

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
 Data File : BF116335.D
 Acq On : 16 Aug 2019 23:18
 Operator : HP/JU
 Sample : K4377-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-50

Manual Integrations
 APPROVED

mohammad
 8/20/2019 8:37:03 AM

Quant Time: Aug 17 05:18:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	151328	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	575802	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	290401	20.00	ng	-0.04
64) Phenanthrene-d10	11.33	188	488122	20.00	ng	-0.04
76) Chrysene-d12	13.98	240	299231	20.00	ng	-0.03
87) Perylene-d12	15.44	264	300264	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1088111	120.37	ng	-0.02
7) Phenol-d6	6.46	99	1404082	123.11	ng	-0.02
23) Nitrobenzene-d5	7.38	82	911632	91.39	ng	-0.04
42) 2,4,6-Tribromophenol	10.64	330	335330	119.10	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	1334940	86.10	ng	-0.04
79) Terphenyl-d14	12.92	244	1230173	86.63	ng	-0.04
Target Compounds						Qvalue
50) Dimethylphthalate	9.56	163	313533	15.857	ng	99
71) Phenanthrene	11.36	178	59558	2.387	ng	99
75) Fluoranthene	12.55	202	122811	4.701	ng	99
78) Pyrene	12.78	202	107540	4.768	ng	97
83) Chrysene	14.00	228	47116	2.537	ng	97
88) Benzo(b)fluoranthene	15.02	252	49975m	2.878	ng	
90) Benzo(a)pyrene	15.39	252	32312	2.082	ng	100

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

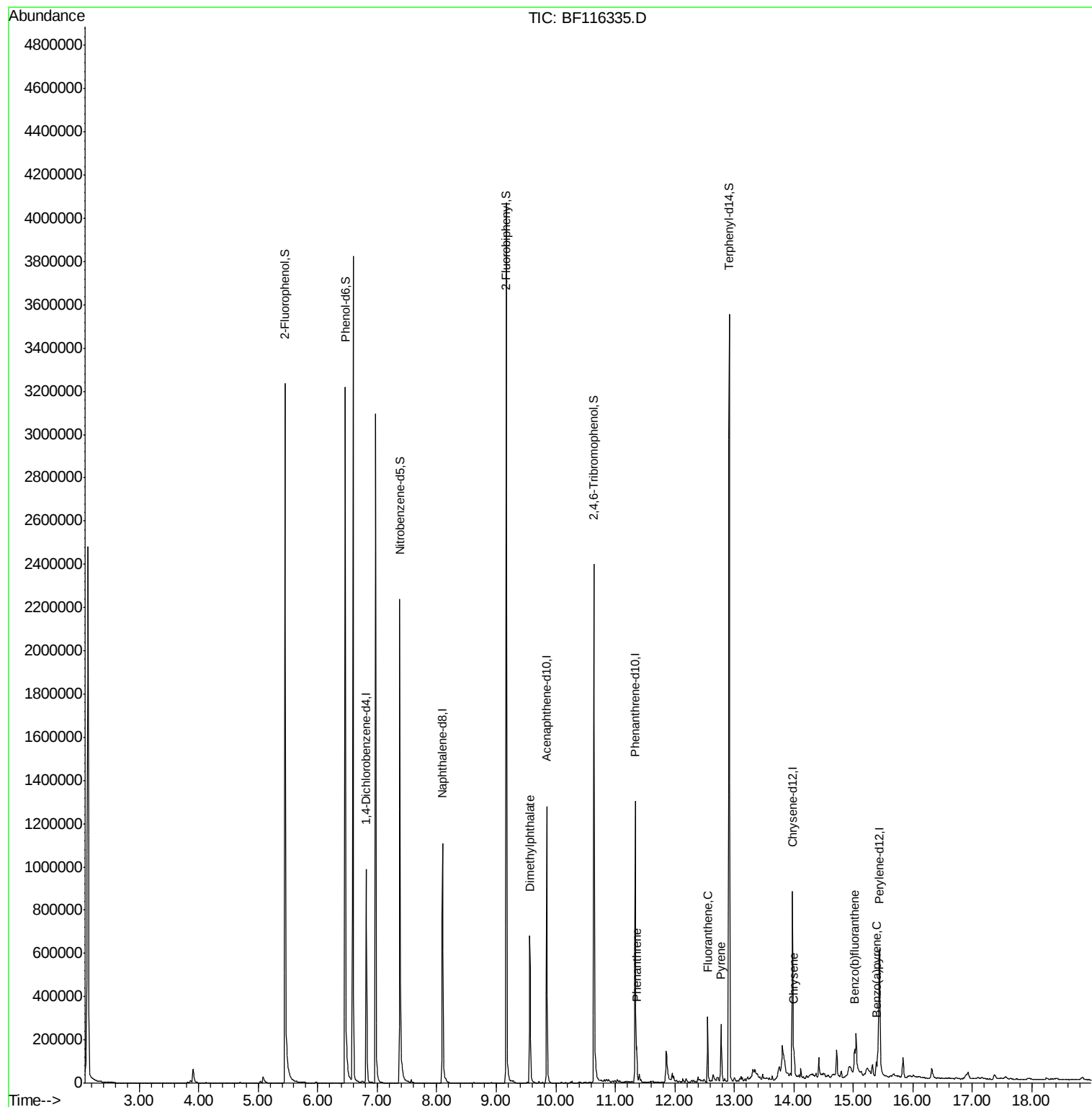
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
Data File : BF116335.D
Acq On : 16 Aug 2019 23:18
Operator : HP/JU
Sample : K4377-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

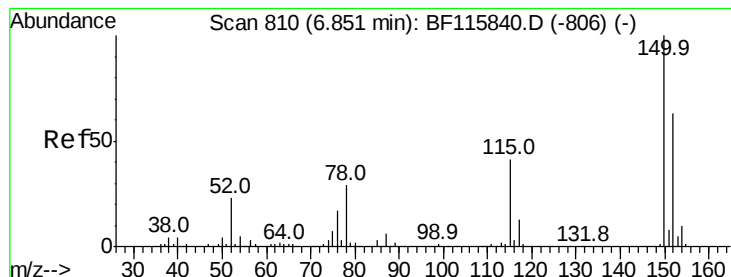
Instrument :
BNA_F
ClientSampleId :
RBR-50

Manual Integrations
APPROVED

mohammad
8/20/2019 8:37:03 AM

Quant Time: Aug 17 05:18:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration





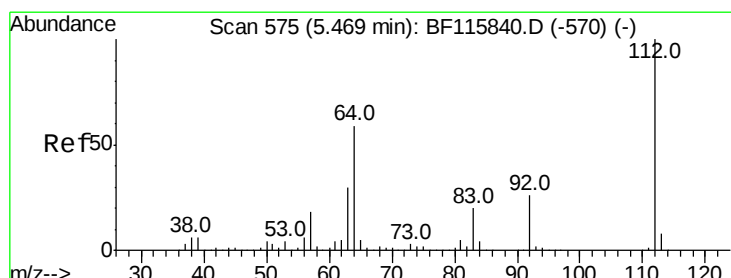
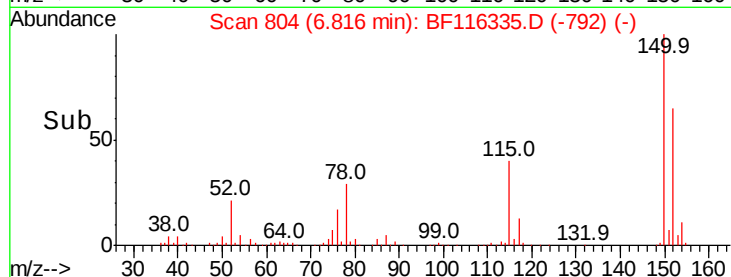
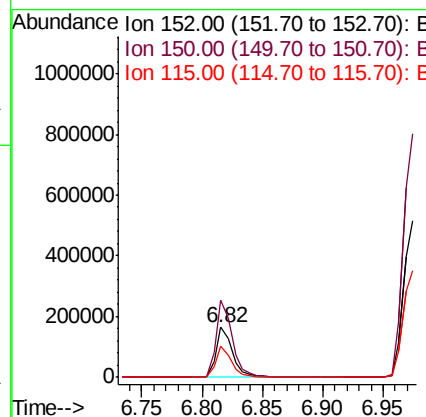
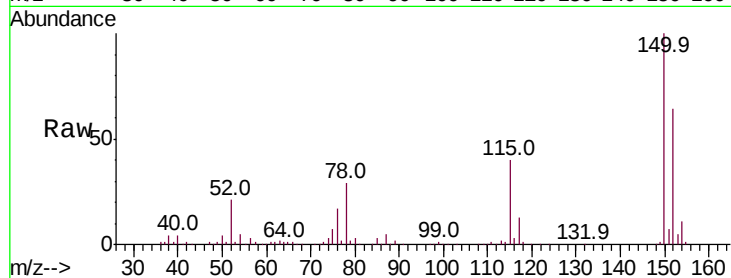
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.03 min
 Lab File: BF116335.D
 Acq: 16 Aug 2019 23:18

Instrument :
 BNA_F
 ClientSampled :
 RBR-50

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	126.2	189.2
115	62.5	49.9	74.9

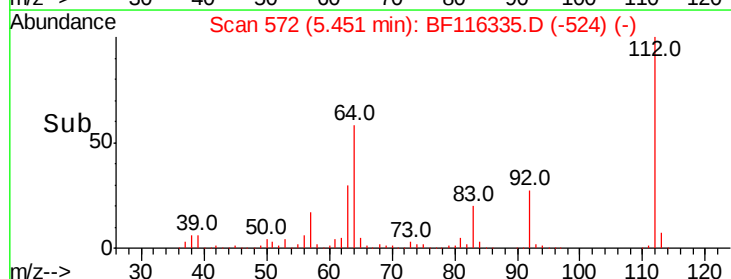
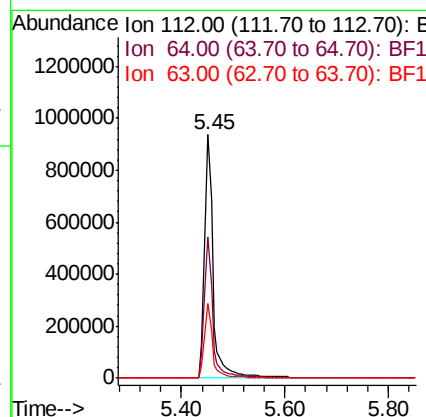
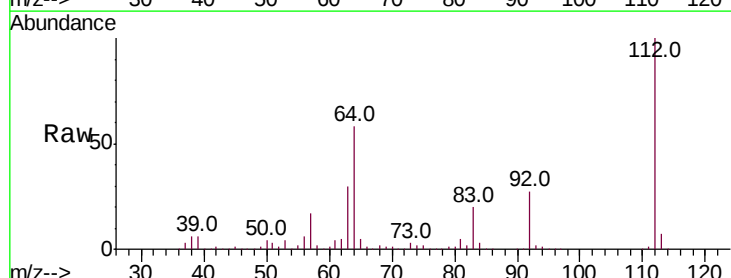
Manual Integrations
 APPROVED

mohammad
 8/20/2019 8:37:03 AM



#5
 2-Fluorophenol
 Concen: 120.372 ng
 RT: 5.45 min Scan# 572
 Delta R.T. -0.02 min
 Lab File: BF116335.D
 Acq: 16 Aug 2019 23:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	45.4	68.2
63	30.5	23.7	35.5





#7

Phenol-d6

Concen: 123.111 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF116335.D

Acq: 16 Aug 2019 23:18

Instrument :

BNA_F

ClientSampleId :

RBR-50

Tot Ion: 99 Resp: 1404082

Ion Ratio Lower Upper

99 100

42 16.8 13.8 20.8

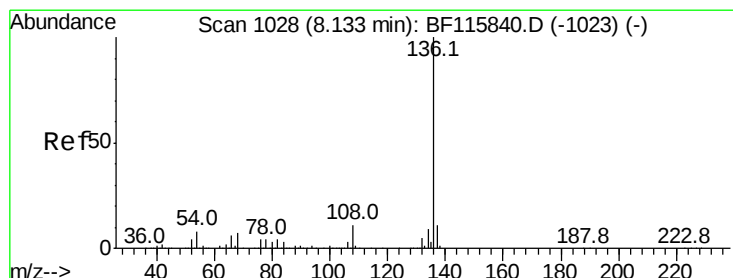
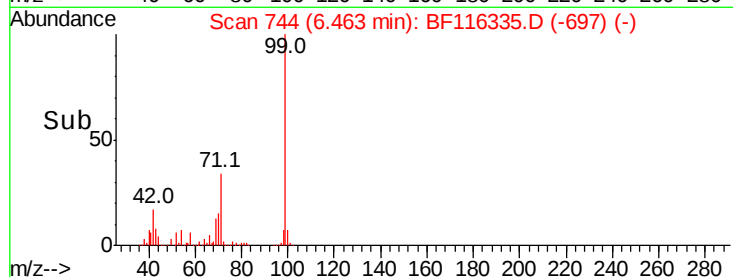
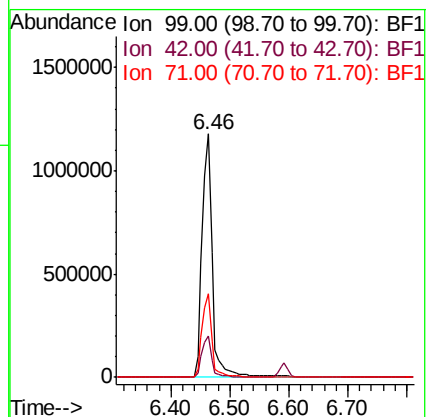
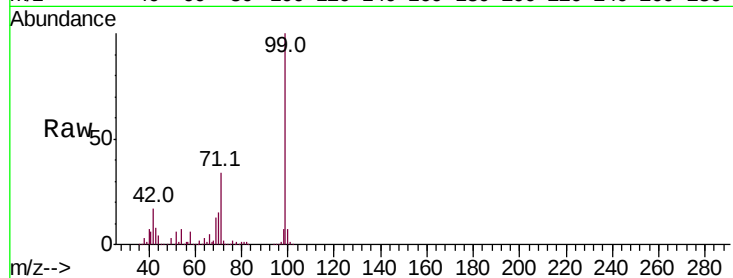
71 34.3 27.3 40.9

Manual Integrations

APPROVED

mohammad

8/20/2019 8:37:03 AM



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.03 min

Lab File: BF116335.D

Acq: 16 Aug 2019 23:18

Tgt Ion: 136 Resp: 575802

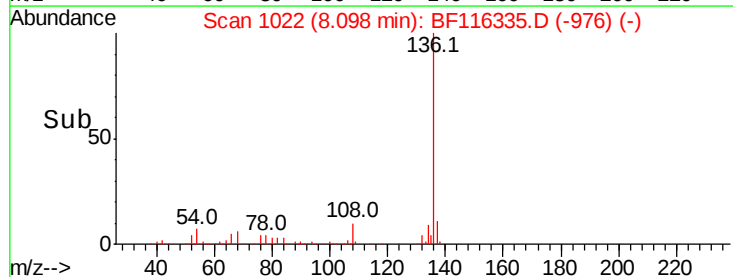
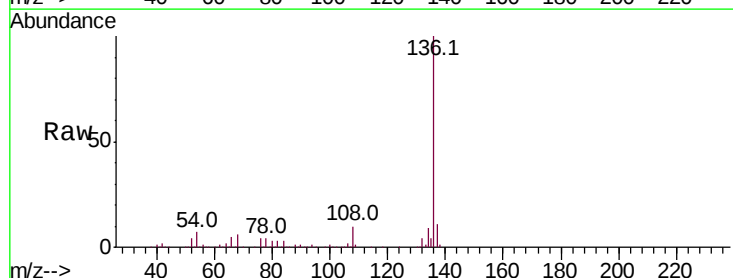
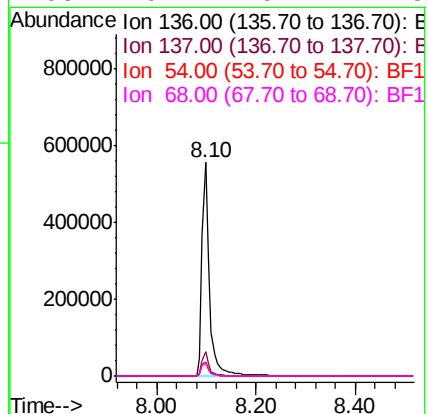
Ion Ratio Lower Upper

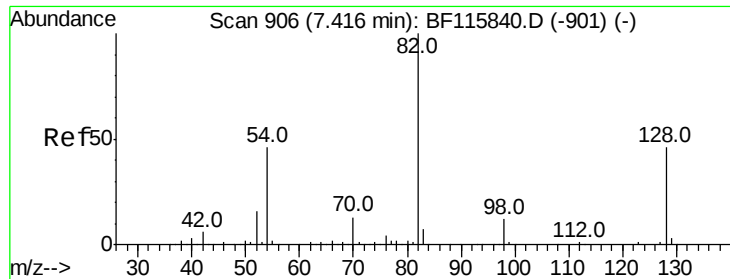
136 100

137 11.1 9.0 13.4

54 6.8 5.8 8.6

68 6.1 5.2 7.8





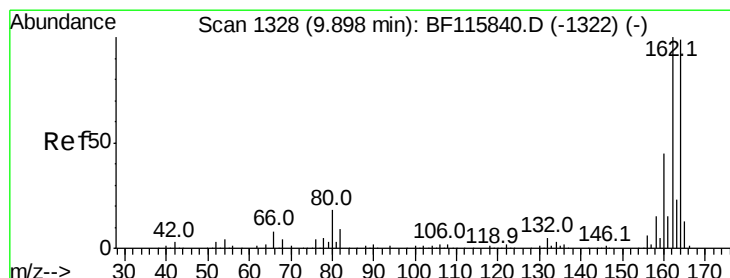
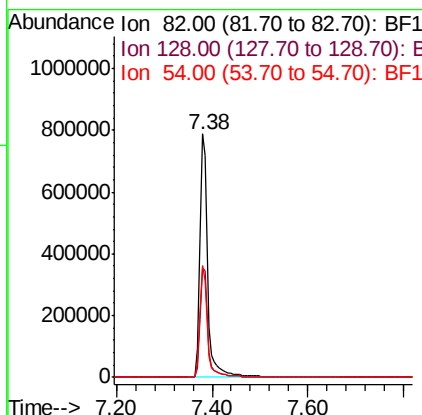
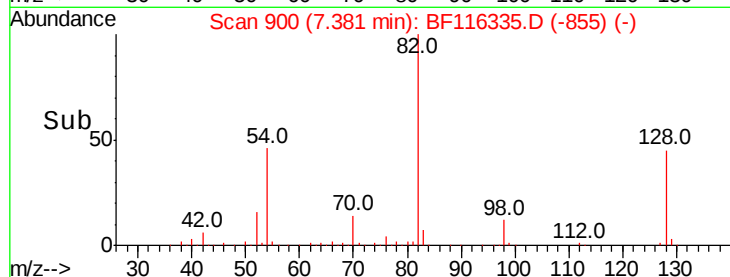
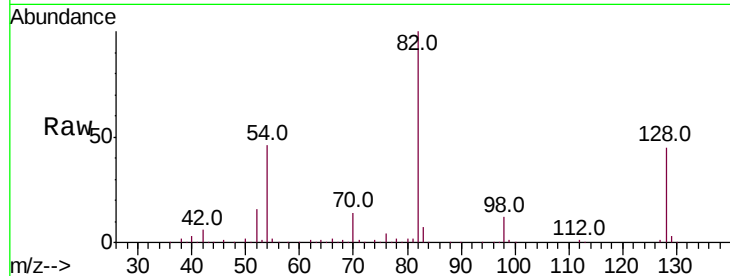
#23
 Nitrobenzene-d5
 Concen: 91.389 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.04 min
 Lab File: BF116335.D
 Acq: 16 Aug 2019 23:18

Instrument :
 BNA_F
 ClientSampleId :
 RBR-50

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.5	54.7
54	46.0	36.0	54.0

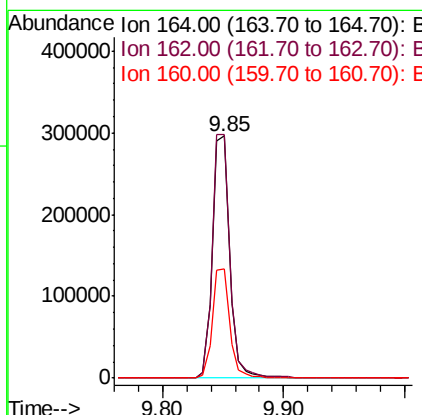
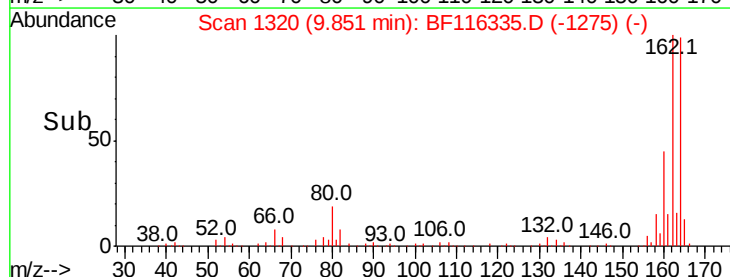
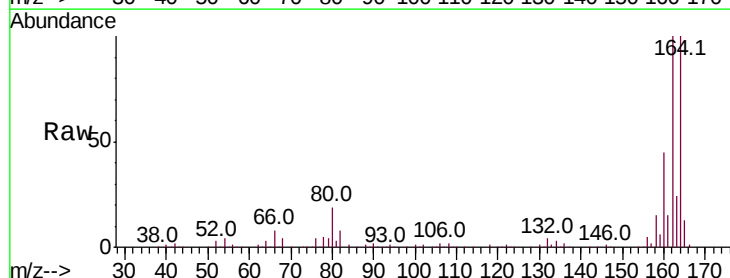
Manual Integrations
 APPROVED

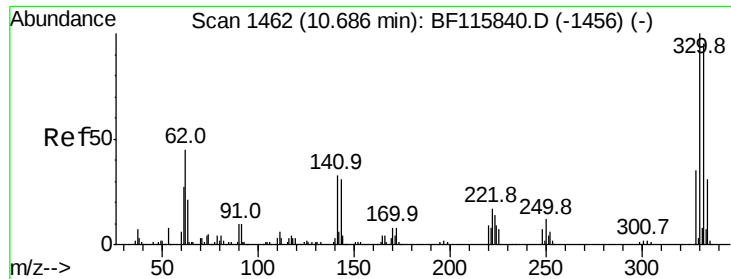
mohammad
 8/20/2019 8:37:03 AM



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.04 min
 Lab File: BF116335.D
 Acq: 16 Aug 2019 23:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.4	82.6	124.0
160	45.3	37.6	56.4





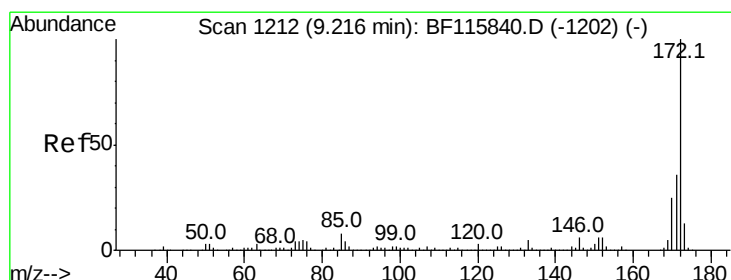
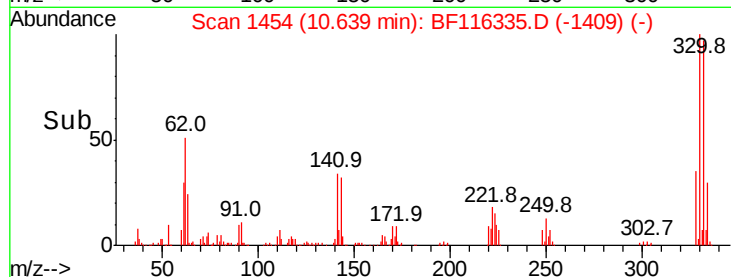
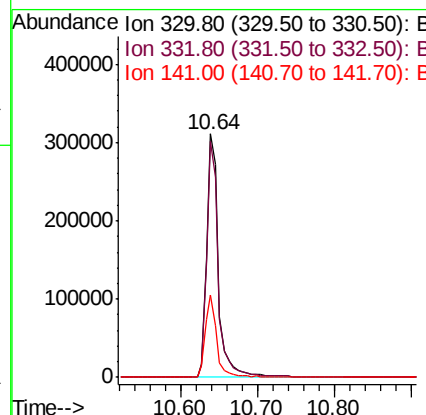
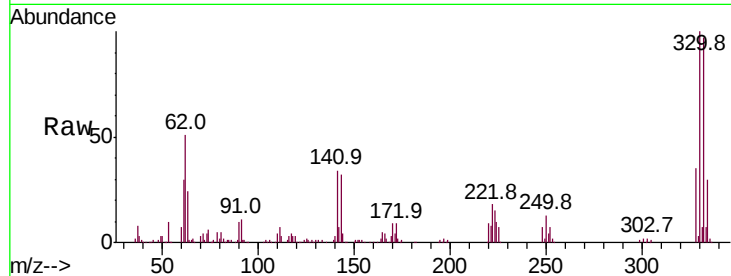
#42
 2,4,6-Tribromophenol
 Concen: 119.101 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.04 min
 Lab File: BF116335.D
 Acq: 16 Aug 2019 23:18

Instrument :
 BNA_F
 ClientSampled :
 RBR-50

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.5	76.8	115.2	
141	33.3	26.3	39.5	

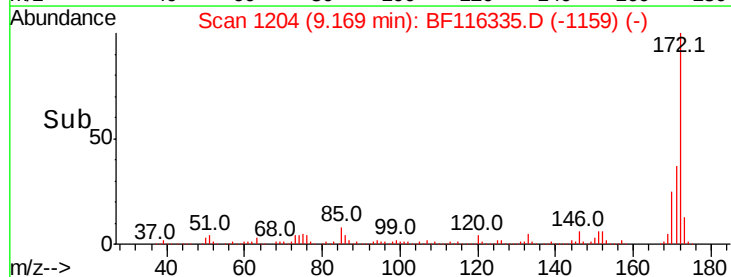
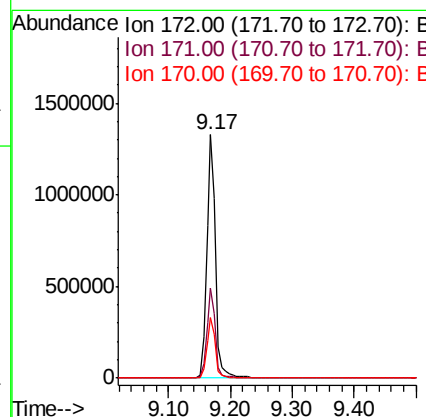
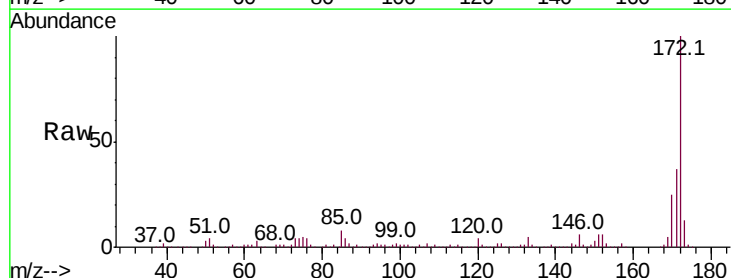
Manual Integrations
 APPROVED

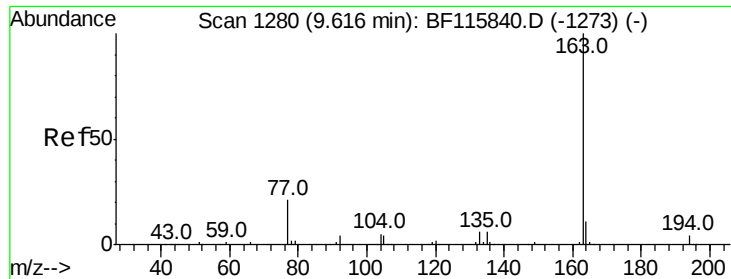
mohammad
 8/20/2019 8:37:03 AM



#45
 2-Fluorobiphenyl
 Concen: 86.103 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF116335.D
 Acq: 16 Aug 2019 23:18

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.7	29.6	44.4	
170	24.9	20.1	30.1	





#50

Dimethylphthalate

Concen: 15.857 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.04 min

Lab File: BF116335.D

Acq: 16 Aug 2019 23:18

Instrument :

BNA_F

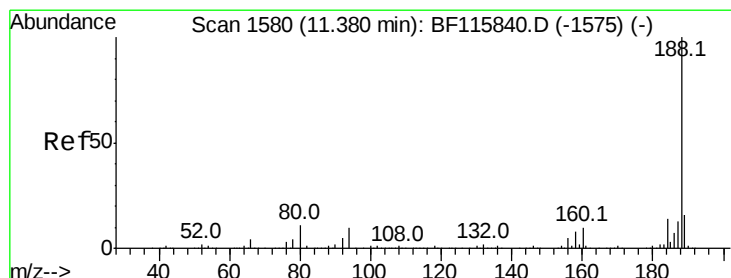
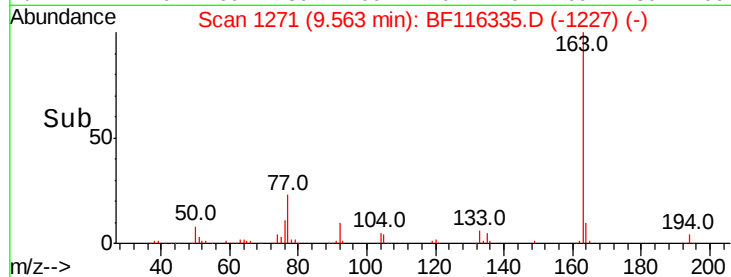
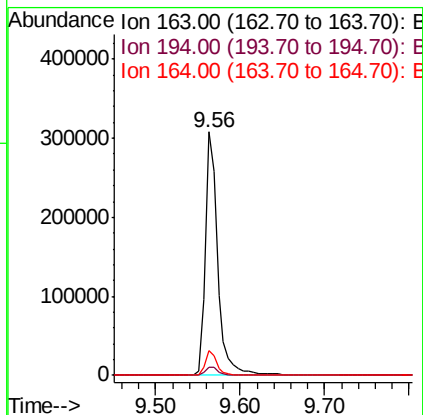
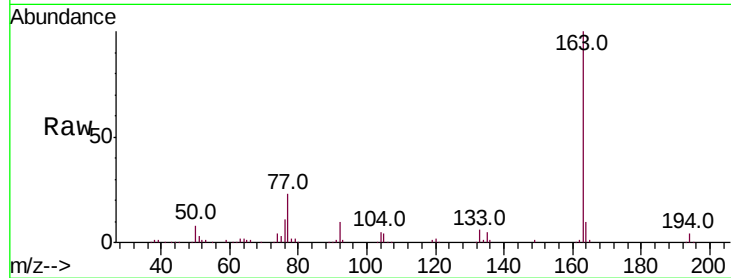
ClientSampleId :

RBR-50

Tot Ion:	163	Resp:	313533
Ion Ratio	Lower	Upper	
163	100		
194	3.6	3.0	4.6
164	10.1	8.4	12.6

Manual Integrations
APPROVED

mohammad
8/20/2019 8:37:03 AM



#64

Phenanthrene-d10

Concen: 20.000 ng

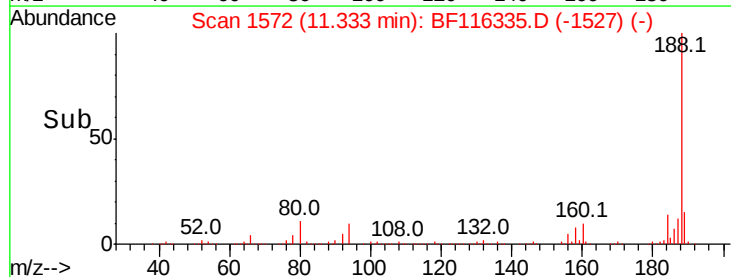
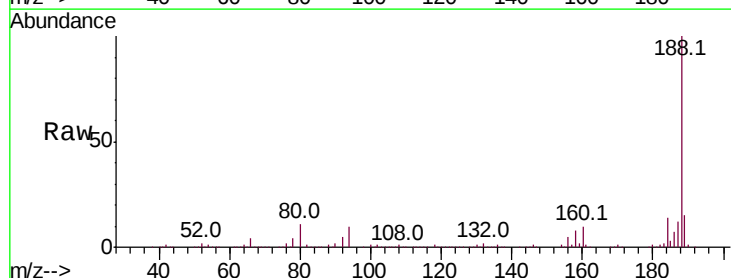
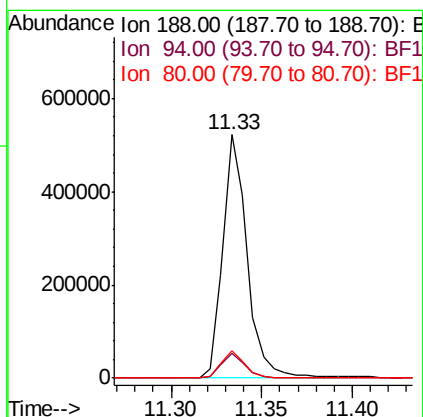
RT: 11.33 min Scan# 1572

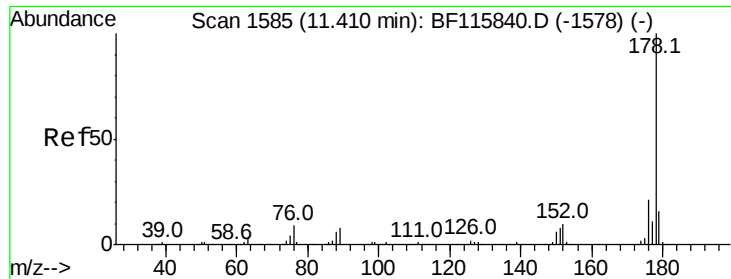
Delta R.T. -0.04 min

Lab File: BF116335.D

Acq: 16 Aug 2019 23:18

Tgt Ion:	188	Resp:	488122
Ion Ratio	Lower	Upper	
188	100		
94	10.2	8.1	12.1
80	11.1	8.7	13.1





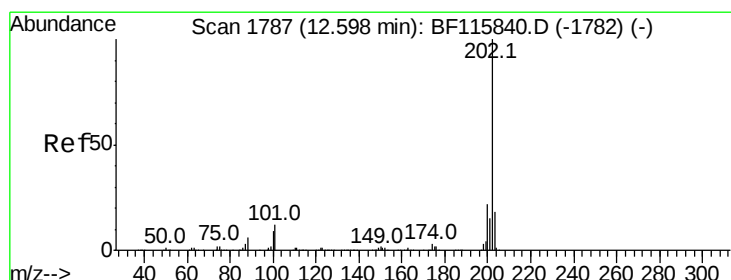
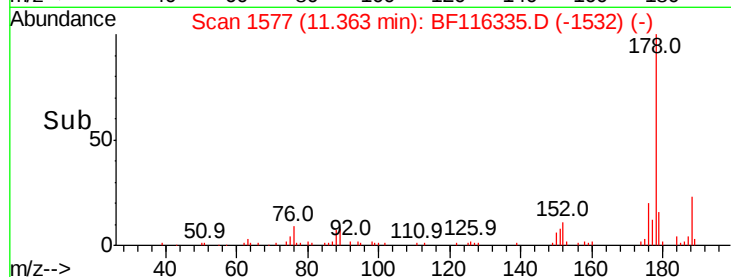
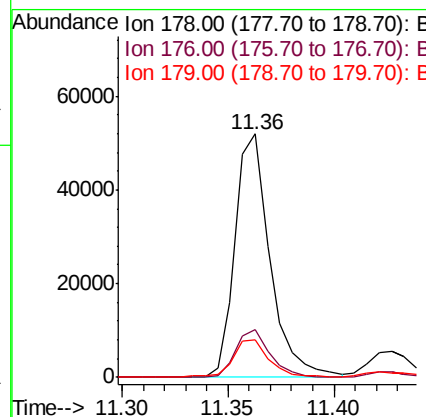
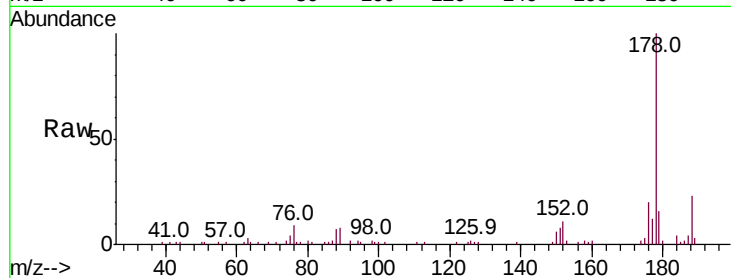
#71
Phenanthrene
Concen: 2.387 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.04 min
Lab File: BF116335.D
Acq: 16 Aug 2019 23:18

Instrument :
BNA_F
ClientSampleId :
RBR-50

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.6	24.8
179	15.5	12.5	18.7

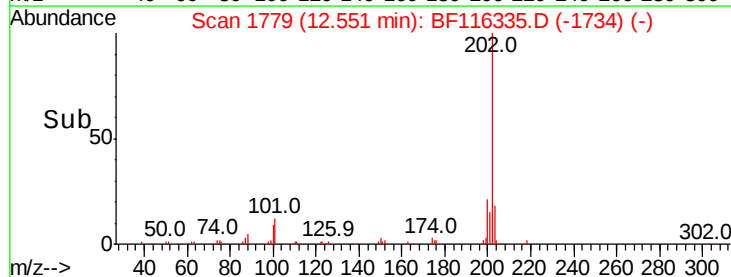
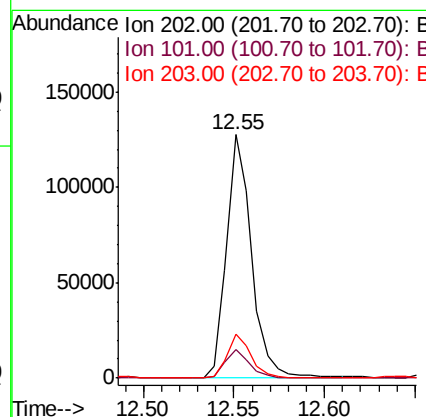
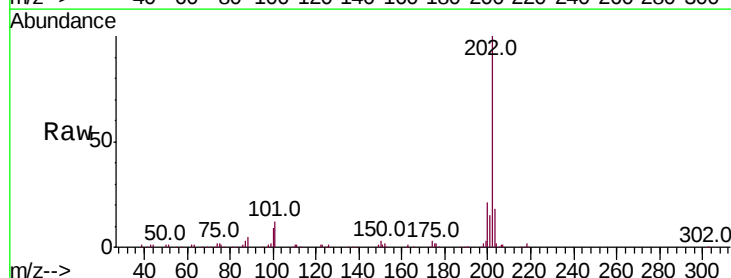
Manual Integrations
APPROVED

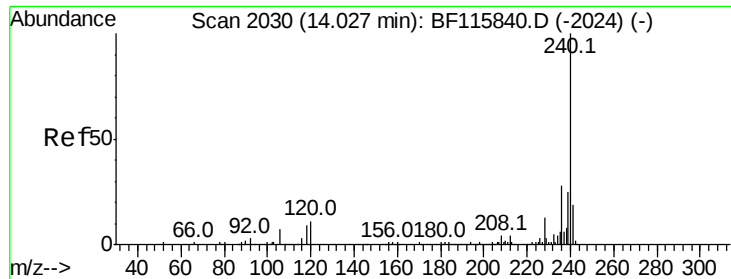
mohammad
8/20/2019 8:37:03 AM



#75
Fluoranthene
Concen: 4.701 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.04 min
Lab File: BF116335.D
Acq: 16 Aug 2019 23:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.2
203	18.0	0.0	37.8





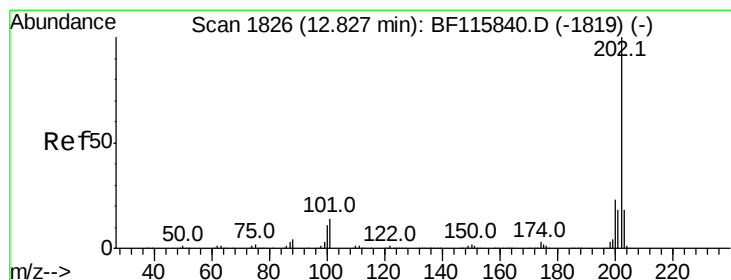
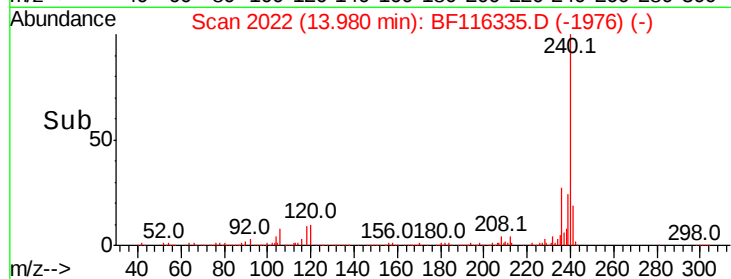
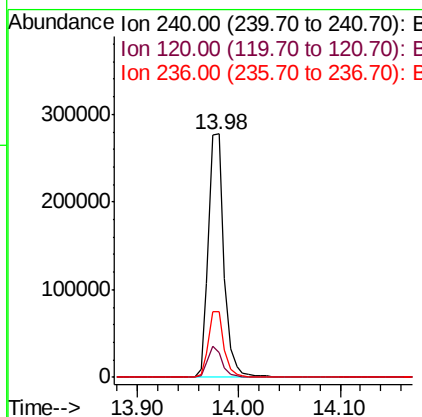
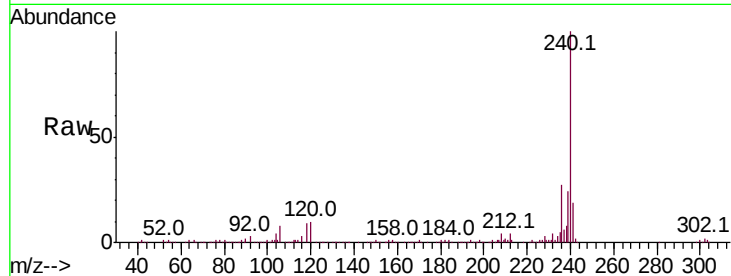
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.03 min
 Lab File: BF116335.D
 Acq: 16 Aug 2019 23:18

Instrument :
 BNA_F
 ClientSampleId :
 RBR-50

Tot Ion	Ratio	Resp	Lower	Upper
240	100	299231		
120	10.3	10.7	16.1	#
236	27.2	22.2	33.2	

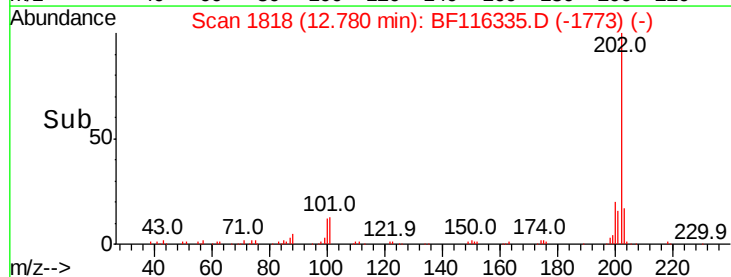
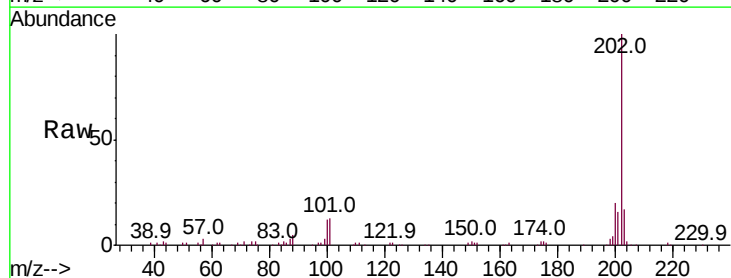
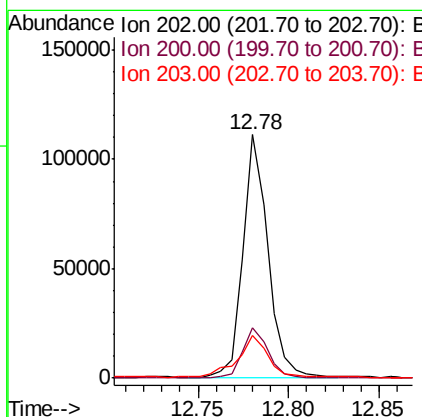
Manual Integrations
 APPROVED

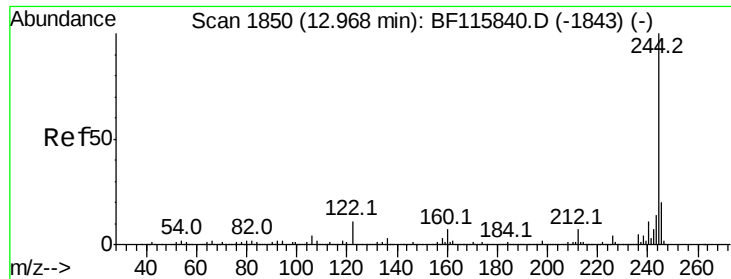
mohammad
 8/20/2019 8:37:03 AM



#78
 Pyrene
 Concen: 4.768 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.04 min
 Lab File: BF116335.D
 Acq: 16 Aug 2019 23:18

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	107540		
200	20.5	18.0	27.0	
203	17.3	14.1	21.1	





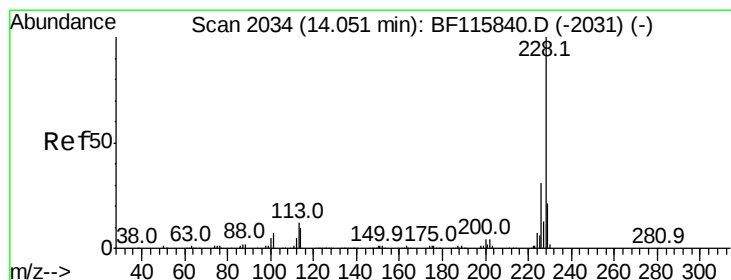
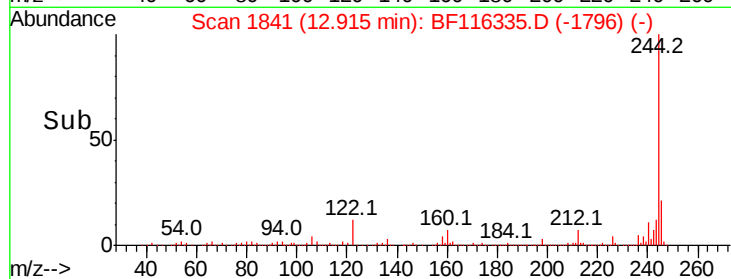
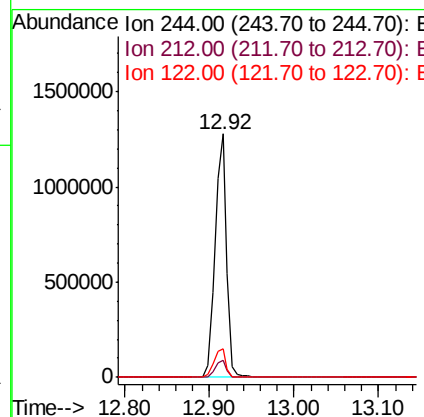
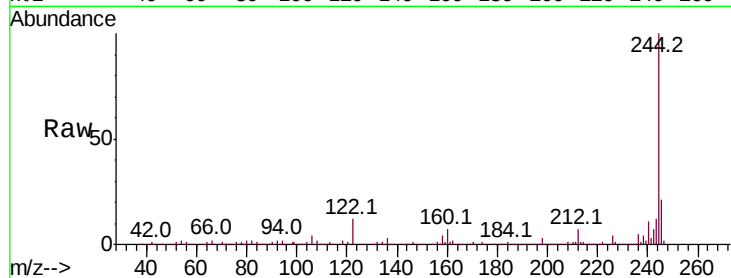
#79
 Terphenyl-d14
 Concen: 86.628 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: BF116335.D
 Acq: 16 Aug 2019 23:18

Instrument :
 BNA_F
 ClientSampleId :
 RBR-50

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	11.5	9.0	13.4

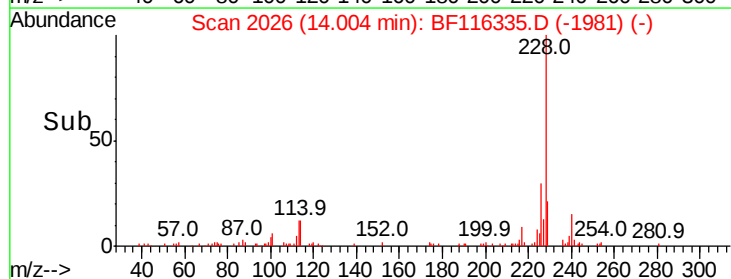
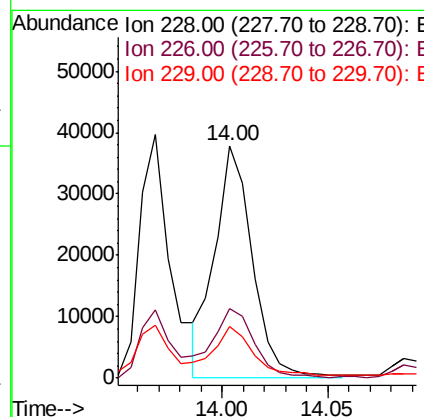
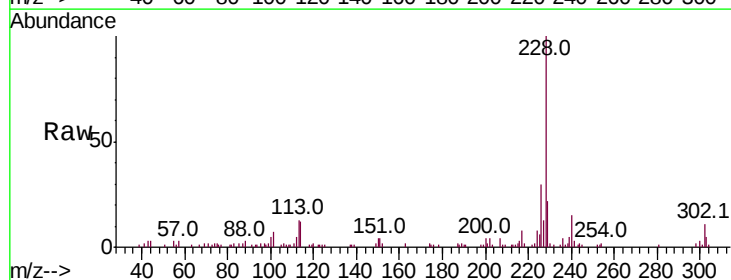
Manual Integrations
 APPROVED

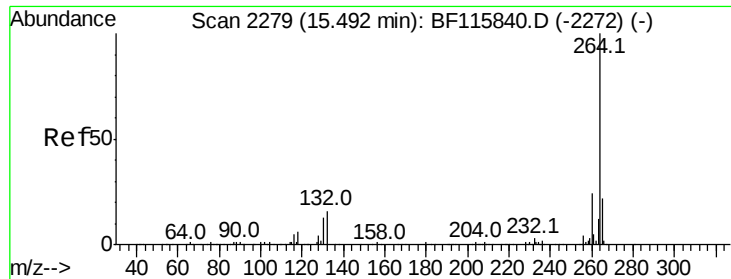
mohammad
 8/20/2019 8:37:03 AM



#83
 Chrysene
 Concen: 2.537 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.04 min
 Lab File: BF116335.D
 Acq: 16 Aug 2019 23:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.5	38.3
229	22.1	16.6	24.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2270

Delta R.T. -0.04 min

Lab File: BF116335.D

Acq: 16 Aug 2019 23:18

Instrument :

BNA_F

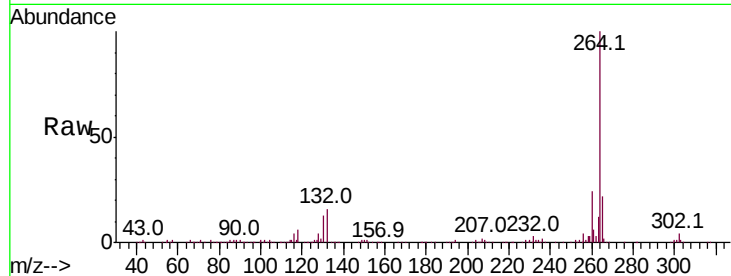
ClientSampleId :

RBR-50

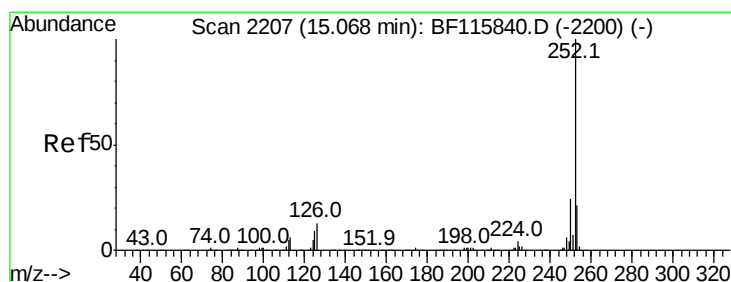
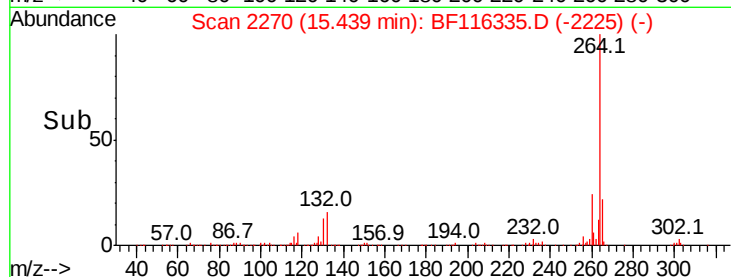
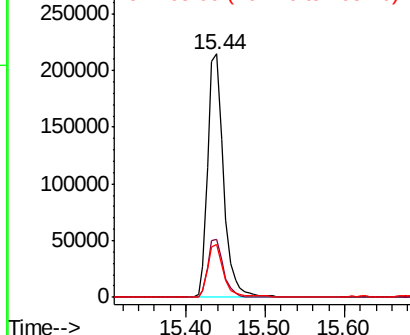
Tot Ion:	264	Resp:	300264
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.7	29.5
265	22.0	17.4	26.0

Manual Integrations
APPROVED

mohammad
8/20/2019 8:37:03 AM



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 2.878 ng m

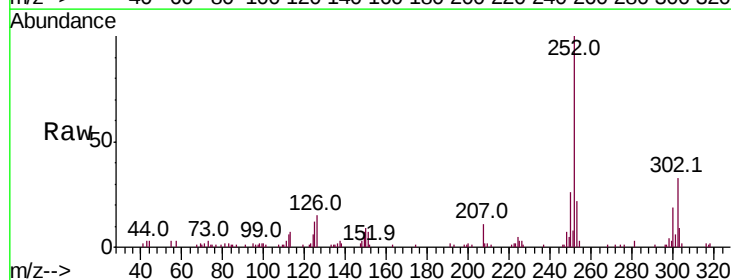
RT: 15.02 min Scan# 2199

Delta R.T. -0.03 min

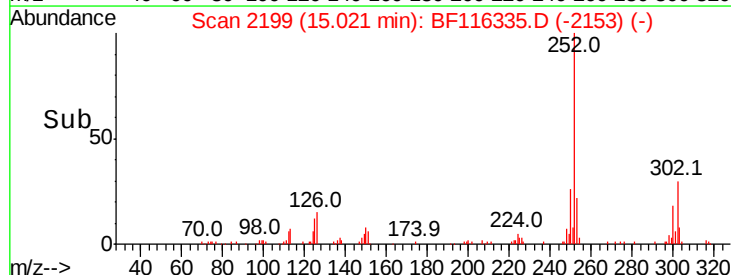
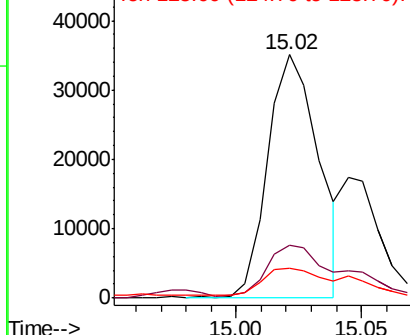
Lab File: BF116335.D

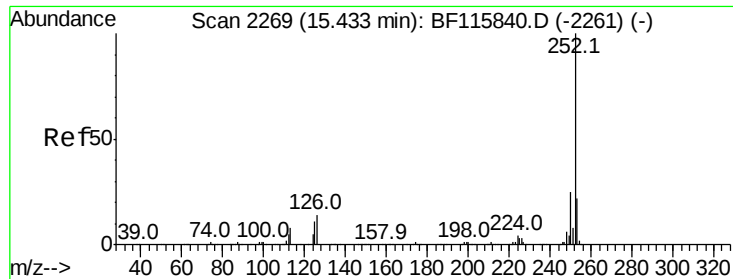
Acq: 16 Aug 2019 23:18

Tgt Ion:	252	Resp:	49975
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.8	26.8
125	12.2	8.4	12.6



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





#90
 Benzo(a)pyrene
 Concen: 2.082 ng
 RT: 15.39 min Scan# 2261
 Delta R.T. -0.03 min
 Lab File: BF116335.D
 Acq: 16 Aug 2019 23:18

Instrument :
 BNA_F
 ClientSampleId :
 RBR-50

Tot Ion:	252	Resp:	32312
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.0	27.0
125	11.4	8.9	13.3

Manual Integrations
 APPROVED

mohammad
 8/20/2019 8:37:03 AM

