

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080720\
 Data File : BF121230.D
 Acq On : 7 Aug 2020 14:29
 Operator : JU/CG
 Sample : L3594-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Manual Integrations
 APPROVED

mohammad
 8/10/2020 3:44:17 PM

Quant Time: Aug 07 15:20:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	136465	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	535210	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	274577	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	534983	20.00	ng	0.00
76) Chrysene-d12	13.96	240	426053	20.00	ng	0.00
86) Perylene-d12	15.42	264	344080	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	774000	92.98	ng	0.00
7) Phenol-d6	6.43	99	955156	88.83	ng	-0.01
23) Nitrobenzene-d5	7.36	82	635120	68.66	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	280429	93.30	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1162101	63.19	ng	0.00
79) Terphenyl-d14	12.91	244	1161949	59.28	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
50) Dimethylphthalate	9.55	163	232870	11.756	ng	98
71) Phenanthrene	11.34	178	63896	2.322	ng	98
75) Fluoranthene	12.53	202	171164	5.612	ng	99
78) Pyrene	12.76	202	169973	5.643	ng	96
81) Benzo(a)anthracene	13.95	228	73160	2.836	ng	97
83) Chrysene	13.99	228	78254	2.886	ng	97
88) Benzo(b)fluoranthene	14.99	252	83965m	4.037	ng	
90) Benzo(a)pyrene	15.35	252	57951	3.054	ng	99
92) Benzo(g,h,i)perylene	17.28	276	44584	2.313	ng	97

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

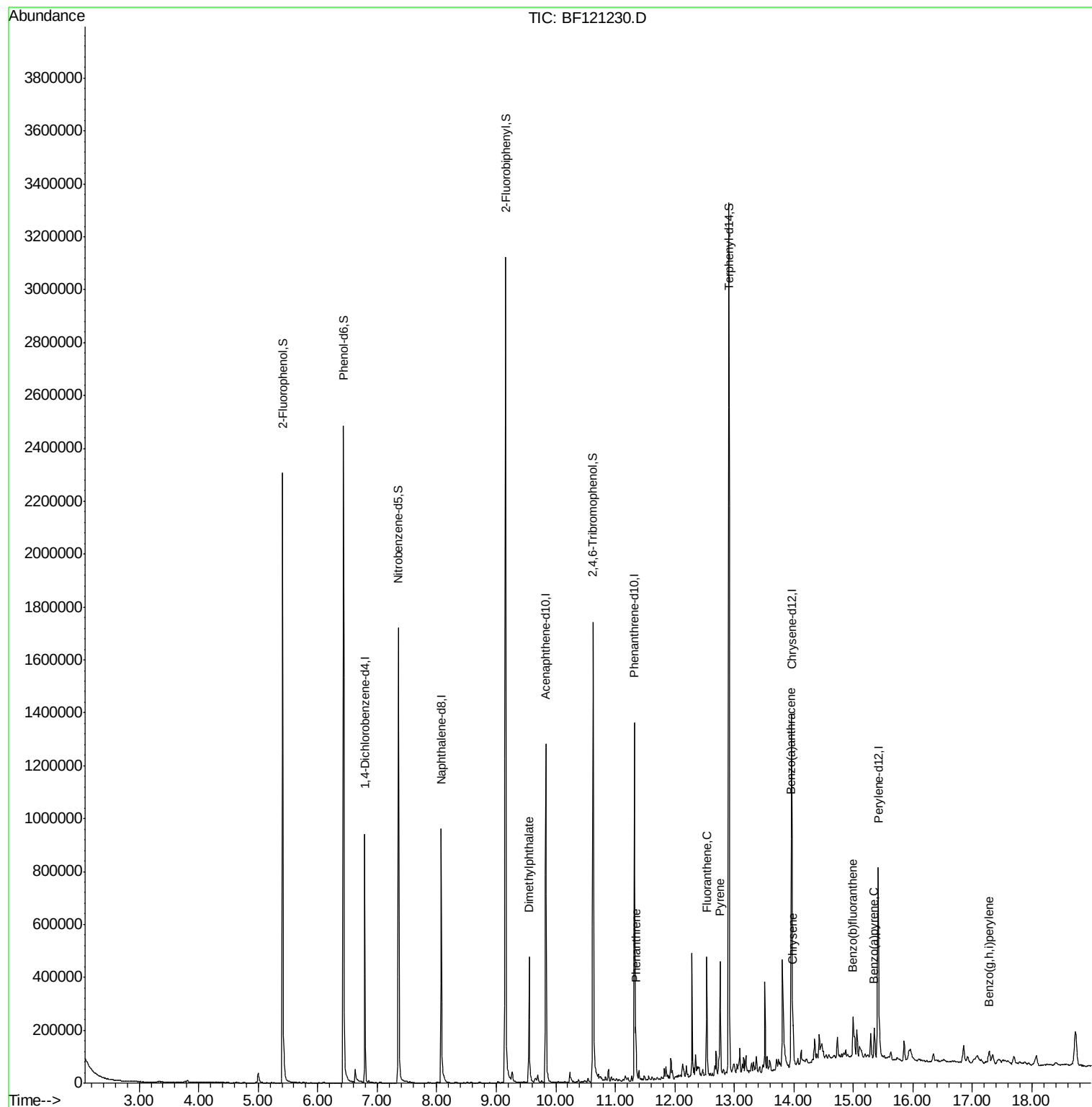
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080720\
Data File : BF121230.D
Acq On : 7 Aug 2020 14:29
Operator : JU/CG
Sample : L3594-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

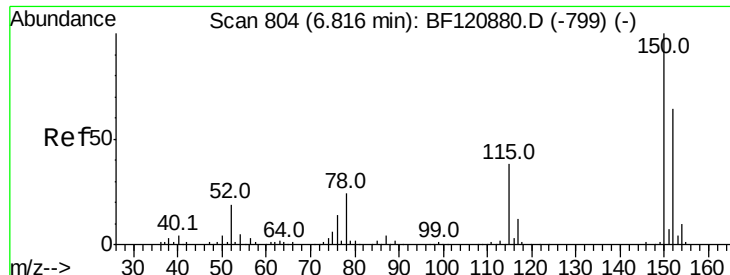
Instrument :
BNA_F
ClientSampleId :
TP-3

Manual Integrations
APPROVED

mohammad
8/10/2020 3:44:17 PM

Quant Time: Aug 07 15:20:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF121230.D

Acq: 7 Aug 2020 14:29

Instrument :

BNA_F

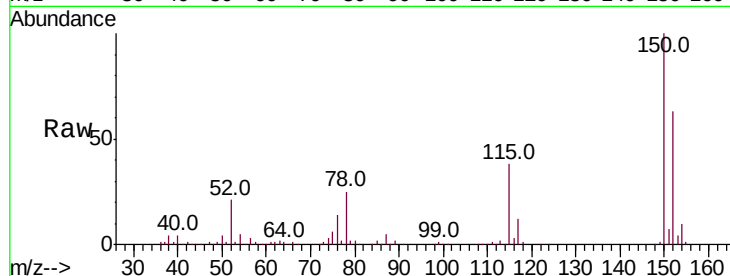
ClientSampleId :

TP-3

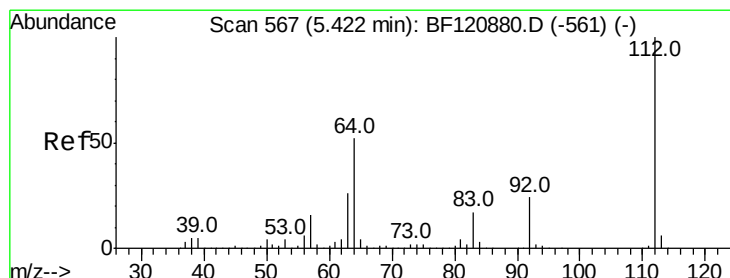
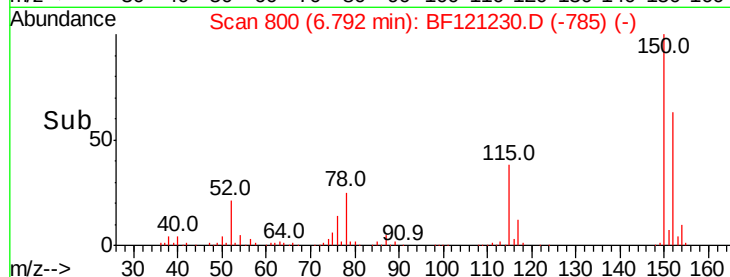
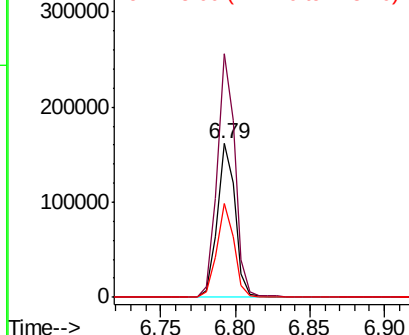
Tot Ion:	152	Resp:	136465
Ion Ratio	Lower	Upper	
152	100		
150	158.5	125.6	188.4
115	60.7	46.2	69.2

Manual Integrations
APPROVED

mohammad
8/10/2020 3:44:17 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: 92.981 ng

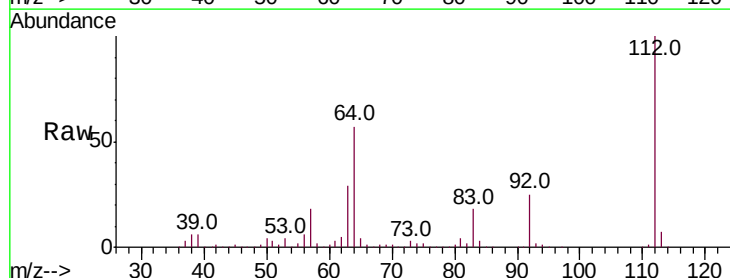
RT: 5.41 min Scan# 565

Delta R.T. -0.01 min

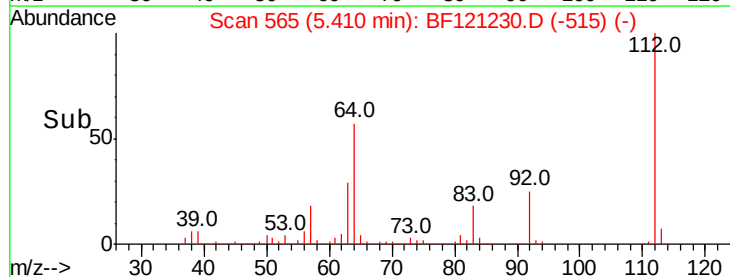
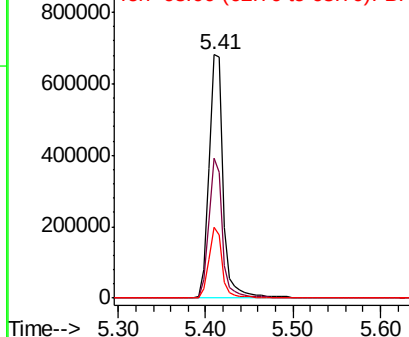
Lab File: BF121230.D

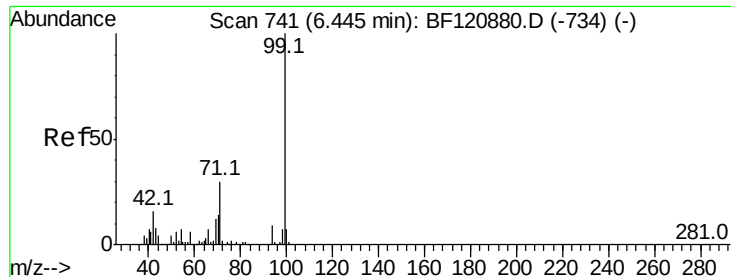
Acq: 7 Aug 2020 14:29

Tgt Ion:	112	Resp:	774000
Ion Ratio	Lower	Upper	
112	100		
64	57.3	43.9	65.9
63	28.8	22.7	34.1



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: 88.828 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121230.D

Acq: 7 Aug 2020 14:29

Instrument :

BNA_F

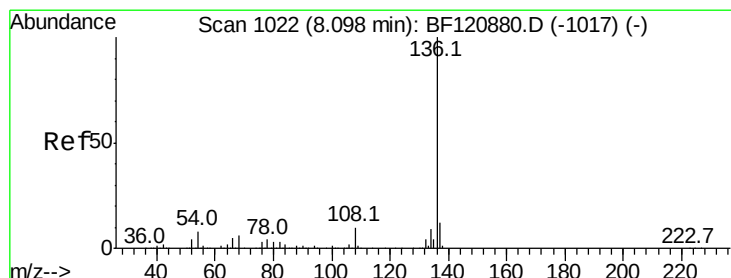
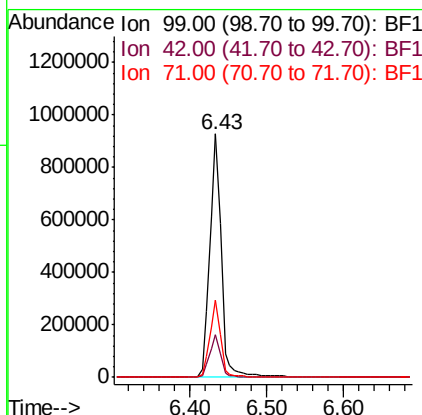
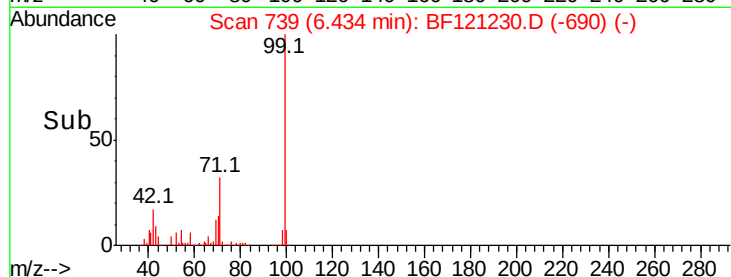
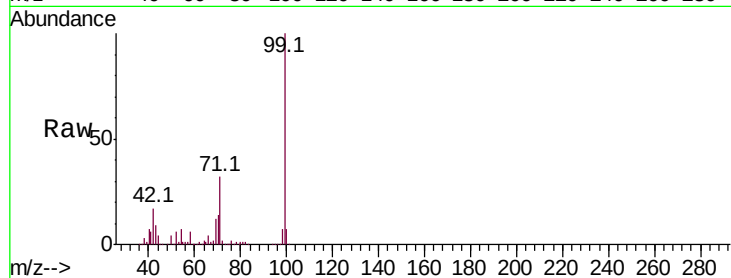
ClientSampleId :

TP-3

Tot Ion	99	Resp	955156
Ion Ratio	Lower	Upper	
99	100		
42	17.5	13.5	20.3
71	31.7	25.0	37.4

Manual Integrations
APPROVED

mohammad
8/10/2020 3:44:17 PM



#21

Naphthalene-d8

Concen: 20.000 ng

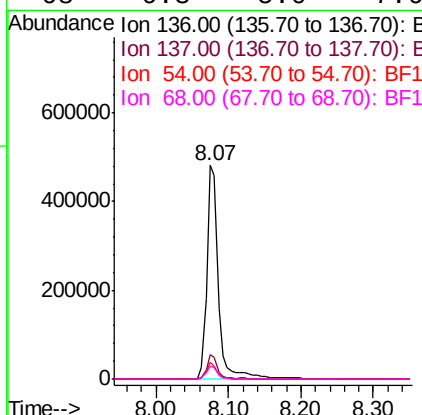
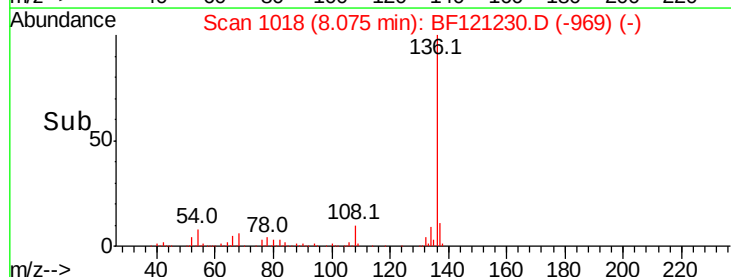
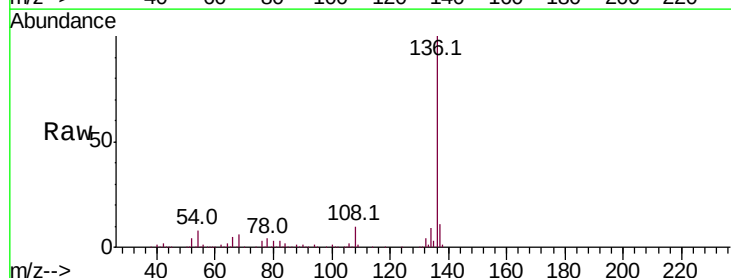
RT: 8.07 min Scan# 1018

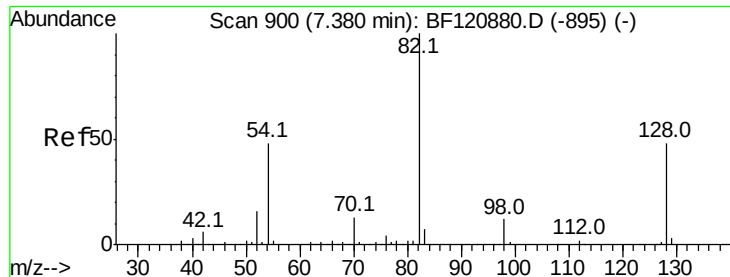
Delta R.T. -0.01 min

Lab File: BF121230.D

Acq: 7 Aug 2020 14:29

Tgt Ion	136	Resp	535210
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.0	13.4
54	8.0	6.1	9.1
68	6.3	5.0	7.6





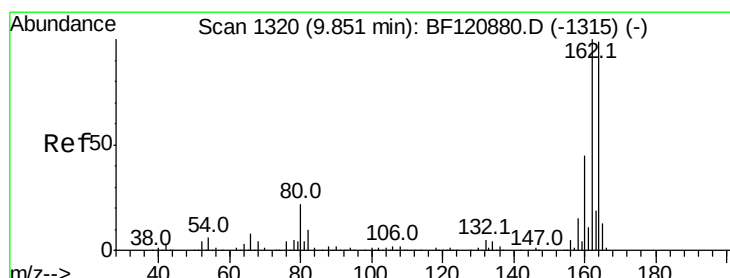
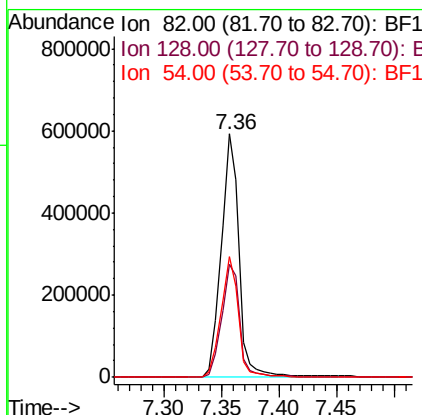
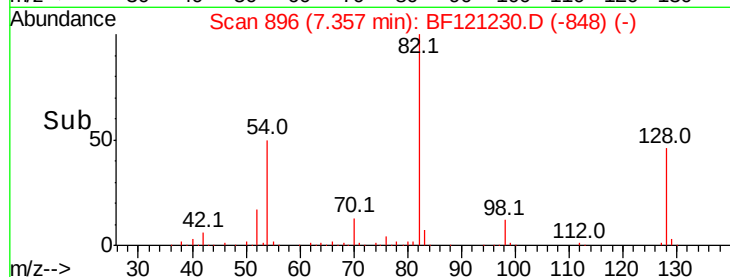
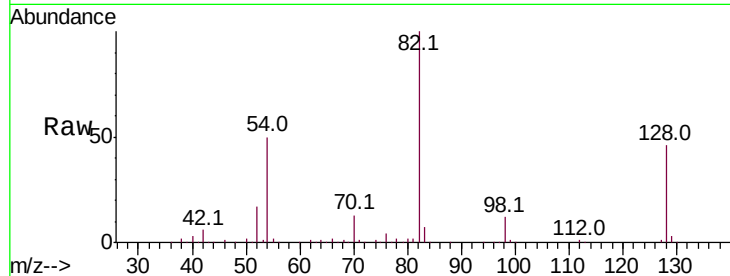
#23
 Nitrobenzene-d5
 Concen: 68.665 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.02 min
 Lab File: BF121230.D
 Acq: 7 Aug 2020 14:29

Instrument :
 BNA_F
 ClientSampled :
 TP-3

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.2	39.2	58.8
54	49.8	37.8	56.8

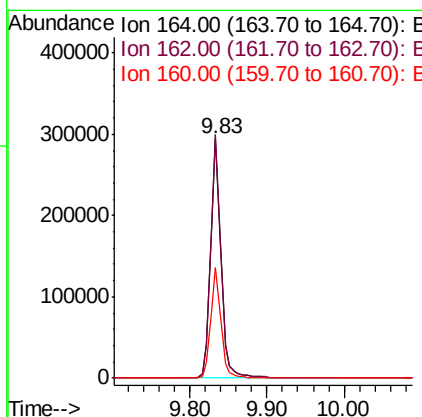
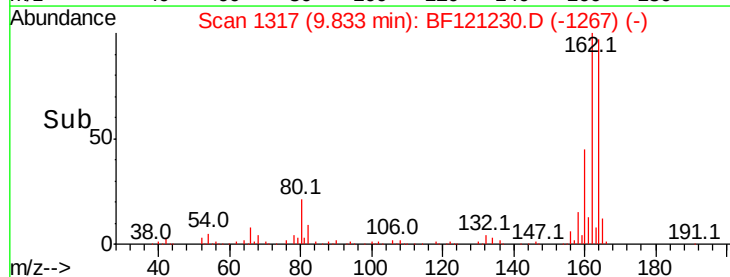
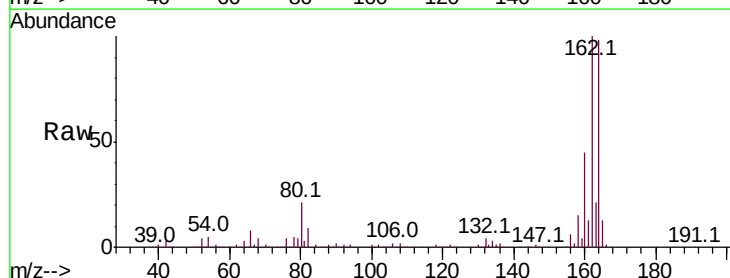
Manual Integrations
 APPROVED

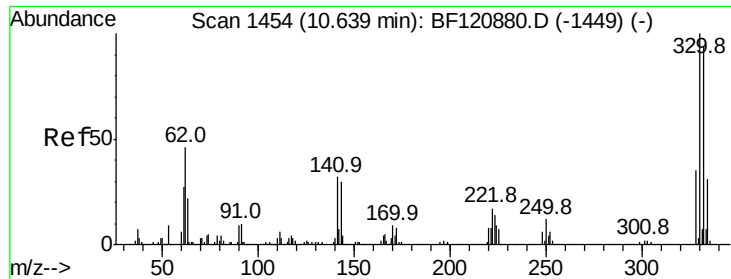
mohammad
 8/10/2020 3:44:17 PM



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF121230.D
 Acq: 7 Aug 2020 14:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.2	123.2
160	46.0	37.2	55.8





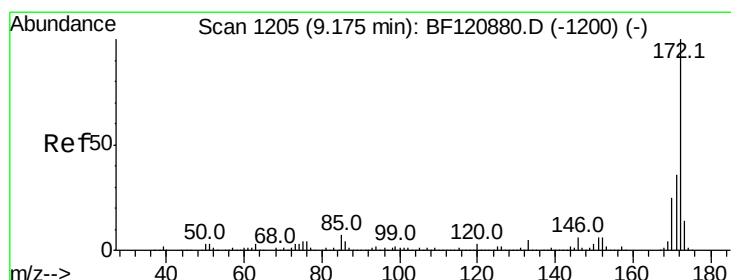
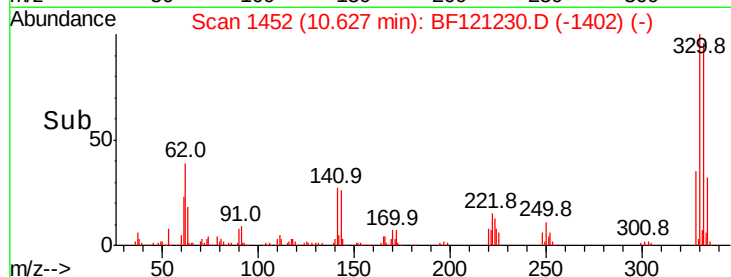
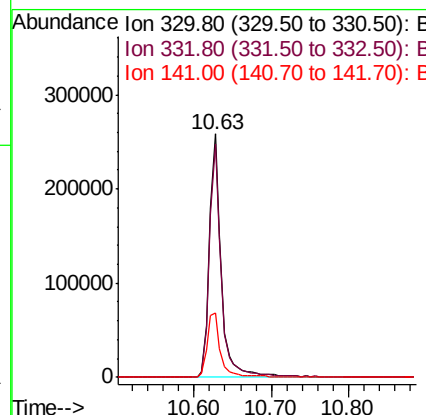
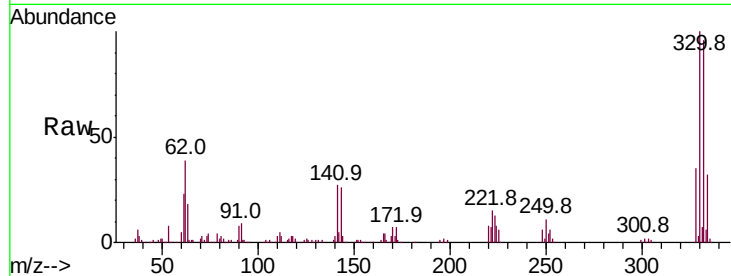
#42
 2,4,6-Tribromophenol
 Concen: 93.305 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF121230.D
 Acq: 7 Aug 2020 14:29

Instrument :
 BNA_F
 ClientSampled :
 TP-3

Tot Ion	Ratio	Resp	Lower	Upper
330	100	280429		
332	96.6		76.1	114.1
141	30.6		24.1	36.1

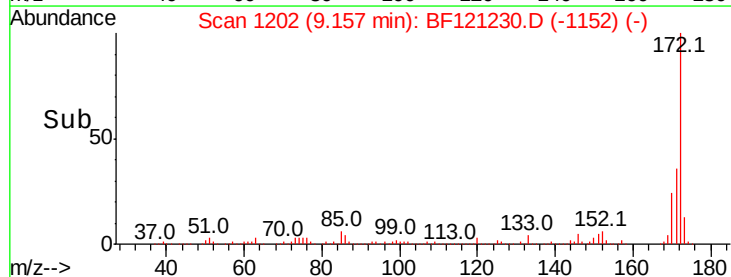
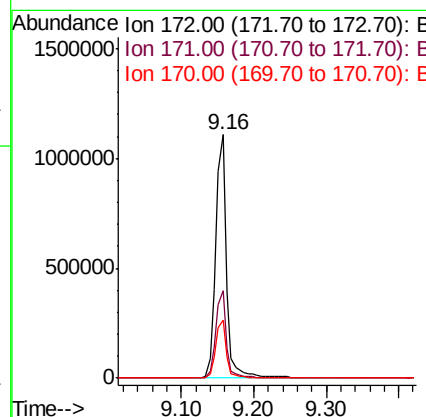
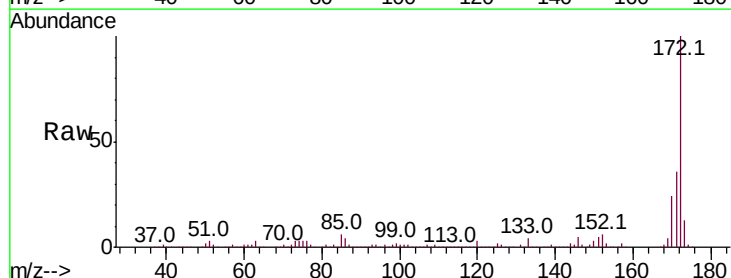
Manual Integrations
 APPROVED

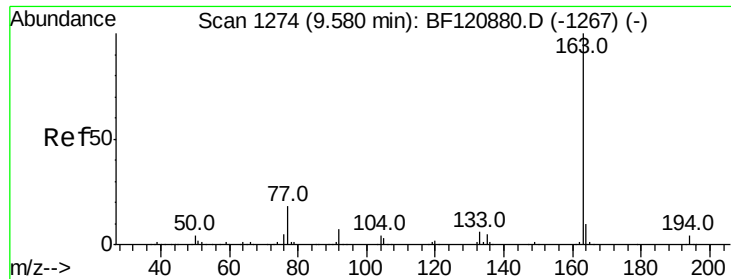
mohammad
 8/10/2020 3:44:17 PM



#45
 2-Fluorobiphenyl
 Concen: 63.191 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF121230.D
 Acq: 7 Aug 2020 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1162101		
171	35.7		29.0	43.4
170	23.8		19.6	29.4





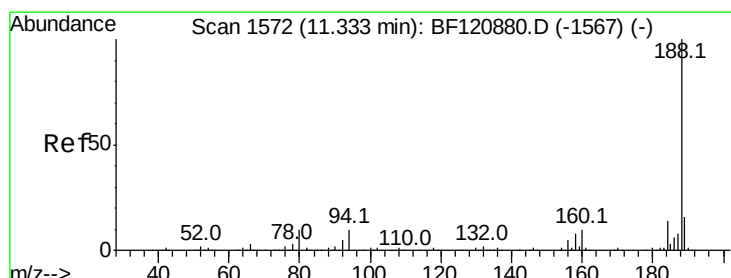
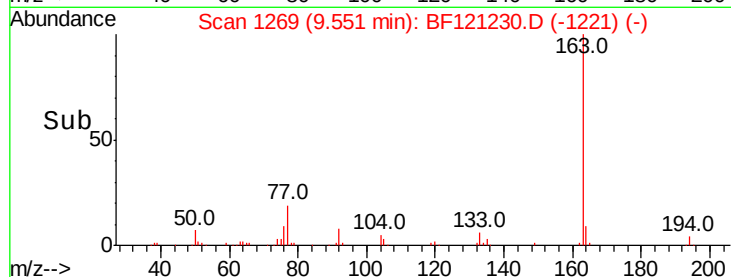
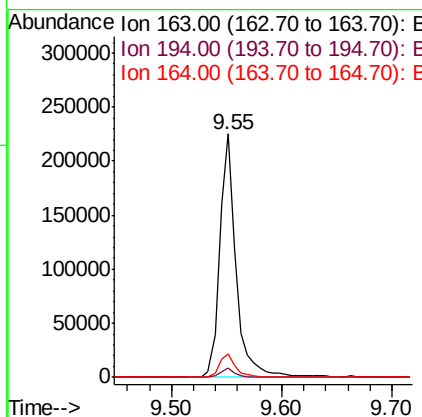
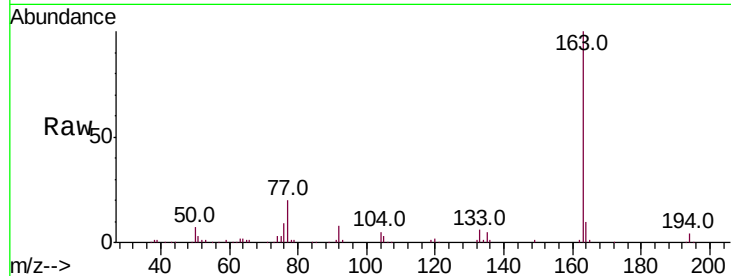
#50
Dimethylphthalate
Concen: 11.756 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF121230.D
Acq: 7 Aug 2020 14:29

Instrument :
BNA_F
ClientSampleId :
TP-3

Tot Ion:	163	Resp:	232870
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.0	4.4
164	9.6	8.4	12.6

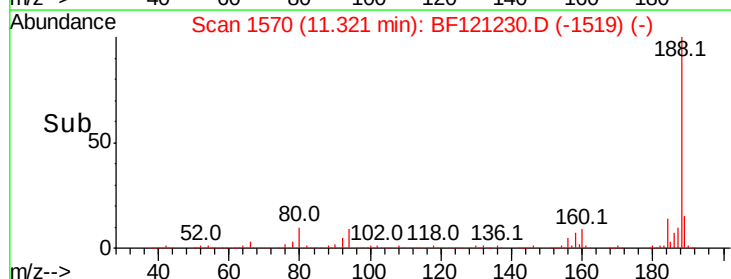
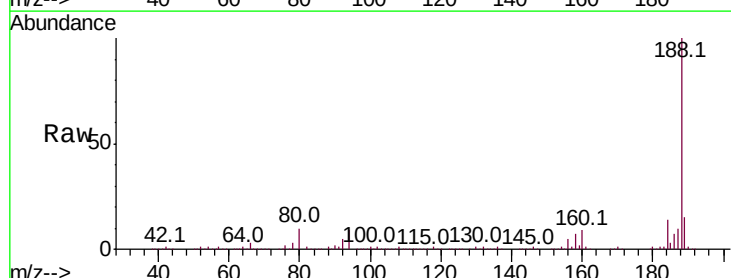
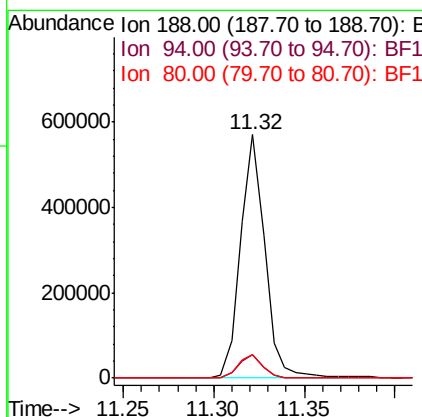
Manual Integrations
APPROVED

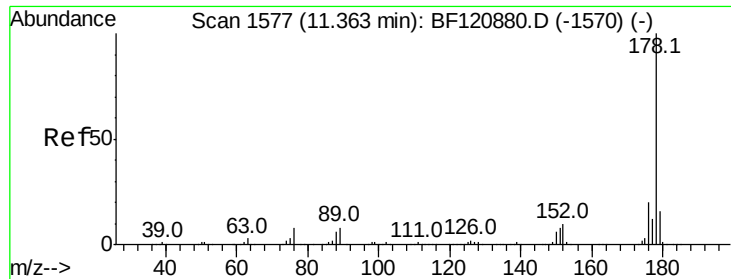
mohammad
8/10/2020 3:44:17 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF121230.D
Acq: 7 Aug 2020 14:29

Tgt Ion:	188	Resp:	534983
Ion Ratio	Lower	Upper	
188	100		
94	9.4	8.0	12.0
80	9.7	8.3	12.5





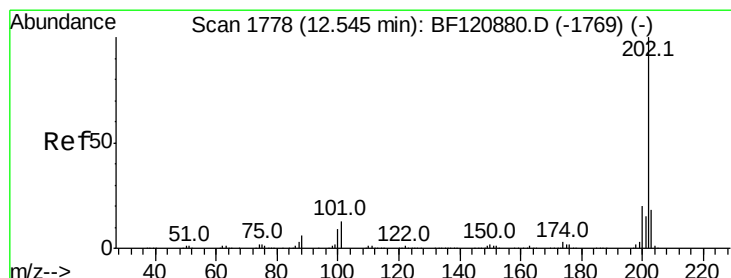
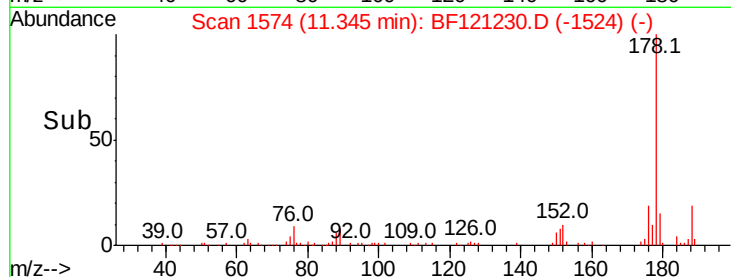
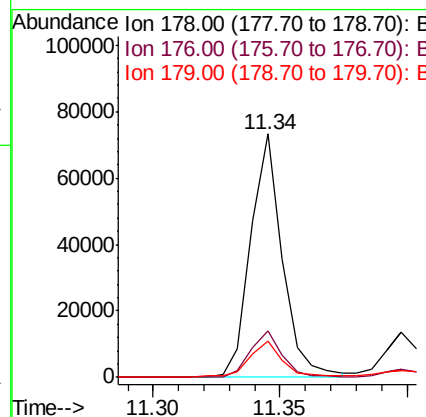
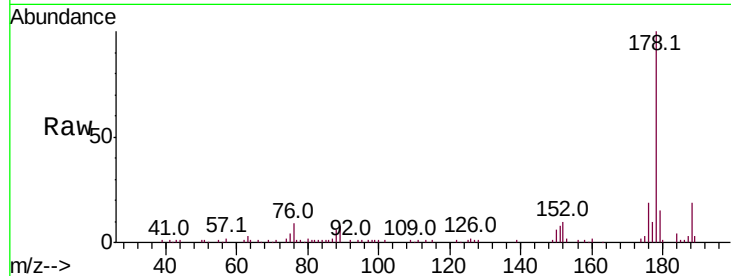
#71
Phenanthrene
Concen: 2.322 ng
RT: 11.34 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF121230.D
Acq: 7 Aug 2020 14:29

Instrument :
BNA_F
ClientSampleId :
TP-3

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.2	24.2
179	15.1	12.6	19.0

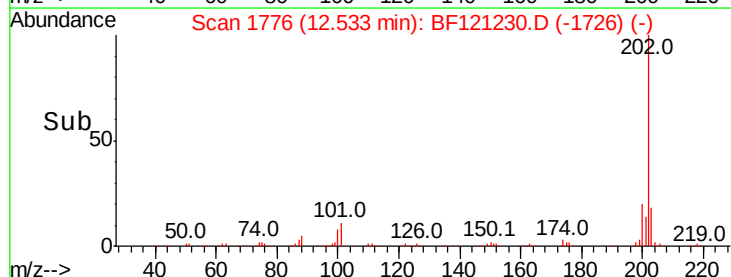
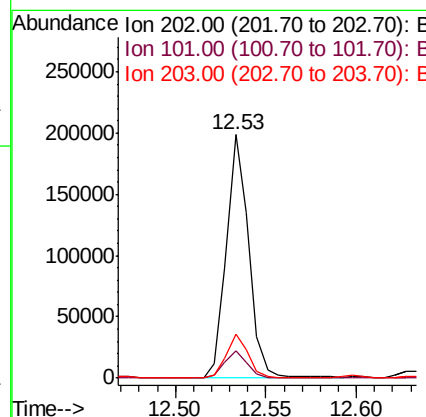
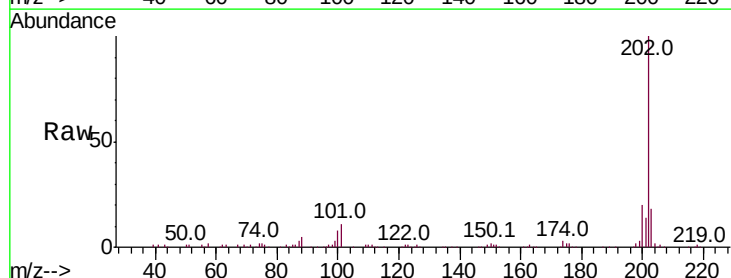
Manual Integrations
APPROVED

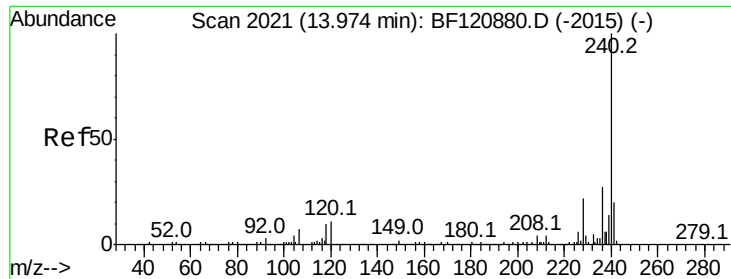
mohammad
8/10/2020 3:44:17 PM



#75
Fluoranthene
Concen: 5.612 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BF121230.D
Acq: 7 Aug 2020 14:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	30.5
203	17.9	0.0	37.7





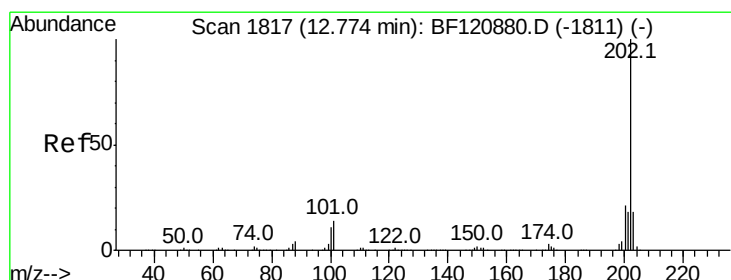
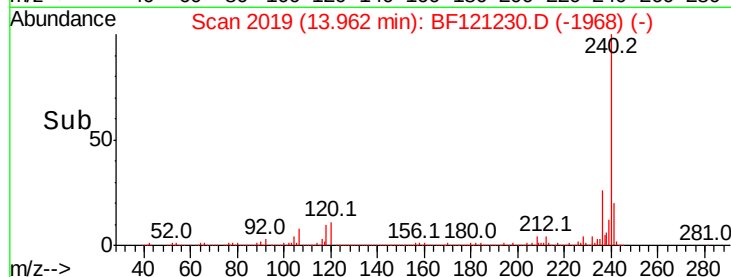
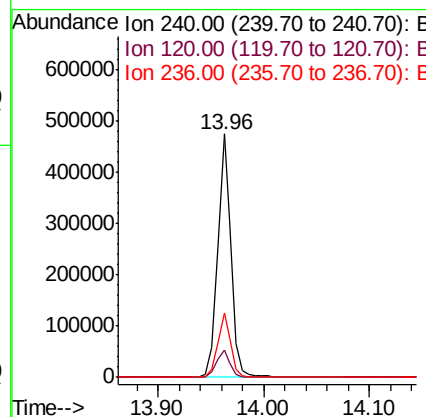
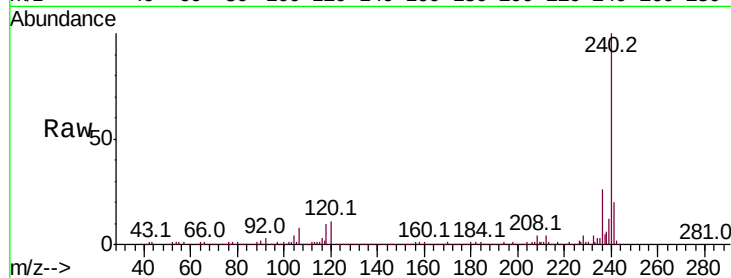
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BF121230.D
Acq: 7 Aug 2020 14:29

Instrument :
BNA_F
ClientSampleId :
TP-3

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.3	13.9
236	26.3	21.1	31.7

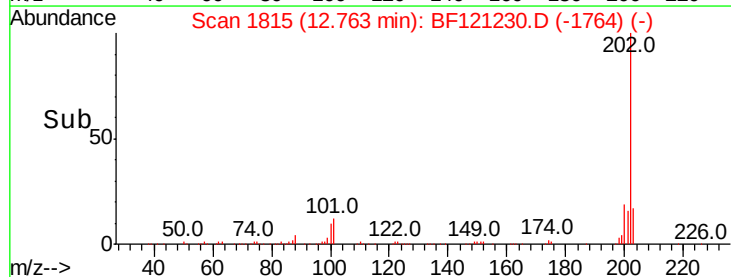
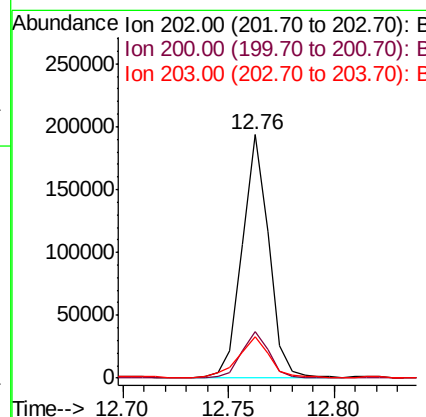
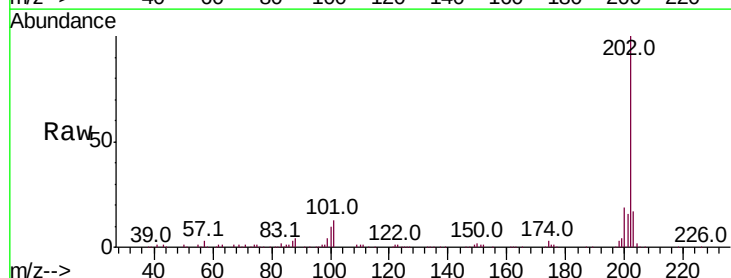
Manual Integrations
APPROVED

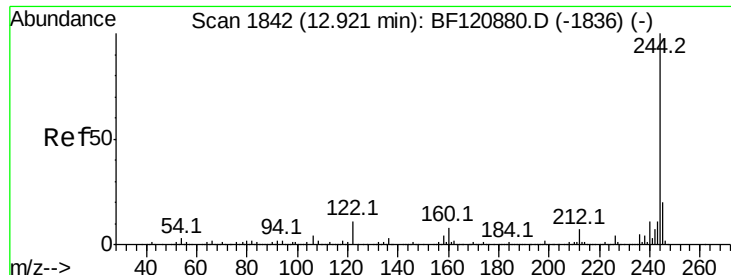
mohammad
8/10/2020 3:44:17 PM



#78
Pyrene
Concen: 5.643 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.00 min
Lab File: BF121230.D
Acq: 7 Aug 2020 14:29

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.3	17.0	25.6
203	16.9	14.6	21.8





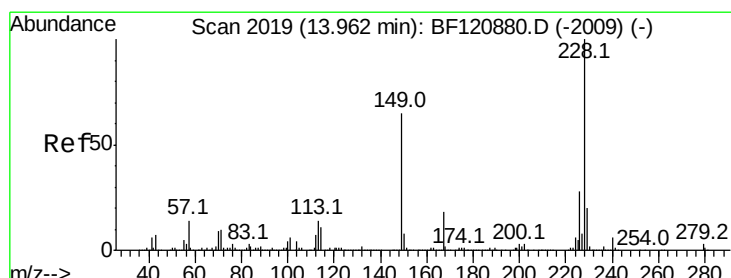
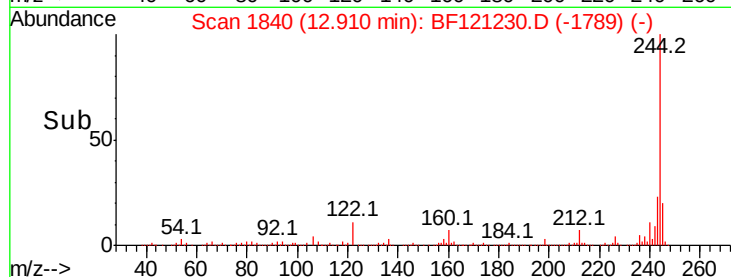
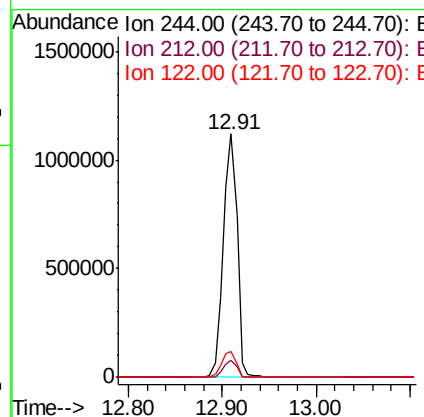
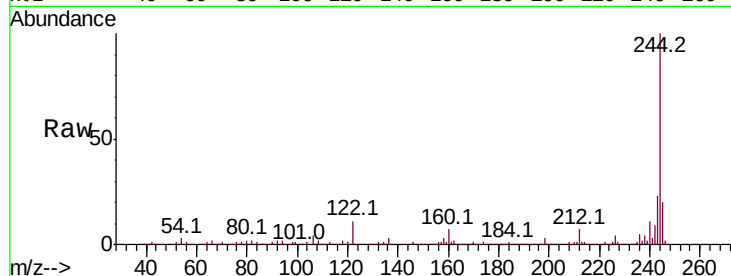
#79
 Terphenyl-d14
 Concen: 59.284 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BF121230.D
 Acq: 7 Aug 2020 14:29

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	10.9	8.3	12.5

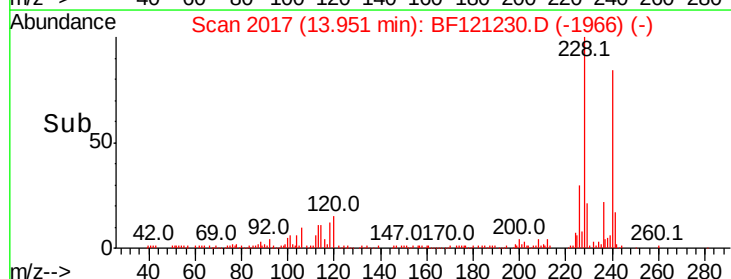
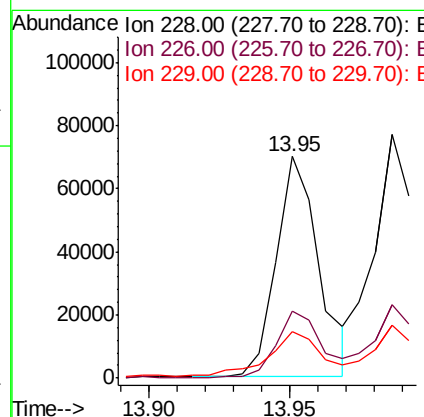
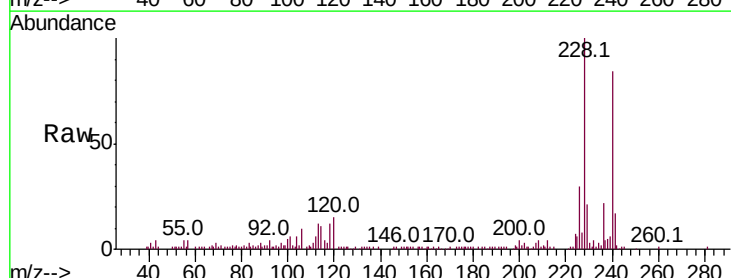
Manual Integrations
 APPROVED

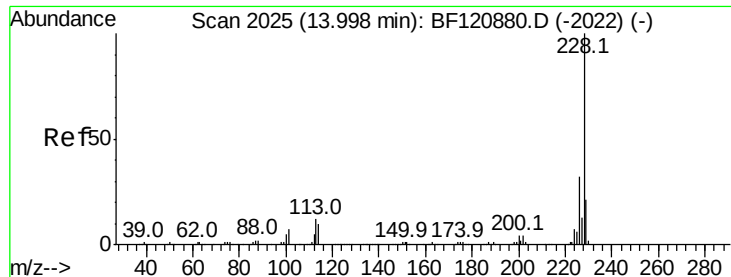
mohammad
 8/10/2020 3:44:17 PM



#81
 Benzo(a)anthracene
 Concen: 2.836 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.00 min
 Lab File: BF121230.D
 Acq: 7 Aug 2020 14:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.6	34.0
229	21.3	16.1	24.1





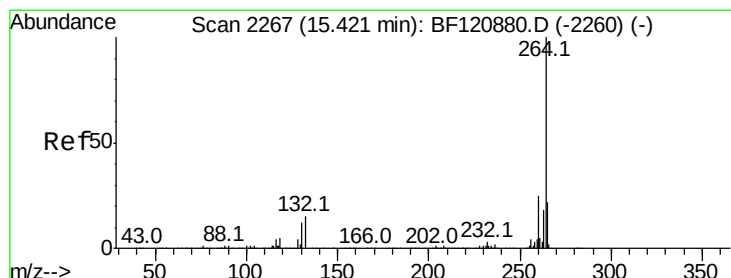
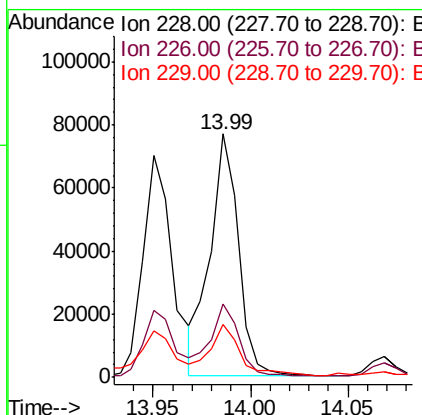
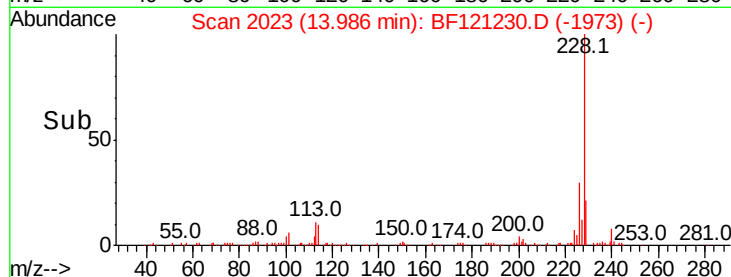
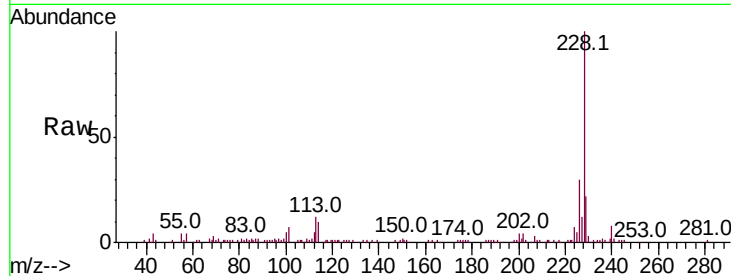
#83
Chrysene
Concen: 2.886 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF121230.D
Acq: 7 Aug 2020 14:29

Instrument :
BNA_F
ClientSampled :
TP-3

Tot Ion:	228	Resp:	78254
Ion Ratio	Lower	Upper	
228	100		
226	30.3	25.4	38.0
229	21.6	16.2	24.4

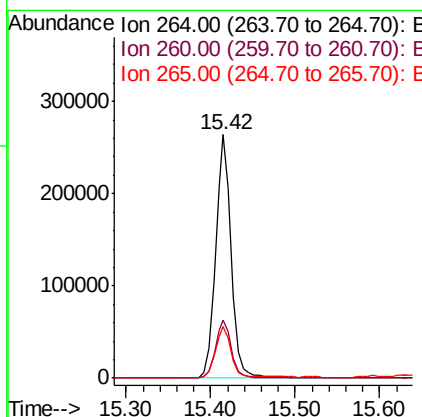
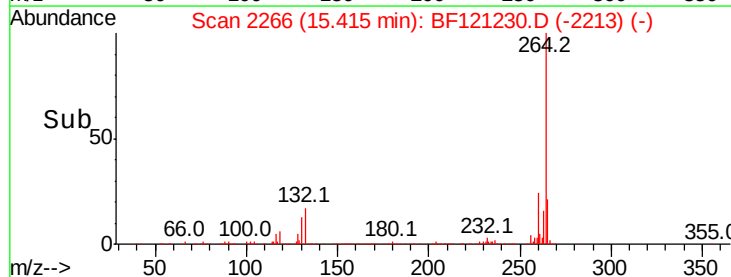
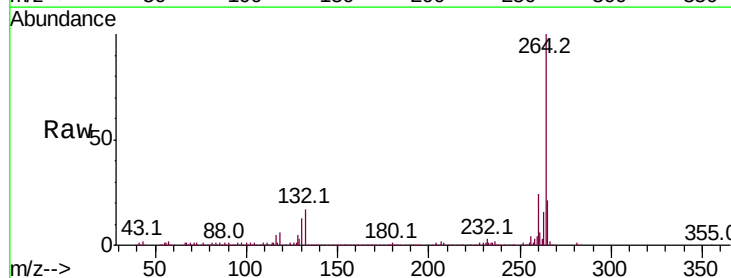
Manual Integrations
APPROVED

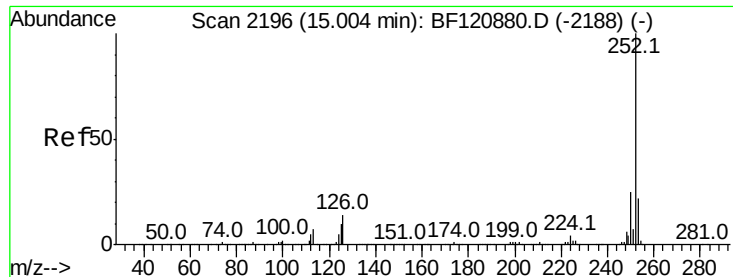
mohammad
8/10/2020 3:44:17 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF121230.D
Acq: 7 Aug 2020 14:29

Tgt Ion:	264	Resp:	344080
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.9	29.9
265	21.0	17.8	26.8





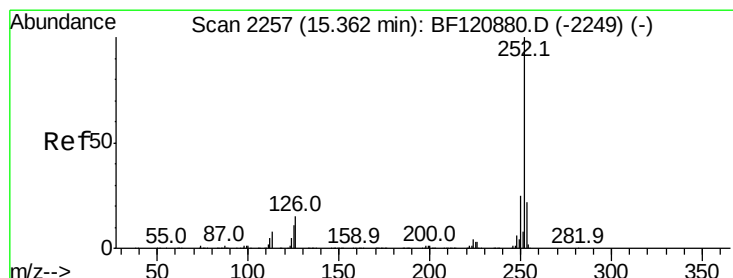
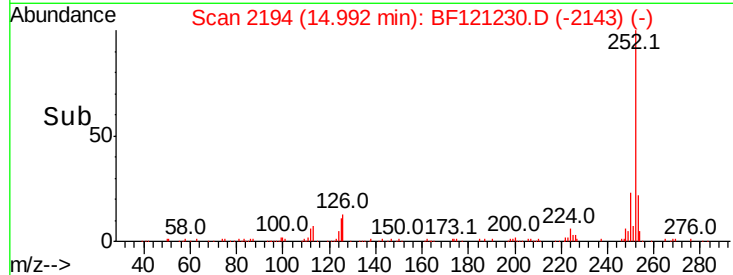
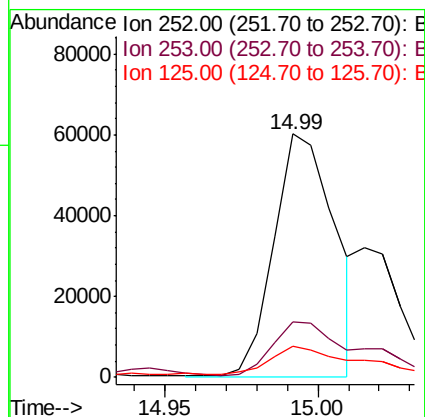
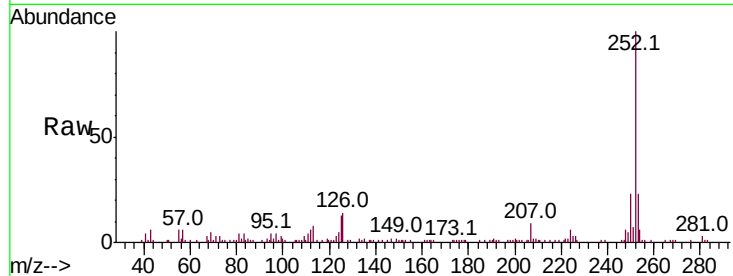
#88
Benzo(b)fluoranthene
Concen: 4.037 ng m
RT: 14.99 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BF121230.D
Acq: 7 Aug 2020 14:29

Instrument :
BNA_F
ClientSampled :
TP-3

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	12.7	8.1	12.1

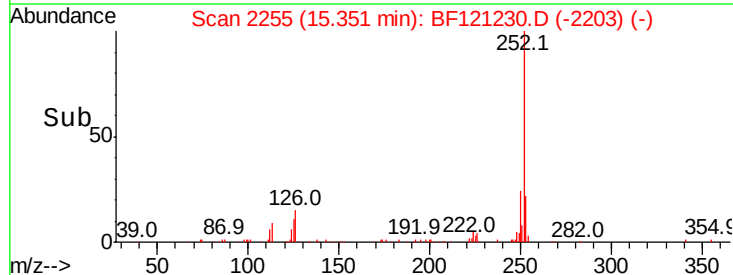
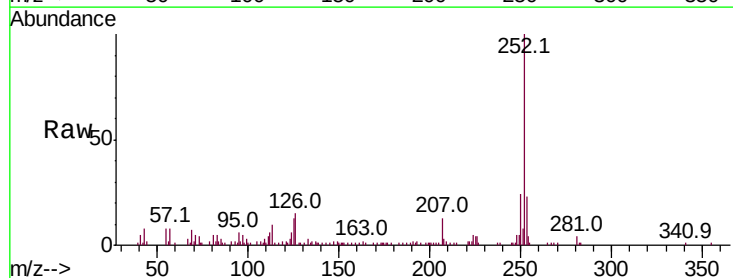
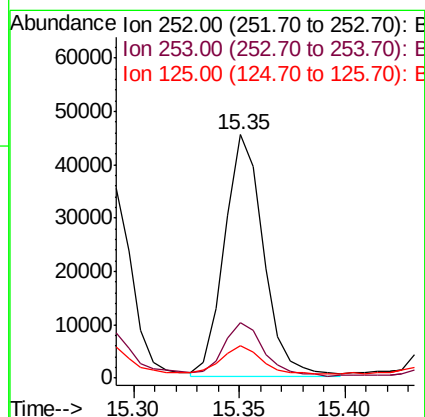
Manual Integrations
APPROVED

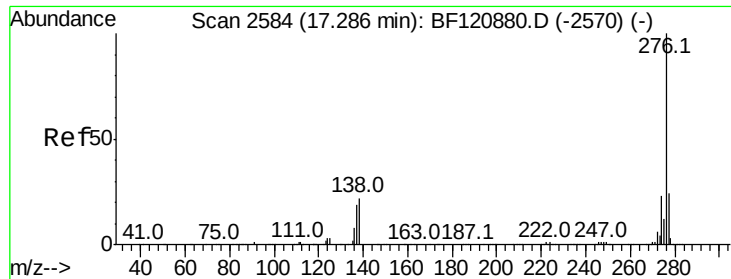
mohammad
8/10/2020 3:44:17 PM



#90
Benzo(a)pyrene
Concen: 3.054 ng
RT: 15.35 min Scan# 2255
Delta R.T. 0.01 min
Lab File: BF121230.D
Acq: 7 Aug 2020 14:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	13.2	9.5	14.3





#92
 Benzo(a,h,i)perylene
 Concen: 2.313 ng
 RT: 17.28 min Scan# 2583
 Delta R.T. 0.02 min
 Lab File: BF121230.D
 Acq: 7 Aug 2020 14:29

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tot Ion:	276	Resp:	44584
Ion Ratio	Lower	Upper	
276	100		
277	25.2	19.4	29.0
138	23.0	17.2	25.8

Manual Integrations
 APPROVED

mohammad
 8/10/2020 3:44:17 PM

