

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
 Data File : BP001376.D
 Acq On : 23 Dec 2019 19:38
 Operator : JU
 Sample : K6401-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0B37

Manual Integrations
 APPROVED

mohammad
 12/24/2019 3:05:29 PM

Quant Time: Dec 24 10:12:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 20 03:20:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	76760m	20.00	ng	0.12
21) Naphthalene-d8	10.39	136	175980m	20.00	ng	0.05
39) Acenaphthene-d10	13.20	164	95973	20.00	ng	0.00
64) Phenanthrene-d10	15.61	188	185496	20.00	ng	0.01
76) Chrysene-d12	19.26	240	159317	20.00	ng	0.02
87) Perylene-d12	21.07	264	172687	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	338319	71.23	ng	0.11
7) Phenol-d6	7.80	99	989649m	159.69	ng	0.05
23) Nitrobenzene-d5	9.25	82	297862	65.00	ng	0.06
42) 2,4,6-Tribromophenol	14.50	330	104981	87.49	ng	0.01
45) 2-Fluorobiphenyl	12.12	172	450451	59.35	ng	0.00
79) Terphenyl-d14	17.90	244	547128	58.82	ng	0.02
Target Compounds						
12) 1,3-Dichlorobenzene	8.35	146	68237m	11.473	ng	Qvalue
13) 1,4-Dichlorobenzene	8.45	146	117629m	19.413	ng	
14) 1,2-Dichlorobenzene	8.68	146	216729	37.545	ng	# 16
27) 2,4-Dimethylphenol	9.86	122	63723	26.938	ng	97
31) Naphthalene	10.43	128	1360025	141.578	ng	98
37) 2-Methylnaphthalene	11.52	142	81164	12.239	ng	99
38) 1-Methylnaphthalene	11.67	142	38387	6.157	ng	# 99
50) Dimethylphthalate	12.79	163	95624	12.145	ng	98
84) Bis(2-ethylhexyl)phthalate	19.30	149	93709	11.074	ng	91

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

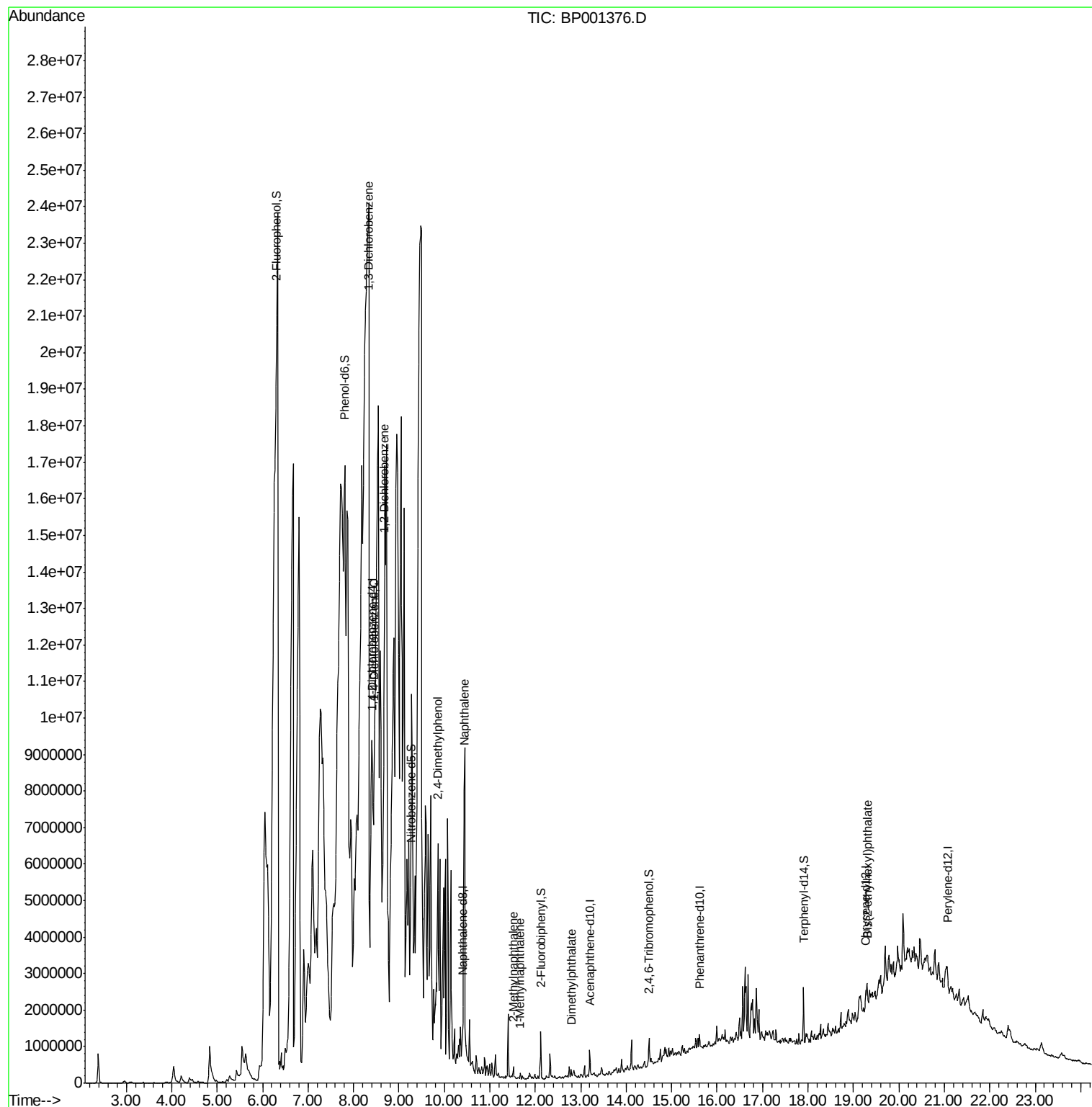
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001376.D
Acq On : 23 Dec 2019 19:38
Operator : JU
Sample : K6401-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

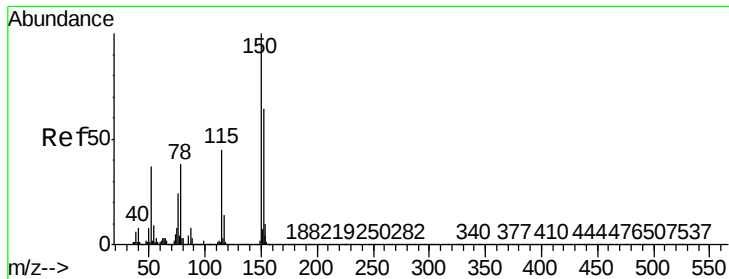
Instrument :
BNA_P
ClientSampleId :
C0B37

Manual Integrations
APPROVED

mohammad
12/24/2019 3:05:29 PM

Quant Time: Dec 24 10:12:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 20 03:20:39 2019
Response via : Initial Calibration





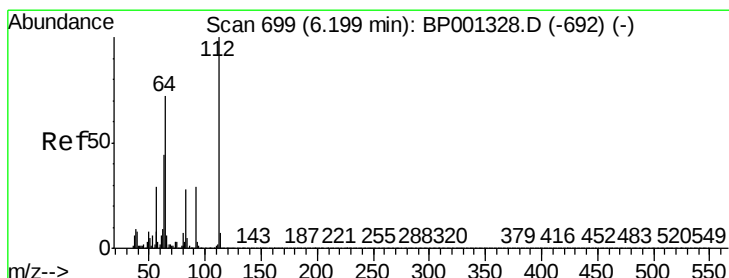
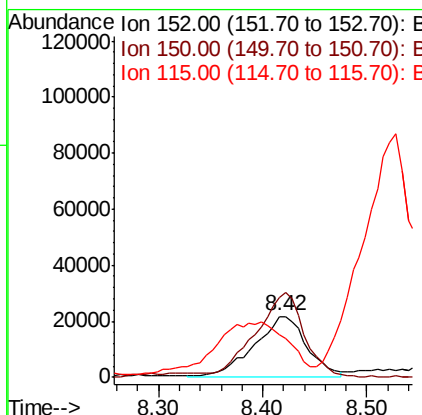
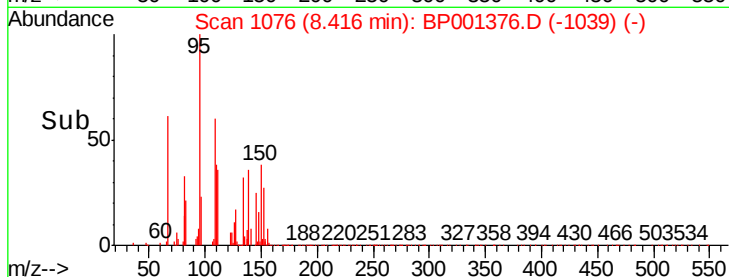
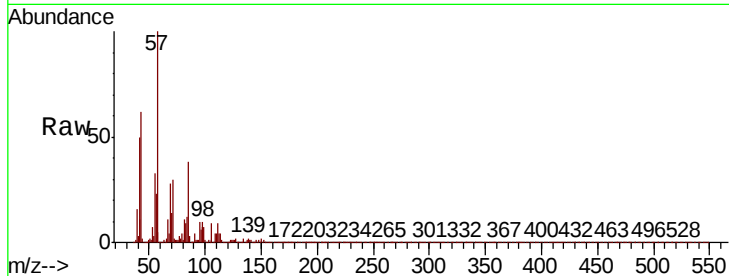
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng/ml
 RT: 8.42 min Scan# 1076
 Delta R.T. 0.12 min
 Lab File: BP001376.D
 Acq: 23 Dec 2019 19:38

Instrument :
 BNA_P
 ClientSampleId :
 C0B37

Tot Ion:	152	Resp:	76760
Ion Ratio	Lower	Upper	
152	100		
150	132.1	124.0	186.0
115	71.1	59.3	88.9

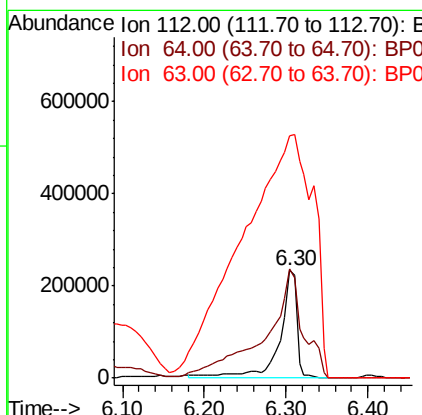
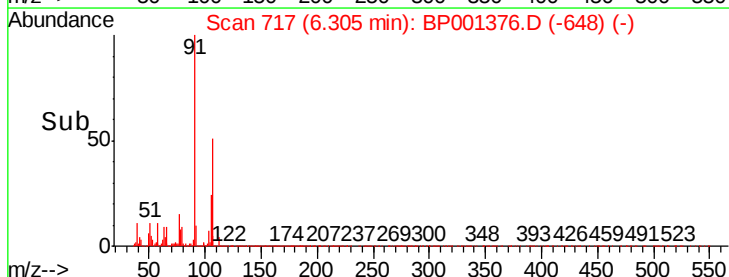
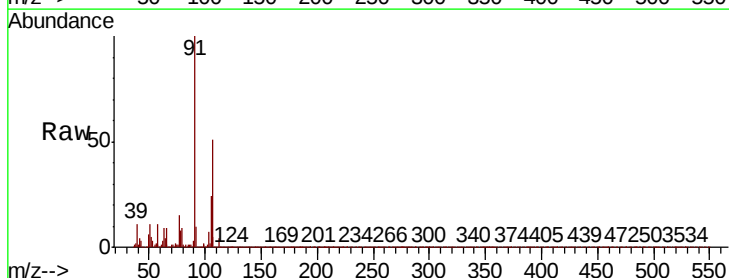
Manual Integrations
 APPROVED

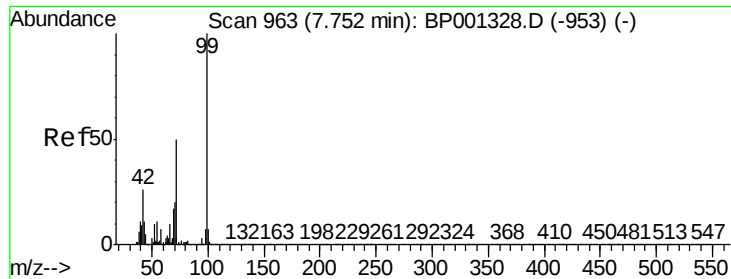
mohammad
 12/24/2019 3:05:29 PM



#5
 2-Fluorophenol
 Concen: 71.233 ng
 RT: 6.30 min Scan# 717
 Delta R.T. 0.11 min
 Lab File: BP001376.D
 Acq: 23 Dec 2019 19:38

Tgt Ion:	112	Resp:	338319
Ion Ratio	Lower	Upper	
112	100		
64	101.5	57.6	86.4#
63	225.3	35.1	52.7#





#7

Phenol-d6

Concen: 159.688 ng m

RT: 7.80 min Scan# 971

Delta R.T. 0.05 min

Lab File: BP001376.D

Acq: 23 Dec 2019 19:38

Instrument :

BNA_P

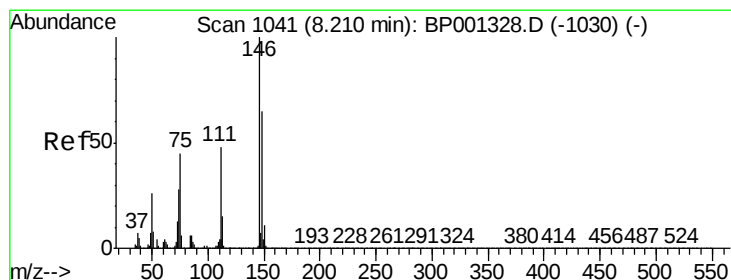
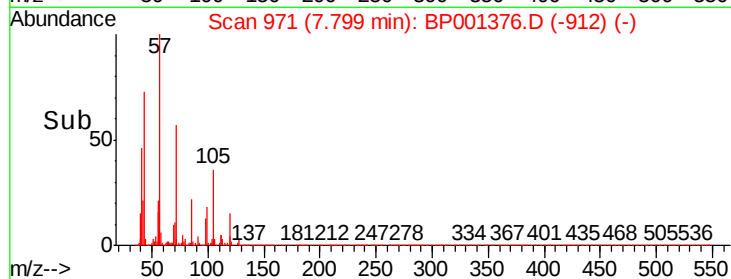
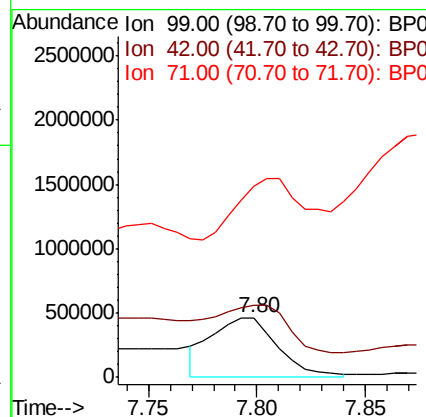
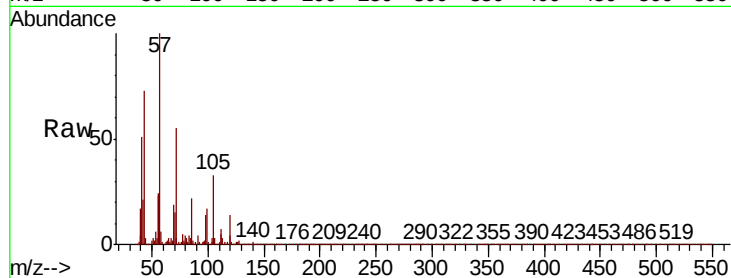
ClientSampleId :

C0B37

Tot Ion:	99	Resp:	989649
Ion Ratio	Lower	Upper	
99	100		
42	120.5	20.9	31.3#
71	319.6	40.0	60.0#

Manual Integrations
APPROVED

mohammad
12/24/2019 3:05:29 PM



#12

1,3-Dichlorobenzene

Concen: 11.473 ng m

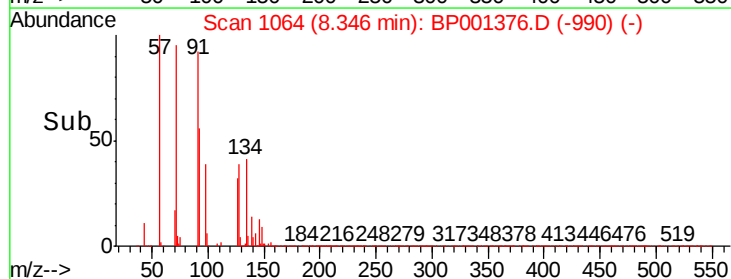
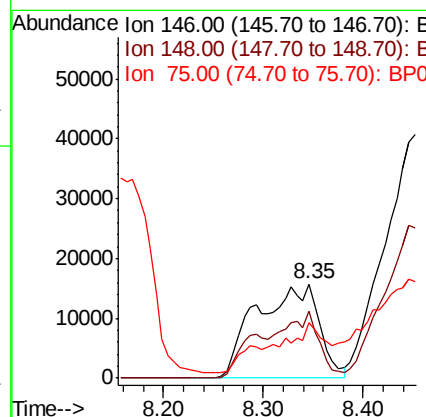
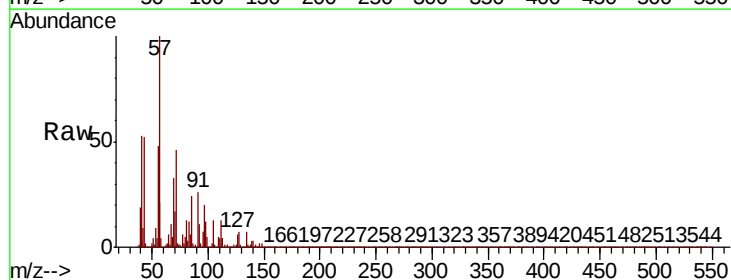
RT: 8.35 min Scan# 1064

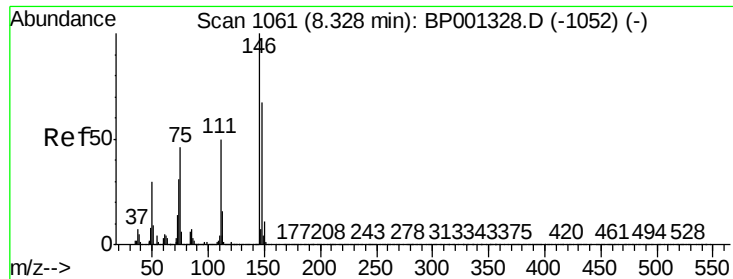
Delta R.T. 0.14 min

Lab File: BP001376.D

Acq: 23 Dec 2019 19:38

Tgt Ion:	146	Resp:	68237
Ion Ratio	Lower	Upper	
146	100		
148	71.2	51.9	77.9
75	58.5	36.2	54.4#





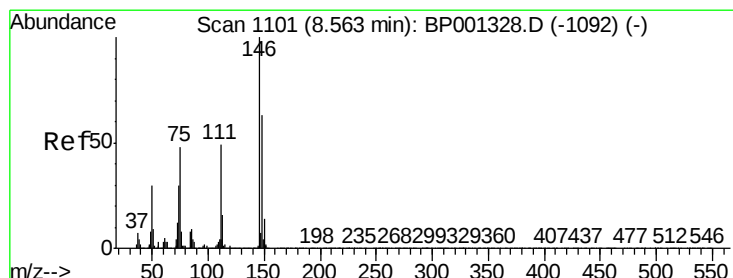
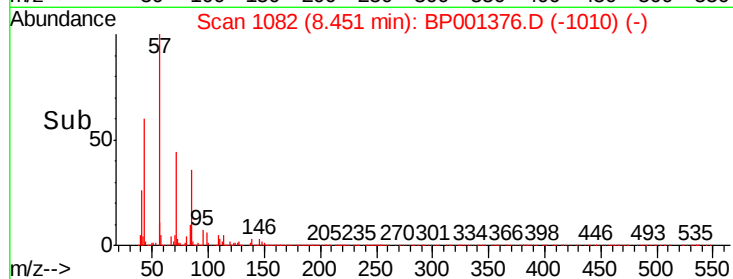
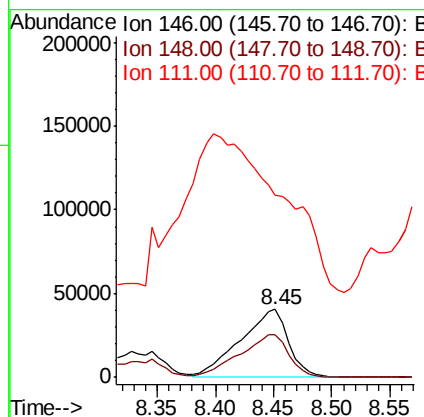
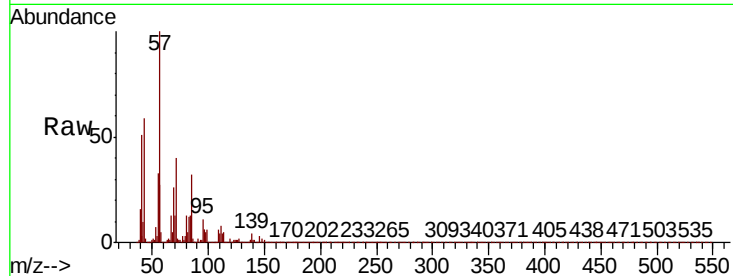
#13
1,4-Dichlorobenzene
Concen: 19.413 ng m
RT: 8.45 min Scan# 1082
Delta R.T. 0.12 min
Lab File: BP001376.D
Acq: 23 Dec 2019 19:38

Instrument :
BNA_P
ClientSampleId :
C0B37

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.9	53.3	79.9
111	267.1	40.2	60.4

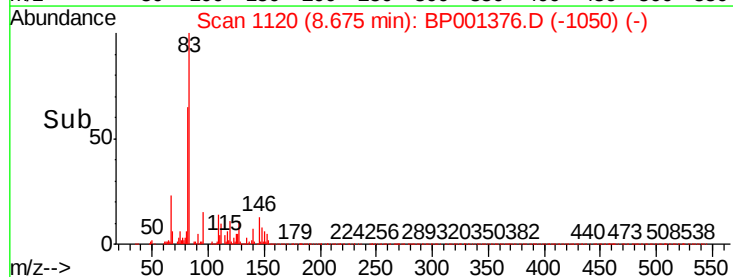
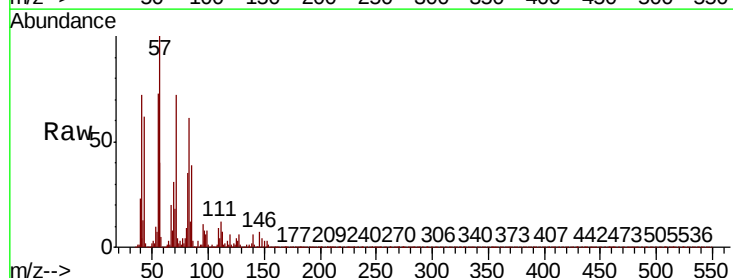
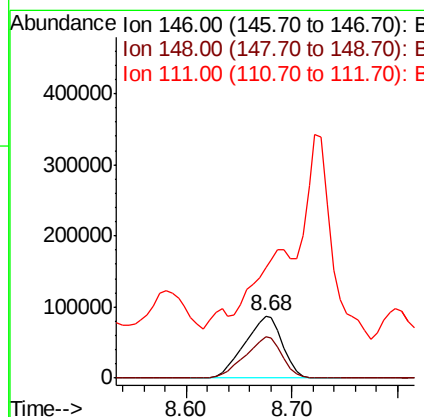
Manual Integrations
APPROVED

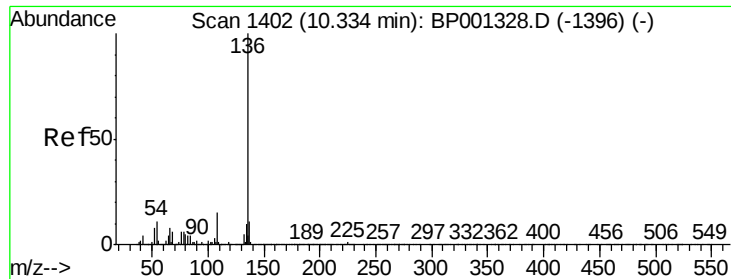
mohammad
12/24/2019 3:05:29 PM



#14
1,2-Dichlorobenzene
Concen: 37.545 ng
RT: 8.68 min Scan# 1120
Delta R.T. 0.11 min
Lab File: BP001376.D
Acq: 23 Dec 2019 19:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	50.8	76.2
111	178.8	39.4	59.2





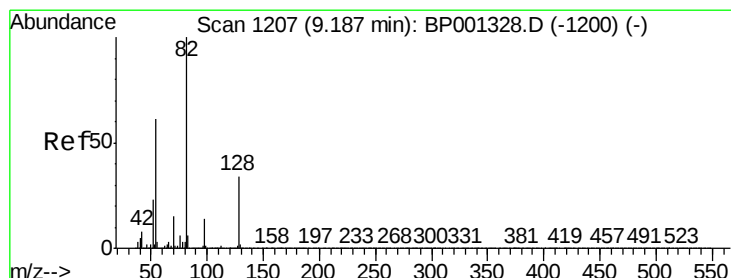
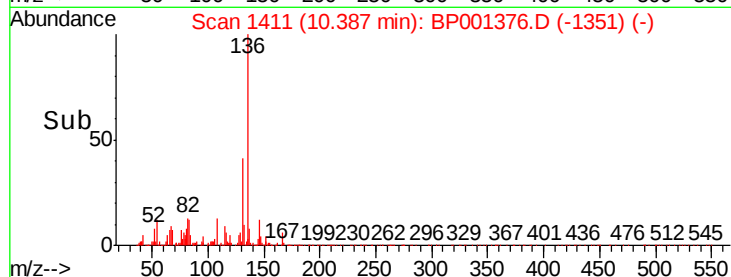
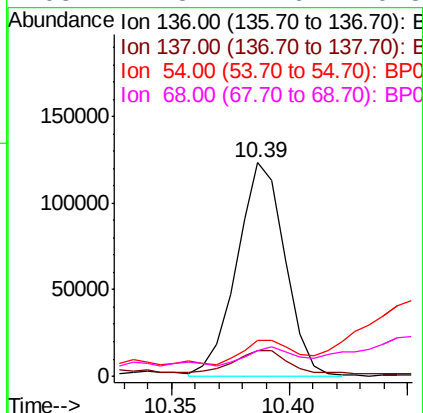
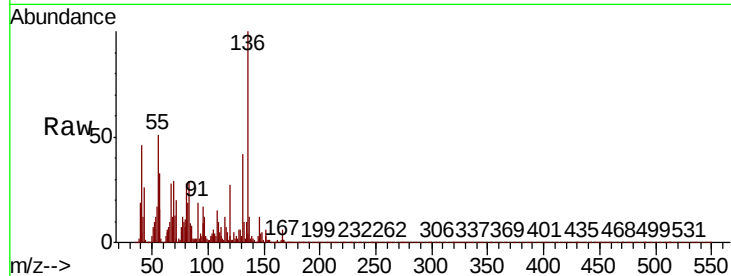
#21
Naphthalene-d8
Concen: 20.000 ng m
RT: 10.39 min Scan# 1411
Delta R.T. 0.05 min
Lab File: BP001376.D
Acq: 23 Dec 2019 19:38

Instrument :
BNA_P
ClientSampleId :
C0B37

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	12.1	8.8	13.2
54	17.0	8.8	13.2#
68	12.3	4.6	6.8#

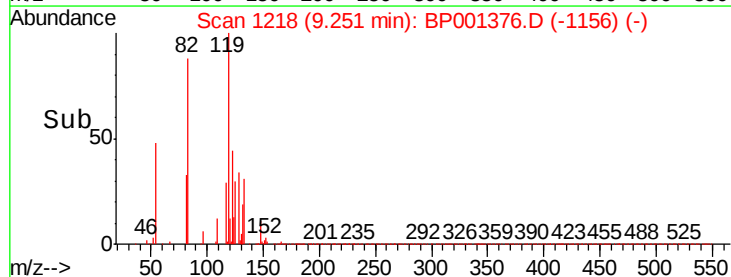
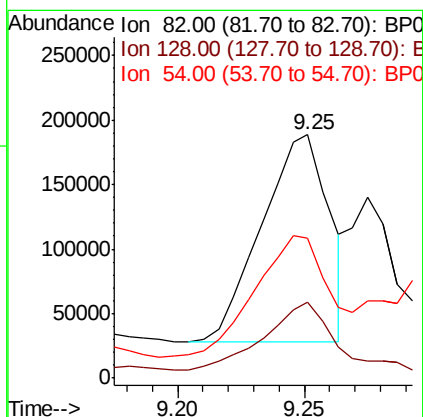
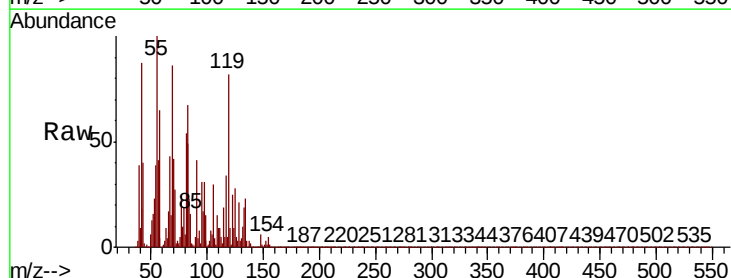
Manual Integrations
APPROVED

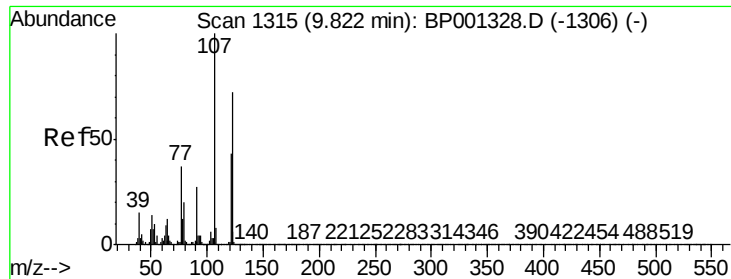
mohammad
12/24/2019 3:05:29 PM



#23
Nitrobenzene-d5
Concen: 64.998 ng
RT: 9.25 min Scan# 1218
Delta R.T. 0.06 min
Lab File: BP001376.D
Acq: 23 Dec 2019 19:38

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	31.1	27.0	40.4
54	57.6	49.0	73.4





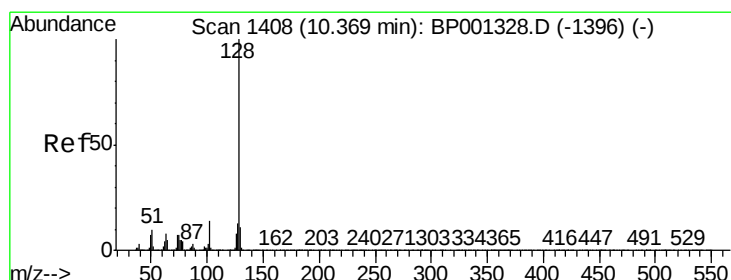
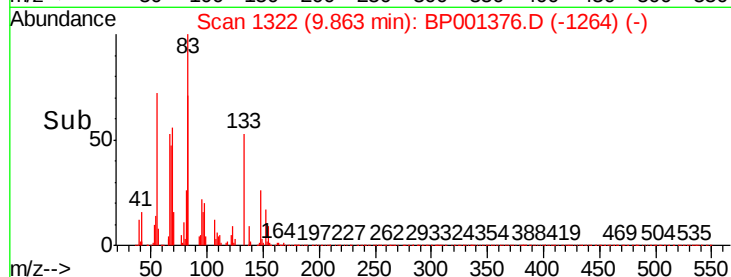
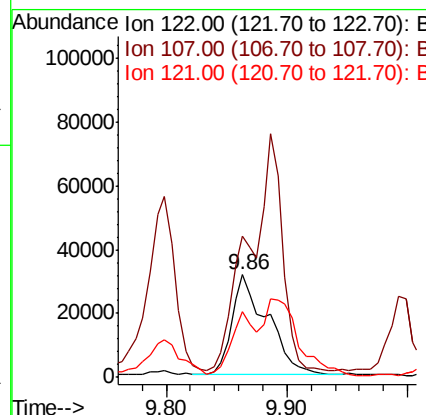
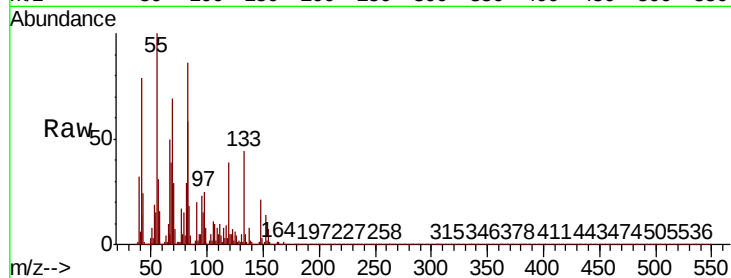
#27
2,4-Dimethylphenol
Concen: 26.938 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.04 min
Lab File: BP001376.D
Acq: 23 Dec 2019 19:38

Instrument :
BNA_P
ClientSampleId :
C0B37

Tot Ion	Ratio	Lower	Upper
122	100		
107	137.9	111.9	167.9
121	63.8	47.9	71.9

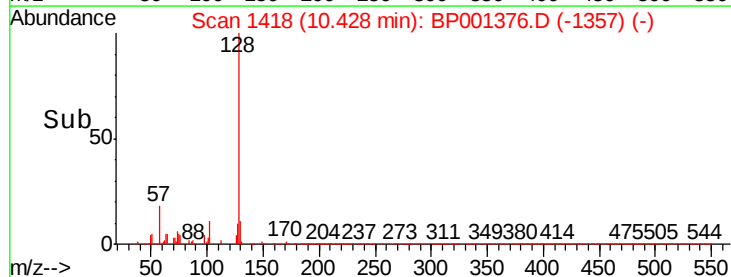
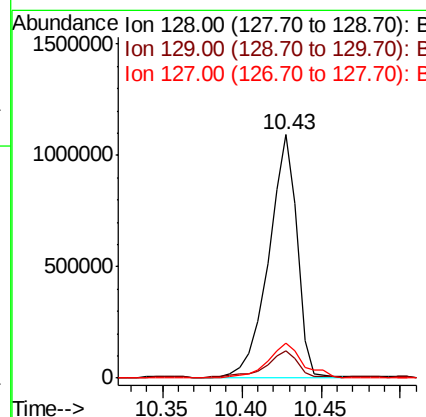
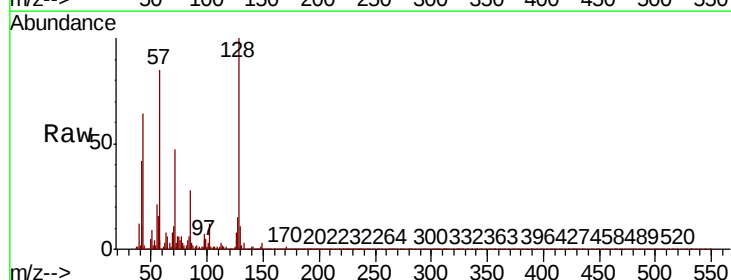
Manual Integrations
APPROVED

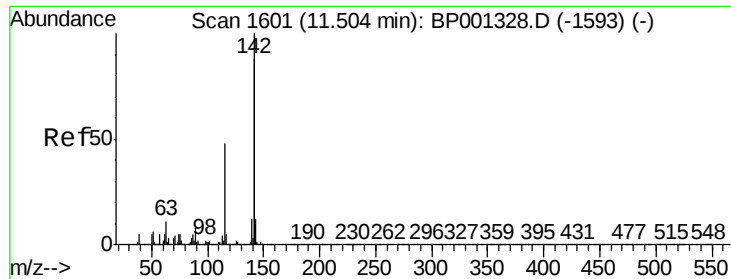
mohammad
12/24/2019 3:05:29 PM



#31
Naphthalene
Concen: 141.578 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.06 min
Lab File: BP001376.D
Acq: 23 Dec 2019 19:38

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.9	13.3
127	14.6	10.7	16.1





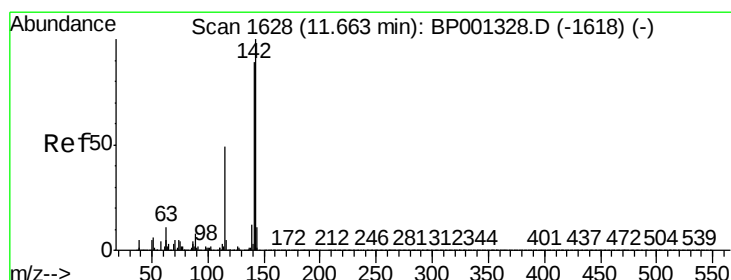
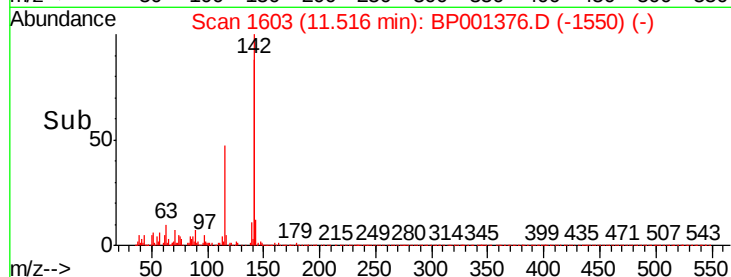
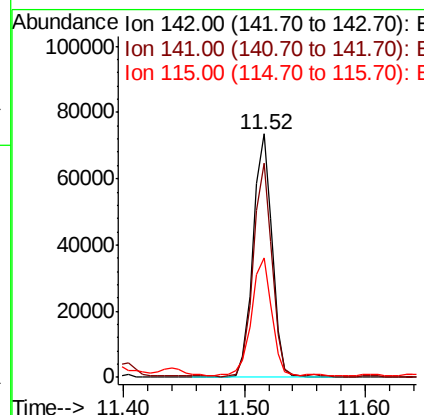
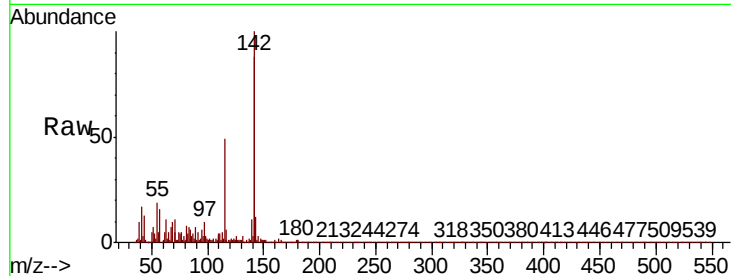
#37
2-Methylnaphthalene
Concen: 12.239 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.01 min
Lab File: BP001376.D
Acq: 23 Dec 2019 19:38

Instrument :
BNA_P
ClientSampleId :
C0B37

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.2	105.4
115	49.1	38.7	58.1

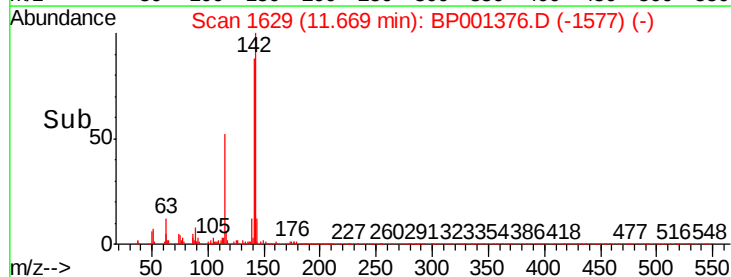
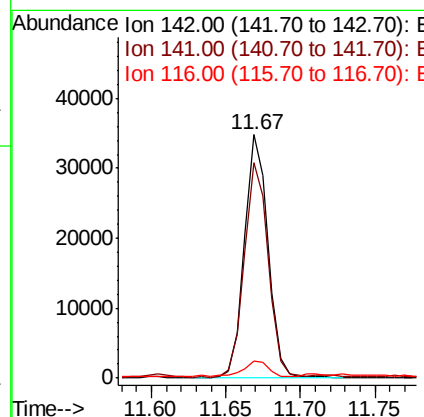
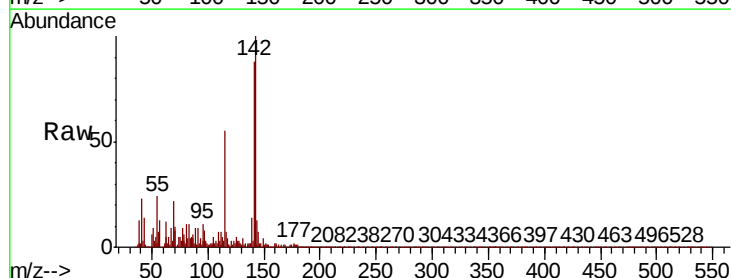
Manual Integrations
APPROVED

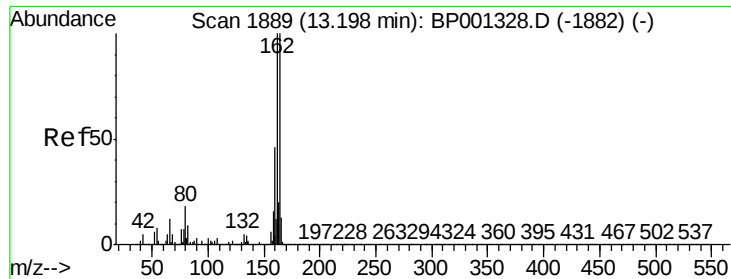
mohammad
12/24/2019 3:05:29 PM



#38
1-Methylnaphthalene
Concen: 6.157 ng
RT: 11.67 min Scan# 1629
Delta R.T. 0.01 min
Lab File: BP001376.D
Acq: 23 Dec 2019 19:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.3	106.9
116	7.0	4.2	6.2#





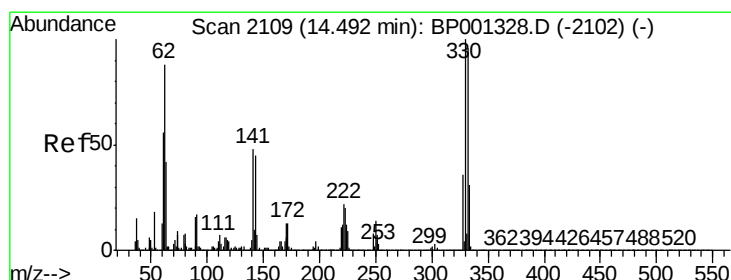
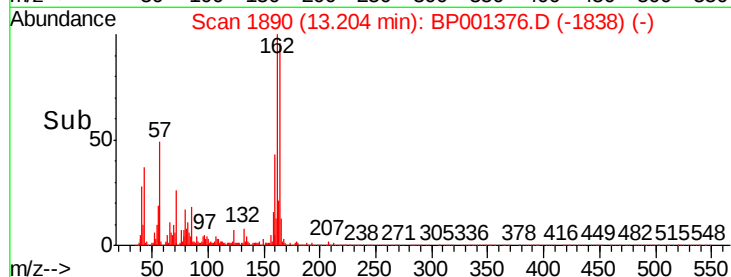
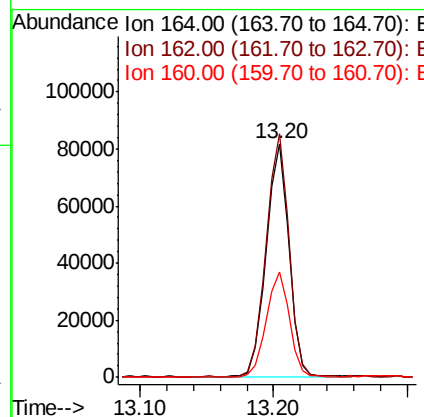
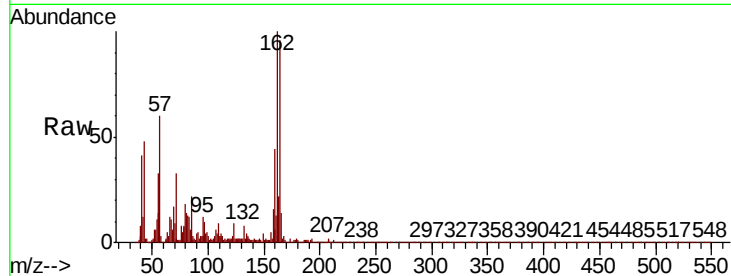
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1890
Delta R.T. 0.01 min
Lab File: BP001376.D
Acq: 23 Dec 2019 19:38

Instrument :
BNA_P
ClientSampleId :
C0B37

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.2	80.3	120.5
160	45.4	36.6	54.8

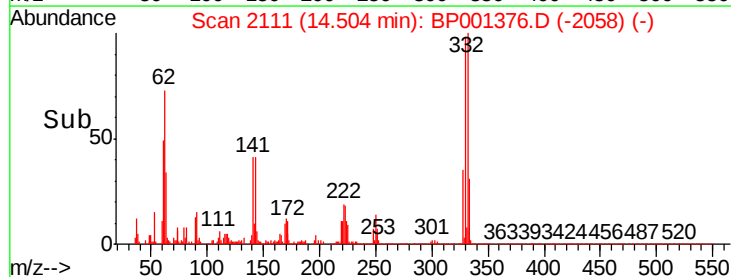
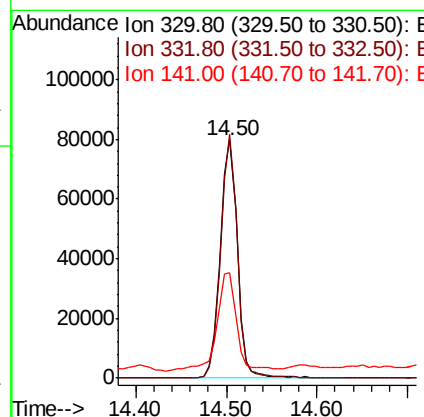
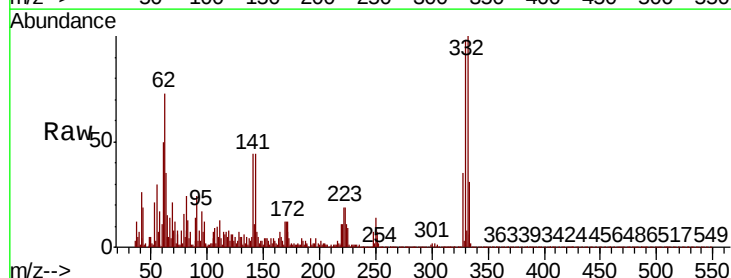
Manual Integrations
APPROVED

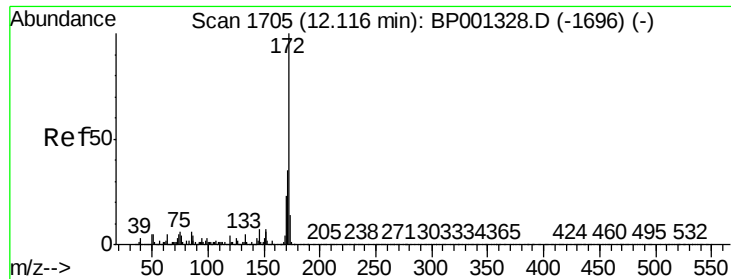
mohammad
12/24/2019 3:05:29 PM



#42
2,4,6-Tribromophenol
Concen: 87.493 ng
RT: 14.50 min Scan# 2111
Delta R.T. 0.01 min
Lab File: BP001376.D
Acq: 23 Dec 2019 19:38

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.7	78.7	118.1
141	48.4	36.2	54.4





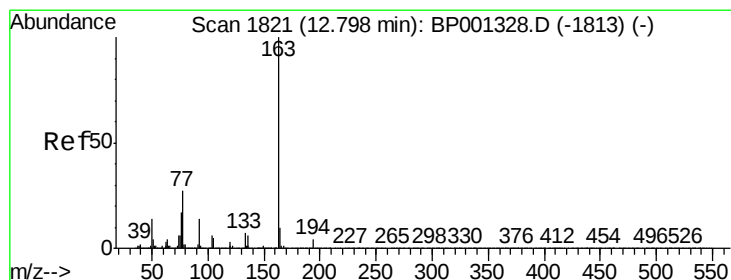
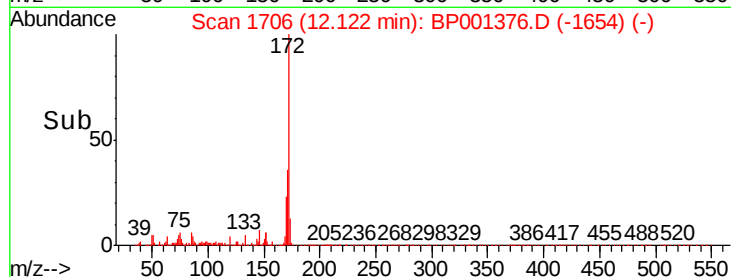
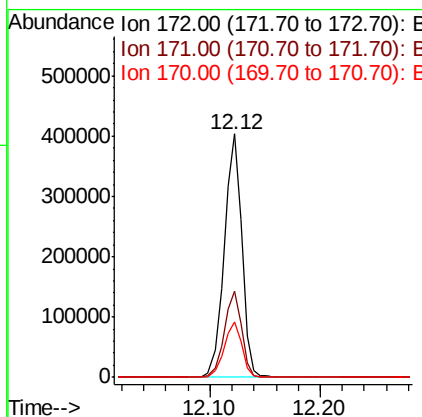
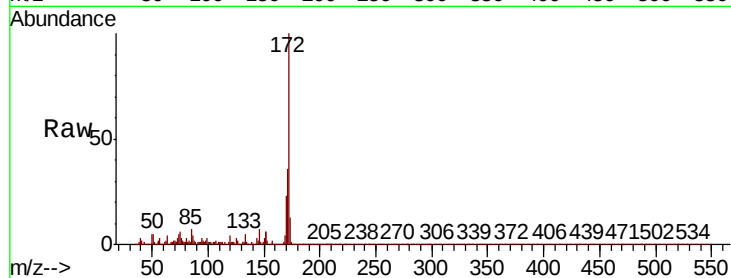
#45
2-Fluorobiphenyl
Concen: 59.349 ng
RT: 12.12 min Scan# 1706
Delta R.T. 0.01 min
Lab File: BP001376.D
Acq: 23 Dec 2019 19:38

Instrument :
BNA_P
ClientSampled :
C0B37

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.7	41.5
170	23.0	18.6	28.0

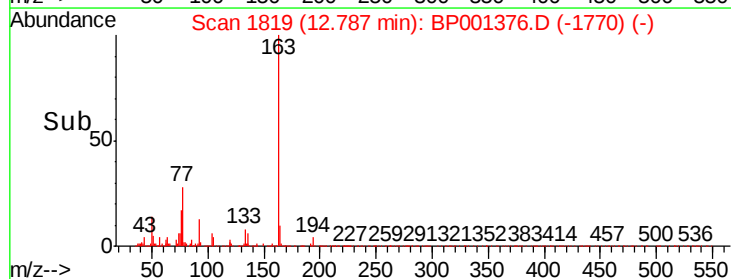
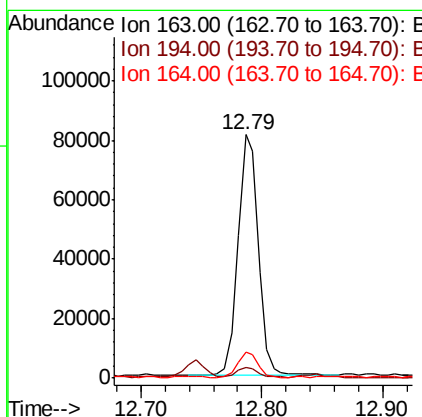
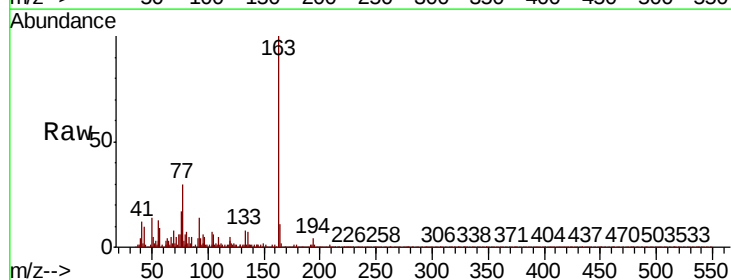
Manual Integrations
APPROVED

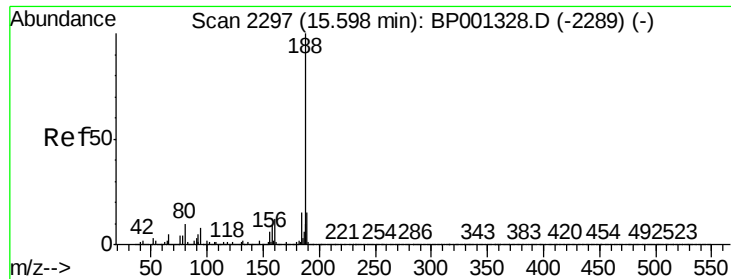
mohammad
12/24/2019 3:05:29 PM



#50
Dimethylphthalate
Concen: 12.145 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BP001376.D
Acq: 23 Dec 2019 19:38

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	10.6	7.9	11.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.61 min Scan# 2299

Delta R.T. 0.01 min

Lab File: BP001376.D

Acq: 23 Dec 2019 19:38

Instrument :

BNA_P

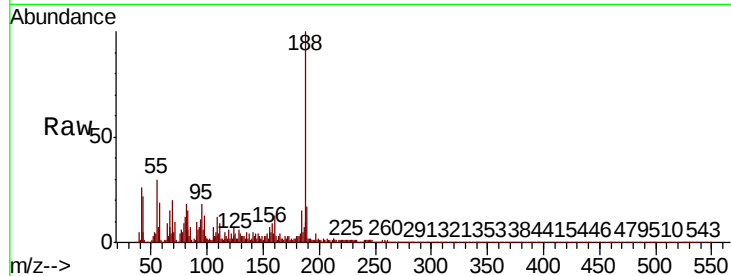
ClientSampleId :

C0B37

Tot Ion:	188	Resp:	185496
Ion Ratio	Lower	Upper	
188	100		
94	10.5	6.6	10.0#
80	11.5	7.8	11.6

Manual Integrations
APPROVED

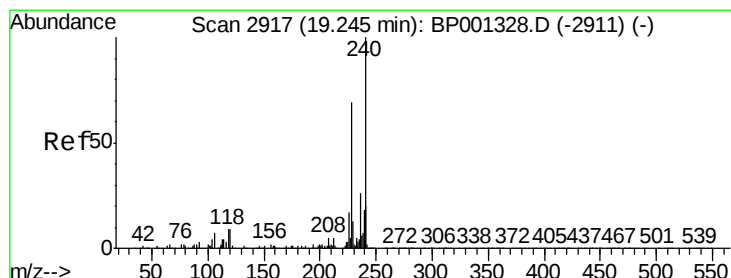
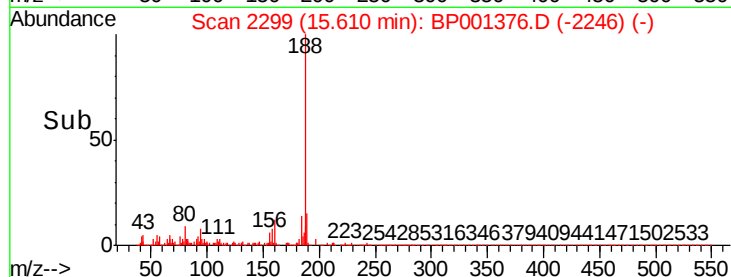
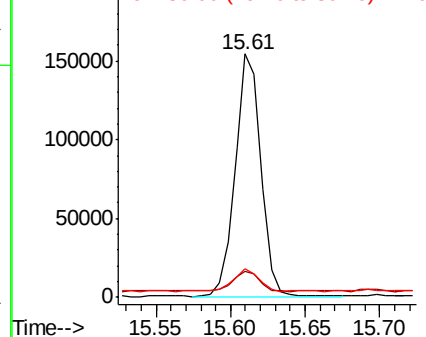
mohammad
12/24/2019 3:05:29 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#76

Chrysene-d12

Concen: 20.000 ng

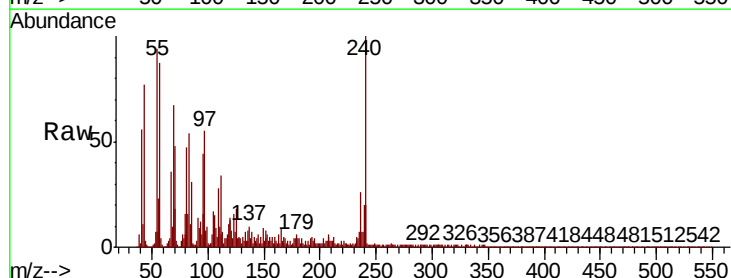
RT: 19.26 min Scan# 2920

Delta R.T. 0.02 min

Lab File: BP001376.D

Acq: 23 Dec 2019 19:38

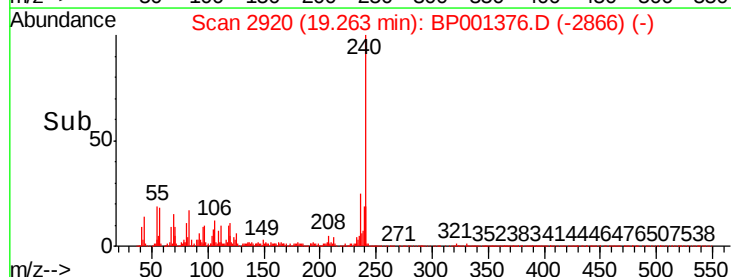
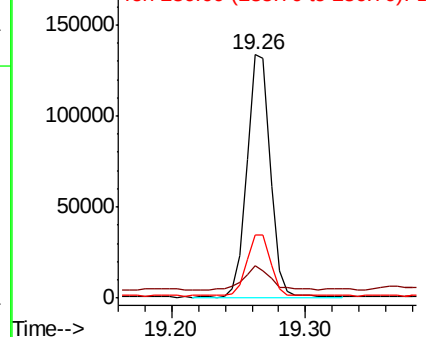
Tgt Ion:	240	Resp:	159317
Ion Ratio	Lower	Upper	
240	100		
120	13.5	7.6	11.4#
236	26.1	21.0	31.4

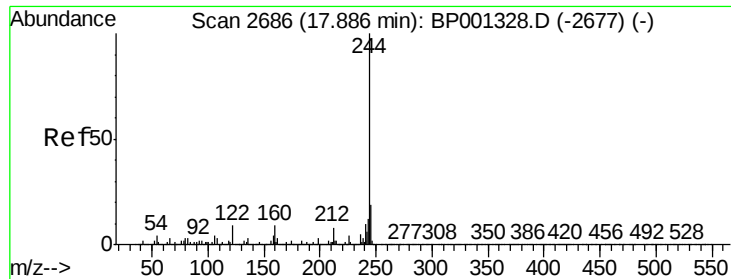


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





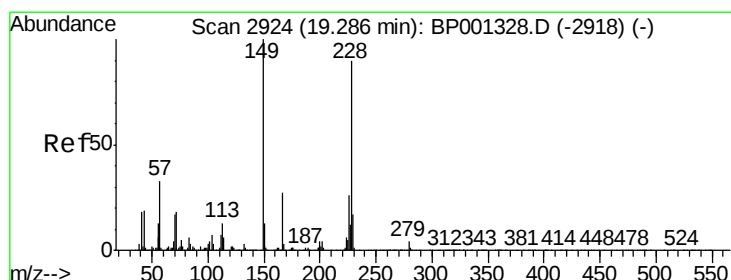
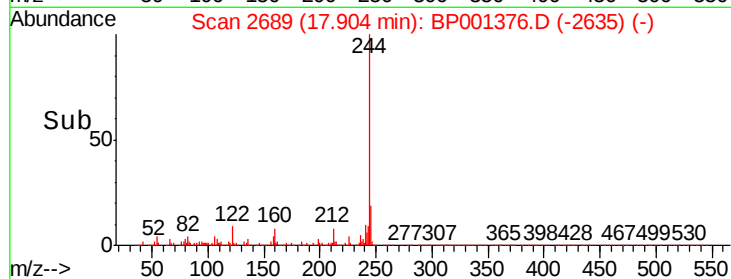
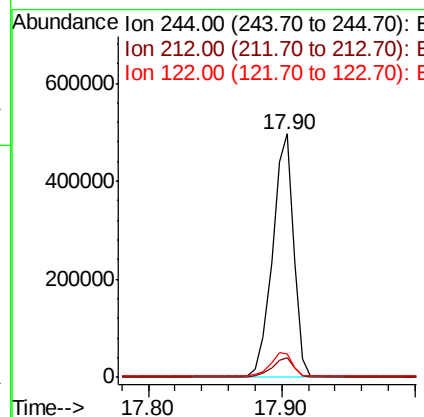
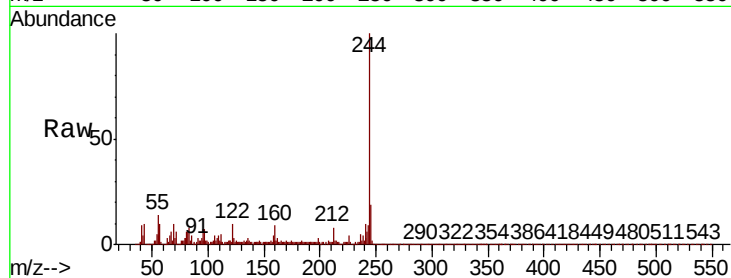
#79
 Terphenyl-d14
 Concen: 58.820 ng
 RT: 17.90 min Scan# 2689
 Delta R.T. 0.02 min
 Lab File: BP001376.D
 Acq: 23 Dec 2019 19:38

Instrument :
 BNA_P
 ClientSampleId :
 C0B37

Tot Ion:	244	Resp:	547128
Ion Ratio	Lower	Upper	
244	100		
212	8.2	6.6	9.8
122	9.5	7.6	11.4

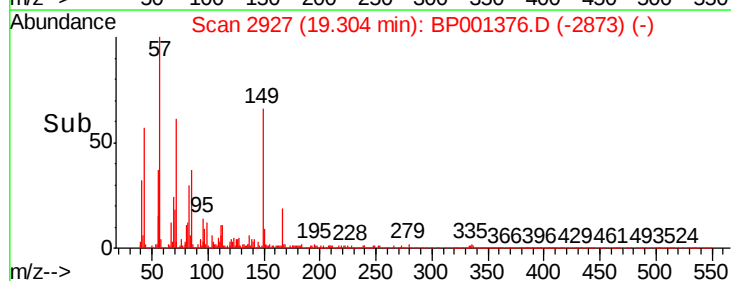
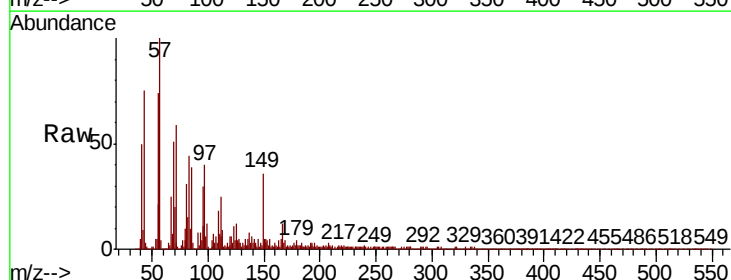
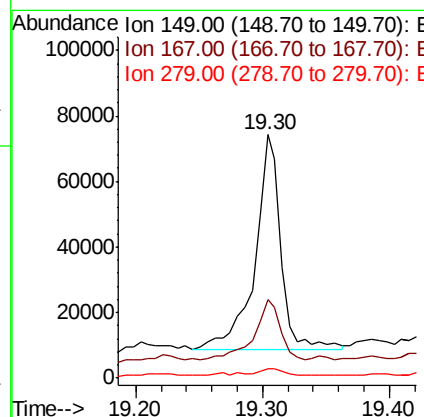
Manual Integrations
 APPROVED

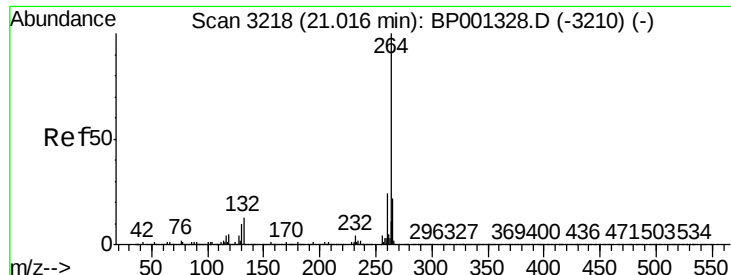
mohammad
 12/24/2019 3:05:29 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 11.074 ng
 RT: 19.30 min Scan# 2927
 Delta R.T. 0.02 min
 Lab File: BP001376.D
 Acq: 23 Dec 2019 19:38

Tgt Ion:	149	Resp:	93709
Ion Ratio	Lower	Upper	
149	100		
167	32.4	21.8	32.6
279	4.1	3.0	4.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.07 min Scan# 3227
Delta R.T. 0.05 min
Lab File: BP001376.D
Acq: 23 Dec 2019 19:38

Instrument :
BNA_P
ClientSampleId :
C0B37

Tot Ion:	264	Resp:	172687
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.2	28.8
265	22.2	17.4	26.2

Manual Integrations
APPROVED

mohammad
12/24/2019 3:05:29 PM

