

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
 Data File : BF120454.D
 Acq On : 29 May 2020 22:07
 Operator : MA/SJ
 Sample : L2773-23
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM89-COMP-2020-0-6

Manual Integrations
 APPROVED

mohammad
 6/1/2020 12:21:41 PM

Quant Time: May 30 04:54:11 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	286177	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1026301	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	473732	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	737150	20.00	ng	0.00
76) Chrysene-d12	13.99	240	563788	20.00	ng	0.00
86) Perylene-d12	15.44	264	572853	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1549569	103.19	ng	0.00
7) Phenol-d6	6.47	99	1941687	104.91	ng	0.00
23) Nitrobenzene-d5	7.40	82	1295539	82.57	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	468354	106.70	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2185440	78.27	ng	0.00
79) Terphenyl-d14	12.95	244	1884127	74.37	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	419533	14.166	ng	99
71) Phenanthrene	11.38	178	86646	2.668	ng	97
75) Fluoranthene	12.57	202	194965	5.578	ng	95
78) Pyrene	12.79	202	179717	4.584	ng	98
81) Benzo(a)anthracene	13.98	228	101300	3.353	ng	95
83) Chrysene	14.02	228	99223	3.132	ng	95
88) Benzo(b)fluoranthene	15.02	252	134815m	4.237	ng	
90) Benzo(a)pyrene	15.38	252	92567	3.326	ng	98
92) Benzo(g,h,i)perylene	17.31	276	56750	2.253	ng	97

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

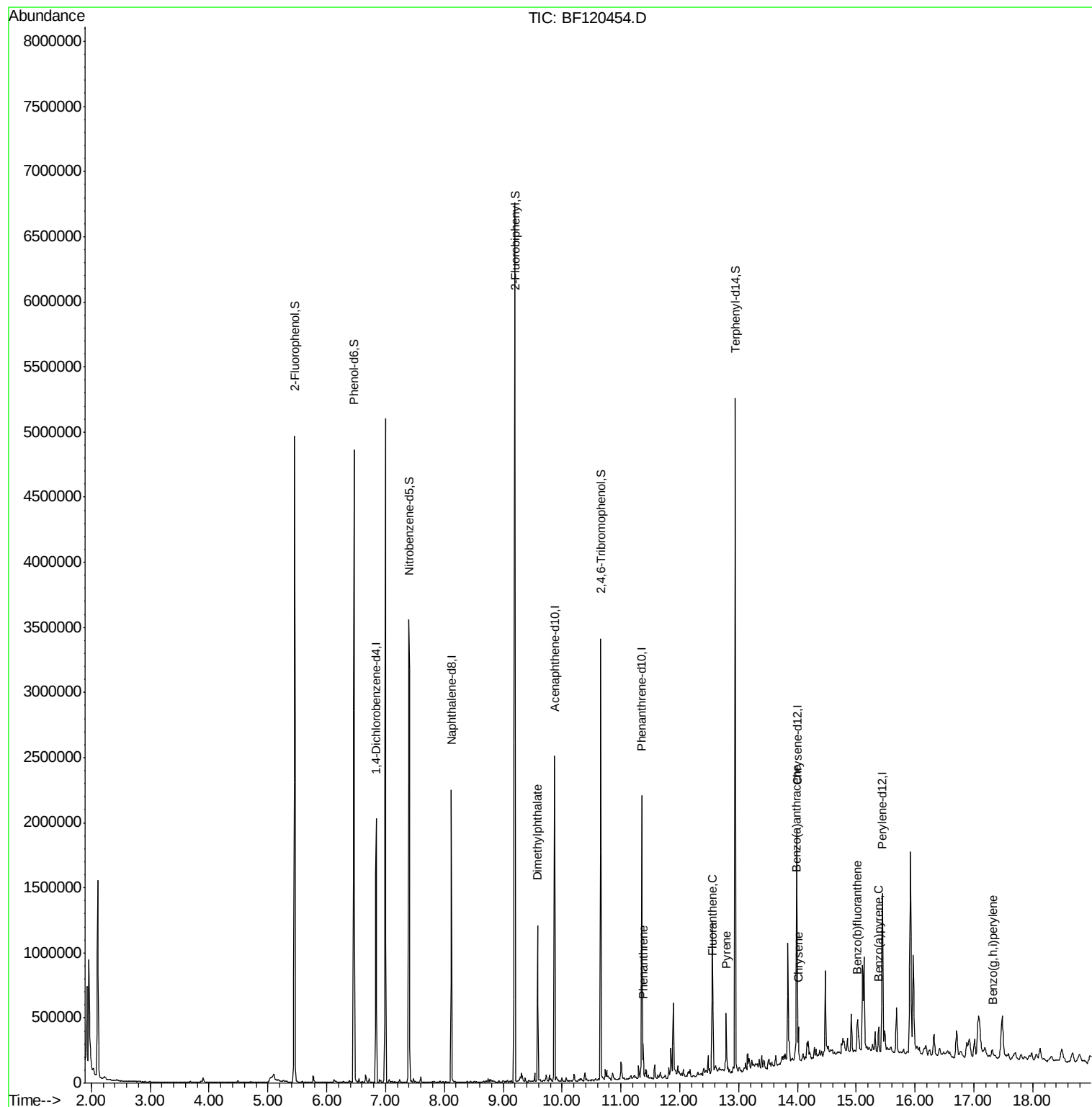
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120454.D
Acq On : 29 May 2020 22:07
Operator : MA/SJ
Sample : L2773-23
Misc :
ALS Vial : 23 Sample Multiplier: 1

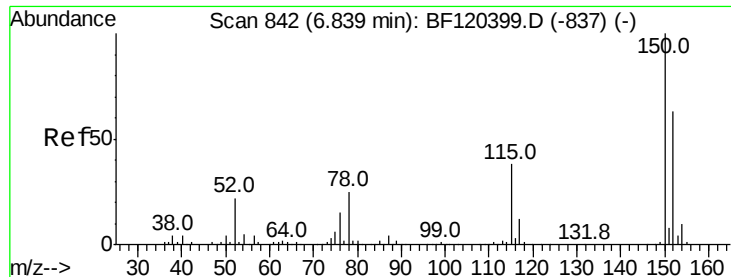
Instrument :
BNA_F
ClientSampleId :
NM89-COMP-2020-0-6

Manual Integrations
APPROVED

mohammad
6/1/2020 12:21:41 PM

Quant Time: May 30 04:54:11 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





#1

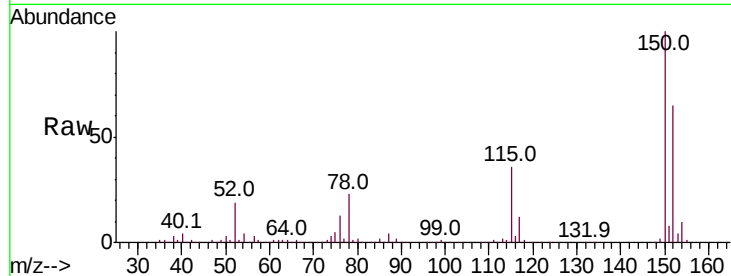
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF120454.D
 Acq: 29 May 2020 22:07

Instrument :
 BNA_F
 ClientSampleId :
 NM89-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	126.5	189.7
115	55.9	47.6	71.4

Manual Integrations
 APPROVED

mohammad
 6/1/2020 12:21:41 PM

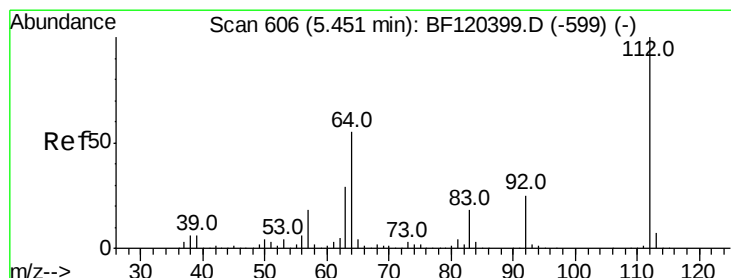
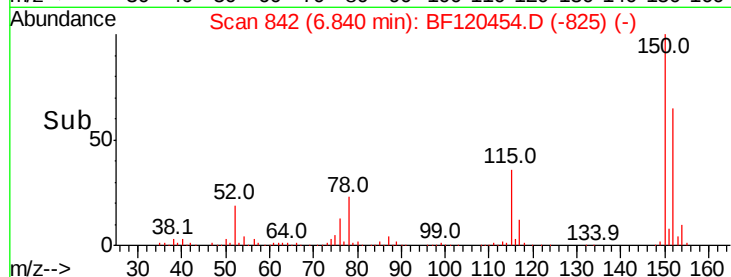
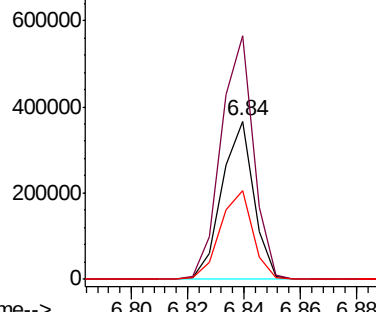


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

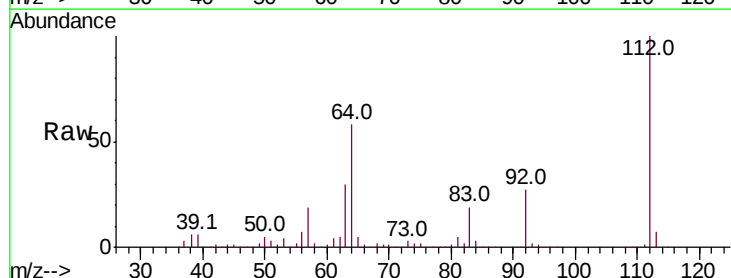
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 103.191 ng
 RT: 5.46 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: BF120454.D
 Acq: 29 May 2020 22:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	44.3	66.5
63	30.4	22.9	34.3

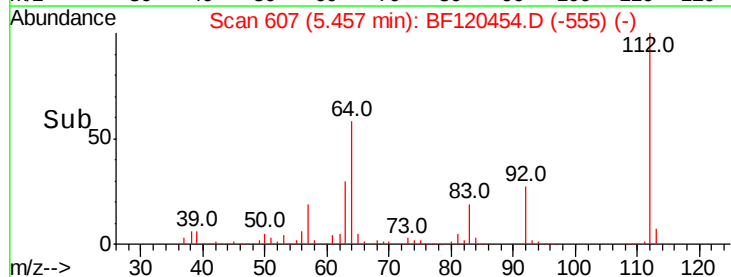
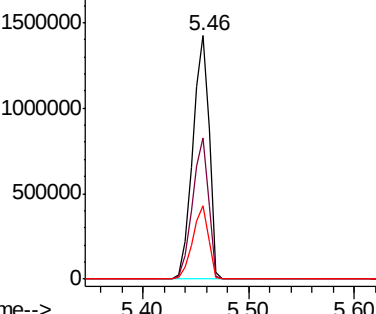


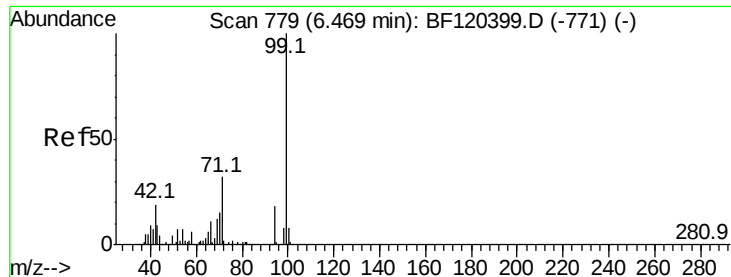
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 104.905 ng

RT: 6.47 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF120454.D

Acq: 29 May 2020 22:07

Instrument :

BNA_F

ClientSampleId :

NM89-COMP-2020-0-6

Tot Ion: 99 Resp: 1941687

Ion Ratio Lower Upper

99 100

42 19.3 15.2 22.8

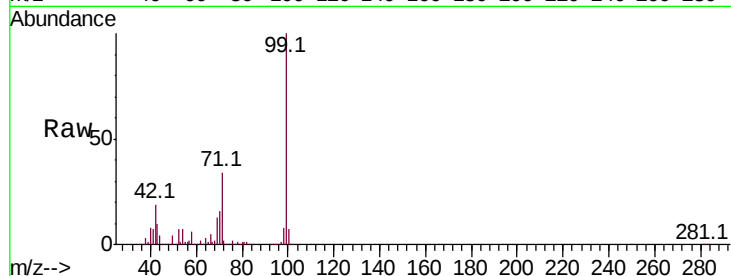
71 33.6 25.6 38.4

Manual Integrations

APPROVED

mohammad

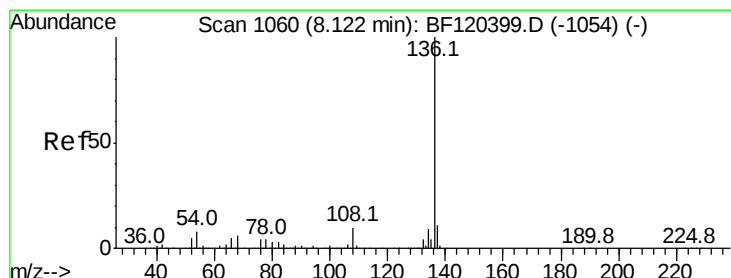
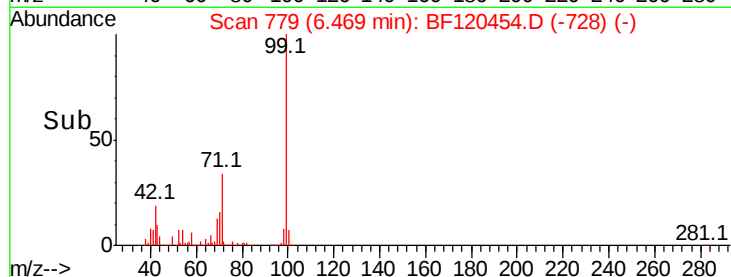
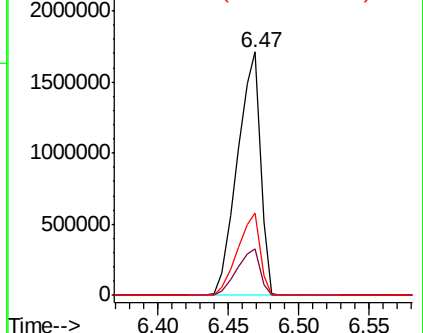
6/1/2020 12:21:41 PM



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: 8.12 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BF120454.D

Acq: 29 May 2020 22:07

Tgt Ion: 136 Resp: 1026301

Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 7.1 6.7 10.1

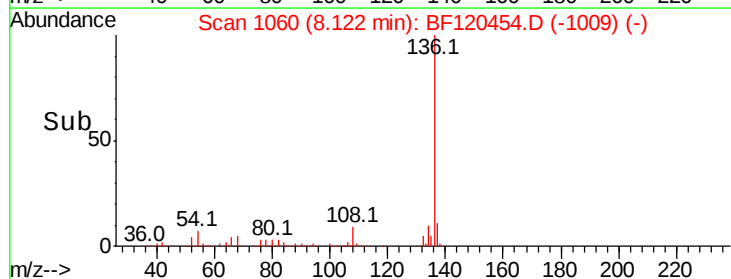
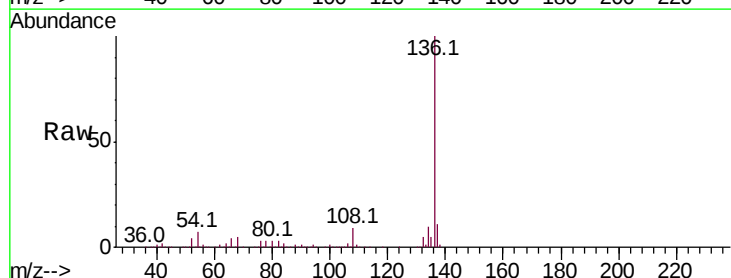
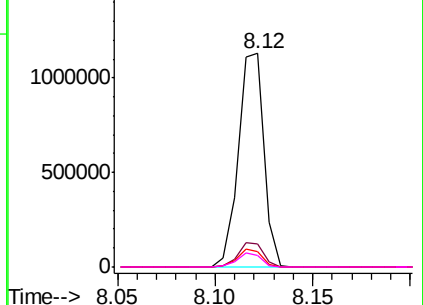
68 5.5 5.0 7.4

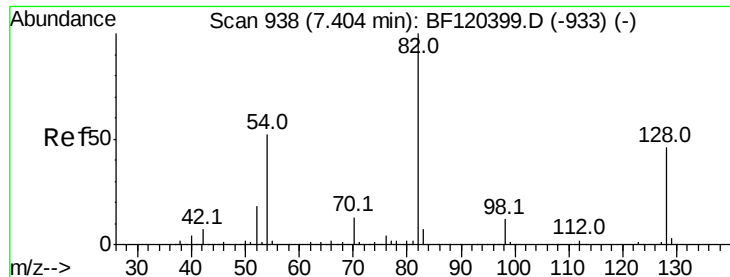
Abundance Ion 136.00 (135.70 to 136.70): E

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





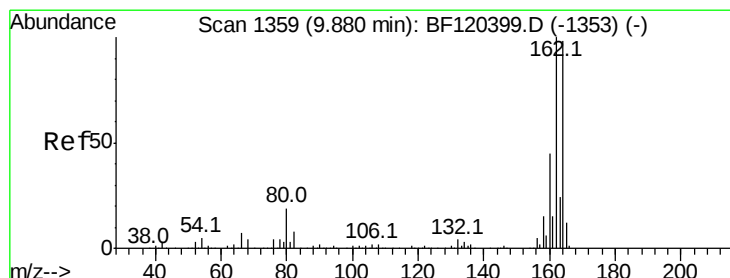
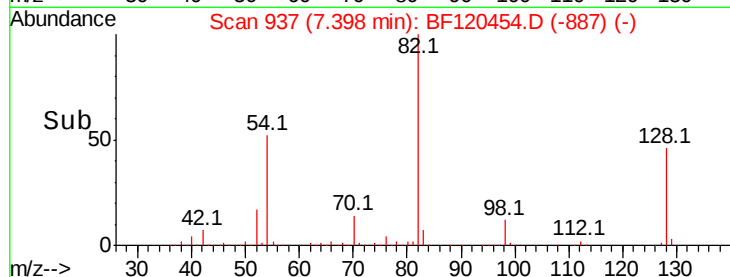
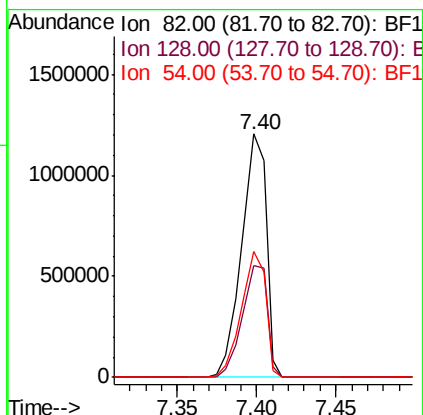
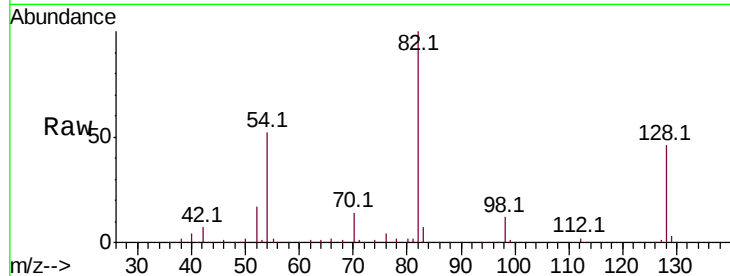
#23
 Nitrobenzene-d5
 Concen: 82.573 ng
 RT: 7.40 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF120454.D
 Acq: 29 May 2020 22:07

Instrument :
 BNA_F
 ClientSampleId :
 NM89-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.8	55.2
54	51.8	41.6	62.4

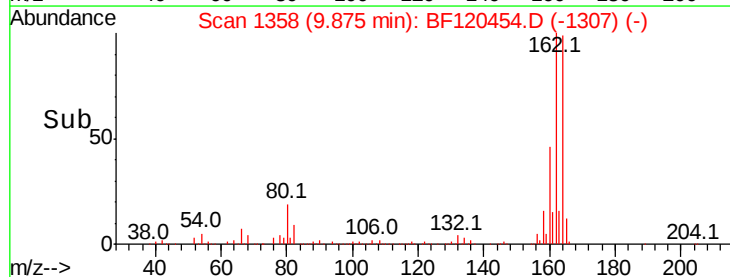
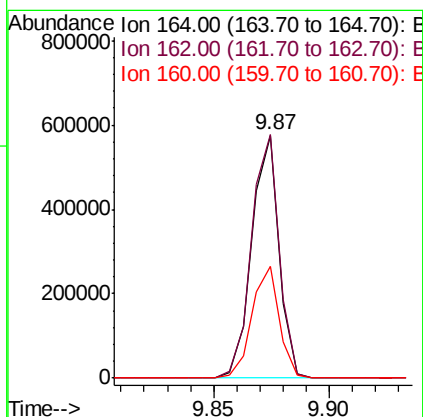
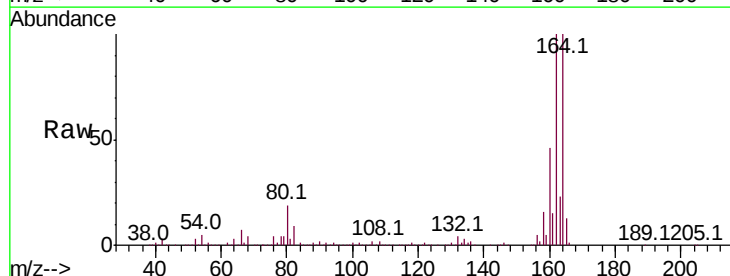
Manual Integrations
 APPROVED

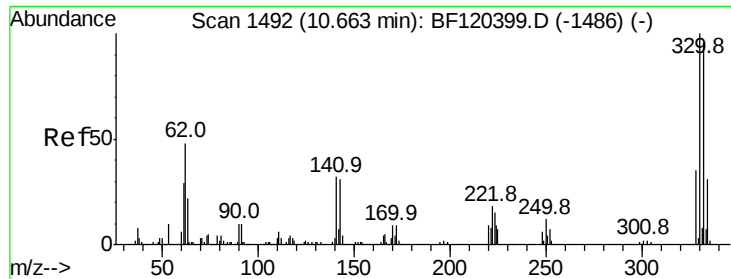
mohammad
 6/1/2020 12:21:41 PM



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1358
 Delta R.T. 0.00 min
 Lab File: BF120454.D
 Acq: 29 May 2020 22:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.3	121.9
160	46.3	36.9	55.3





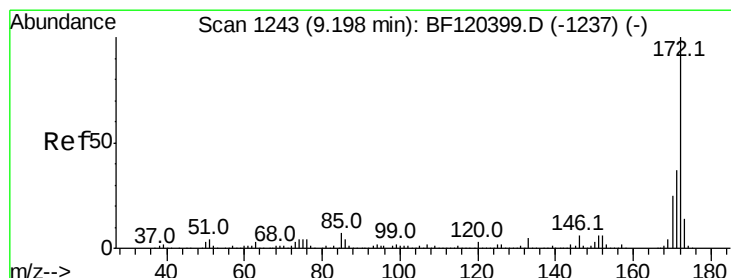
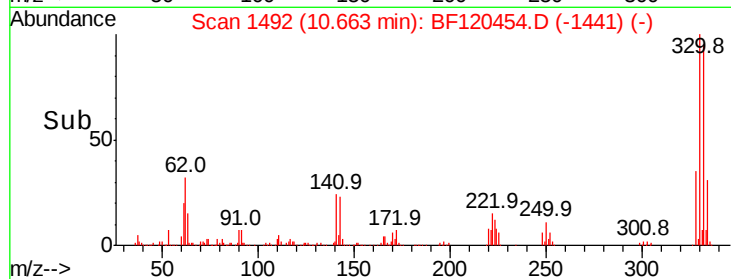
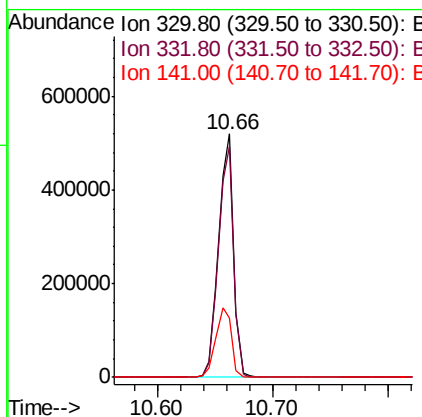
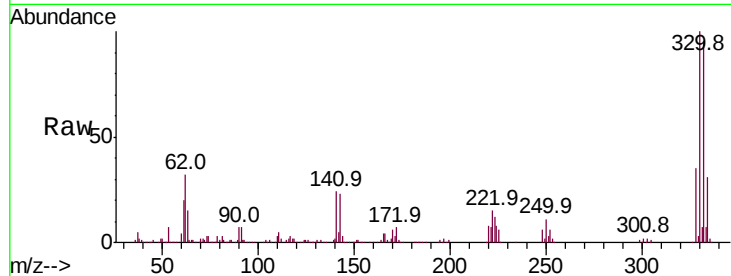
#42
 2,4,6-Tribromophenol
 Concen: 106.703 ng
 RT: 10.66 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: BF120454.D
 Acq: 29 May 2020 22:07

Instrument :
 BNA_F
 ClientSampleId :
 NM89-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
330	100	468354		
332	96.1	77.0	115.6	
141	30.0	25.3	37.9	

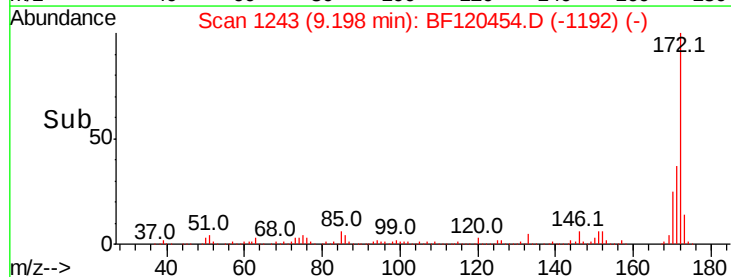
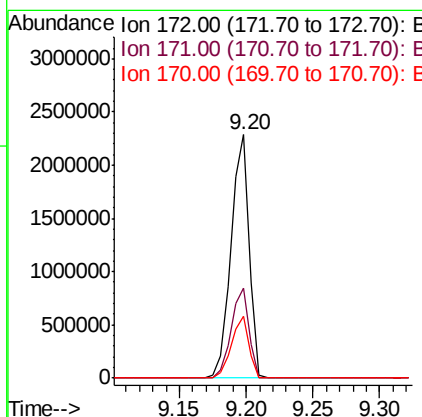
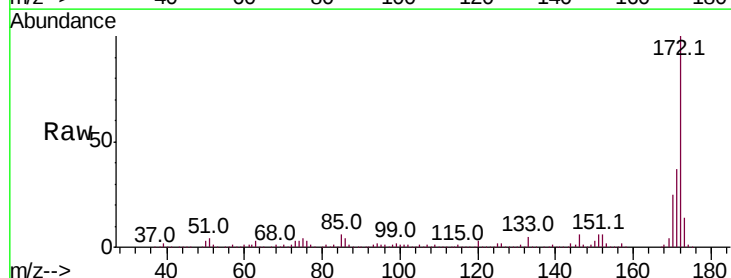
Manual Integrations
 APPROVED

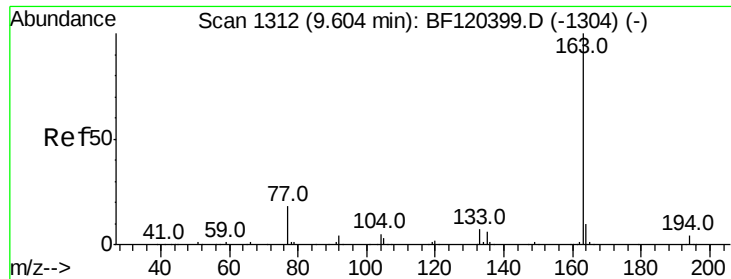
mohammad
 6/1/2020 12:21:41 PM



#45
 2-Fluorobiphenyl
 Concen: 78.273 ng
 RT: 9.20 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF120454.D
 Acq: 29 May 2020 22:07

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2185440		
171	37.1	29.7	44.5	
170	25.2	19.9	29.9	





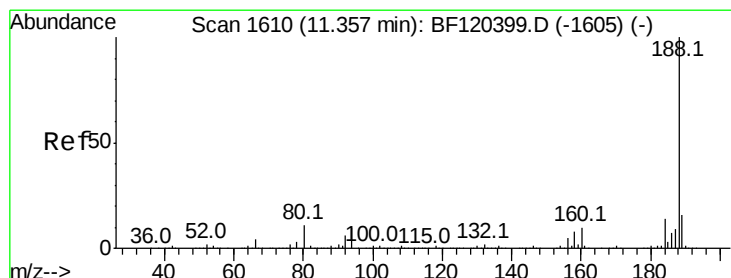
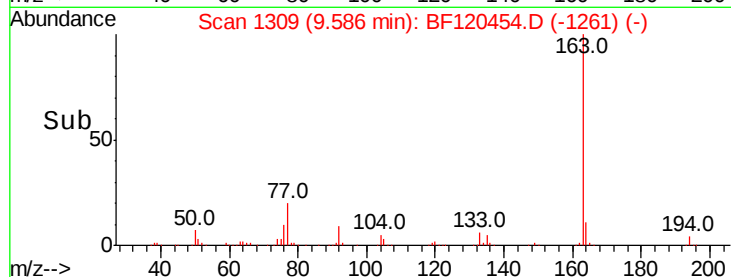
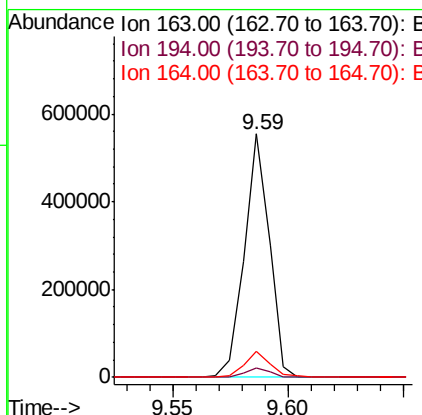
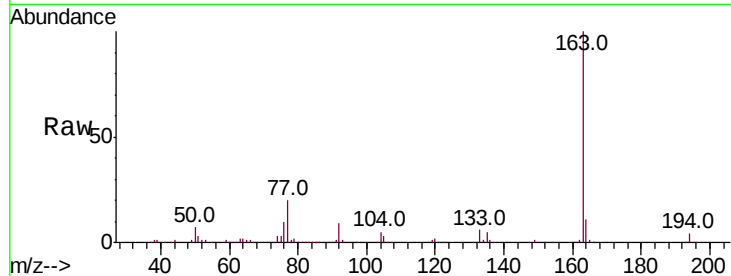
#50
 Dimethylphthalate
 Concen: 14.166 ng
 RT: 9.59 min Scan# 1309
 Delta R.T. -0.02 min
 Lab File: BF120454.D
 Acq: 29 May 2020 22:07

Instrument :
 BNA_F
 ClientSampleId :
 NM89-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
163	100	419533		
194	3.7		3.3	4.9
164	10.6		8.3	12.5

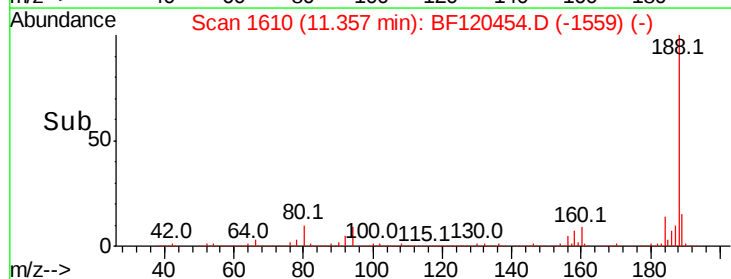
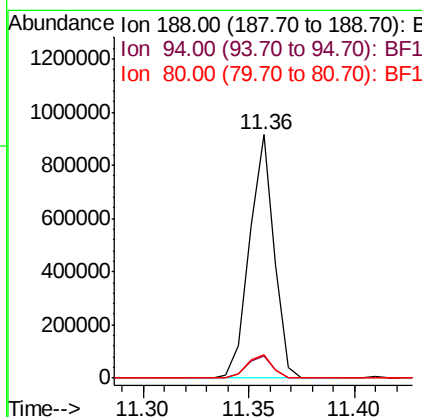
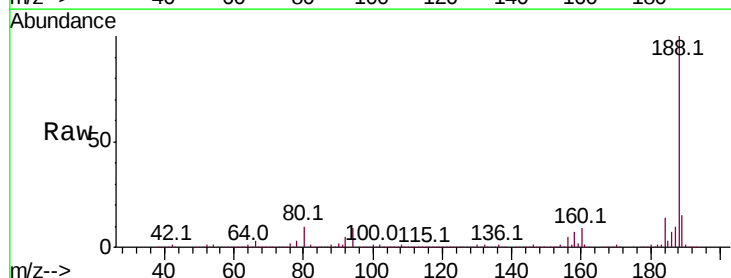
Manual Integrations
 APPROVED

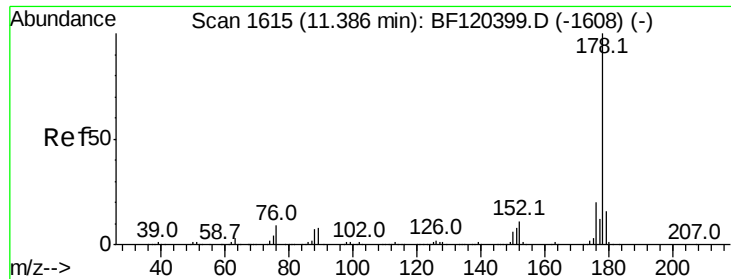
mohammad
 6/1/2020 12:21:41 PM



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BF120454.D
 Acq: 29 May 2020 22:07

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	737150		
94	8.9		7.9	11.9
80	9.6		8.6	13.0





#71

Phenanthrene

Concen: 2.668 ng

RT: 11.38 min Scan# 1614

Delta R.T. -0.01 min

Lab File: BF120454.D

Acq: 29 May 2020 22:07

Instrument :

BNA_F

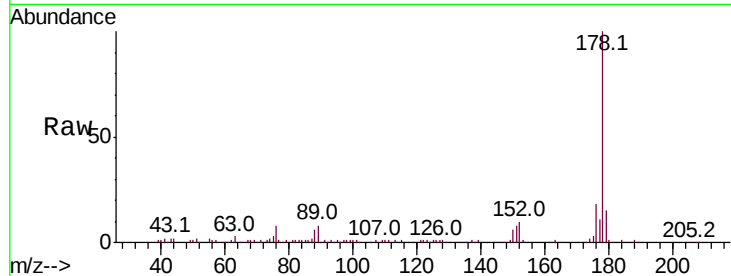
ClientSampleId :

NM89-COMP-2020-0-6

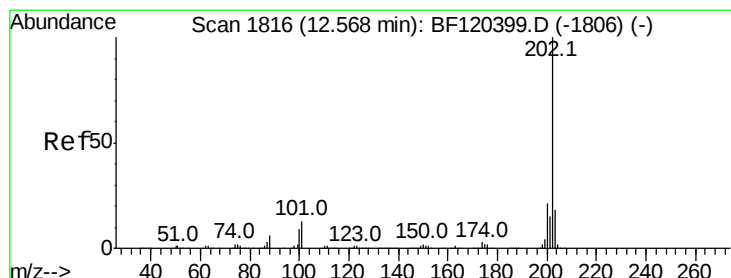
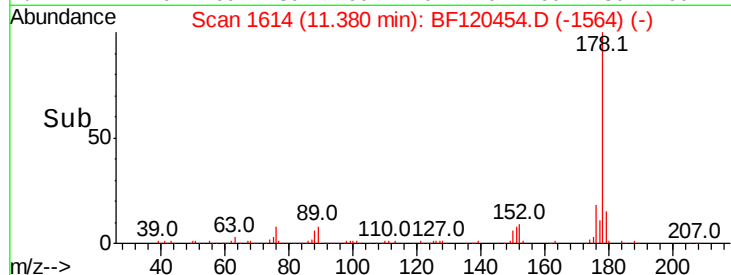
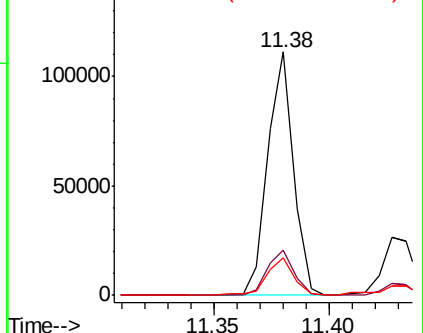
Tot Ion:	178	Resp:	86646
Ion Ratio	Lower	Upper	
178	100		
176	18.5	16.4	24.6
179	15.2	13.0	19.4

Manual Integrations
APPROVED

mohammad
6/1/2020 12:21:41 PM



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



#75

Fluoranthene

Concen: 5.578 ng

RT: 12.57 min Scan# 1816

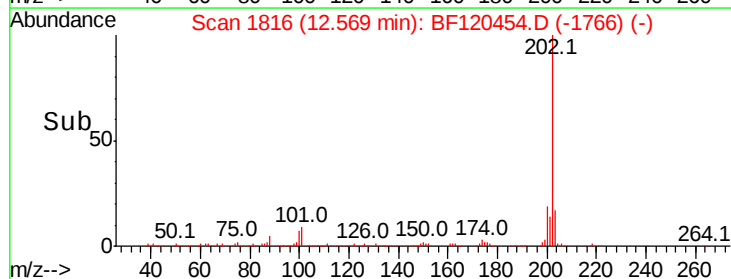
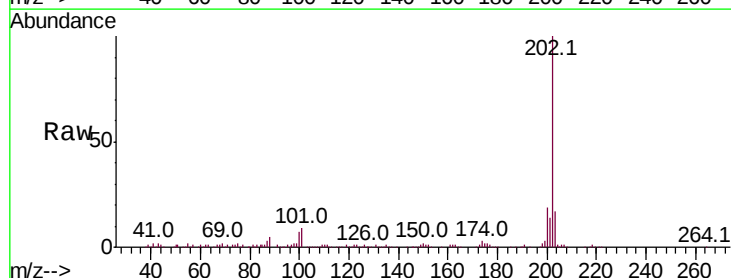
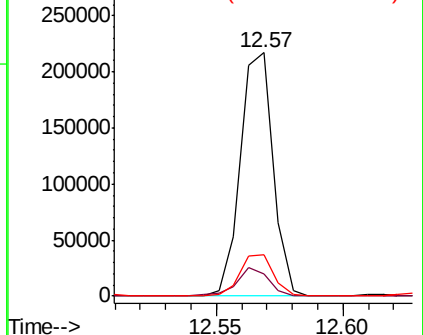
Delta R.T. -0.01 min

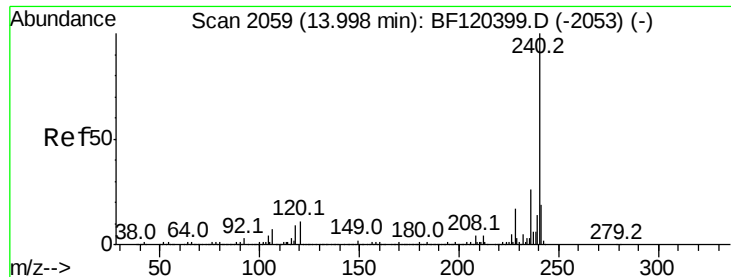
Lab File: BF120454.D

Acq: 29 May 2020 22:07

Tgt Ion:	202	Resp:	194965
Ion Ratio	Lower	Upper	
202	100		
101	9.4	0.0	32.6
203	17.0	0.0	38.4

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





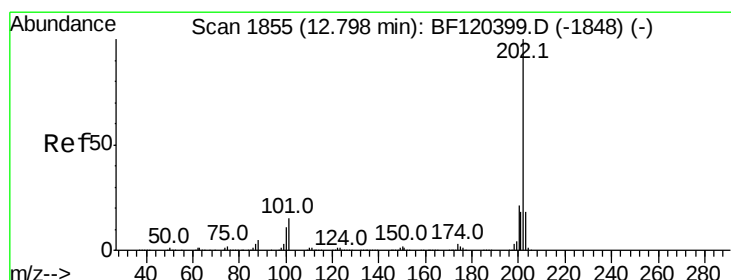
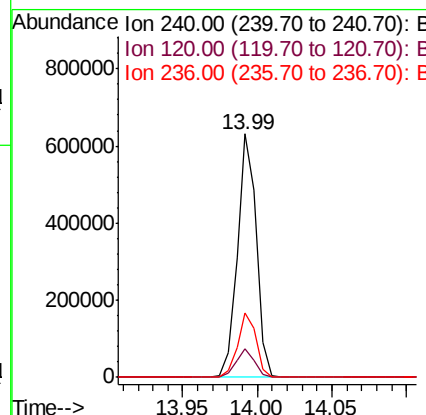
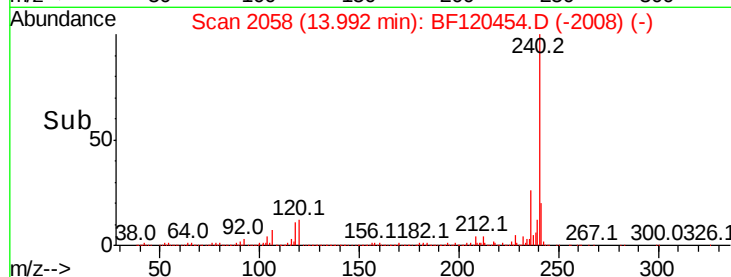
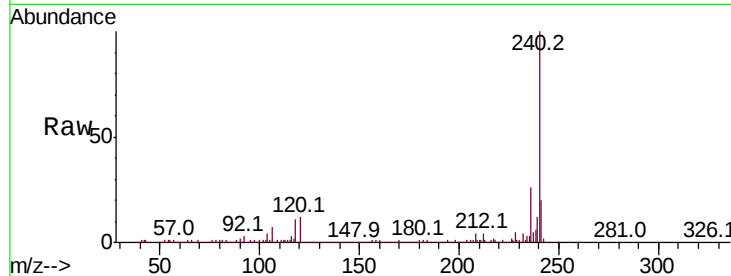
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BF120454.D
Acq: 29 May 2020 22:07

Instrument :
BNA_F
ClientSampleId :
NM89-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.8	13.2
236	26.4	21.0	31.4

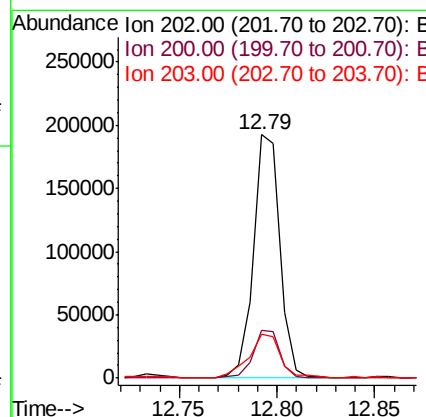
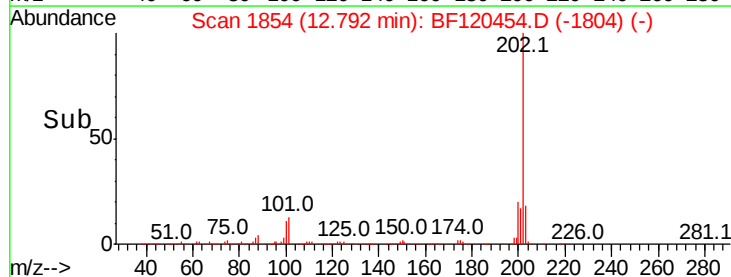
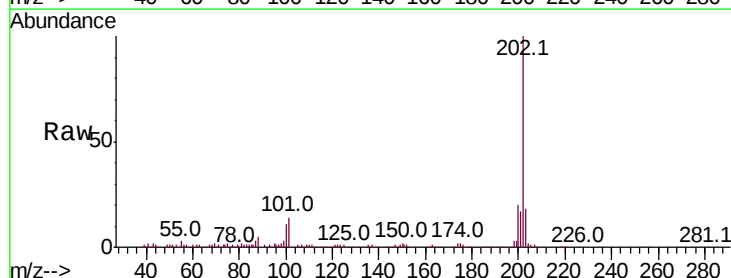
Manual Integrations
APPROVED

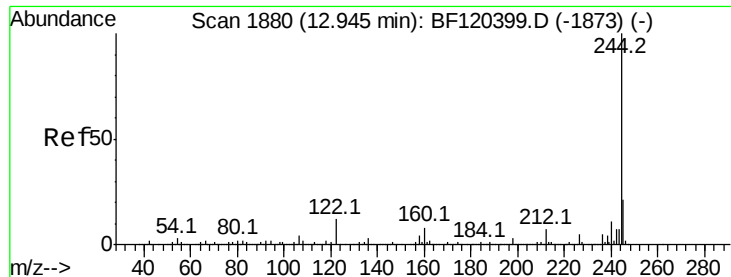
mohammad
6/1/2020 12:21:41 PM



#78
Pyrene
Concen: 4.584 ng
RT: 12.79 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF120454.D
Acq: 29 May 2020 22:07

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.0	25.4
203	18.1	14.7	22.1





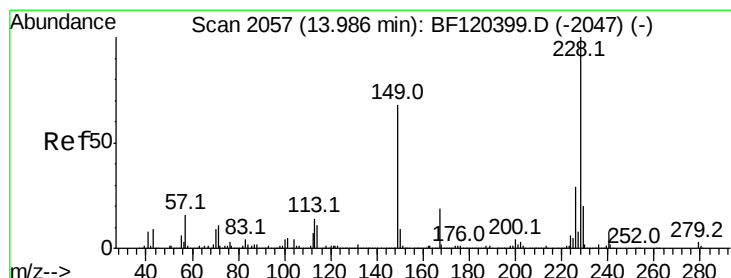
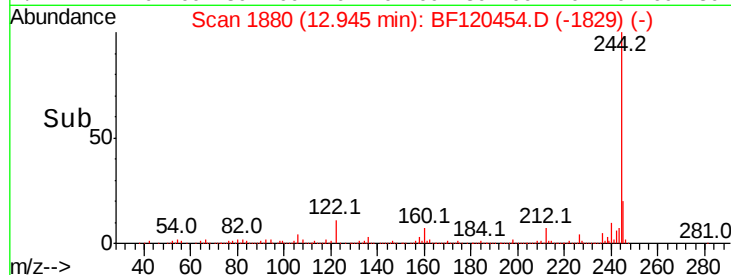
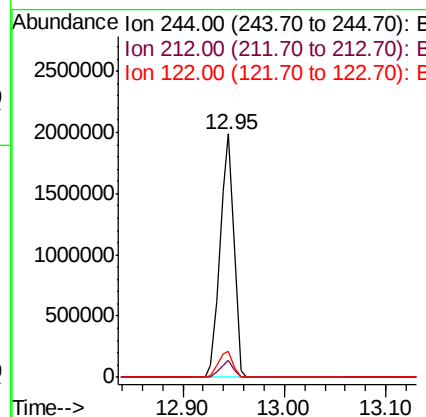
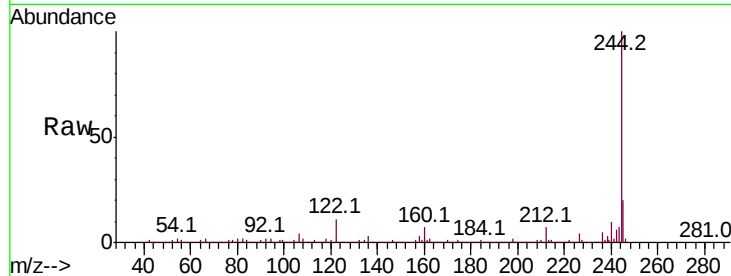
#79
 Terphenyl-d14
 Concen: 74.365 ng
 RT: 12.95 min Scan# 1880
 Delta R.T. 0.00 min
 Lab File: BF120454.D
 Acq: 29 May 2020 22:07

Instrument :
 BNA_F
 ClientSampleId :
 NM89-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.9	8.9
122	10.8	9.2	13.8

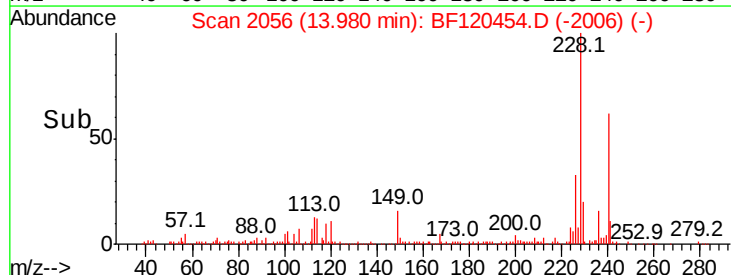
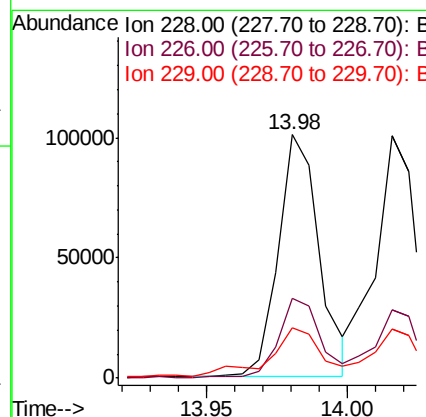
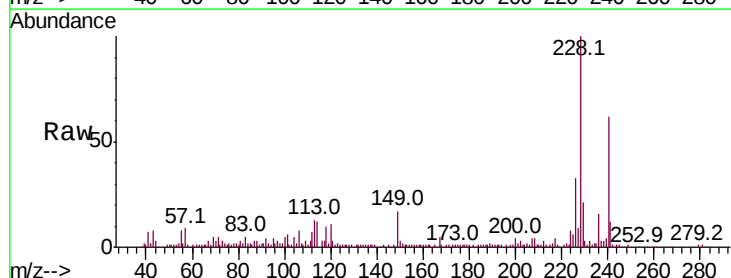
Manual Integrations
 APPROVED

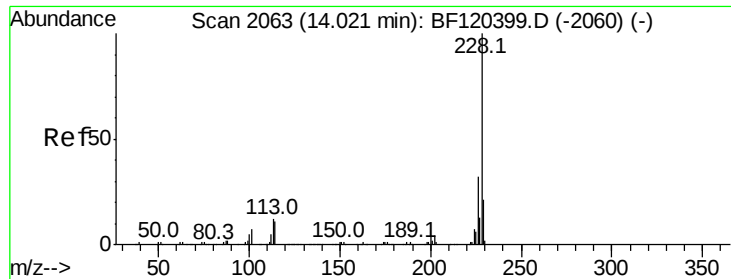
mohammad
 6/1/2020 12:21:41 PM



#81
 Benzo(a)anthracene
 Concen: 3.353 ng
 RT: 13.98 min Scan# 2056
 Delta R.T. -0.01 min
 Lab File: BF120454.D
 Acq: 29 May 2020 22:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.0	23.0	34.4
229	20.6	16.2	24.4





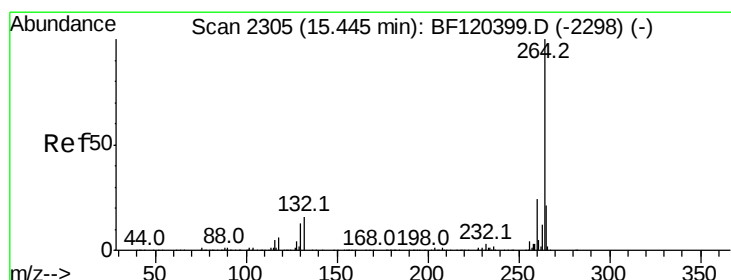
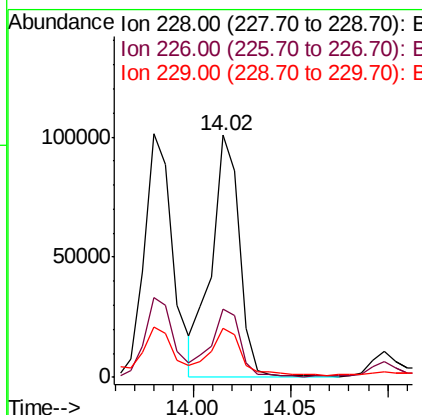
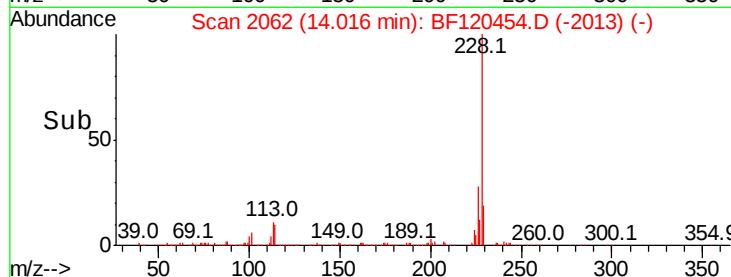
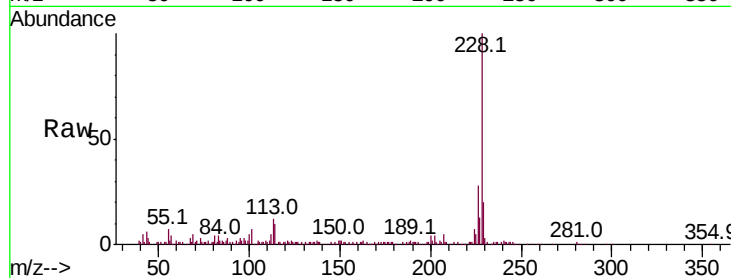
#83
Chrysene
Concen: 3.132 ng
RT: 14.02 min Scan# 2062
Delta R.T. -0.01 min
Lab File: BF120454.D
Acq: 29 May 2020 22:07

Instrument :
BNA_F
ClientSampleId :
NM89-COMP-2020-0-6

Tot Ion:	228	Resp:	99223
Ion Ratio	Lower	Upper	
228	100		
226	28.3	25.6	38.4
229	20.1	16.6	25.0

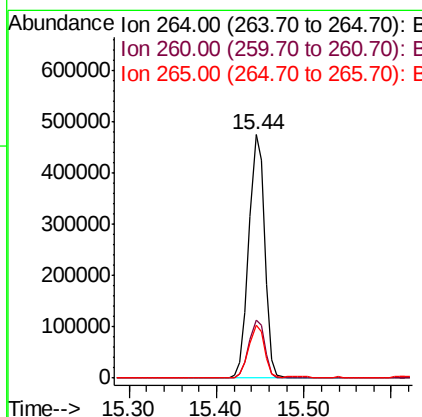
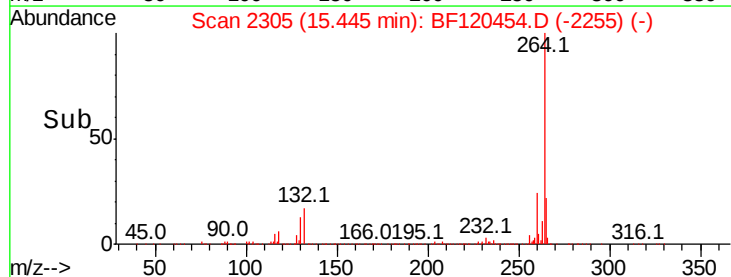
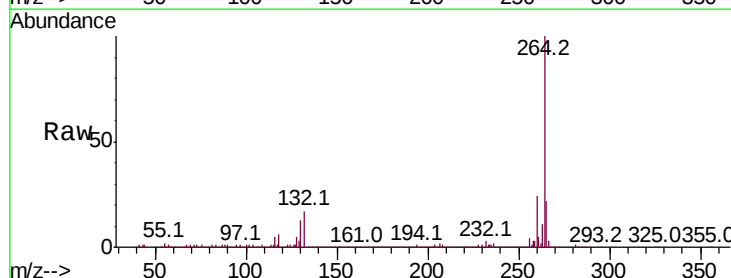
Manual Integrations
APPROVED

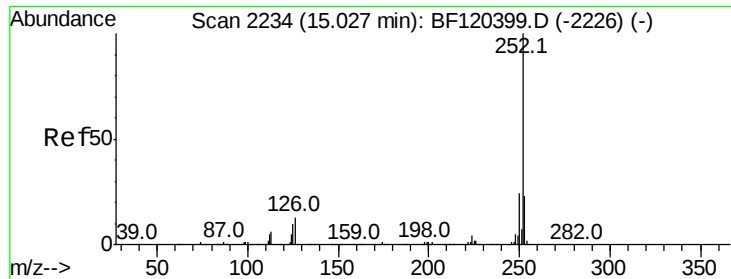
mohammad
6/1/2020 12:21:41 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BF120454.D
Acq: 29 May 2020 22:07

Tgt Ion:	264	Resp:	572853
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.2	28.8
265	22.0	16.9	25.3





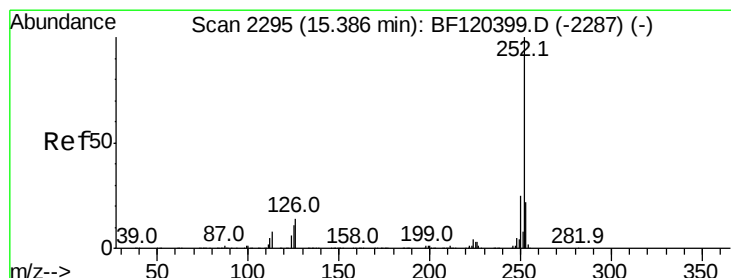
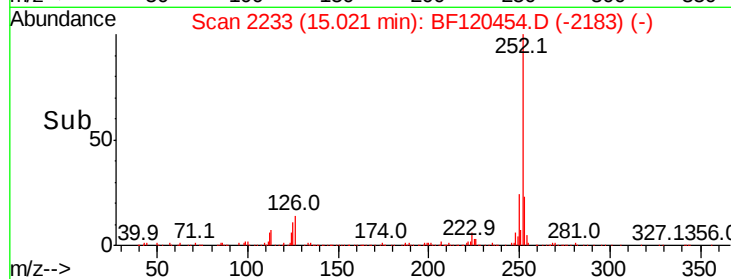
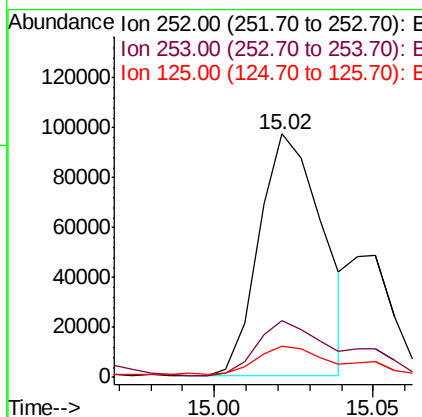
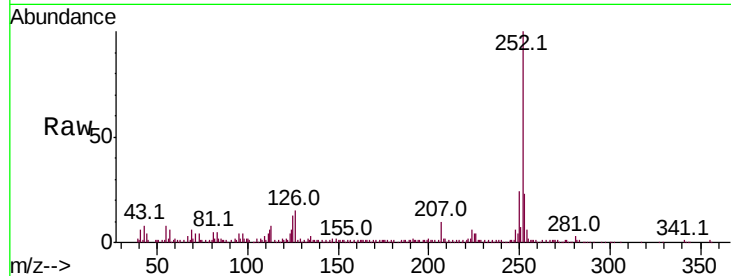
#88
Benzo(b)fluoranthene
Concen: 4.237 ng m
RT: 15.02 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF120454.D
Acq: 29 May 2020 22:07

Instrument :
BNA_F
ClientSampleId :
NM89-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.1	27.1
125	12.7	7.8	11.8

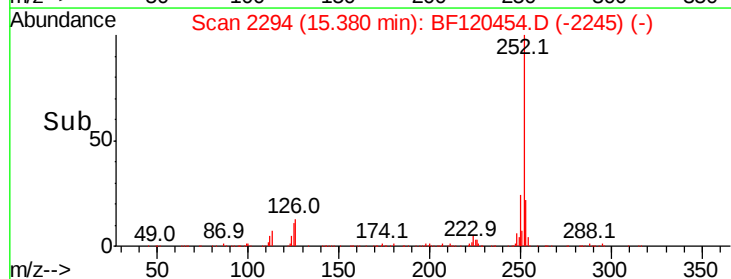
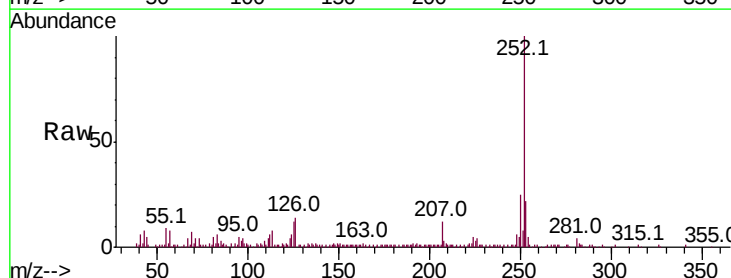
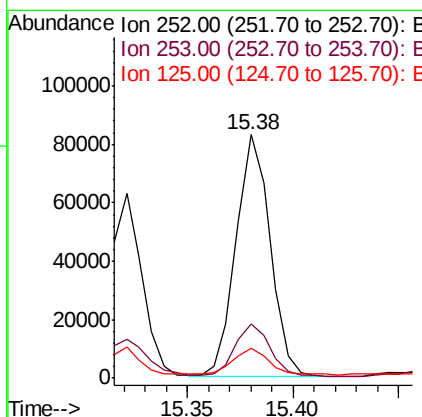
Manual Integrations
APPROVED

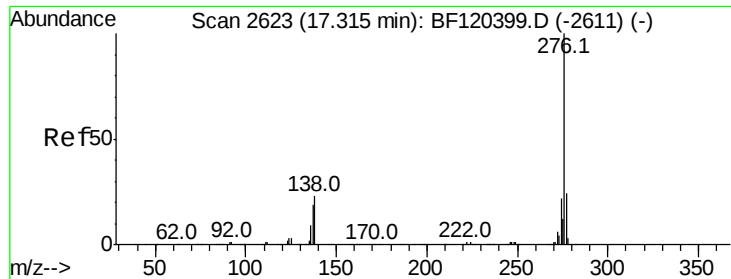
mohammad
6/1/2020 12:21:41 PM



#90
Benzo(a)pyrene
Concen: 3.326 ng
RT: 15.38 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BF120454.D
Acq: 29 May 2020 22:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.0
125	12.1	8.7	13.1





#92
 Benzo(a,h,i)perylene
 Concen: 2.253 ng
 RT: 17.31 min Scan# 2622
 Delta R.T. -0.02 min
 Lab File: BF120454.D
 Acq: 29 May 2020 22:07

Instrument :
 BNA_F
 ClientSampleId :
 NM89-COMP-2020-0-6

Tot Ion:	276	Resp:	56750
Ion Ratio	Lower	Upper	
276	100		
277	22.5	19.5	29.3
138	21.3	18.1	27.1

Manual Integrations
 APPROVED

mohammad
 6/1/2020 12:21:41 PM

