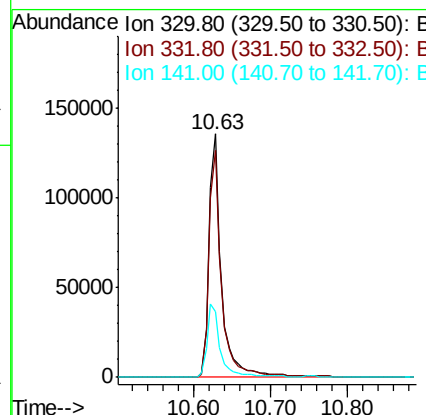
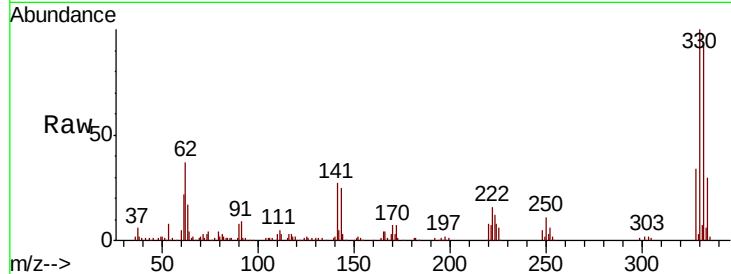
#42
 2,4,6-Tribromophenol
 Concen: 44.696 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF121253.D
 Acq: 11 Aug 2020 21:56

Instrument :
 BNA_F
 ClientSampleId :
 CAR-WASH-AREA-1

Tot Ion	Ratio	Resp	Lower	Upper
330	100	154775		
332	95.5	76.1	114.1	
141	32.4	24.1	36.1	

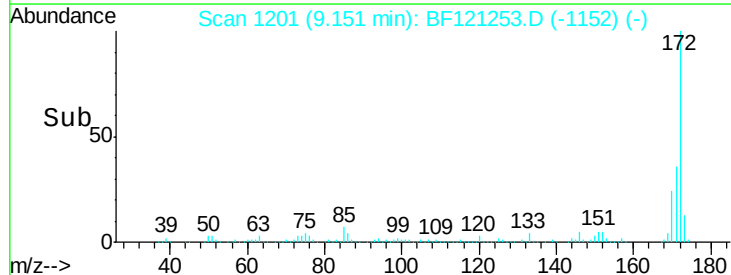
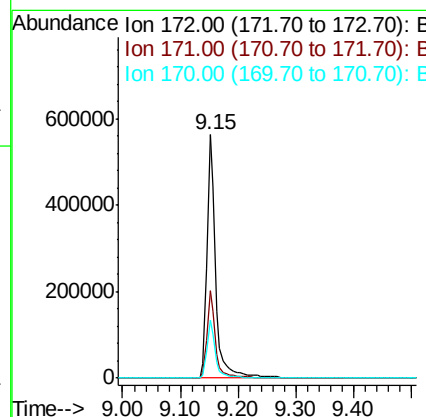
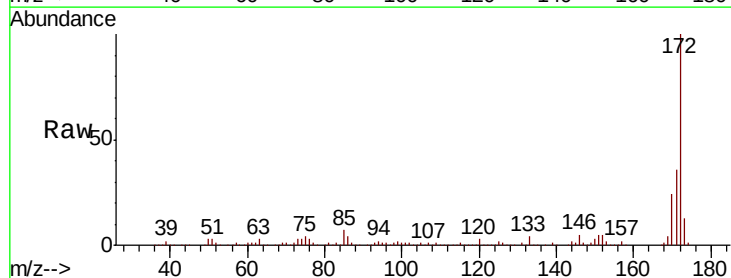
Manual Integrations
 APPROVED

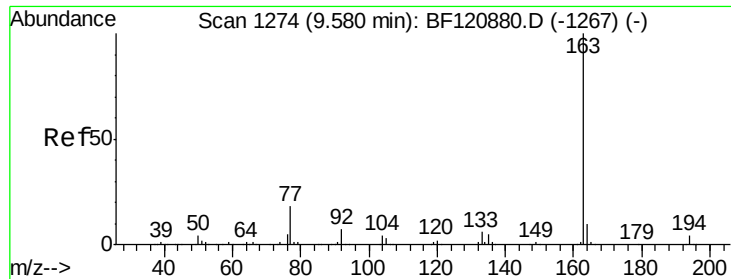
mohammad
 8/12/2020 1:47:47 PM



#45
 2-Fluorobiphenyl
 Concen: 28.784 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF121253.D
 Acq: 11 Aug 2020 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	609894		
171	35.8	29.0	43.4	
170	23.7	19.6	29.4	





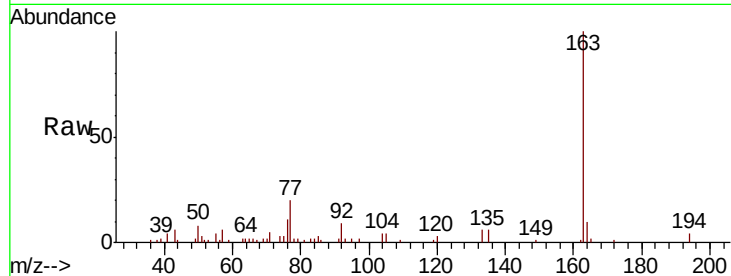
#50
Dimethylphthalate
Concen: 2.031 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF121253.D
Acq: 11 Aug 2020 21:56

Instrument :
BNA_F
ClientSampleId :
CAR-WASH-AREA-1

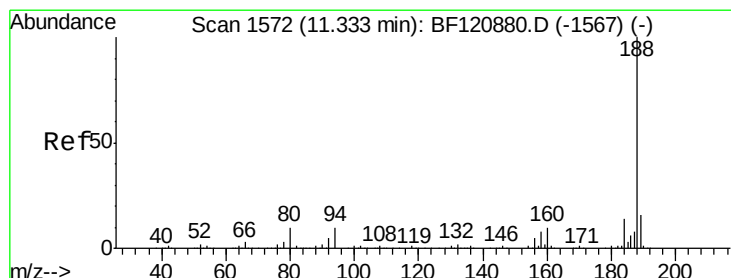
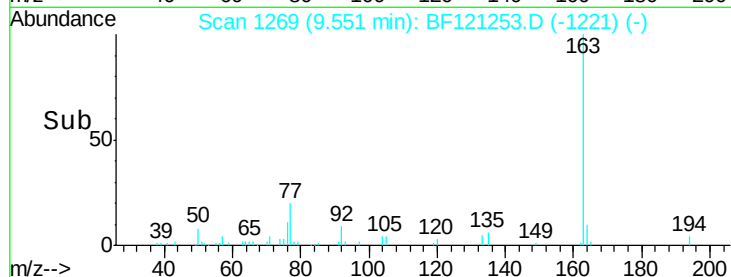
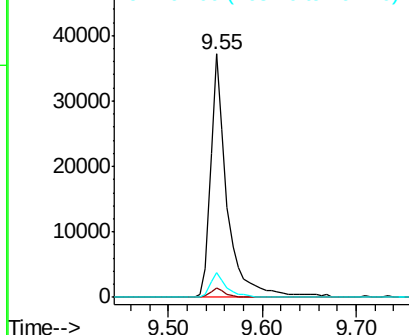
Tot Ion:	163	Resp:	46354
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.4
164	10.2	8.4	12.6

Manual Integrations
APPROVED

mohammad
8/12/2020 1:47:47 PM

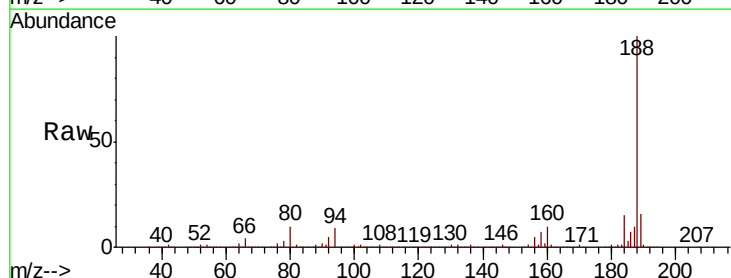


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

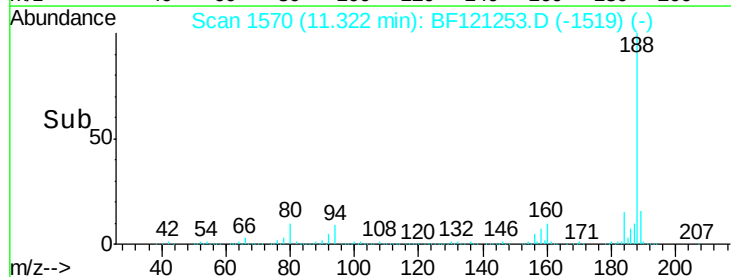
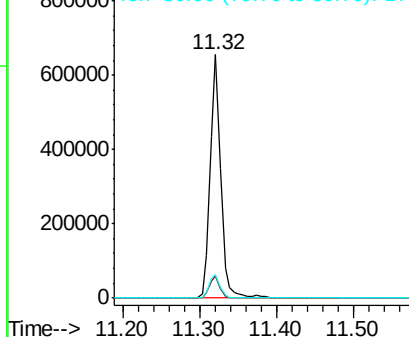


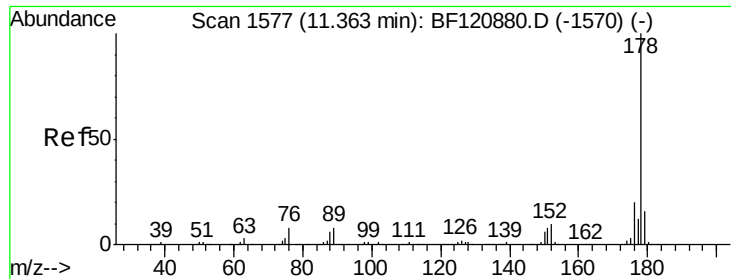
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF121253.D
Acq: 11 Aug 2020 21:56

Tgt Ion:	188	Resp:	618197
Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.0	12.0
80	9.6	8.3	12.5



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





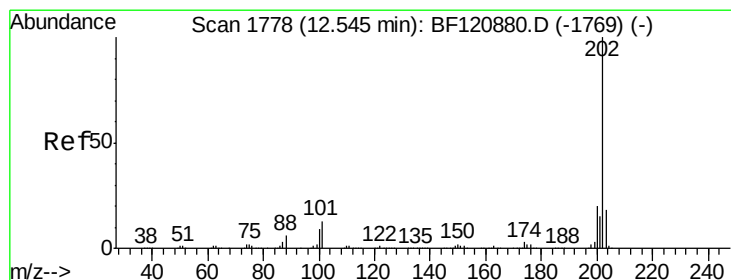
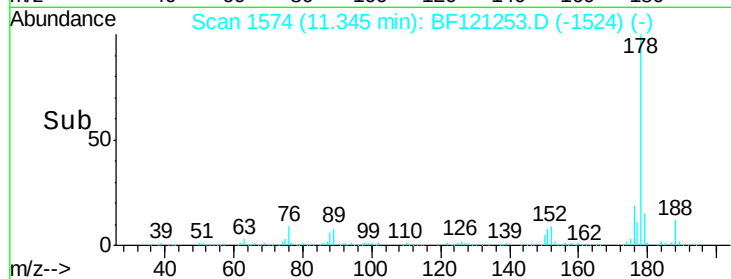
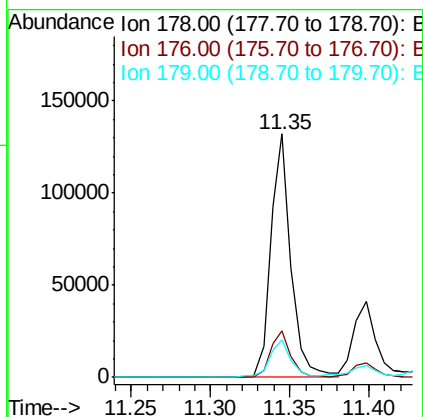
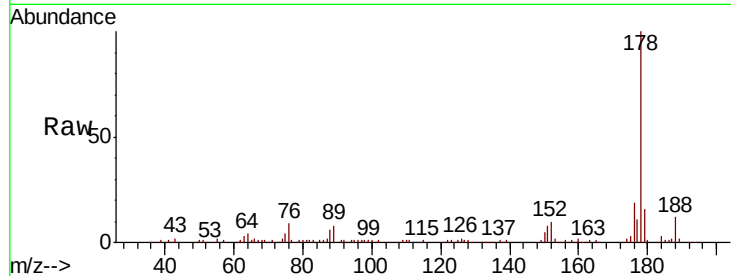
#71
Phenanthrene
Concen: 3.705 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF121253.D
Acq: 11 Aug 2020 21:56

Instrument :
BNA_F
ClientSampleId :
CAR-WASH-AREA-1

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.2	24.2
179	15.6	12.6	19.0

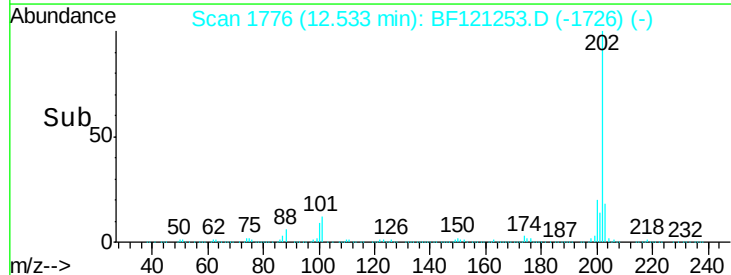
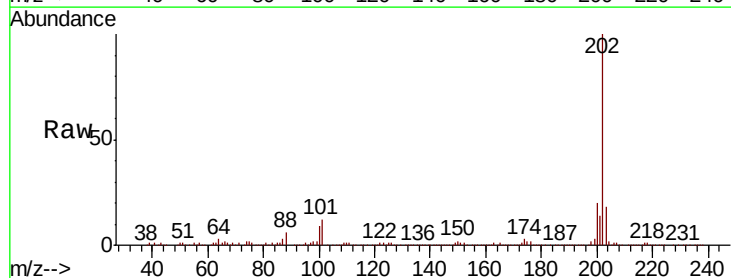
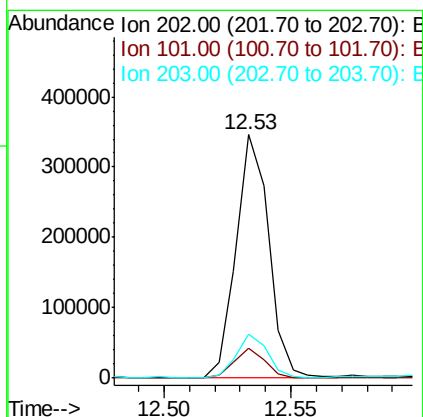
Manual Integrations
APPROVED

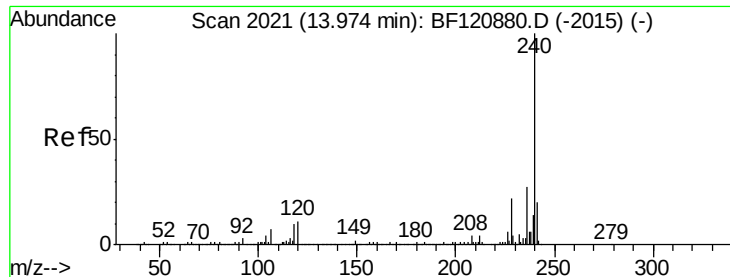
mohammad
8/12/2020 1:47:47 PM



#75
Fluoranthene
Concen: 8.780 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BF121253.D
Acq: 11 Aug 2020 21:56

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	30.5
203	18.0	0.0	37.7





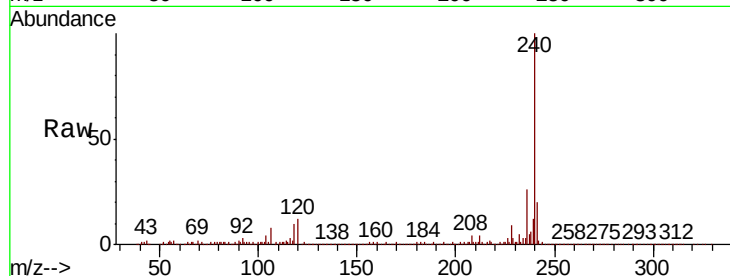
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BF121253.D
Acq: 11 Aug 2020 21:56

Instrument :
BNA_F
ClientSampleId :
CAR-WASH-AREA-1

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.3	13.9
236	26.2	21.1	31.7

Manual Integrations
APPROVED

mohammad
8/12/2020 1:47:47 PM

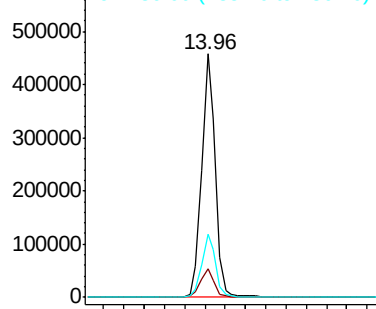


Abundance

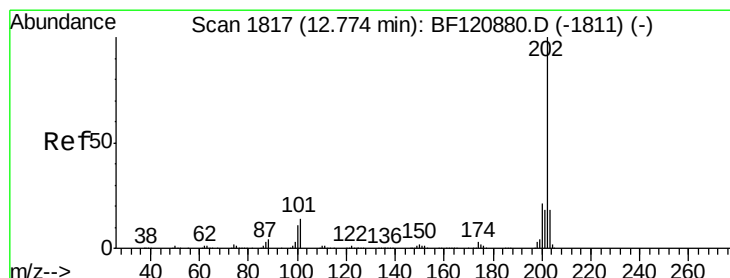
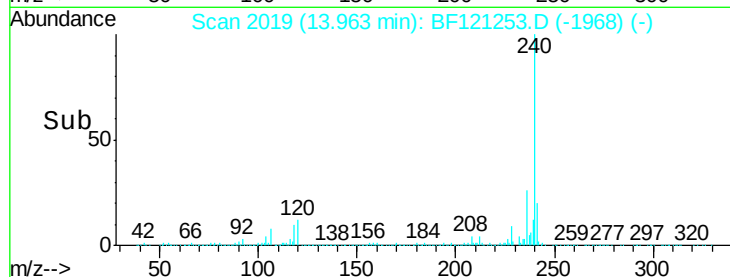
Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78
Pyrene
Concen: 10.931 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.00 min
Lab File: BF121253.D
Acq: 11 Aug 2020 21:56

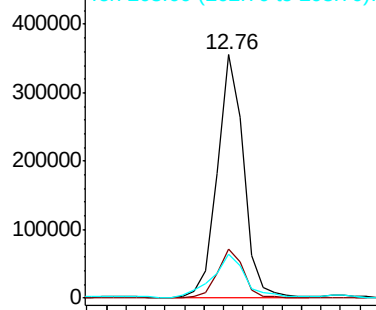
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.0	25.6
203	18.0	14.6	21.8

Abundance

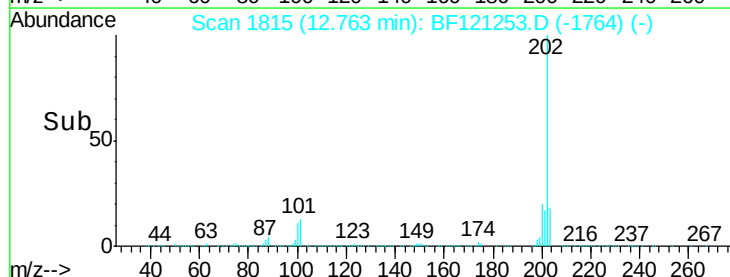
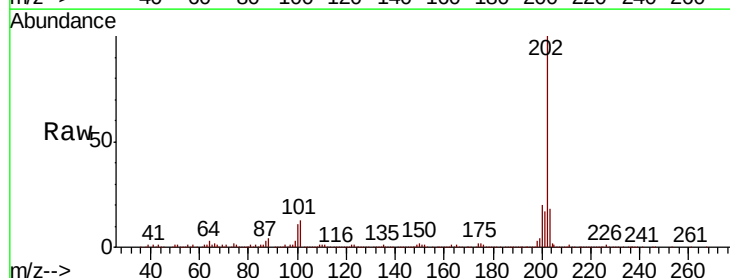
Ion 202.00 (201.70 to 202.70): E

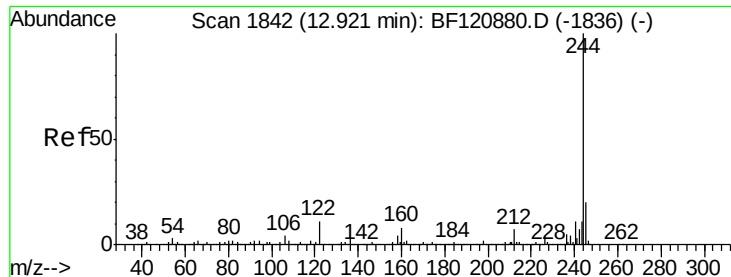
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





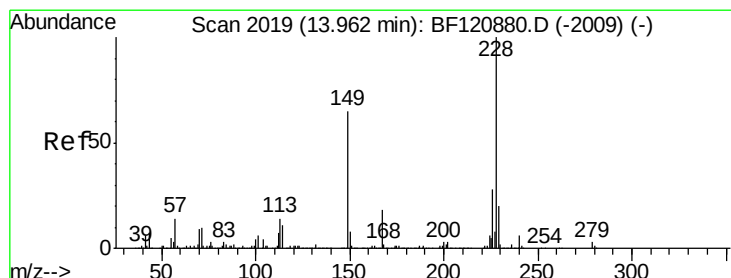
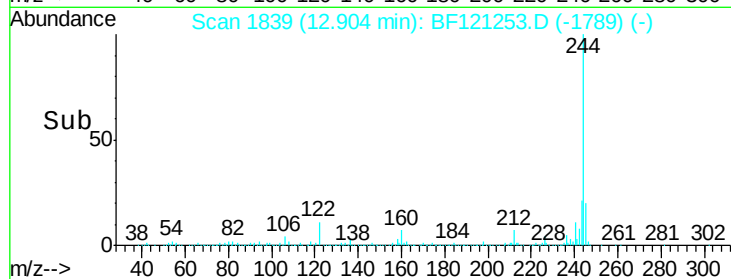
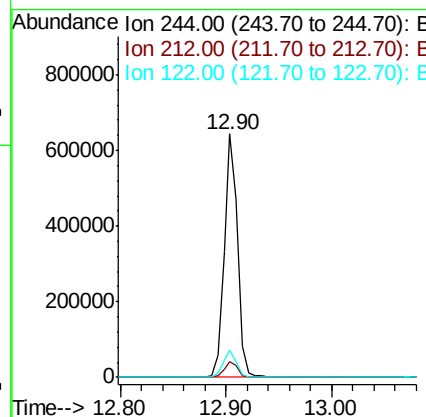
#79
 Terphenyl-d14
 Concen: 29.320 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF121253.D
 Acq: 11 Aug 2020 21:56

Instrument :
 BNA_F
 ClientSampleId :
 CAR-WASH-AREA-1

Tot Ion:	244	Resp:	575626
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.7	8.5
122	11.4	8.3	12.5

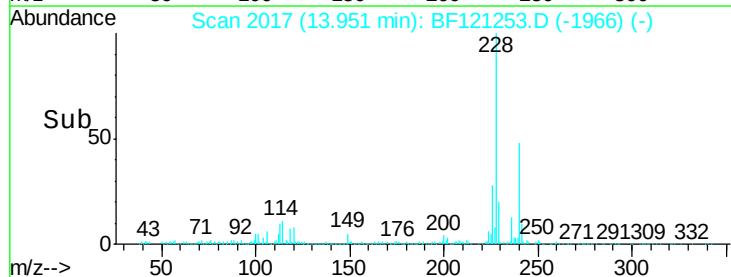
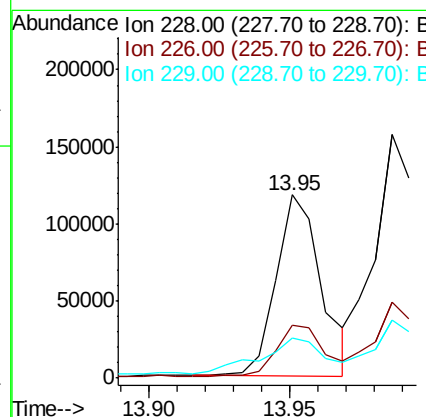
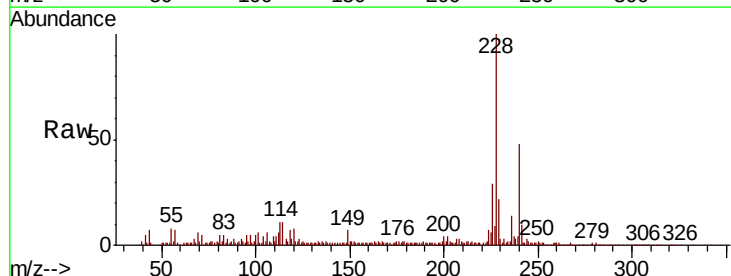
Manual Integrations
 APPROVED

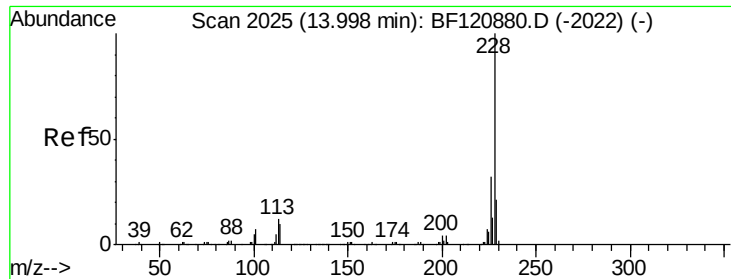
mohammad
 8/12/2020 1:47:47 PM



#81
 Benzo(a)anthracene
 Concen: 5.029 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.00 min
 Lab File: BF121253.D
 Acq: 11 Aug 2020 21:56

Tgt Ion:	228	Resp:	129969
Ion Ratio	Lower	Upper	
228	100		
226	28.6	22.6	34.0
229	21.7	16.1	24.1





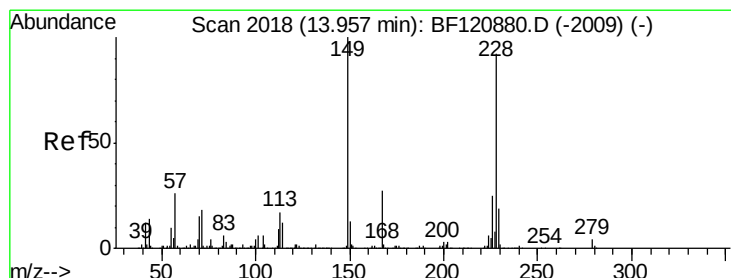
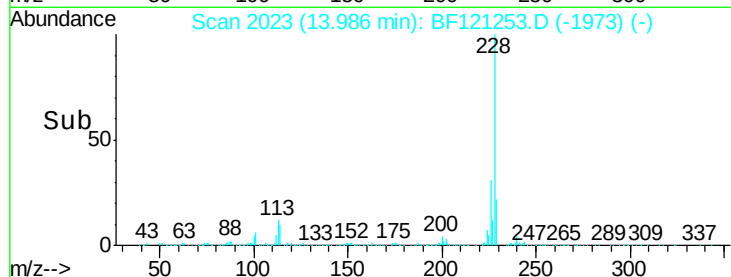
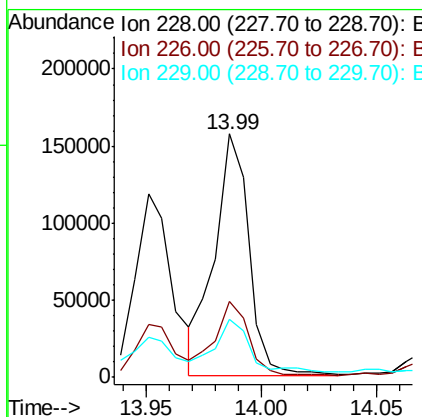
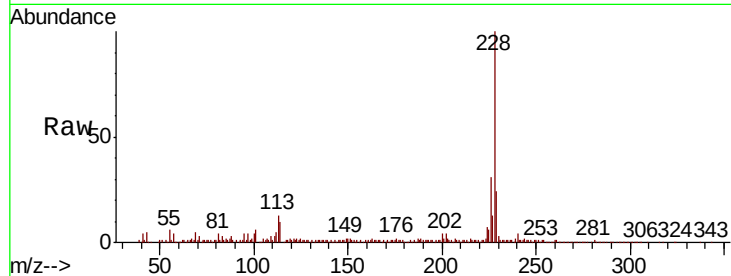
#83
Chrysene
Concen: 5.951 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF121253.D
Acq: 11 Aug 2020 21:56

Instrument :
BNA_F
ClientSampleId :
CAR-WASH-AREA-1

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.4	38.0
229	23.7	16.2	24.4

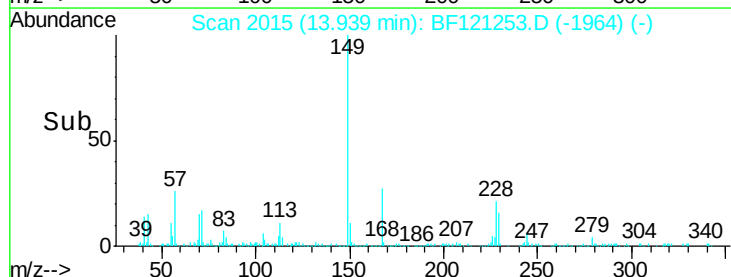
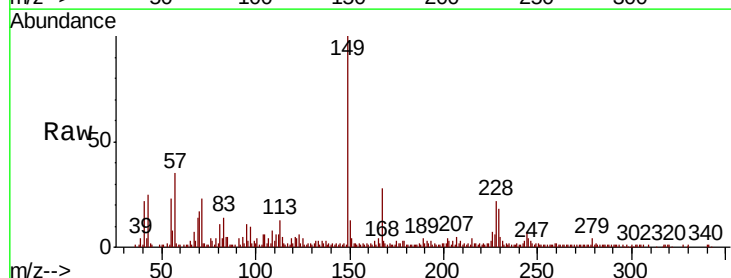
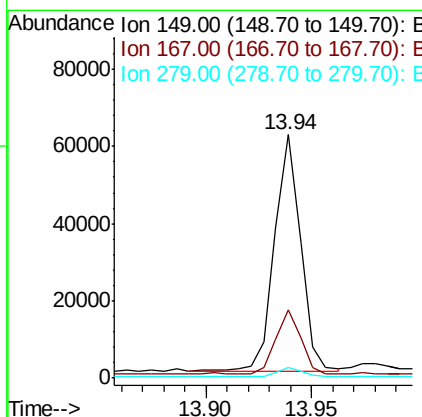
Manual Integrations
APPROVED

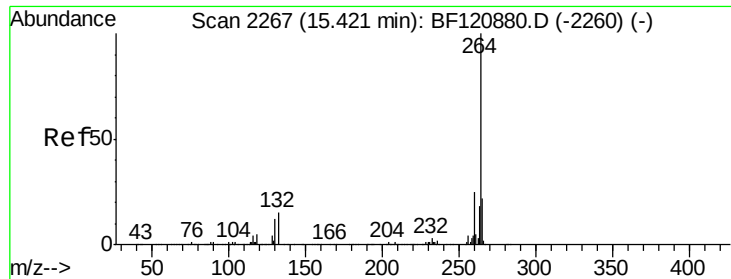
mohammad
8/12/2020 1:47:47 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.170 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BF121253.D
Acq: 11 Aug 2020 21:56

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	21.8	32.6
279	4.3	2.9	4.3





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2266

Delta R.T. 0.01 min

Lab File: BF121253.D

Acq: 11 Aug 2020 21:56

Instrument :

BNA_F

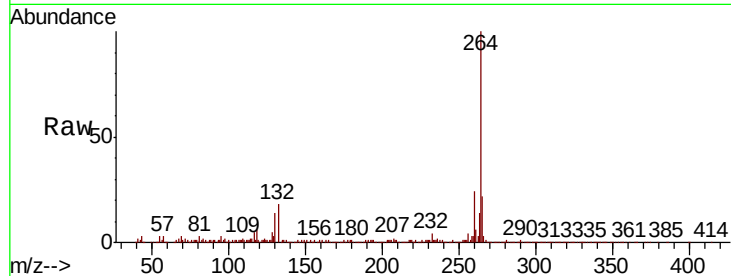
ClientSampleId :

CAR-WASH-AREA-1

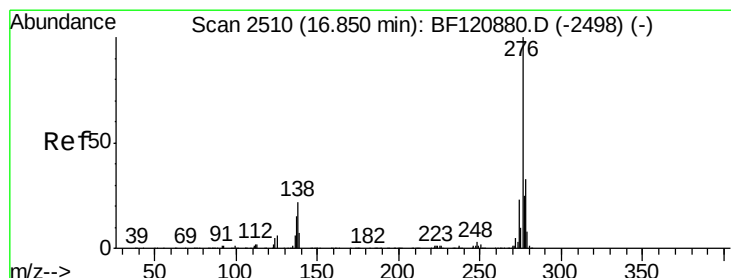
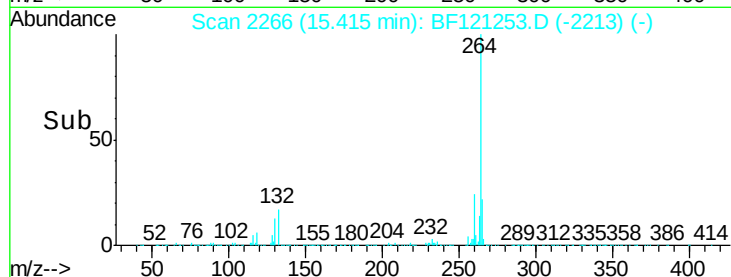
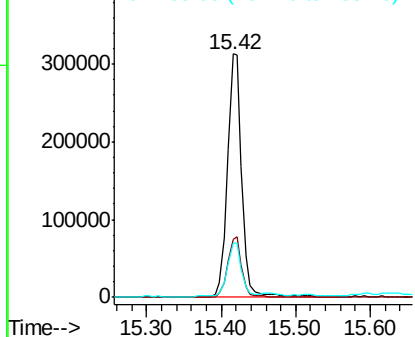
Tot Ion:	264	Resp:	416629
Ion Ratio		Lower	Upper
264	100		
260	23.9	19.9	29.9
265	22.1	17.8	26.8

Manual Integrations
APPROVED

mohammad
8/12/2020 1:47:47 PM



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.530 ng

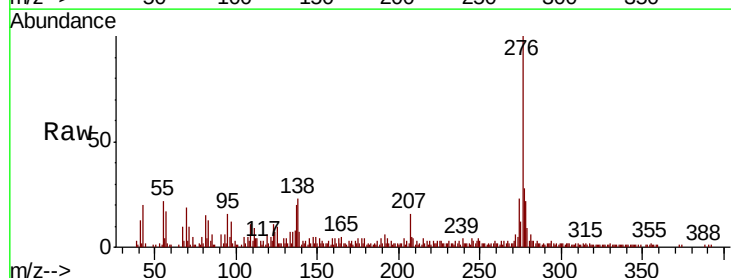
RT: 16.85 min Scan# 2510

Delta R.T. 0.02 min

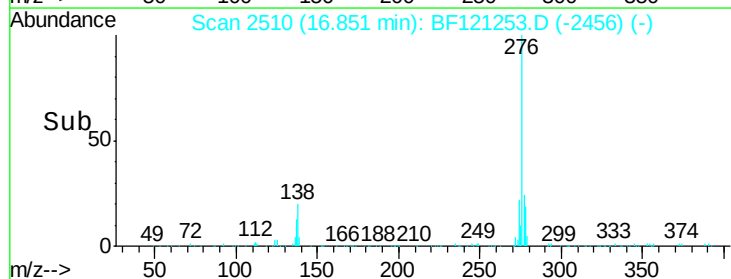
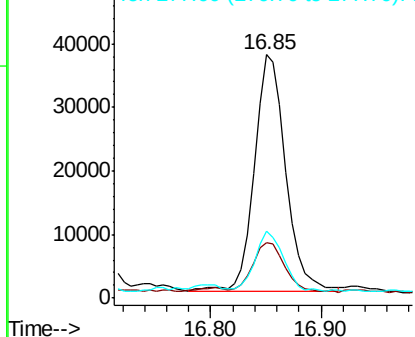
Lab File: BF121253.D

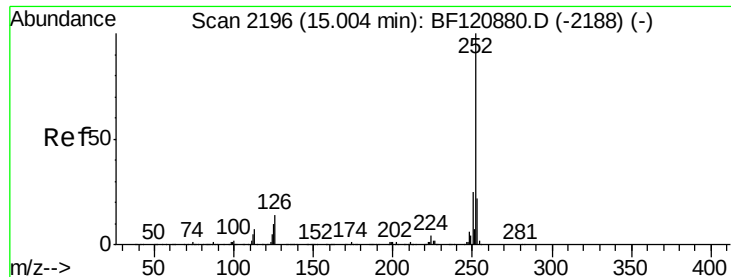
Acq: 11 Aug 2020 21:56

Tgt Ion:	276	Resp:	73308
Ion Ratio		Lower	Upper
276	100		
138	22.0	19.3	28.9
277	23.3	20.1	30.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





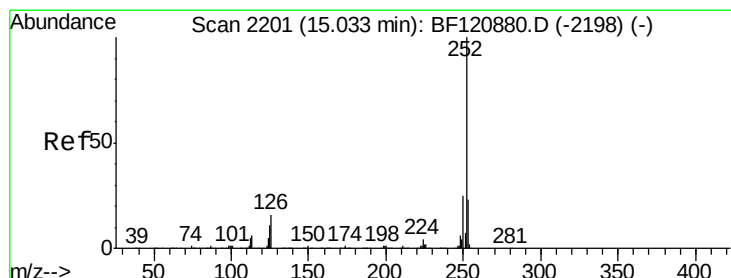
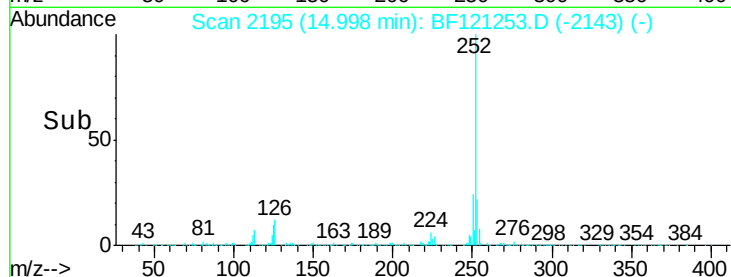
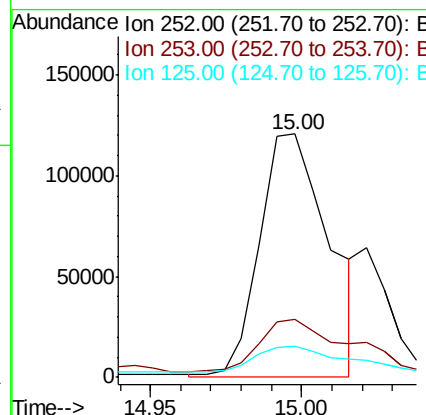
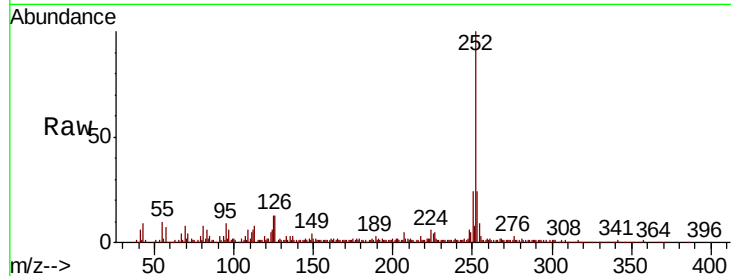
#88
Benzo(b)fluoranthene
Concen: 7.634 ng m
RT: 15.00 min Scan# 2195
Delta R.T. 0.01 min
Lab File: BF121253.D
Acq: 11 Aug 2020 21:56

Instrument :
BNA_F
ClientSampleId :
CAR-WASH-AREA-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.9	26.9
125	12.6	8.1	12.1

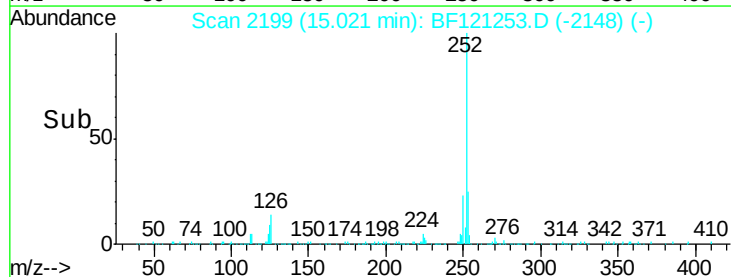
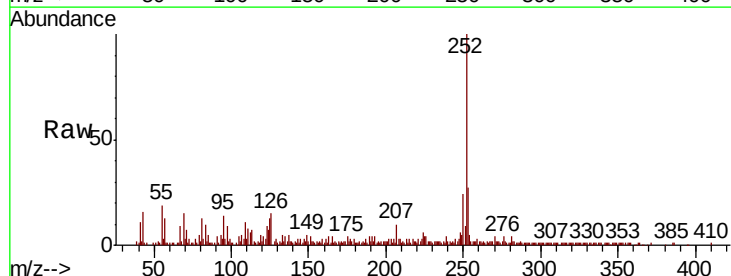
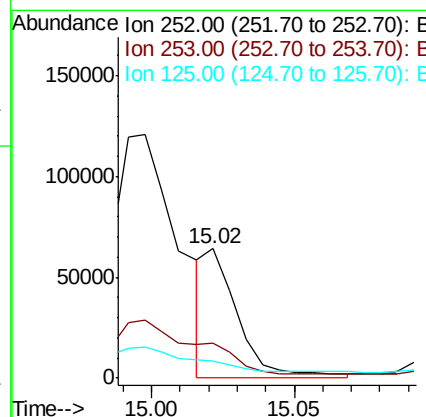
Manual Integrations
APPROVED

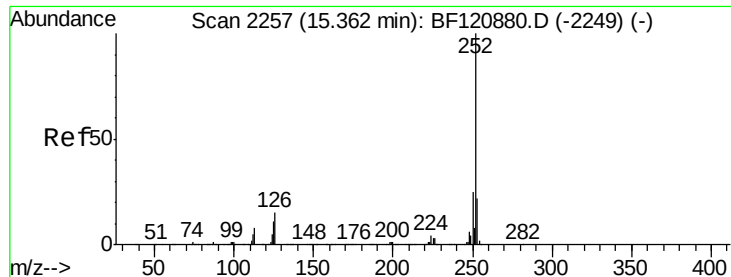
mohammad
8/12/2020 1:47:47 PM



#89
Benzo(k)fluoranthene
Concen: 2.266 ng m
RT: 15.02 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BF121253.D
Acq: 11 Aug 2020 21:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.3	18.1	27.1
125	13.5	8.0	12.0





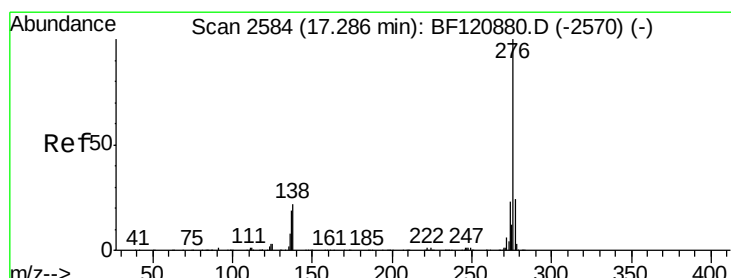
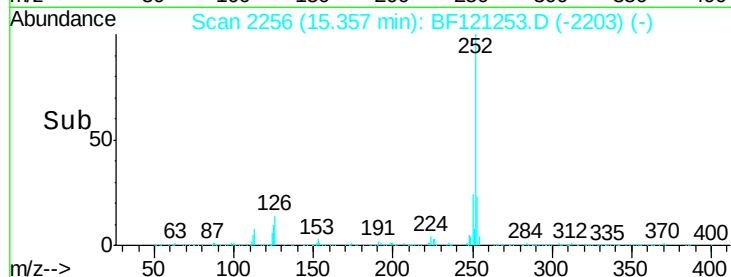
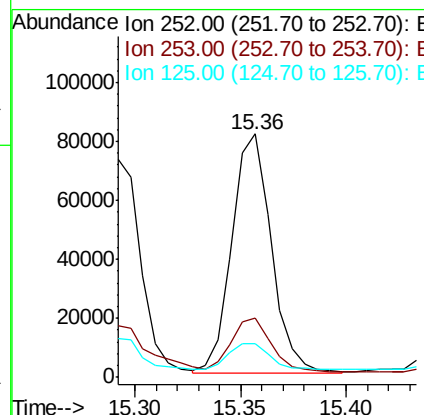
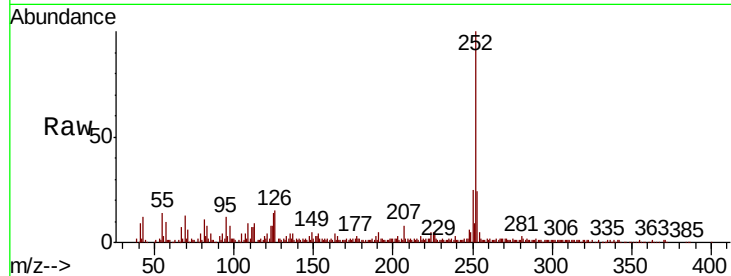
#90
Benzo(a)pyrene
Concen: 4.572 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.01 min
Lab File: BF121253.D
Acq: 11 Aug 2020 21:56

Instrument :
BNA_F
ClientSampleId :
CAR-WASH-AREA-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.0	27.0
125	14.0	9.5	14.3

Manual Integrations
APPROVED

mohammad
8/12/2020 1:47:47 PM



#92
Benzo(g,h,i)perylene
Concen: 3.095 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.02 min
Lab File: BF121253.D
Acq: 11 Aug 2020 21:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.7	19.4	29.0
138	25.7	17.2	25.8

