

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
 Data File : BF121036.D
 Acq On : 27 Jul 2020 17:13
 Operator : JU/CG
 Sample : L3383-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CRT-009

Manual Integrations
 APPROVED

mohammad
 7/28/2020 11:43:25 AM

Quant Time: Jul 27 18:03:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	199029	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	739838	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	410045	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	838263	20.00	ng	0.00
76) Chrysene-d12	13.97	240	681160	20.00	ng	0.00
86) Perylene-d12	15.42	264	598615	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	942014	77.59	ng	0.00
7) Phenol-d6	6.45	99	1137046	72.50	ng	0.00
23) Nitrobenzene-d5	7.37	82	717017	56.08	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	389906	86.87	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1430429	52.08	ng	0.00
79) Terphenyl-d14	12.92	244	1535289	49.00	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	317044	10.717	ng	99
75) Fluoranthene	12.54	202	155500	3.254	ng	99
78) Pyrene	12.77	202	227692	4.728	ng	99
81) Benzo(a)anthracene	13.96	228	82840	2.008	ng	96
83) Chrysene	13.99	228	116809	2.695	ng	96
88) Benzo(b)fluoranthene	14.99	252	151116m	4.176	ng	
90) Benzo(a)pyrene	15.35	252	76801	2.326	ng	99

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

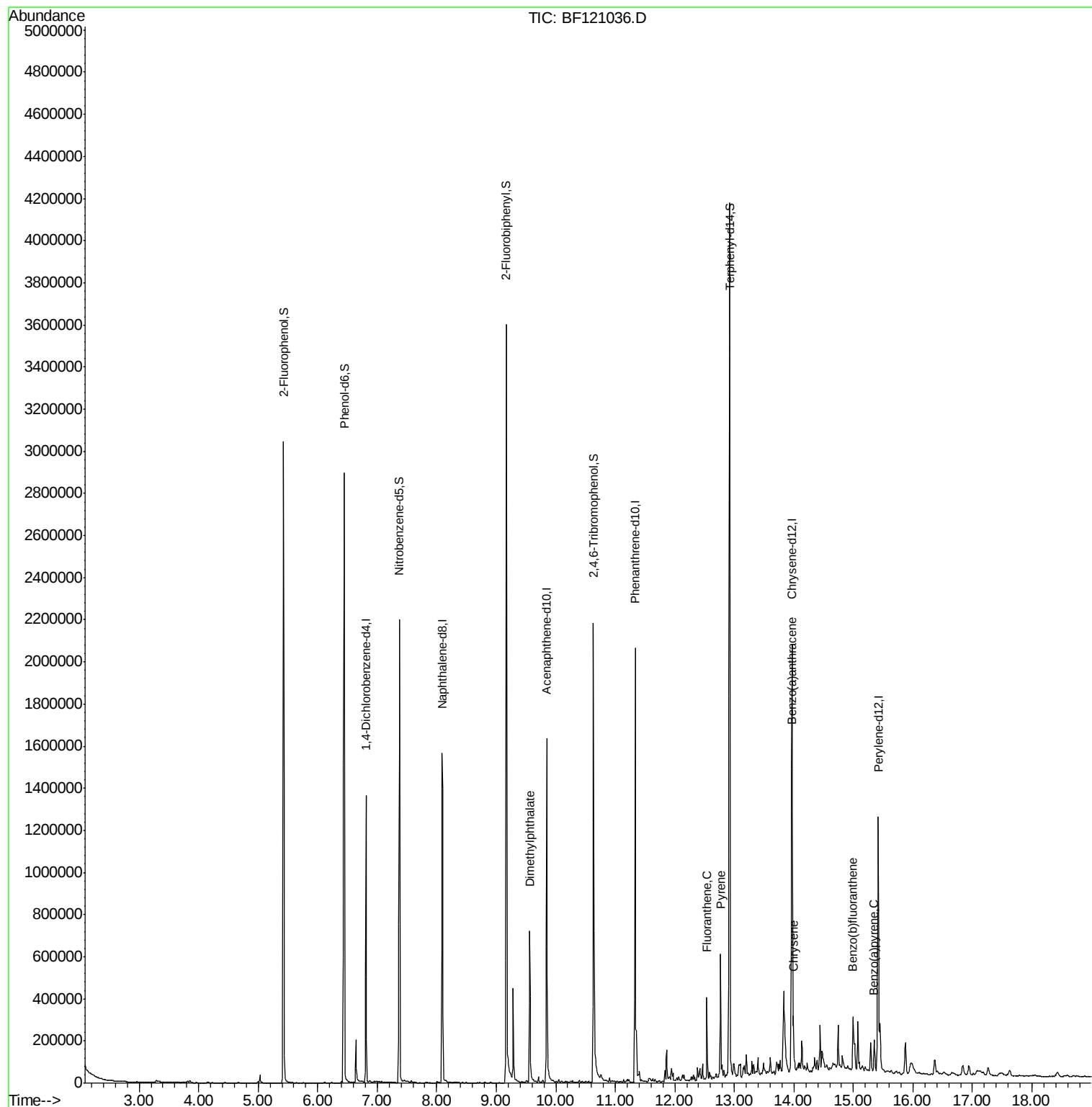
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
Data File : BF121036.D
Acq On : 27 Jul 2020 17:13
Operator : JU/CG
Sample : L3383-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CRT-009

Manual Integrations
APPROVED

mohammad
7/28/2020 11:43:25 AM

Quant Time: Jul 27 18:03:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration





#1

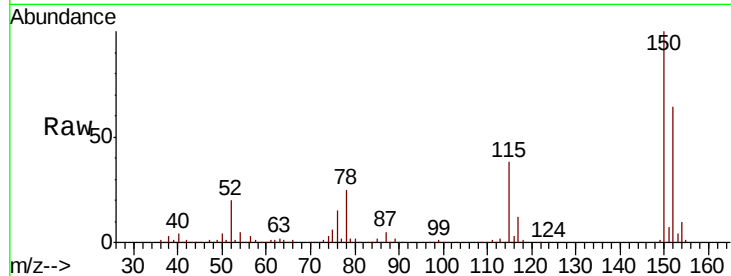
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF121036.D
Acq: 27 Jul 2020 17:13

Instrument :
BNA_F
ClientSampled :
CRT-009

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	125.0	187.6
115	59.6	47.0	70.4

Manual Integrations
APPROVED

mohammad
7/28/2020 11:43:25 AM

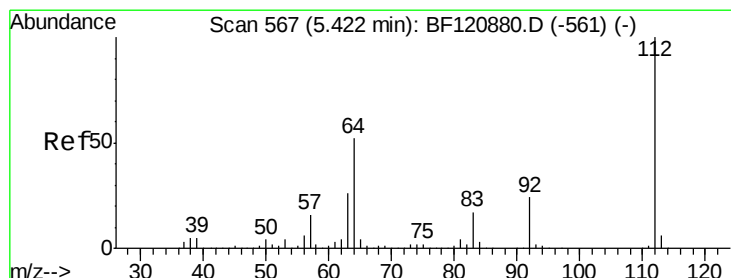
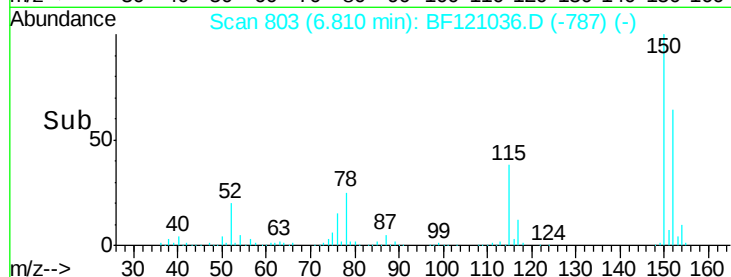
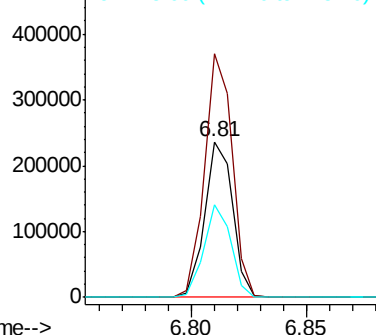


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

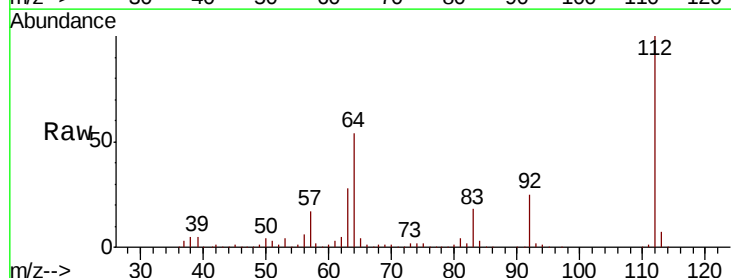
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 77.592 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF121036.D
Acq: 27 Jul 2020 17:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.9	41.3	61.9
63	28.1	21.1	31.7

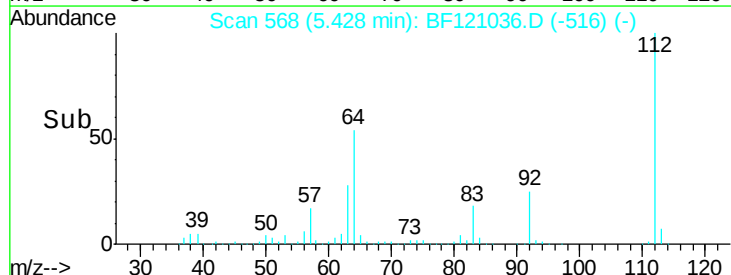
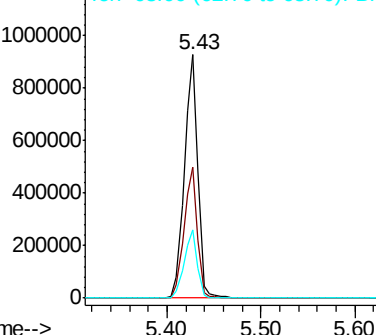


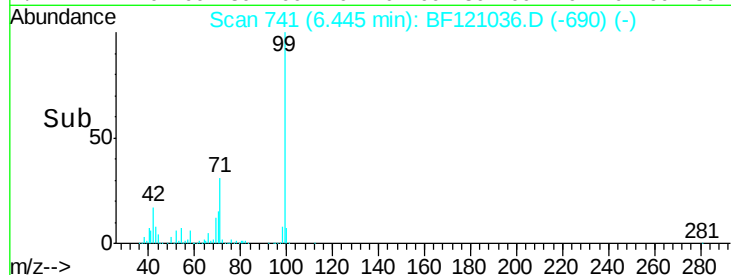
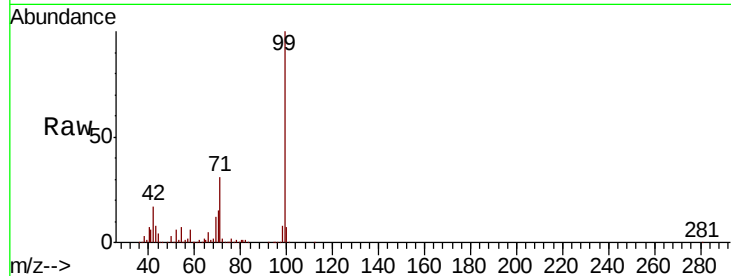
Abundance

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: 72.503 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF121036.D

Acq: 27 Jul 2020 17:13

Tot Ion: 99 Resp: 1137046

Ion Ratio Lower Upper

99 100

42 16.8 13.1 19.7

71 31.2 24.2 36.4

Instrument :

BNA_F

ClientSampled :

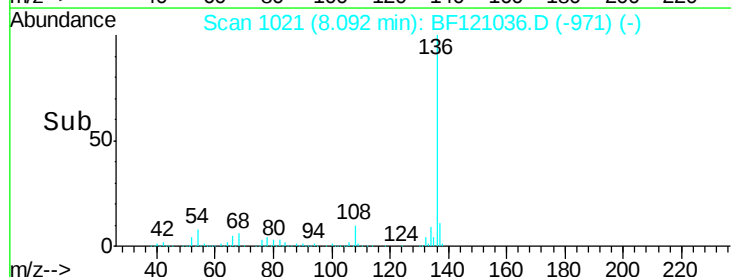
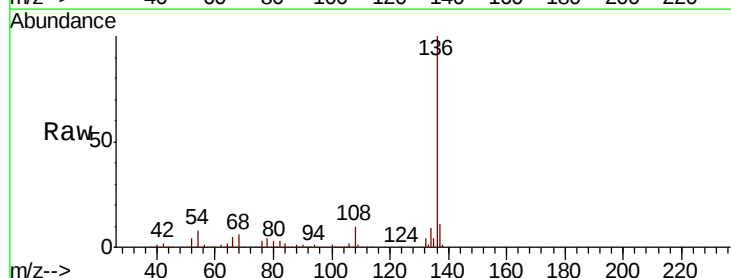
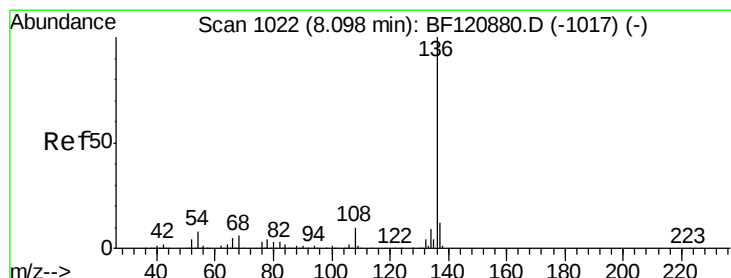
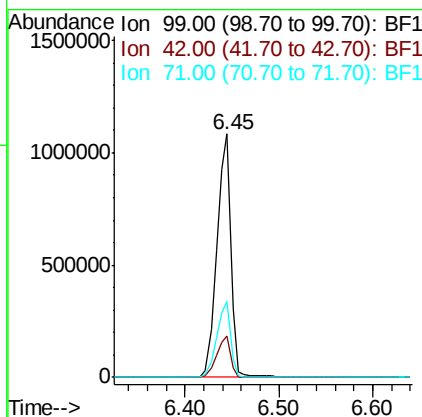
CRT-009

Manual Integrations

APPROVED

mohammad

7/28/2020 11:43:25 AM



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF121036.D

Acq: 27 Jul 2020 17:13

Tgt Ion: 136 Resp: 739838

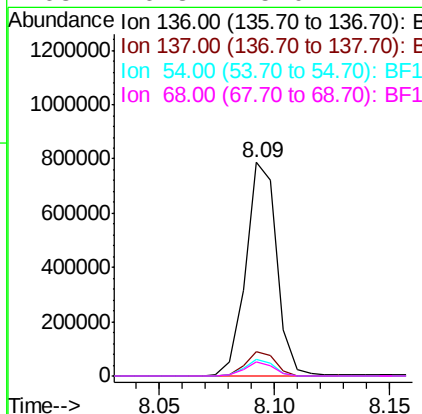
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 7.6 6.3 9.5

68 6.3 5.0 7.4





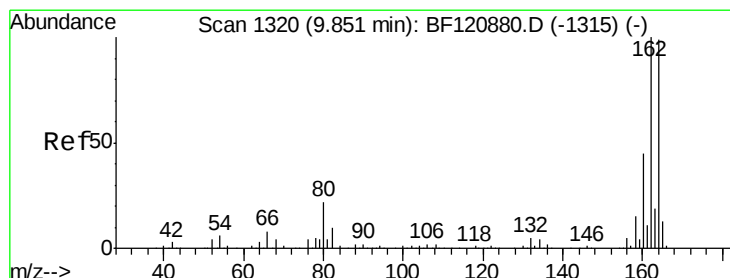
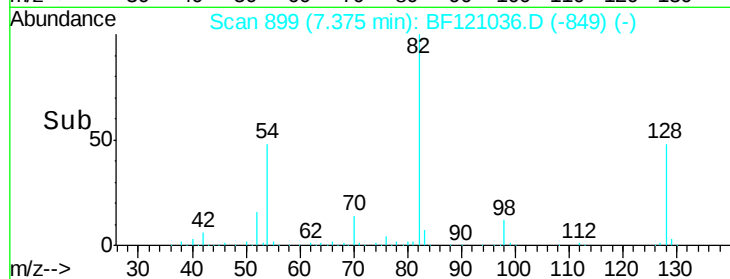
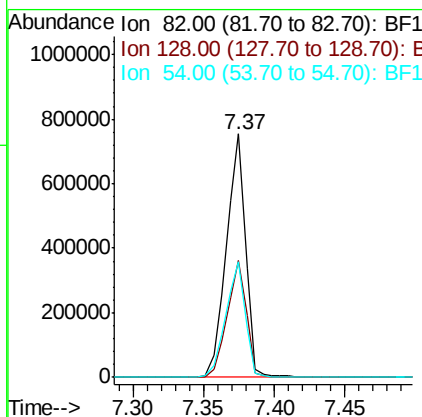
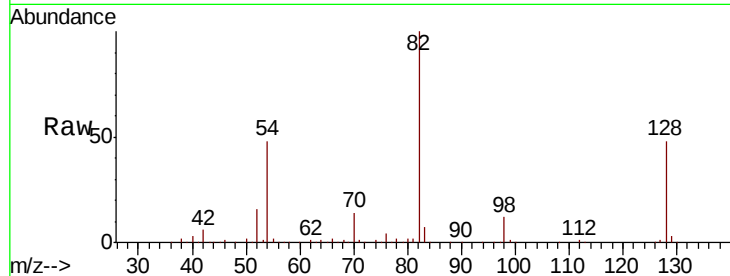
#23
 Nitrobenzene-d5
 Concen: 56.078 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF121036.D
 Acq: 27 Jul 2020 17:13

Instrument :
 BNA_F
 ClientSampled :
 CRT-009

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.2	38.2	57.4
54	47.7	38.7	58.1

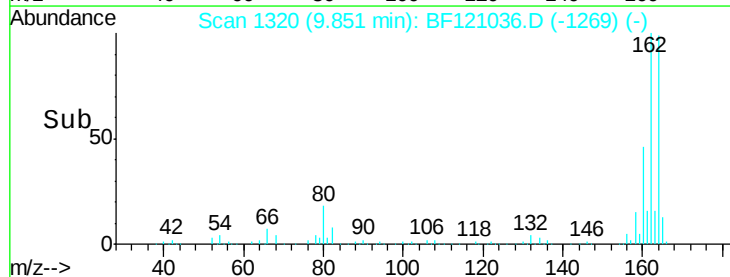
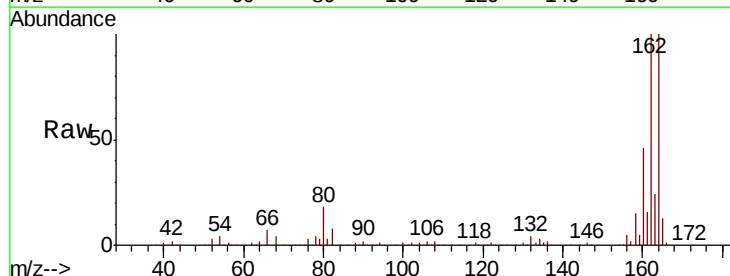
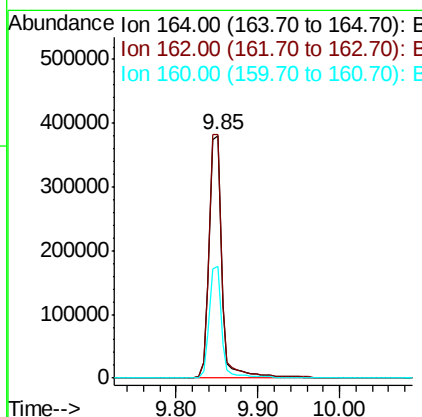
Manual Integrations
 APPROVED

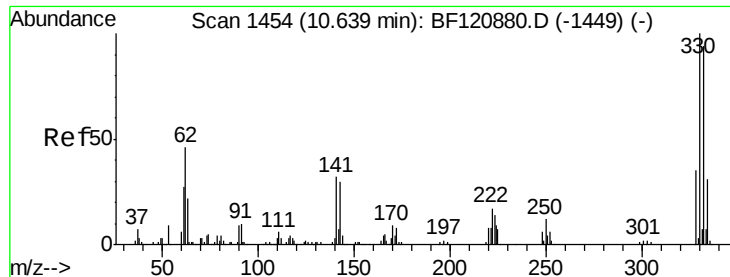
mohammad
 7/28/2020 11:43:25 AM



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF121036.D
 Acq: 27 Jul 2020 17:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.2	121.8
160	46.1	36.9	55.3





#42

2,4,6-Tribromophenol

Concen: 86.871 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF121036.D

Acq: 27 Jul 2020 17:13

Instrument :

BNA_F

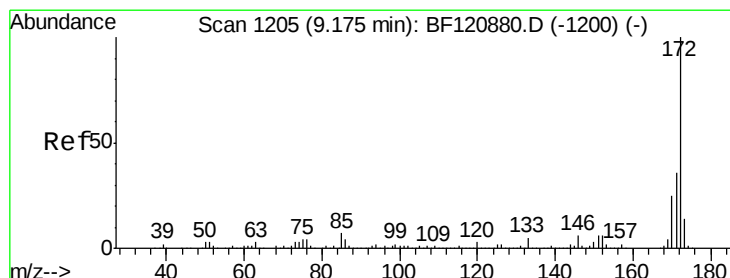
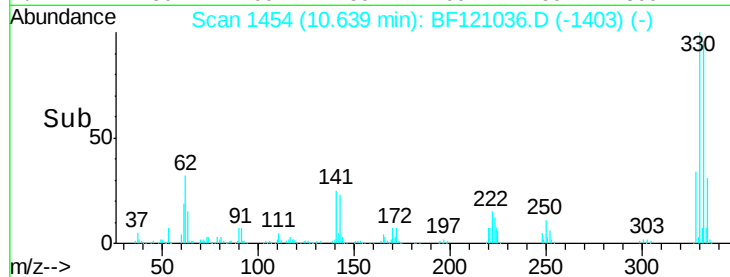
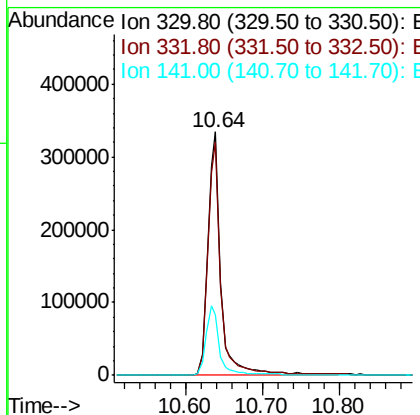
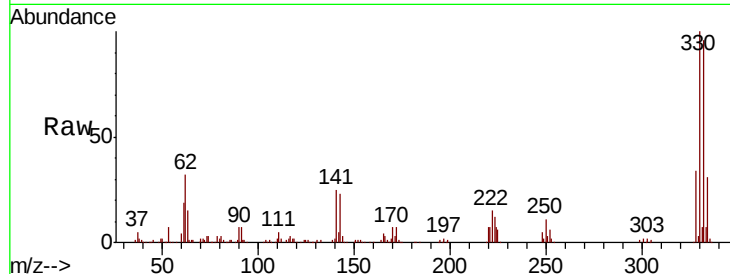
ClientSampleId :

CRT-009

Tot Ion:	330	Resp:	389906
Ion Ratio	Lower	Upper	
330	100		
332	95.4	75.5	113.3
141	30.5	25.7	38.5

Manual Integrations
APPROVED

mohammad
7/28/2020 11:43:25 AM



#45

2-Fluorobiphenyl

Concen: 52.084 ng

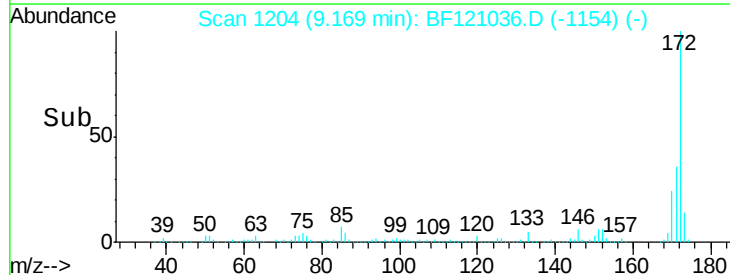
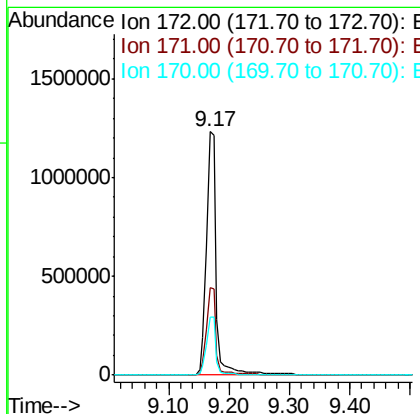
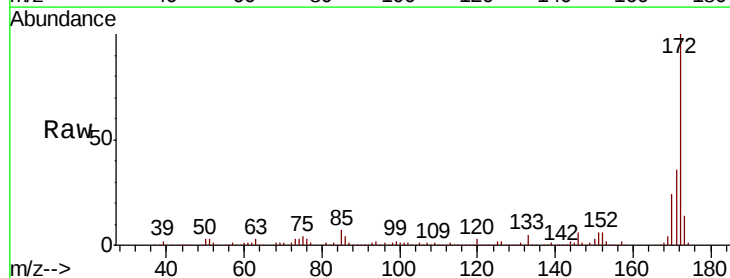
RT: 9.17 min Scan# 1204

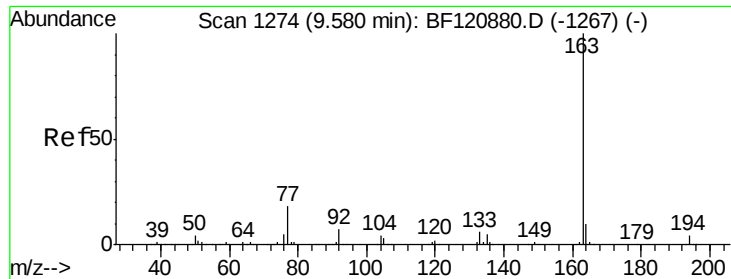
Delta R.T. -0.01 min

Lab File: BF121036.D

Acq: 27 Jul 2020 17:13

Tgt Ion:	172	Resp:	1430429
Ion Ratio	Lower	Upper	
172	100		
171	36.0	29.0	43.4
170	23.9	19.6	29.4





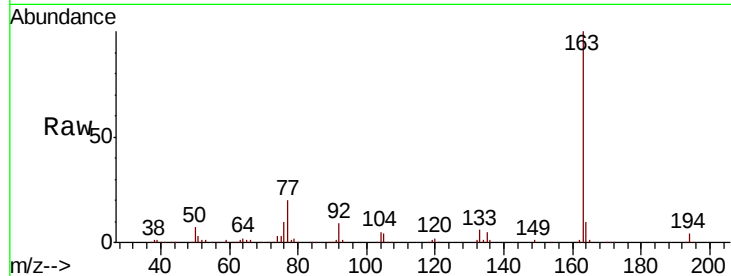
#50
Dimethylphthalate
Concen: 10.717 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF121036.D
Acq: 27 Jul 2020 17:13

Instrument :
BNA_F
ClientSampleId :
CRT-009

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		317044		
194	3.8			3.2	4.8
164	10.2			7.9	11.9

Manual Integrations
APPROVED

mohammad
7/28/2020 11:43:25 AM

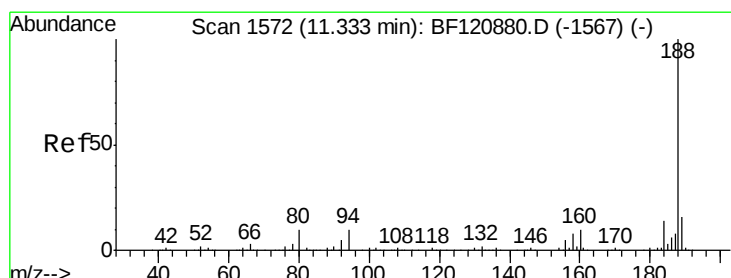
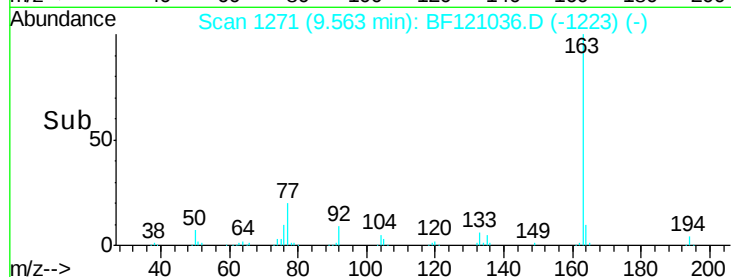
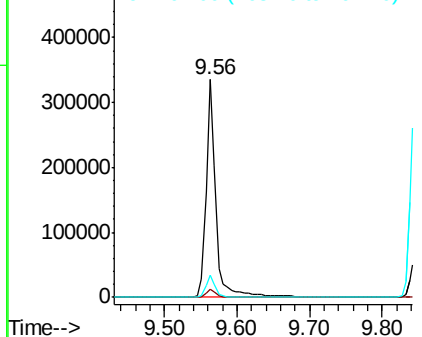


Abundance

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: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF121036.D
Acq: 27 Jul 2020 17:13

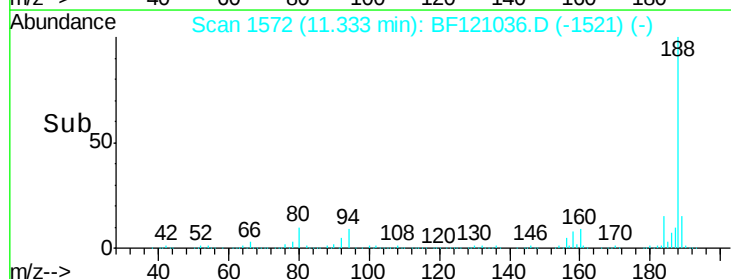
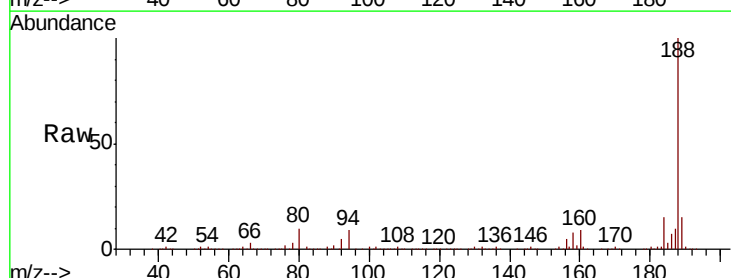
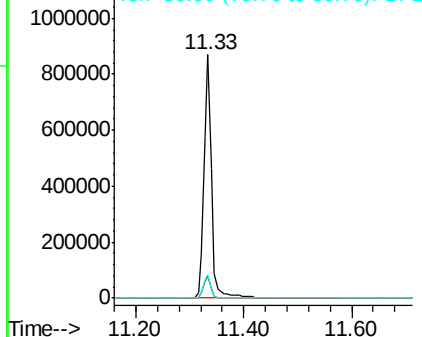
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		838263		
94	9.2			8.0	12.0
80	9.5			8.3	12.5

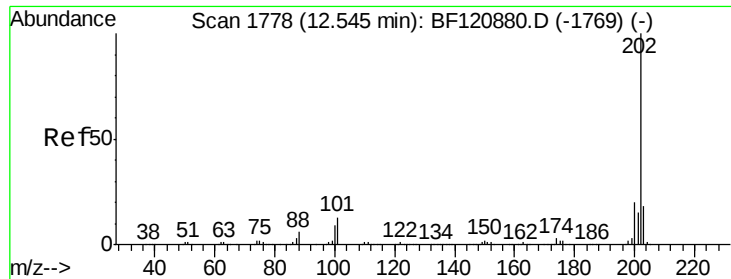
Abundance

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





#75

Fluoranthene

Concen: 3.254 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF121036.D

Acq: 27 Jul 2020 17:13

Instrument :

BNA_F

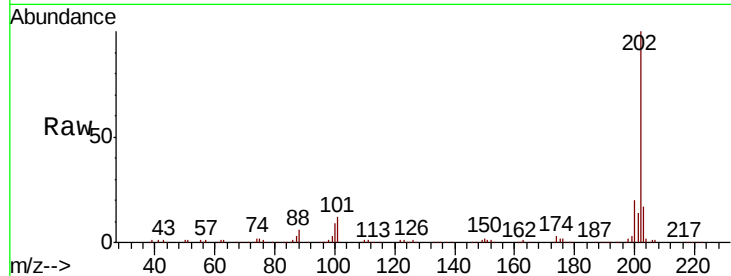
ClientSampleId :

CRT-009

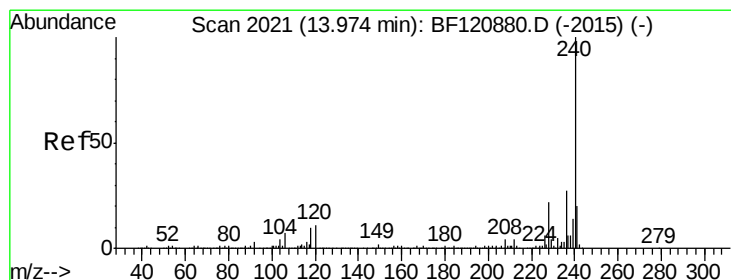
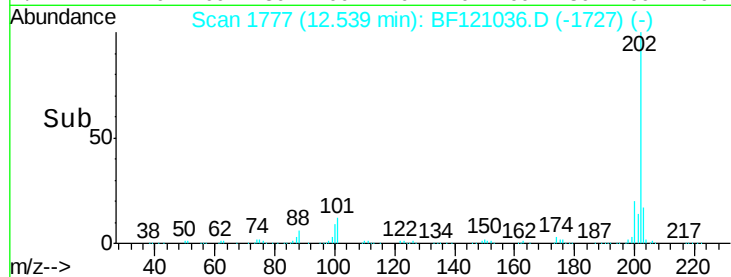
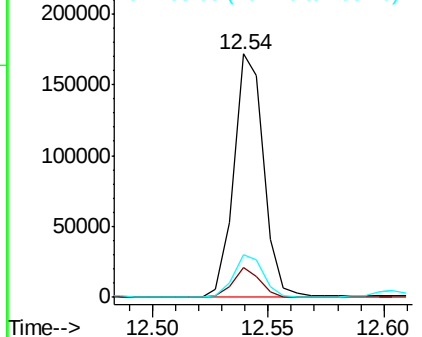
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		155500		
101	12.2	0.0	32.7		
203	17.3	0.0	38.0		

Manual Integrations
APPROVED

mohammad
7/28/2020 11:43:25 AM



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: 13.97 min Scan# 2020

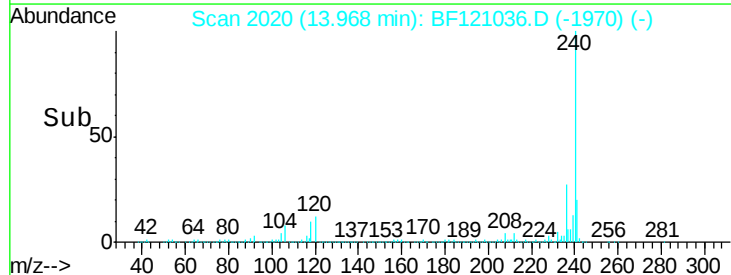
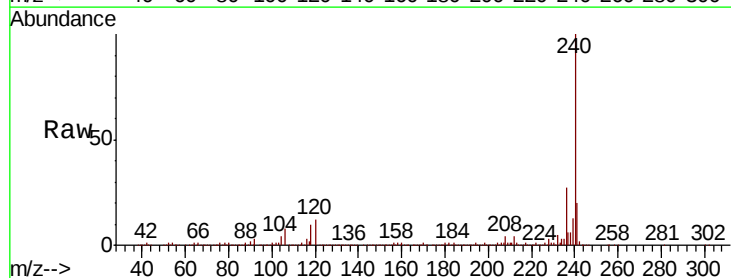
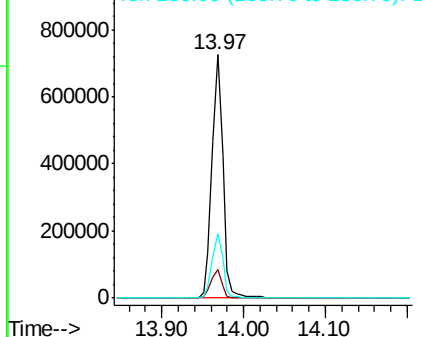
Delta R.T. -0.01 min

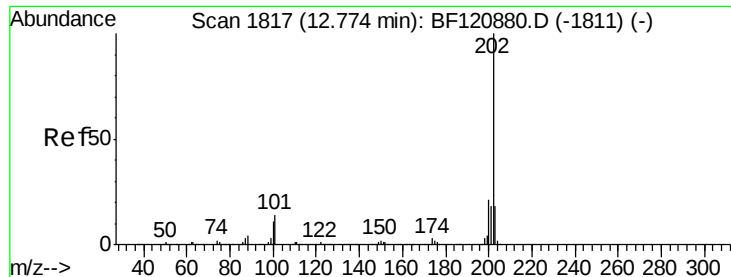
Lab File: BF121036.D

Acq: 27 Jul 2020 17:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		681160		
120	11.5	9.0	13.4		
236	26.5	21.7	32.5		

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: 4.728 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF121036.D

Acq: 27 Jul 2020 17:13

Instrument :

BNA_F

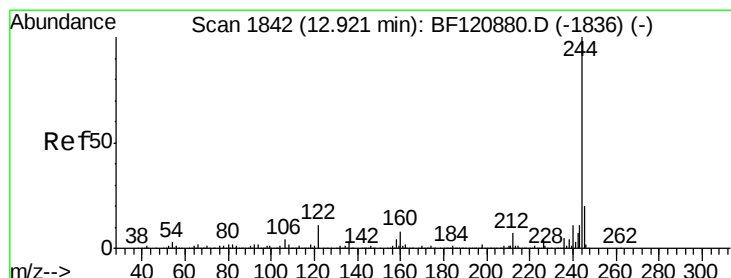
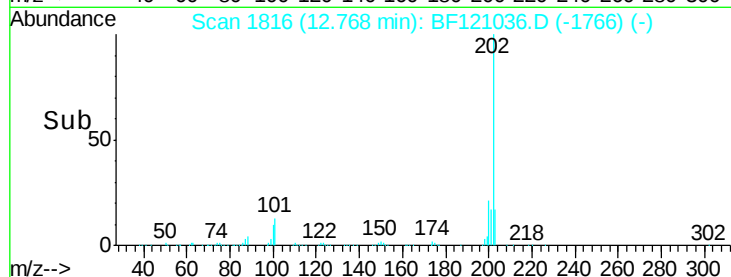
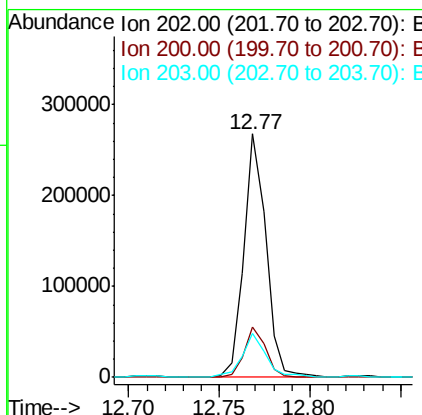
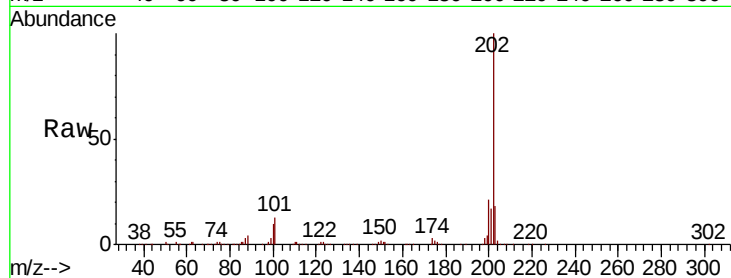
ClientSampleId :

CRT-009

Tot Ion:	202	Resp:	227692
Ion Ratio	Lower	Upper	
202	100		
200	20.7	17.0	25.4
203	17.8	14.4	21.6

Manual Integrations
APPROVED

mohammad
7/28/2020 11:43:25 AM



#79

Terphenyl-d14

Concen: 48.996 ng

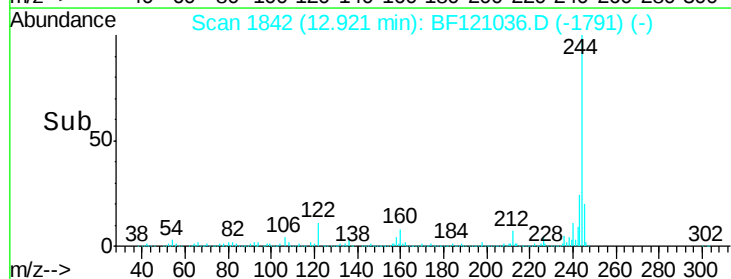
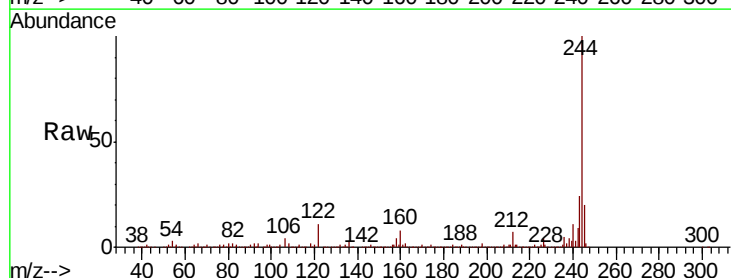
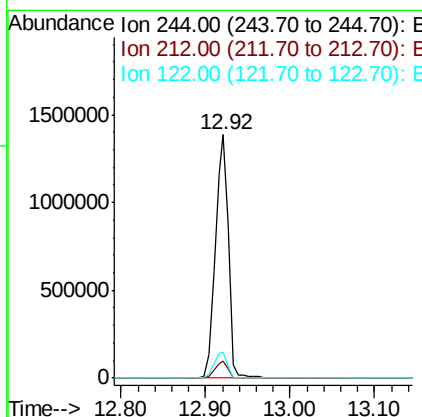
RT: 12.92 min Scan# 1842

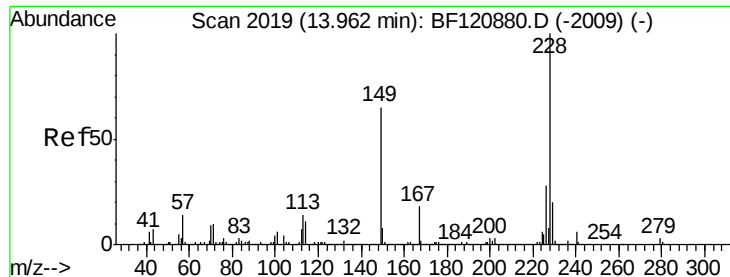
Delta R.T. 0.00 min

Lab File: BF121036.D

Acq: 27 Jul 2020 17:13

Tgt Ion:	244	Resp:	1535289
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.6	8.4
122	10.7	8.9	13.3





#81

Benzo(a)anthracene

Concen: 2.008 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF121036.D

Acq: 27 Jul 2020 17:13

Instrument :

BNA_F

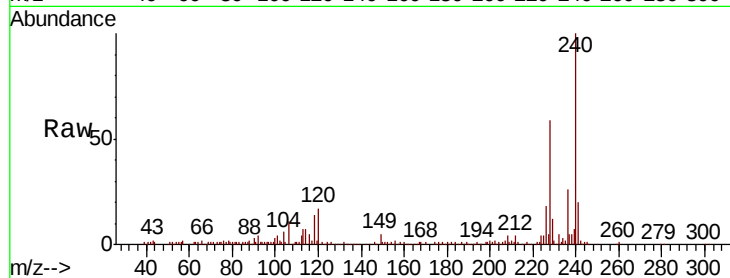
ClientSampleId :

CRT-009

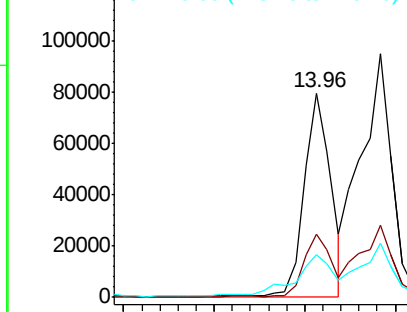
Tot Ion:228	Resp:	82840
Ion Ratio	Lower	Upper
228	100	
226	31.2	22.3 33.5
229	21.0	16.1 24.1

Manual Integrations
APPROVED

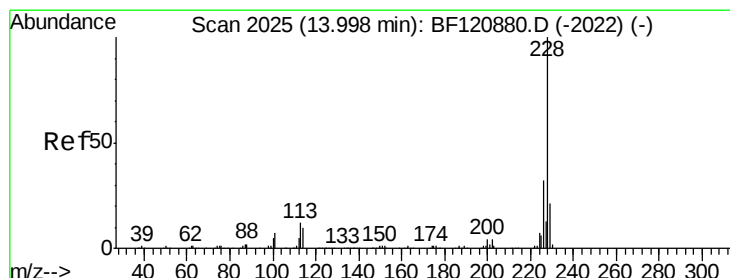
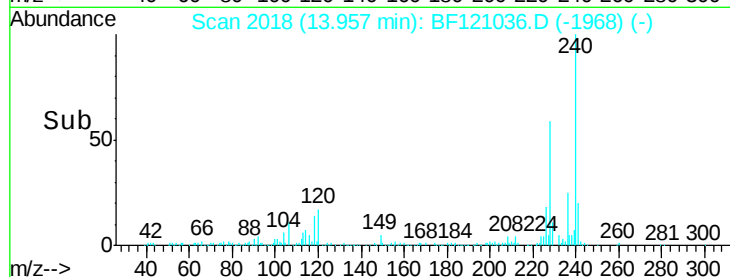
mohammad
7/28/2020 11:43:25 AM



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Time--> 13.85 13.90 13.95



#83

Chrysene

Concen: 2.695 ng

RT: 13.99 min Scan# 2024

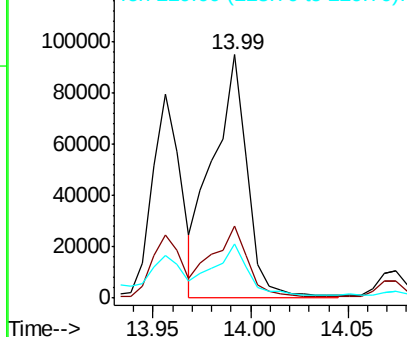
Delta R.T. -0.01 min

Lab File: BF121036.D

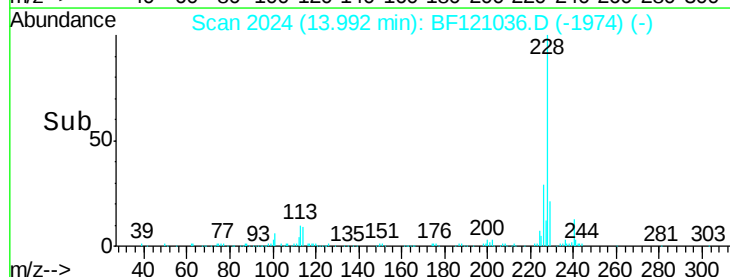
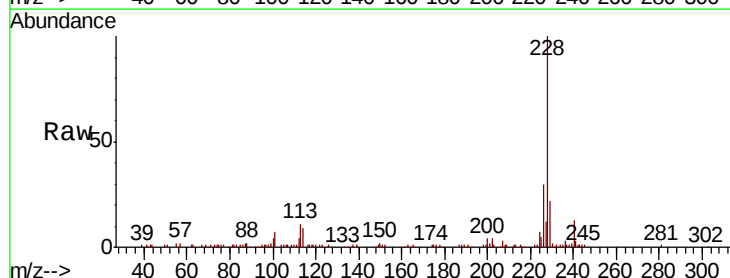
Acq: 27 Jul 2020 17:13

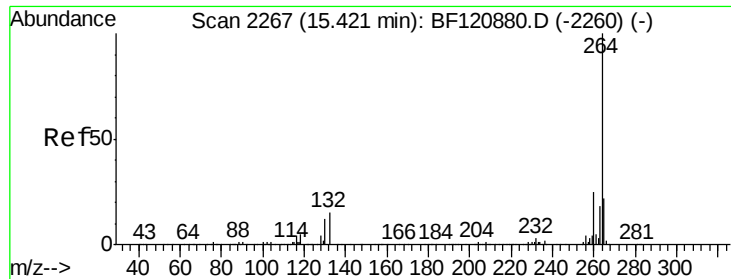
Tgt Ion:228	Resp:	116809
Ion Ratio	Lower	Upper
228	100	
226	29.6	25.6 38.4
229	22.1	16.8 25.2

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Time--> 13.95 14.00 14.05





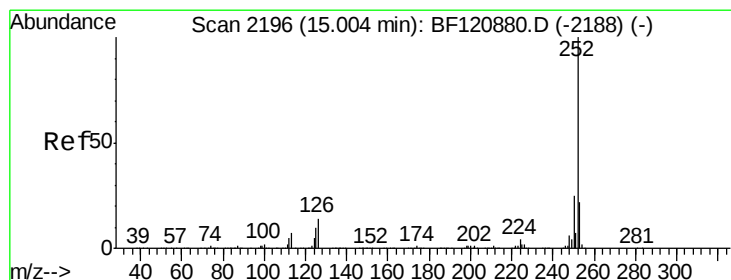
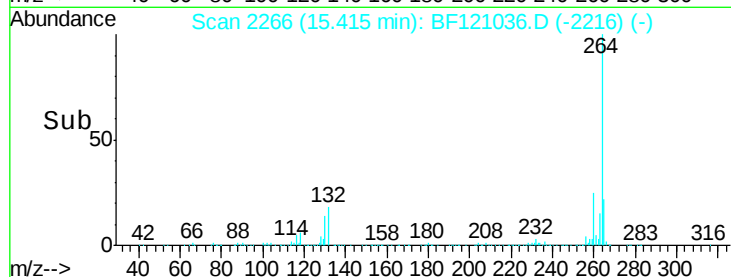
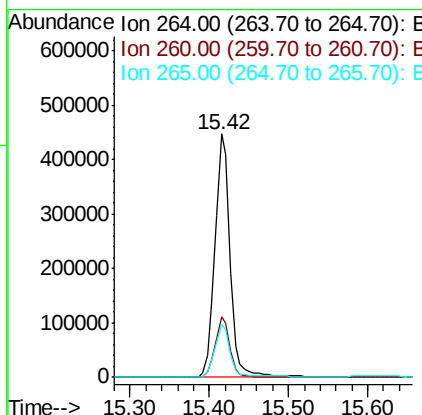
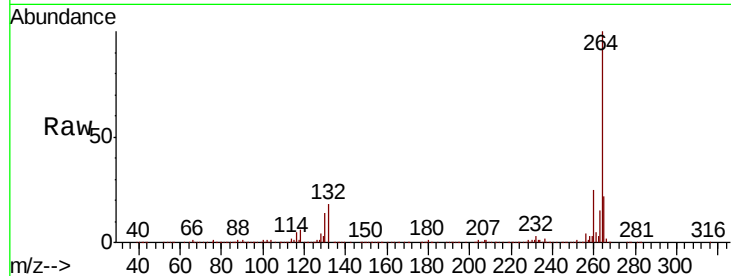
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF121036.D
Acq: 27 Jul 2020 17:13

Instrument :
BNA_F
ClientSampleId :
CRT-009

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.0	30.0
265	21.8	17.4	26.2

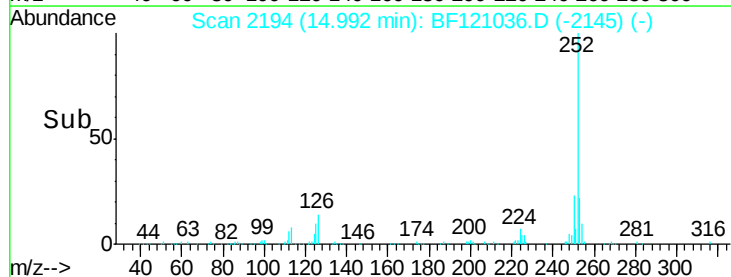
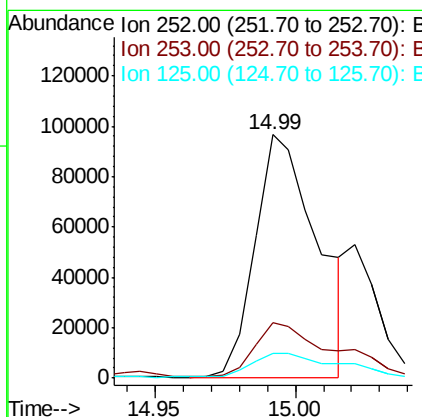
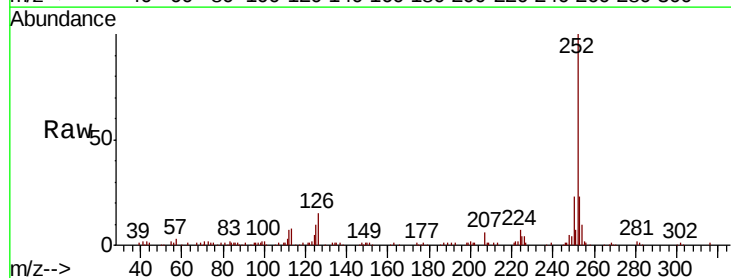
Manual Integrations
APPROVED

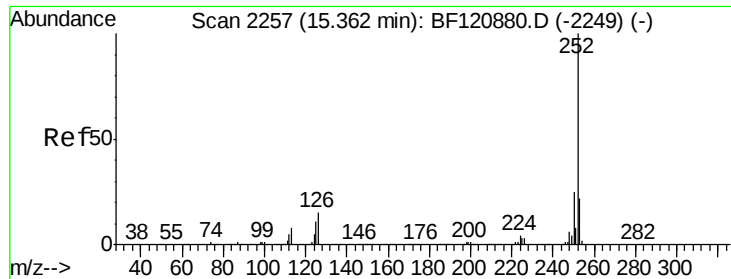
mohammad
7/28/2020 11:43:25 AM



#88
Benzo(b)fluoranthene
Concen: 4.176 ng m
RT: 14.99 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BF121036.D
Acq: 27 Jul 2020 17:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	10.3	8.3	12.5





#90
 Benzo(a)pyrene
 Concen: 2.326 ng
 RT: 15.35 min Scan# 2255
 Delta R.T. -0.01 min
 Lab File: BF121036.D
 Acq: 27 Jul 2020 17:13

Instrument :
 BNA_F
 ClientSampleId :
 CRT-009

Tot Ion:	252	Resp:	76801
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.8	26.8
125	10.5	8.9	13.3

Manual Integrations
 APPROVED

mohammad
 7/28/2020 11:43:25 AM

