

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
 Data File : BF119105.D
 Acq On : 27 Feb 2020 11:29
 Operator : CG/JU
 Sample : L1675-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-FRONT-PARKING

Manual Integrations
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Quant Time: Feb 28 03:29:01 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	164736	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	619664	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	318896	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	499016	20.00	ng	0.00
76) Chrysene-d12	13.90	240	355190	20.00	ng	0.00
87) Perylene-d12	15.33	264	406904	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1019477	103.42	ng	0.00
7) Phenol-d6	6.39	99	1228416	102.47	ng	-0.01
23) Nitrobenzene-d5	7.31	82	810965	69.10	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	371041	88.94	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1513759	69.93	ng	0.00
79) Terphenyl-d14	12.84	244	1317491	63.86	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	106396	4.363	ng	99
71) Phenanthrene	11.29	178	320924	11.793	ng	98
72) Anthracene	11.33	178	85965	3.161	ng	97
75) Fluoranthene	12.47	202	583932	20.215	ng	99
78) Pyrene	12.70	202	534573	18.743	ng	97
81) Benzo(a)anthracene	13.89	228	283471	11.713	ng	98
83) Chrysene	13.93	228	260001	10.782	ng	96
86) Indeno(1,2,3-cd)pyrene	16.73	276	156765	6.714	ng	95
88) Benzo(b)fluoranthene	14.92	252	388561m	14.487	ng	
89) Benzo(k)fluoranthene	14.94	252	105105m	4.229	ng	
90) Benzo(a)pyrene	15.27	252	272088	11.240	ng	99
92) Benzo(a,h,i)perylene	17.16	276	149220	7.091	ng	99

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

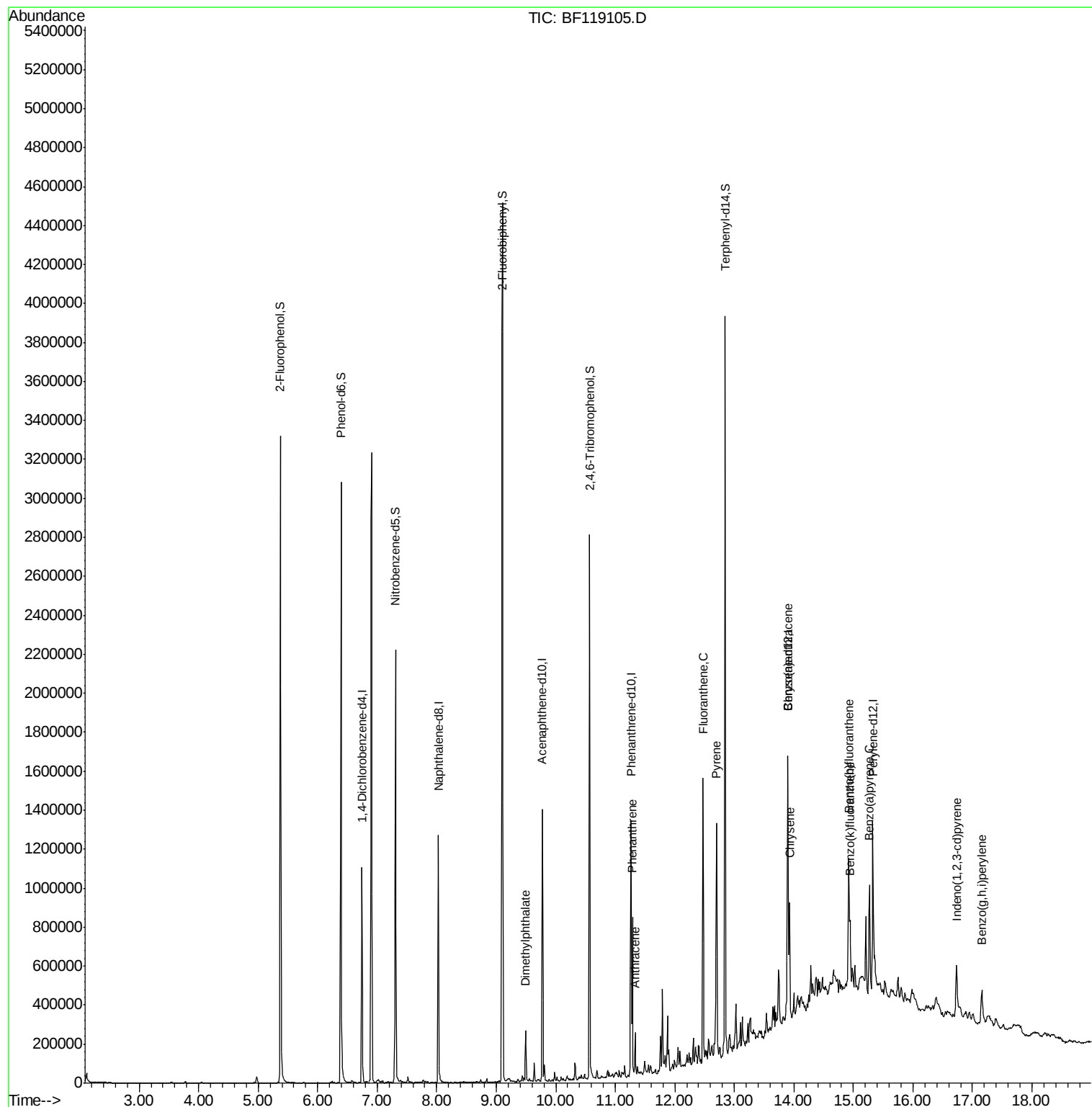
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
Data File : BF119105.D
Acq On : 27 Feb 2020 11:29
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#1

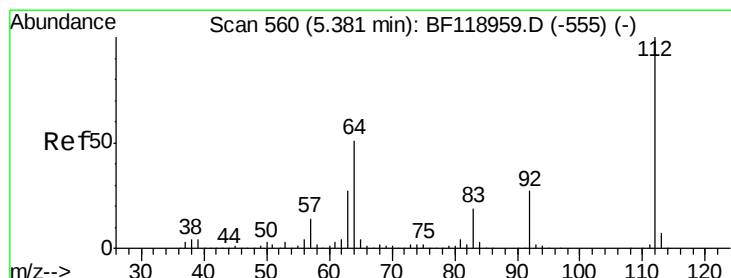
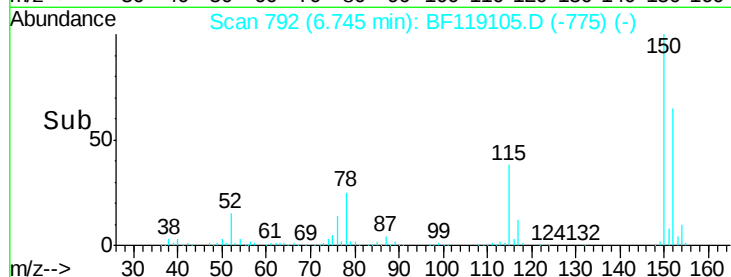
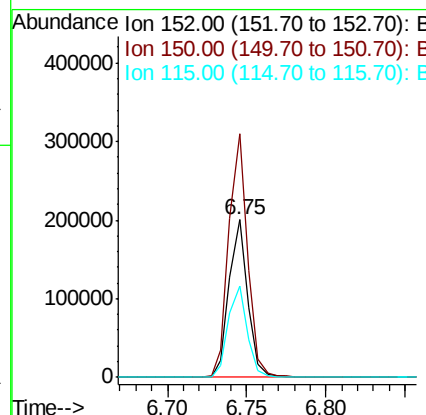
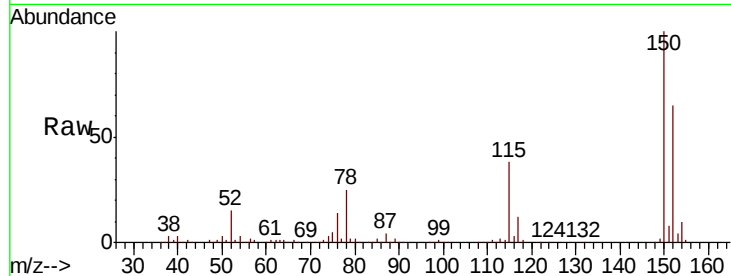
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF119105.D
Acq: 27 Feb 2020 11:29

Instrument :
BNA_F
ClientSampleId :
COMP-FRONT-PARKING

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	123.0	184.6
115	58.0	49.5	74.3

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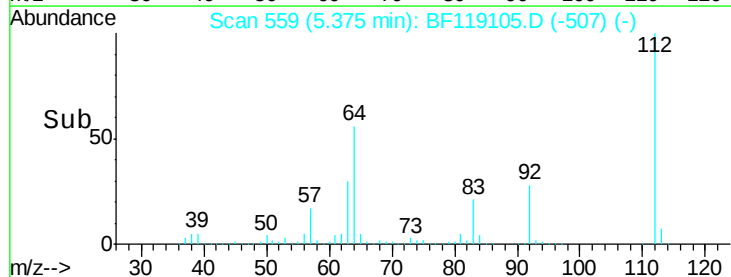
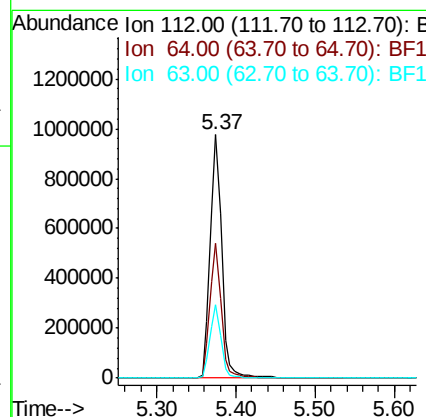
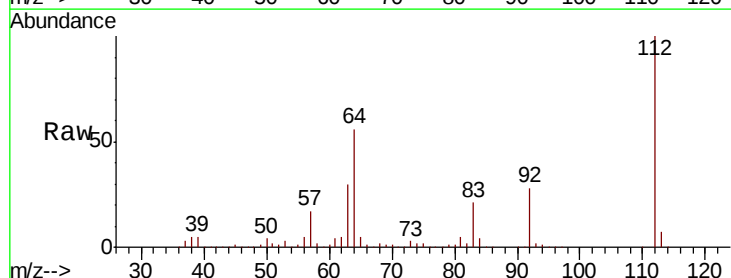
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#5

2-Fluorophenol
Concen: 103.422 ng
RT: 5.37 min Scan# 559
Delta R.T. 0.01 min
Lab File: BF119105.D
Acq: 27 Feb 2020 11:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	45.0	67.4
63	30.0	24.2	36.4





#7

Phenol-d6

Concen: 102.466 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119105.D

Acq: 27 Feb 2020 11:29

Instrument :

BNA_F

ClientSampleId :

COMP-FRONT-PARKING

Tot Ion: 99 Resp: 1228416

Ion Ratio Lower Upper

99 100

42 15.6 12.6 18.8

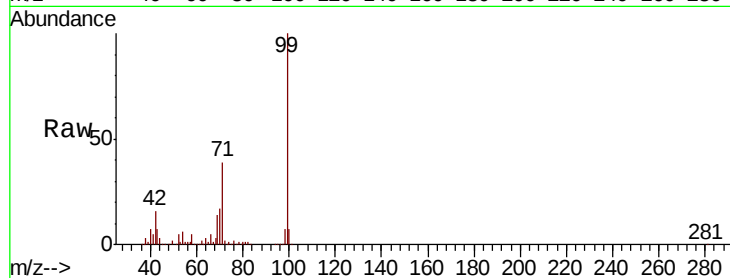
71 39.1 31.0 46.4

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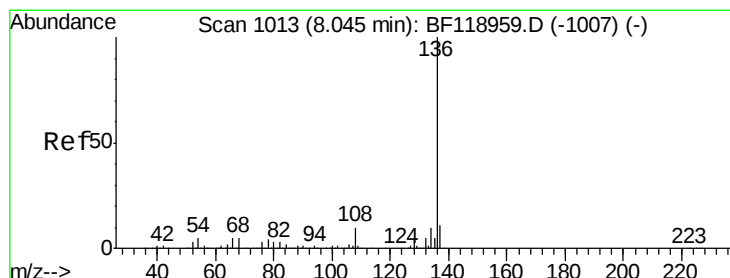
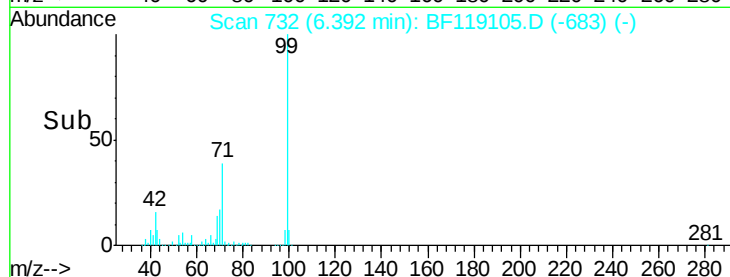
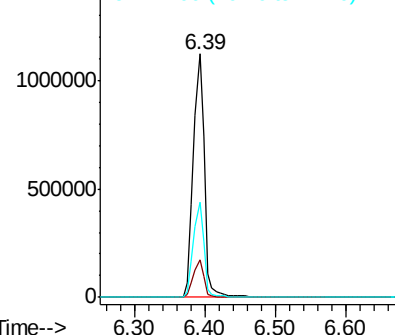


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF119105.D

Acq: 27 Feb 2020 11:29

Tgt Ion: 136 Resp: 619664

Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 4.7 3.8 5.6

68 5.0 3.9 5.9

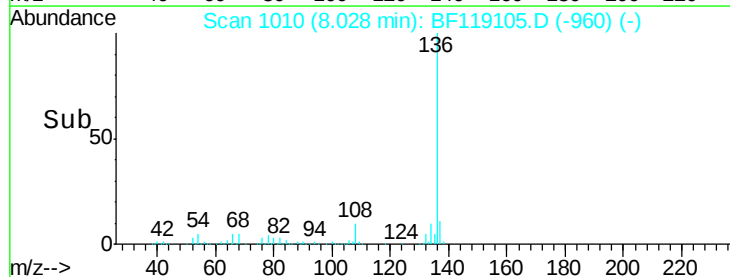
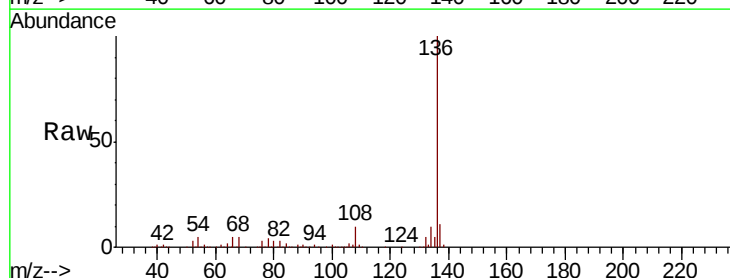
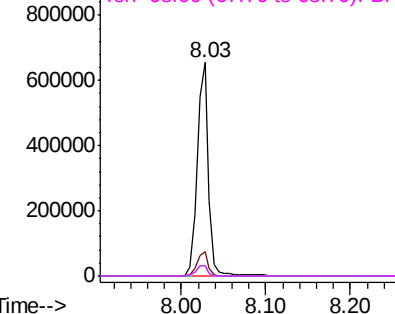
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





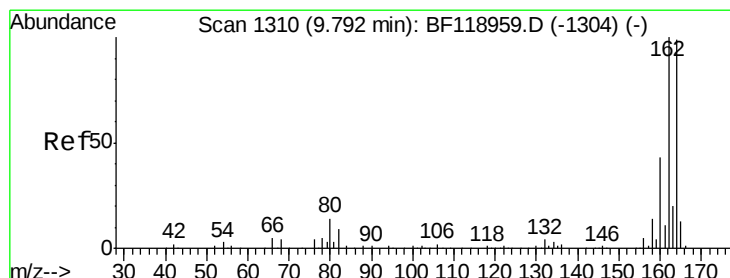
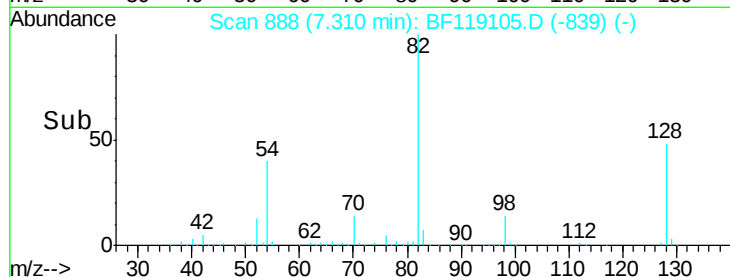
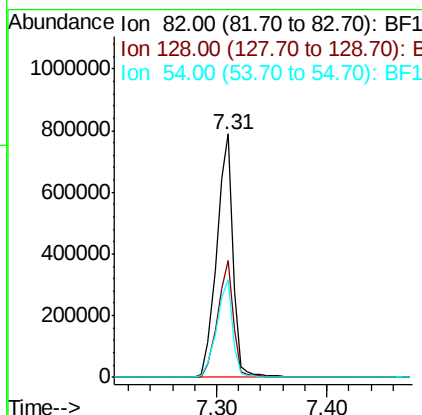
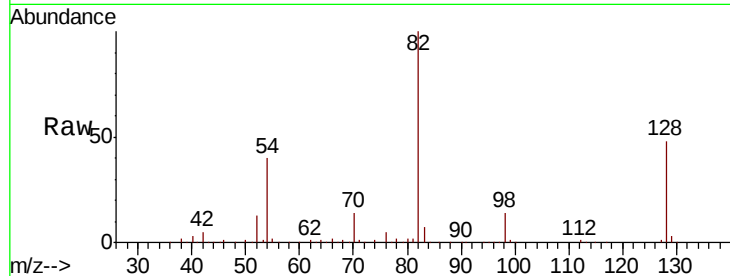
#23
Nitrobenzene-d5
Concen: 69.100 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF119105.D
Acq: 27 Feb 2020 11:29

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
82	100		
128	47.9	37.9	56.9
54	39.9	33.4	50.2

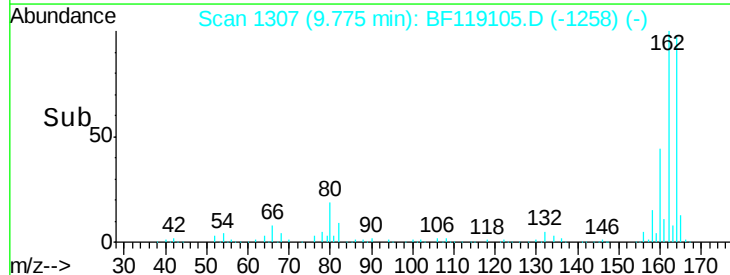
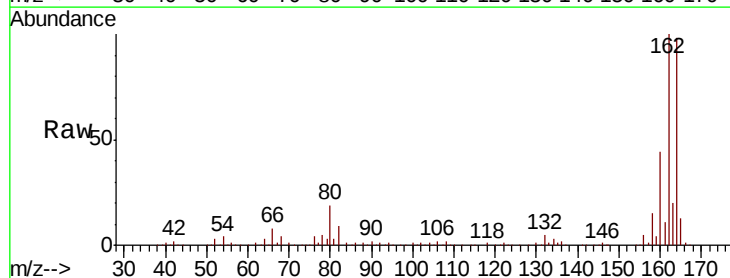
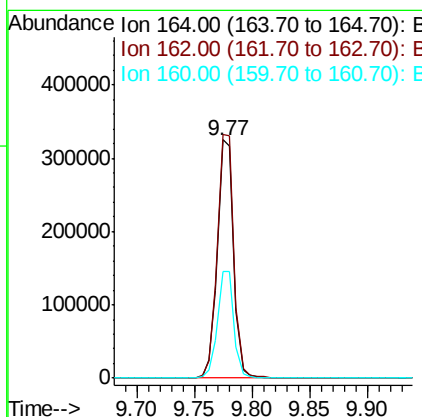
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF119105.D
Acq: 27 Feb 2020 11:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.8	122.8
160	44.8	36.0	54.0





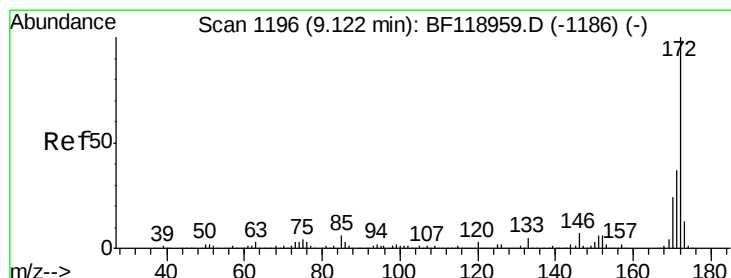
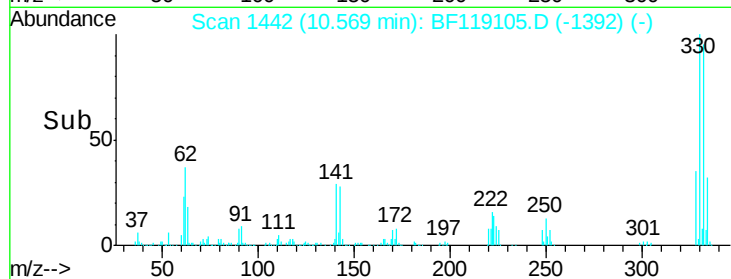
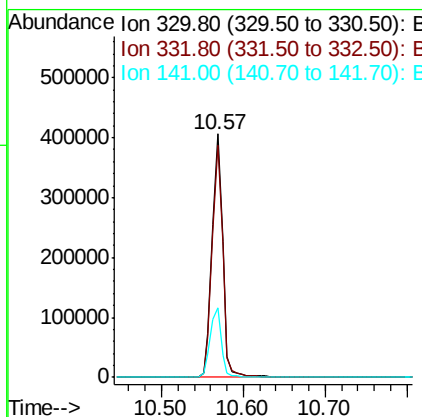
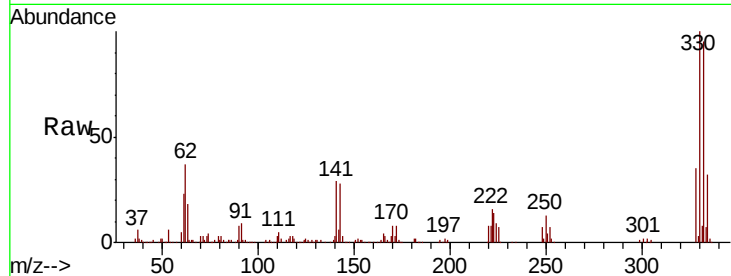
#42
 2,4,6-Tribromophenol
 Concen: 88.942 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119105.D
 Acq: 27 Feb 2020 11:29

Instrument :
 BNA_F
 ClientSampleId :
 COMP-FRONT-PARKING

Tot Ion	Ratio	Resp	Lower	Upper
330	100	371041		
332	95.3	76.0	114.0	
141	29.5	22.9	34.3	

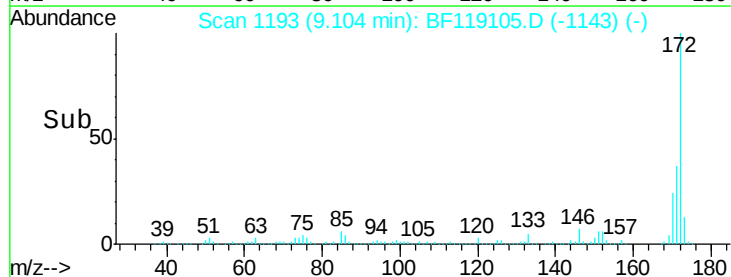
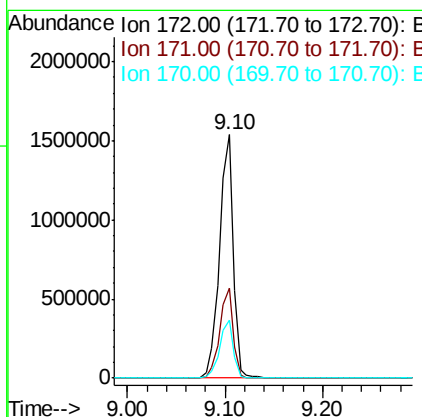
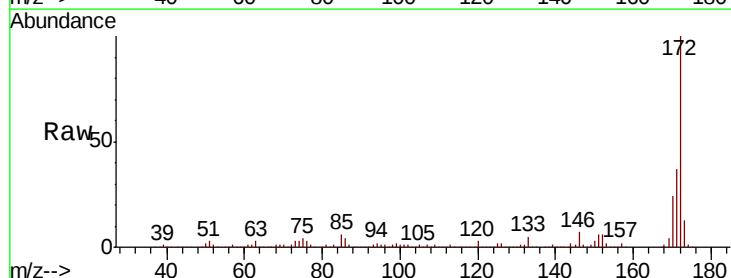
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#45
 2-Fluorobiphenyl
 Concen: 69.930 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF119105.D
 Acq: 27 Feb 2020 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1513759		
171	37.1	30.6	45.8	
170	24.1	20.2	30.2	





#50

Dimethylphthalate

Concen: 4.363 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF119105.D

Acq: 27 Feb 2020 11:29

Instrument :

BNA_F

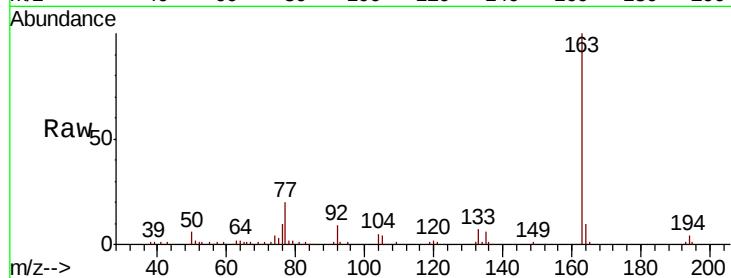
ClientSampleId :

COMP-FRONT-PARKING

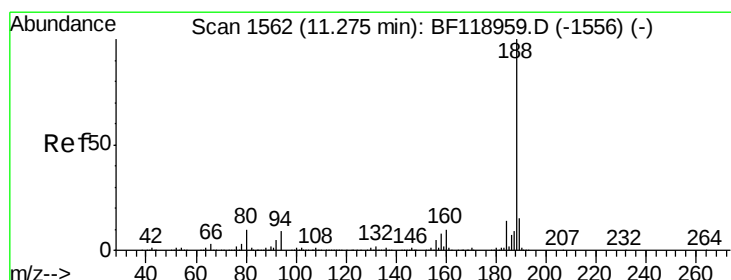
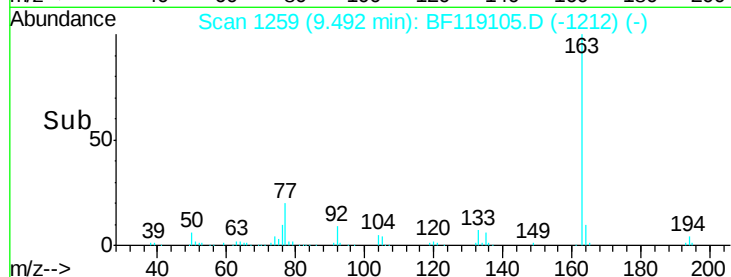
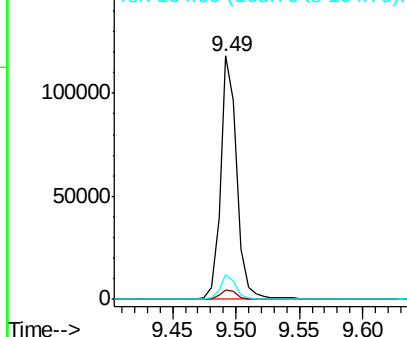
Tot Ion:	163	Resp:	106396
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.5	5.3
164	10.4	8.4	12.6

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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

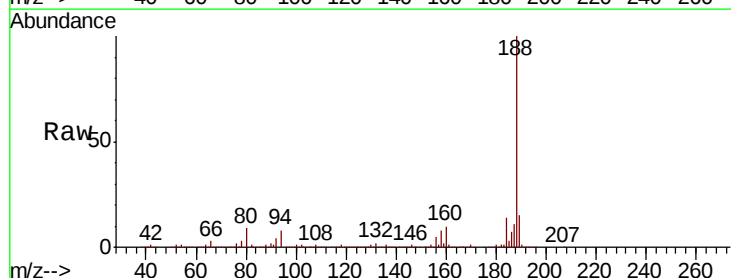
RT: 11.26 min Scan# 1560

Delta R.T. -0.00 min

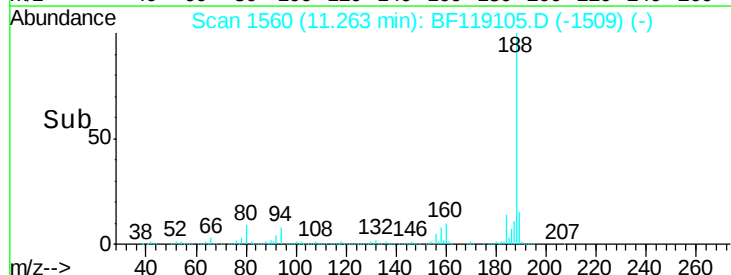
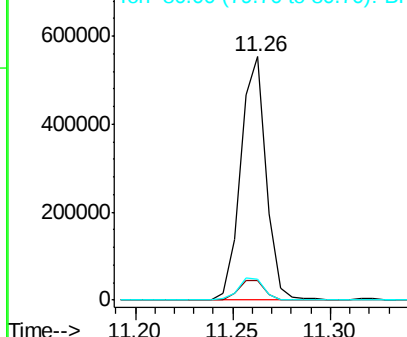
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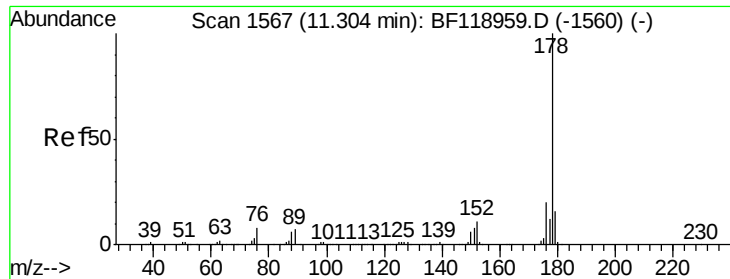
Acq: 27 Feb 2020 11:29

Tgt Ion:	188	Resp:	499016
Ion Ratio	Lower	Upper	
188	100		
94	7.9	7.1	10.7
80	8.8	7.8	11.8



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





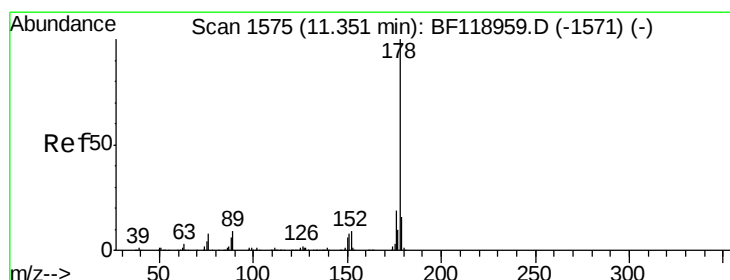
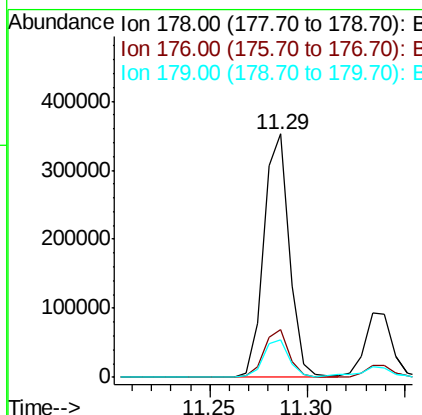
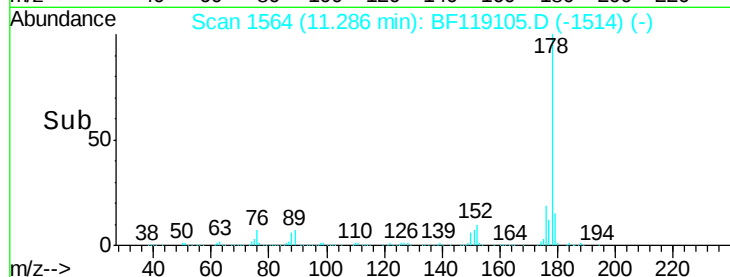
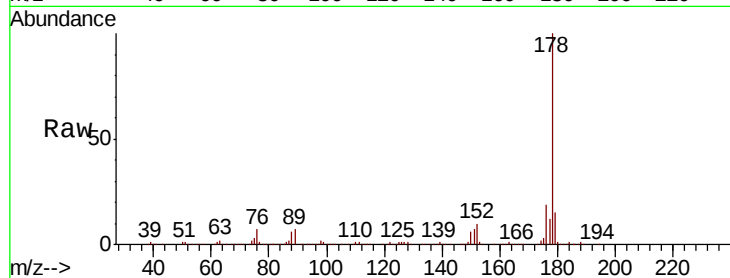
#71
Phenanthrene
Concen: 11.793 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF119105.D
Acq: 27 Feb 2020 11:29

Instrument :
BNA_F
ClientSampleId :
COMP-FRONT-PARKING

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.5	24.7
179	15.4	13.0	19.6

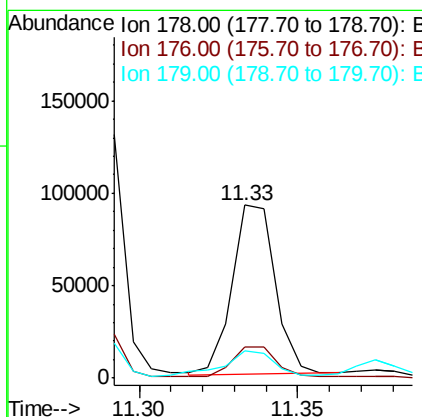
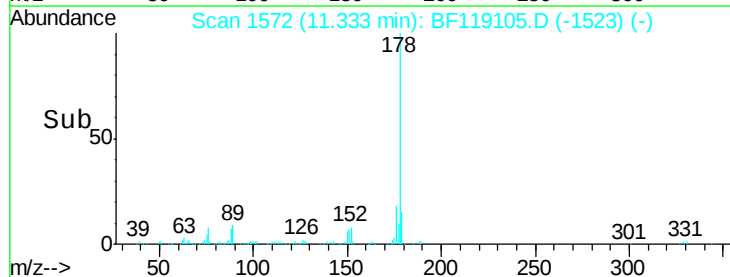
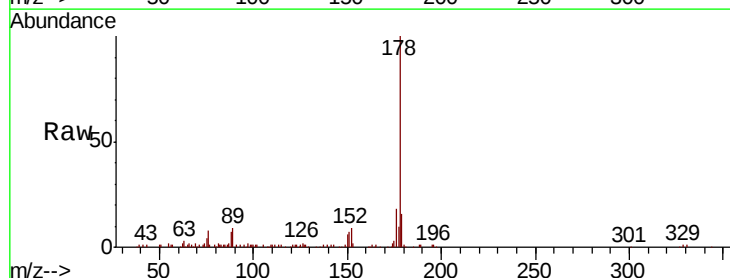
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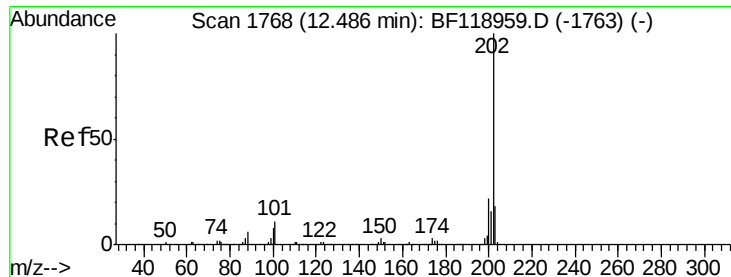
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#72
Anthracene
Concen: 3.161 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF119105.D
Acq: 27 Feb 2020 11:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	16.0	24.0
179	15.9	13.1	19.7





#75

Fluoranthene

Concen: 20.215 ng

RT: 12.47 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BF119105.D

Acq: 27 Feb 2020 11:29

Instrument :

BNA_F

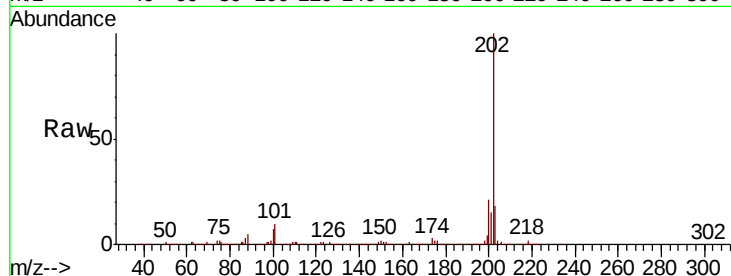
ClientSampleId :

COMP-FRONT-PARKING

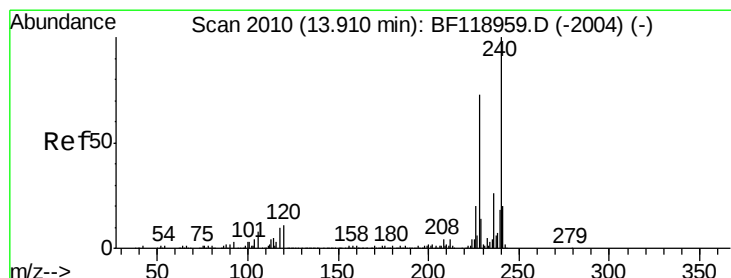
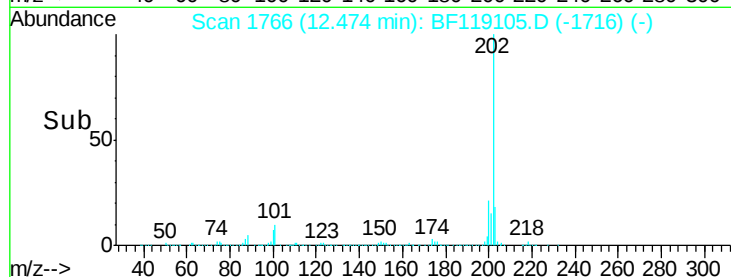
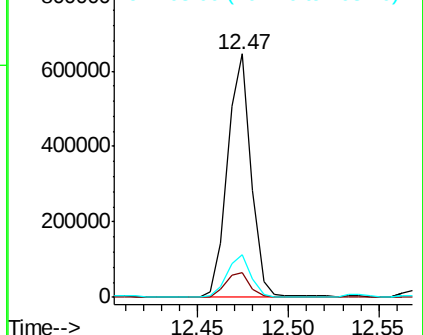
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		583932		
101	10.2	0.0	30.3		
203	17.7	0.0	38.4		

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



#76

Chrysene-d12

Concen: 20.000 ng

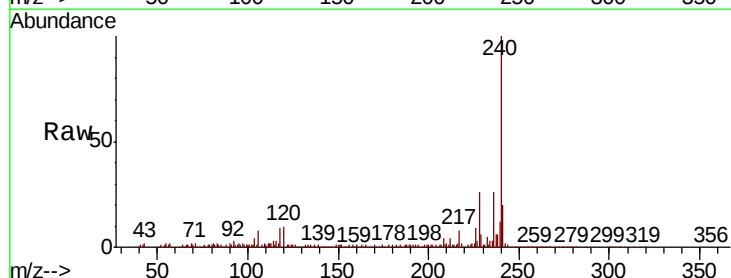
RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

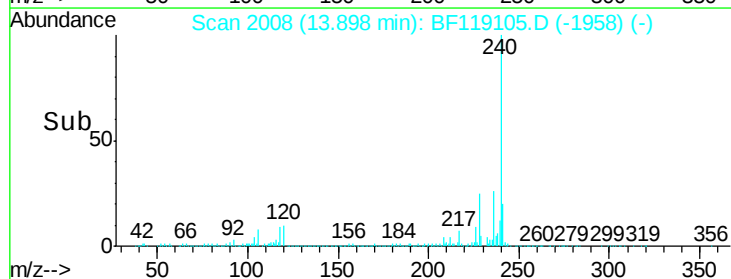
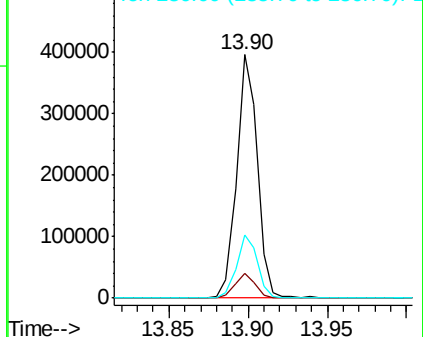
Lab File: BF119105.D

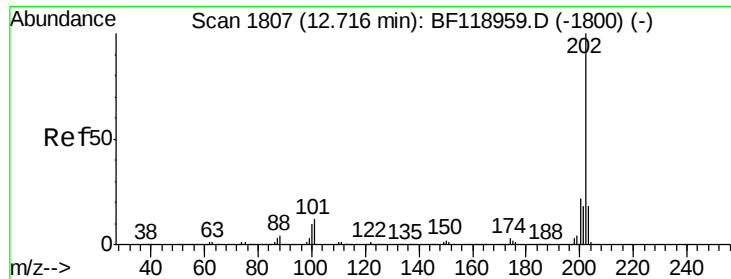
Acq: 27 Feb 2020 11:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		355190		
120	10.3	8.4	12.6		
236	25.9	21.0	31.4		



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





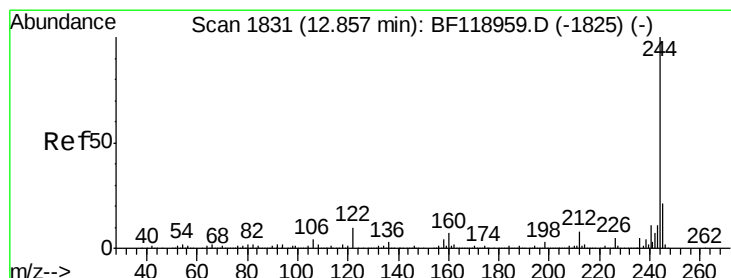
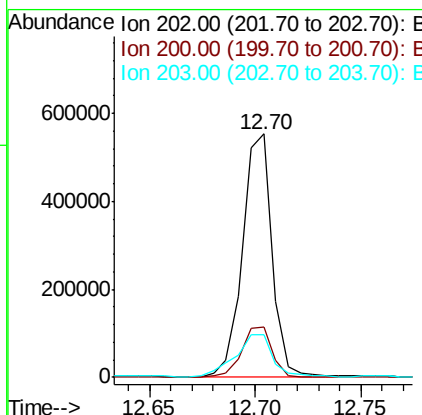
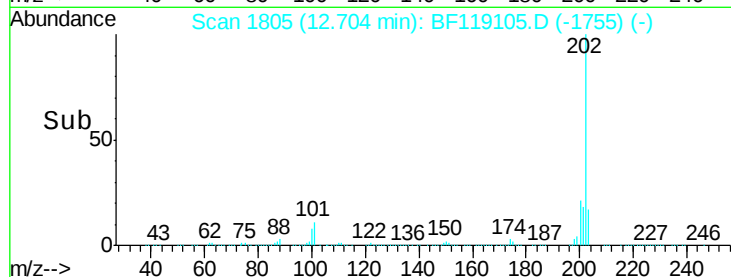
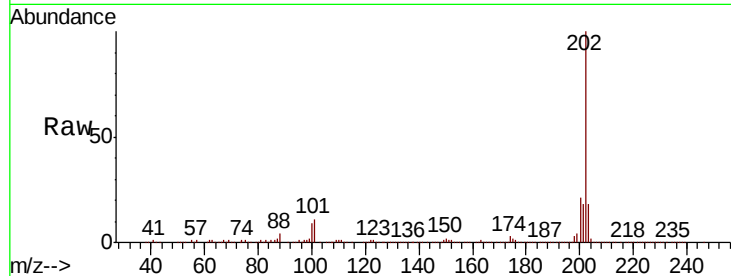
#78
Pvrene
Concen: 18.743 ng
RT: 12.70 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BF119105.D
Acq: 27 Feb 2020 11:29

Instrument :
BNA_F
ClientSampleId :
COMP-FRONT-PARKING

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.7	18.0	27.0
203	17.5	14.6	22.0

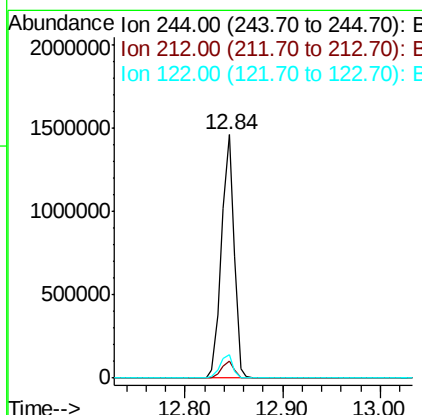
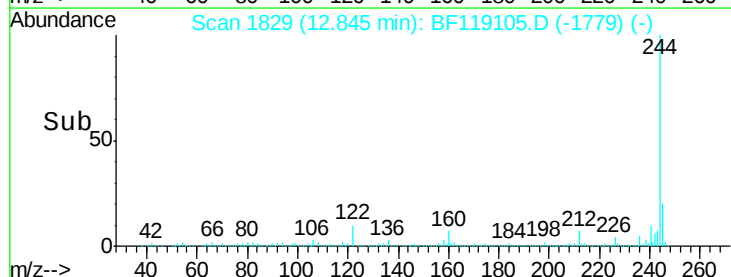
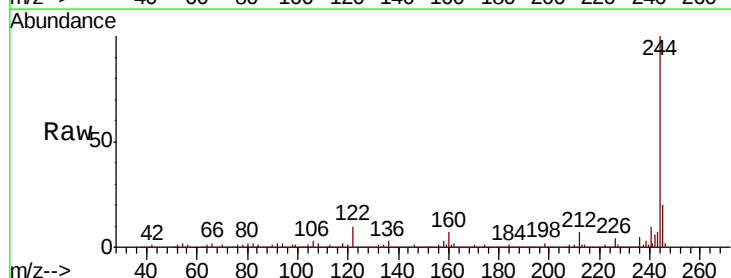
Manual Integrations
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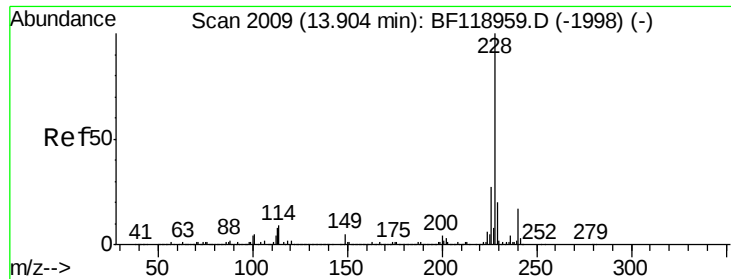
mohammad
2/28/2020 2:41:32 PM



#79
Terphenyl-d14
Concen: 63.861 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF119105.D
Acq: 27 Feb 2020 11:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.6	10.0
122	9.7	8.2	12.2





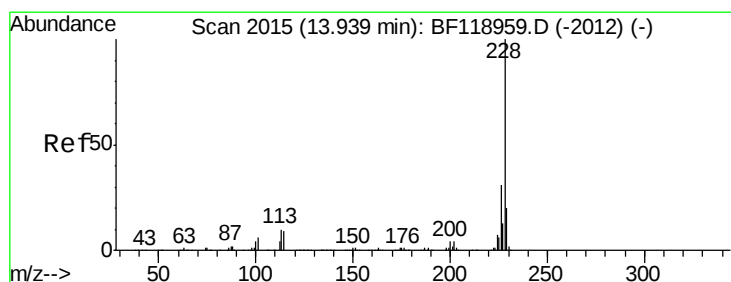
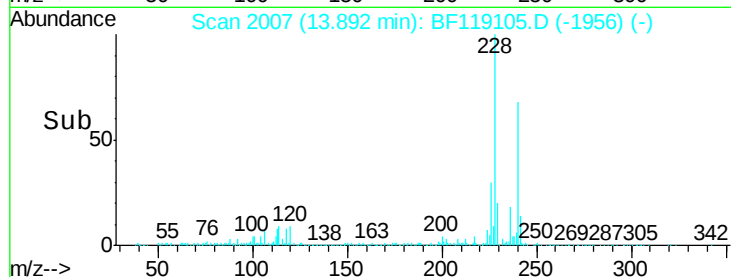
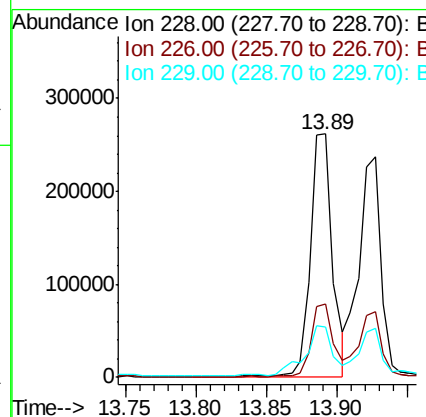
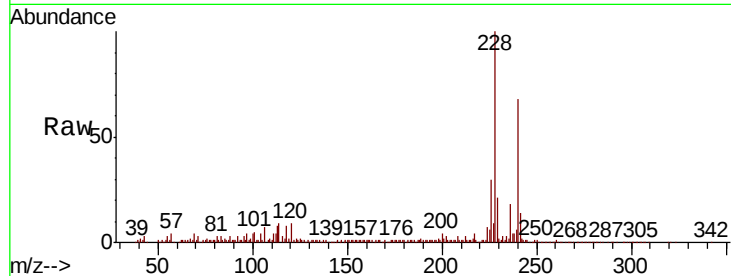
#81
Benzo(a)anthracene
Concen: 11.713 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BF119105.D
Acq: 27 Feb 2020 11:29

Instrument :
BNA_F
ClientSampleId :
COMP-FRONT-PARKING

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.6	33.8
229	20.5	16.6	24.8

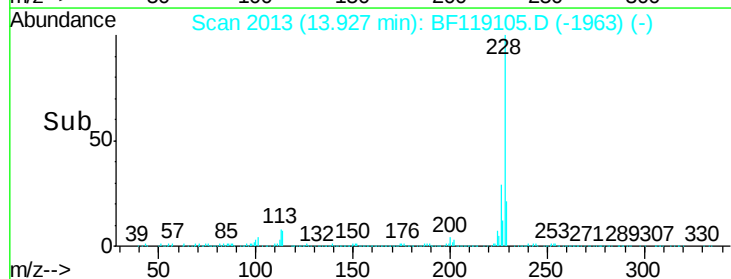
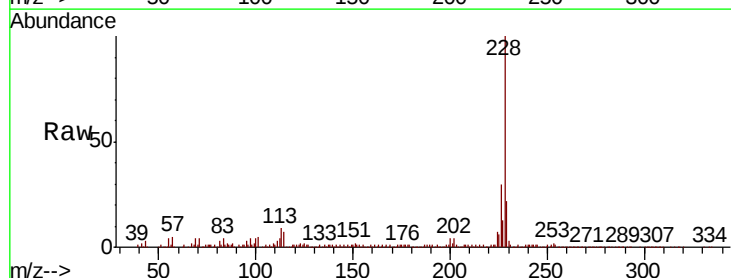
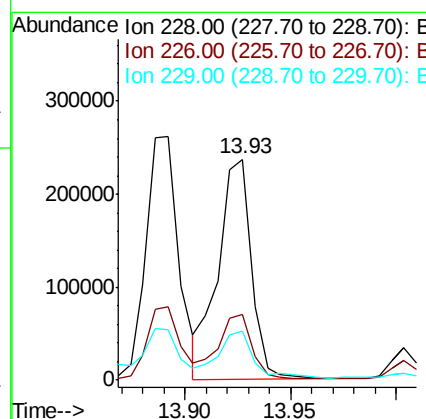
Manual Integrations
APPROVED

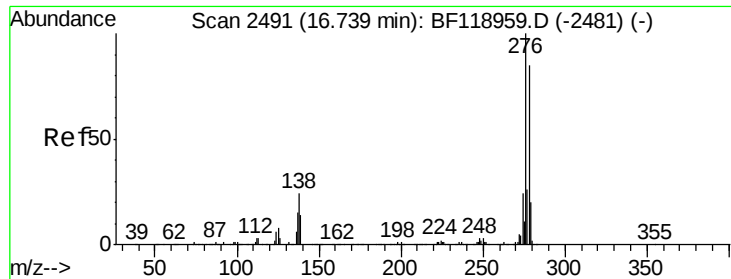
mohammad
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#83
Chrysene
Concen: 10.782 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF119105.D
Acq: 27 Feb 2020 11:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.1	37.7
229	22.1	16.3	24.5





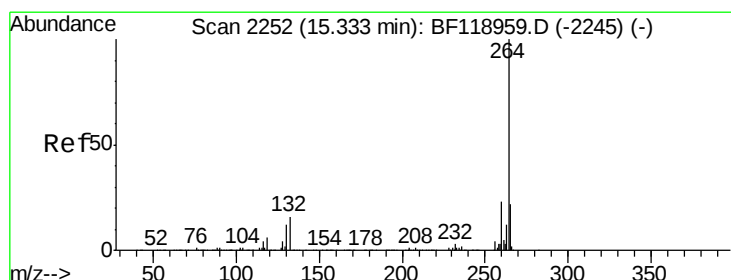
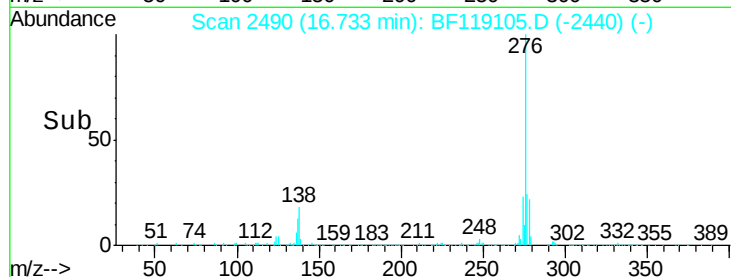
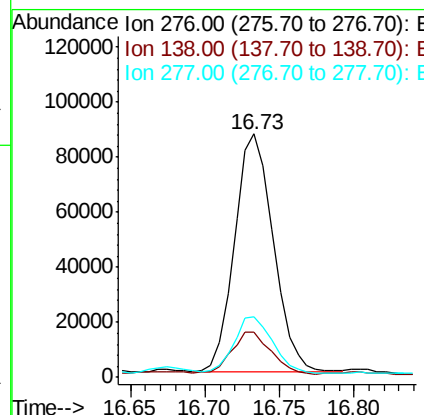
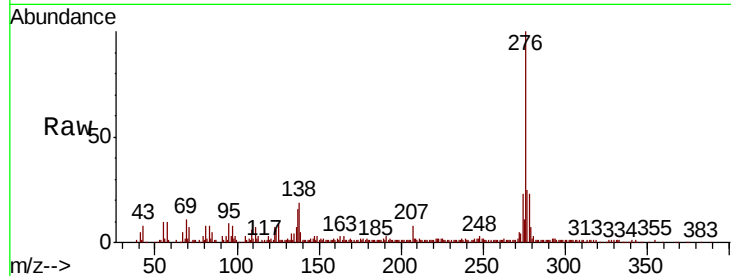
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 6.714 ng
 RT: 16.73 min Scan# 2490
 Delta R.T. -0.01 min
 Lab File: BF119105.D
 Acq: 27 Feb 2020 11:29

Instrument :
 BNA_F
 ClientSampleId :
 COMP-FRONT-PARKING

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.2	17.4	26.0
277	24.0	20.3	30.5

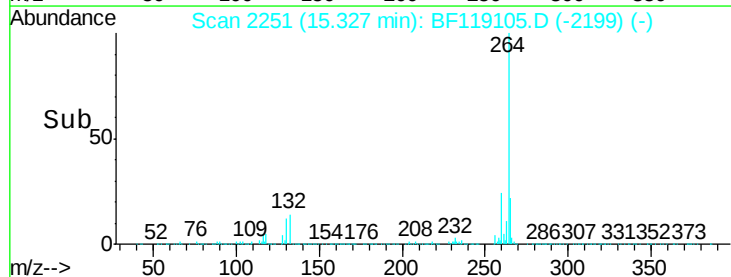
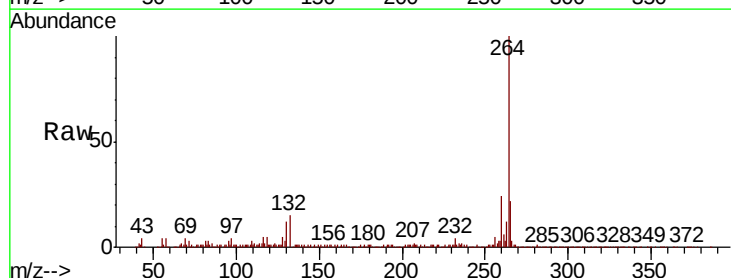
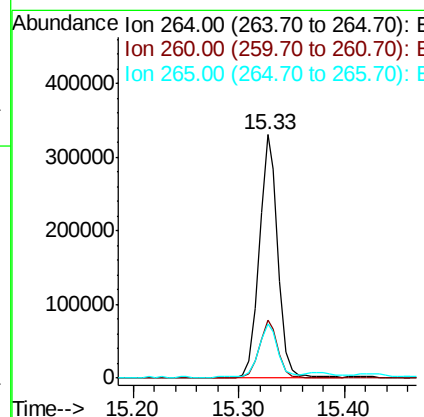
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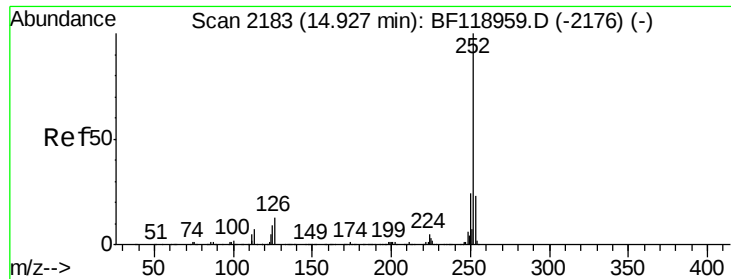
mohammad
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2251
 Delta R.T. 0.01 min
 Lab File: BF119105.D
 Acq: 27 Feb 2020 11:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	22.1	17.7	26.5





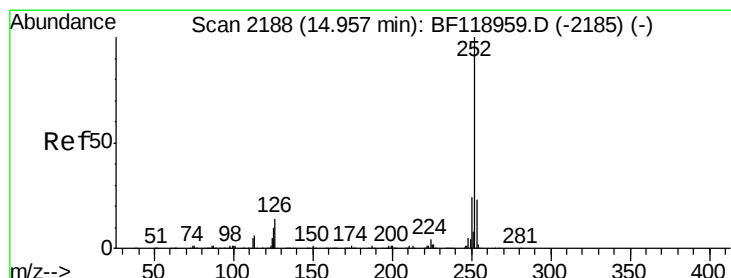
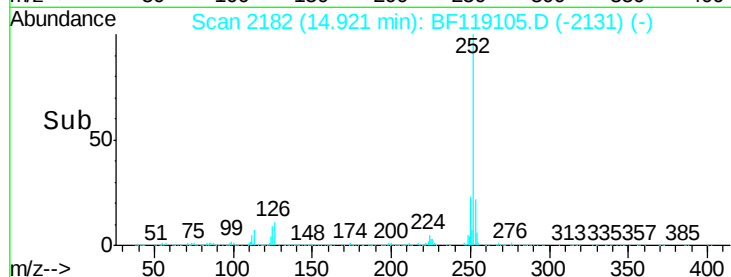
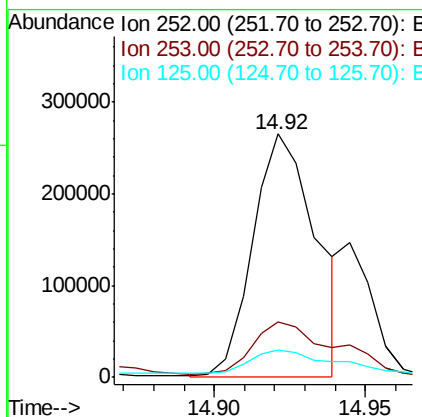
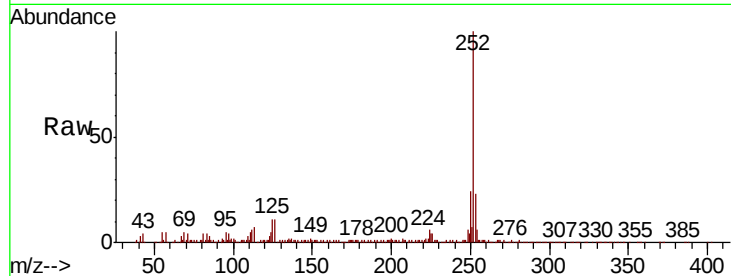
#88
Benzo(b)fluoranthene
Concen: 14.487 ng m
RT: 14.92 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BF119105.D
Acq: 27 Feb 2020 11:29

Instrument :
BNA_F
ClientSampleId :
COMP-FRONT-PARKING

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	11.0	7.4	11.0

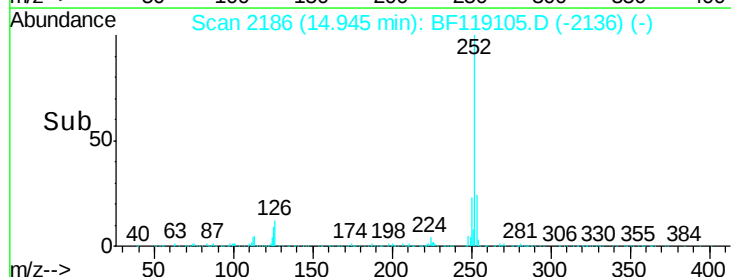
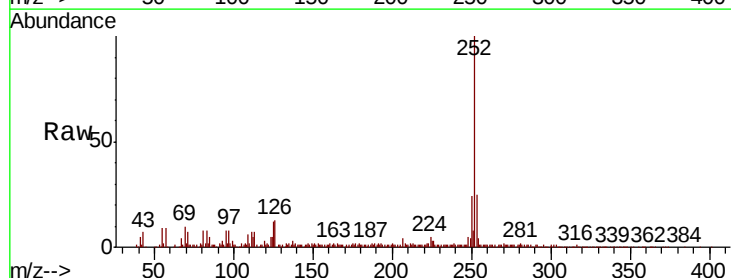
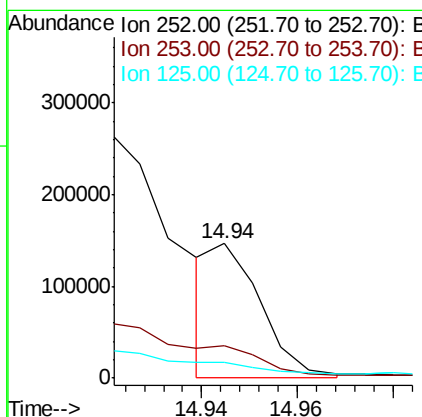
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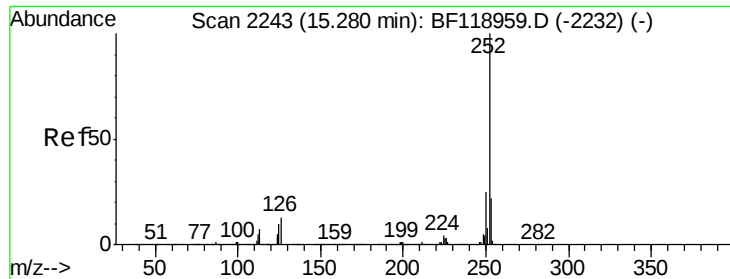
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#89
Benzo(k)fluoranthene
Concen: 4.229 ng m
RT: 14.94 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BF119105.D
Acq: 27 Feb 2020 11:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.8	26.8
125	11.9	7.5	11.3





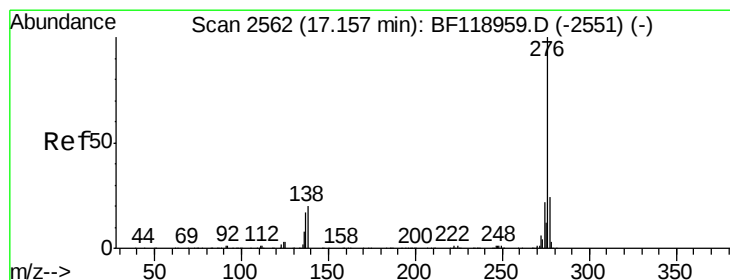
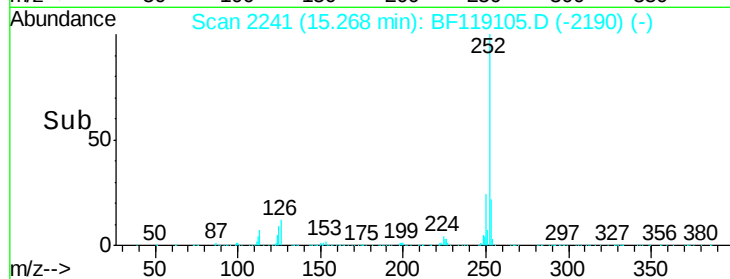
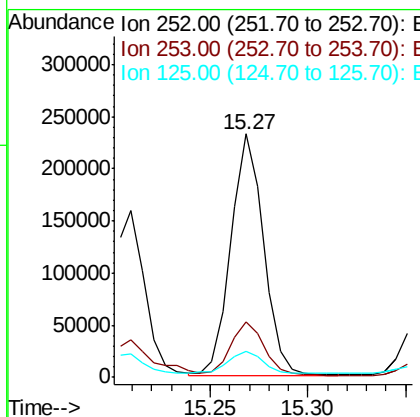
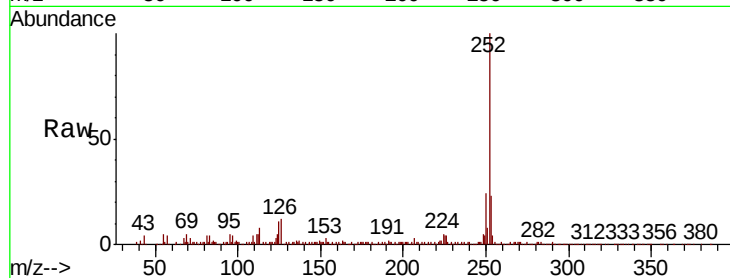
#90
Benzo(a)pyrene
Concen: 11.240 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BF119105.D
Acq: 27 Feb 2020 11:29

Instrument :
BNA_F
ClientSampleId :
COMP-FRONT-PARKING

Tot Ion:	252	Resp:	272088
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.0	27.0
125	10.6	8.6	12.8

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 7.091 ng
RT: 17.16 min Scan# 2562
Delta R.T. -0.00 min
Lab File: BF119105.D
Acq: 27 Feb 2020 11:29

Tgt Ion:	276	Resp:	149220
Ion Ratio	Lower	Upper	
276	100		
277	24.2	18.7	28.1
138	18.3	14.3	21.5

