

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060120\
 Data File : BF120468.D
 Acq On : 1 Jun 2020 13:58
 Operator : JU/CG
 Sample : L2792-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM28-COMP-2020-0-6

Manual Integrations
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Quant Time: Jun 02 09:04:59 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri May 29 12:39:43 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	208961	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	715494	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	322964	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	548948	20.00	ng	0.00
76) Chrysene-d12	14.00	240	515106	20.00	ng	0.00
86) Perylene-d12	15.46	264	594861	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1259636	114.88	ng	0.00
7) Phenol-d6	6.47	99	1535506	113.62	ng	0.00
23) Nitrobenzene-d5	7.40	82	968544	88.55	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	365538	122.16	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1679493	88.23	ng	0.00
79) Terphenyl-d14	12.95	244	1708573	73.81	ng	0.00

Target Compounds

						Qvalue
50) Dimethylphthalate	9.59	163	269171	13.33	ng	99
71) Phenanthrene	11.38	178	457689	18.92	ng	98
72) Anthracene	11.43	178	121776	5.02	ng	96
75) Fluoranthene	12.57	202	924373	35.52	ng	97
78) Pyrene	12.80	202	858213	23.96	ng	98
80) Butylbenzylphthalate	13.42	149	102691	6.87	ng	95
81) Benzo(a)anthracene	13.99	228	520375	18.85	ng	97
83) Chrysene	14.02	228	444952	15.37	ng	97
87) Indeno(1,2,3-cd)pyrene	16.89	276	303362m	9.32	ng	
88) Benzo(b)fluoranthene	15.03	252	717366m	21.71	ng	
89) Benzo(k)fluoranthene	15.06	252	170698m	5.53	ng	
90) Benzo(a)pyrene	15.39	252	471144	16.30	ng	99
91) Dibenzo(a,h)anthracene	16.90	278	72057m	2.72	ng	
92) Benzo(g,h,i)perylene	17.33	276	272423	10.41	ng	98

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

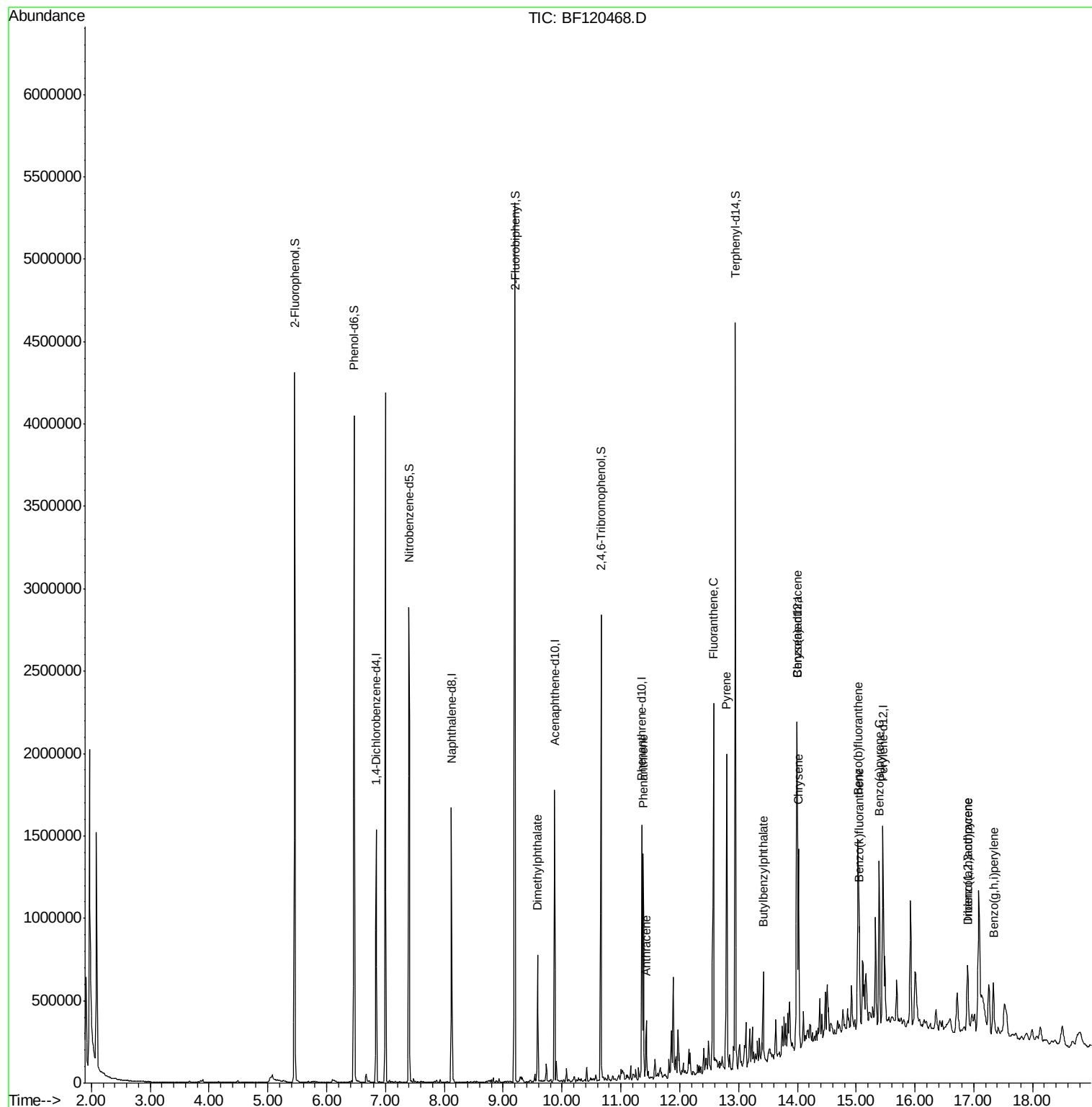
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060120\
Data File : BF120468.D
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Sample : L2792-02
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ALS Vial : 9 Sample Multiplier: 1

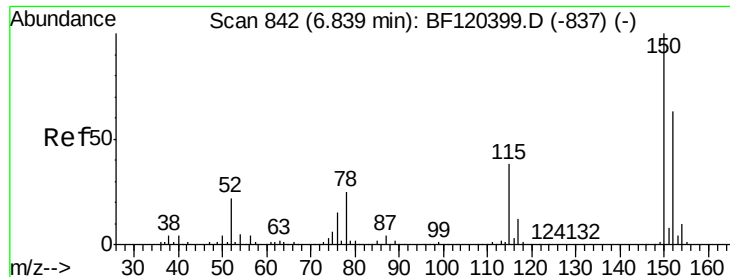
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Quant Time: Jun 02 09:04:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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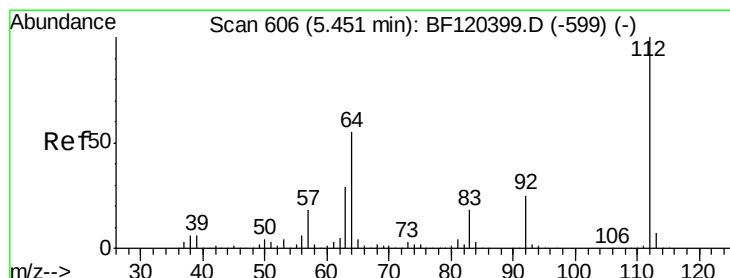
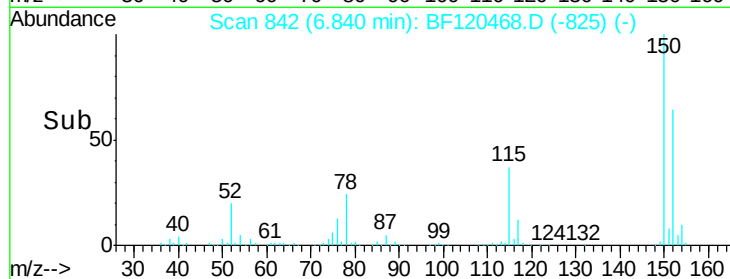
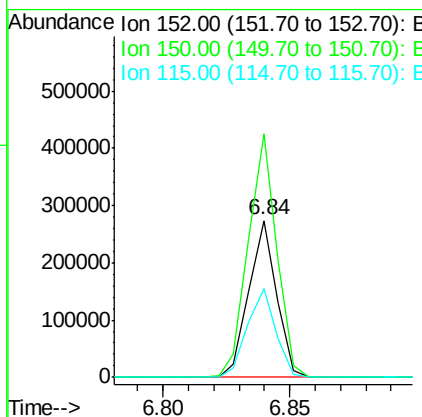
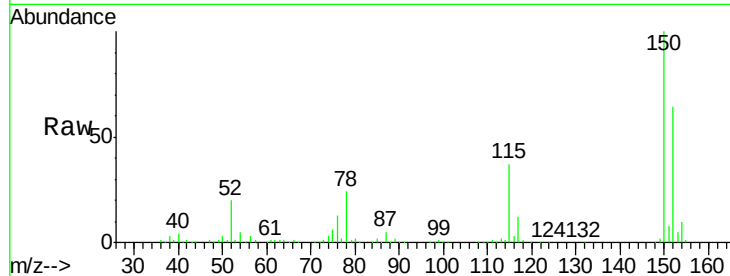
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.84 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF120468.D
 Acq: 1 Jun 2020 13:58

Instrument :
 BNA_F
 ClientSampleId :
 NM28-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.0	126.5	189.7
115	56.9	47.6	71.4

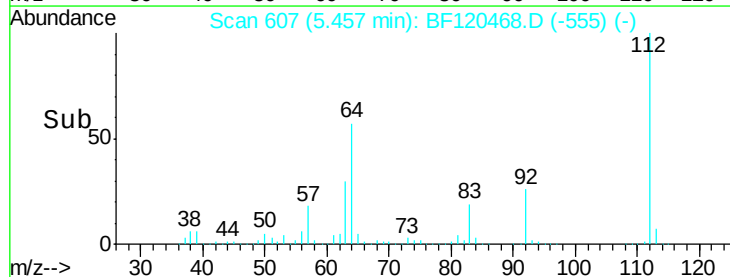
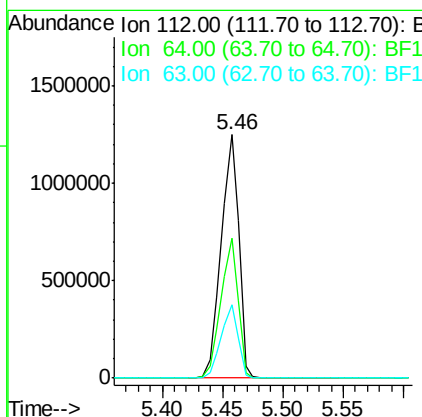
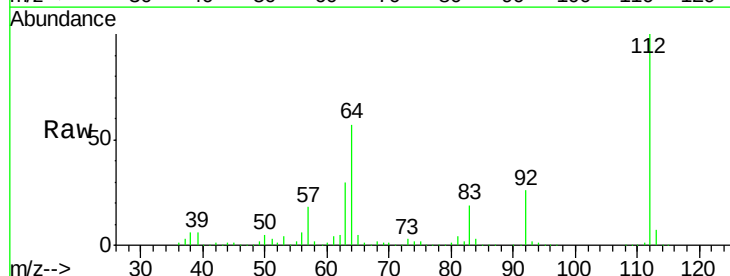
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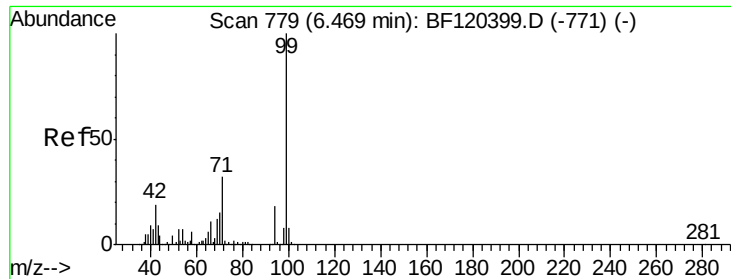
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#5
 2-Fluorophenol
 Concen: 114.88 ng
 RT: 5.46 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: BF120468.D
 Acq: 1 Jun 2020 13:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.3	44.3	66.5
63	30.0	22.9	34.3





#7

Phenol-d6

Concen: 113.62 ng

RT: 6.47 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF120468.D

Acq: 1 Jun 2020 13:58

Instrument :

BNA_F

ClientSampleId :

NM28-COMP-2020-0-6

Tgt Ion: 99 Resp: 1535506

Ion Ratio Lower Upper

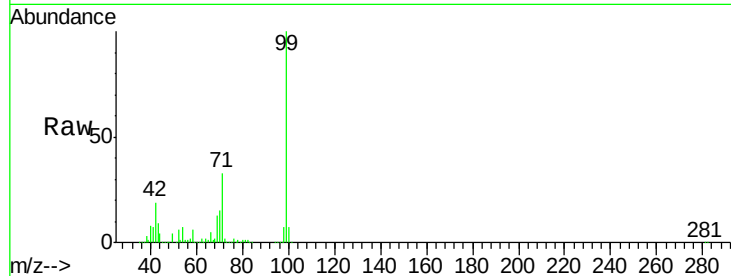
99 100

42 18.8 15.2 22.8

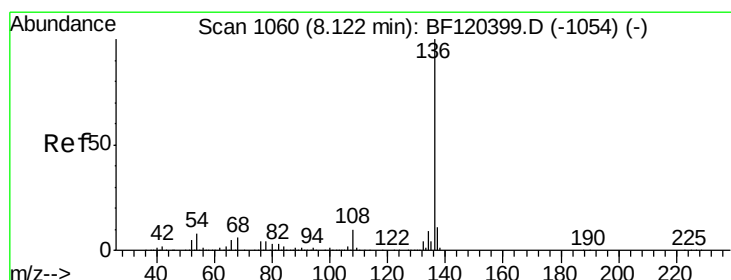
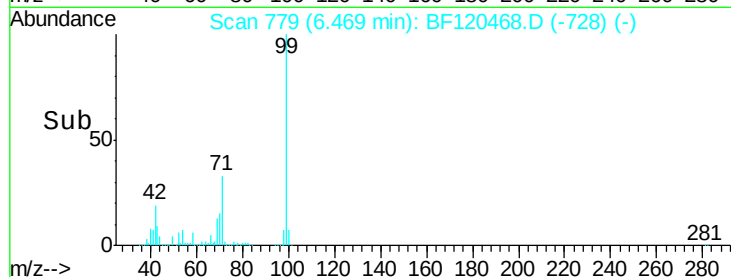
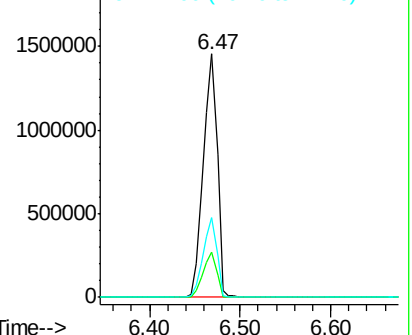
71 32.8 25.6 38.4

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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: 20.00 ng

RT: 8.12 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BF120468.D

Acq: 1 Jun 2020 13:58

Tgt Ion: 136 Resp: 715494

Ion Ratio Lower Upper

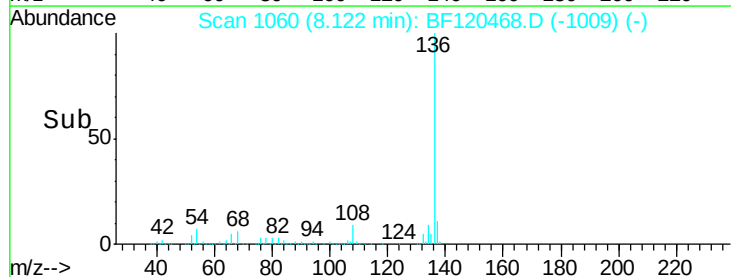
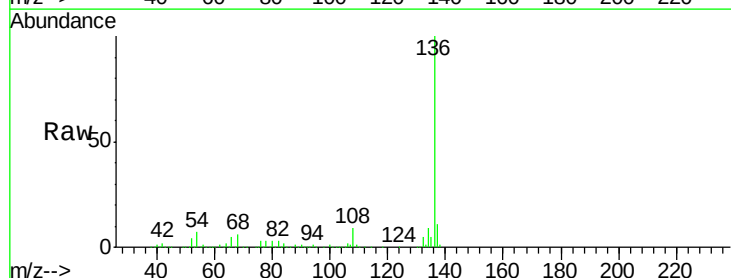
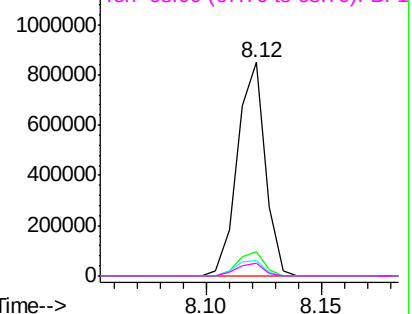
136 100

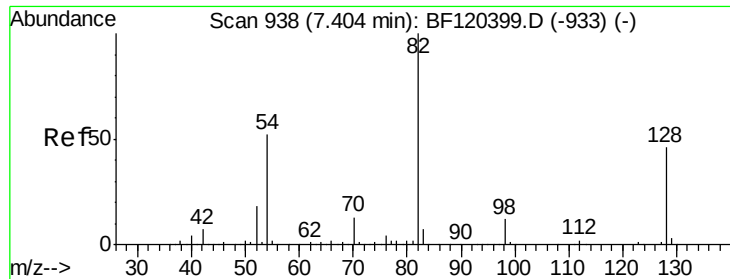
137 11.1 9.1 13.7

54 7.5 6.7 10.1

68 5.8 5.0 7.4

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





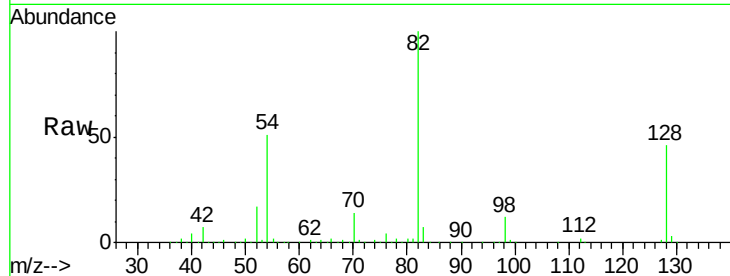
#23
 Nitrobenzene-d5
 Concen: 88.55 ng
 RT: 7.40 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF120468.D
 Acq: 1 Jun 2020 13:58

Instrument :
 BNA_F
 ClientSampleId :
 NM28-COMP-2020-0-6

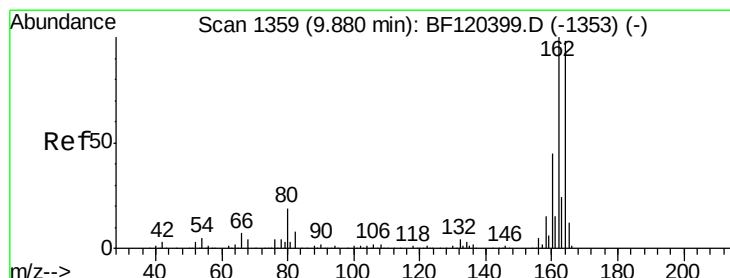
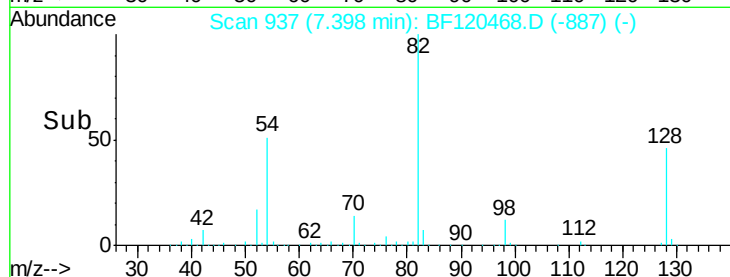
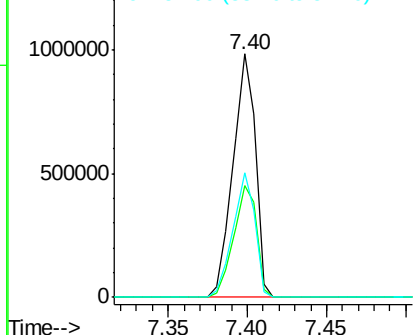
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	968544		
128	46.0	36.8	55.2	
54	51.3	41.6	62.4	

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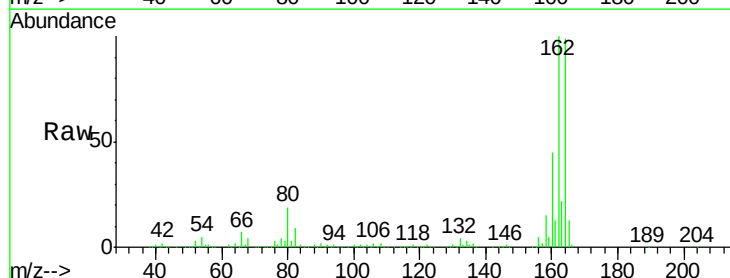


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

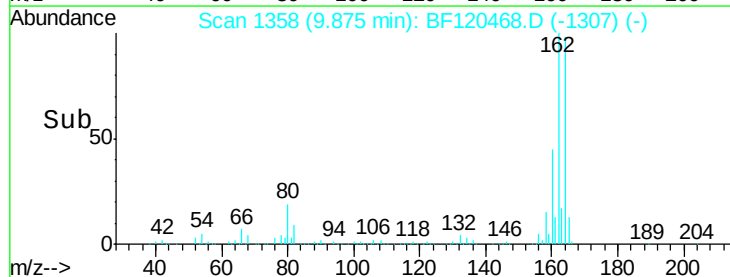
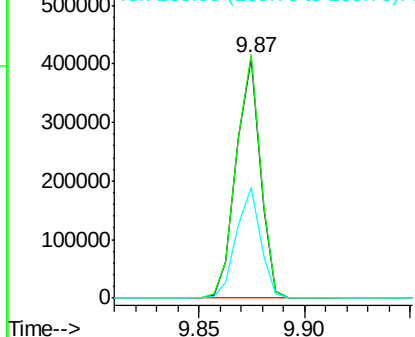


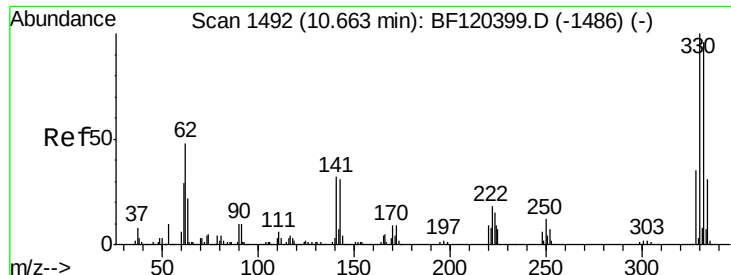
#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 1358
 Delta R.T. 0.00 min
 Lab File: BF120468.D
 Acq: 1 Jun 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	322964		
162	101.4	81.3	121.9	
160	46.0	36.9	55.3	



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





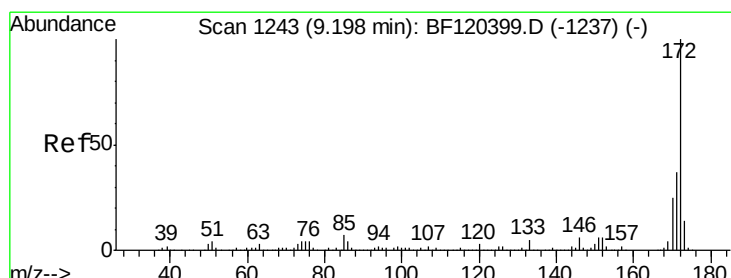
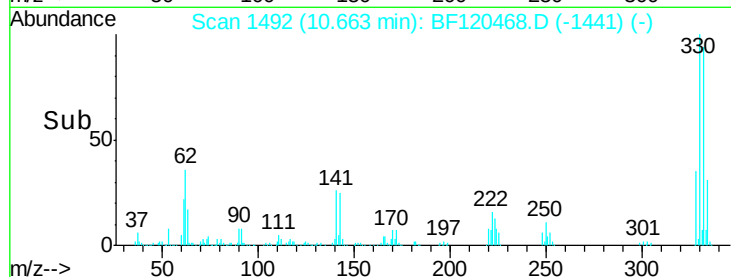
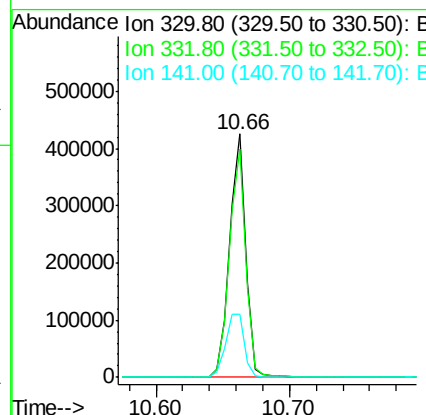
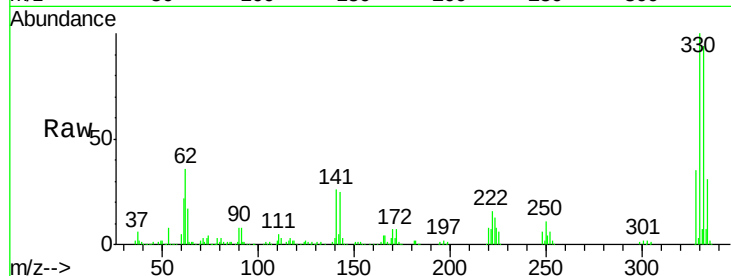
#42
 2,4,6-Tribromophenol
 Concen: 122.16 ng
 RT: 10.66 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: BF120468.D
 Acq: 1 Jun 2020 13:58

Instrument :
 BNA_F
 ClientSampleId :
 NM28-COMP-2020-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	365538		
332	96.0	77.0	115.6	
141	30.5	25.3	37.9	

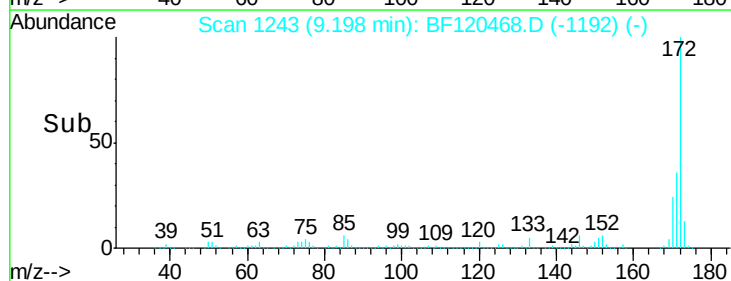
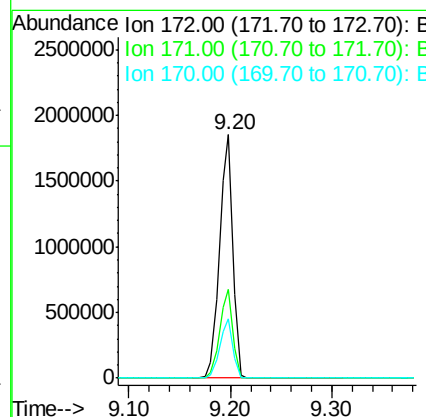
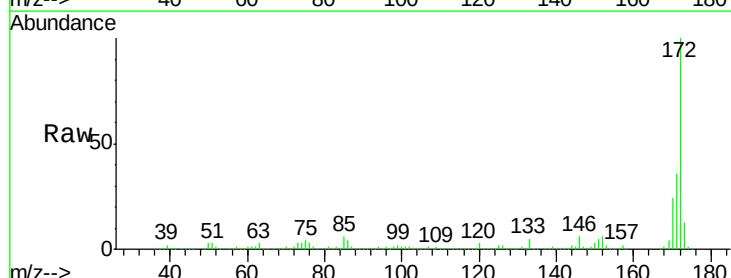
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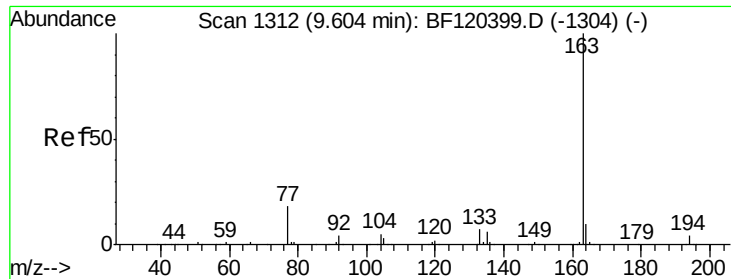
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#45
 2-Fluorobiphenyl
 Concen: 88.23 ng
 RT: 9.20 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF120468.D
 Acq: 1 Jun 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1679493		
171	36.3	29.7	44.5	
170	24.4	19.9	29.9	





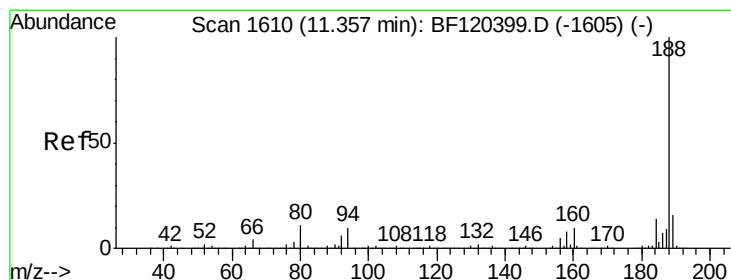
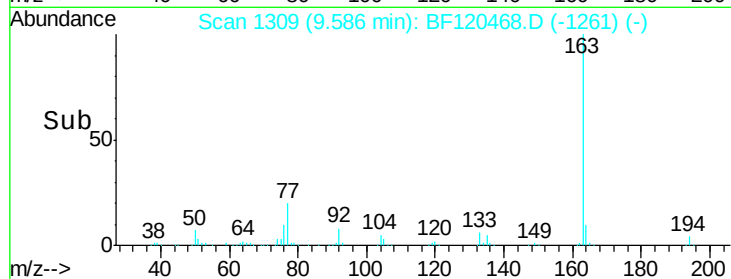
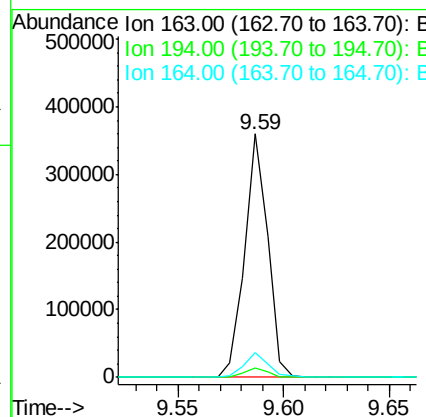
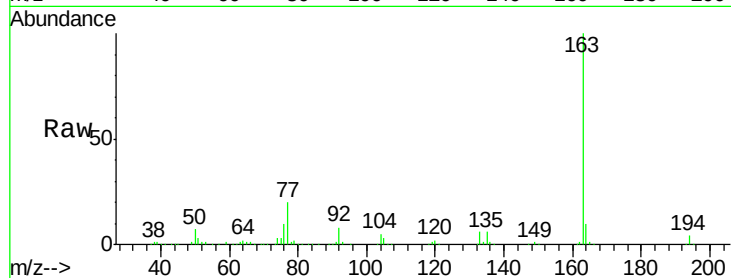
#50
Dimethylphthalate
Concen: 13.33 ng
RT: 9.59 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BF120468.D
Acq: 1 Jun 2020 13:58

Instrument :
BNA_F
ClientSampleId :
NM28-COMP-2020-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	269171		
194	3.7		3.3	4.9
164	10.1		8.3	12.5

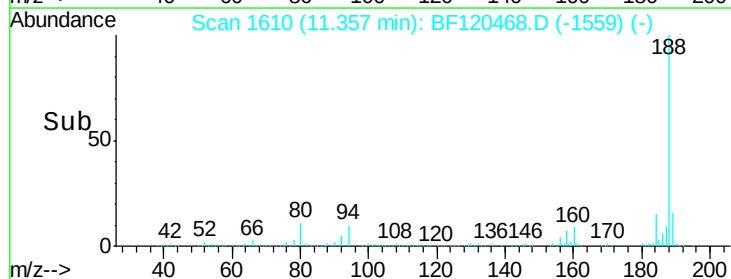
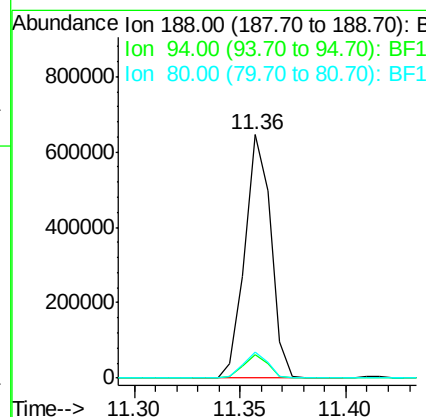
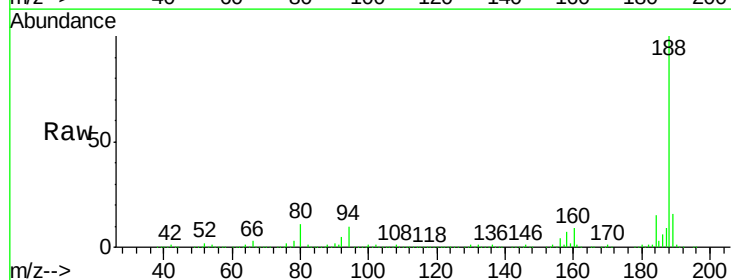
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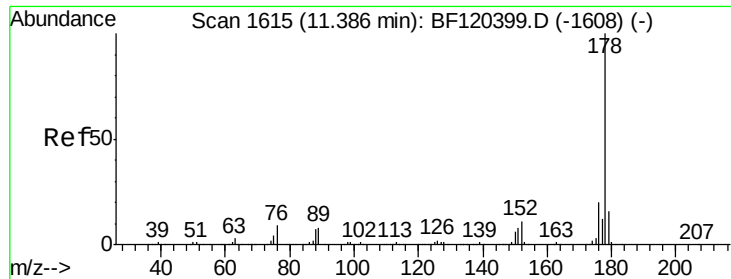
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BF120468.D
Acq: 1 Jun 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	548948		
94	9.6		7.9	11.9
80	10.7		8.6	13.0





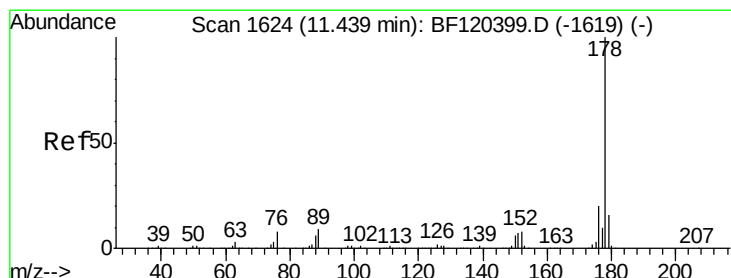
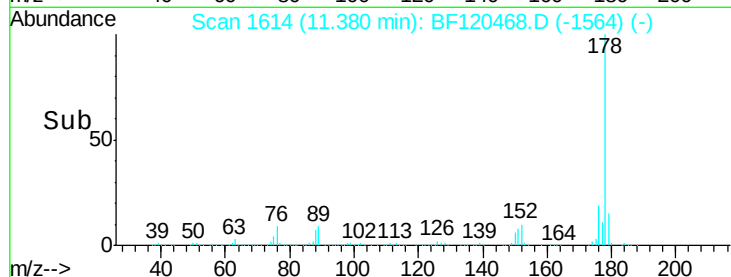
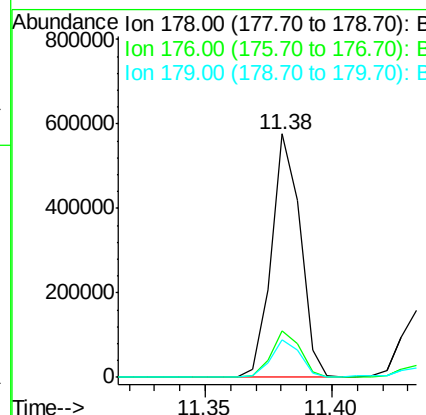
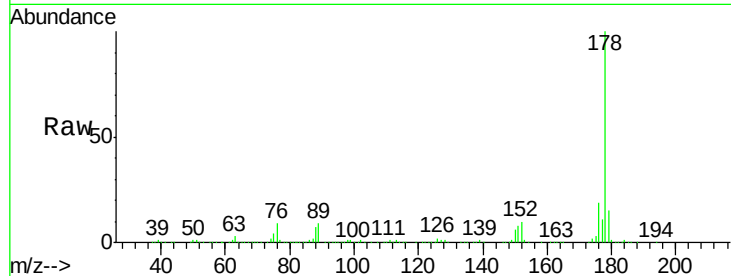
#71
Phenanthrene
Concen: 18.92 ng
RT: 11.38 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BF120468.D
Acq: 1 Jun 2020 13:58

Instrument :
BNA_F
ClientSampleId :
NM28-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.4	24.6
179	15.4	13.0	19.4

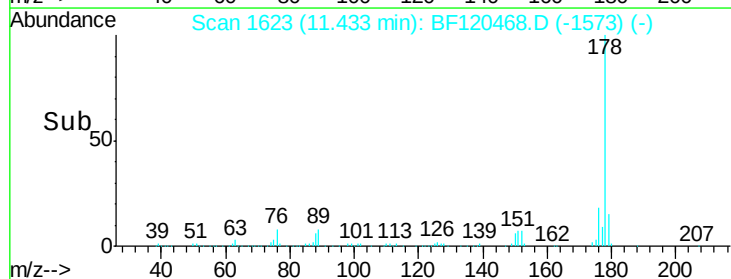
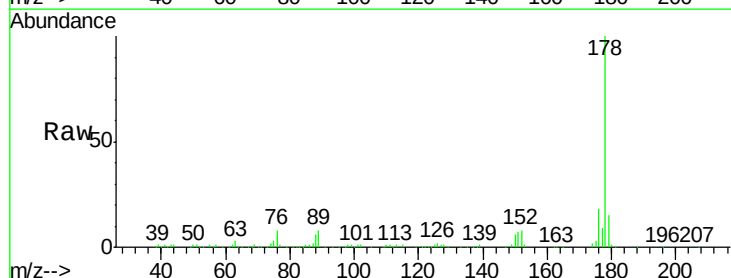
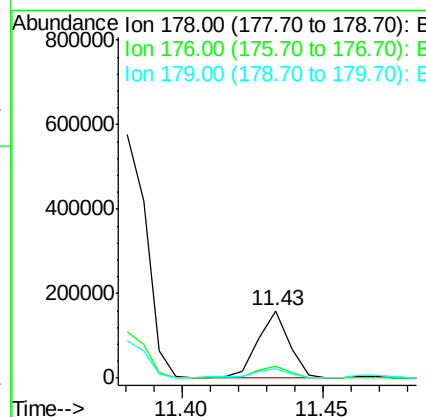
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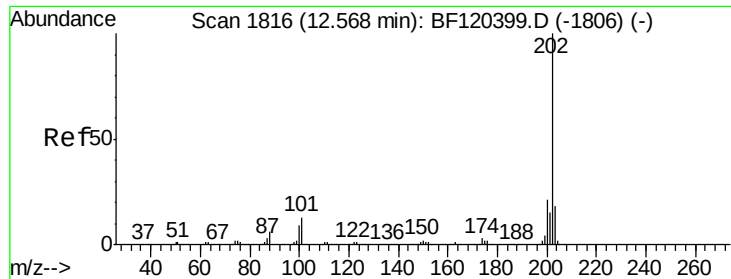
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#72
Anthracene
Concen: 5.02 ng
RT: 11.43 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BF120468.D
Acq: 1 Jun 2020 13:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.8	23.6
179	14.8	12.8	19.2





#75

Fluoranthene

Concen: 35.52 ng

RT: 12.57 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BF120468.D

Acq: 1 Jun 2020 13:58

Instrument :

BNA_F

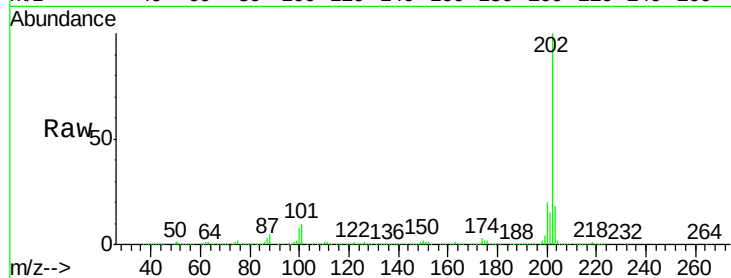
ClientSampleId :

NM28-COMP-2020-0-6

Tgt Ion:	202	Resp:	924373
Ion Ratio	Lower	Upper	
202	100		
101	10.3	0.0	32.6
203	18.1	0.0	38.4

Manual Integrations
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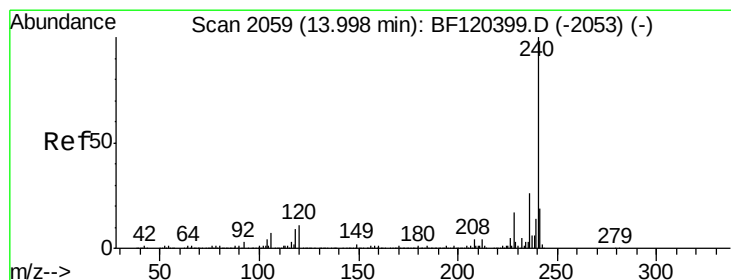
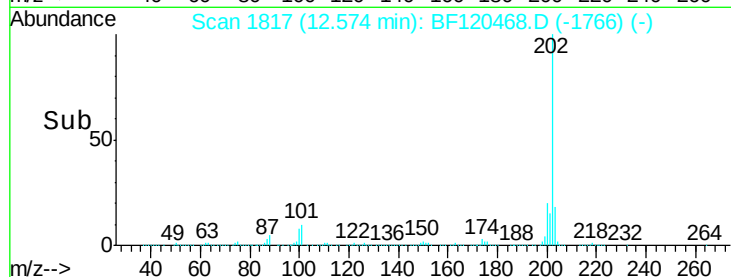
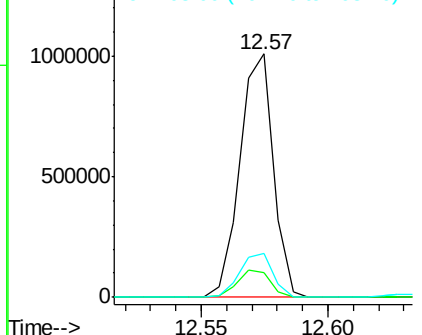
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.00 ng

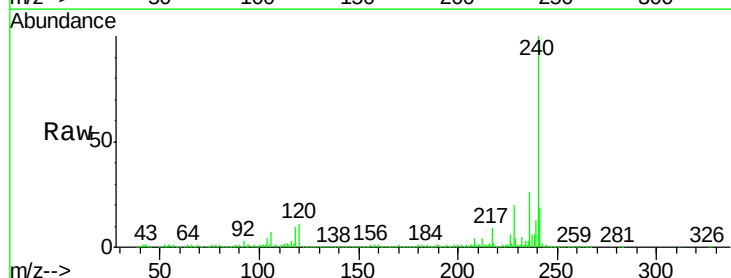
RT: 14.00 min Scan# 2059

Delta R.T. 0.00 min

Lab File: BF120468.D

Acq: 1 Jun 2020 13:58

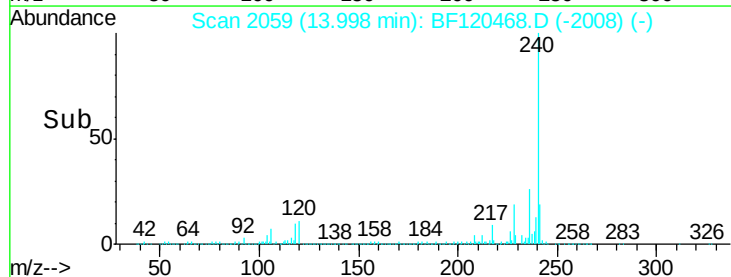
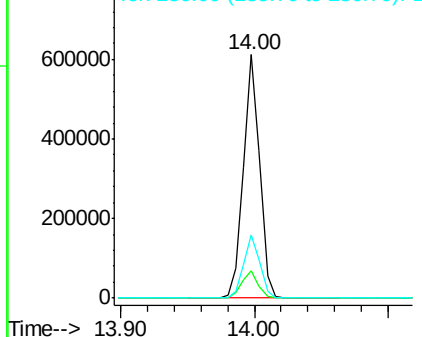
Tgt Ion:	240	Resp:	515106
Ion Ratio	Lower	Upper	
240	100		
120	11.2	8.8	13.2
236	25.9	21.0	31.4

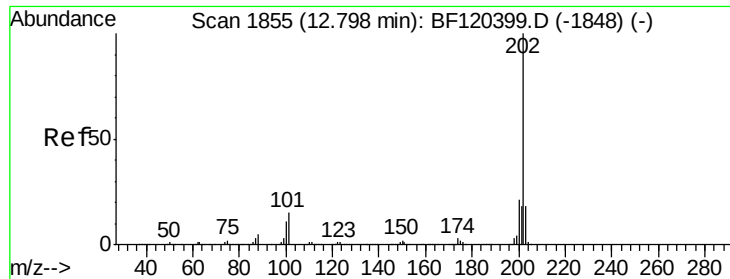


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





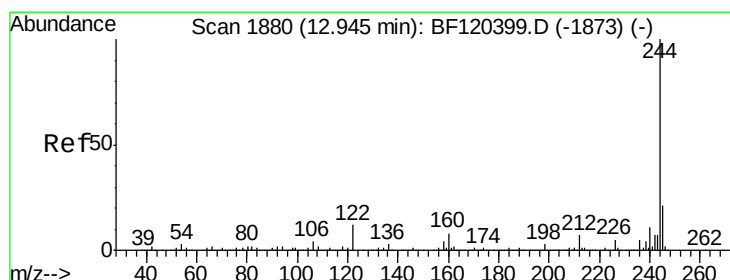
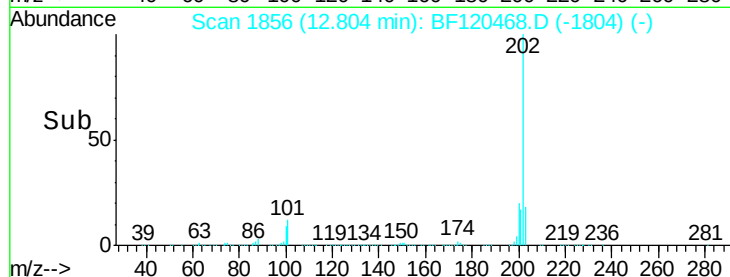
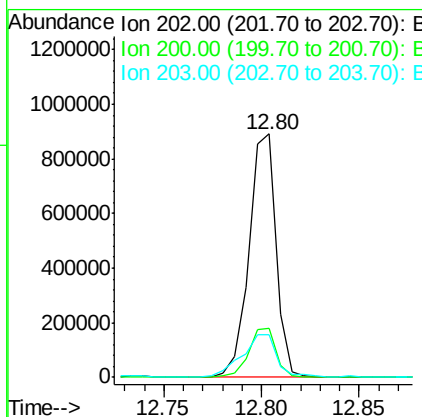
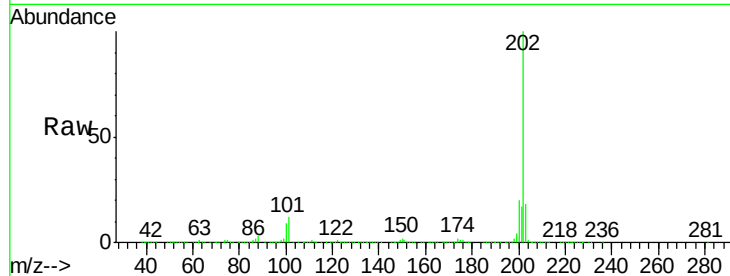
#78
 Pyrene
 Concen: 23.96 ng
 RT: 12.80 min Scan# 1856
 Delta R.T. 0.01 min
 Lab File: BF120468.D
 Acq: 1 Jun 2020 13:58

Instrument :
 BNA_F
 ClientSampleId :
 NM28-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.0	25.4
203	17.7	14.7	22.1

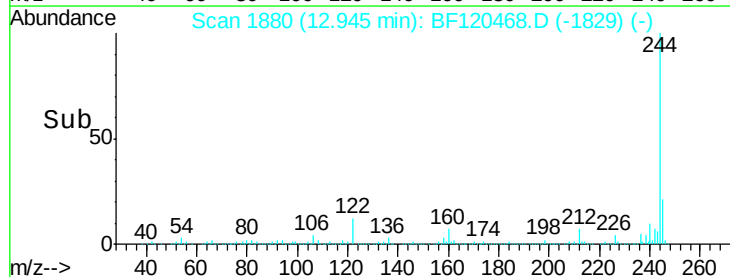
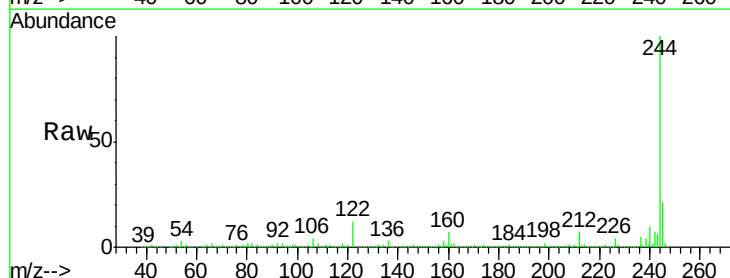
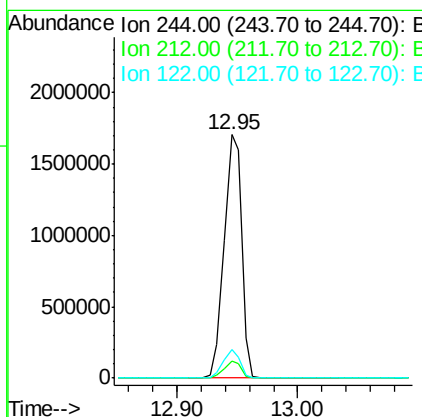
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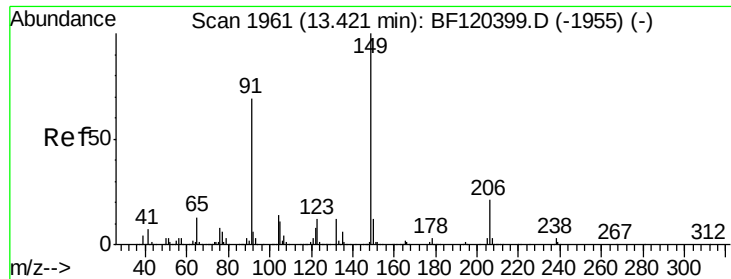
mohammad
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#79
 Terphenyl-d14
 Concen: 73.81 ng
 RT: 12.95 min Scan# 1880
 Delta R.T. 0.00 min
 Lab File: BF120468.D
 Acq: 1 Jun 2020 13:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.9	8.9
122	11.8	9.2	13.8





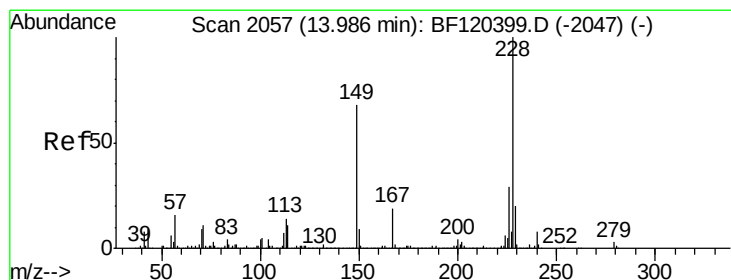
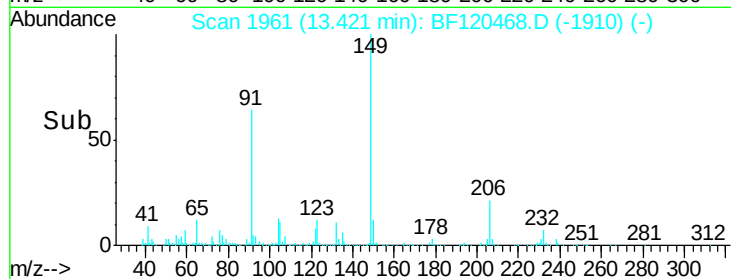
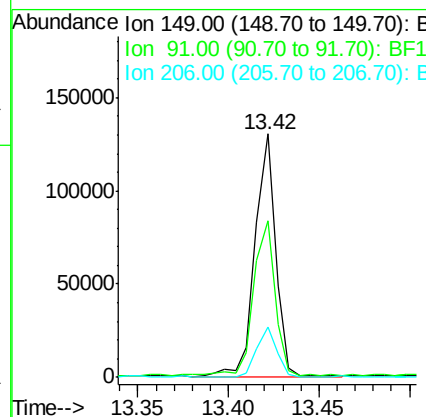
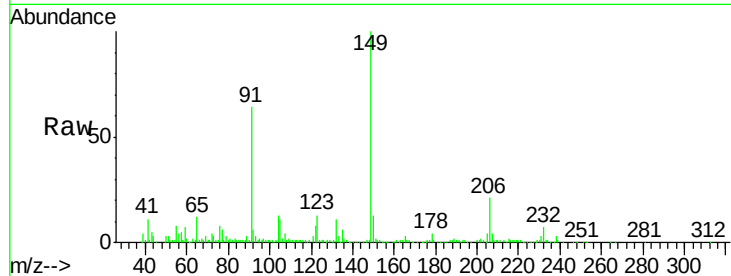
#80
Butylbenzylphthalate
Concen: 6.87 ng
RT: 13.42 min Scan# 1961
Delta R.T. 0.00 min
Lab File: BF120468.D
Acq: 1 Jun 2020 13:58

Instrument :
BNA_F
ClientSampleId :
NM28-COMP-2020-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	102691		
91	64.1	55.0	82.4	
206	20.8	17.0	25.4	

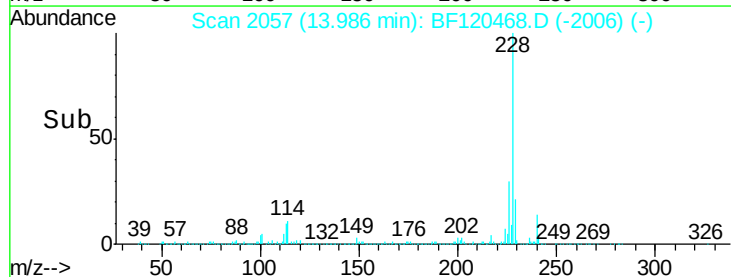
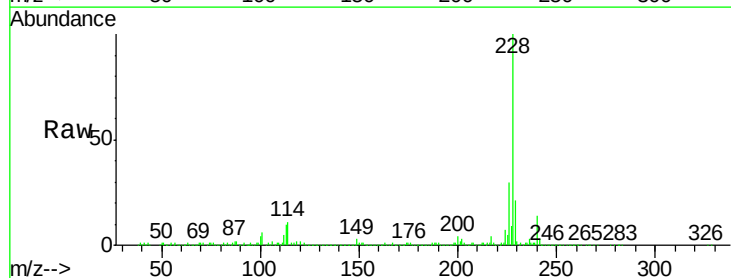
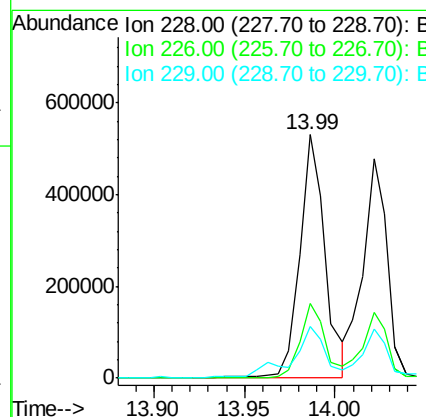
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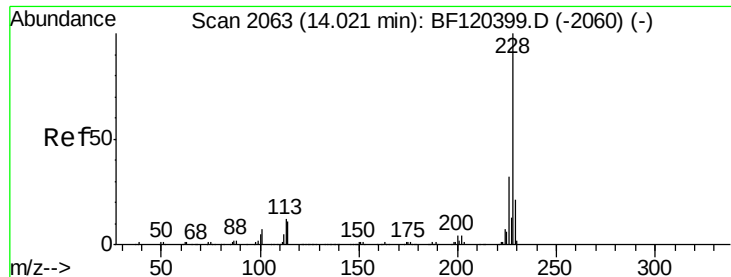
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#81
Benzo(a)anthracene
Concen: 18.85 ng
RT: 13.99 min Scan# 2057
Delta R.T. 0.00 min
Lab File: BF120468.D
Acq: 1 Jun 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	520375		
226	30.4	23.0	34.4	
229	21.0	16.2	24.4	





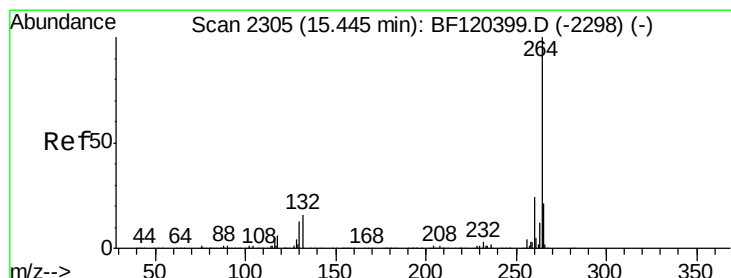
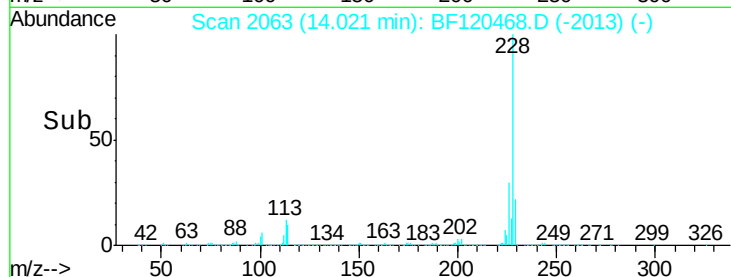
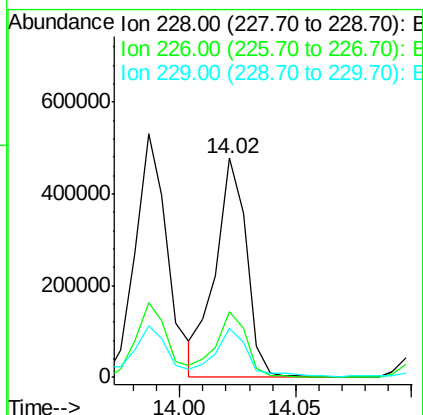
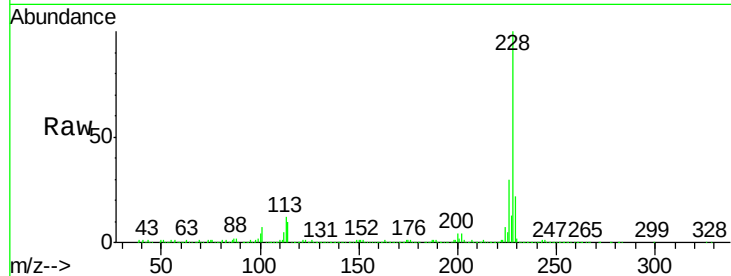
#83
Chrysene
Concen: 15.37 ng
RT: 14.02 min Scan# 2063
Delta R.T. -0.01 min
Lab File: BF120468.D
Acq: 1 Jun 2020 13:58

Instrument :
BNA_F
ClientSampleId :
NM28-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.6	38.4
229	22.4	16.6	25.0

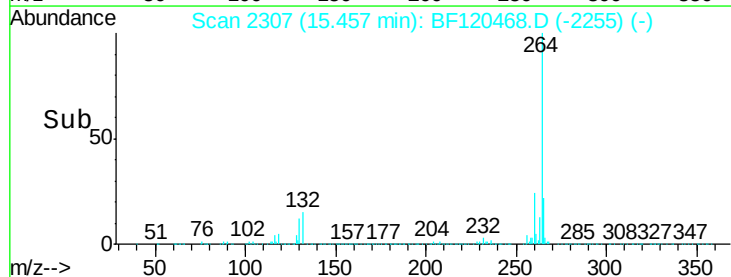
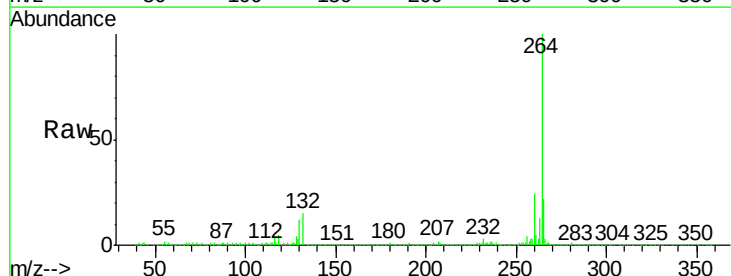
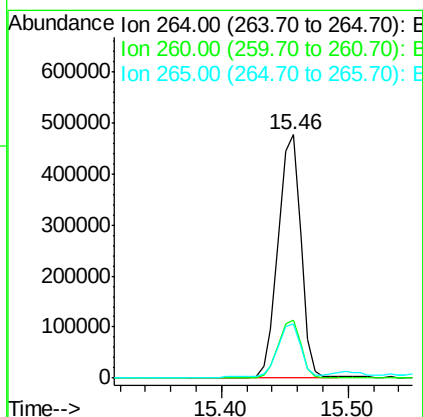
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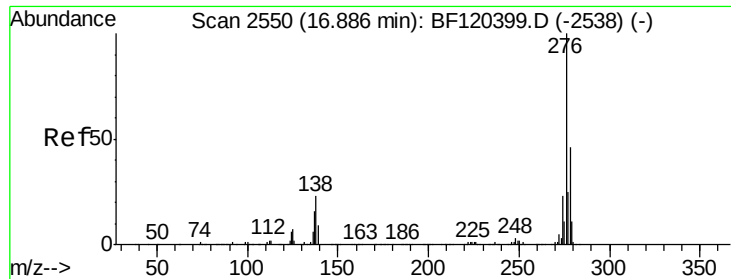
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 2307
Delta R.T. 0.01 min
Lab File: BF120468.D
Acq: 1 Jun 2020 13:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.0	16.9	25.3





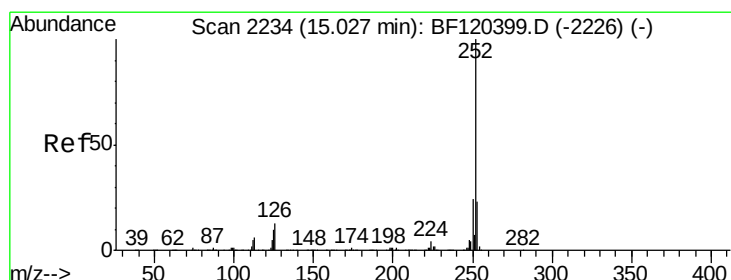
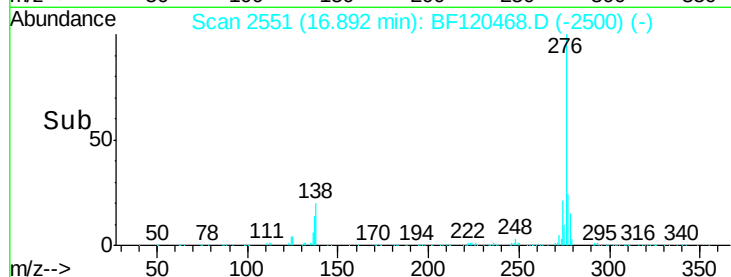
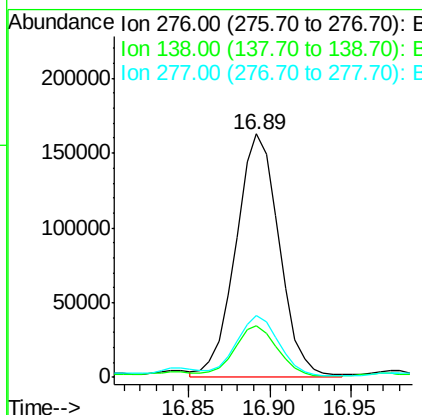
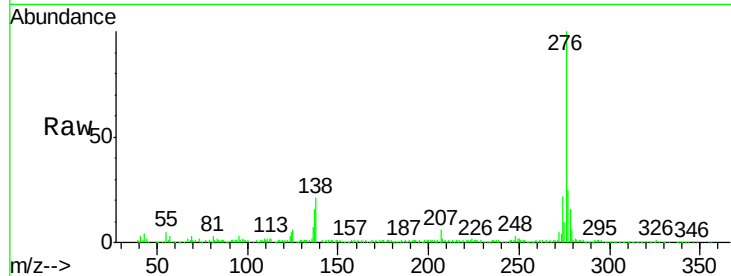
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 9.32 ng m
 RT: 16.89 min Scan# 2551
 Delta R.T. 0.00 min
 Lab File: BF120468.D
 Acq: 1 Jun 2020 13:58

Instrument :
 BNA_F
 ClientSampleId :
 NM28-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
276	100		
138	5.1	20.4	30.6#
277	4.6	20.4	30.6#

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#88
 Benzo(b)fluoranthene
 Concen: 21.71 ng m
 RT: 15.03 min Scan# 2235
 Delta R.T. 0.01 min
 Lab File: BF120468.D
 Acq: 1 Jun 2020 13:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.1	27.1
125	11.0	7.8	11.8

