

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022620\
 Data File : BF119097.D
 Acq On : 26 Feb 2020 16:24
 Operator : CG/JU
 Sample : L1675-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-FRONT-PARKING

Manual Integrations
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mohammad
 2/27/2020 4:58:32 PM

Quant Time: Feb 26 17:44:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	163249	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	612823	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	315961	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	506233	20.00	ng	0.00
76) Chrysene-d12	13.90	240	318086	20.00	ng	0.00
87) Perylene-d12	15.32	264	389633	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1008194	103.21	ng	0.00
7) Phenol-d6	6.39	99	1209913	101.84	ng	-0.01
23) Nitrobenzene-d5	7.31	82	800189	68.94	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	373862	90.45	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1487910	69.37	ng	0.00
79) Terphenyl-d14	12.84	244	1265454	68.49	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.49	163	105703	4.375	ng	99
71) Phenanthrene	11.28	178	329968	11.952	ng	97
72) Anthracene	11.33	178	83220	3.017	ng	97
75) Fluoranthene	12.47	202	562486	19.194	ng	99
78) Pyrene	12.70	202	499986	19.575	ng	98
81) Benzo(a)anthracene	13.89	228	240587	11.101	ng	98
83) Chrysene	13.92	228	234049m	10.838	ng	
86) Indeno(1,2,3-cd)pyrene	16.72	276	185613	8.877	ng	96
88) Benzo(b)fluoranthene	14.92	252	352880m	13.740	ng	
89) Benzo(k)fluoranthene	14.94	252	108063m	4.540	ng	
90) Benzo(a)pyrene	15.26	252	257787	11.122	ng	100
91) Dibenzo(a,h)anthracene	16.72	278	48411	2.374	ng	# 80
92) Benzo(a,h,i)perylene	17.14	276	178874	8.877	ng	98

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

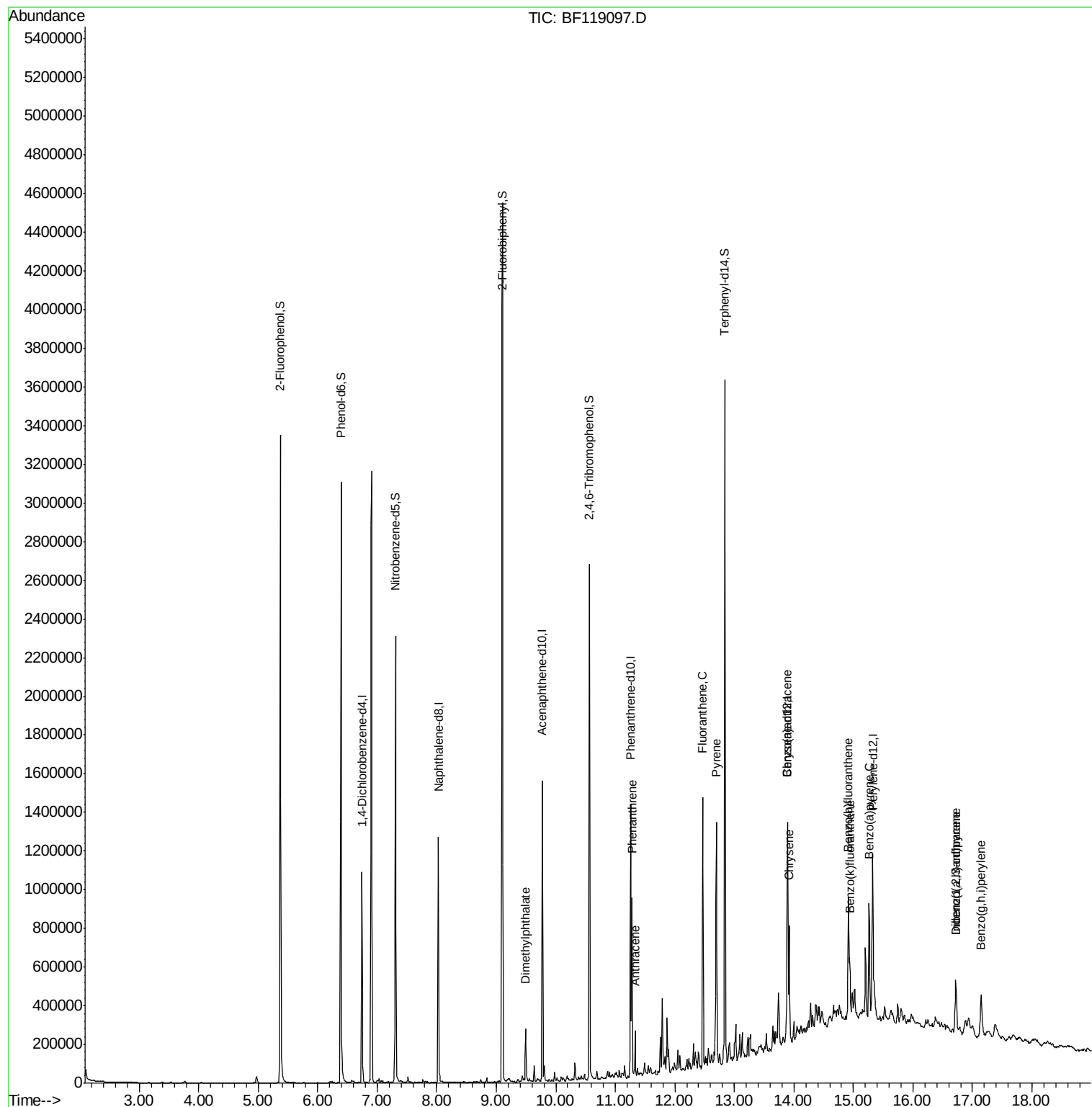
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022620\
Data File : BF119097.D
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Misc :
ALS Vial : 12 Sample Multiplier: 1

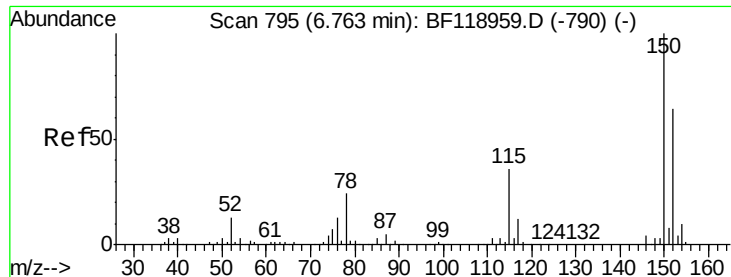
Instrument :
BNA_F
ClientSampleId :
COMP-FRONT-PARKING

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
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#1

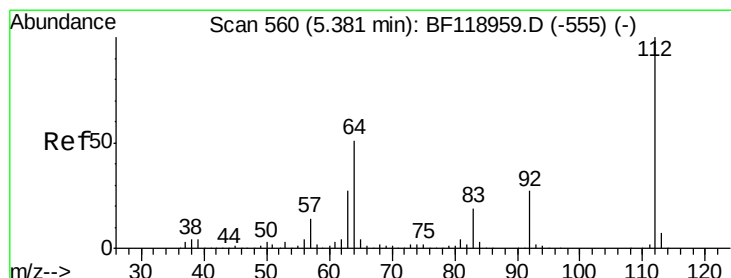
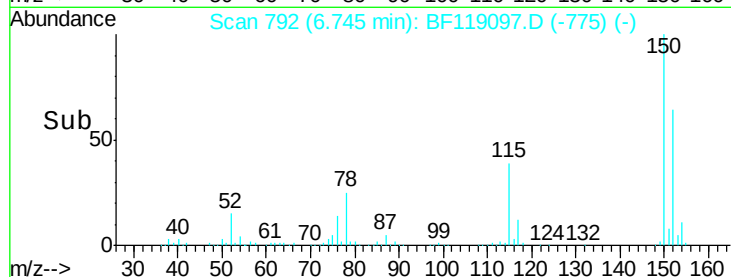
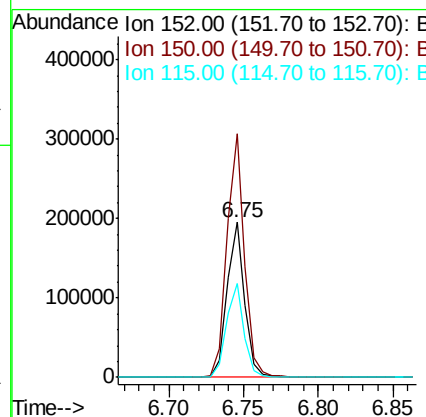
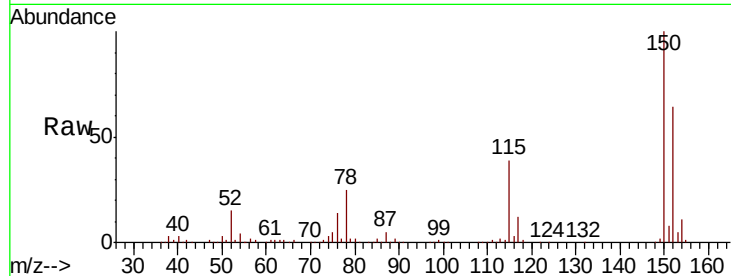
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF119097.D
Acq: 26 Feb 2020 16:24

Instrument :
BNA_F
ClientSampleId :
COMP-FRONT-PARKING

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	123.0	184.6
115	60.7	49.5	74.3

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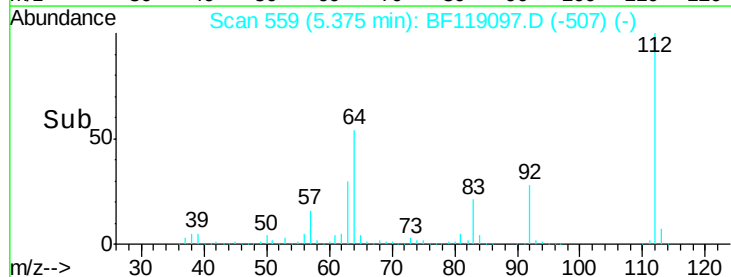
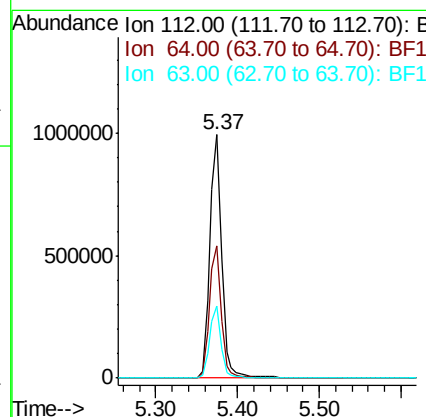
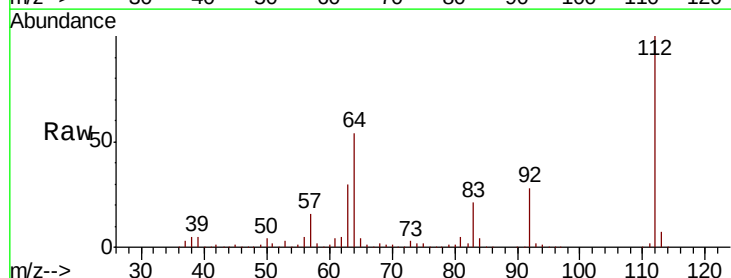
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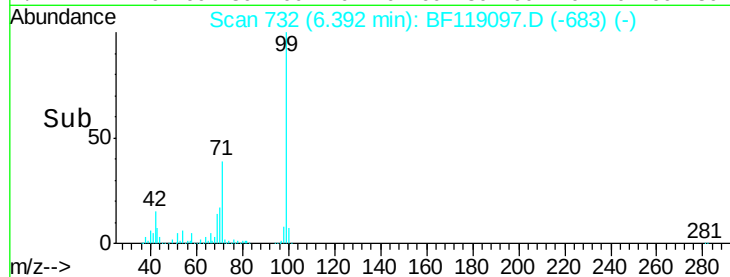
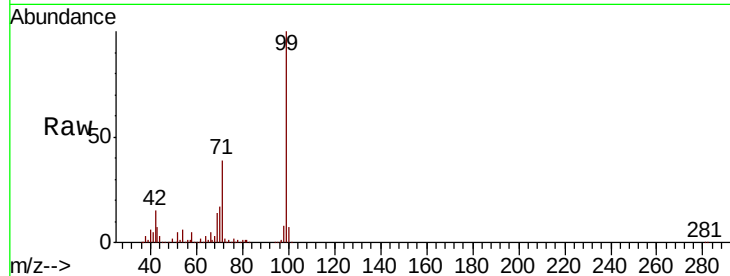
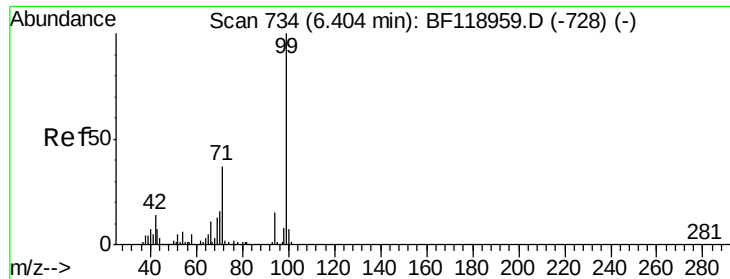


#5

2-Fluorophenol
Concen: 103.209 ng
RT: 5.37 min Scan# 559
Delta R.T. 0.01 min
Lab File: BF119097.D
Acq: 26 Feb 2020 16:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	45.0	67.4
63	29.6	24.2	36.4





#7

Phenol-d6

Concen: 101.842 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119097.D

Acq: 26 Feb 2020 16:24

Tot Ion:	99	Resp:	1209913
Ion	Ratio	Lower	Upper
99	100		
42	15.4	12.6	18.8
71	39.0	31.0	46.4

Instrument :

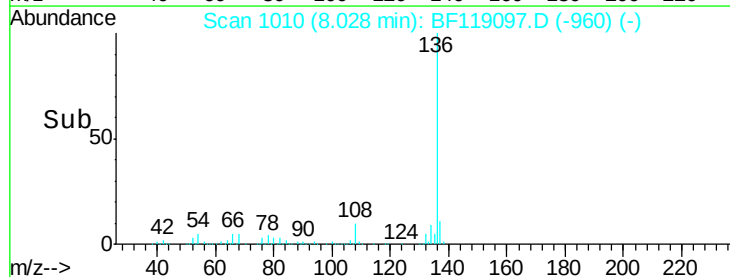
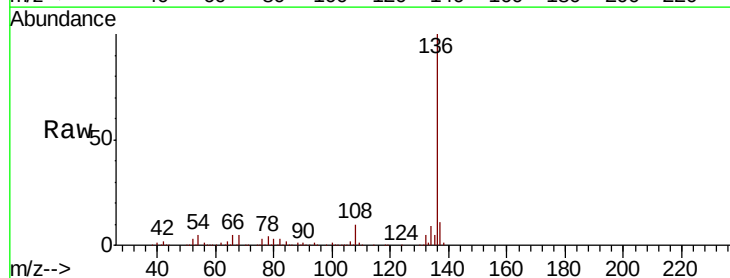
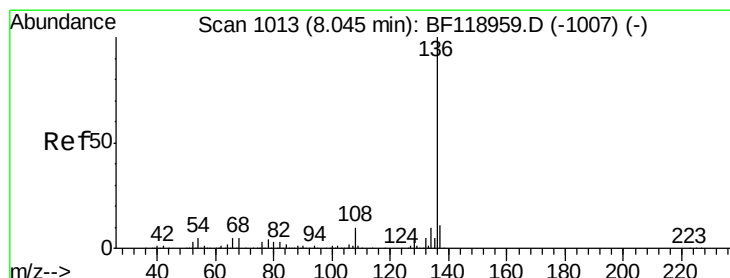
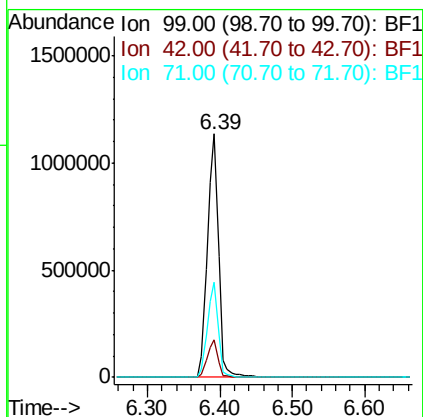
BNA_F

ClientSampleId :

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#21

Naphthalene-d8

Concen: 20.000 ng

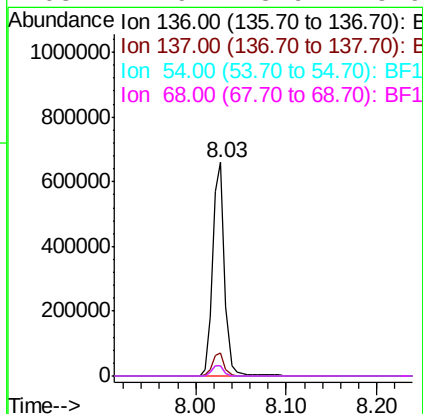
RT: 8.03 min Scan# 1010

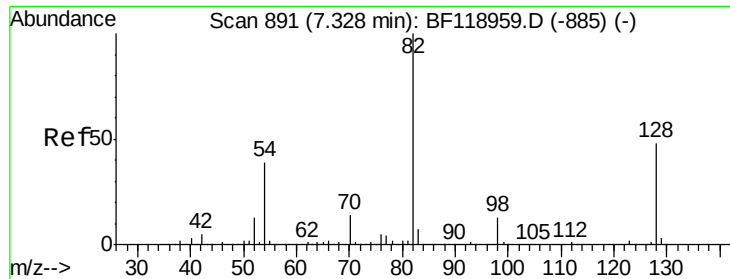
Delta R.T. -0.01 min

Lab File: BF119097.D

Acq: 26 Feb 2020 16:24

Tgt Ion:	136	Resp:	612823
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	4.7	3.8	5.6
68	4.9	3.9	5.9





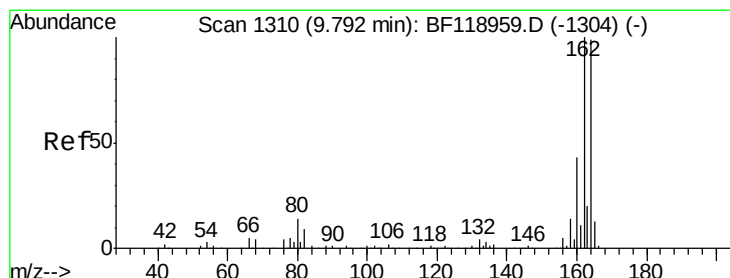
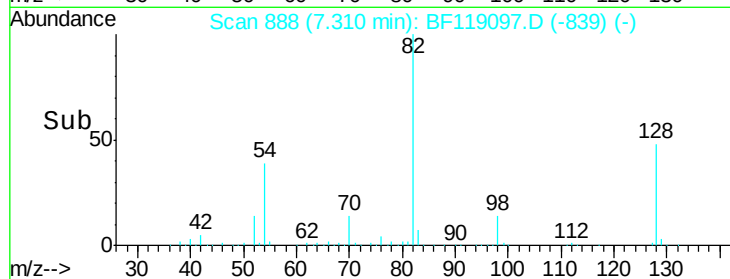
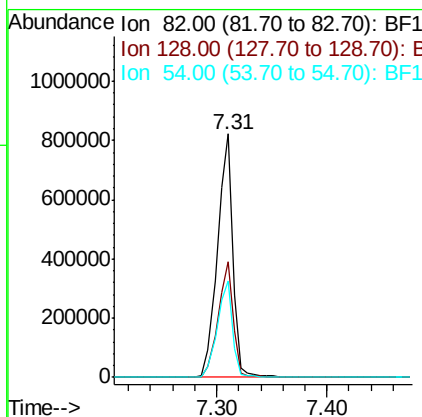
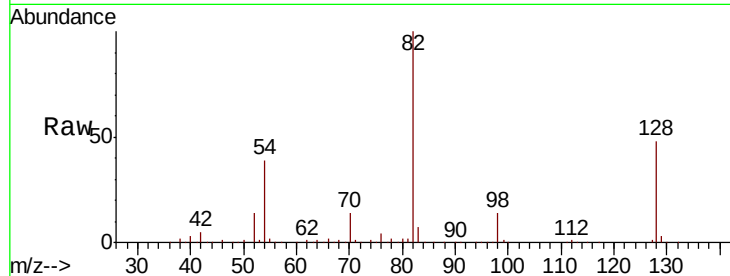
#23
Nitrobenzene-d5
Concen: 68.943 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF119097.D
Acq: 26 Feb 2020 16:24

Instrument :
BNA_F
ClientSampleId :
COMP-FRONT-PARKING

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.6	37.9	56.9
54	39.5	33.4	50.2

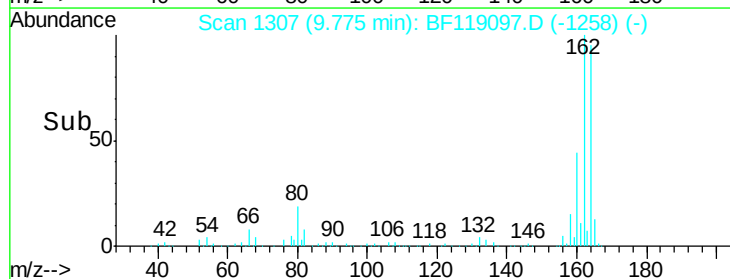
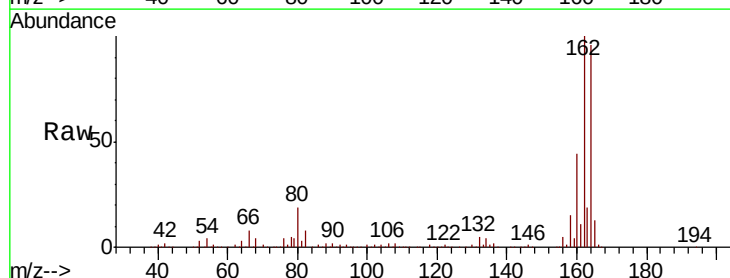
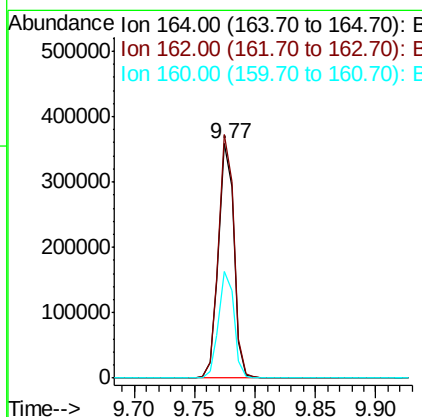
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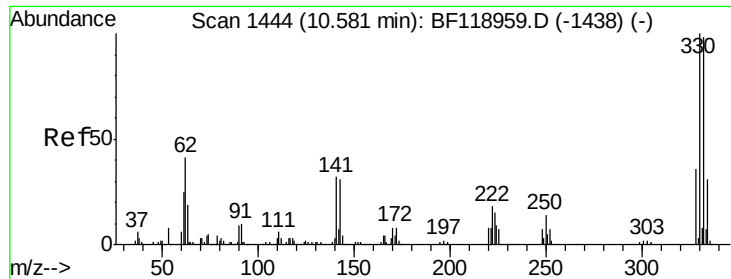
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF119097.D
Acq: 26 Feb 2020 16:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	81.8	122.8
160	45.5	36.0	54.0





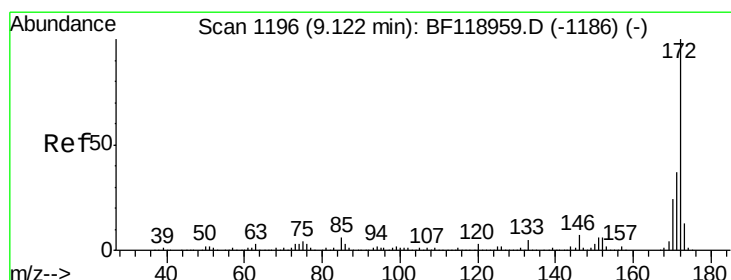
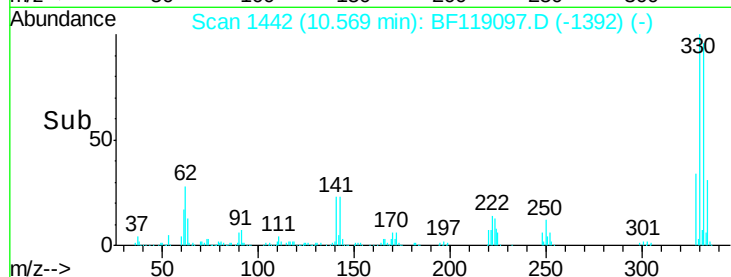
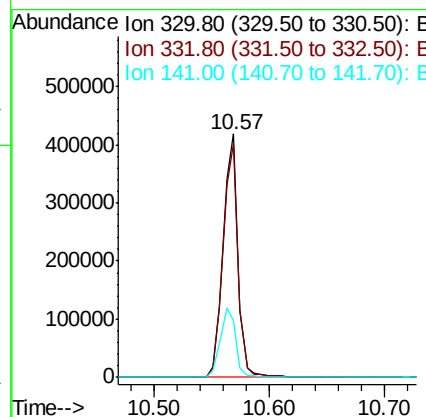
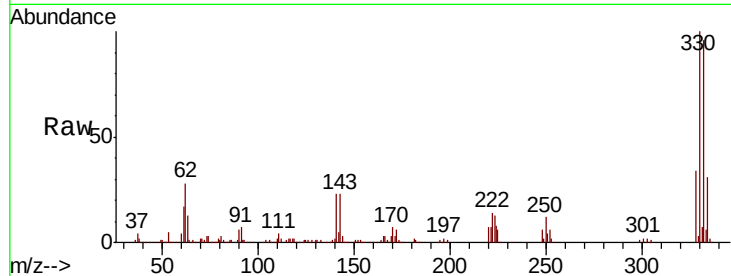
#42
 2,4,6-Tribromophenol
 Concen: 90.451 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119097.D
 Acq: 26 Feb 2020 16:24

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
330	100	373862		
332	97.5	76.0	114.0	
141	30.0	22.9	34.3	

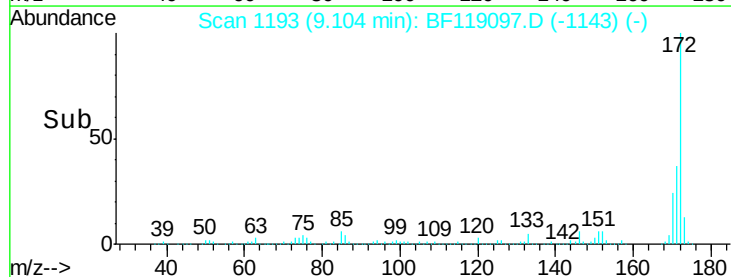
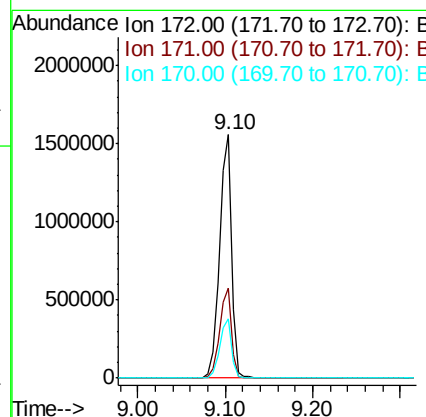
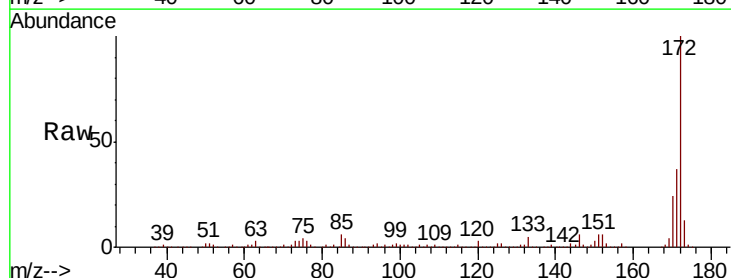
Manual Integrations
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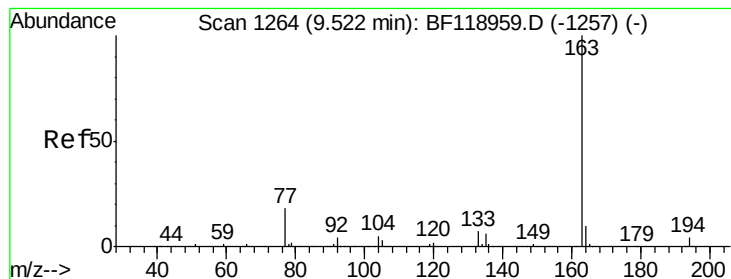
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#45
 2-Fluorobiphenyl
 Concen: 69.374 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF119097.D
 Acq: 26 Feb 2020 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1487910		
171	37.0	30.6	45.8	
170	24.2	20.2	30.2	





#50

Dimethylphthalate

Concen: 4.375 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF119097.D

Acq: 26 Feb 2020 16:24

Instrument :

BNA_F

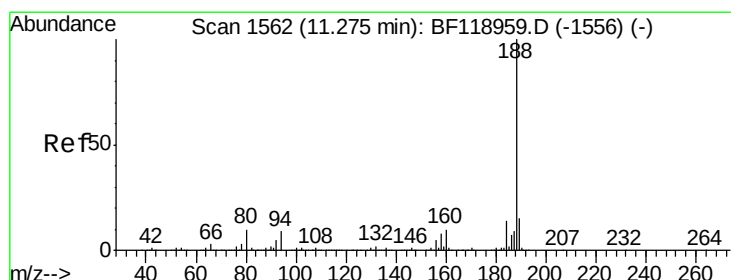
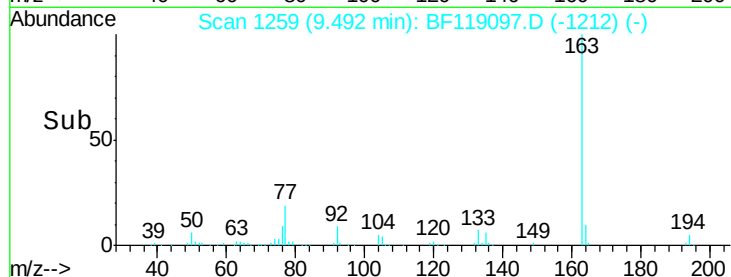
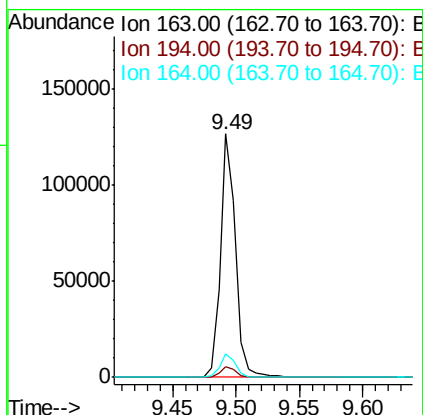
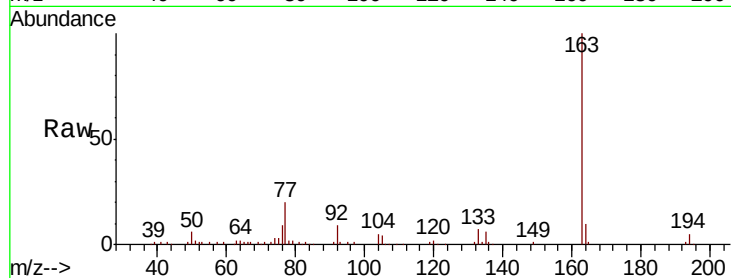
ClientSampleId :

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Tot Ion:	163	Resp:	105703
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.5	5.3
164	9.9	8.4	12.6

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#64

Phenanthrene-d10

Concen: 20.000 ng

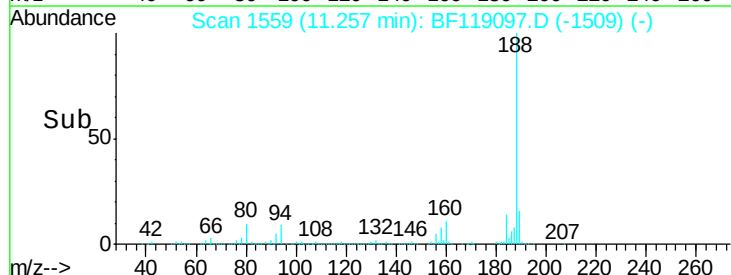
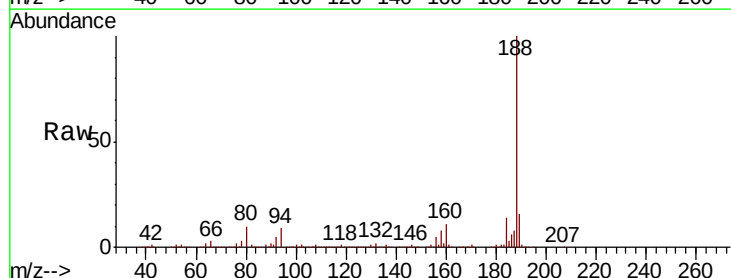
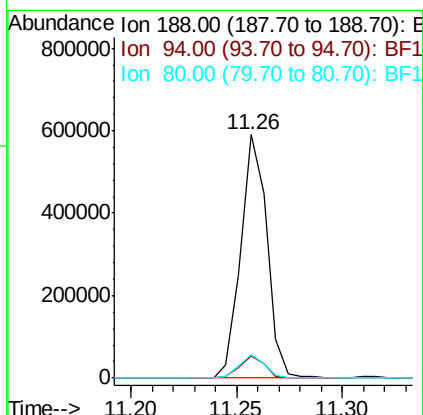
RT: 11.26 min Scan# 1559

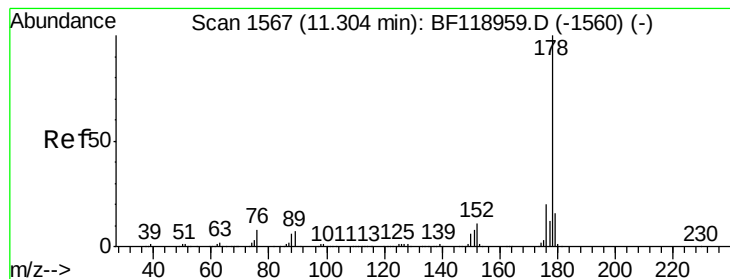
Delta R.T. -0.01 min

Lab File: BF119097.D

Acq: 26 Feb 2020 16:24

Tgt Ion:	188	Resp:	506233
Ion Ratio	Lower	Upper	
188	100		
94	8.9	7.1	10.7
80	9.7	7.8	11.8





#71

Phenanthrene

Concen: 11.952 ng

RT: 11.28 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BF119097.D

Acq: 26 Feb 2020 16:24

Instrument :

BNA_F

ClientSampleId :

COMP-FRONT-PARKING

Tot Ion:178 Resp: 329968

Ion Ratio Lower Upper

178 100

176 18.8 16.5 24.7

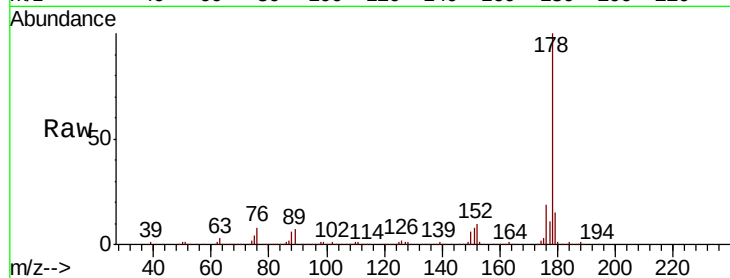
179 15.2 13.0 19.6

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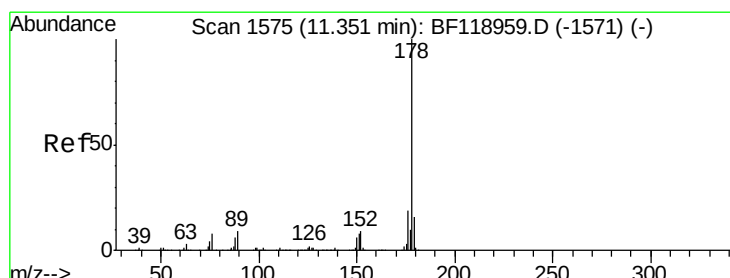
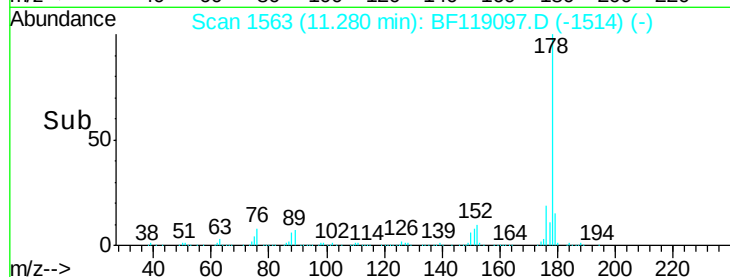
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

11.28

Time-->



#72

Anthracene

Concen: 3.017 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF119097.D

Acq: 26 Feb 2020 16:24

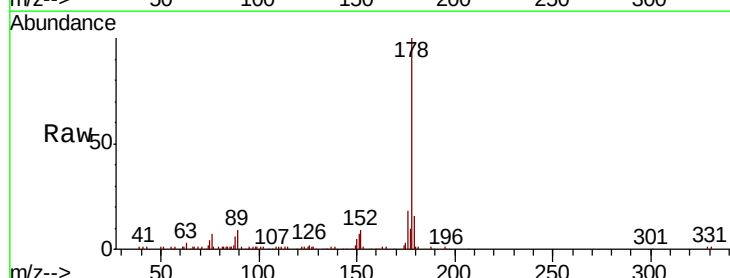
Tgt Ion:178 Resp: 83220

Ion Ratio Lower Upper

178 100

176 17.8 16.0 24.0

179 16.4 13.1 19.7



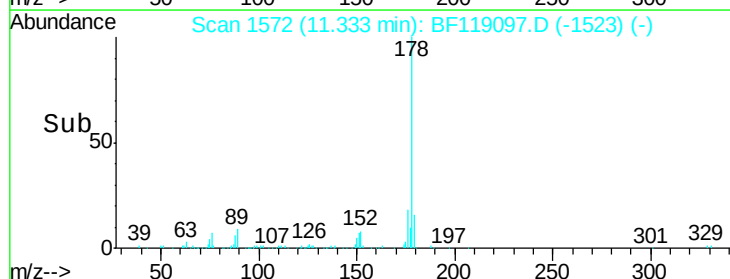
Abundance Ion 178.00 (177.70 to 178.70): E

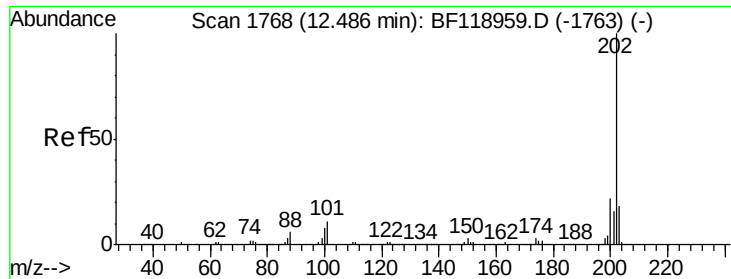
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

11.33

Time-->





#75

Fluoranthene

Concen: 19.194 ng

RT: 12.47 min Scan# 1765

Delta R.T. -0.01 min

Lab File: BF119097.D

Acq: 26 Feb 2020 16:24

Instrument :

BNA_F

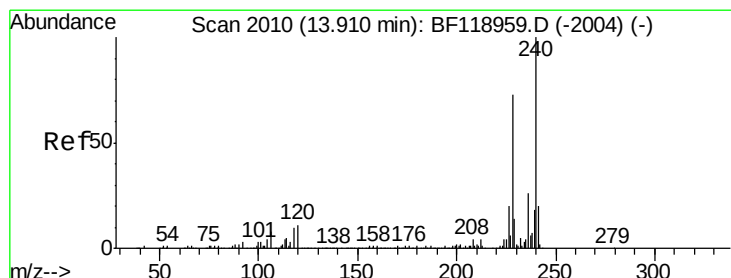
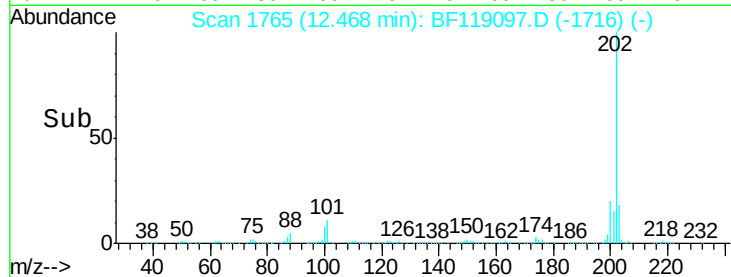
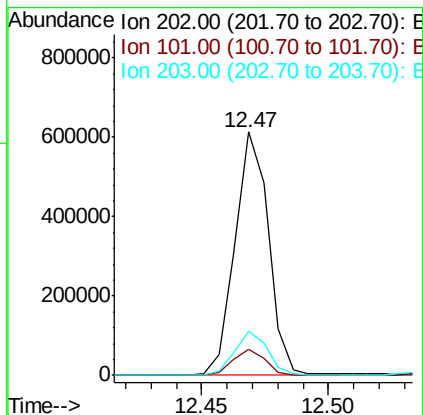
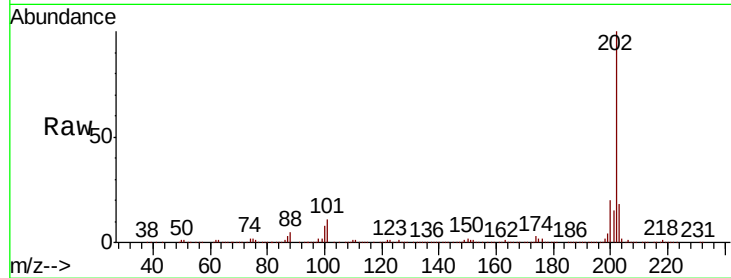
ClientSampleId :

COMP-FRONT-PARKING

Tot Ion	Ratio	Resp	Lower	Upper
202	100	562486		
101	10.9		0.0	30.3
203	18.1		0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

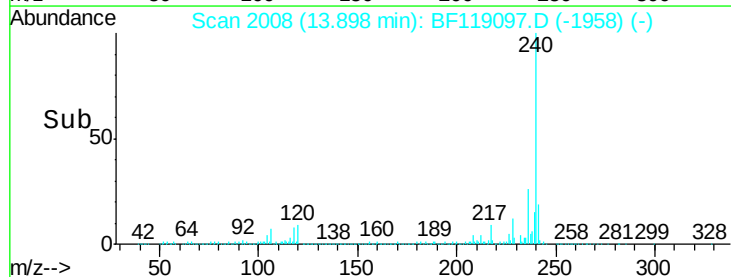
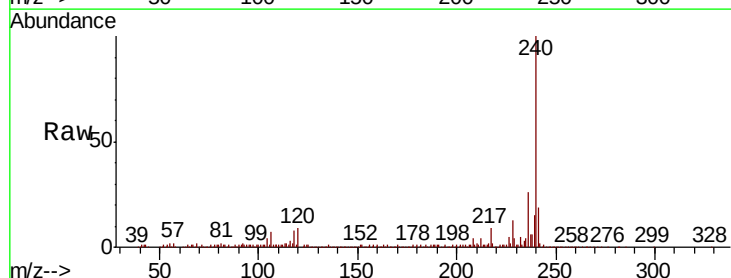
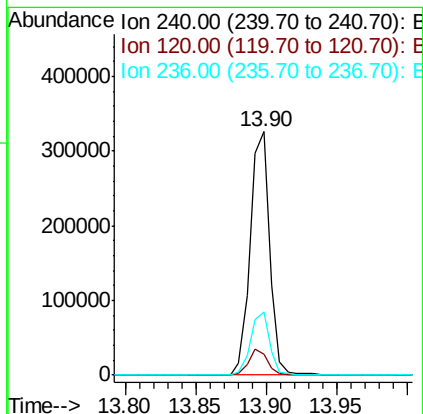
RT: 13.90 min Scan# 2008

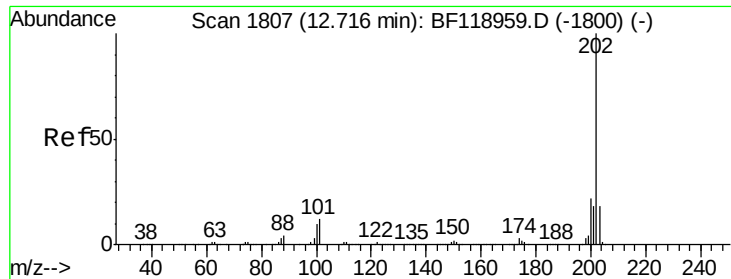
Delta R.T. -0.01 min

Lab File: BF119097.D

Acq: 26 Feb 2020 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	318086		
120	8.8		8.4	12.6
236	26.0		21.0	31.4





#78

Pvrene

Concen: 19.575 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF119097.D

Acq: 26 Feb 2020 16:24

Instrument :

BNA_F

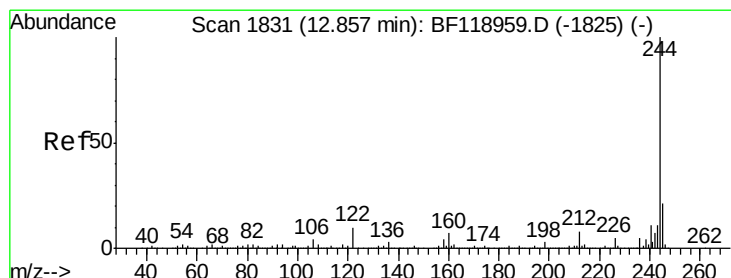
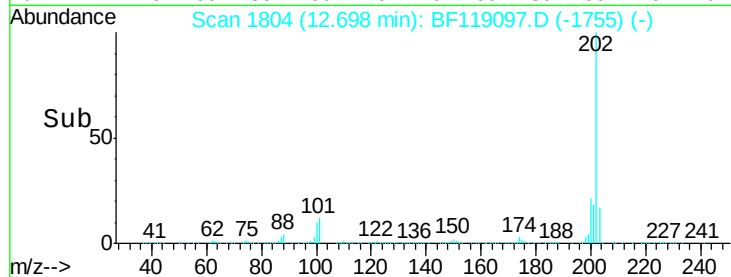
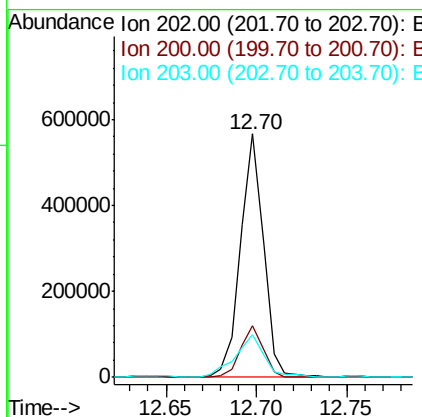
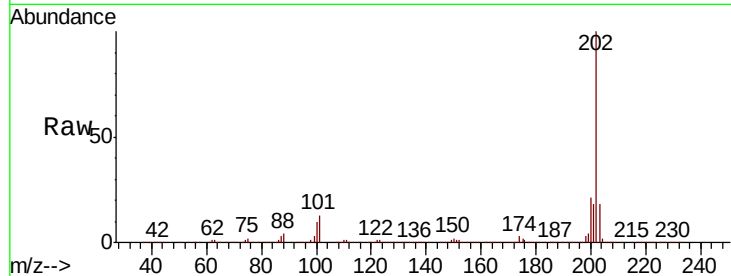
ClientSampleId :

COMP-FRONT-PARKING

Tot Ion:	202	Resp:	499986
Ion Ratio	Lower	Upper	
202	100		
200	21.5	18.0	27.0
203	17.6	14.6	22.0

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#79

Terphenyl-d14

Concen: 68.494 ng

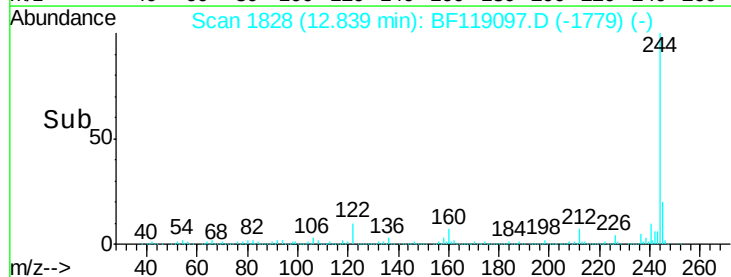
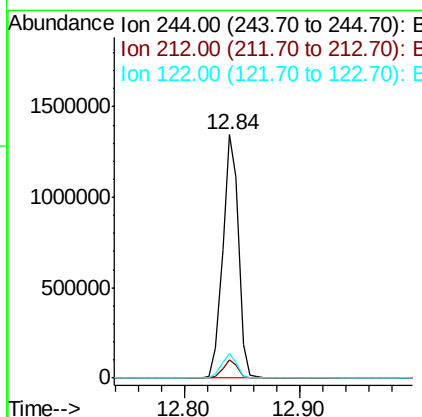
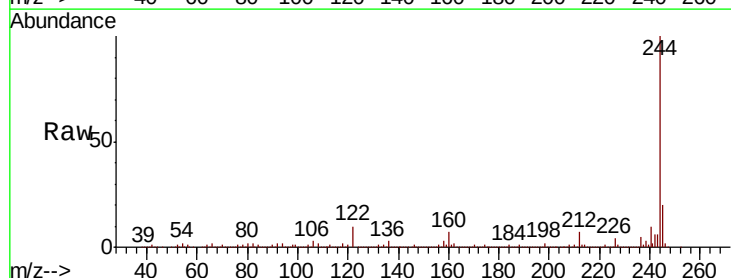
RT: 12.84 min Scan# 1828

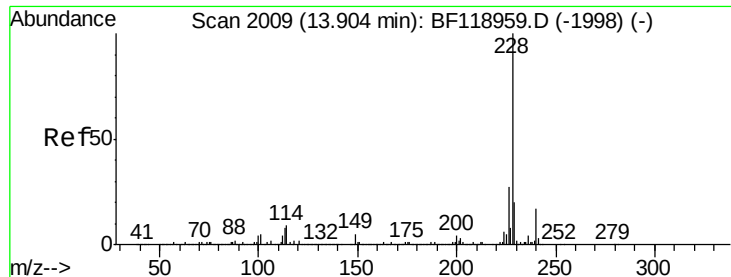
Delta R.T. -0.01 min

Lab File: BF119097.D

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Tgt Ion:	244	Resp:	1265454
Ion Ratio	Lower	Upper	
244	100		
212	7.3	6.6	10.0
122	10.3	8.2	12.2





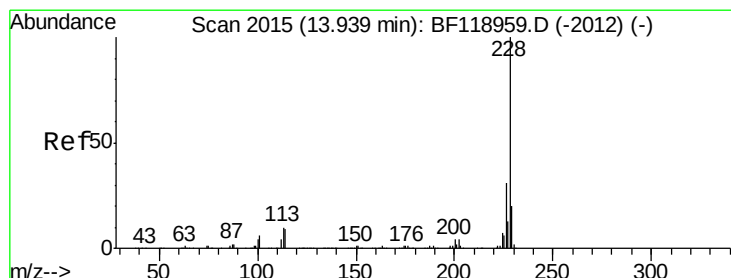
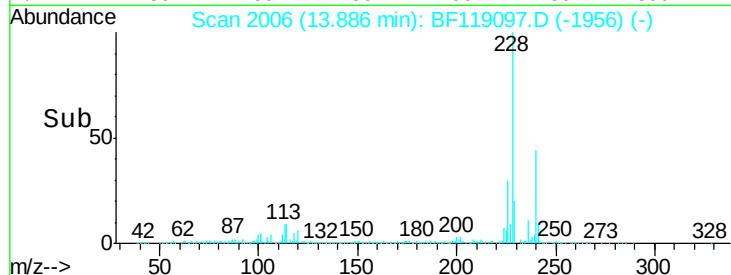
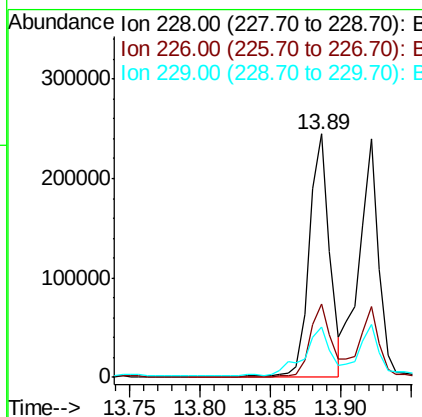
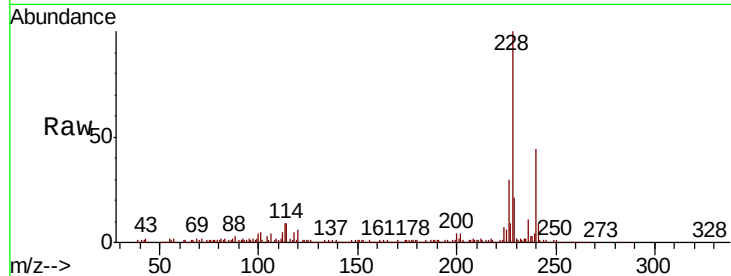
#81
Benzo(a)anthracene
Concen: 11.101 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF119097.D
Acq: 26 Feb 2020 16:24

Instrument :
BNA_F
ClientSampleId :
COMP-FRONT-PARKING

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.6	33.8
229	20.7	16.6	24.8

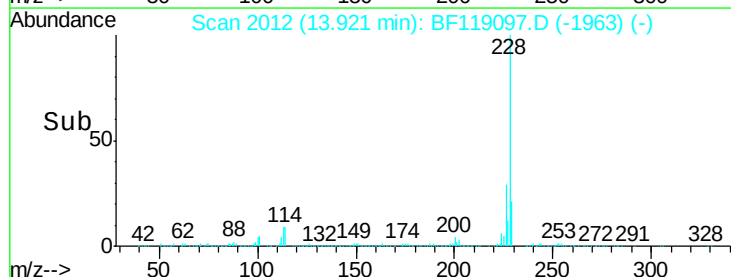
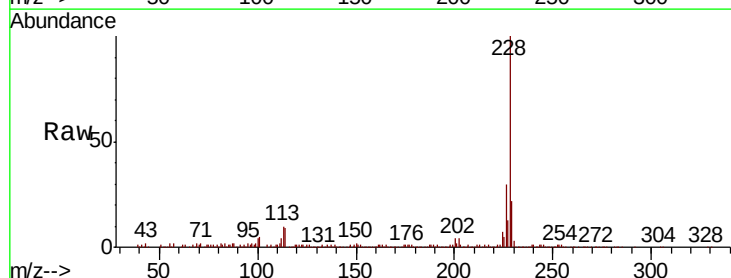
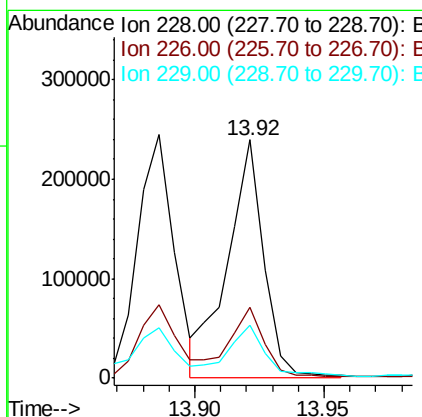
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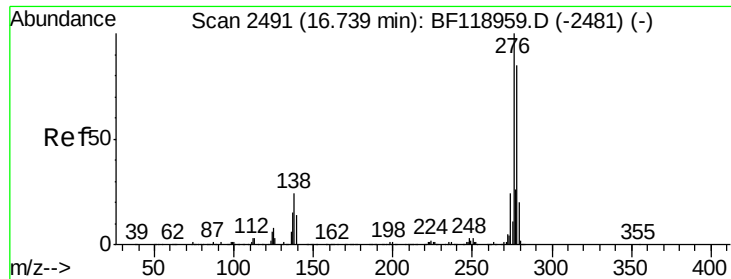
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#83
Chrysene
Concen: 10.838 ng m
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF119097.D
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Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.1	37.7
229	22.2	16.3	24.5





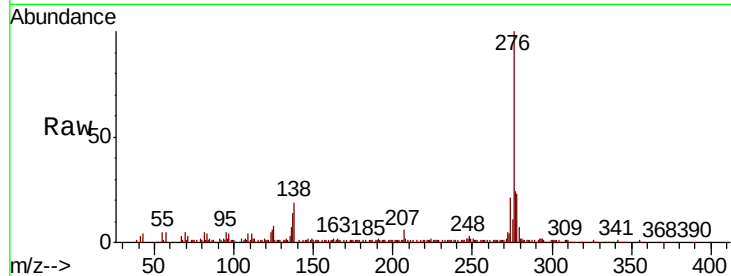
#86
Indeno(1,2,3-cd)pyrene
Concen: 8.877 ng
RT: 16.72 min Scan# 2488
Delta R.T. -0.02 min
Lab File: BF119097.D
Acq: 26 Feb 2020 16:24

Instrument :
BNA_F
ClientSampleId :
COMP-FRONT-PARKING

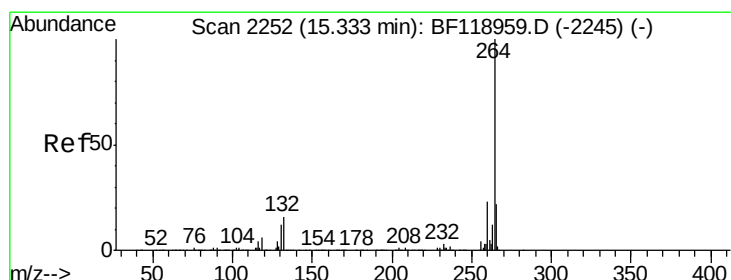
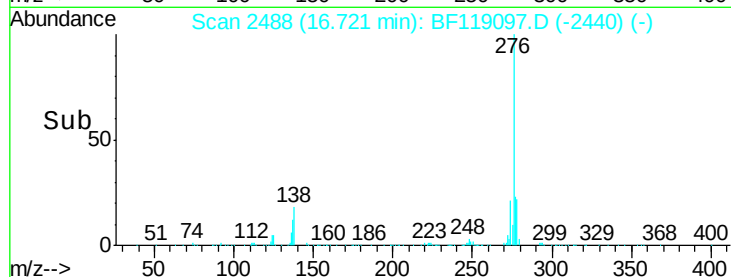
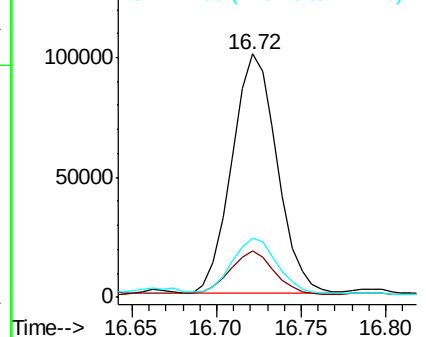
Tot Ion	Ratio	Lower	Upper
276	100		
138	18.5	17.4	26.0
277	24.5	20.3	30.5

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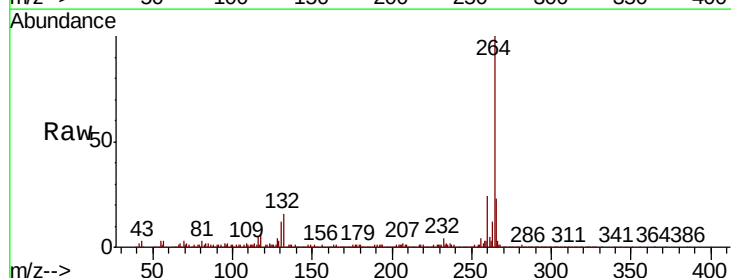


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

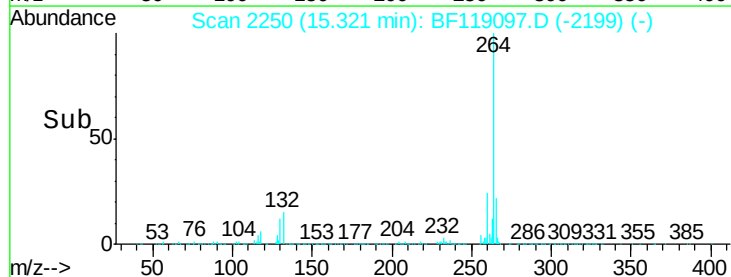
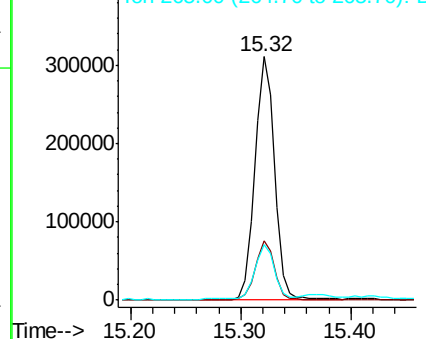


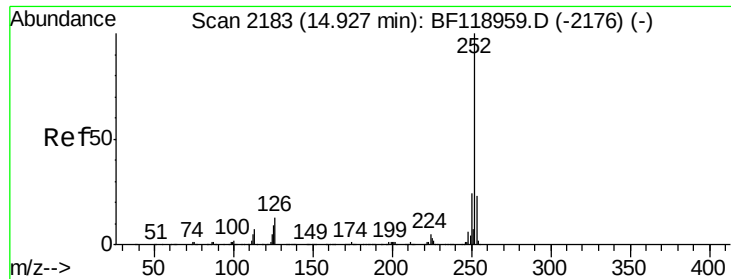
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.00 min
Lab File: BF119097.D
Acq: 26 Feb 2020 16:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	22.5	17.7	26.5



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





#88

Benzo(b)fluoranthene

Concen: 13.740 ng m

RT: 14.92 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BF119097.D

Acq: 26 Feb 2020 16:24

Instrument :

BNA_F

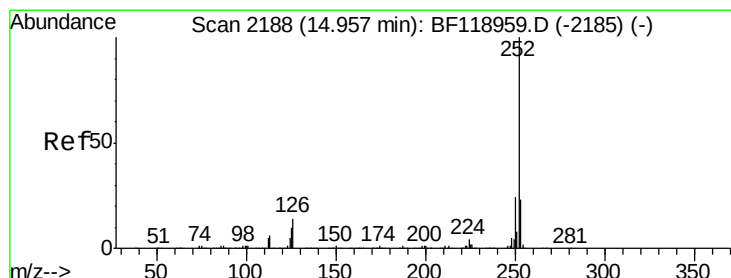
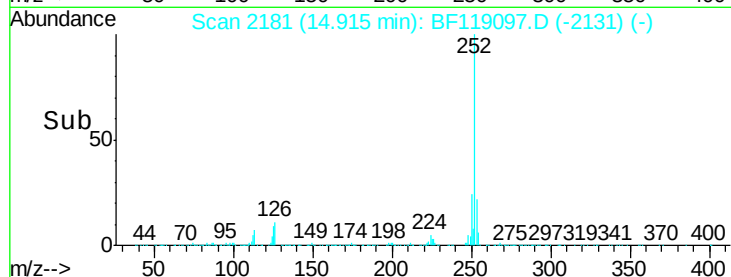
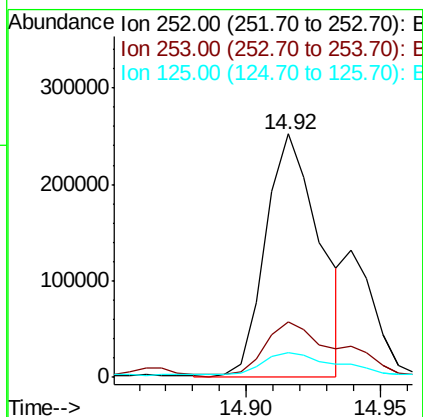
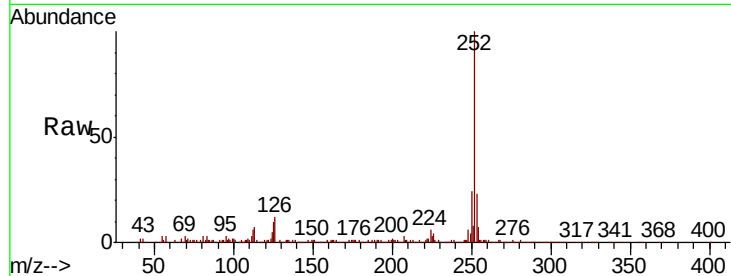
ClientSampleId :

COMP-FRONT-PARKING

Tot Ion:	252	Resp:	352880
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.1	27.1
125	10.4	7.4	11.0

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#89

Benzo(k)fluoranthene

Concen: 4.540 ng m

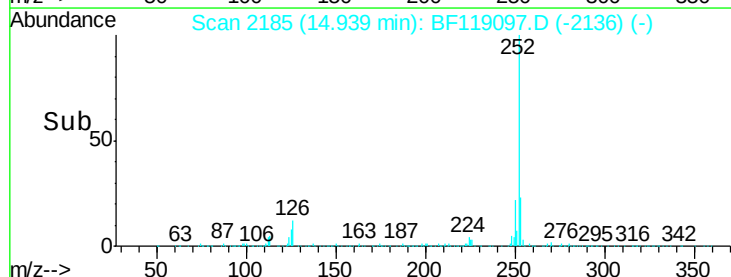
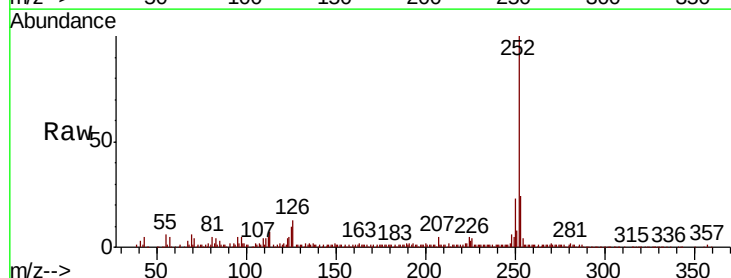
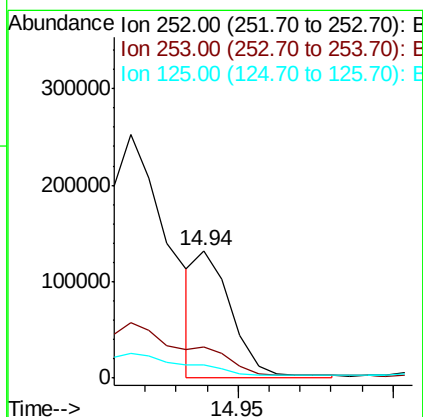
RT: 14.94 min Scan# 2185

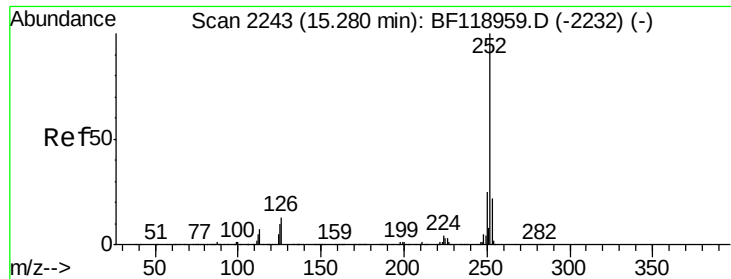
Delta R.T. -0.01 min

Lab File: BF119097.D

Acq: 26 Feb 2020 16:24

Tgt Ion:	252	Resp:	108063
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.8	26.8
125	10.1	7.5	11.3





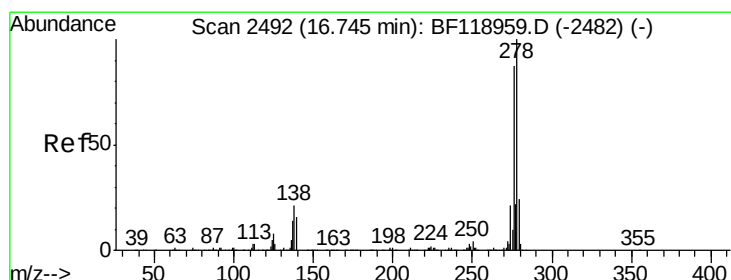
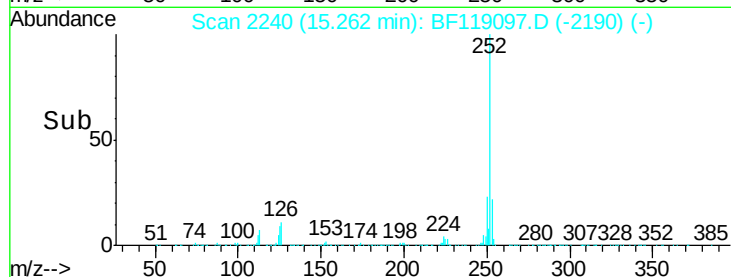
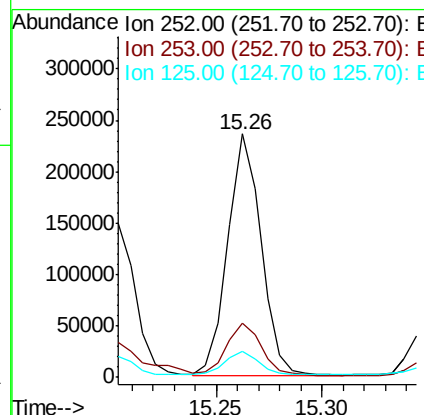
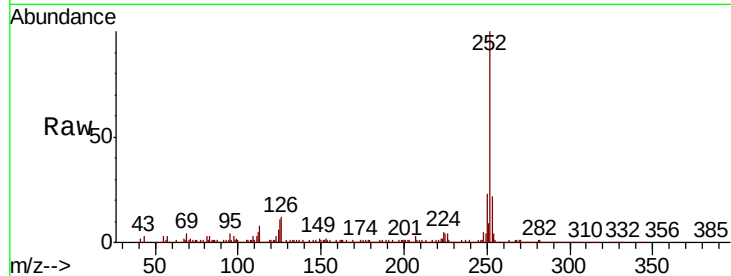
#90
Benzo(a)pyrene
Concen: 11.122 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF119097.D
Acq: 26 Feb 2020 16:24

Instrument :
BNA_F
ClientSampleId :
COMP-FRONT-PARKING

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	10.5	8.6	12.8

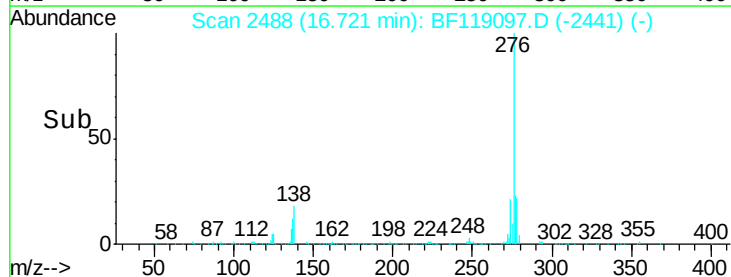
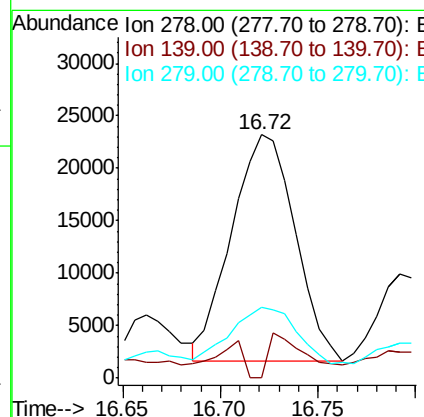
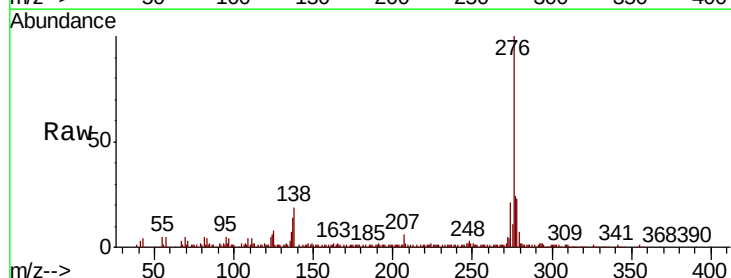
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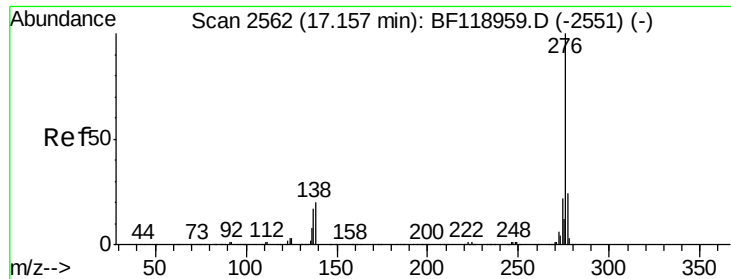
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#91
Dibenzo(a,h)anthracene
Concen: 2.374 ng
RT: 16.72 min Scan# 2488
Delta R.T. -0.02 min
Lab File: BF119097.D
Acq: 26 Feb 2020 16:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.0	16.4#
279	29.3	18.6	28.0#





#92
 Benzo(a,h,i)perylene
 Concen: 8.877 ng
 RT: 17.14 min Scan# 2560
 Delta R.T. -0.01 min
 Lab File: BF119097.D
 Acq: 26 Feb 2020 16:24

Instrument :
 BNA_F
 ClientSampleId :
 COMP-FRONT-PARKING

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.7	28.1
138	18.7	14.3	21.5

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