

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081120\
 Data File : BF121254.D
 Acq On : 11 Aug 2020 22:26
 Operator : JU/CG
 Sample : L3637-13 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CAR-WASH-AREA-2

Manual Integrations
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Quant Time: Aug 12 11:06:53 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	146758	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	580439	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	302795	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	576685	20.00	ng	0.00
76) Chrysene-d12	13.96	240	384258	20.00	ng	0.00
86) Perylene-d12	15.42	264	407239	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	390348	43.60	ng	-0.01
7) Phenol-d6	6.43	99	489732	42.35	ng	-0.01
23) Nitrobenzene-d5	7.36	82	308279	30.73	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	152667	46.06	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	616314	30.39	ng	-0.01
79) Terphenyl-d14	12.90	244	550653	31.15	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.55	163	44949	2.058	ng	99
71) Phenanthrene	11.35	178	242350	8.171	ng	98
72) Anthracene	11.40	178	69117	2.321	ng	99
75) Fluoranthene	12.53	202	333341	10.140	ng	98
78) Pyrene	12.76	202	396650	14.600	ng	99
81) Benzo(a)anthracene	13.95	228	166771	7.167	ng	96
83) Chrysene	13.99	228	183769	7.515	ng	97
84) Bis(2-ethylhexyl)phthalate	13.94	149	76265	5.107	ng	# 98
87) Indeno(1,2,3-cd)pyrene	16.86	276	94129	3.324	ng	98
88) Benzo(b)fluoranthene	15.00	252	226929m	9.219	ng	
89) Benzo(k)fluoranthene	15.02	252	77139m	3.436	ng	
90) Benzo(a)pyrene	15.36	252	157778	7.025	ng	97
92) Benzo(a,h,i)perylene	17.30	276	95023	4.166	ng	98

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

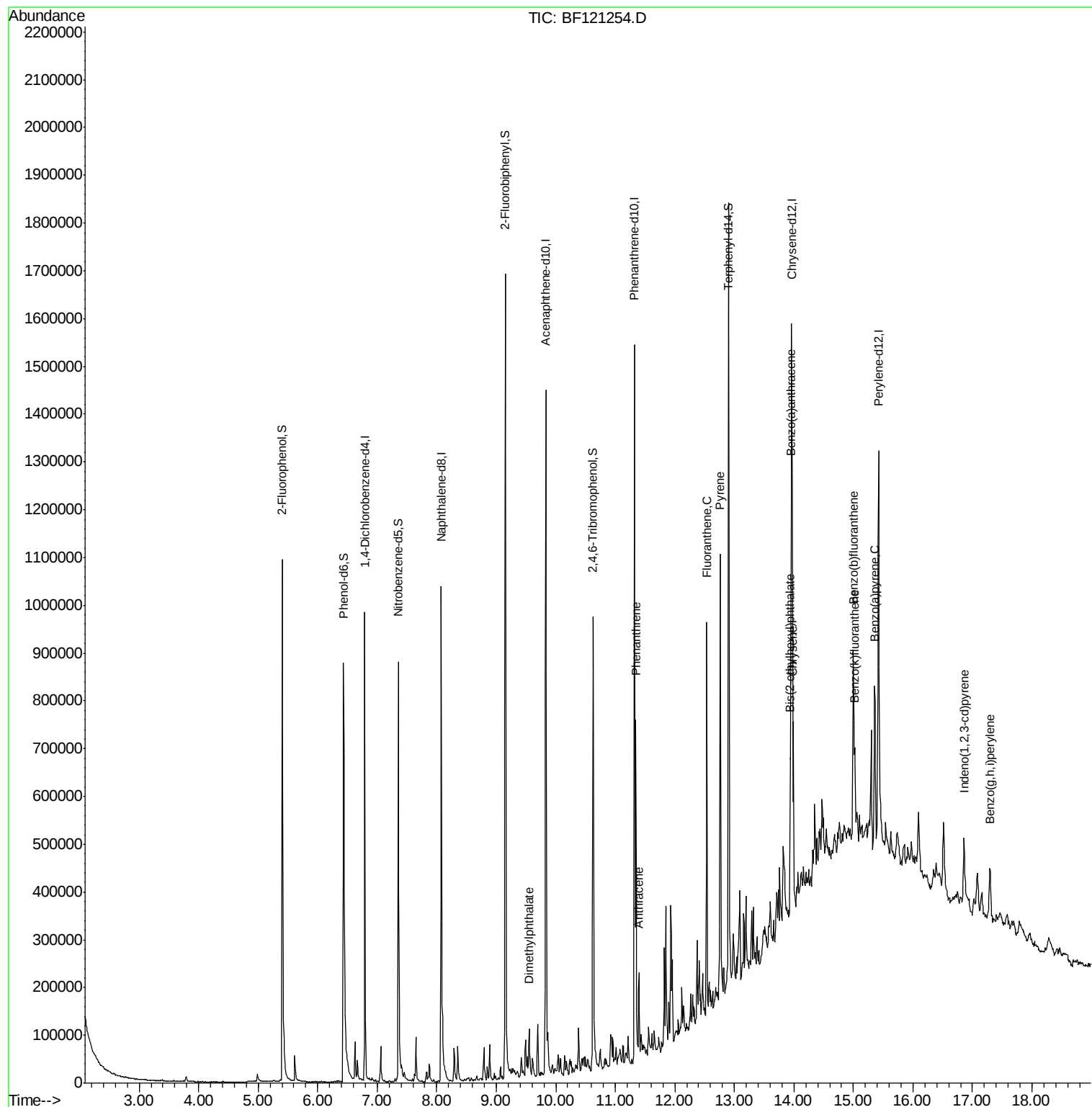
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081120\
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ALS Vial : 19 Sample Multiplier: 1

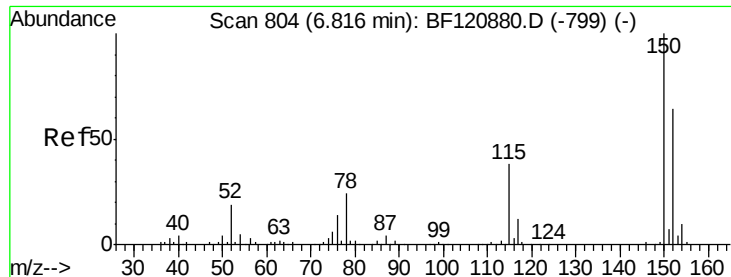
Instrument :
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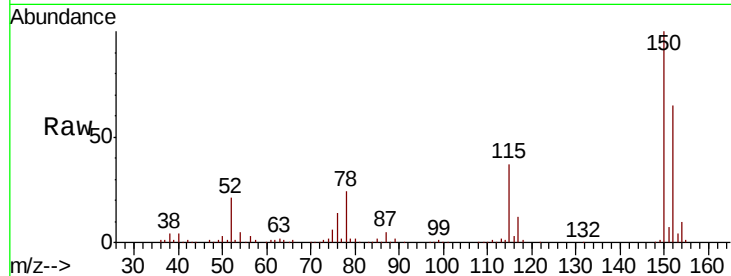
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF121254.D
 Acq: 11 Aug 2020 22:26

Instrument :
 BNA_F
 ClientSampleId :
 CAR-WASH-AREA-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	125.6	188.4
115	58.0	46.2	69.2

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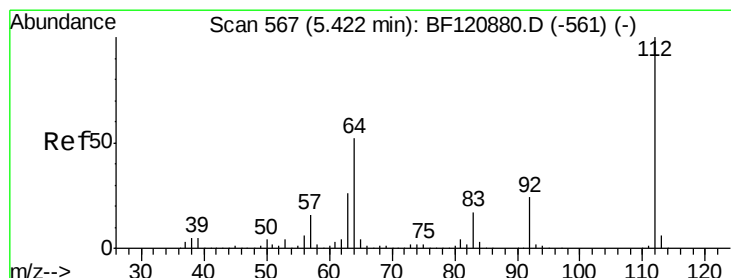
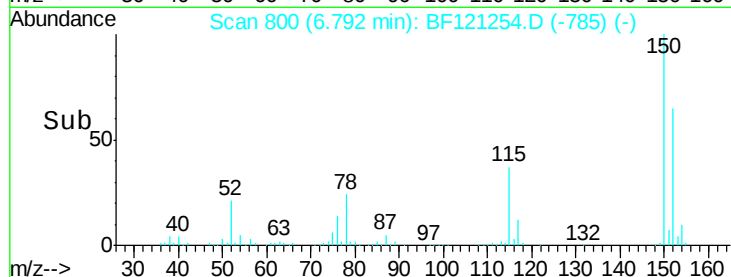
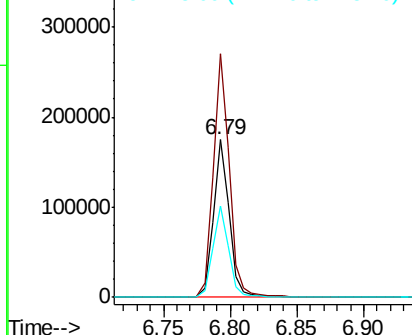


Abundance

Ion 152.00 (151.70 to 152.70): E

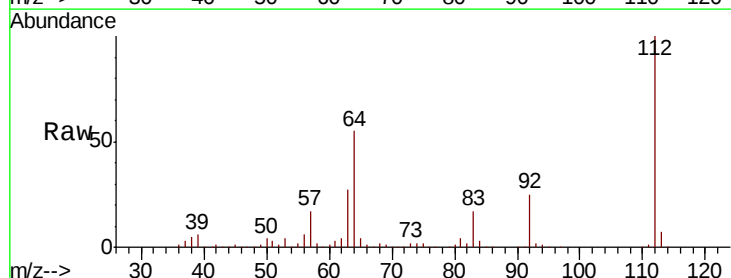
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 43.604 ng
 RT: 5.40 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: BF121254.D
 Acq: 11 Aug 2020 22:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.0	43.9	65.9
63	27.4	22.7	34.1

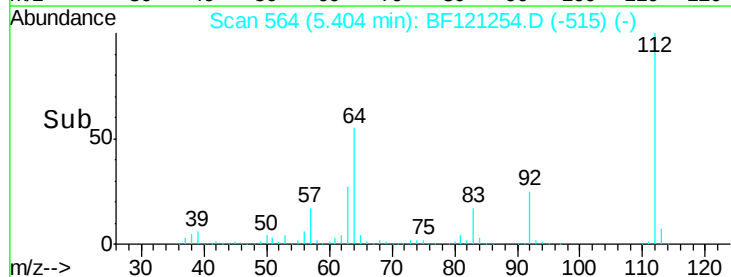
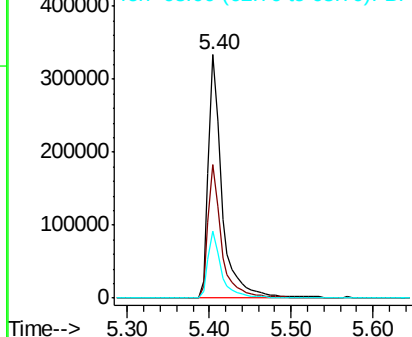


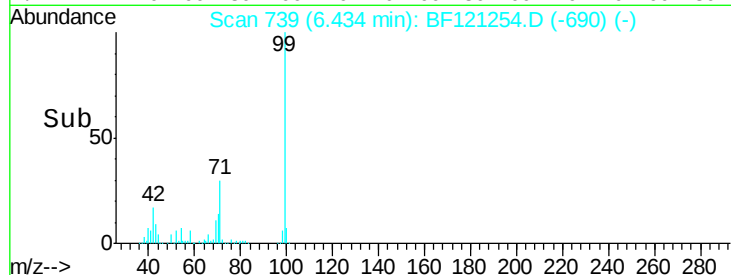
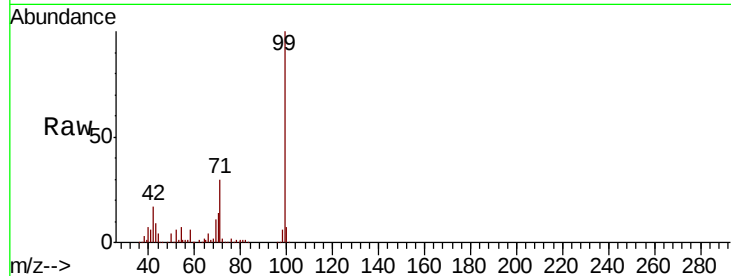
Abundance

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: 42.350 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121254.D

Acq: 11 Aug 2020 22:26

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		489732		
42	17.4	13.5	20.3		
71	30.4	25.0	37.4		

Instrument :

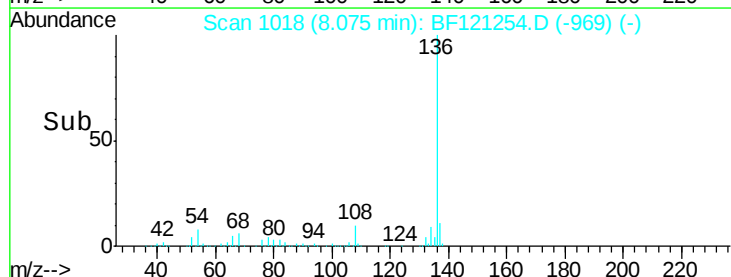
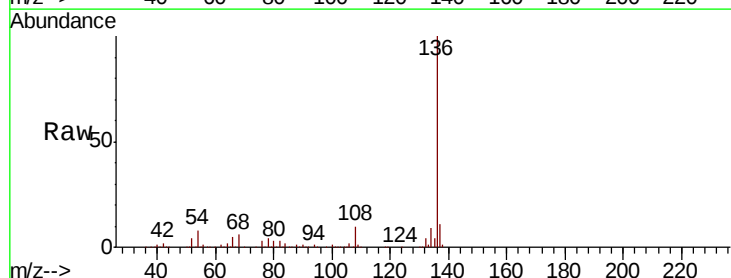
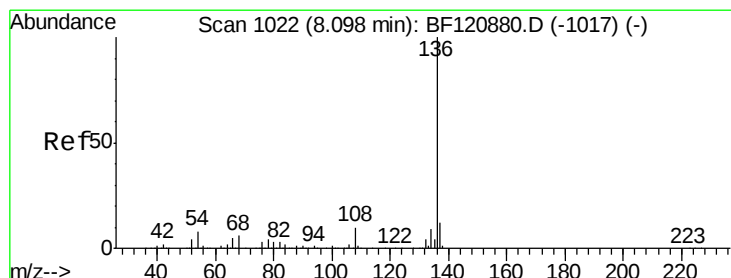
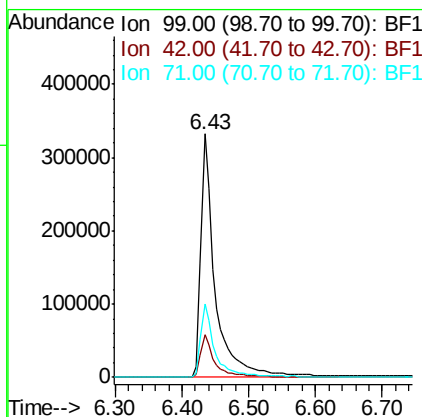
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#21

Naphthalene-d8

Concen: 20.000 ng

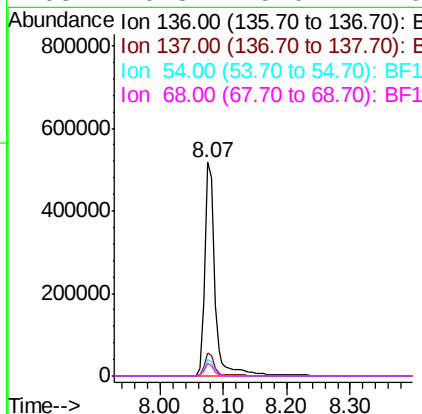
RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF121254.D

Acq: 11 Aug 2020 22:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		580439		
137	11.0	9.0	13.4		
54	8.1	6.1	9.1		
68	6.3	5.0	7.6		





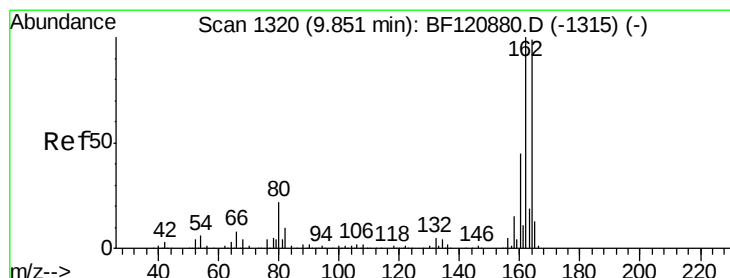
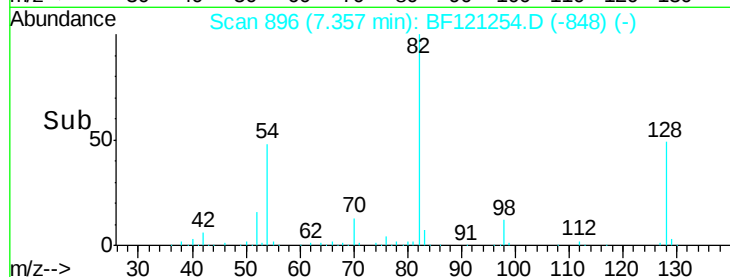
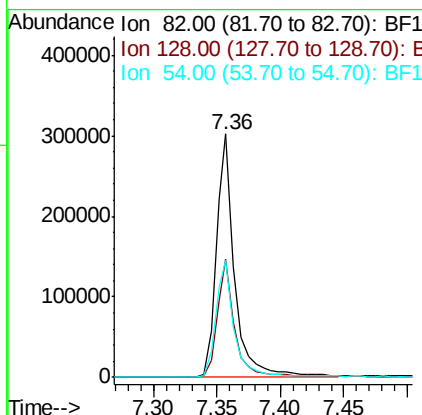
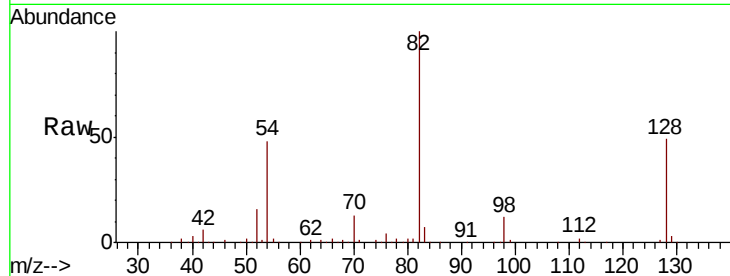
#23
Nitrobenzene-d5
Concen: 30.732 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF121254.D
Acq: 11 Aug 2020 22:26

Instrument :
BNA_F
ClientSampleId :
CAR-WASH-AREA-2

Tot Ion	Ratio	Resp	Lower	Upper
82	100	308279		
128	48.6		39.2	58.8
54	48.2		37.8	56.8

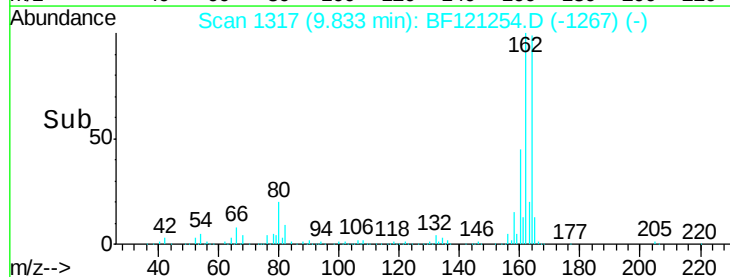
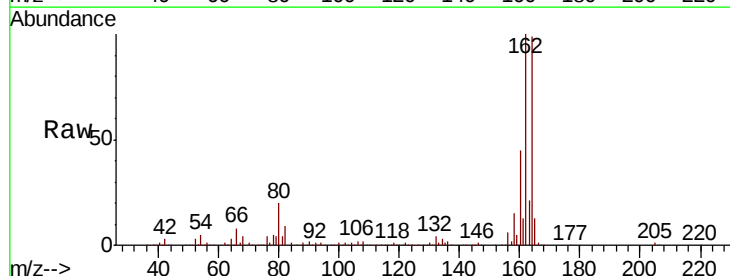
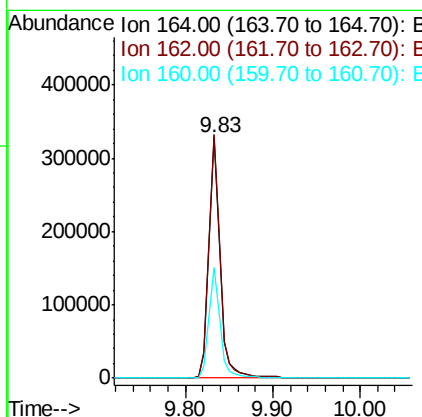
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF121254.D
Acq: 11 Aug 2020 22:26

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	302795		
162	101.1		82.2	123.2
160	45.6		37.2	55.8





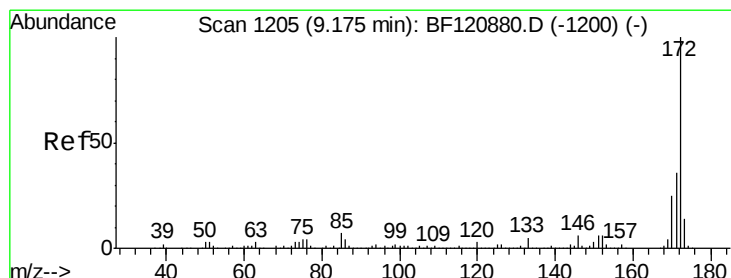
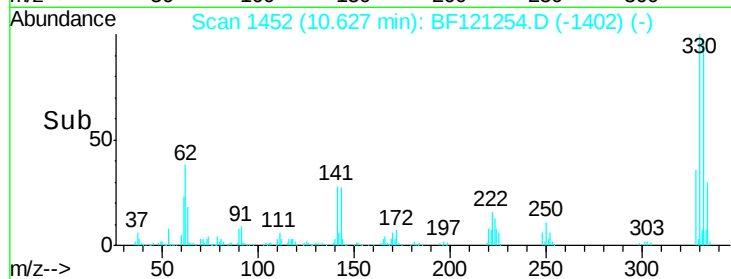
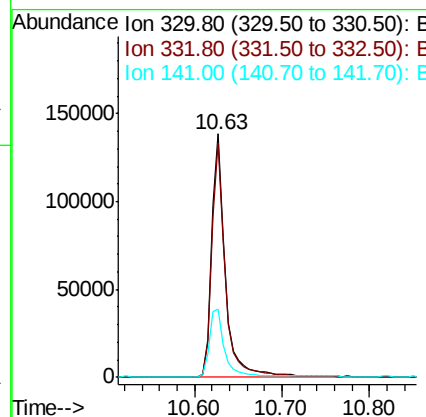
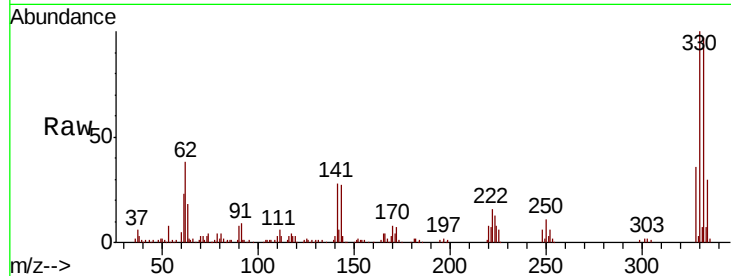
#42
 2,4,6-Tribromophenol
 Concen: 46.062 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF121254.D
 Acq: 11 Aug 2020 22:26

Instrument :
 BNA_F
 ClientSampleId :
 CAR-WASH-AREA-2

Tot Ion	Ratio	Resp	Lower	Upper
330	100	152667		
332	95.0	76.1	114.1	
141	32.5	24.1	36.1	

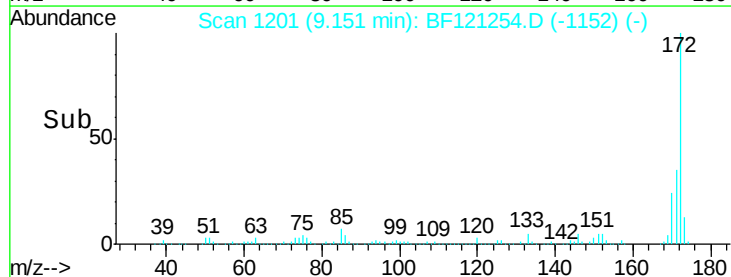
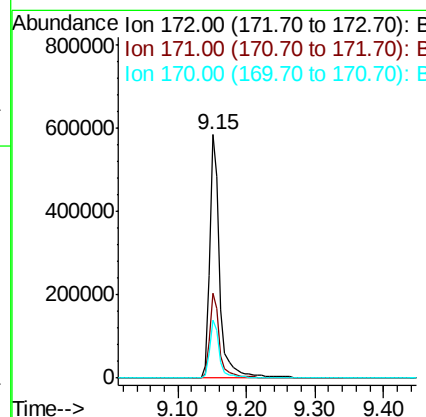
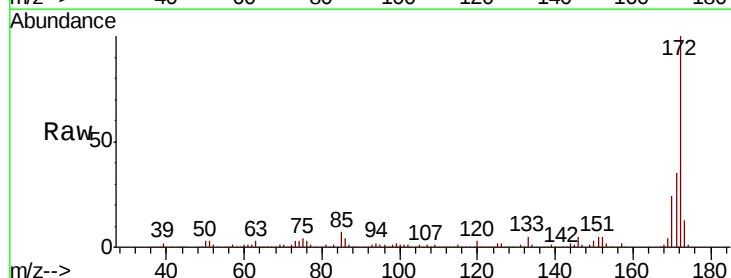
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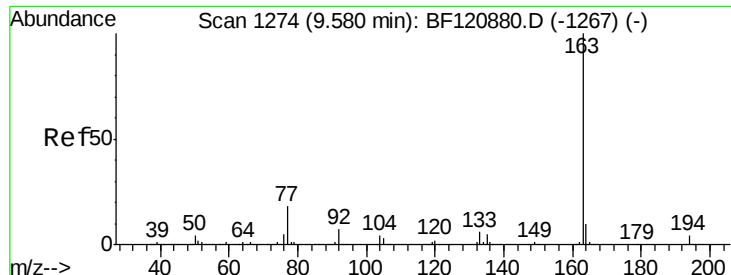
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#45
 2-Fluorobiphenyl
 Concen: 30.390 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF121254.D
 Acq: 11 Aug 2020 22:26

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	616314		
171	35.1	29.0	43.4	
170	23.7	19.6	29.4	





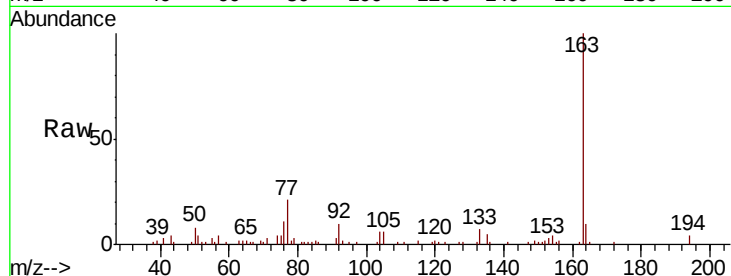
#50
Dimethylphthalate
Concen: 2.058 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF121254.D
Acq: 11 Aug 2020 22:26

Instrument :
BNA_F
ClientSampleId :
CAR-WASH-AREA-2

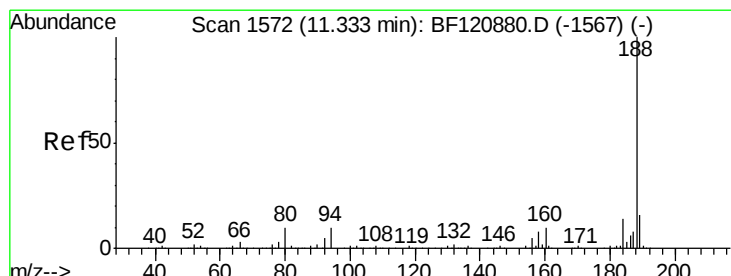
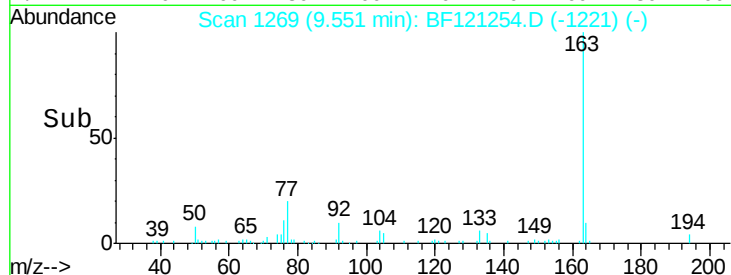
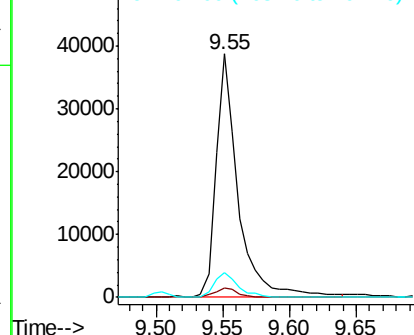
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	10.3	8.4	12.6

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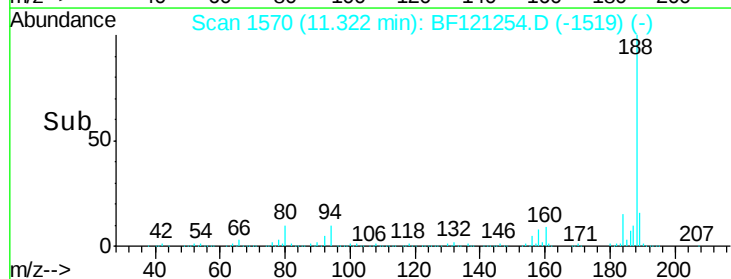
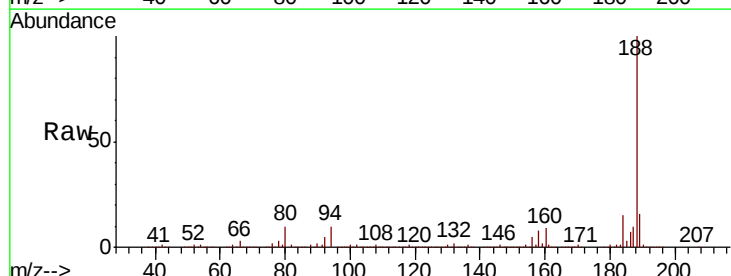
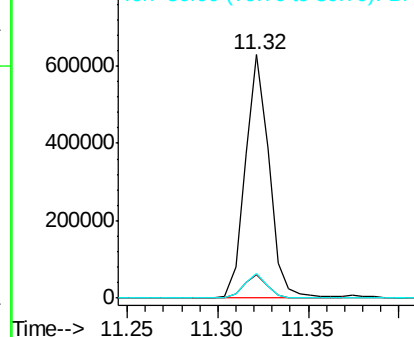
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

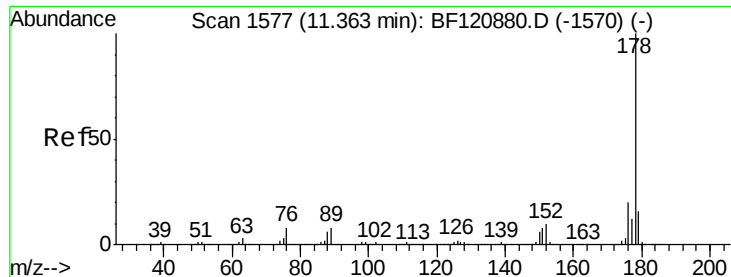


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF121254.D
Acq: 11 Aug 2020 22:26

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.0	12.0
80	10.3	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





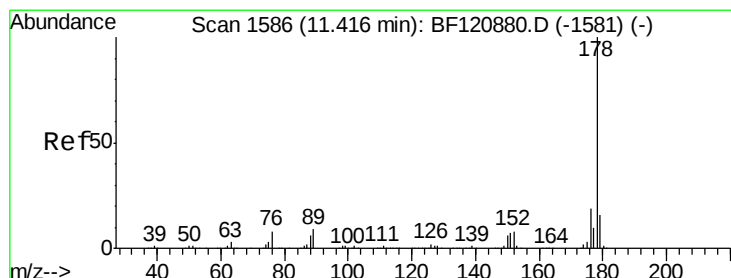
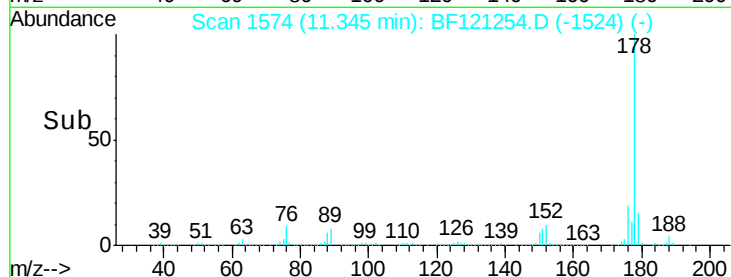
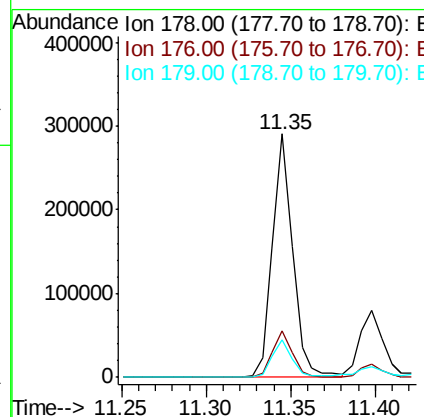
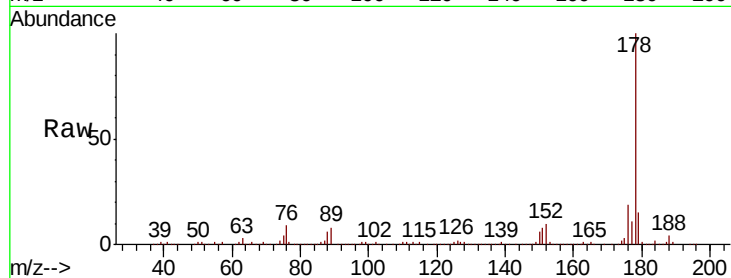
#71
Phenanthrene
Concen: 8.171 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF121254.D
Acq: 11 Aug 2020 22:26

Instrument :
BNA_F
ClientSampleId :
CAR-WASH-AREA-2

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.2	24.2
179	15.3	12.6	19.0

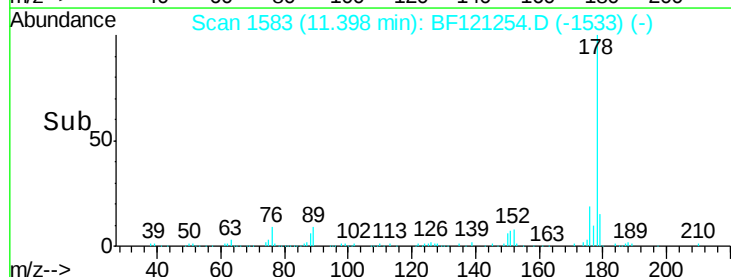
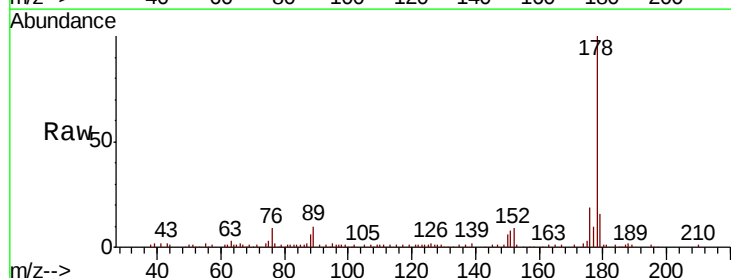
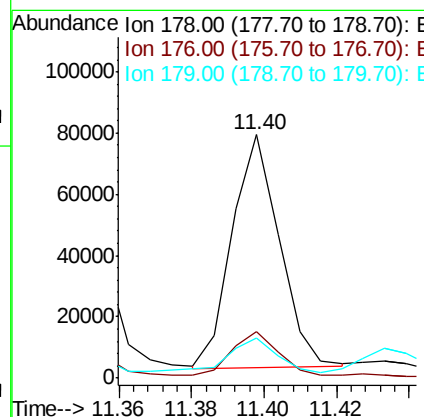
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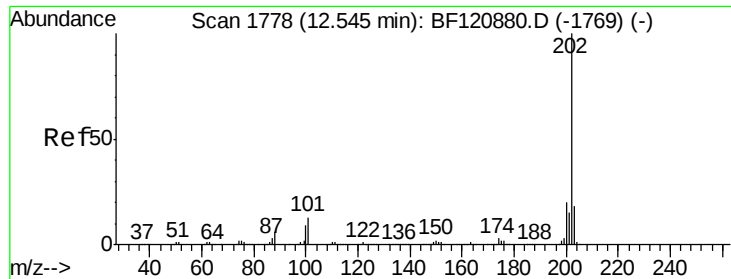
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#72
Anthracene
Concen: 2.321 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF121254.D
Acq: 11 Aug 2020 22:26

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	16.2	12.6	19.0





#75

Fluoranthene

Concen: 10.140 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BF121254.D

Acq: 11 Aug 2020 22:26

Instrument :

BNA_F

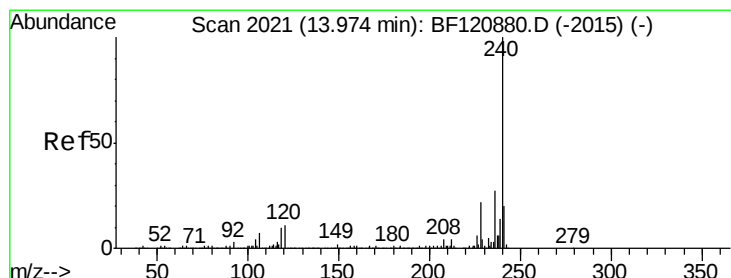
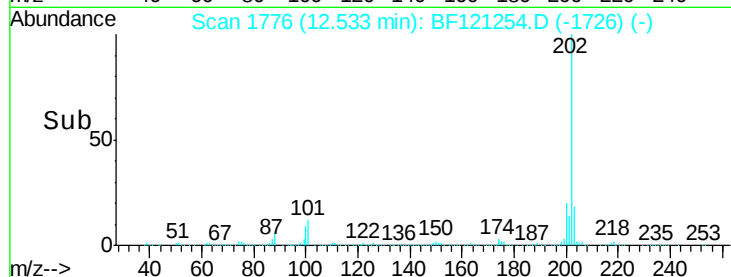
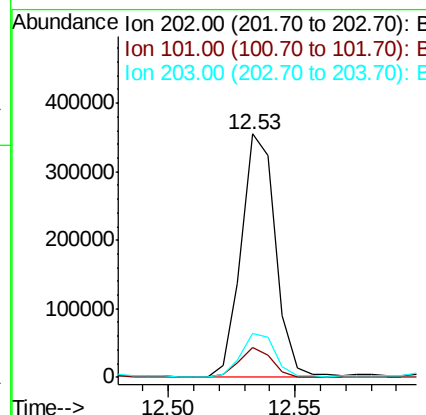
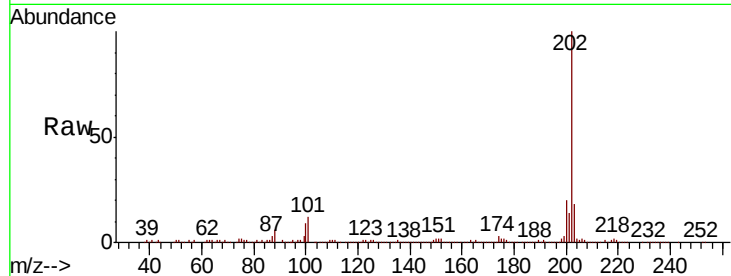
ClientSampleId :

CAR-WASH-AREA-2

Tot Ion	Ratio	Resp	Lower	Upper
202	100	333341		
101	12.3	0.0	30.5	
203	17.9	0.0	37.7	

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#76

Chrysene-d12

Concen: 20.000 ng

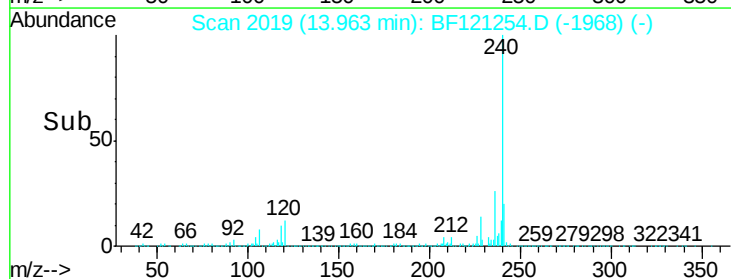
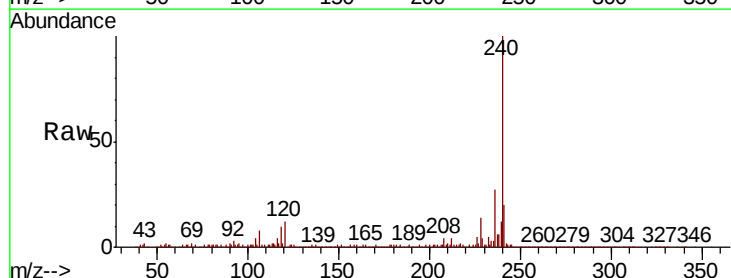
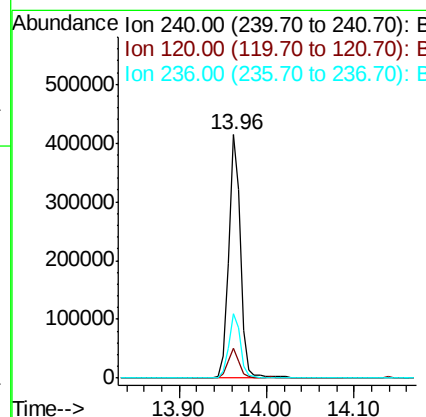
RT: 13.96 min Scan# 2019

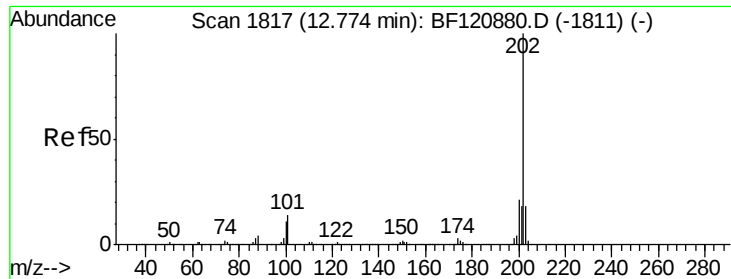
Delta R.T. -0.00 min

Lab File: BF121254.D

Acq: 11 Aug 2020 22:26

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	384258		
120	12.2	9.3	13.9	
236	26.5	21.1	31.7	





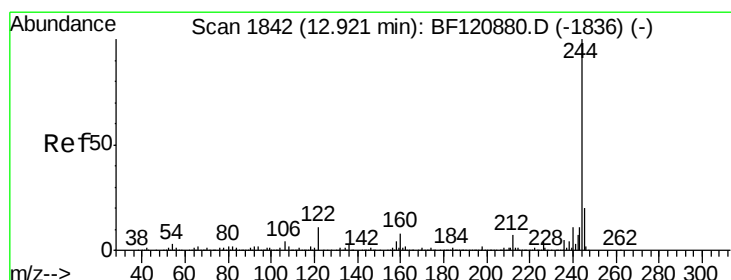
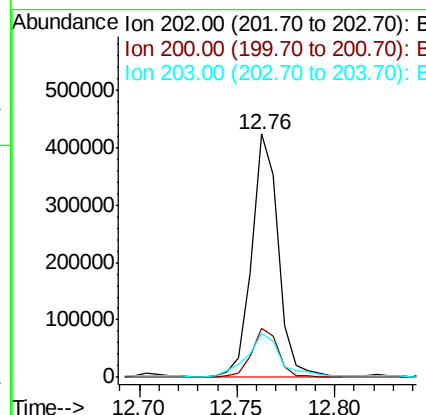
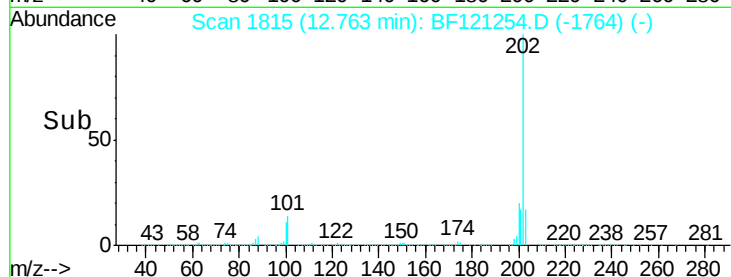
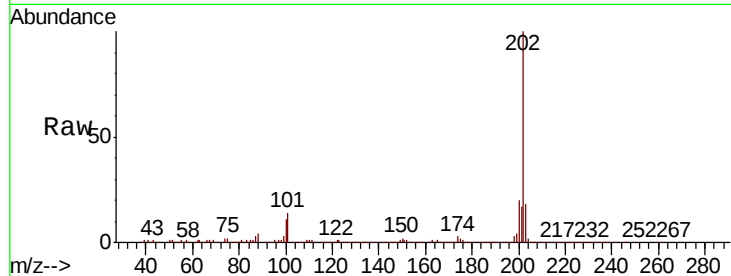
#78
Pvrene
Concen: 14.600 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.00 min
Lab File: BF121254.D
Acq: 11 Aug 2020 22:26

Instrument :
BNA_F
ClientSampleId :
CAR-WASH-AREA-2

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
200	20.3	17.0	25.6		
203	18.0	14.6	21.8		

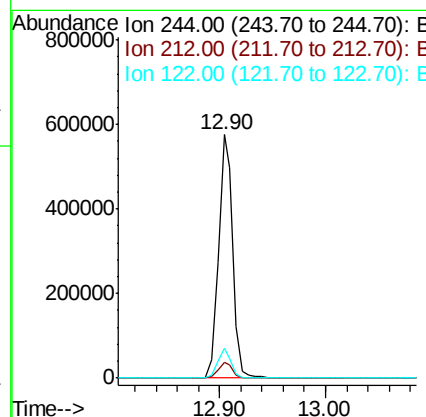
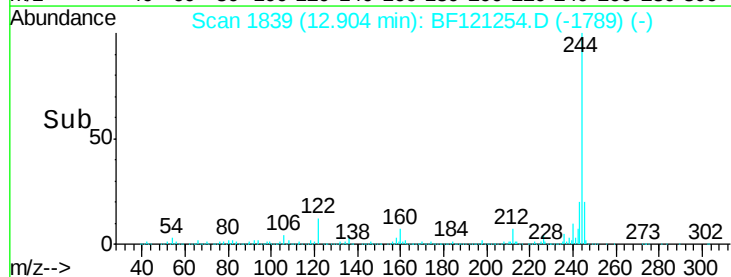
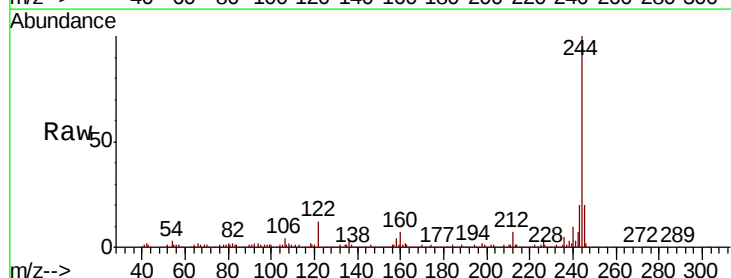
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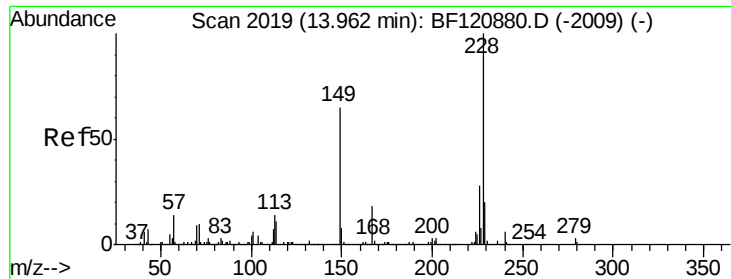
mohammad
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#79
Terphenyl-d14
Concen: 31.151 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF121254.D
Acq: 11 Aug 2020 22:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
244	100				
212	6.7	5.7	8.5		
122	12.1	8.3	12.5		





#81

Benzo(a)anthracene

Concen: 7.167 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF121254.D

Acq: 11 Aug 2020 22:26

Instrument :

BNA_F

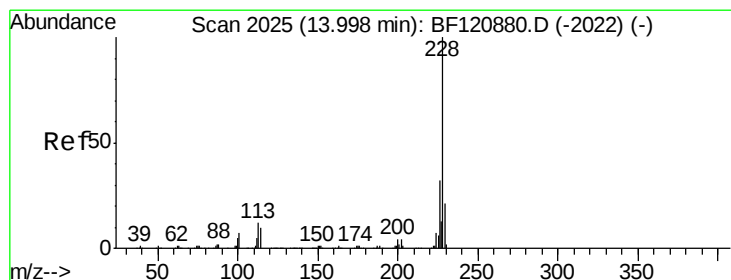
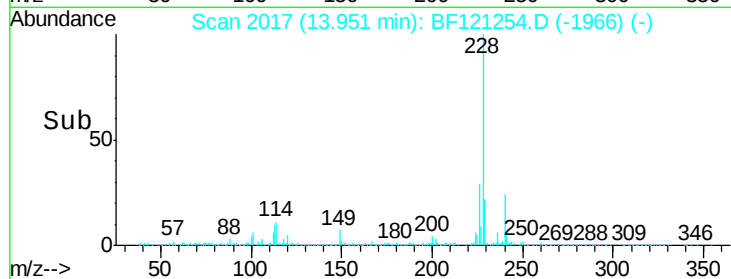
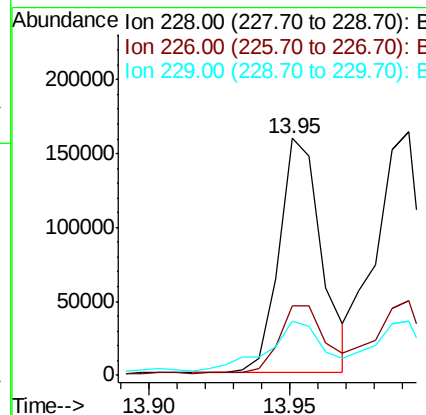
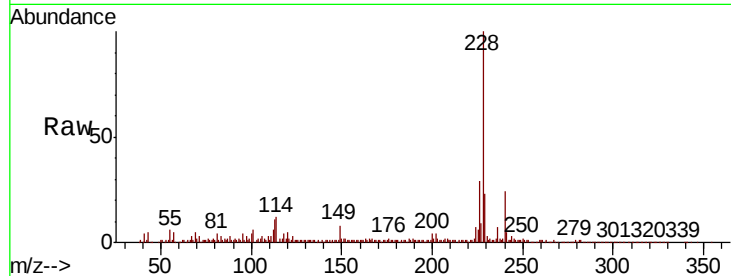
ClientSampleId :

CAR-WASH-AREA-2

Tot Ion:	228	Resp:	166771
Ion Ratio	Lower	Upper	
228	100		
226	29.5	22.6	34.0
229	22.6	16.1	24.1

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#83

Chrysene

Concen: 7.515 ng

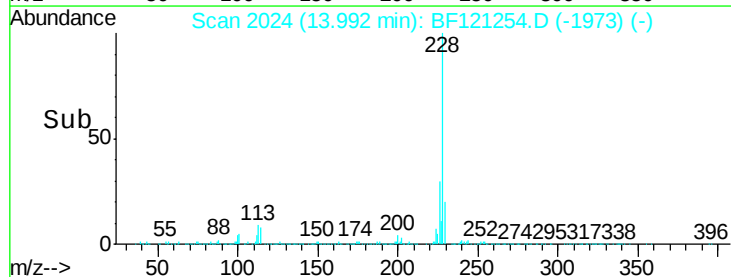
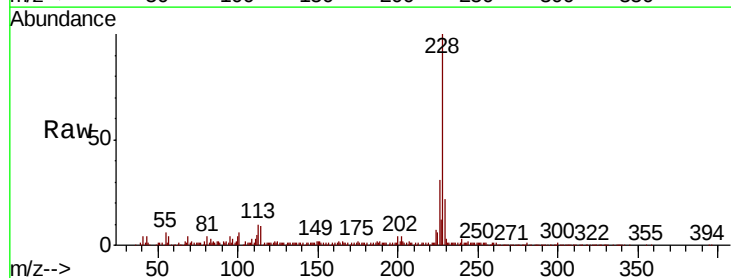
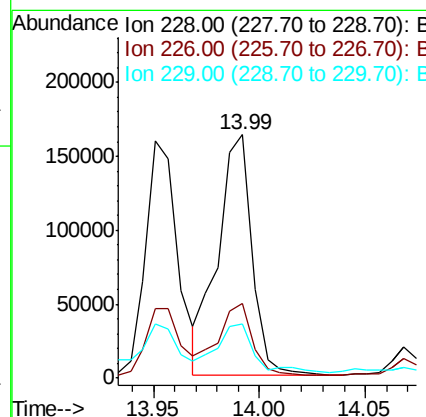
RT: 13.99 min Scan# 2024

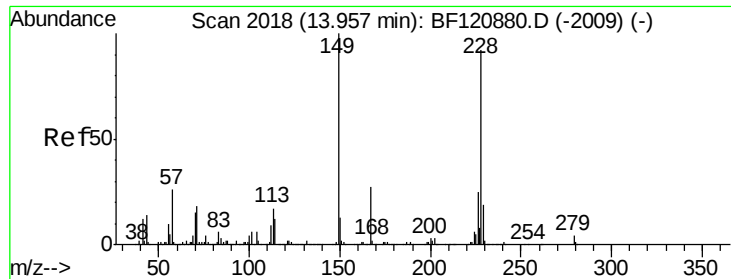
Delta R.T. -0.00 min

Lab File: BF121254.D

Acq: 11 Aug 2020 22:26

Tgt Ion:	228	Resp:	183769
Ion Ratio	Lower	Upper	
228	100		
226	30.6	25.4	38.0
229	22.0	16.2	24.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 5.107 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF121254.D

Acq: 11 Aug 2020 22:26

Instrument :

BNA_F

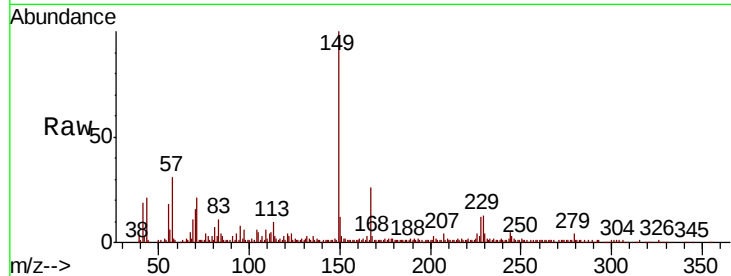
ClientSampleId :

CAR-WASH-AREA-2

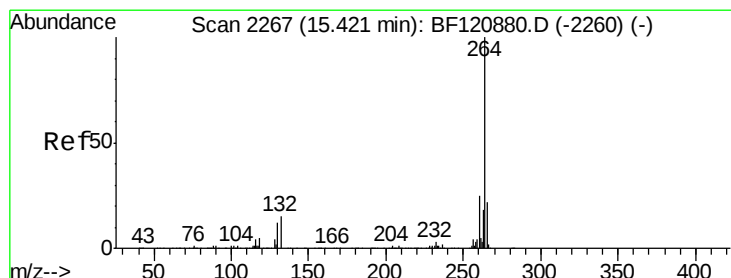
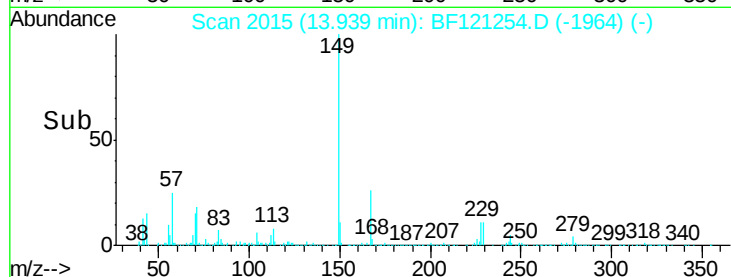
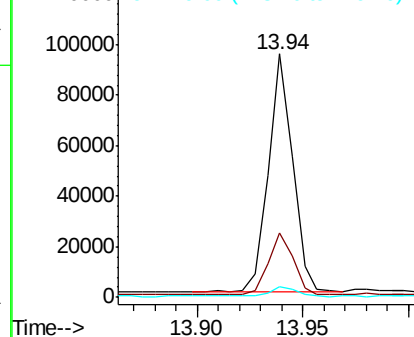
Tot Ion:	149	Resp:	76265
Ion Ratio	Lower	Upper	
149	100		
167	26.4	21.8	32.6
279	4.4	2.9	4.3#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

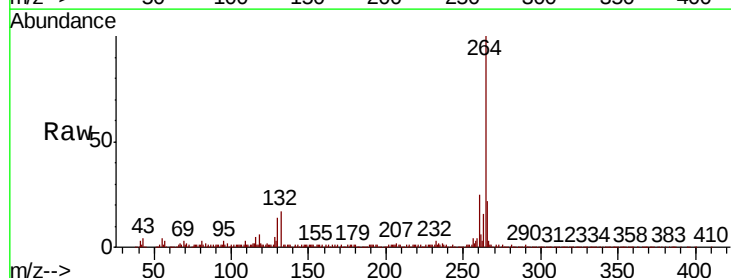
RT: 15.42 min Scan# 2267

Delta R.T. 0.02 min

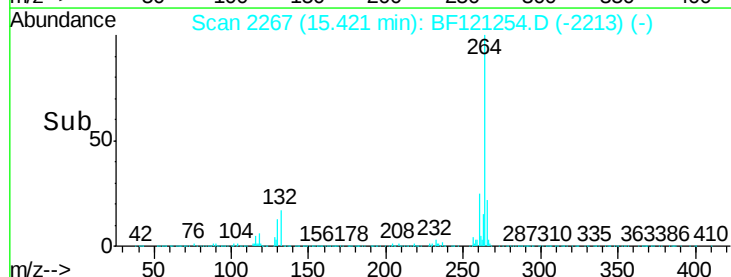
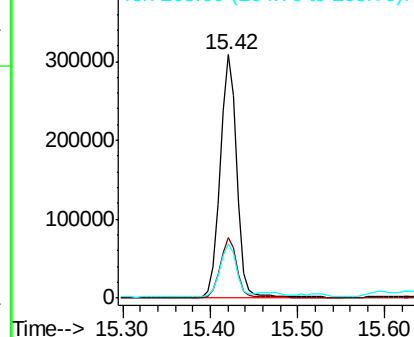
Lab File: BF121254.D

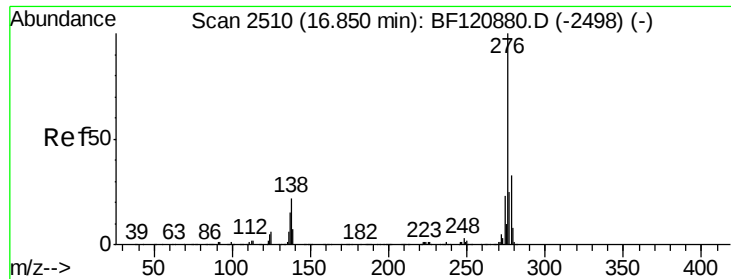
Acq: 11 Aug 2020 22:26

Tgt Ion:	264	Resp:	407239
Ion Ratio	Lower	Upper	
264	100		
260	24.8	19.9	29.9
265	22.2	17.8	26.8



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





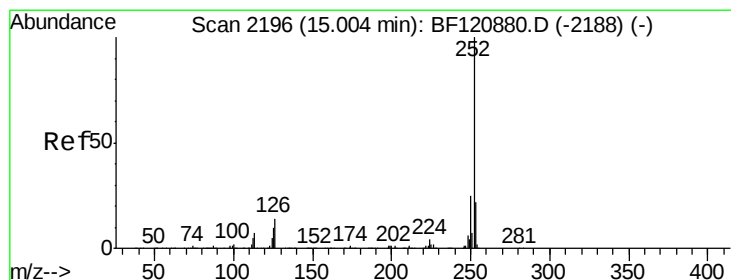
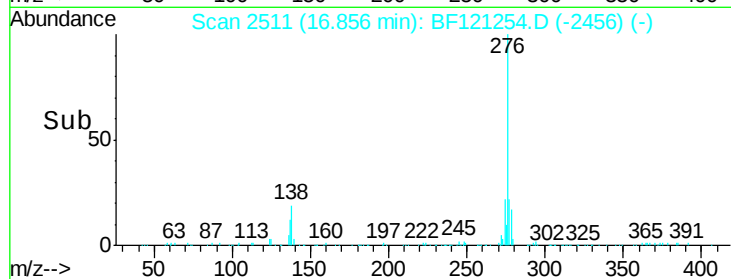
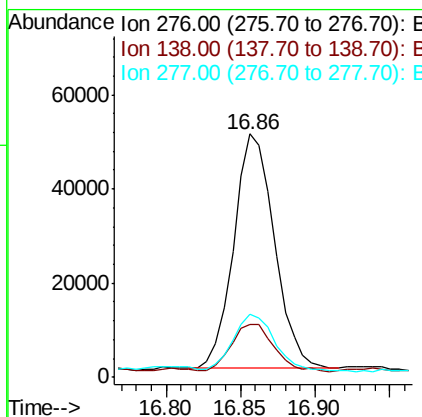
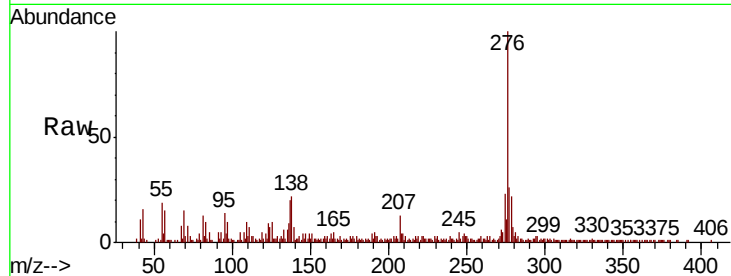
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.324 ng
 RT: 16.86 min Scan# 2511
 Delta R.T. 0.02 min
 Lab File: BF121254.D
 Acq: 11 Aug 2020 22:26

Instrument :
 BNA_F
 ClientSampleId :
 CAR-WASH-AREA-2

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.1	19.3	28.9
277	25.2	20.1	30.1

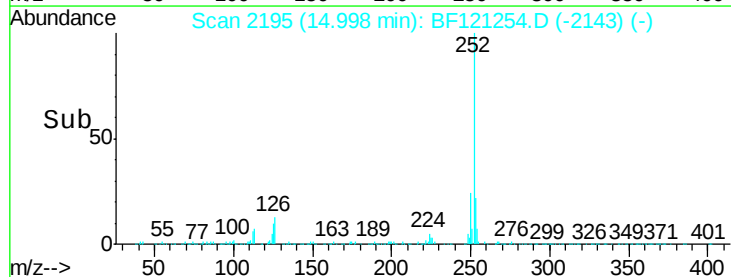
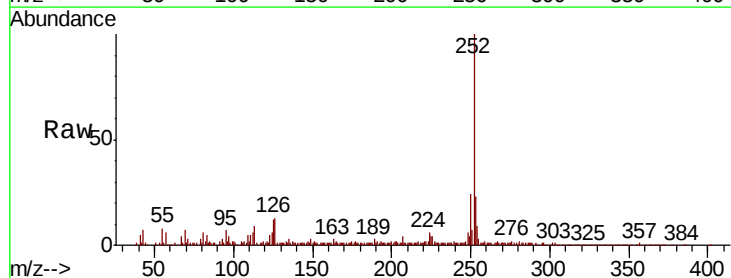
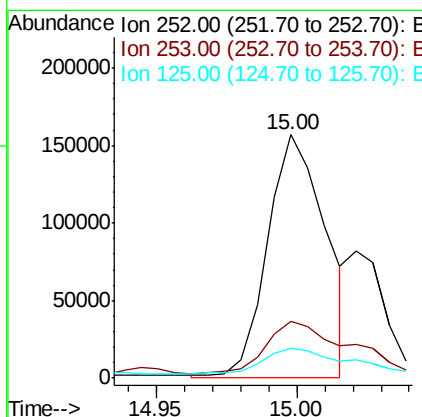
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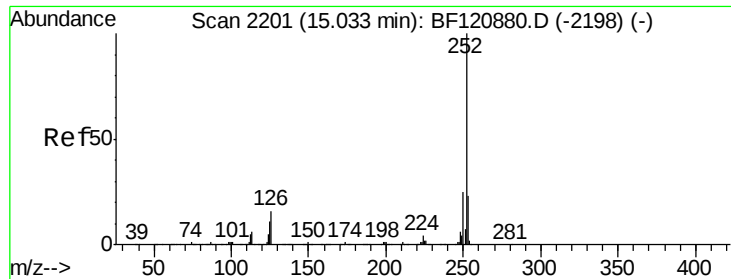
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 9.219 ng m
 RT: 15.00 min Scan# 2195
 Delta R.T. 0.01 min
 Lab File: BF121254.D
 Acq: 11 Aug 2020 22:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	12.1	8.1	12.1





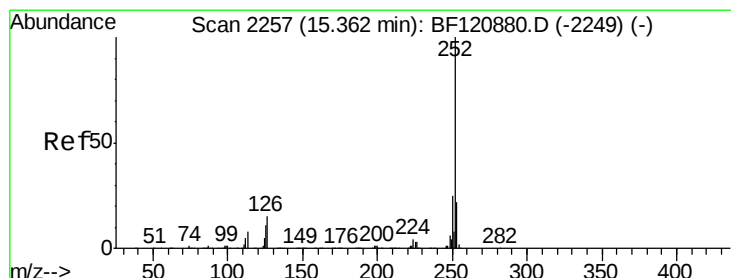
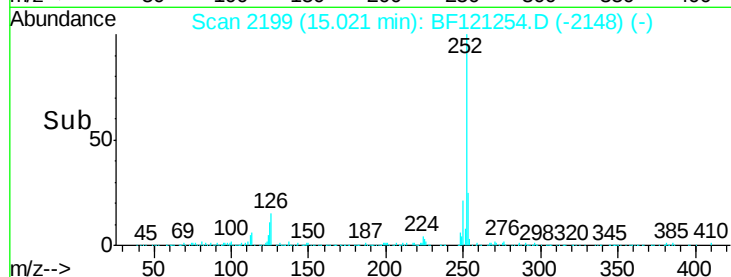
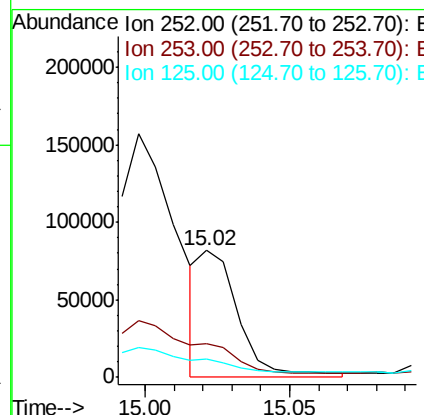
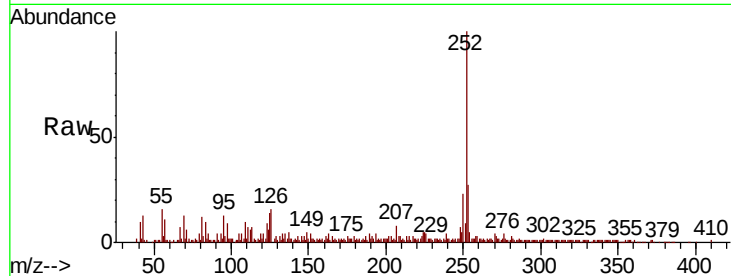
#89
Benzo(k)fluoranthene
Concen: 3.436 ng m
RT: 15.02 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BF121254.D
Acq: 11 Aug 2020 22:26

Instrument :
BNA_F
ClientSampleId :
CAR-WASH-AREA-2

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.7	18.1	27.1
125	14.2	8.0	12.0

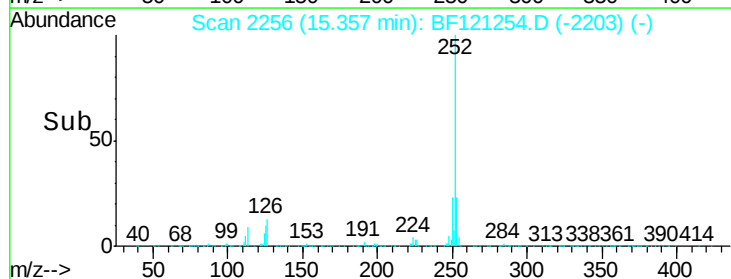
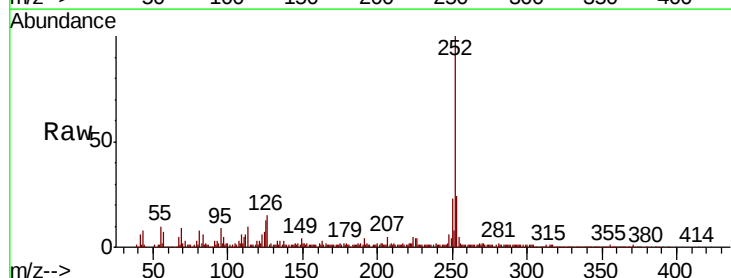
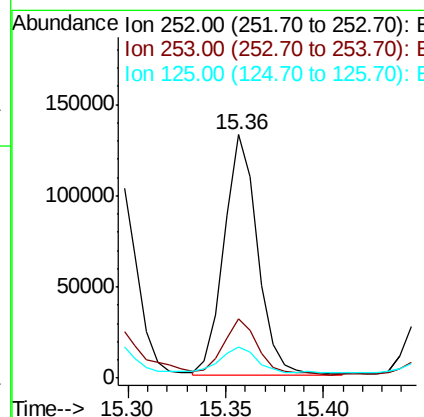
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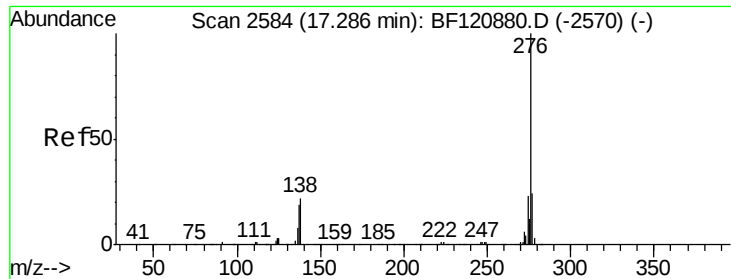
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#90
Benzo(a)pyrene
Concen: 7.025 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.01 min
Lab File: BF121254.D
Acq: 11 Aug 2020 22:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.0	27.0
125	12.6	9.5	14.3





#92
 Benzo(a,h,i)perylene
 Concen: 4.166 ng
 RT: 17.30 min Scan# 2586
 Delta R.T. 0.04 min
 Lab File: BF121254.D
 Acq: 11 Aug 2020 22:26

Instrument :
 BNA_F
 ClientSampleId :
 CAR-WASH-AREA-2

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.4	29.0
138	23.6	17.2	25.8

Manual Integrations
 APPROVED

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