

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060420\
 Data File : BF120537.D
 Acq On : 4 Jun 2020 16:56
 Operator : JU/CG
 Sample : L2839-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM27-COMP-2020-0-6

Manual Integrations
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mohammad
 6/5/2020 11:57:52 AM

Quant Time: Jun 04 18:54:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 04 16:38:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	184076	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	695261	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	349131	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	616742	20.00	ng	0.00
76) Chrysene-d12	13.99	240	433387	20.00	ng	-0.01
86) Perylene-d12	15.45	264	378895	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	983671	101.84	ng	0.00
7) Phenol-d6	6.46	99	1182164	99.30	ng	0.00
23) Nitrobenzene-d5	7.39	82	771700	72.60	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	329063	101.72	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1393018	67.70	ng	0.00
79) Terphenyl-d14	12.94	244	1339767	68.79	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.58	163	304014	13.929	ng	99
71) Phenanthrene	11.37	178	112661	4.146	ng	98
75) Fluoranthene	12.56	202	293794	10.047	ng	98
78) Pyrene	12.79	202	290416	9.636	ng	99
81) Benzo(a)anthracene	13.98	228	155005	6.673	ng	99
83) Chrysene	14.02	228	142147	5.837	ng	96
87) Indeno(1,2,3-cd)pyrene	16.89	276	68368	3.299	ng	96
88) Benzo(b)fluoranthene	15.03	252	193241m	9.182	ng	
89) Benzo(k)fluoranthene	15.05	252	51296m	2.611	ng	
90) Benzo(a)pyrene	15.39	252	117291	6.372	ng	99
92) Benzo(g,h,i)perylene	17.33	276	63973	3.839	ng	99

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

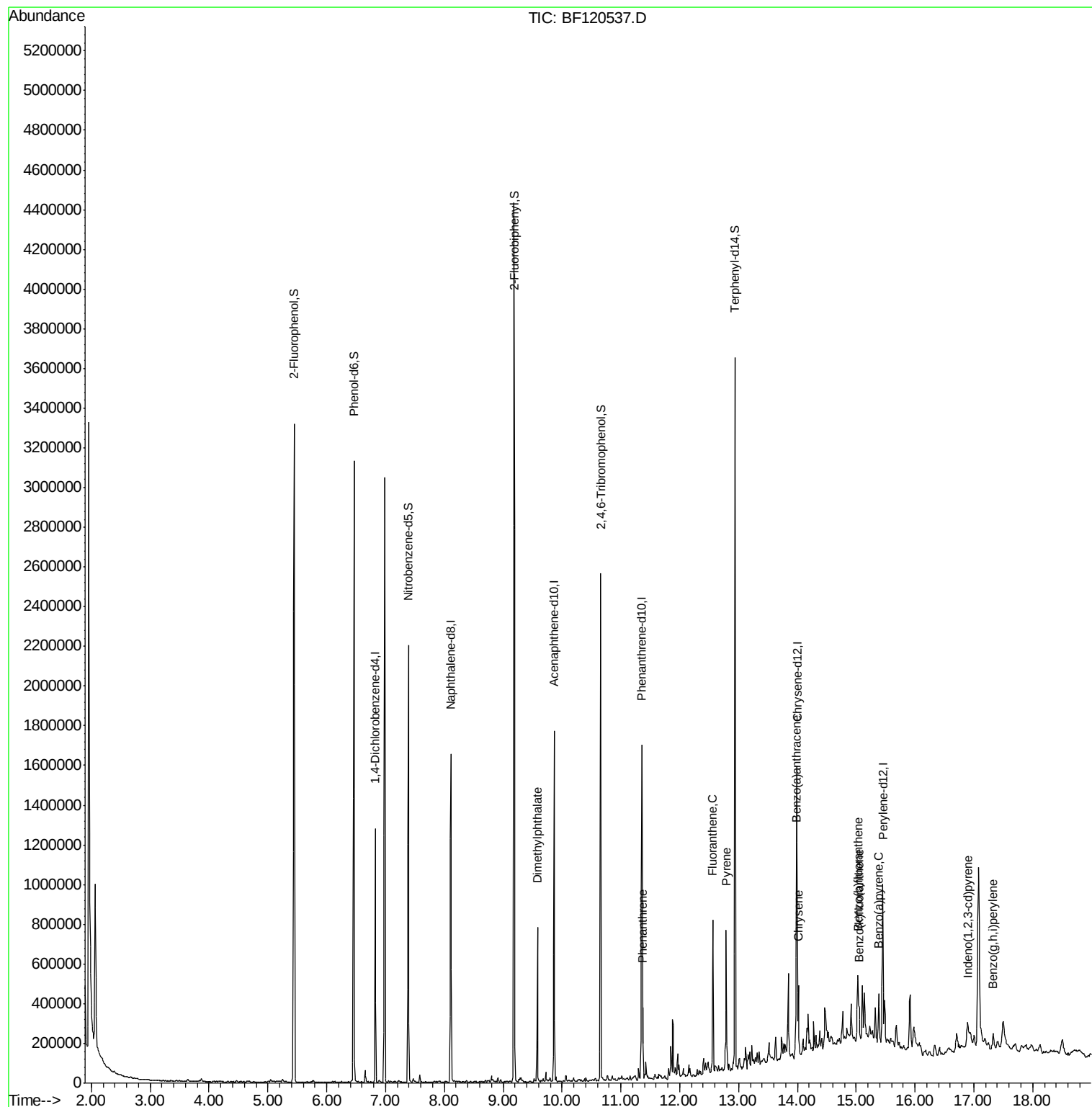
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060420\
Data File : BF120537.D
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ALS Vial : 10 Sample Multiplier: 1

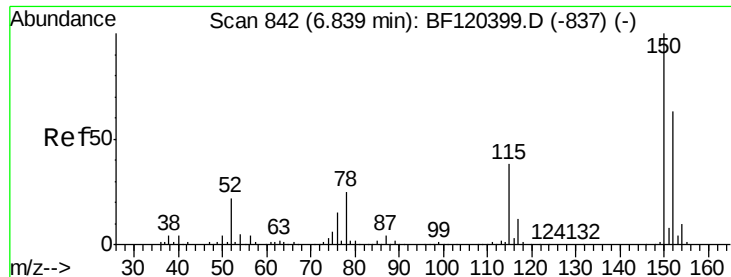
Instrument :
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NM27-COMP-2020-0-6

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 04 16:38:34 2020
Response via : Initial Calibration





#1

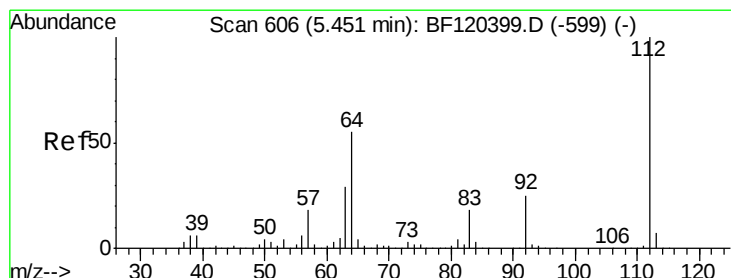
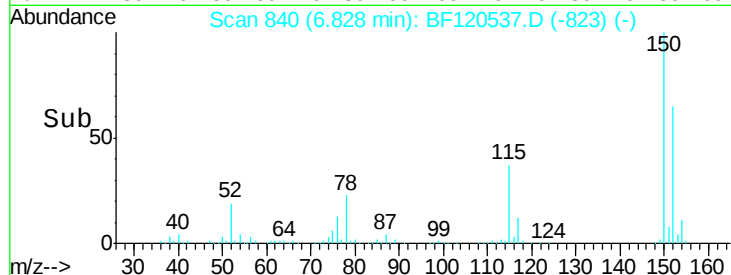
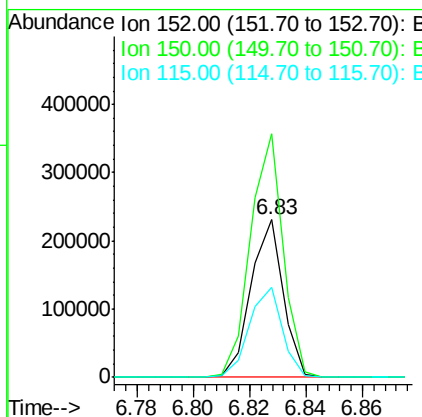
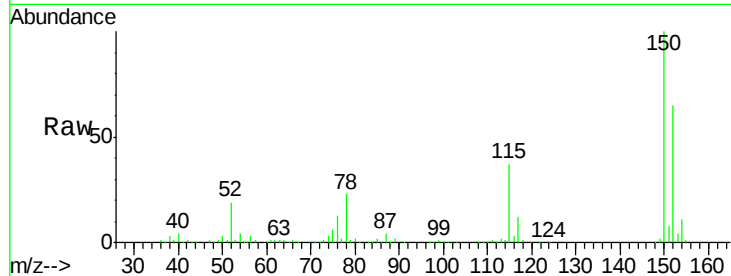
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF120537.D
Acq: 4 Jun 2020 16:56

Instrument :
BNA_F
ClientSampleId :
NM27-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	126.3	189.5
115	57.2	48.1	72.1

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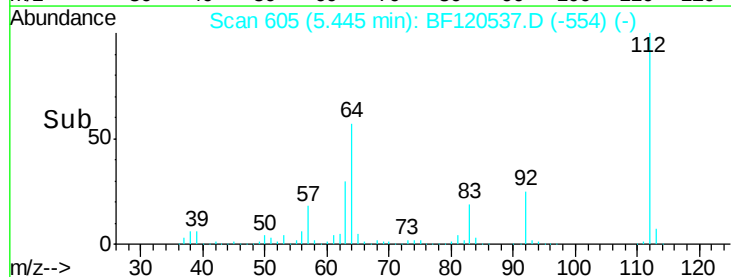
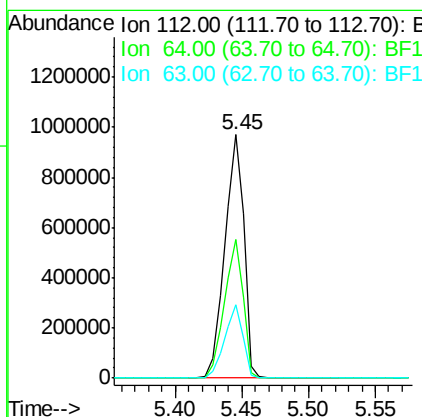
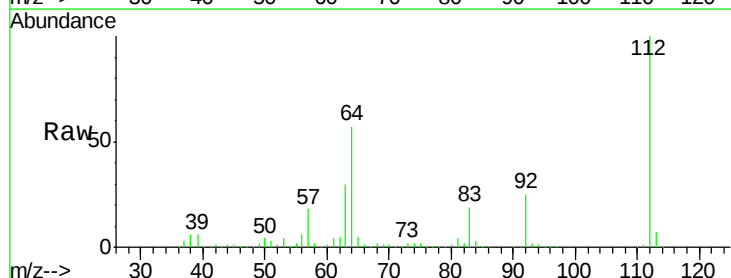
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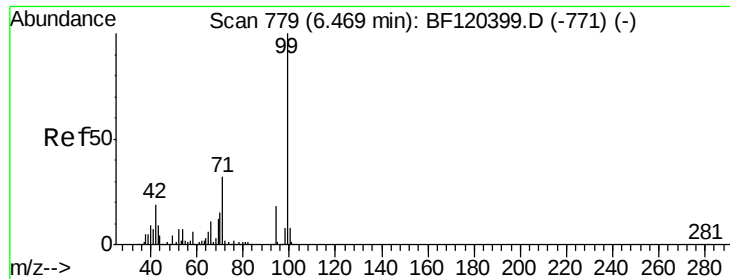


#5

2-Fluorophenol
Concen: 101.840 ng
RT: 5.45 min Scan# 605
Delta R.T. 0.00 min
Lab File: BF120537.D
Acq: 4 Jun 2020 16:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	47.2	70.8
63	30.0	24.7	37.1





#7

Phenol-d6

Concen: 99.296 ng

RT: 6.46 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF120537.D

Acq: 4 Jun 2020 16:56

Instrument :

BNA_F

ClientSampleId :

NM27-COMP-2020-0-6

Tot Ion: 99 Resp: 1182164

Ion Ratio Lower Upper

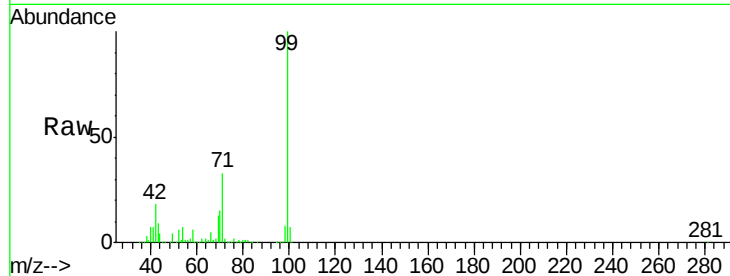
99 100

42 18.4 15.0 22.6

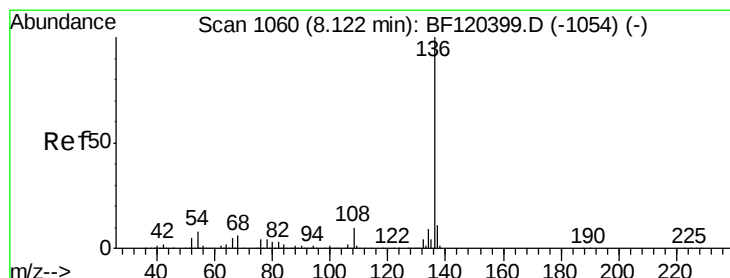
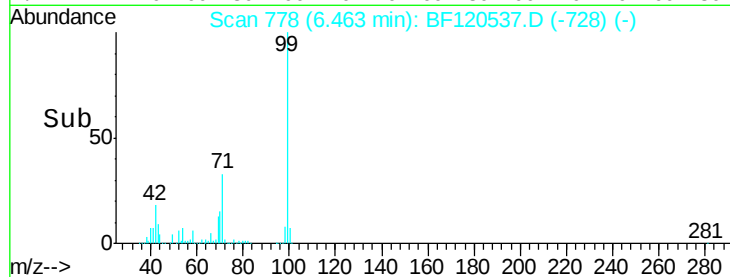
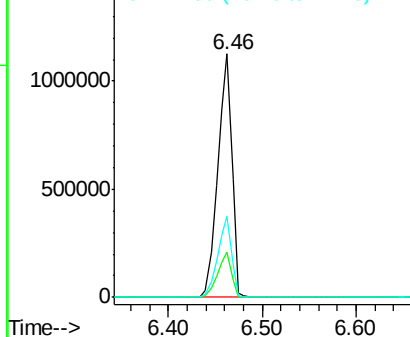
71 33.4 27.0 40.4

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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: 8.11 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BF120537.D

Acq: 4 Jun 2020 16:56

Tgt Ion: 136 Resp: 695261

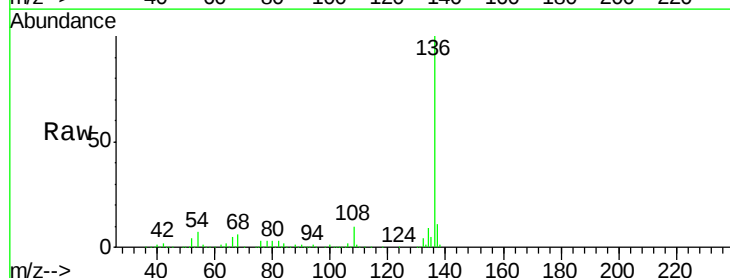
Ion Ratio Lower Upper

136 100

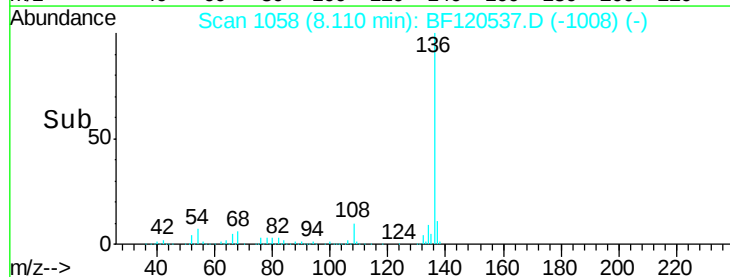
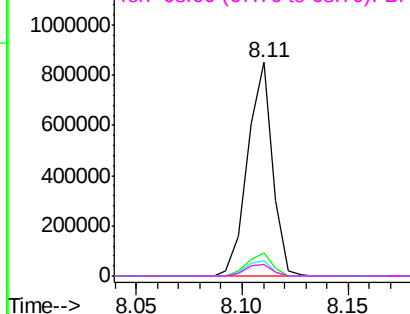
137 10.9 8.8 13.2

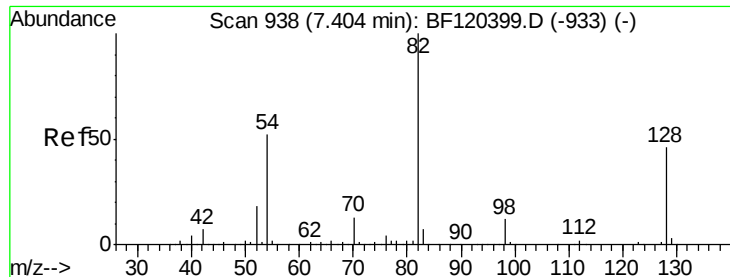
54 7.2 5.4 8.0

68 5.6 4.3 6.5



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





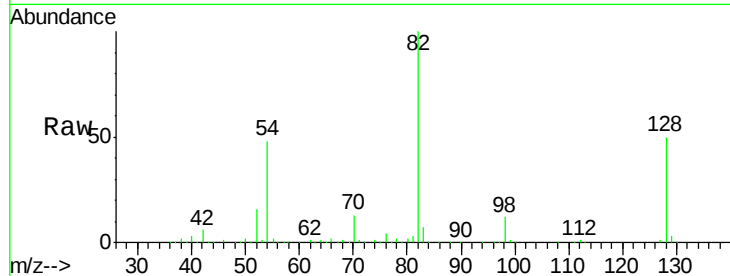
#23
 Nitrobenzene-d5
 Concen: 72.605 ng
 RT: 7.39 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF120537.D
 Acq: 4 Jun 2020 16:56

Instrument :
 BNA_F
 ClientSampleId :
 NM27-COMP-2020-0-6

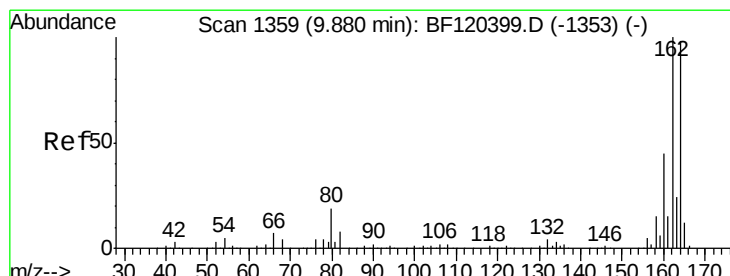
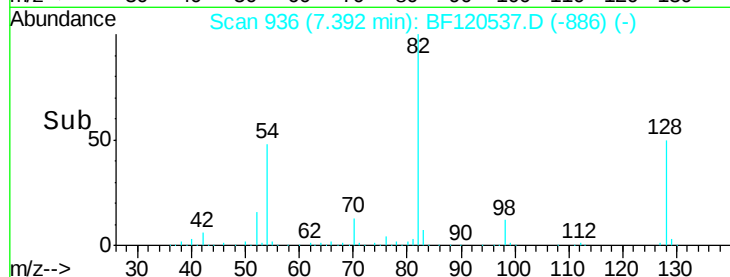
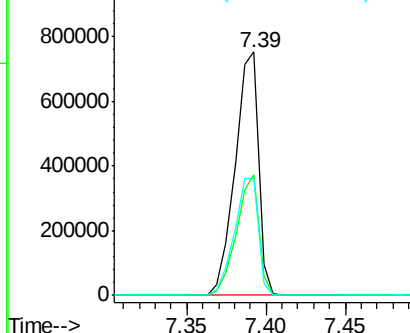
Tot Ion	Ratio	Lower	Upper
82	100		
128	49.5	36.7	55.1
54	48.2	40.0	60.0

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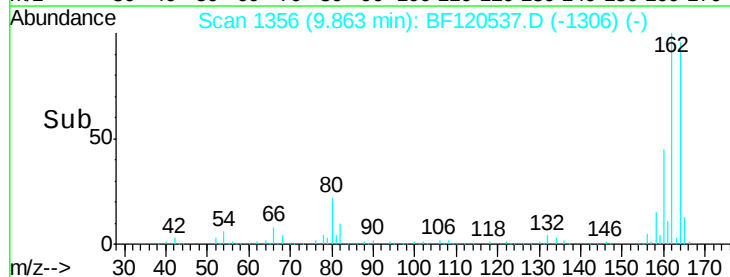
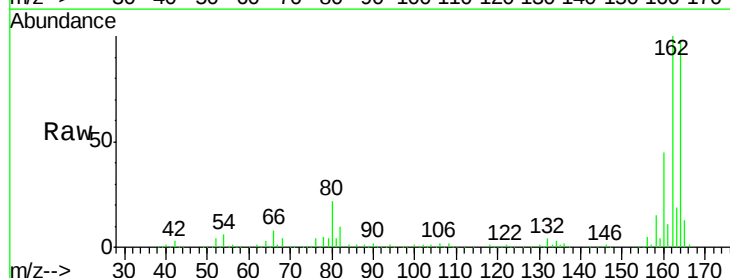
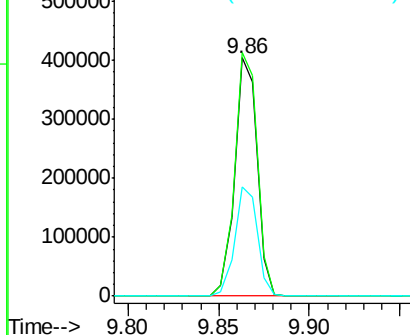
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

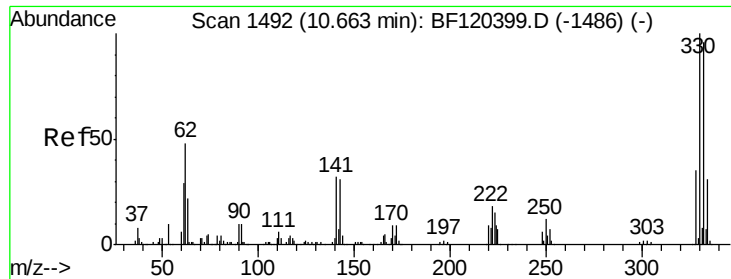


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: BF120537.D
 Acq: 4 Jun 2020 16:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.2	121.8
160	46.1	37.0	55.4

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





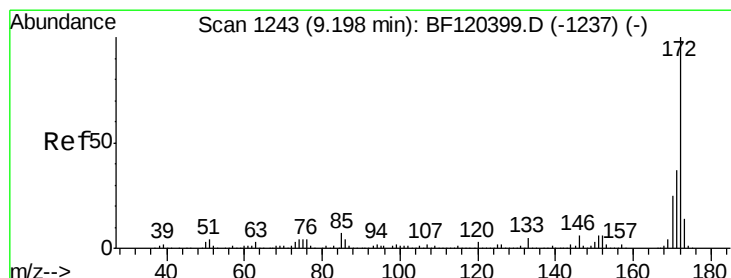
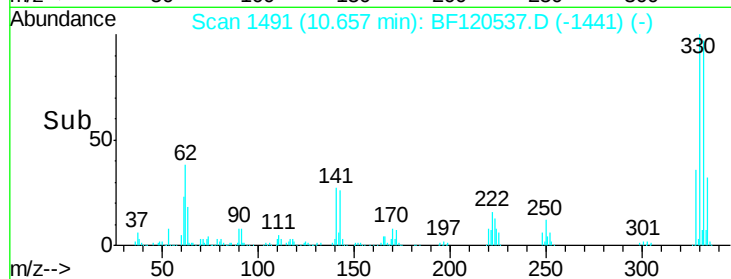
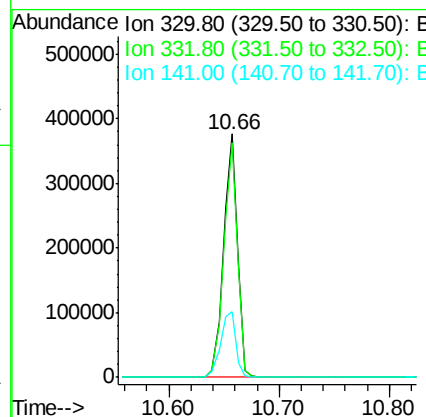
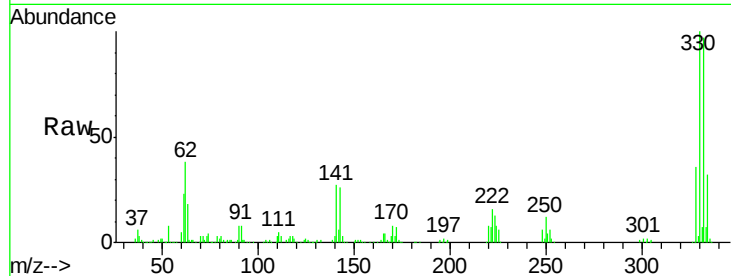
#42
 2,4,6-Tribromophenol
 Concen: 101.724 ng
 RT: 10.66 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF120537.D
 Acq: 4 Jun 2020 16:56

Instrument :
 BNA_F
 ClientSampleId :
 NM27-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.7	77.0	115.4	
141	29.4	23.8	35.8	

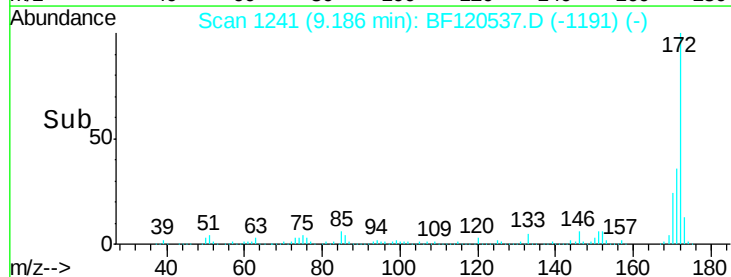
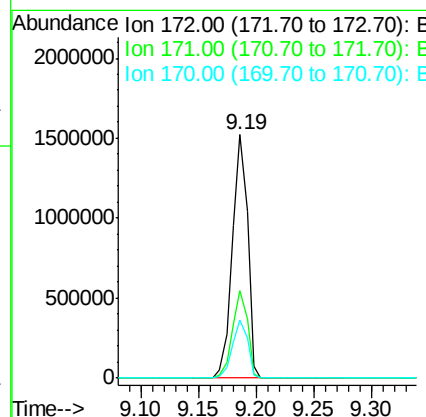
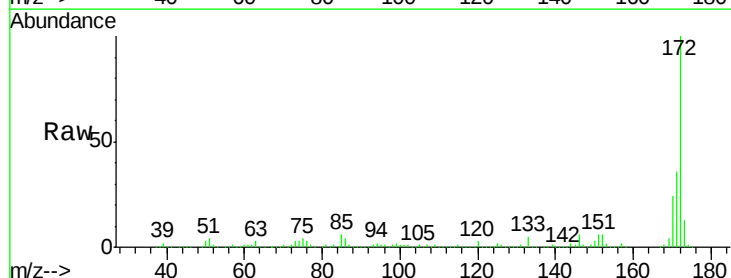
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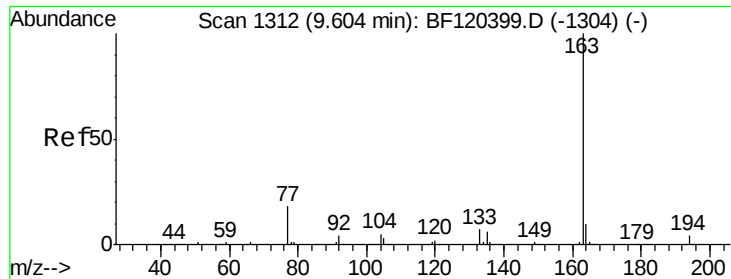
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#45
 2-Fluorobiphenyl
 Concen: 67.697 ng
 RT: 9.19 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: BF120537.D
 Acq: 4 Jun 2020 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.7	29.5	44.3	
170	24.1	19.8	29.6	





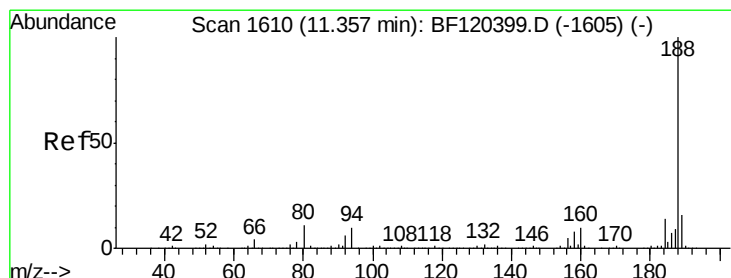
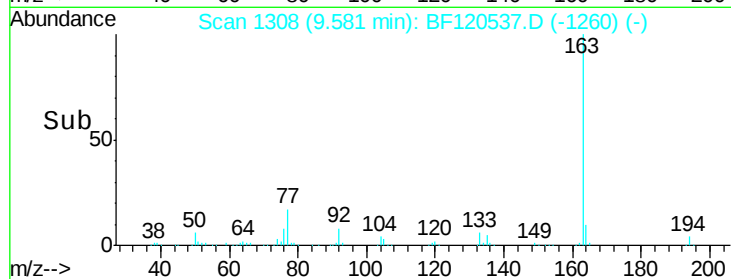
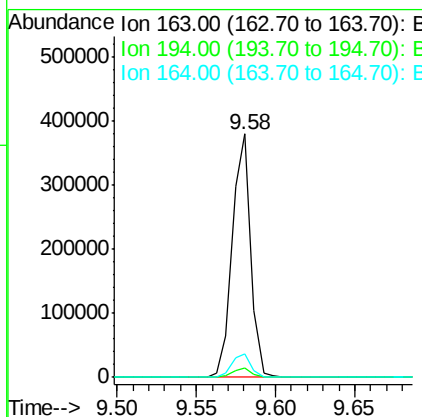
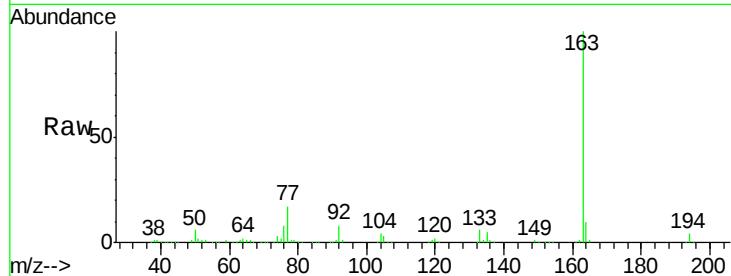
#50
Dimethylphthalate
Concen: 13.929 ng
RT: 9.58 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF120537.D
Acq: 4 Jun 2020 16:56

Instrument :
BNA_F
ClientSampleId :
NM27-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
163	100	304014		
194	3.9		3.1	4.7
164	9.7		8.0	12.0

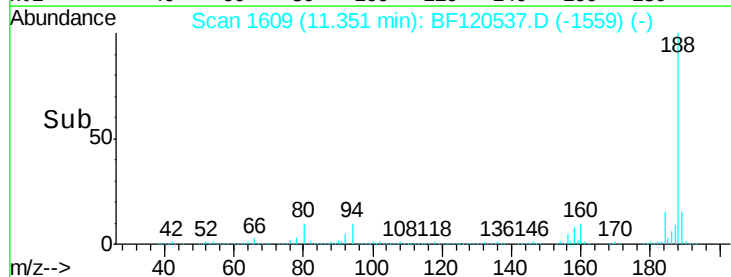
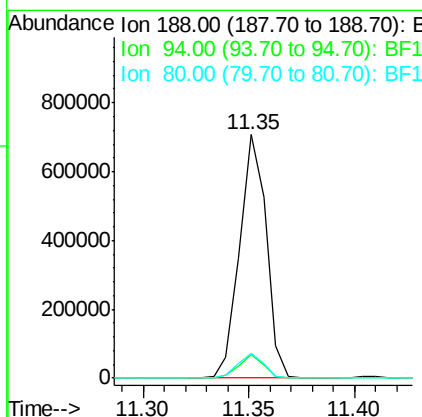
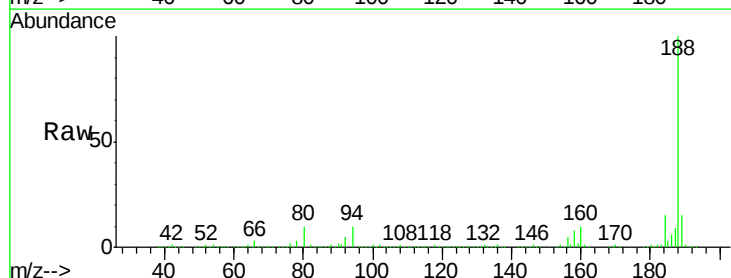
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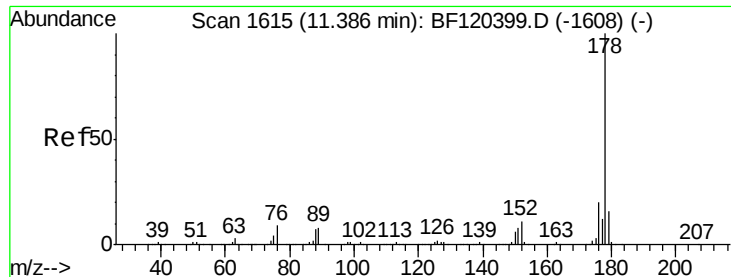
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BF120537.D
Acq: 4 Jun 2020 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	616742		
94	9.6		7.4	11.2
80	10.0		7.6	11.4





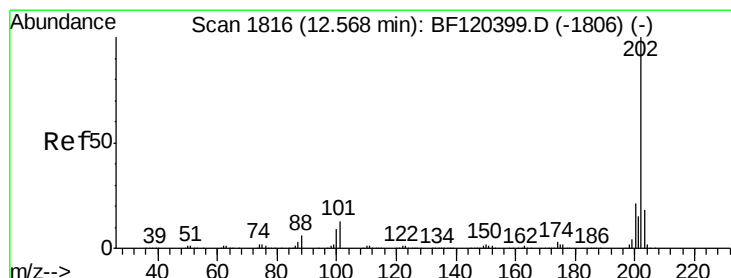
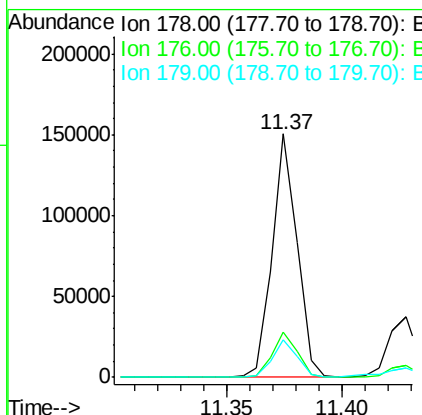
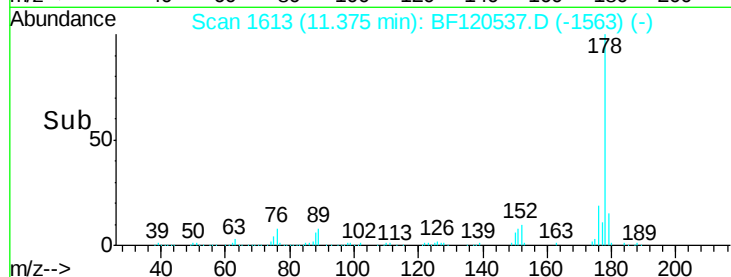
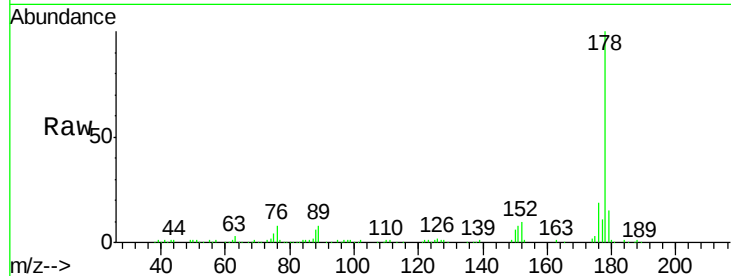
#71
Phenanthrene
Concen: 4.146 ng
RT: 11.37 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BF120537.D
Acq: 4 Jun 2020 16:56

Instrument :
BNA_F
ClientSampleId :
NM27-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.2	24.2
179	15.3	12.8	19.2

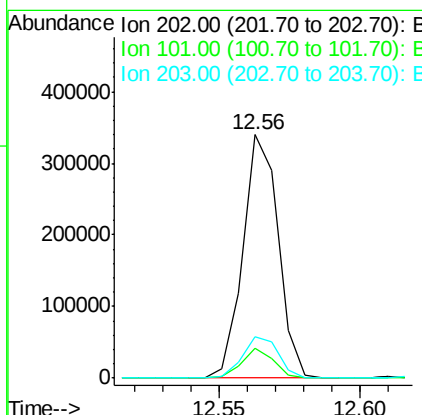
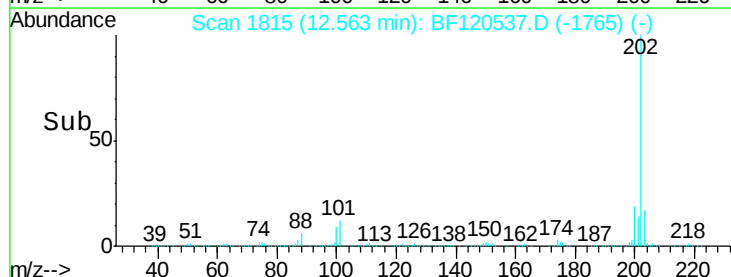
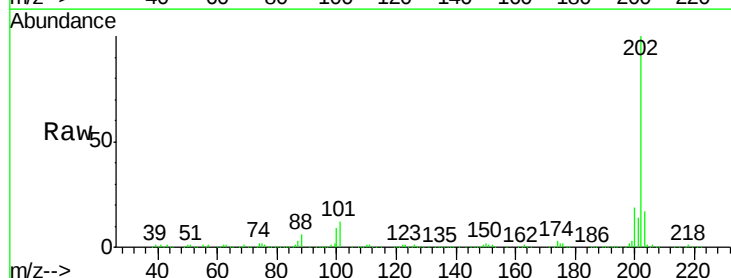
Manual Integrations
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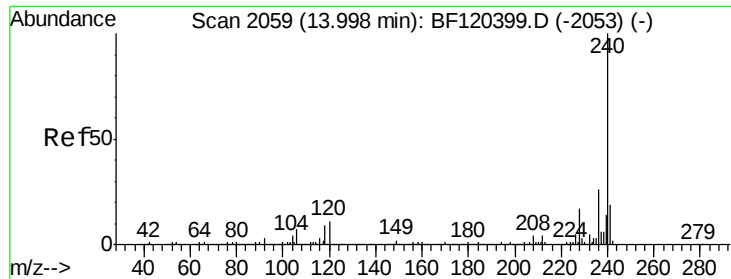
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#75
Fluoranthene
Concen: 10.047 ng
RT: 12.56 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF120537.D
Acq: 4 Jun 2020 16:56

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	31.3
203	17.2	0.0	38.4





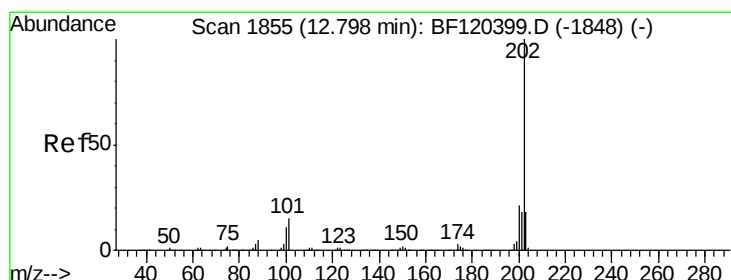
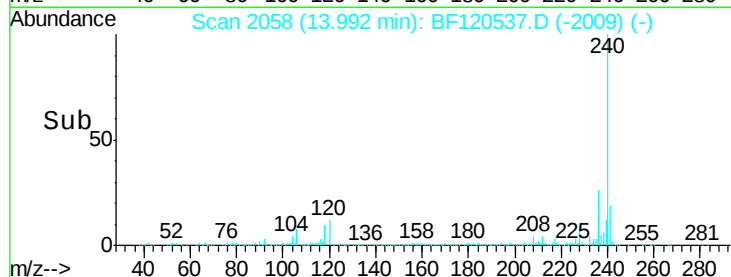
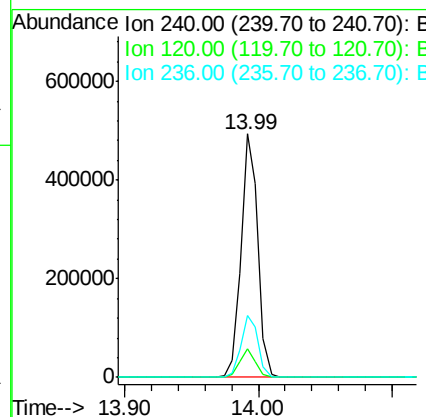
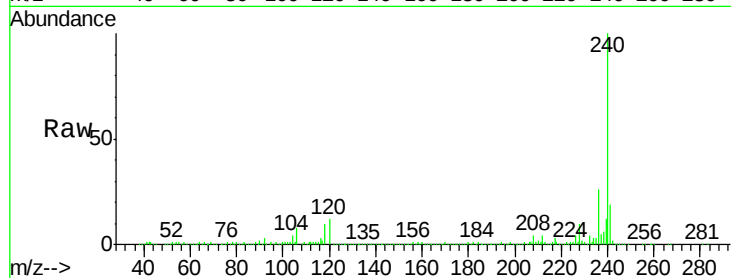
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BF120537.D
Acq: 4 Jun 2020 16:56

Instrument :
BNA_F
ClientSampleId :
NM27-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.8	7.7	11.5#
236	25.6	20.8	31.2

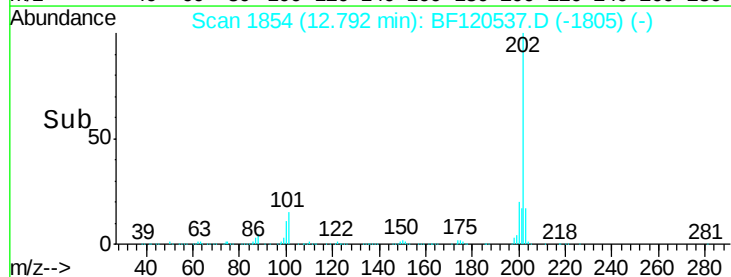
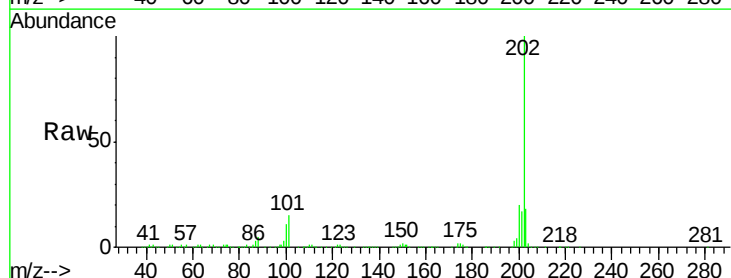
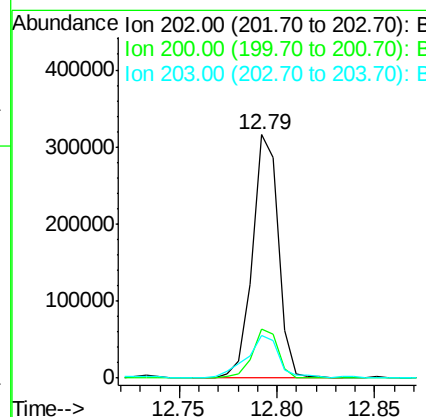
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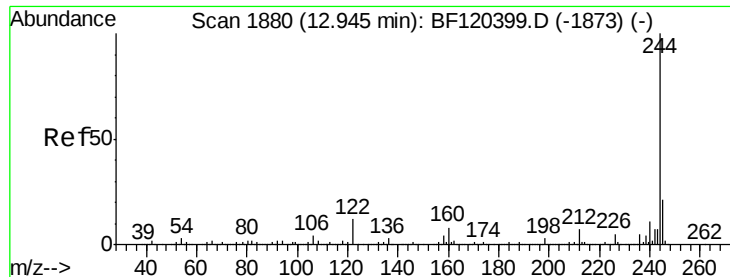
mohammad
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#78
Pyrene
Concen: 9.636 ng
RT: 12.79 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF120537.D
Acq: 4 Jun 2020 16:56

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.0	25.6
203	17.6	14.2	21.2





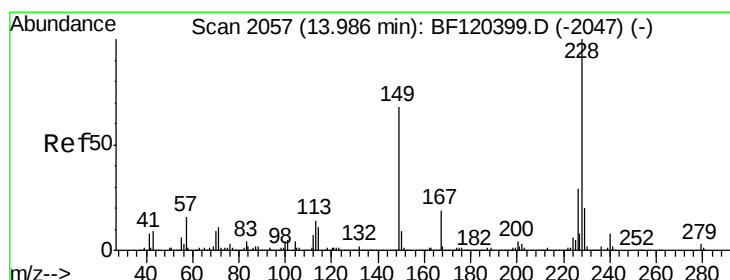
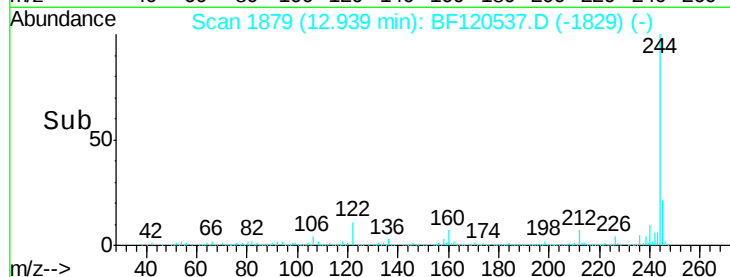
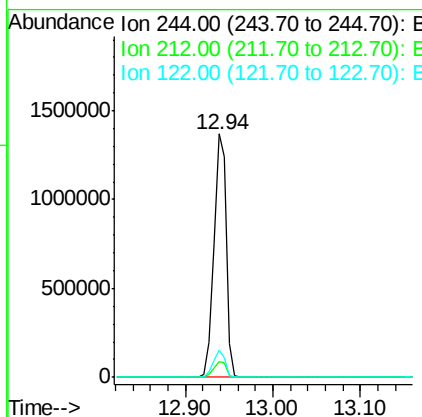
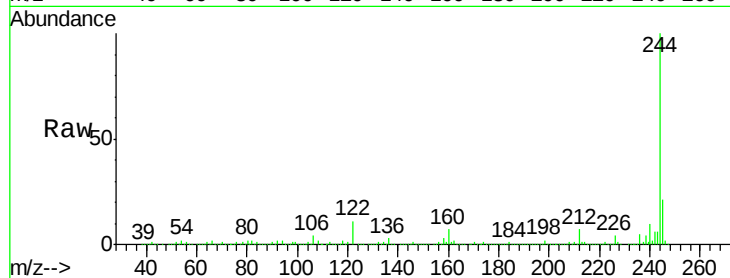
#79
 Terphenyl-d14
 Concen: 68.791 ng
 RT: 12.94 min Scan# 1879
 Delta R.T. -0.01 min
 Lab File: BF120537.D
 Acq: 4 Jun 2020 16:56

Instrument :
 BNA_F
 ClientSampleId :
 NM27-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	11.4	8.0	12.0

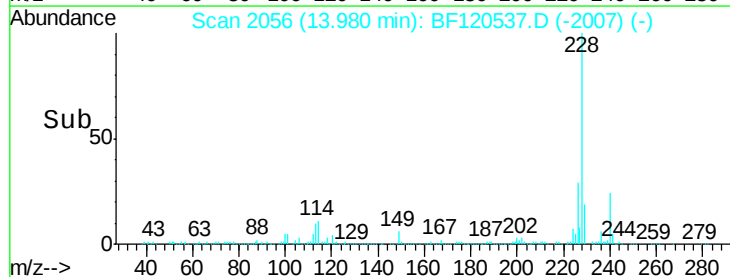
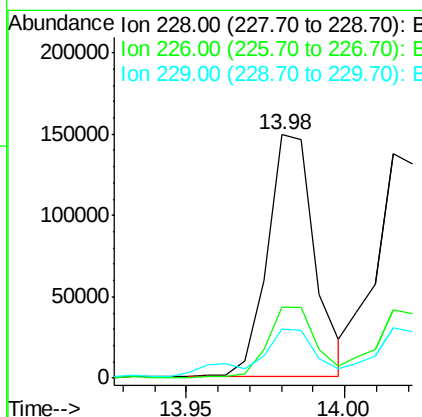
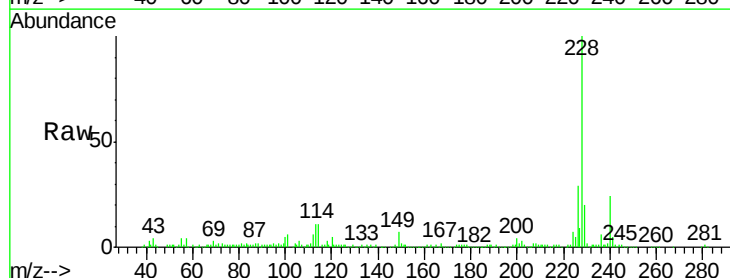
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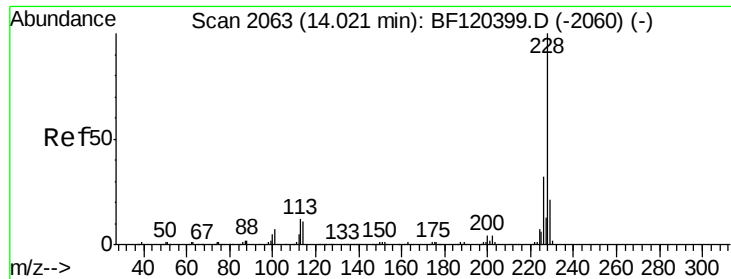
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#81
 Benzo(a)anthracene
 Concen: 6.673 ng
 RT: 13.98 min Scan# 2056
 Delta R.T. -0.01 min
 Lab File: BF120537.D
 Acq: 4 Jun 2020 16:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.4	33.6
229	20.4	16.2	24.2





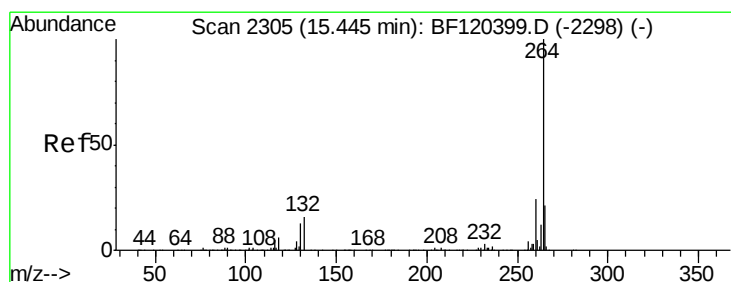
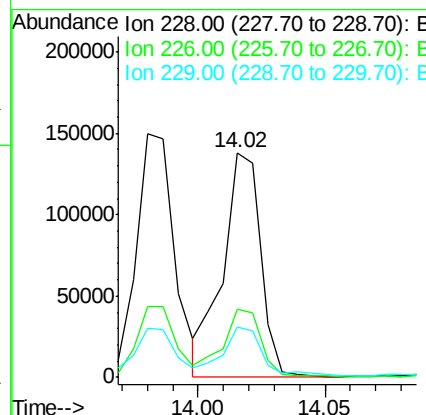
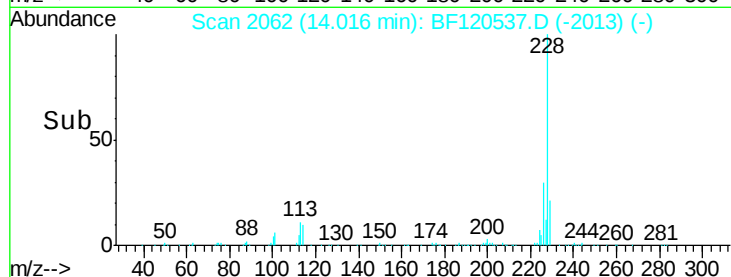
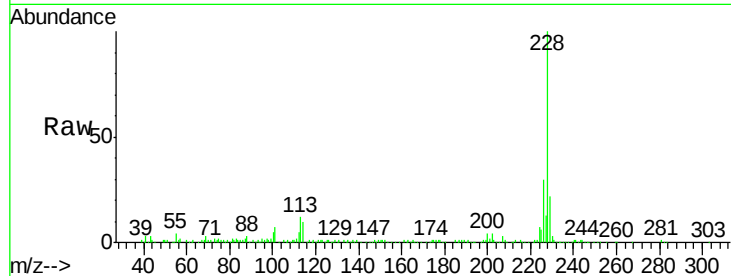
#83
Chrysene
Concen: 5.837 ng
RT: 14.02 min Scan# 2062
Delta R.T. -0.01 min
Lab File: BF120537.D
Acq: 4 Jun 2020 16:56

Instrument :
BNA_F
ClientSampleId :
NM27-COMP-2020-0-6

Tot Ion:	228	Resp:	142147
Ion Ratio	Lower	Upper	
228	100		
226	30.2	25.6	38.4
229	22.3	16.2	24.2

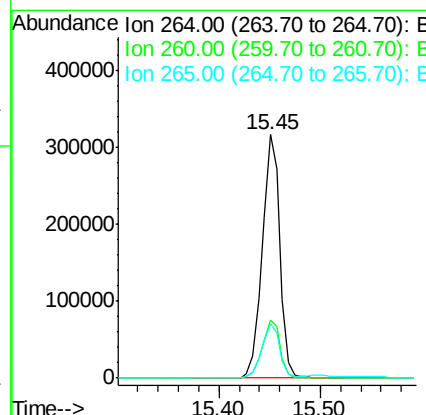
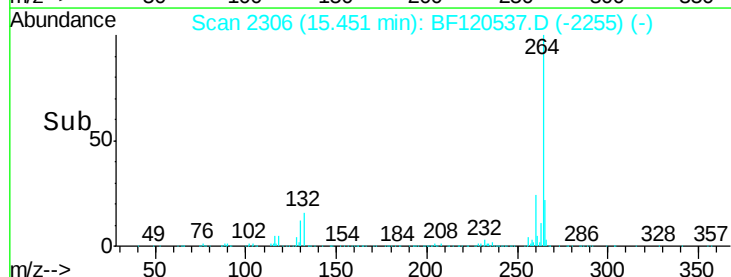
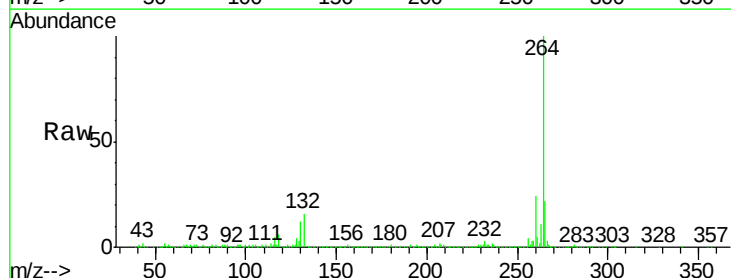
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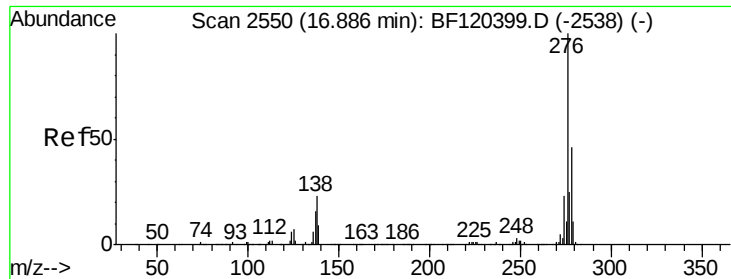
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2306
Delta R.T. 0.00 min
Lab File: BF120537.D
Acq: 4 Jun 2020 16:56

Tgt Ion:	264	Resp:	378895
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.5	29.3
265	22.3	17.5	26.3





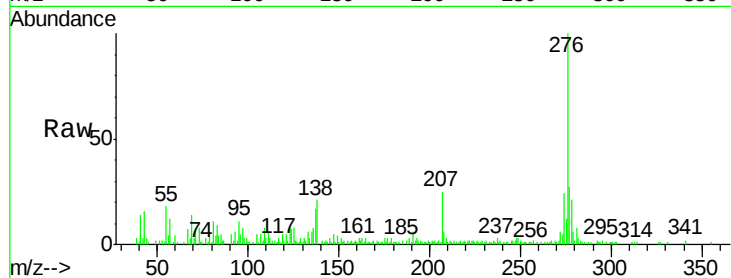
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.299 ng
RT: 16.89 min Scan# 2551
Delta R.T. -0.01 min
Lab File: BF120537.D
Acq: 4 Jun 2020 16:56

Instrument :
BNA_F
ClientSampleId :
NM27-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.7	19.2	28.8
277	25.2	20.3	30.5

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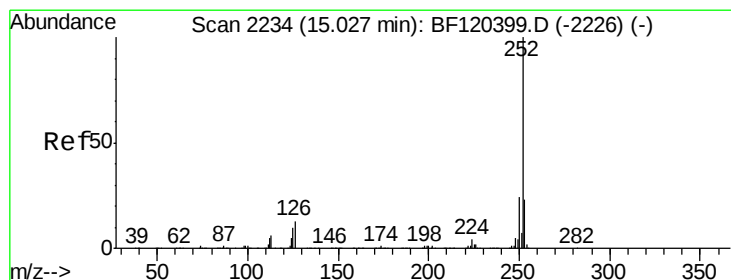
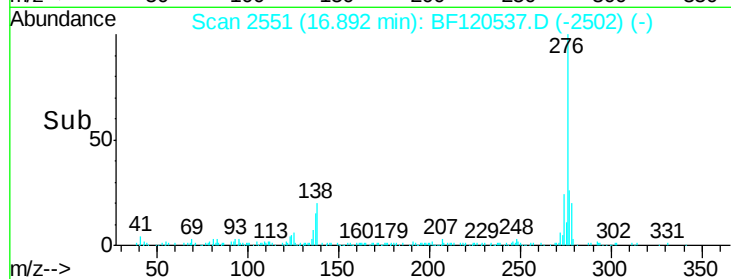
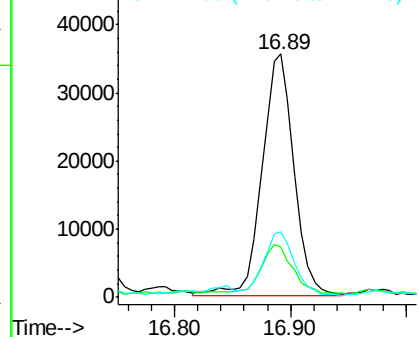


Abundance

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



#88
Benzo(b)fluoranthene
Concen: 9.182 ng m
RT: 15.03 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF120537.D
Acq: 4 Jun 2020 16:56

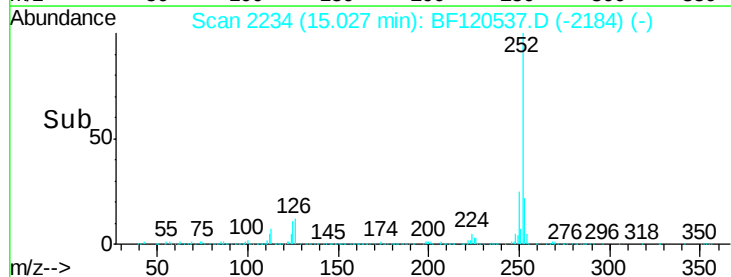
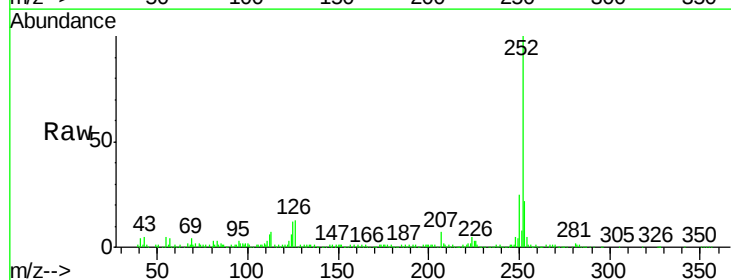
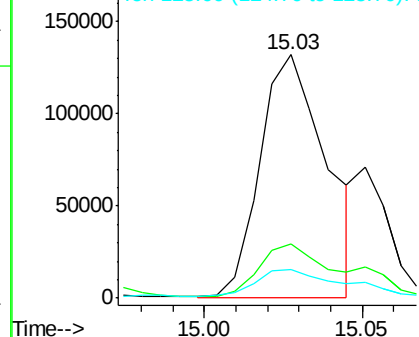
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	11.6	8.3	12.5

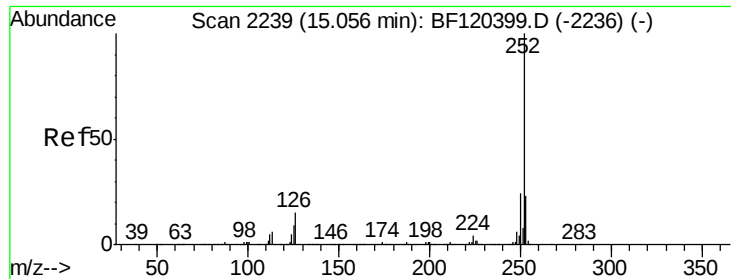
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





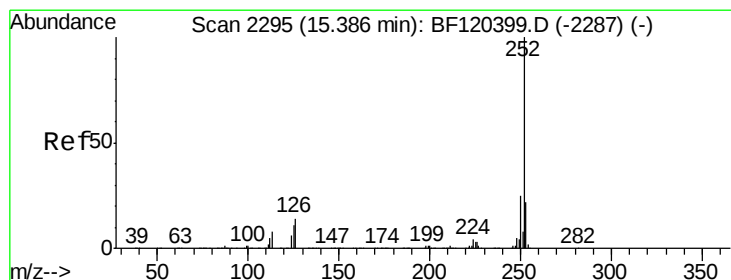
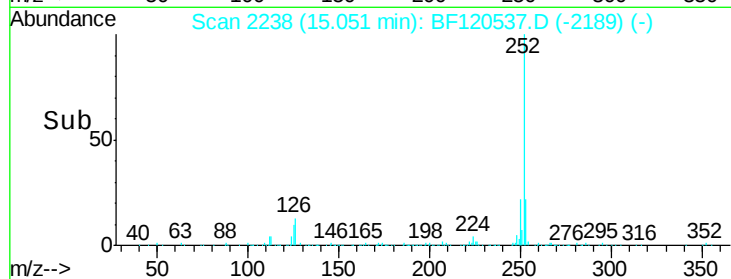
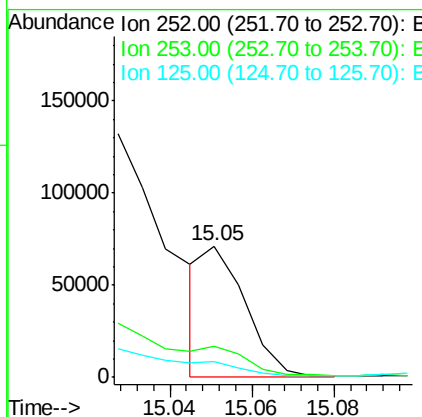
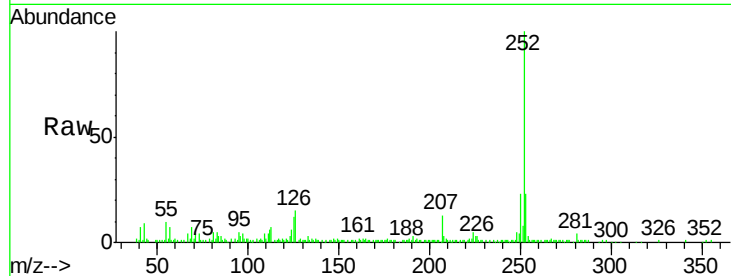
#89
Benzo(k)fluoranthene
Concen: 2.611 ng m
RT: 15.05 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF120537.D
Acq: 4 Jun 2020 16:56

Instrument :
BNA_F
ClientSampleId :
NM27-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.4	27.6
125	11.9	8.6	13.0

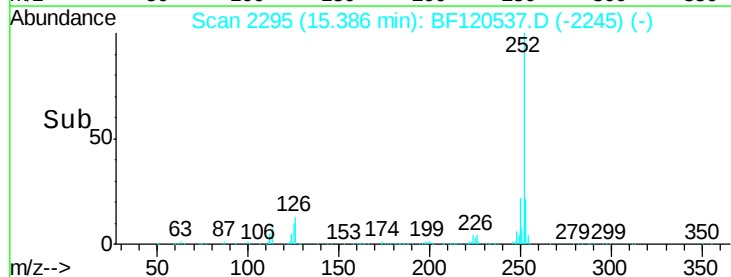
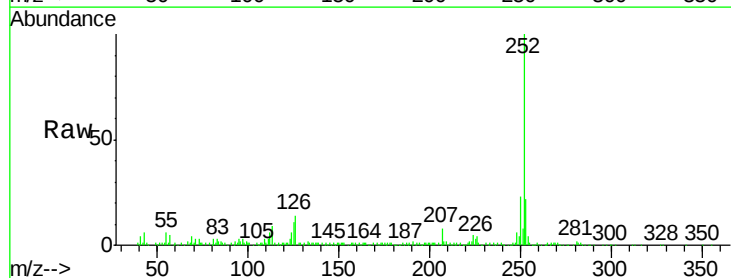
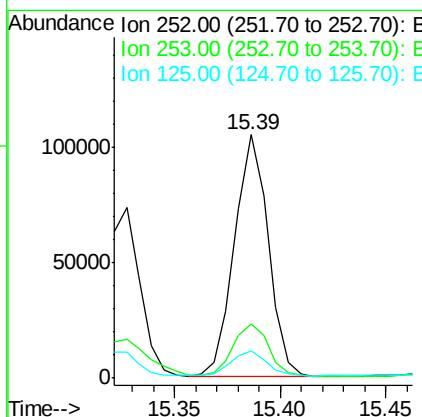
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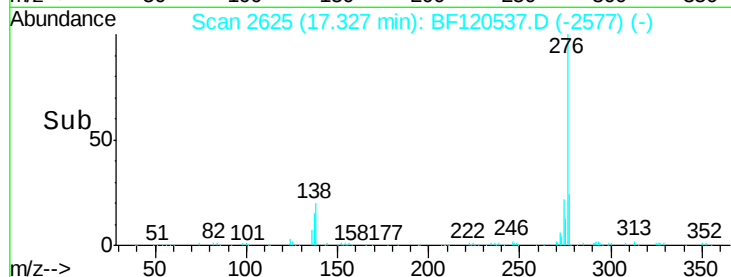
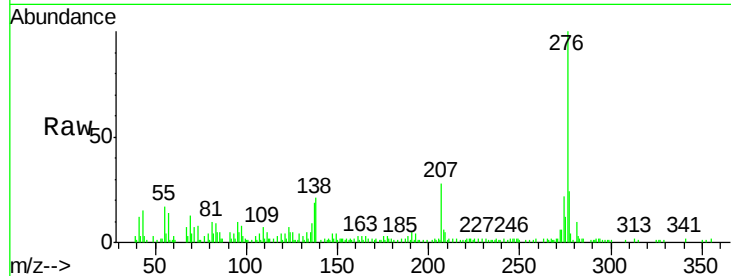
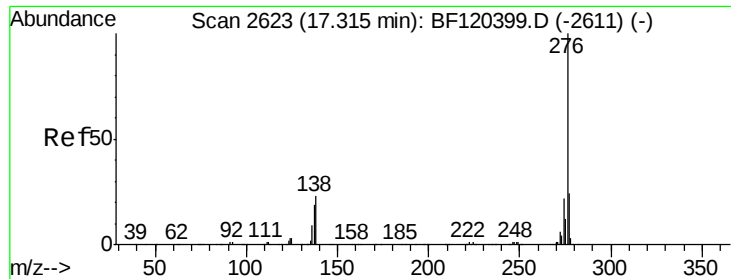
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#90
Benzo(a)pyrene
Concen: 6.372 ng
RT: 15.39 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BF120537.D
Acq: 4 Jun 2020 16:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	11.3	9.6	14.4





#92
 Benzo(a,h,i)perylene
 Concen: 3.839 ng
 RT: 17.33 min Scan# 2625
 Delta R.T. -0.02 min
 Lab File: BF120537.D
 Acq: 4 Jun 2020 16:56

Instrument :
 BNA_F
 ClientSampleId :
 NM27-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.3	28.9
138	21.2	16.9	25.3

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