

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081120\
 Data File : BF121255.D
 Acq On : 11 Aug 2020 22:57
 Operator : JU/CG
 Sample : L3637-19 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CAR-WASH-AREA-3

Manual Integrations
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Quant Time: Aug 12 11:09:58 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	146826	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	587825	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	312532	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	572744	20.00	ng	0.00
76) Chrysene-d12	13.96	240	391610	20.00	ng	0.00
86) Perylene-d12	15.42	264	396577	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	422632	47.19	ng	-0.01
7) Phenol-d6	6.43	99	481997	41.66	ng	-0.01
23) Nitrobenzene-d5	7.36	82	332738	32.75	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	164950	48.22	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	665453	31.79	ng	-0.01
79) Terphenyl-d14	12.90	244	581386	32.27	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.55	163	64939	2.880	ng	99
71) Phenanthrene	11.35	178	198593	6.742	ng	99
75) Fluoranthene	12.53	202	312315	9.565	ng	97
78) Pyrene	12.77	202	320091	11.561	ng	99
81) Benzo(a)anthracene	13.96	228	123553	5.210	ng	96
83) Chrysene	13.99	228	133421	5.354	ng	97
84) Bis(2-ethylhexyl)phthalate	13.94	149	124823	8.201	ng	100
87) Indeno(1,2,3-cd)pyrene	16.86	276	64773	2.349	ng	95
88) Benzo(b)fluoranthene	15.00	252	165471m	6.903	ng	
89) Benzo(k)fluoranthene	15.02	252	60645m	2.774	ng	
90) Benzo(a)pyrene	15.36	252	111440	5.095	ng	# 95
92) Benzo(a,h,i)perylene	17.30	276	62252	2.802	ng	95

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

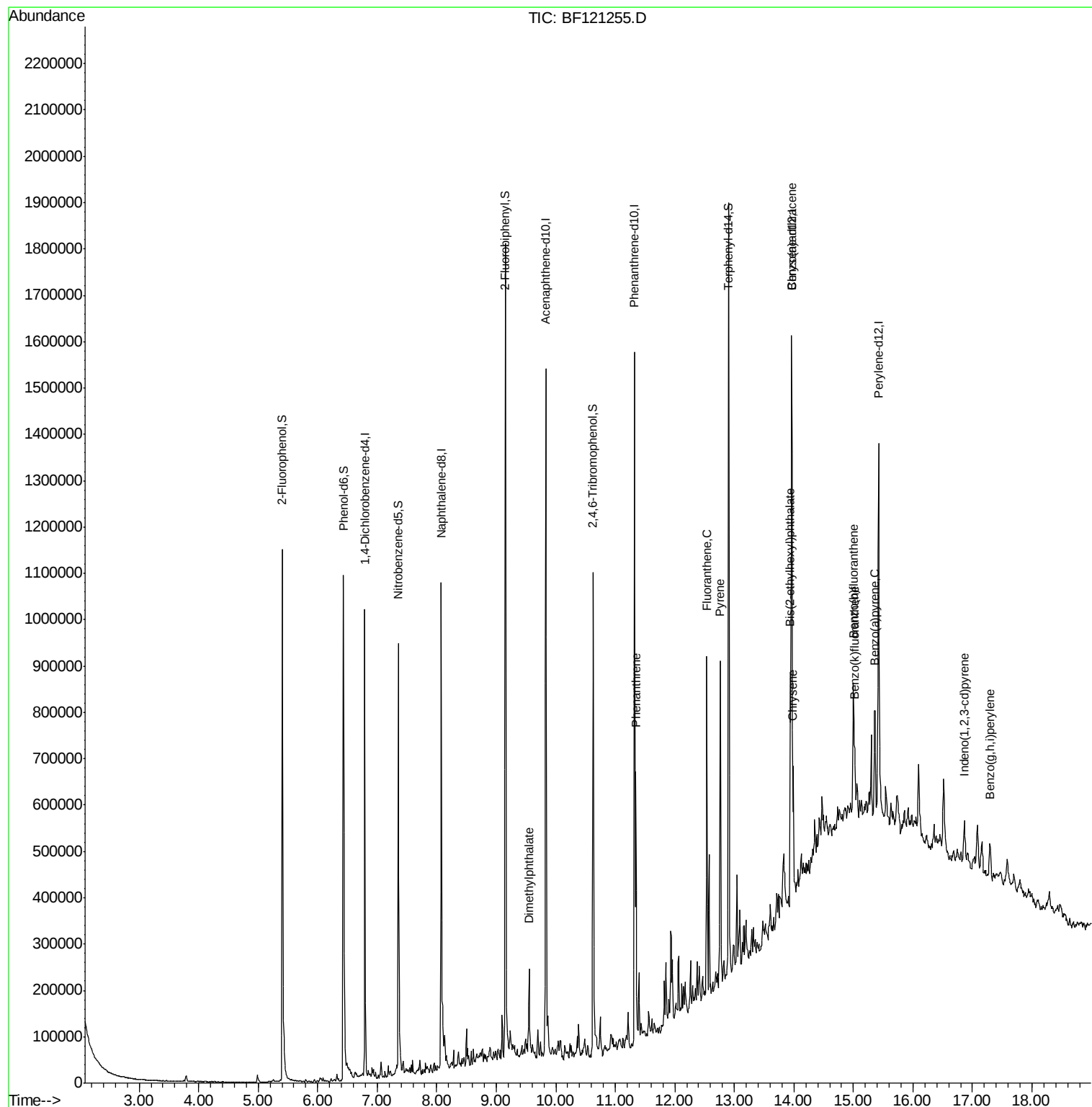
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081120\
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ALS Vial : 20 Sample Multiplier: 1

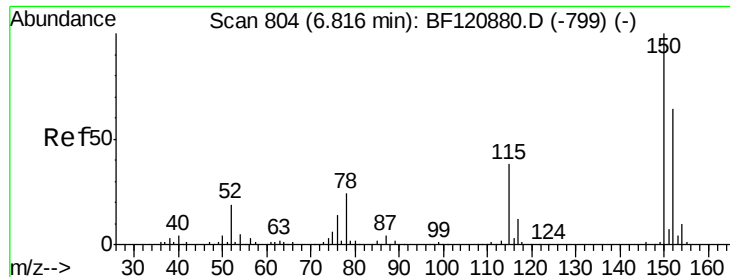
Instrument :
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CAR-WASH-AREA-3

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

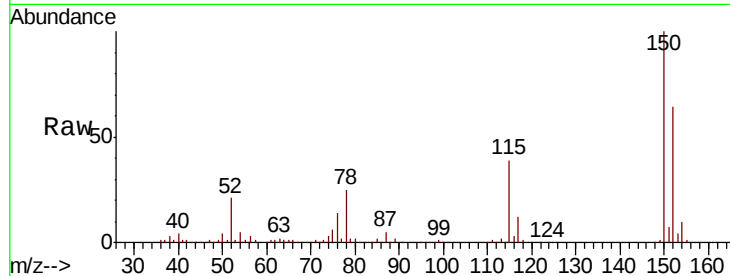
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121255.D
Acq: 11 Aug 2020 22:57

Instrument :
BNA_F
ClientSampleId :
CAR-WASH-AREA-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	125.6	188.4
115	60.4	46.2	69.2

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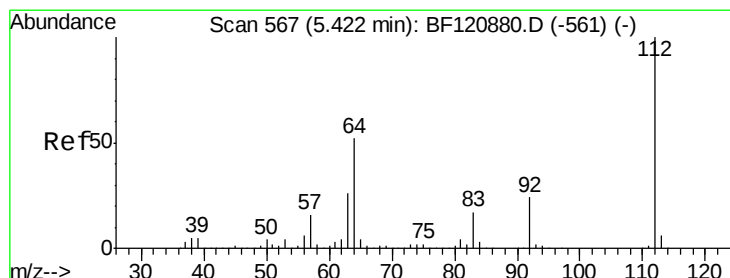
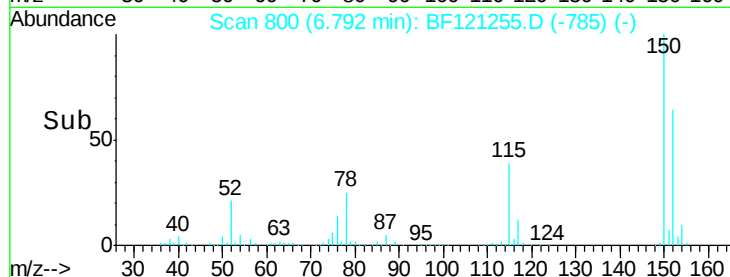
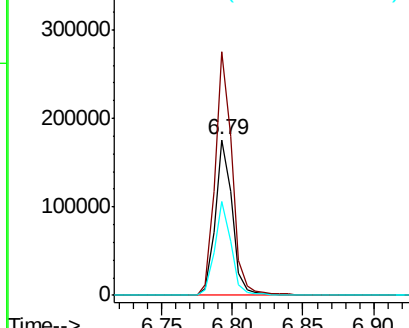


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

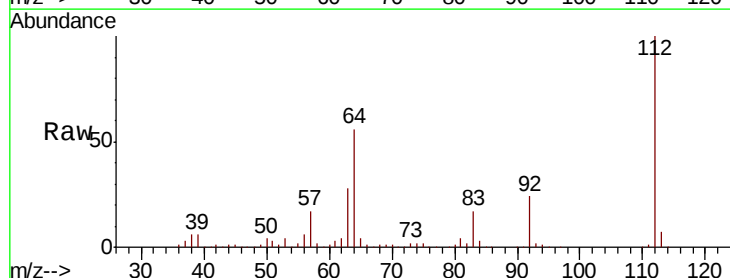
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 47.188 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF121255.D
Acq: 11 Aug 2020 22:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.8	43.9	65.9
63	28.0	22.7	34.1

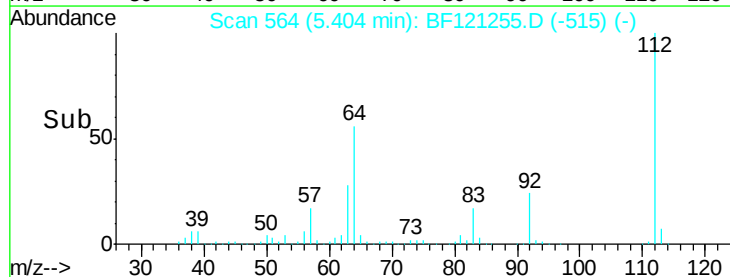
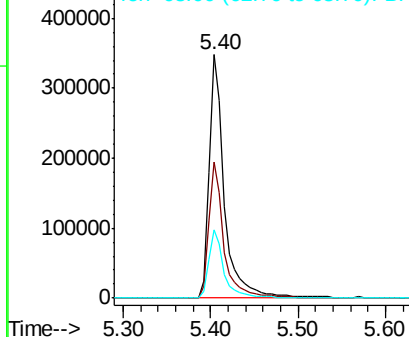


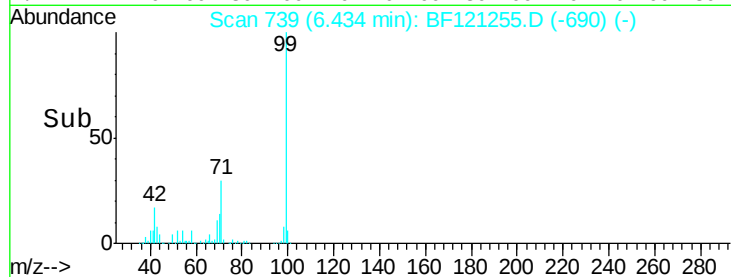
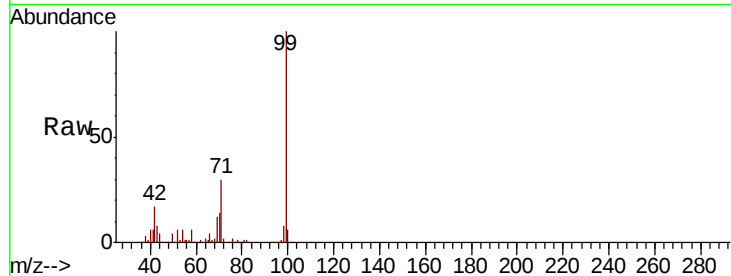
Abundance

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: 41.662 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121255.D

Acq: 11 Aug 2020 22:57

Tot Ion:	99	Resp:	481997
Ion Ratio	Lower	Upper	
99	100		
42	16.7	13.5	20.3
71	29.6	25.0	37.4

Instrument :

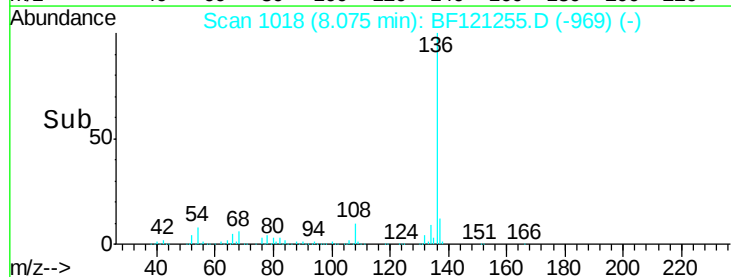
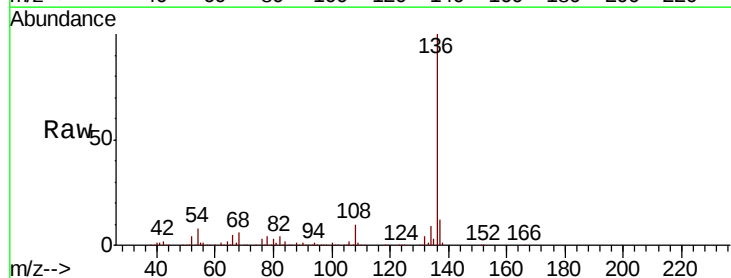
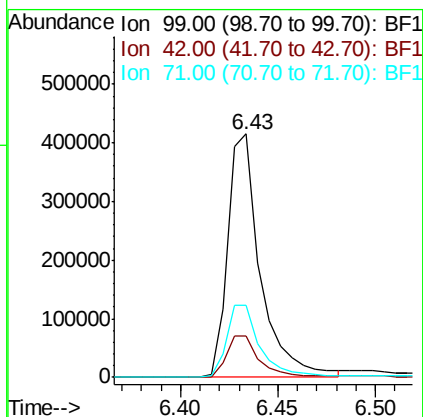
BNA_F

ClientSampleId :

CAR-WASH-AREA-3

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#21

Naphthalene-d8

Concen: 20.000 ng

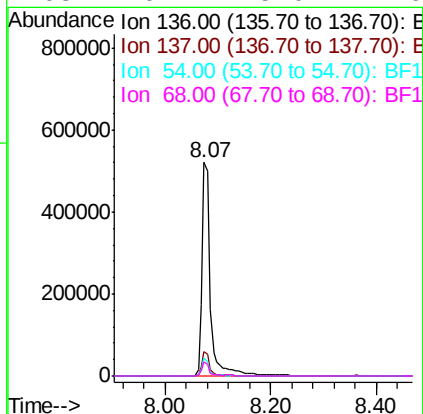
RT: 8.07 min Scan# 1018

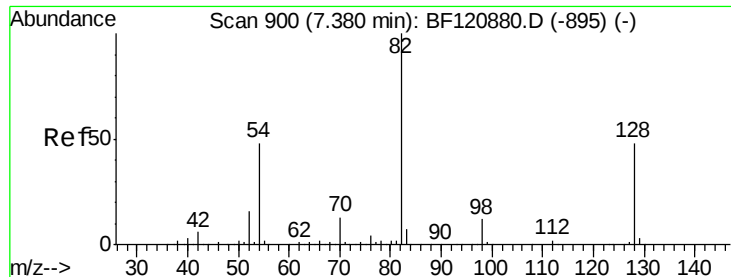
Delta R.T. -0.01 min

Lab File: BF121255.D

Acq: 11 Aug 2020 22:57

Tgt Ion:	136	Resp:	587825
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.0	13.4
54	8.2	6.1	9.1
68	6.4	5.0	7.6





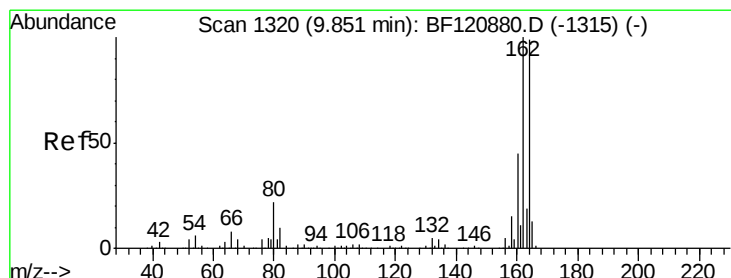
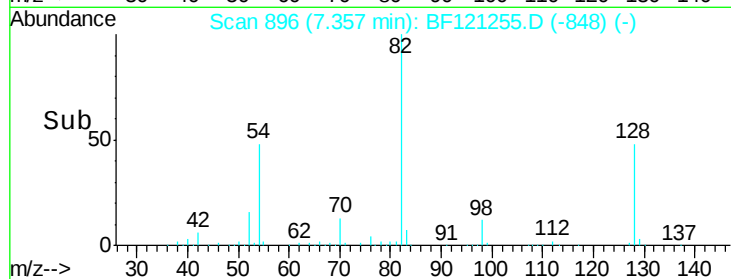
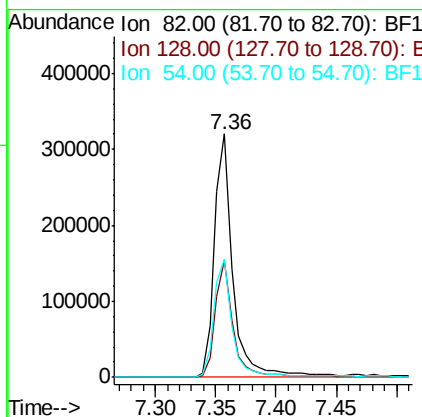
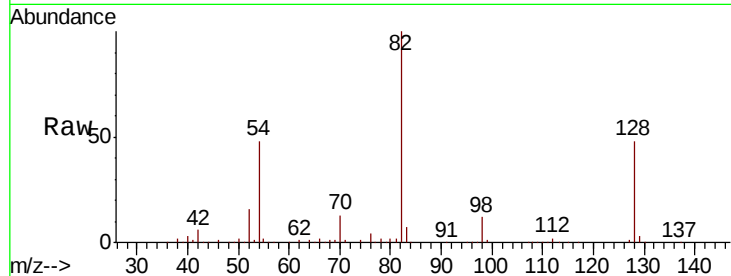
#23
 Nitrobenzene-d5
 Concen: 32.753 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.02 min
 Lab File: BF121255.D
 Acq: 11 Aug 2020 22:57

Instrument :
 BNA_F
 ClientSampleId :
 CAR-WASH-AREA-3

Tot Ion	82	Resp	332738
Ion Ratio	Lower	Upper	
82	100		
128	48.2	39.2	58.8
54	48.3	37.8	56.8

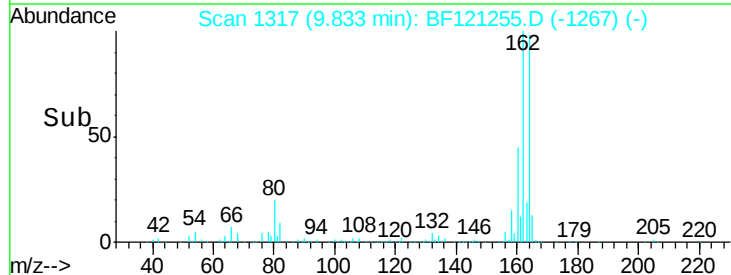
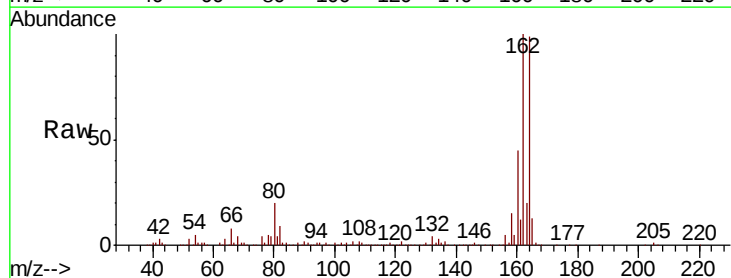
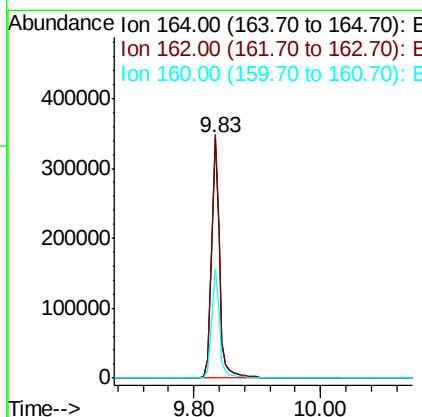
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF121255.D
 Acq: 11 Aug 2020 22:57

Tgt Ion	164	Resp	312532
Ion Ratio	Lower	Upper	
164	100		
162	101.3	82.2	123.2
160	45.5	37.2	55.8





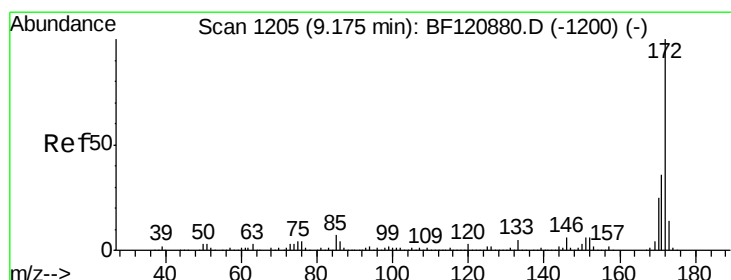
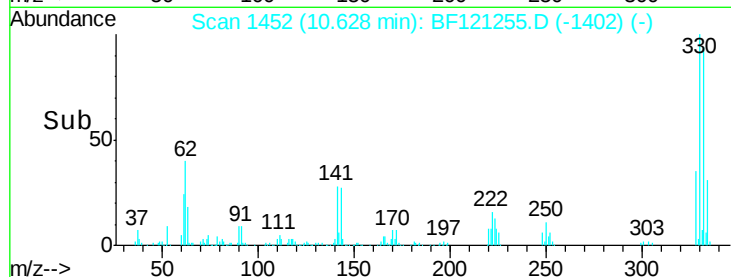
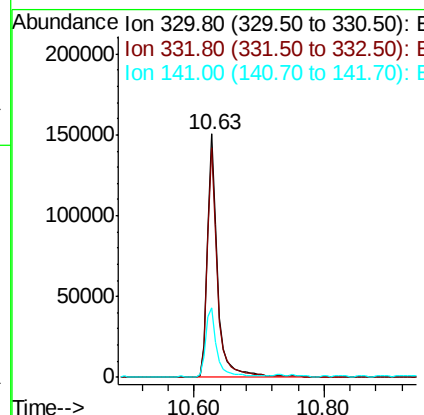
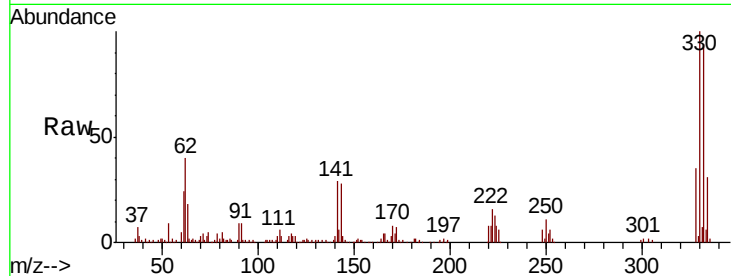
#42
 2,4,6-Tribromophenol
 Concen: 48.217 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF121255.D
 Acq: 11 Aug 2020 22:57

Instrument :
 BNA_F
 ClientSampleId :
 CAR-WASH-AREA-3

Tot Ion	Ratio	Resp	Lower	Upper
330	100	164950		
332	94.4	76.1	114.1	
141	29.9	24.1	36.1	

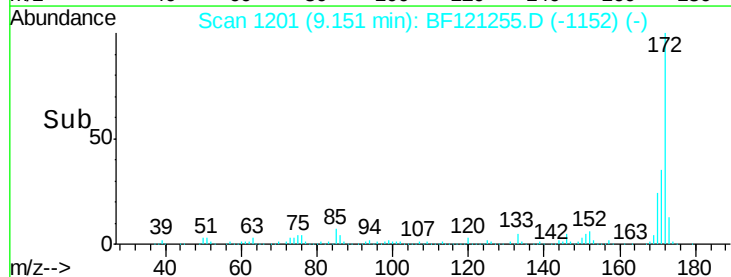
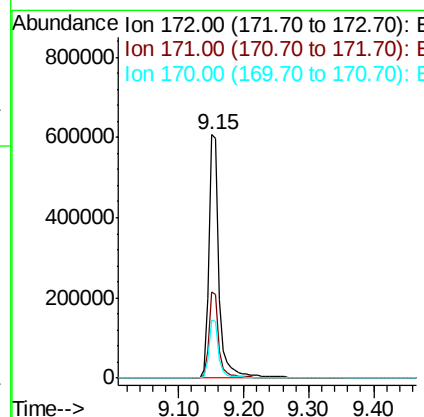
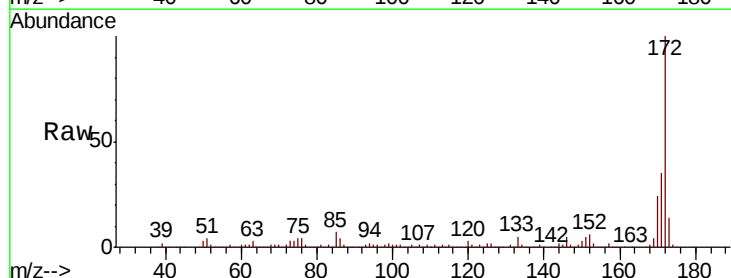
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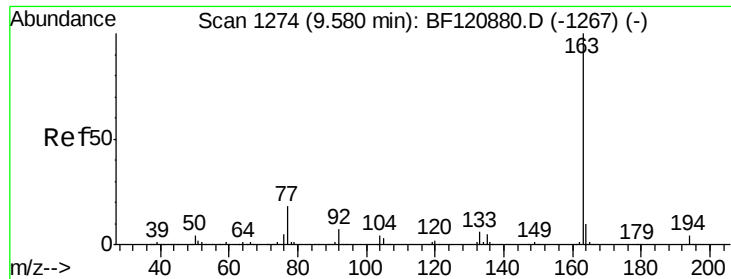
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#45
 2-Fluorobiphenyl
 Concen: 31.790 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF121255.D
 Acq: 11 Aug 2020 22:57

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	665453		
171	35.2	29.0	43.4	
170	23.6	19.6	29.4	





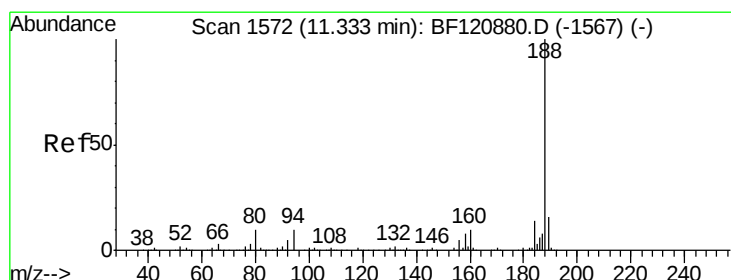
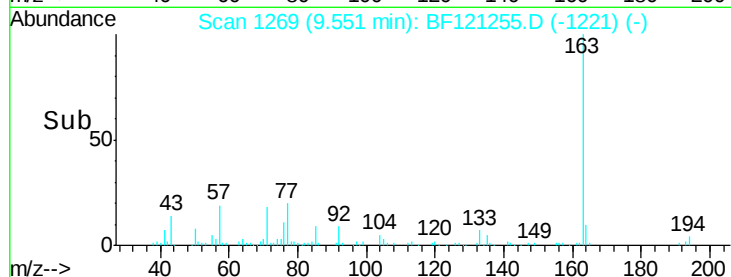
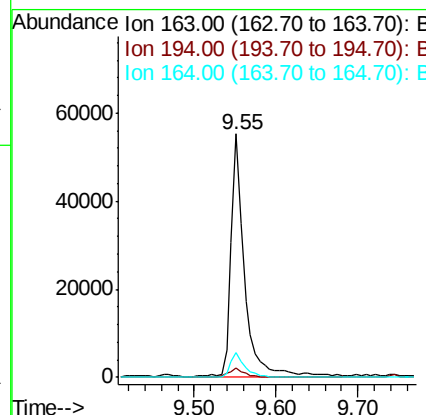
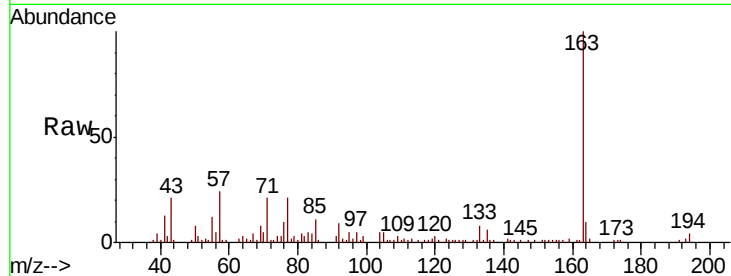
#50
Dimethylphthalate
Concen: 2.880 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF121255.D
Acq: 11 Aug 2020 22:57

Instrument :
BNA_F
ClientSampleId :
CAR-WASH-AREA-3

Tot Ion	Ratio	Resp	Lower	Upper
163	100	64939		
194	4.1		3.0	4.4
164	10.3		8.4	12.6

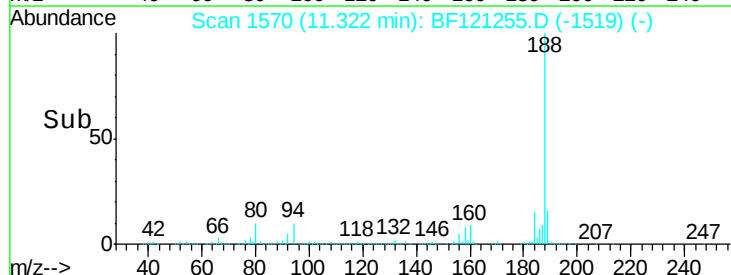
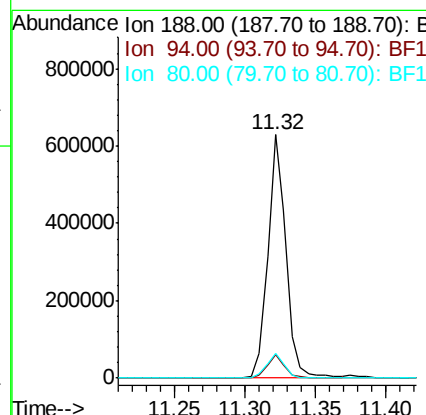
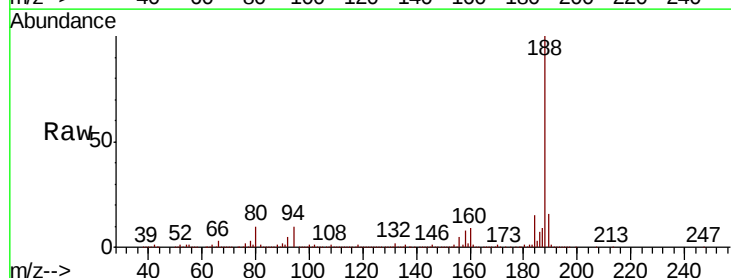
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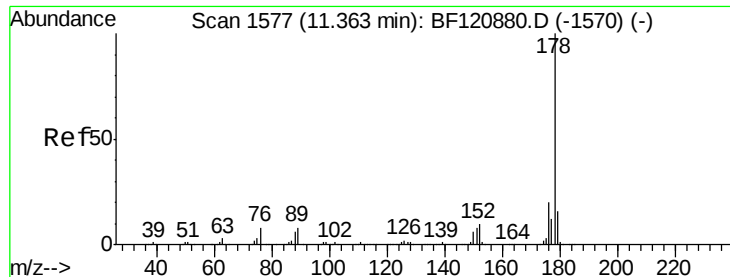
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF121255.D
Acq: 11 Aug 2020 22:57

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	572744		
94	9.7		8.0	12.0
80	10.0		8.3	12.5





#71

Phenanthrene

Concen: 6.742 ng

RT: 11.35 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF121255.D

Acq: 11 Aug 2020 22:57

Instrument :

BNA_F

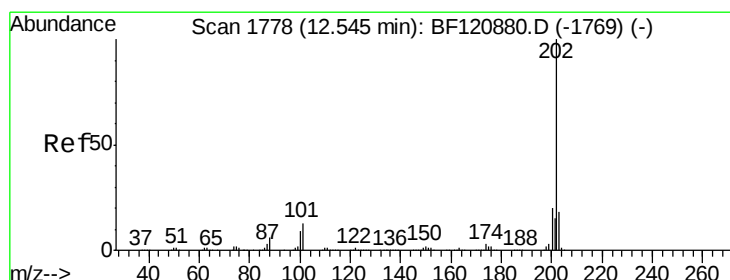
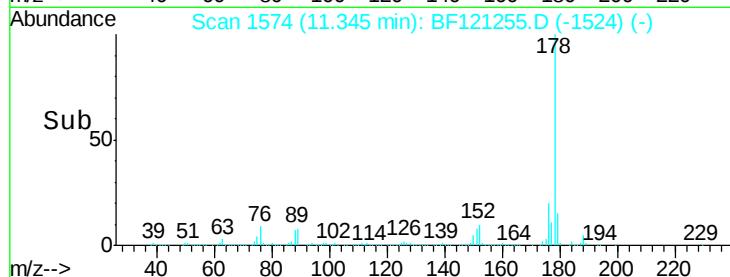
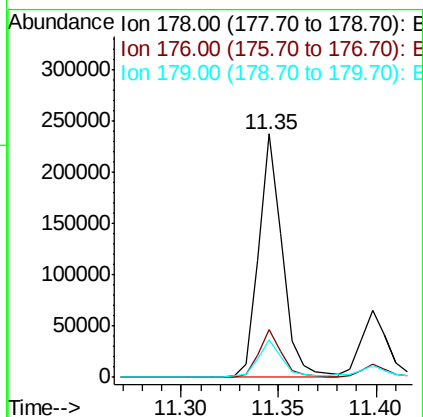
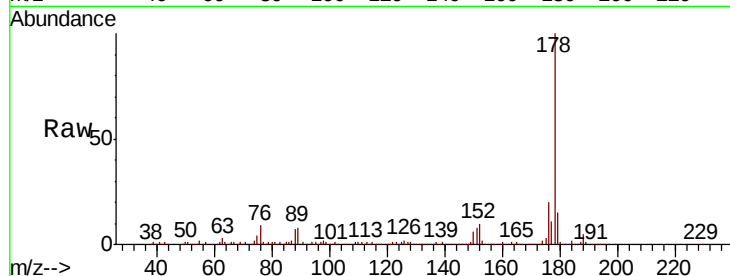
ClientSampleId :

CAR-WASH-AREA-3

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	19.8	16.2	24.2	
179	15.2	12.6	19.0	

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#75

Fluoranthene

Concen: 9.565 ng

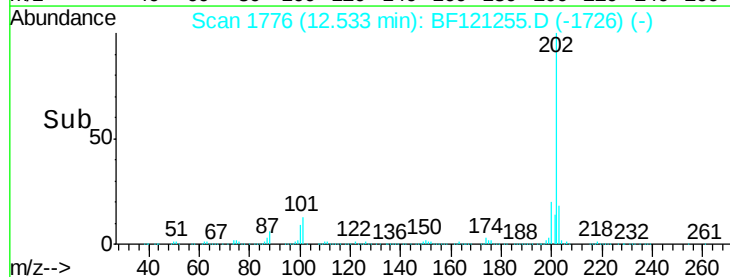
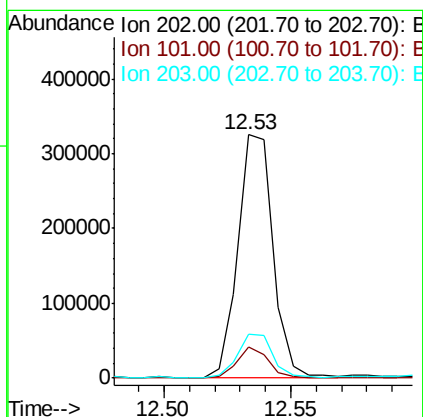
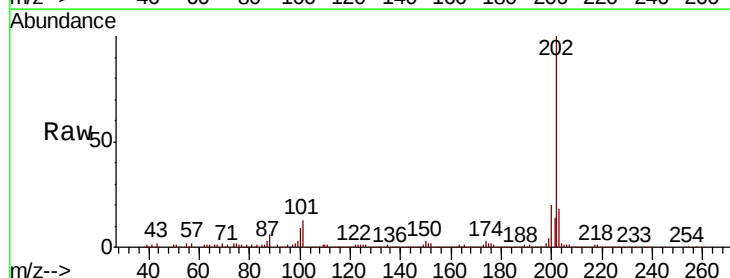
RT: 12.53 min Scan# 1776

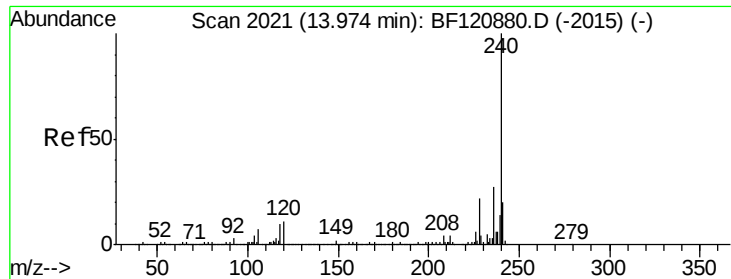
Delta R.T. -0.01 min

Lab File: BF121255.D

Acq: 11 Aug 2020 22:57

Tgt Ion	Ion	Ratio	Lower	Upper
202	100			
101	12.8	0.0	30.5	
203	18.1	0.0	37.7	





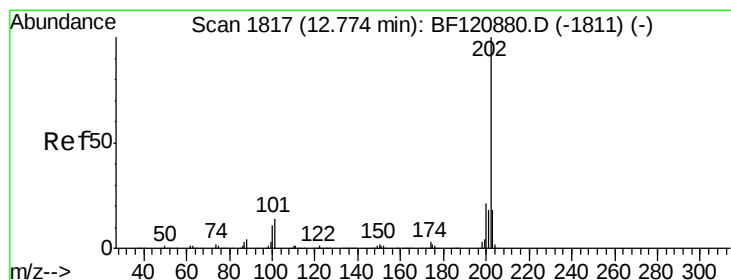
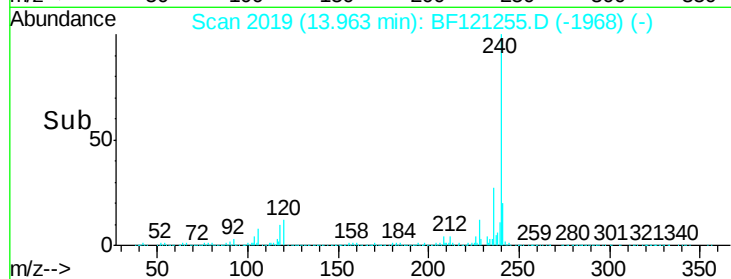
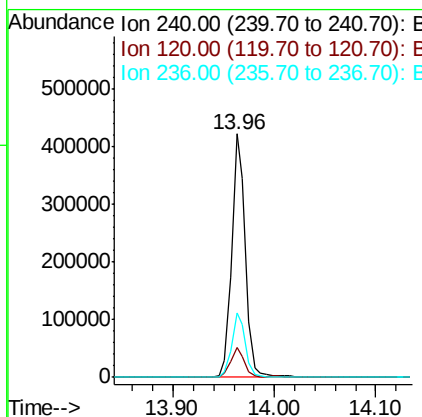
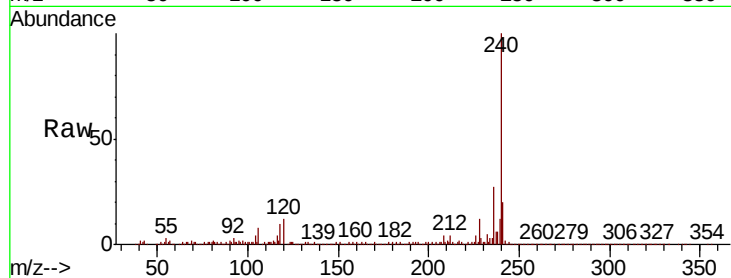
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF121255.D
Acq: 11 Aug 2020 22:57

Instrument :
BNA_F
ClientSampleId :
CAR-WASH-AREA-3

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.3	13.9
236	26.7	21.1	31.7

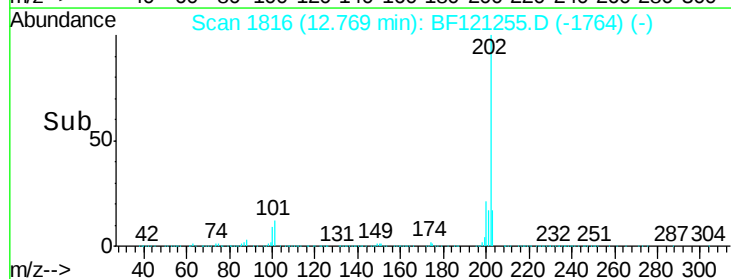
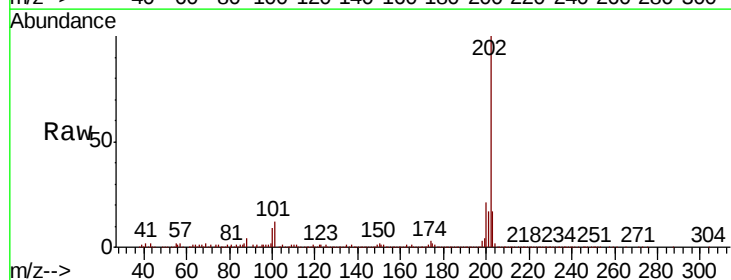
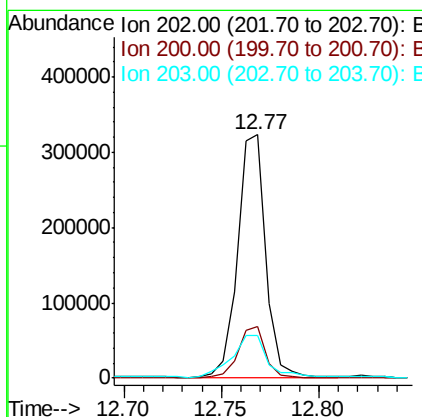
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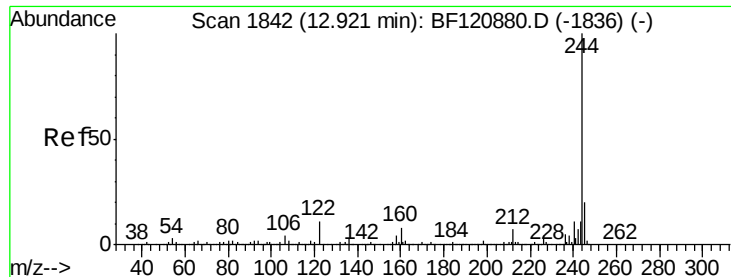
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#78
Pyrene
Concen: 11.561 ng
RT: 12.77 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF121255.D
Acq: 11 Aug 2020 22:57

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.6
203	17.4	14.6	21.8





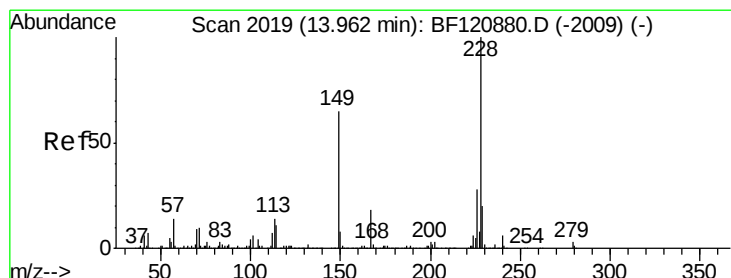
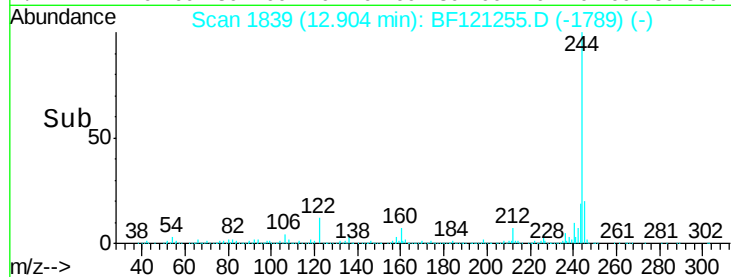
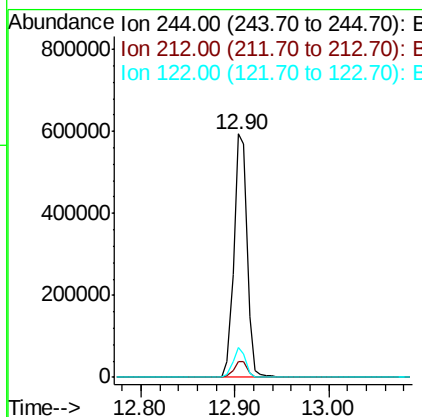
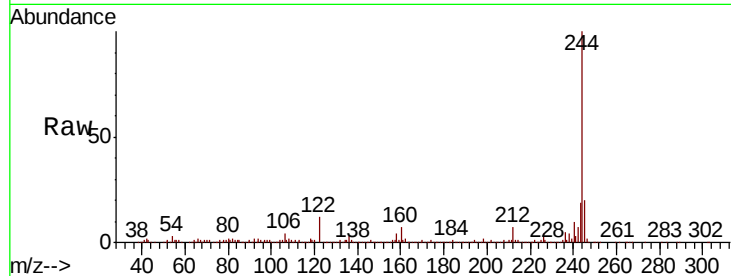
#79
 Terphenyl-d14
 Concen: 32.272 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF121255.D
 Acq: 11 Aug 2020 22:57

Instrument :
 BNA_F
 ClientSampleId :
 CAR-WASH-AREA-3

Tot Ion:	244	Resp:	581386
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.7	8.5
122	12.1	8.3	12.5

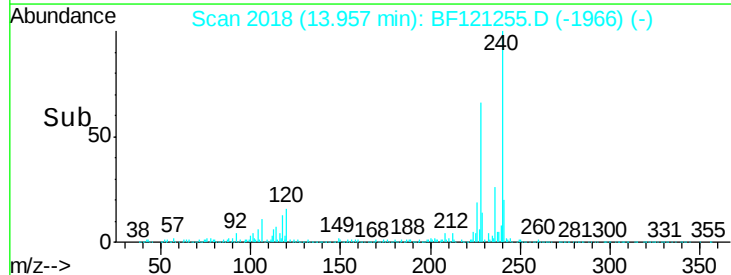
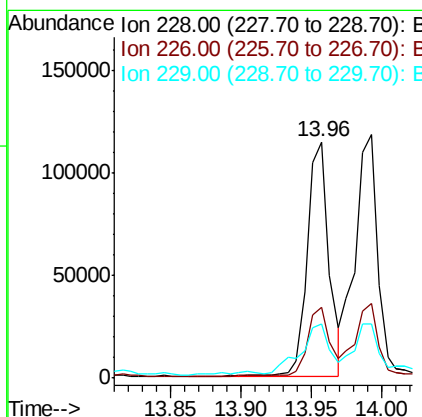
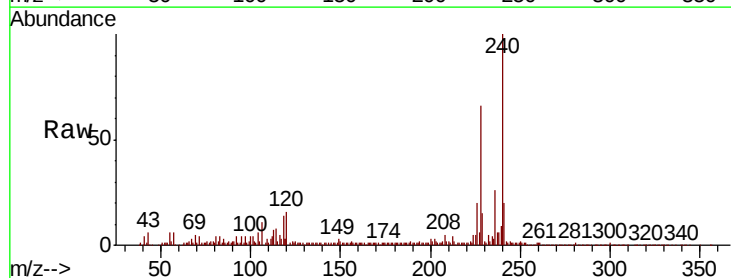
Manual Integrations
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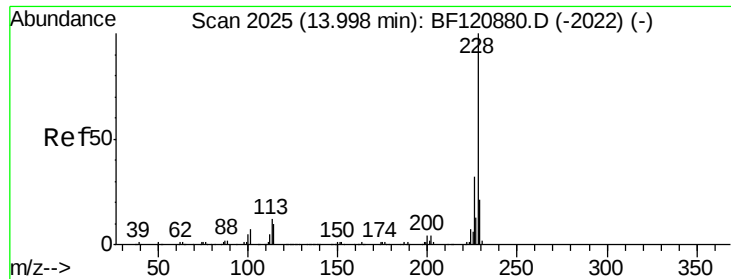
mohammad
 8/12/2020 1:47:53 PM



#81
 Benzo(a)anthracene
 Concen: 5.210 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.01 min
 Lab File: BF121255.D
 Acq: 11 Aug 2020 22:57

Tgt Ion:	228	Resp:	123553
Ion Ratio	Lower	Upper	
228	100		
226	30.0	22.6	34.0
229	22.7	16.1	24.1





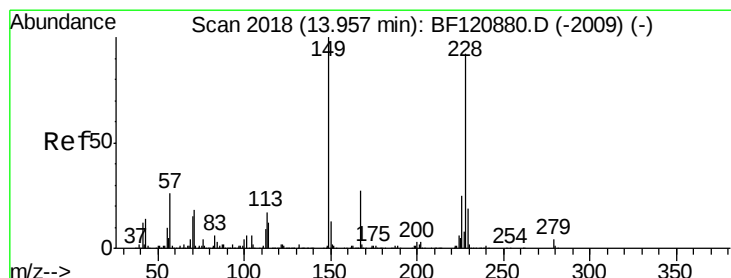
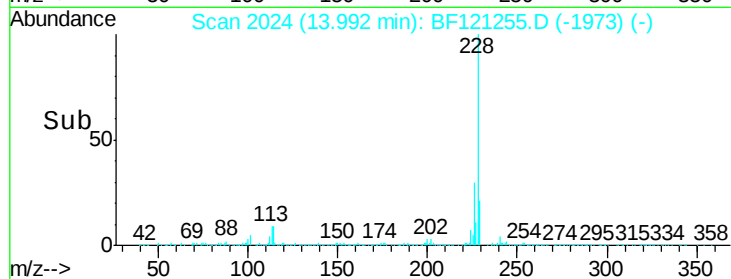
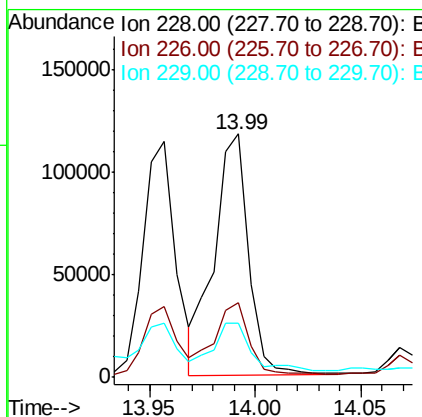
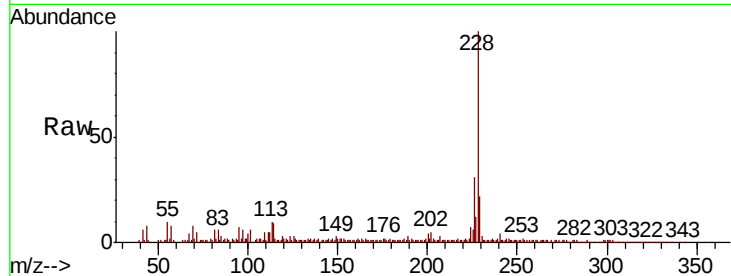
#83
Chrysene
Concen: 5.354 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BF121255.D
Acq: 11 Aug 2020 22:57

Instrument :
BNA_F
ClientSampleId :
CAR-WASH-AREA-3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	30.5	25.4	38.0		
229	22.3	16.2	24.4		

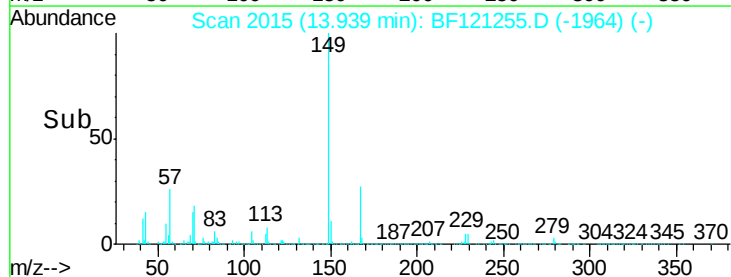
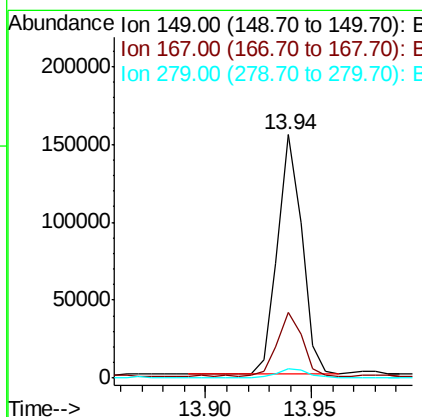
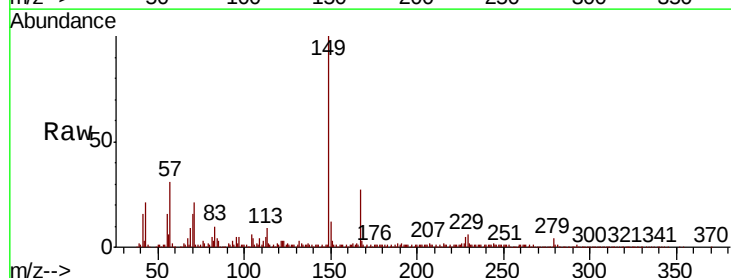
Manual Integrations
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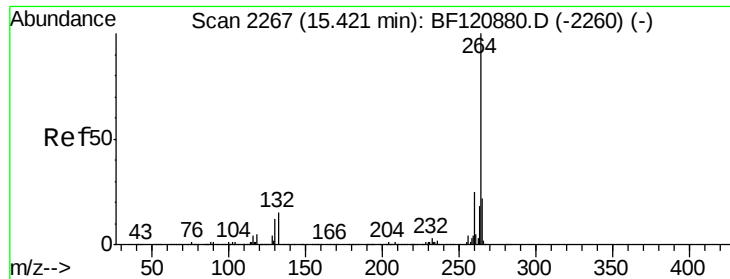
mohammad
8/12/2020 1:47:53 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 8.201 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BF121255.D
Acq: 11 Aug 2020 22:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
167	27.1	21.8	32.6		
279	3.7	2.9	4.3		





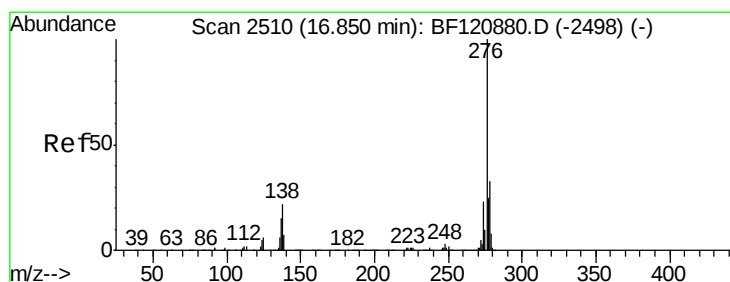
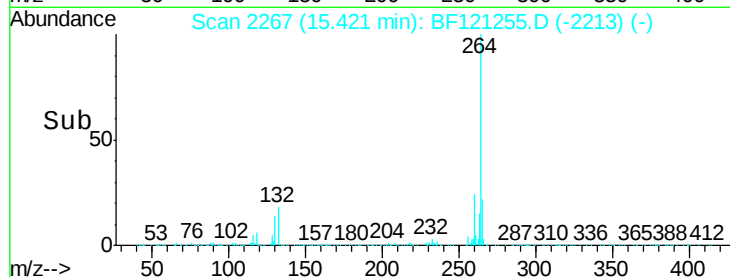
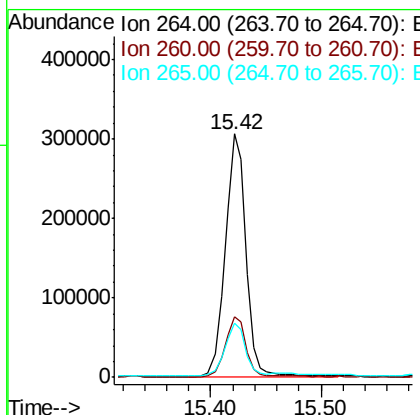
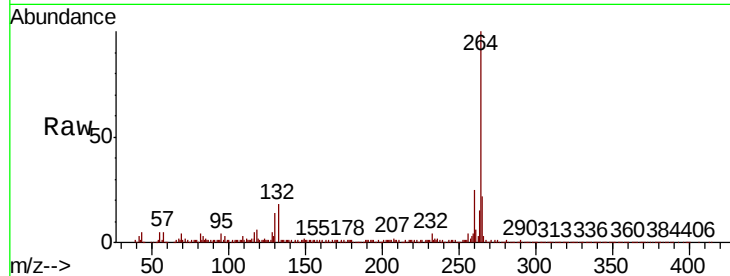
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.02 min
Lab File: BF121255.D
Acq: 11 Aug 2020 22:57

Instrument :
BNA_F
ClientSampleId :
CAR-WASH-AREA-3

Tot Ion:	264	Resp:	396577
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.9	29.9
265	22.5	17.8	26.8

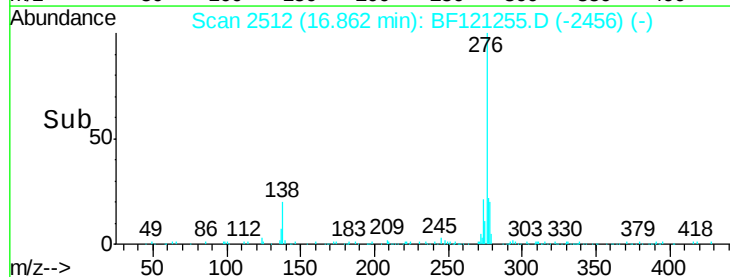
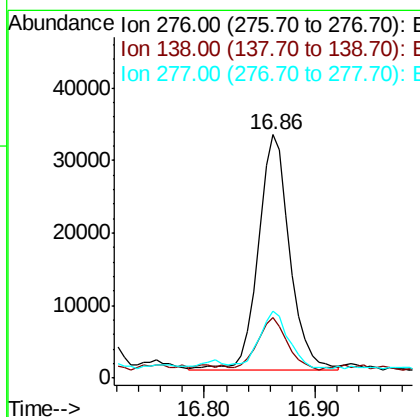
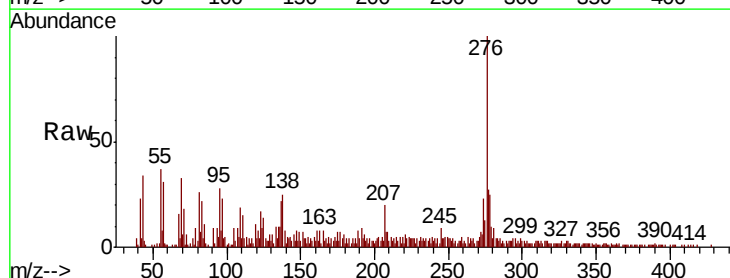
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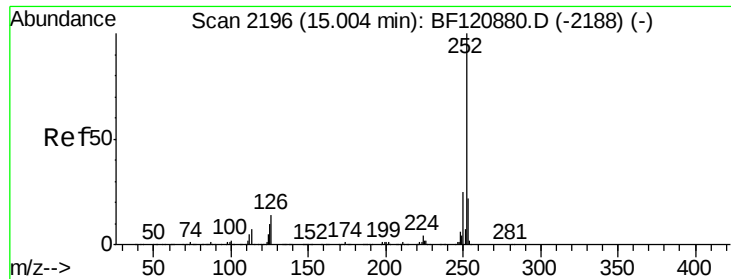
mohammad
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#87
Indeno(1,2,3-cd)pyrene
Concen: 2.349 ng
RT: 16.86 min Scan# 2512
Delta R.T. 0.03 min
Lab File: BF121255.D
Acq: 11 Aug 2020 22:57

Tgt Ion:	276	Resp:	64773
Ion Ratio	Lower	Upper	
276	100		
138	21.5	19.3	28.9
277	23.0	20.1	30.1





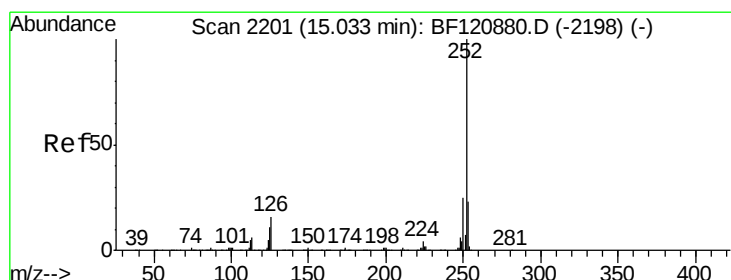
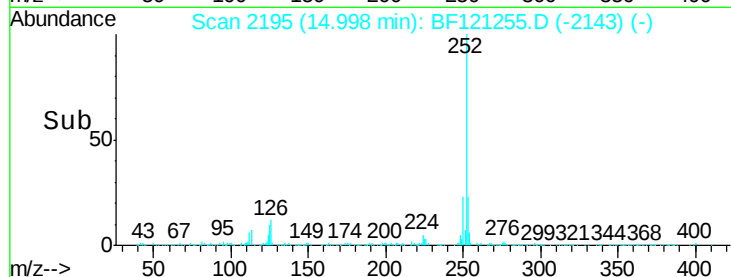
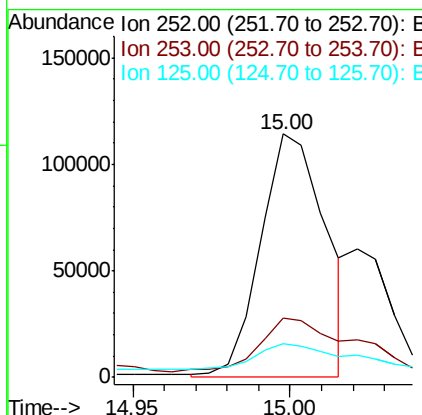
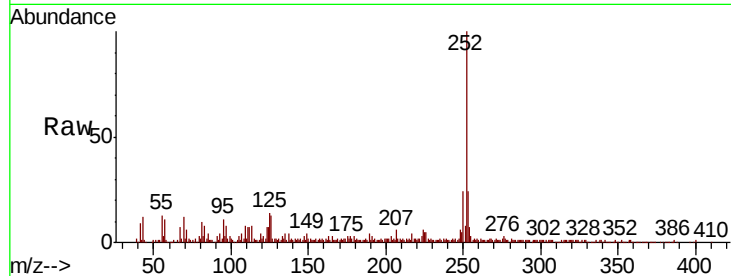
#88
Benzo(b)fluoranthene
Concen: 6.903 ng m
RT: 15.00 min Scan# 2195
Delta R.T. 0.01 min
Lab File: BF121255.D
Acq: 11 Aug 2020 22:57

Instrument :
BNA_F
ClientSampleId :
CAR-WASH-AREA-3

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.9	26.9
125	13.6	8.1	12.1

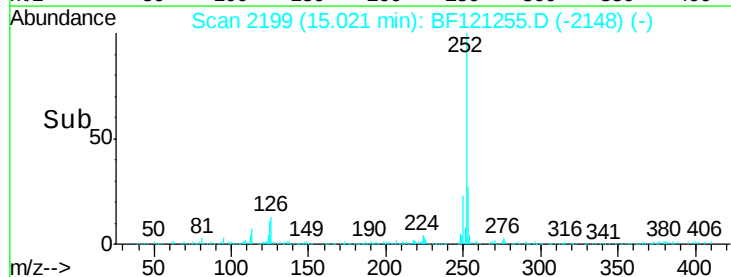
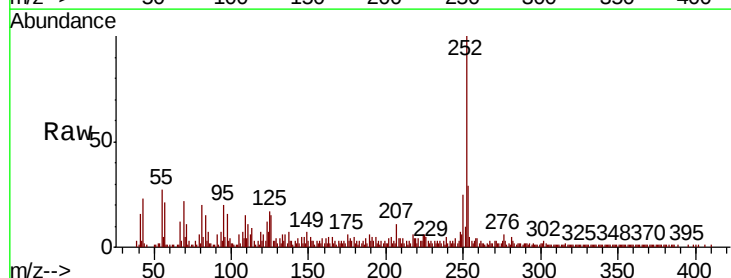
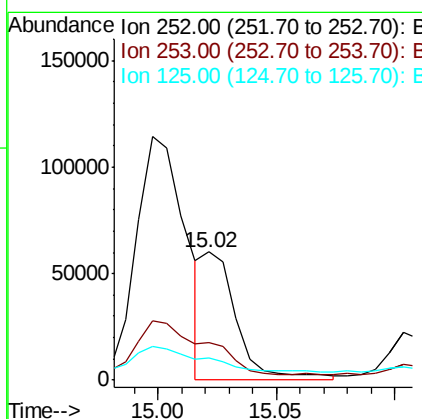
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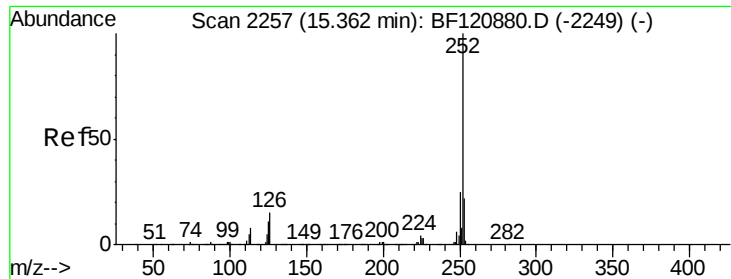
mohammad
8/12/2020 1:47:53 PM



#89
Benzo(k)fluoranthene
Concen: 2.774 ng m
RT: 15.02 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BF121255.D
Acq: 11 Aug 2020 22:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.0	18.1	27.1
125	17.0	8.0	12.0





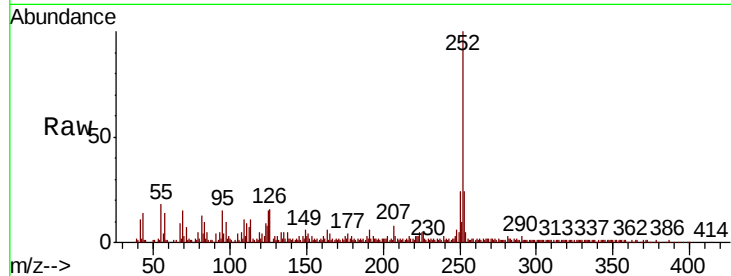
#90
Benzo(a)pyrene
Concen: 5.095 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.01 min
Lab File: BF121255.D
Acq: 11 Aug 2020 22:57

Instrument :
BNA_F
ClientSampleId :
CAR-WASH-AREA-3

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.0	27.0
125	15.2	9.5	14.3

Manual Integrations
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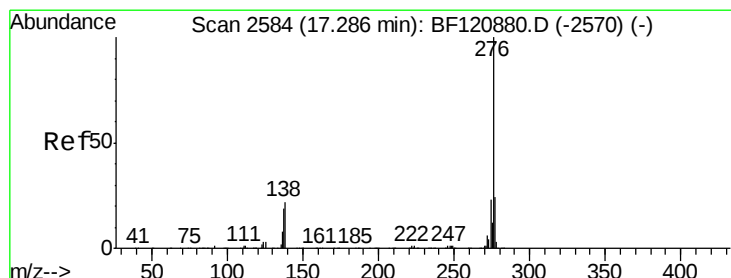
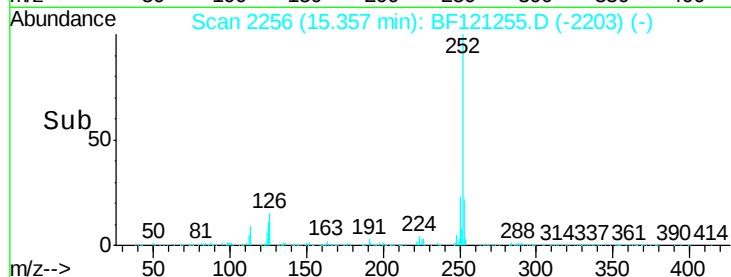
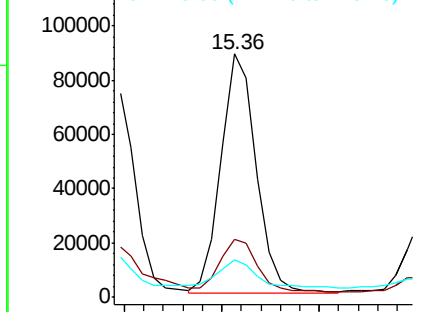


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92
Benzo(g,h,i)perylene
Concen: 2.802 ng
RT: 17.30 min Scan# 2586
Delta R.T. 0.04 min
Lab File: BF121255.D
Acq: 11 Aug 2020 22:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.7	19.4	29.0
138	24.2	17.2	25.8

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

