

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
 Data File : BP001132.D
 Acq On : 02 Dec 2019 18:14
 Operator : JU
 Sample : K6066-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-19-S

Manual Integrations
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Quant Time: Dec 03 00:34:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 27 17:38:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	152874	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	558572	20.00	ng	0.00
39) Acenaphthene-d10	13.23	164	296625	20.00	ng	0.00
64) Phenanthrene-d10	15.62	188	557893	20.00	ng	0.00
76) Chrysene-d12	19.27	240	424063	20.00	ng	0.00
87) Perylene-d12	21.05	264	472500	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.24	112	1034700	112.29	ng	0.01
7) Phenol-d6	7.77	99	1403388	114.32	ng	0.00
23) Nitrobenzene-d5	9.21	82	926381	71.95	ng	0.00
42) 2,4,6-Tribromophenol	14.52	330	294338	103.53	ng	0.00
45) 2-Fluorobiphenyl	12.15	172	1448456	71.47	ng	0.00
79) Terphenyl-d14	17.91	244	1565291	68.29	ng	0.00
Target Compounds						
10) Phenol	7.79	94	34711	2.486	ng	87
50) Dimethylphthalate	12.81	163	191880	8.649	ng	99
75) Fluoranthene	17.37	202	72378	2.331	ng	98
78) Pyrene	17.67	202	74408	2.228	ng	97
88) Benzo(b)fluoranthene	20.56	252	81691m	2.831	ng	
90) Benzo(a)pyrene	20.97	252	54057	2.034	ng	# 85

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

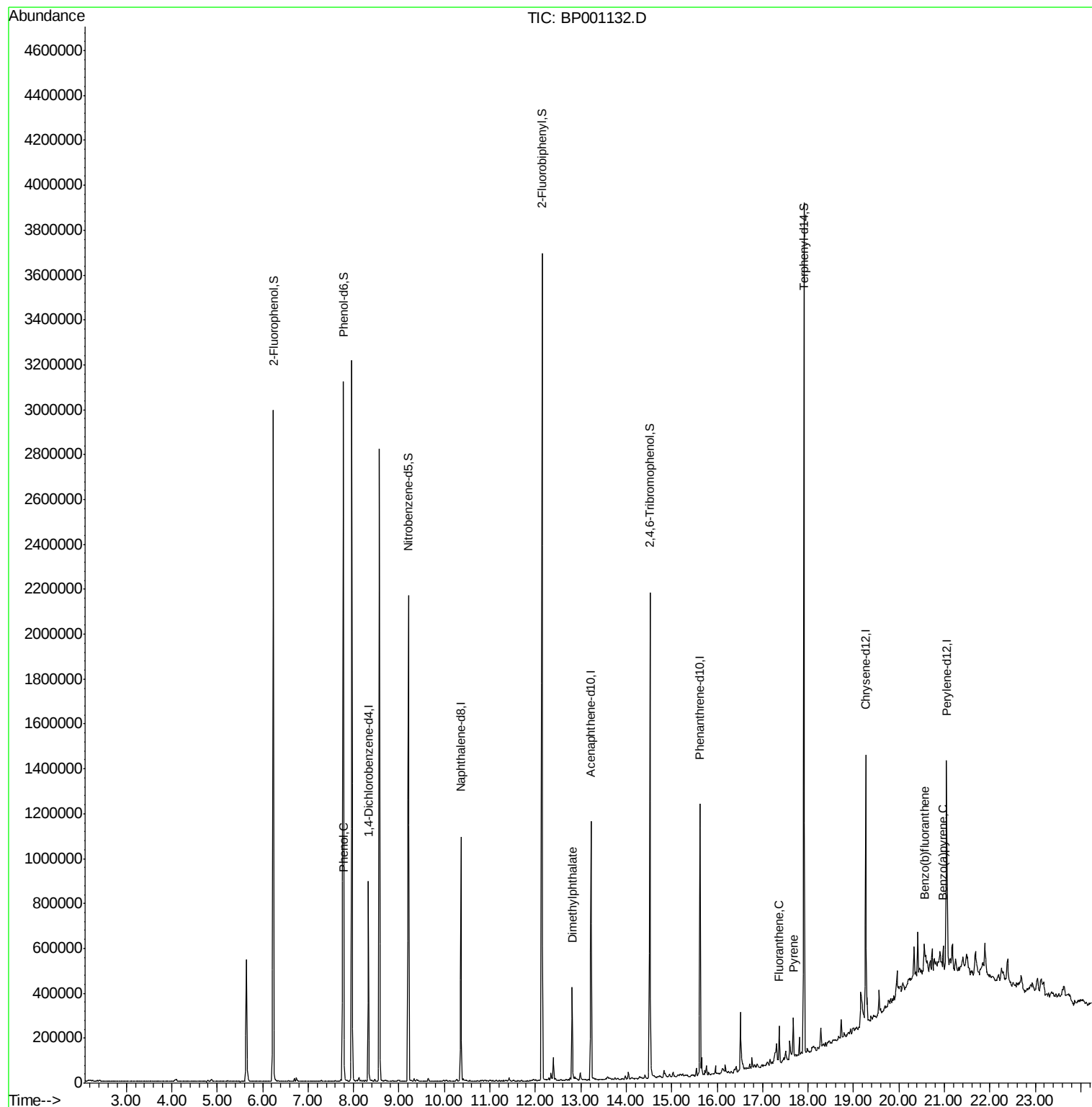
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
Data File : BP001132.D
Acq On : 02 Dec 2019 18:14
Operator : JU
Sample : K6066-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

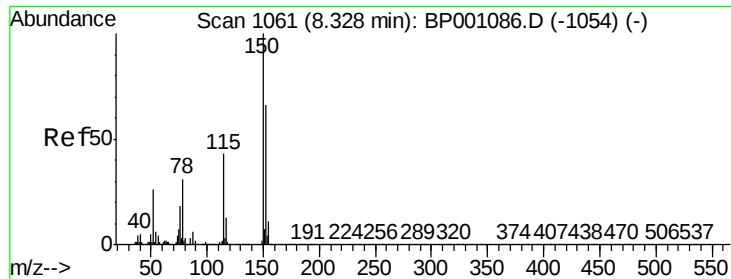
Instrument :
BNA_P
ClientSampleId :
TP-19-S

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Quant Time: Dec 03 00:34:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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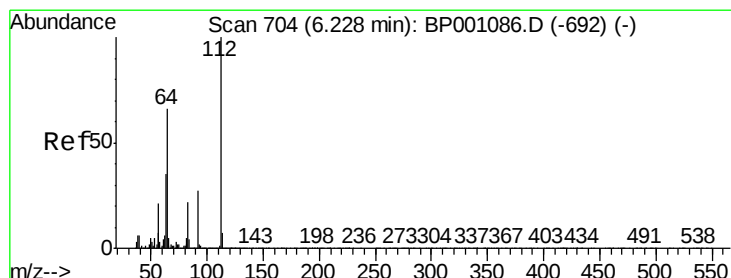
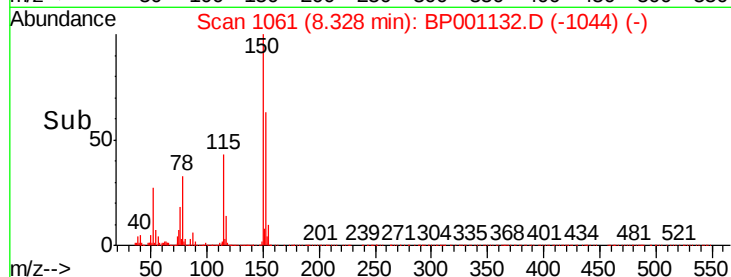
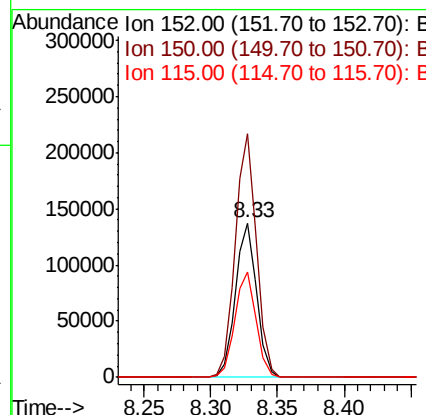
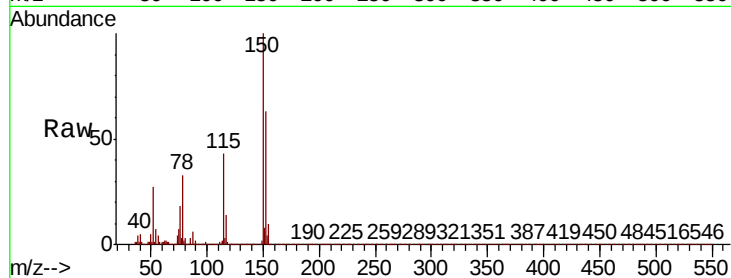
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BP001132.D
Acq: 02 Dec 2019 18:14

Instrument :
BNA_P
ClientSampled :
TP-19-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	120.6	181.0
115	68.3	51.6	77.4

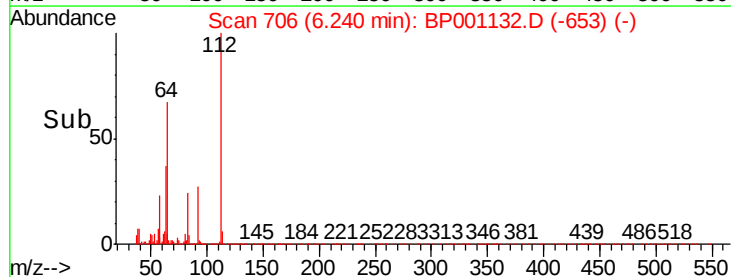
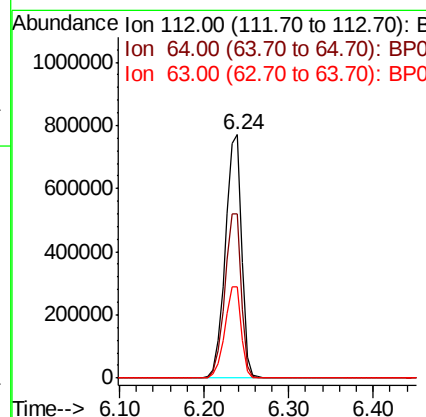
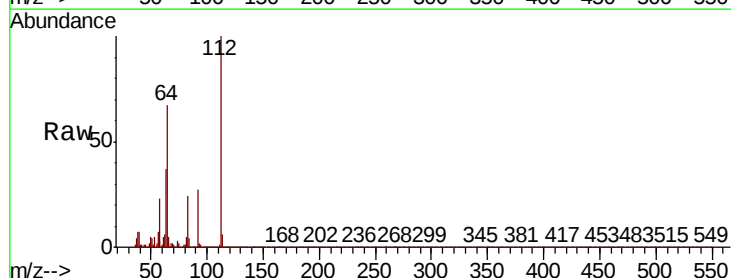
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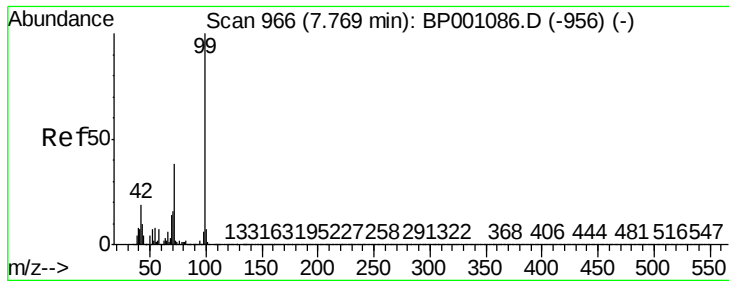
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#5
2-Fluorophenol
Concen: 112.292 ng
RT: 6.24 min Scan# 706
Delta R.T. 0.01 min
Lab File: BP001132.D
Acq: 02 Dec 2019 18:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.4	52.8	79.2
63	37.5	28.2	42.2





#7

Phenol-d6

Concen: 114.321 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.01 min

Lab File: BP001132.D

Acq: 02 Dec 2019 18:14

Instrument :

BNA_P

ClientSampled :

TP-19-S

Tot Ion: 99 Resp: 1403388

Ion Ratio Lower Upper

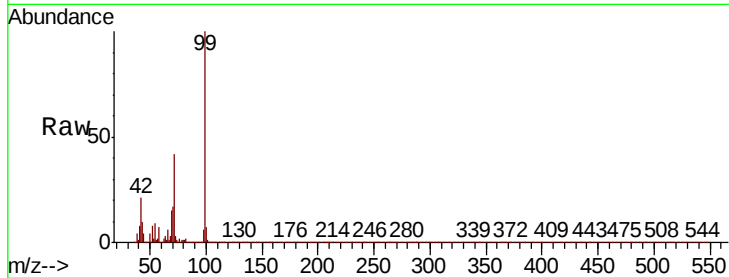
99 100

42 20.6 15.4 23.0

71 42.0 30.8 46.2

Manual Integrations
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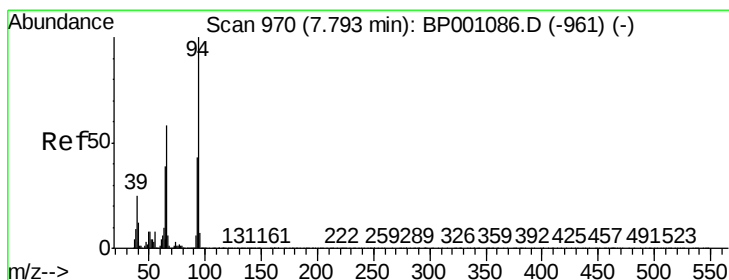
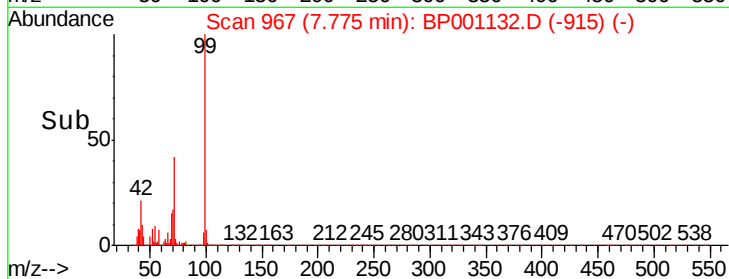
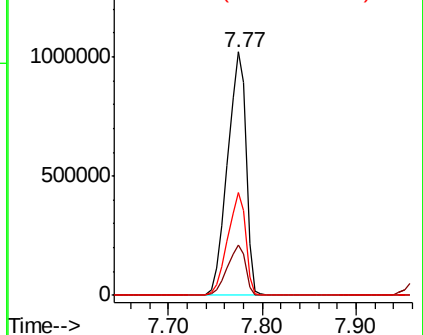
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Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#10

Phenol

Concen: 2.486 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BP001132.D

Acq: 02 Dec 2019 18:14

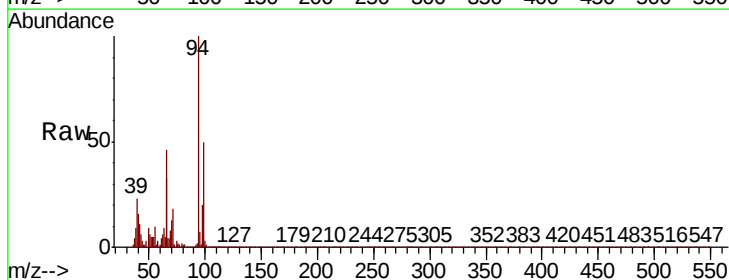
Tgt Ion: 94 Resp: 34711

Ion Ratio Lower Upper

94 100

65 33.0 18.6 58.6

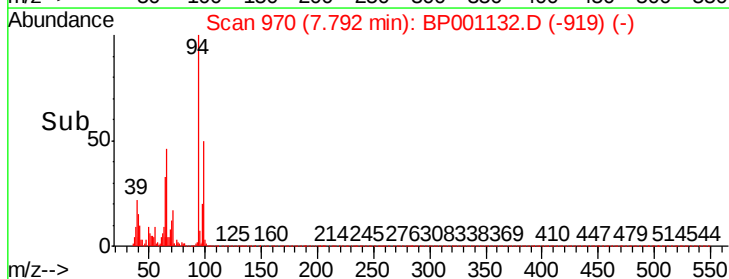
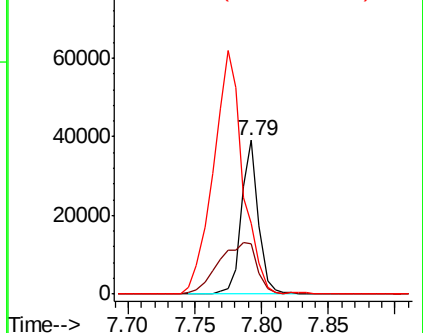
66 46.0 37.6 77.6

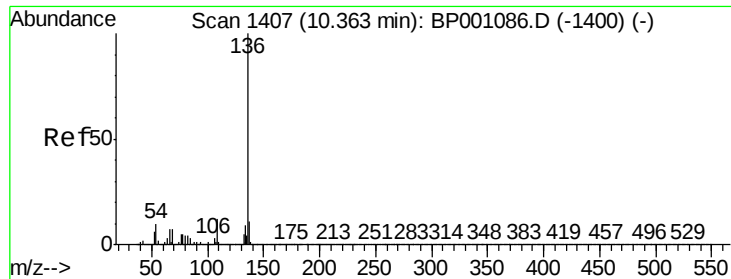


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0





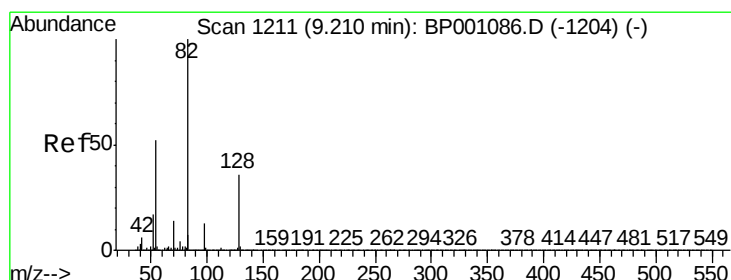
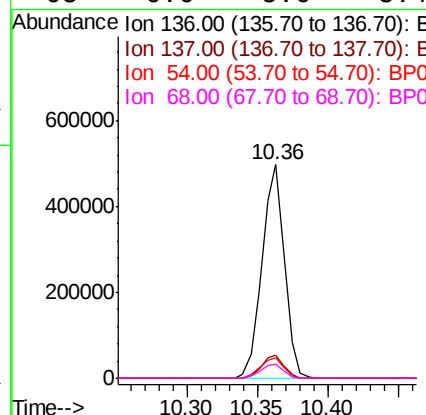
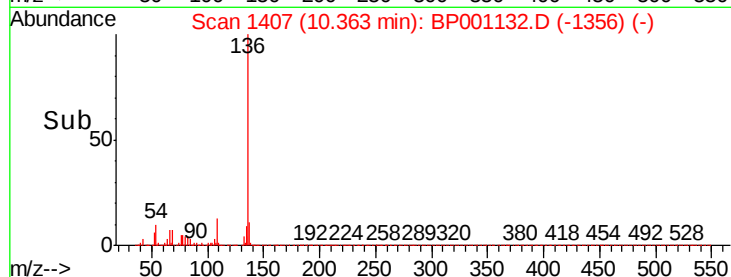
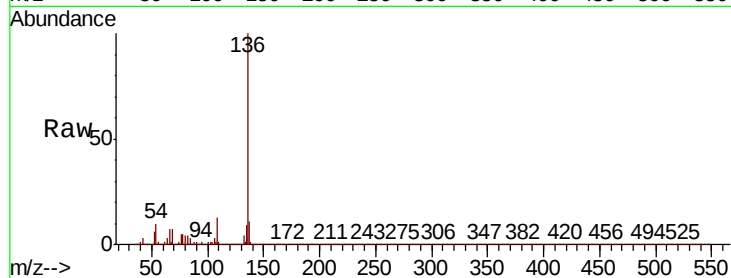
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BP001132.D
Acq: 02 Dec 2019 18:14

Instrument :
BNA_P
ClientSampleId :
TP-19-S

Tot Ion	Ion	Ratio	Resp Lower	Upper
136	100			
137	11.1	8.8	13.2	
54	9.9	7.9	11.9	
68	6.6	5.6	8.4	

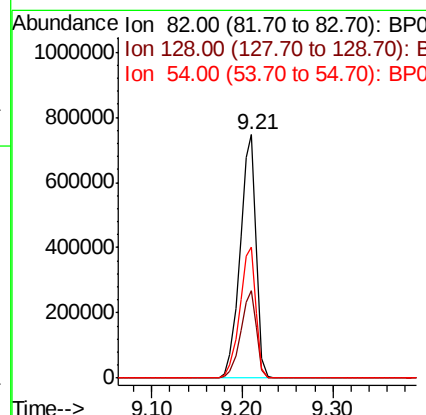
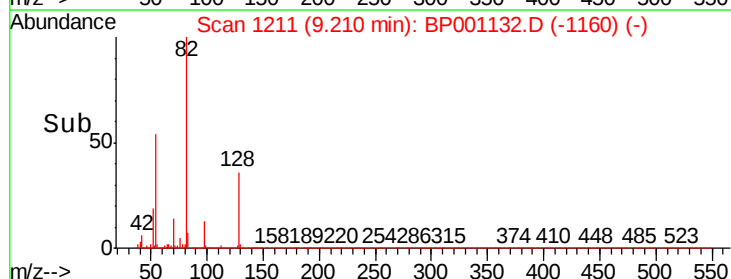
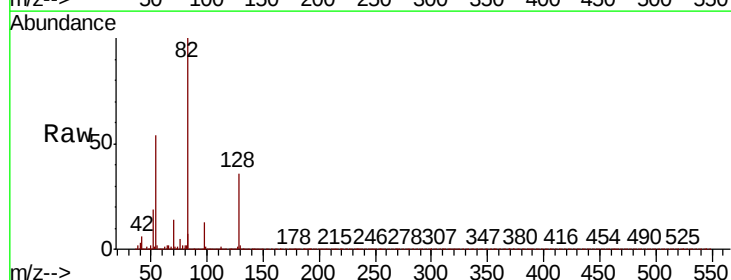
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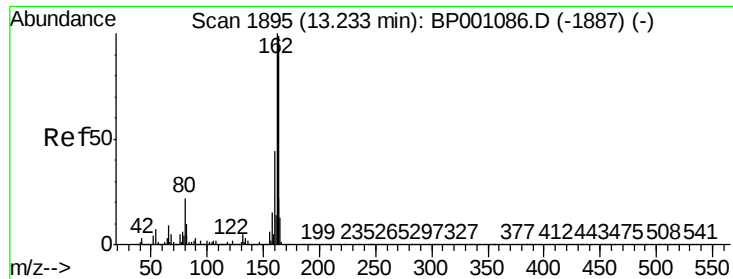
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#23
Nitrobenzene-d5
Concen: 71.955 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BP001132.D
Acq: 02 Dec 2019 18:14

Tgt Ion	Ion	Ratio	Resp Lower	Upper
82	100			
128	35.8	28.9	43.3	
54	53.8	41.9	62.9	





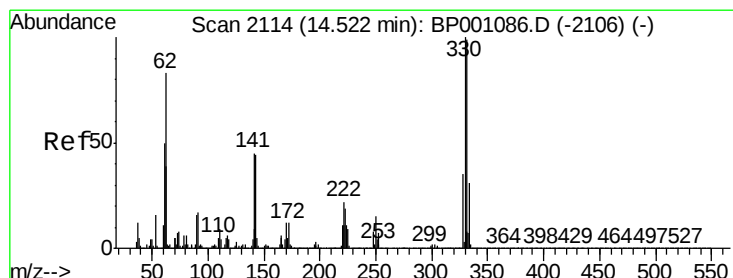
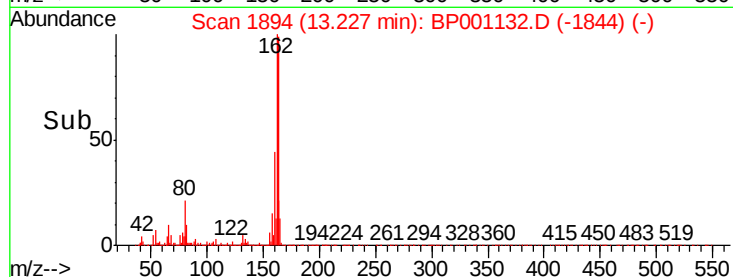
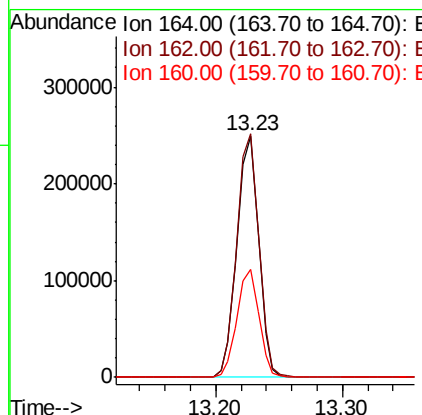
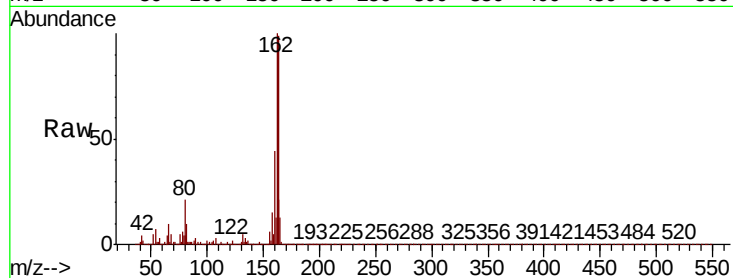
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.23 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BP001132.D
Acq: 02 Dec 2019 18:14

Instrument :
BNA_P
ClientSampleId :
TP-19-S

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.6	120.8
160	44.7	35.4	53.2

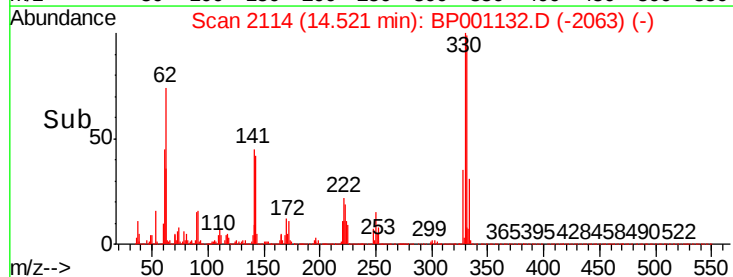
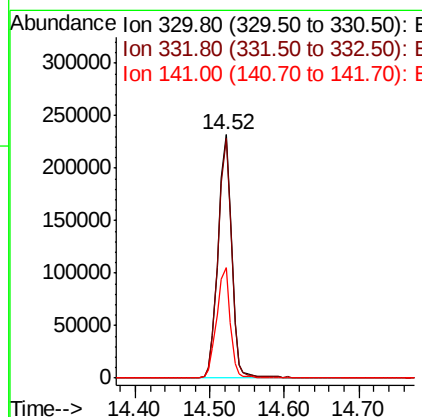
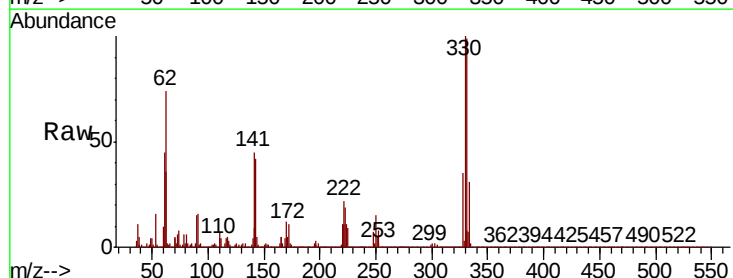
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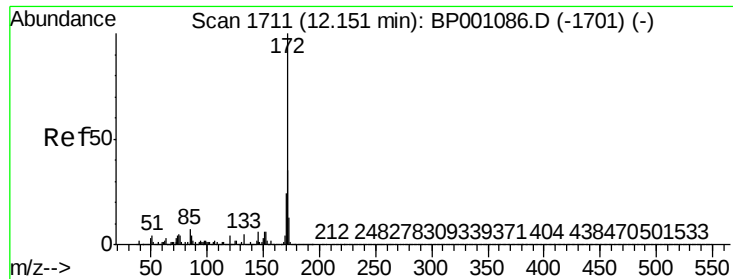
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#42
2,4,6-Tribromophenol
Concen: 103.525 ng
RT: 14.52 min Scan# 2114
Delta R.T. -0.00 min
Lab File: BP001132.D
Acq: 02 Dec 2019 18:14

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.8	77.6	116.4
141	45.3	34.2	51.2





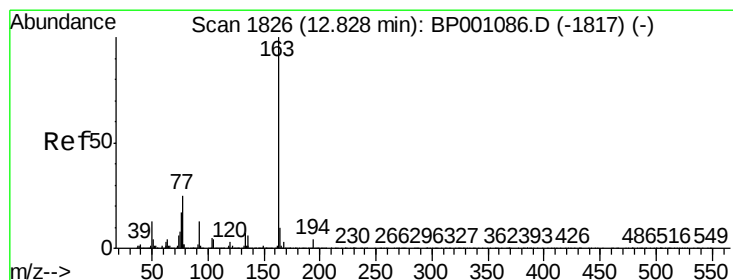
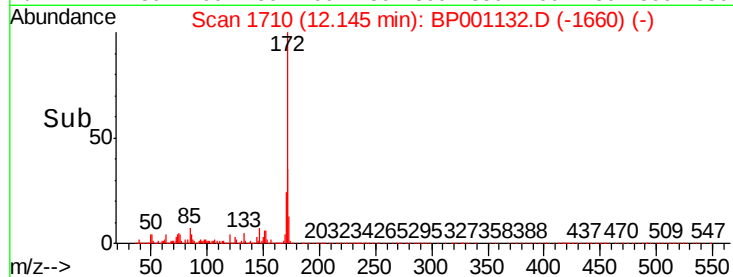
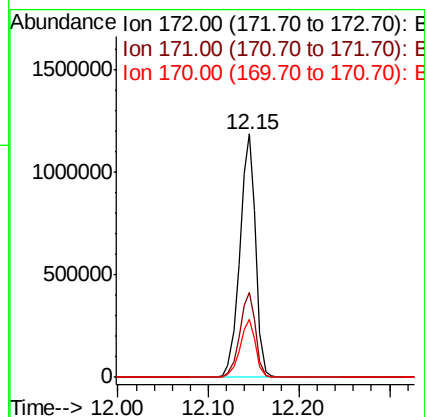
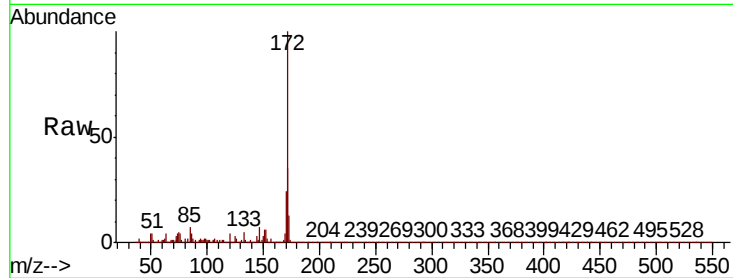
#45
2-Fluorobiphenyl
Concen: 71.468 ng
RT: 12.15 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP001132.D
Acq: 02 Dec 2019 18:14

Instrument :
BNA_P
ClientSampleId :
TP-19-S

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.9	41.9
170	23.9	19.0	28.4

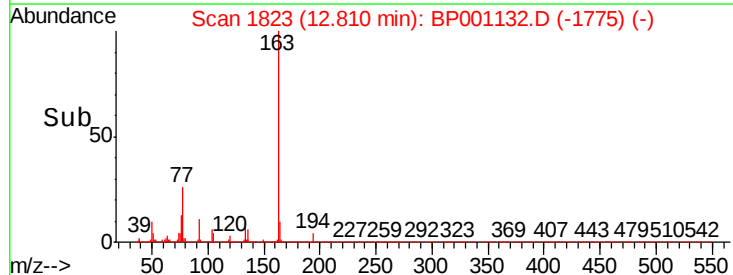
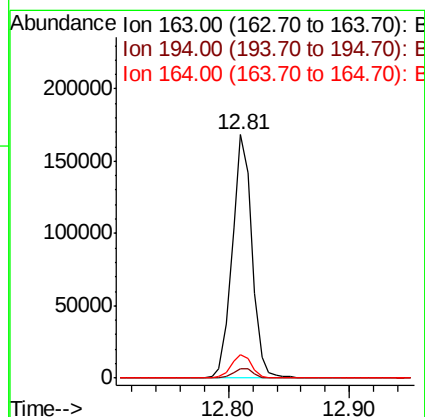
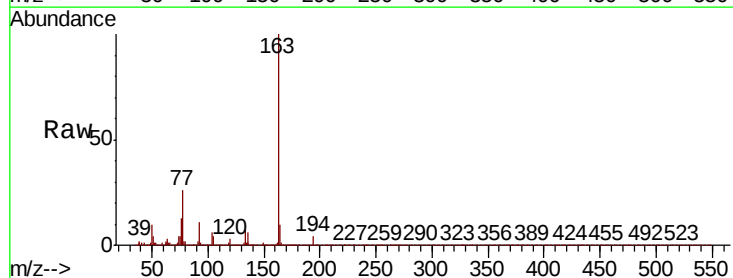
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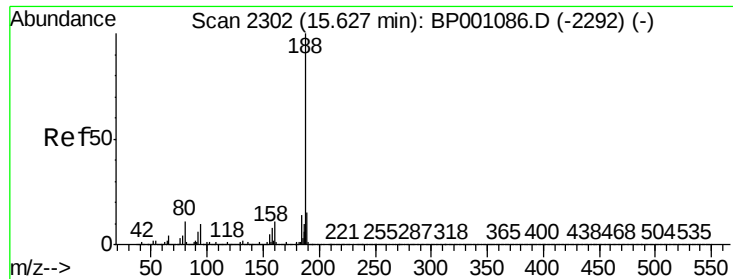
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#50
Dimethylphthalate
Concen: 8.649 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.02 min
Lab File: BP001132.D
Acq: 02 Dec 2019 18:14

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.1	4.7
164	9.8	8.1	12.1





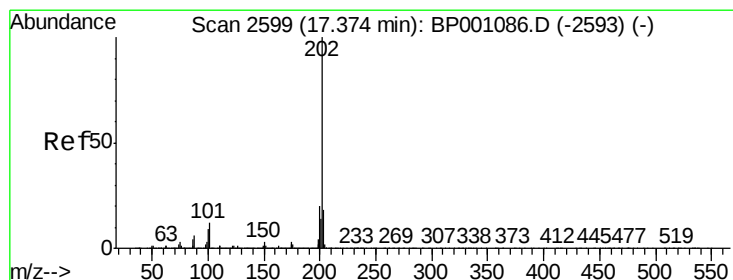
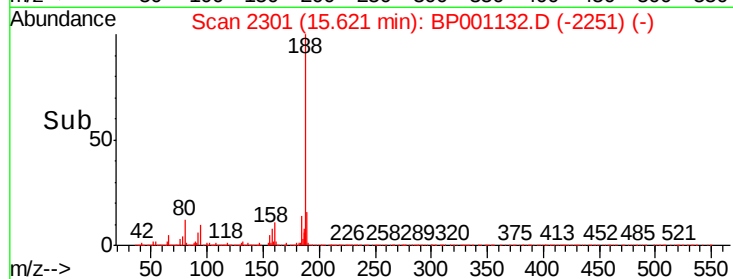
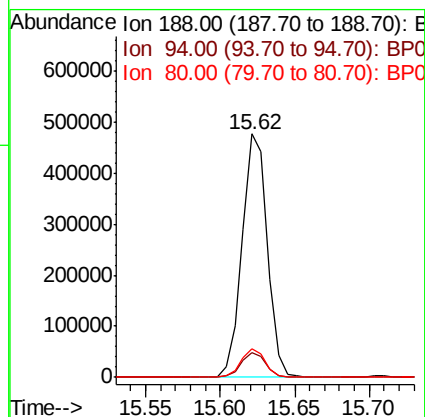
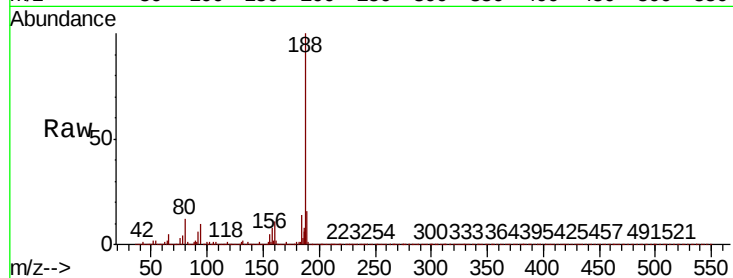
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BP001132.D
Acq: 02 Dec 2019 18:14

Instrument :
BNA_P
ClientSampleId :
TP-19-S

Tot Ion:	188	Resp:	557893
Ion Ratio	Lower	Upper	
188	100		
94	10.2	7.9	11.9
80	11.9	8.8	13.2

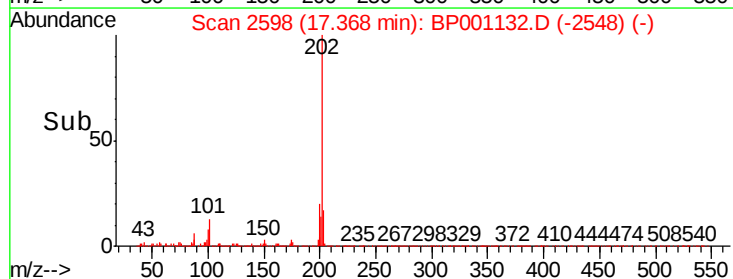
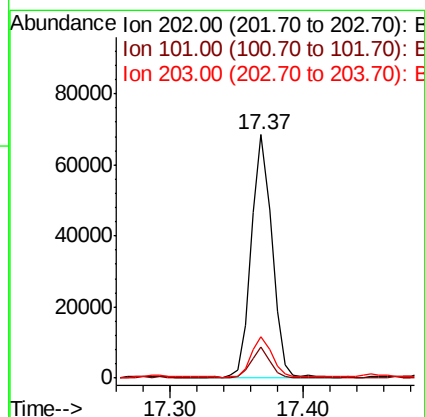
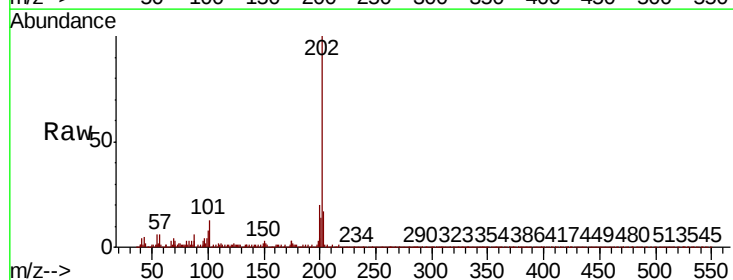
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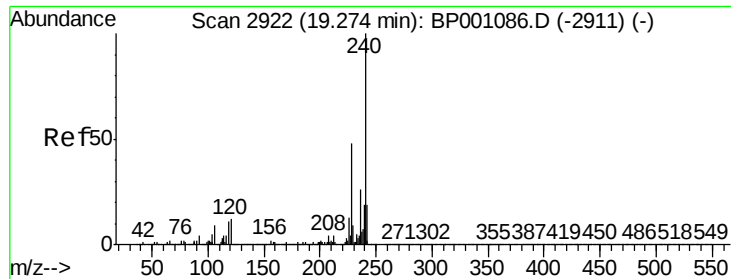
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#75
Fluoranthene
Concen: 2.331 ng
RT: 17.37 min Scan# 2598
Delta R.T. -0.01 min
Lab File: BP001132.D
Acq: 02 Dec 2019 18:14

Tgt Ion:	202	Resp:	72378
Ion Ratio	Lower	Upper	
202	100		
101	12.8	0.0	32.1
203	17.1	0.0	37.8





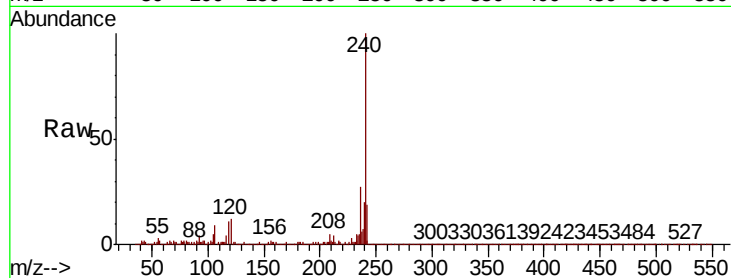
#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.27 min Scan# 2921
Delta R.T. -0.01 min
Lab File: BP001132.D
Acq: 02 Dec 2019 18:14

Instrument :
BNA_P
ClientSampled :
TP-19-S

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.5	14.3
236	27.0	20.4	30.6

Manual Integrations
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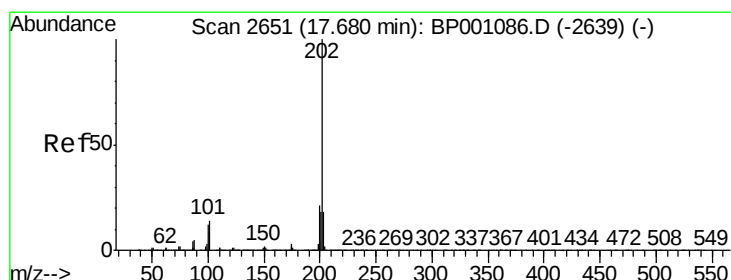
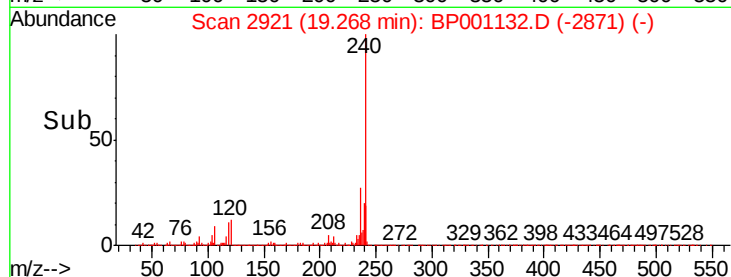
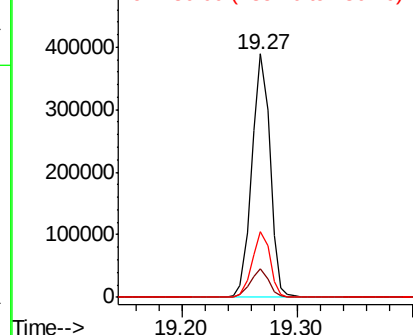


Abundance

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
Pyrene
Concen: 2.228 ng
RT: 17.67 min Scan# 2650
Delta R.T. -0.01 min
Lab File: BP001132.D
Acq: 02 Dec 2019 18:14

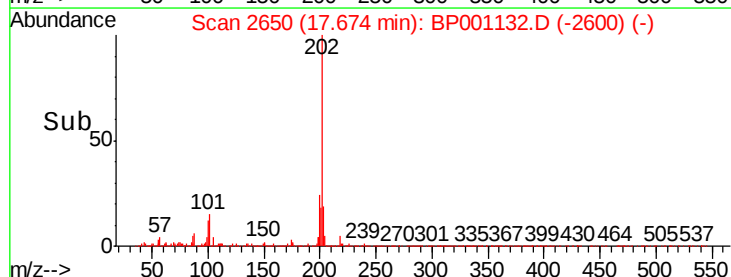
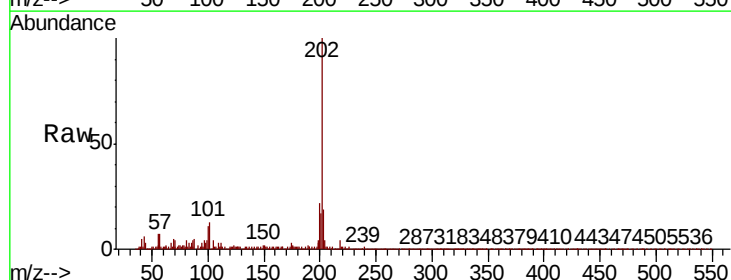
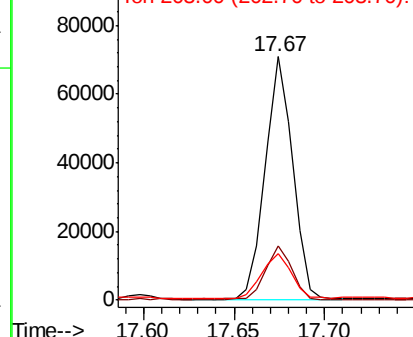
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.0	25.6
203	19.2	14.1	21.1

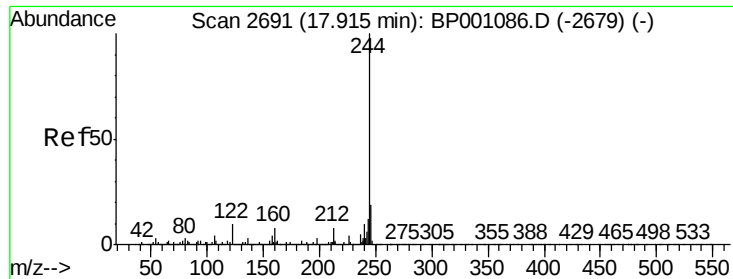
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 68.290 ng

RT: 17.91 min Scan# 2690

Delta R.T. -0.01 min

Lab File: BP001132.D

Acq: 02 Dec 2019 18:14

Instrument :

BNA_P

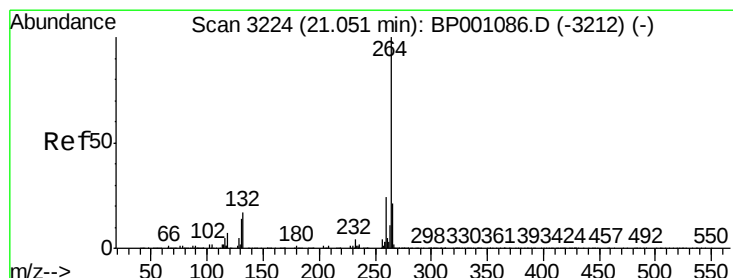
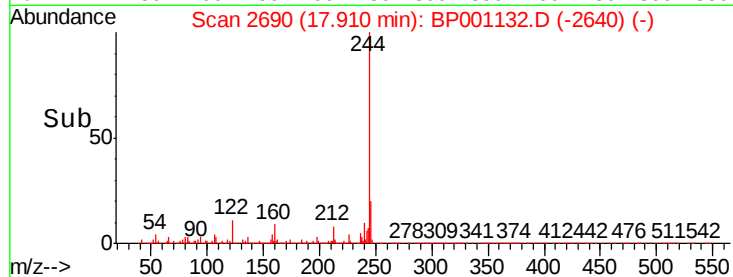
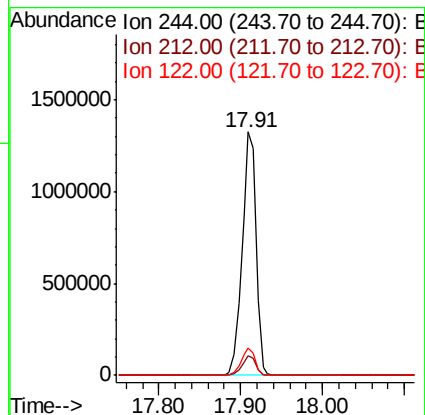
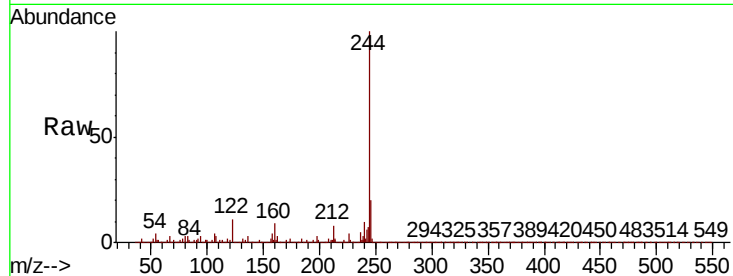
ClientSampleId :

TP-19-S

Tot Ion:	244	Resp:	1565291
Ion Ratio	Lower	Upper	
244	100		
212	8.2	6.2	9.2
122	11.3	8.2	12.2

Manual Integrations
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mohammad
12/4/2019 4:59:21 PM



#87

Perylene-d12

Concen: 20.000 ng

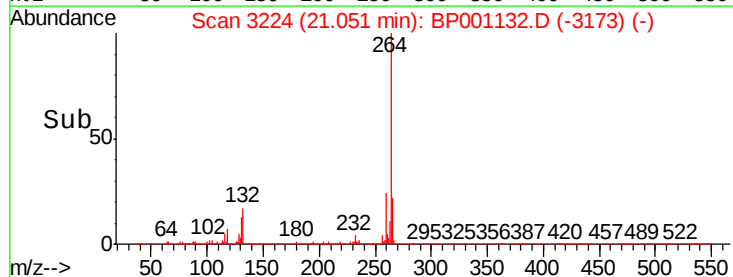
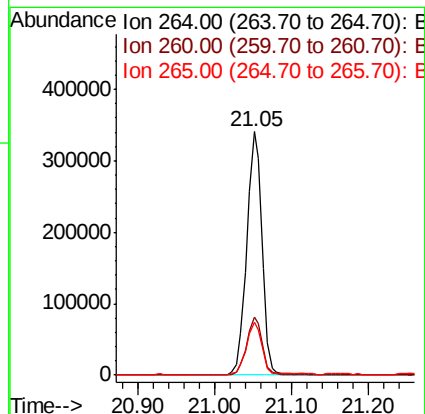
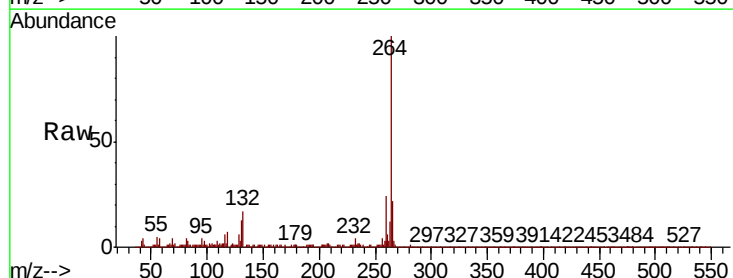
RT: 21.05 min Scan# 3224

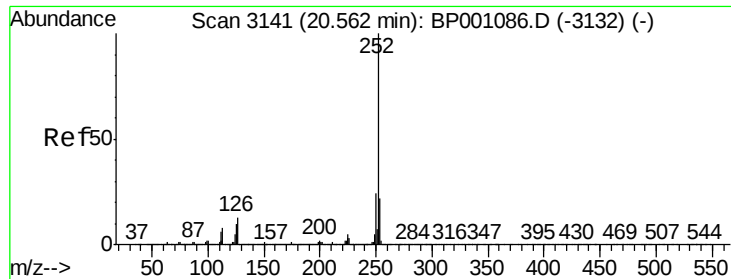
Delta R.T. -0.00 min

Lab File: BP001132.D

Acq: 02 Dec 2019 18:14

Tgt Ion:	264	Resp:	472500
Ion Ratio	Lower	Upper	
264	100		
260	23.8	18.8	28.2
265	21.9	16.9	25.3





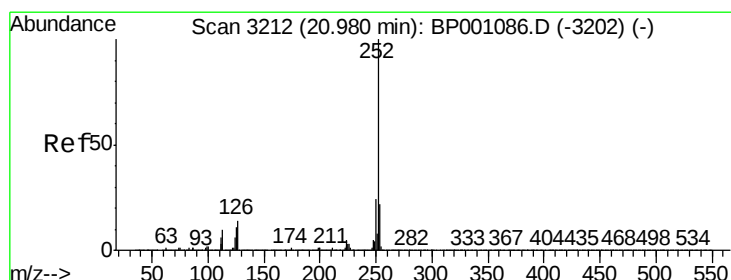
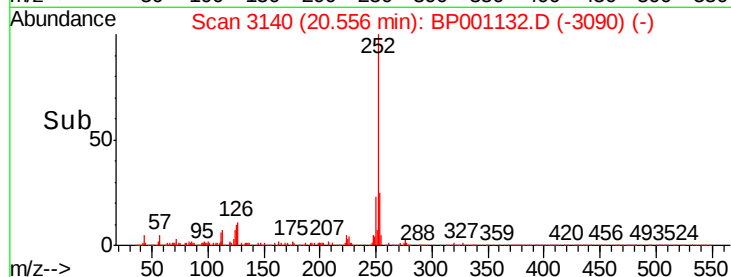
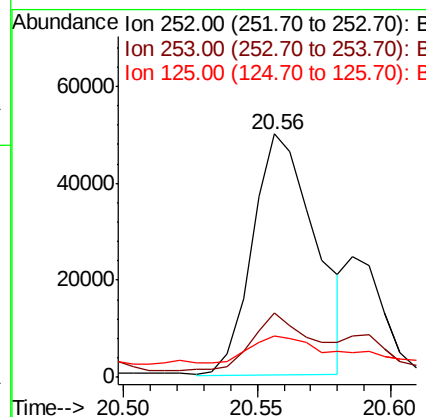
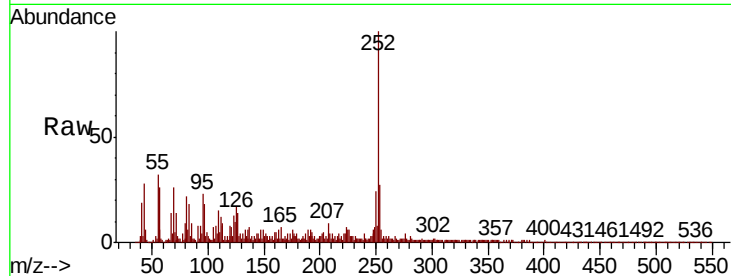
#88
Benzo(b)fluoranthene
Concen: 2.831 ng m
RT: 20.56 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BP001132.D
Acq: 02 Dec 2019 18:14

Instrument :
BNA_P
ClientSampleId :
TP-19-S

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.4	26.0#
125	16.9	8.1	12.1#

Manual Integrations
APPROVED

mohammad
12/4/2019 4:59:21 PM



#90
Benzo(a)pyrene
Concen: 2.034 ng
RT: 20.97 min Scan# 3211
Delta R.T. -0.01 min
Lab File: BP001132.D
Acq: 02 Dec 2019 18:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.4	17.4	26.0#
125	18.9	8.7	13.1#

