

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091919\
 Data File : BP000332.D
 Acq On : 19 Sep 2019 16:04
 Operator : HP/JU
 Sample : K4962-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TH-5

Manual Integrations
 APPROVED

mohammad
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Quant Time: Sep 20 05:15:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 19 14:44:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	229784	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	821381	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	441690	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	817155	20.00	ng	0.00
76) Chrysene-d12	13.99	240	716161	20.00	ng	0.00
87) Perylene-d12	15.47	264	807792	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1357972	102.02	ng	0.01
7) Phenol-d6	6.43	99	1704101	104.45	ng	0.00
23) Nitrobenzene-d5	7.35	82	930365	73.08	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	521545	119.05	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2102406	85.67	ng	0.00
79) Terphenyl-d14	12.93	244	2489092	72.91	ng	0.00
Target Compounds						
10) Phenol	6.44	94	102034	5.504	ng	96
50) Dimethylphthalate	9.55	163	257699	8.563	ng	98
71) Phenanthrene	11.35	178	133521	3.261	ng	98
75) Fluoranthene	12.55	202	176260	4.009	ng	95
78) Pyrene	12.78	202	151207	2.822	ng	98
81) Benzo(a)anthracene	13.98	228	93996	2.078	ng	99
88) Benzo(b)fluoranthene	15.04	252	133327m	2.767	ng	
90) Benzo(a)pyrene	15.40	252	97827	2.231	ng	98

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

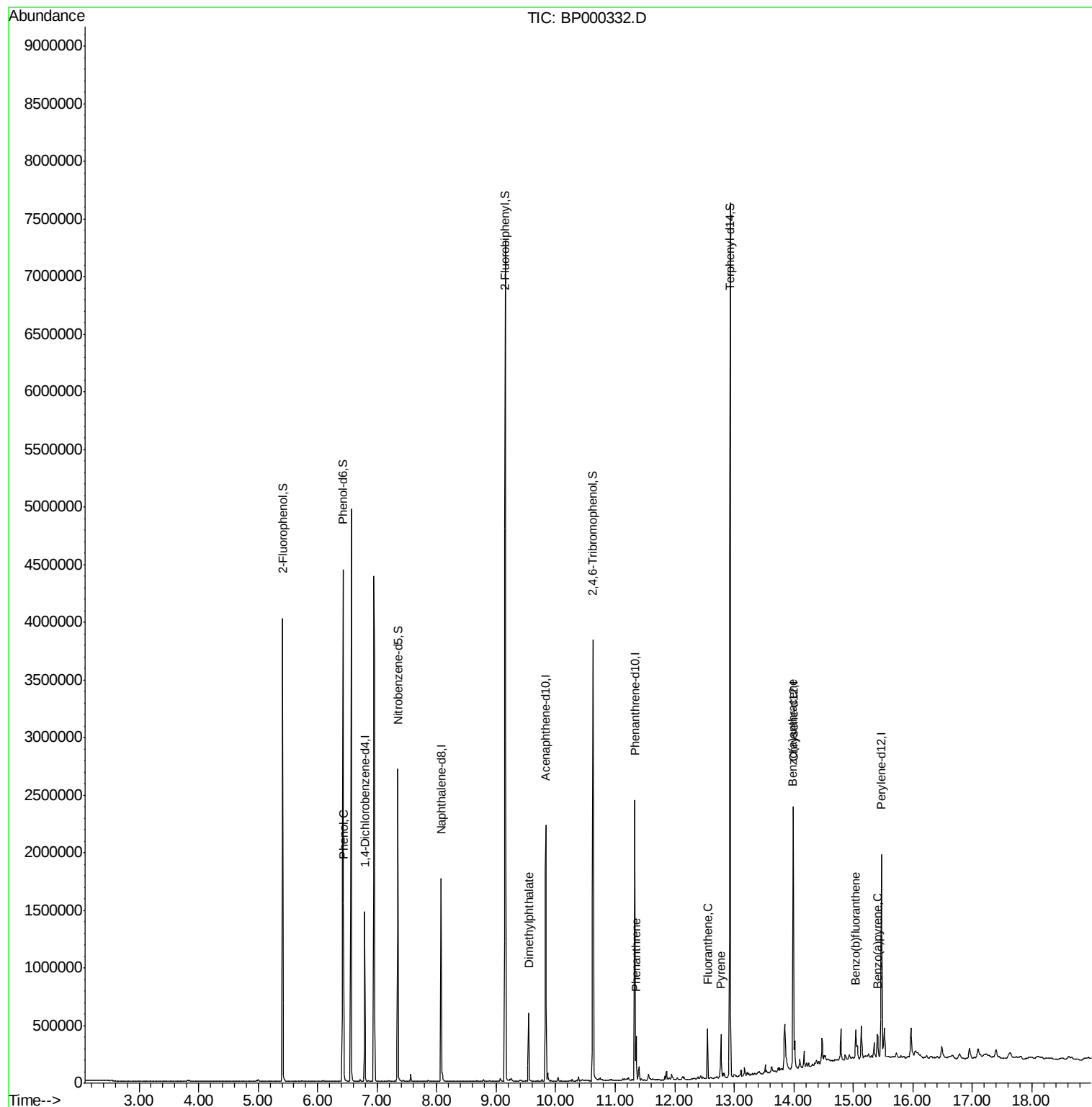
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091919\
Data File : BP000332.D
Acq On : 19 Sep 2019 16:04
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ALS Vial : 17 Sample Multiplier: 1

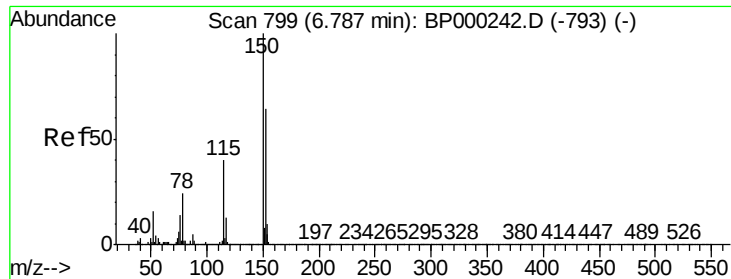
Instrument :
BNA_P
ClientSampleId :
TH-5

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#1

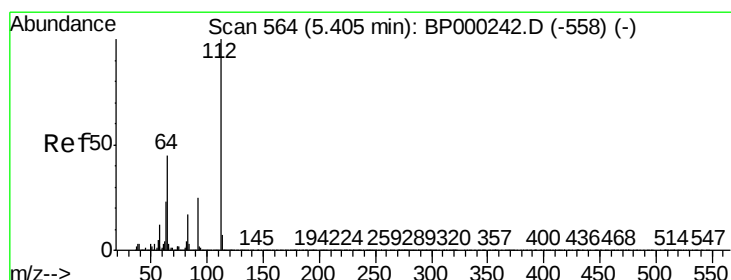
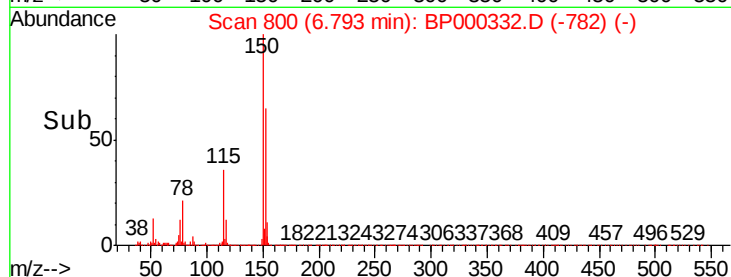
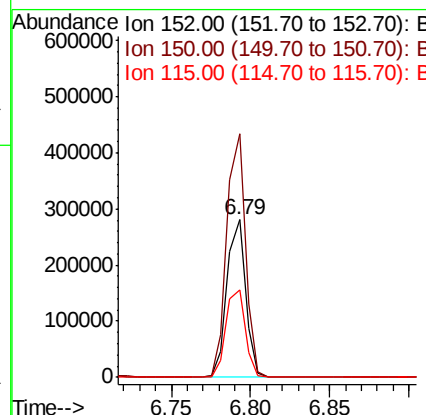
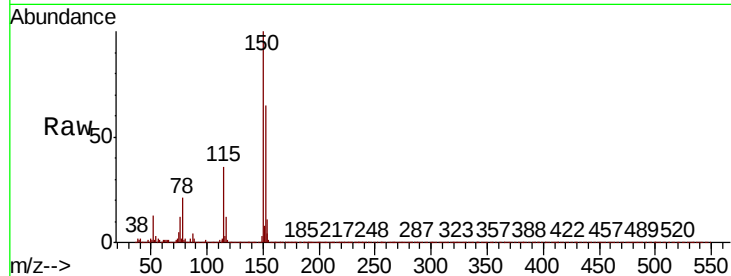
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000332.D
Acq: 19 Sep 2019 16:04

Instrument :
BNA_P
ClientSampled :
TH-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	125.2	187.8
115	55.8	49.7	74.5

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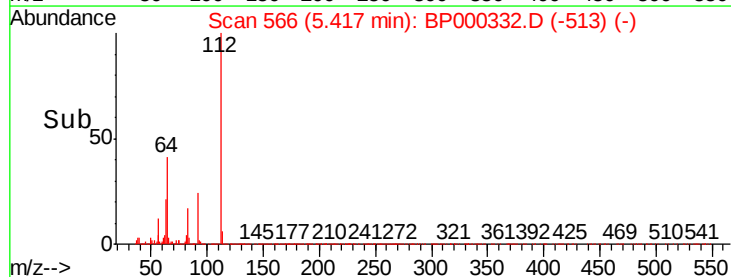
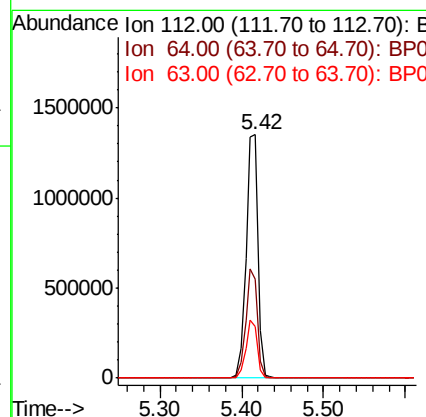
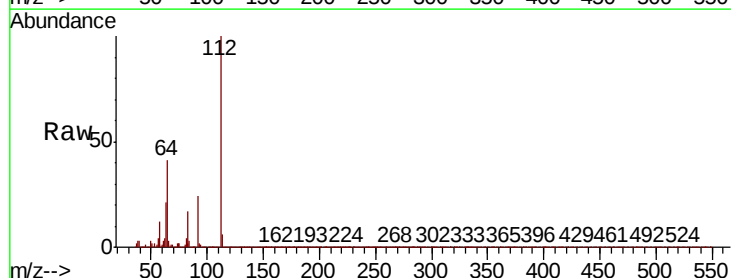
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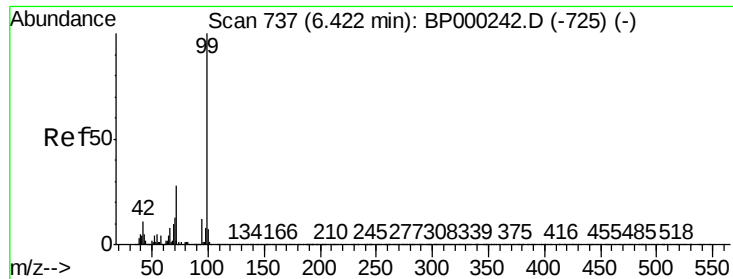


#5

2-Fluorophenol
Concen: 102.023 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BP000332.D
Acq: 19 Sep 2019 16:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	40.9	36.2	54.4
63	21.4	18.3	27.5





#7

Phenol-d6

Concen: 104.445 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000332.D

Acq: 19 Sep 2019 16:04

Instrument :

BNA_P

ClientSampleId :

TH-5

Tot Ion: 99 Resp: 1704101

Ion Ratio Lower Upper

99 100

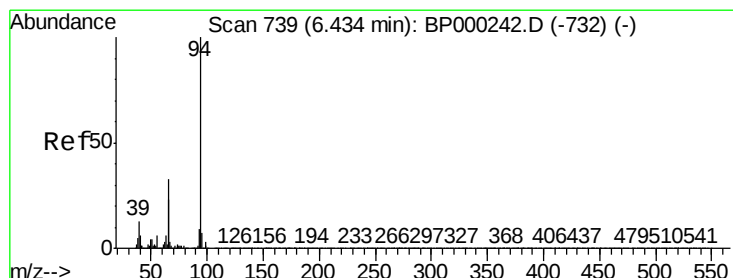
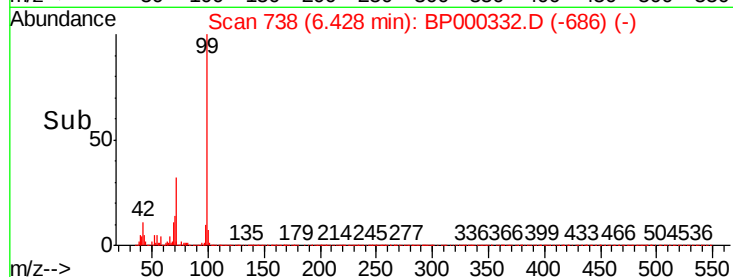
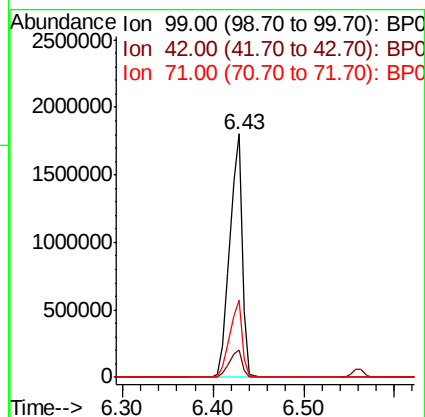
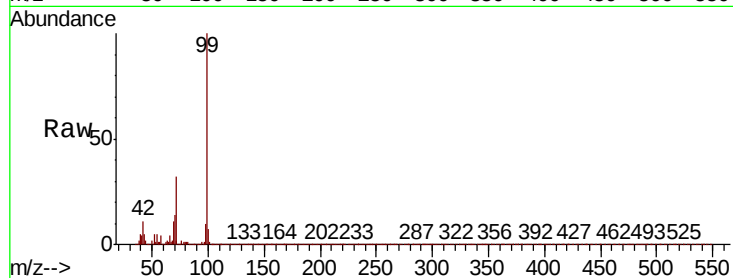
42 11.3 8.5 12.7

71 31.8 22.6 34.0

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#10

Phenol

Concen: 5.504 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BP000332.D

Acq: 19 Sep 2019 16:04

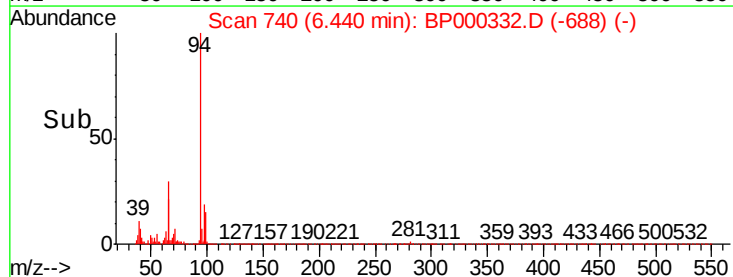
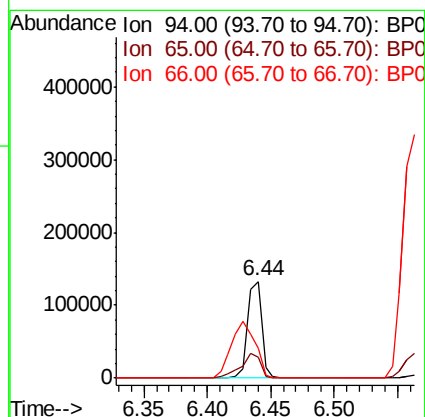
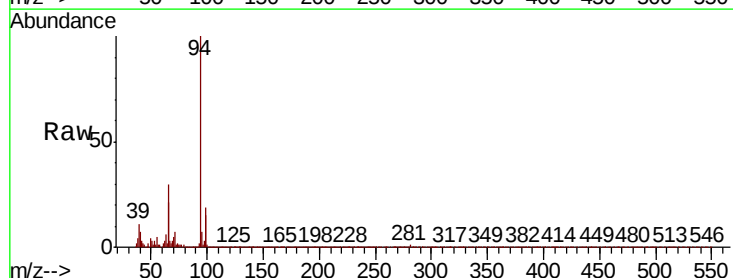
Tgt Ion: 94 Resp: 102034

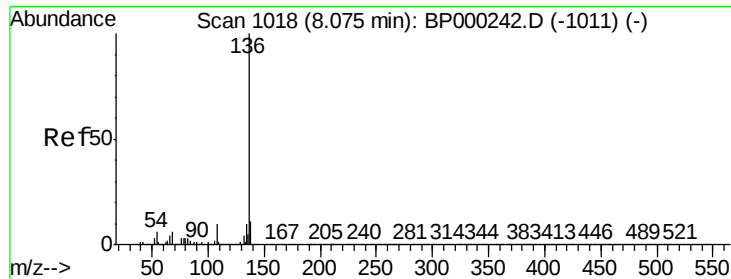
Ion Ratio Lower Upper

94 100

65 21.2 3.3 43.3

66 30.3 12.7 52.7





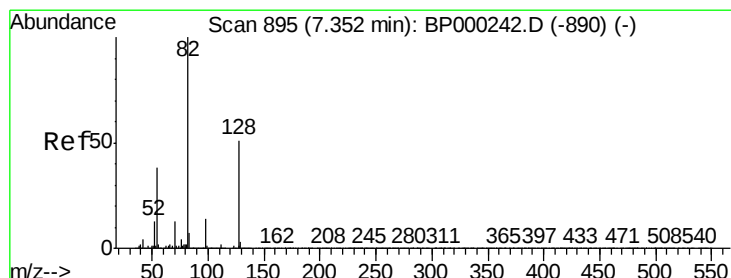
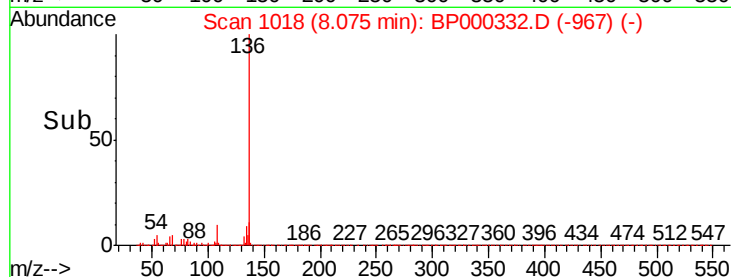
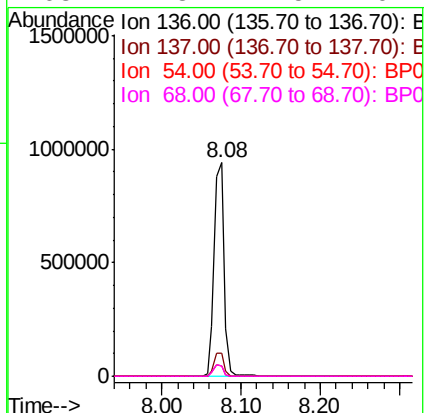
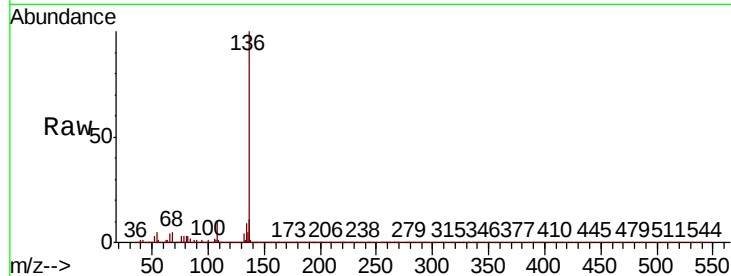
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BP000332.D
Acq: 19 Sep 2019 16:04

Instrument :
BNA_P
ClientSampleId :
TH-5

Tot Ion	Ratio	Resp	Lower	Upper
136	100	821381		
137	10.5		8.6	13.0
54	4.8		4.5	6.7
68	4.8		4.5	6.7

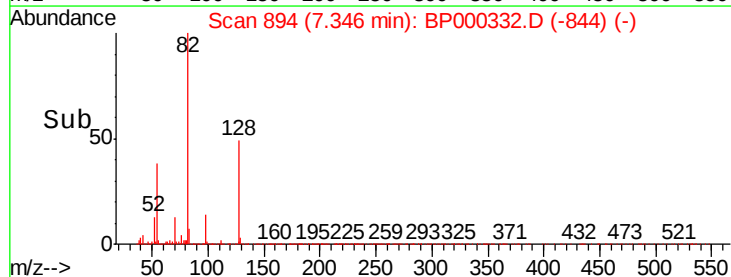
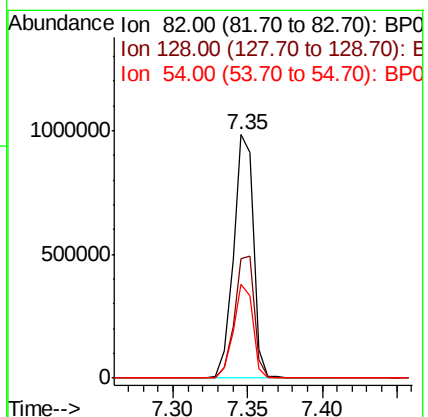
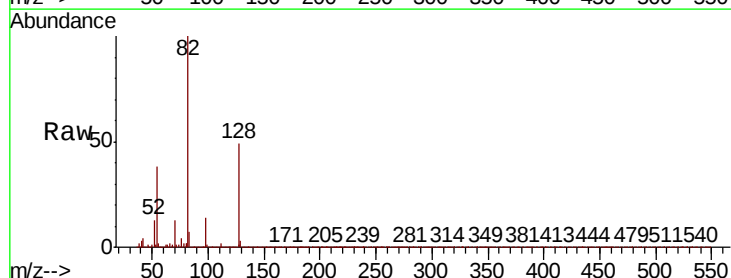
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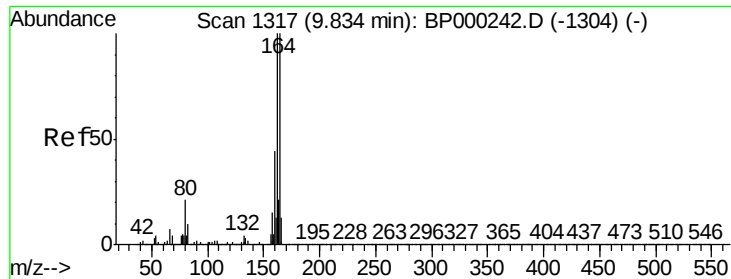
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#23
Nitrobenzene-d5
Concen: 73.080 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000332.D
Acq: 19 Sep 2019 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	930365		
128	49.2		40.7	61.1
54	38.4		30.1	45.1





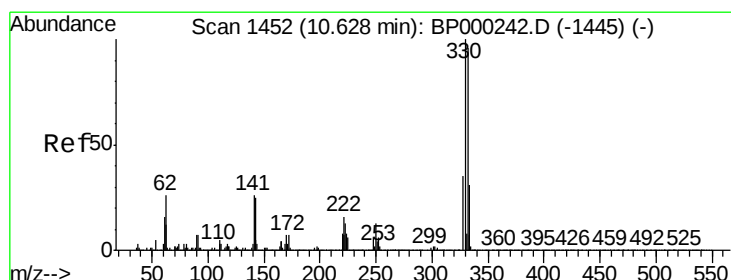
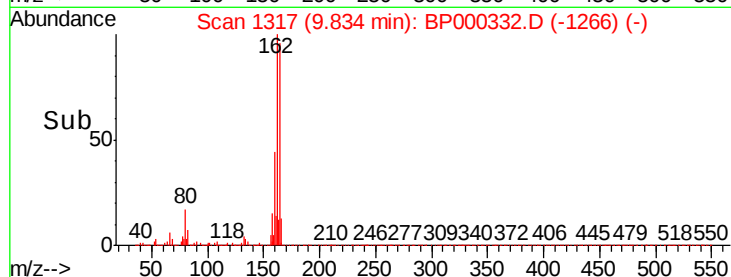
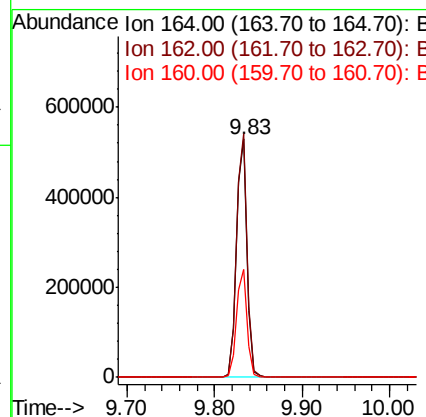
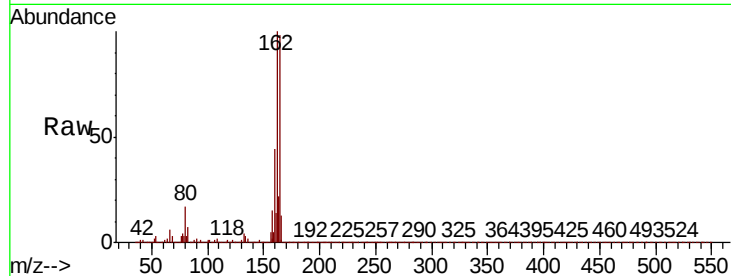
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BP000332.D
Acq: 19 Sep 2019 16:04

Instrument :
BNA_P
ClientSampleId :
TH-5

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.3	79.9	119.9	
160	45.3	35.6	53.4	

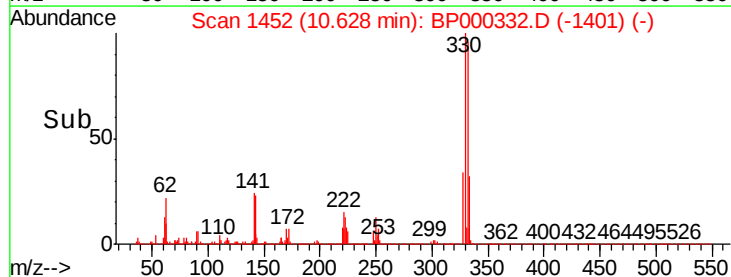
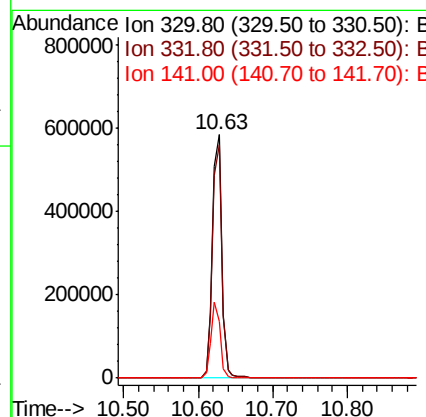
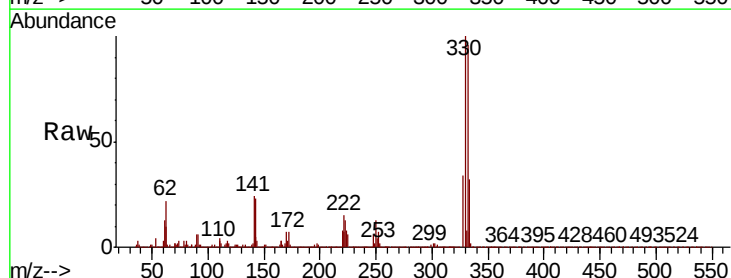
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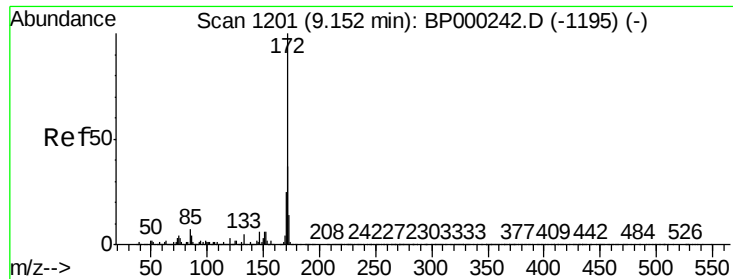
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#42
2,4,6-Tribromophenol
Concen: 119.048 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BP000332.D
Acq: 19 Sep 2019 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.0	76.6	115.0	
141	30.7	26.5	39.7	





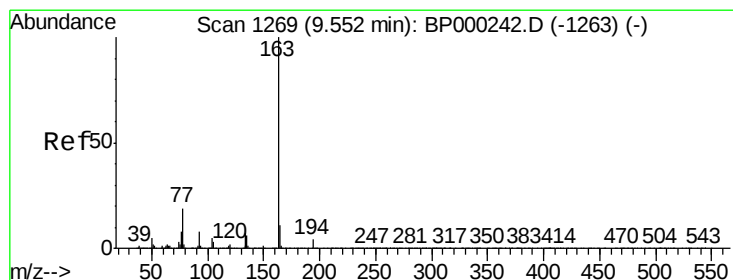
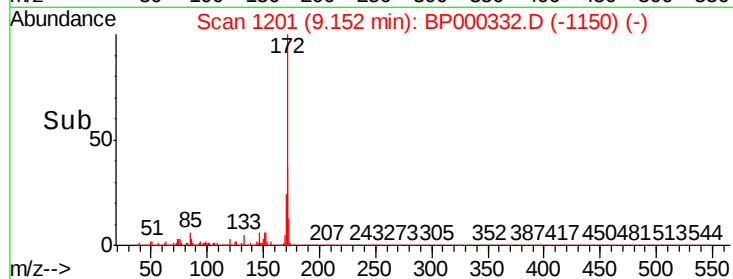
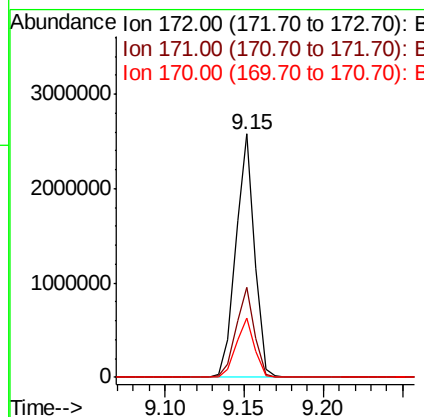
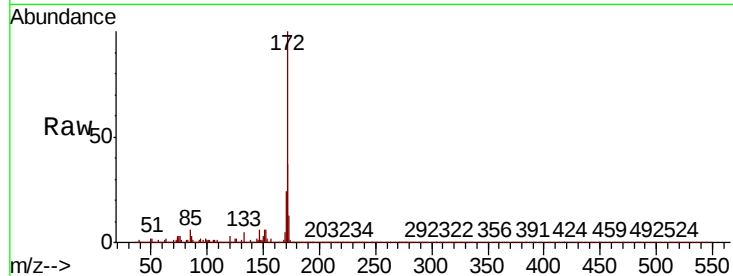
#45
2-Fluorobiphenyl
Concen: 85.669 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BP000332.D
Acq: 19 Sep 2019 16:04

Instrument :
BNA_P
ClientSampleId :
TH-5

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.8	44.6
170	24.4	19.8	29.6

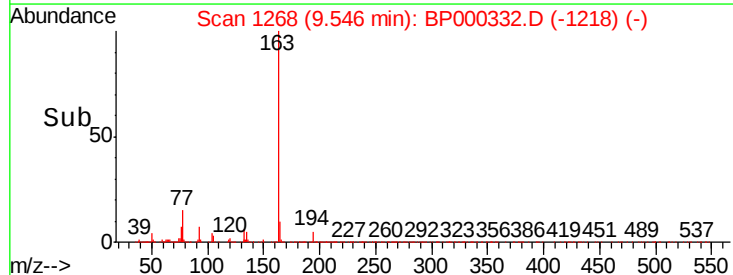
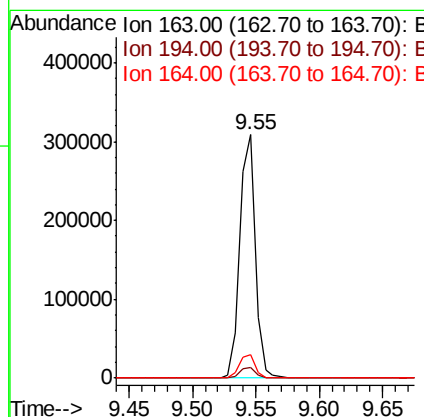
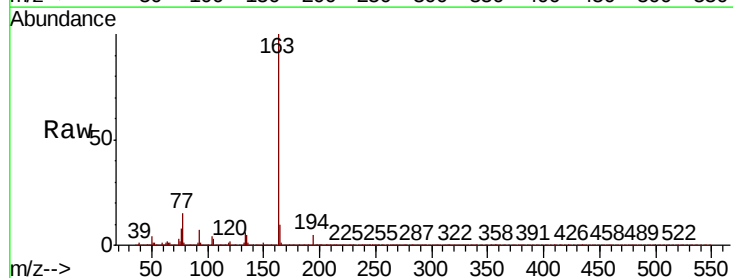
Manual Integrations
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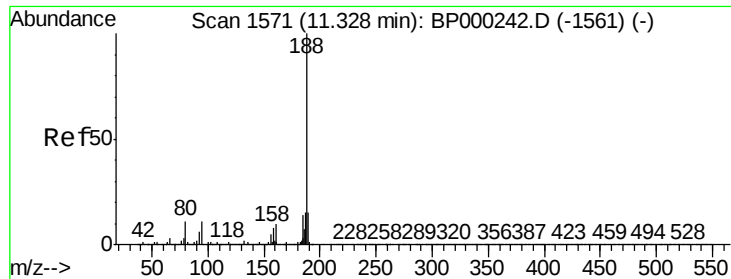
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#50
Dimethylphthalate
Concen: 8.563 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BP000332.D
Acq: 19 Sep 2019 16:04

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.0
164	9.9	8.5	12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BP000332.D

Acq: 19 Sep 2019 16:04

Instrument :

BNA_P

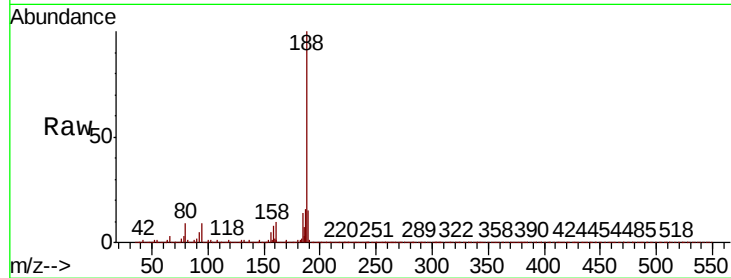
ClientSampled :

TH-5

Tot Ion:	188	Resp:	817155
Ion Ratio	Lower	Upper	
188	100		
94	9.0	8.5	12.7
80	9.0	8.6	13.0

Manual Integrations
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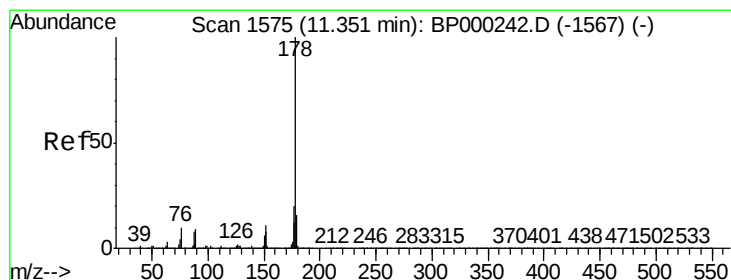
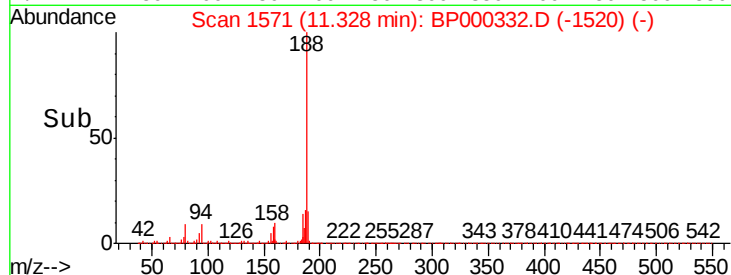
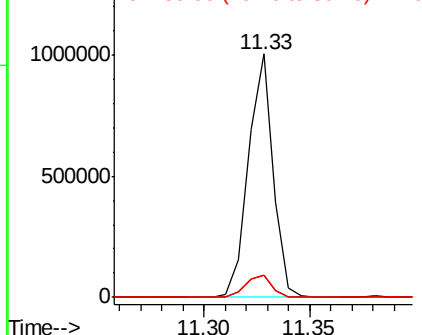
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#71

Phenanthrene

Concen: 3.261 ng

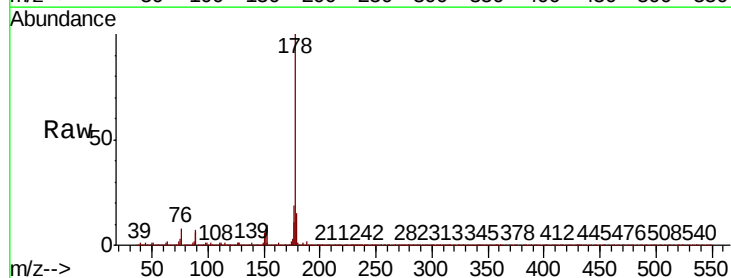
RT: 11.35 min Scan# 1575

Delta R.T. 0.00 min

Lab File: BP000332.D

Acq: 19 Sep 2019 16:04

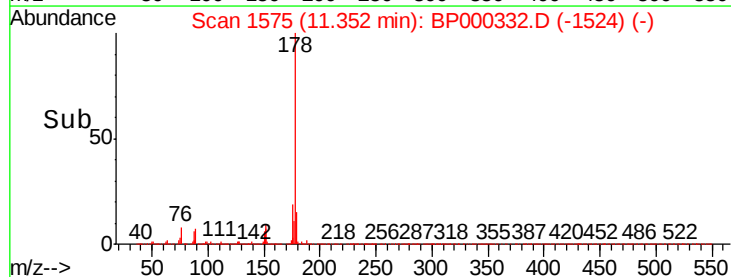
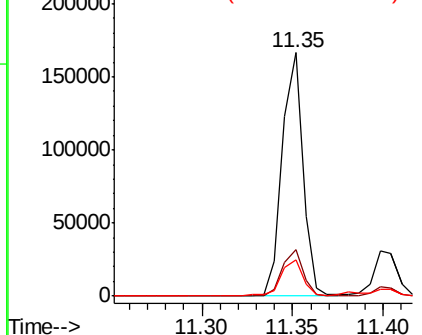
Tgt Ion:	178	Resp:	133521
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.8	23.8
179	15.0	12.7	19.1

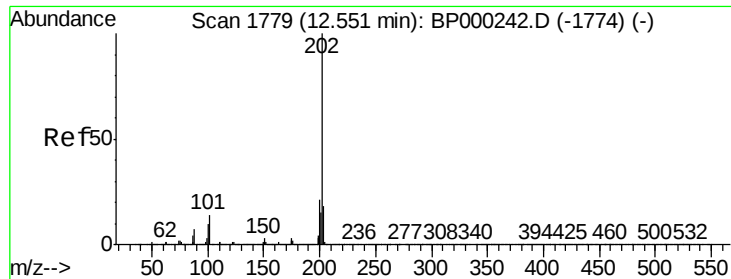


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 4.009 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BP000332.D

Acq: 19 Sep 2019 16:04

Instrument :

BNA_P

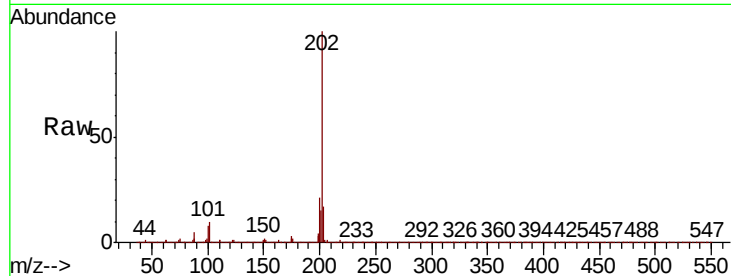
ClientSampled :

TH-5

Tot Ion:	202	Resp:	176260
Ion Ratio		Lower	Upper
202	100		
101	10.1	0.0	33.9
203	17.2	0.0	38.0

Manual Integrations
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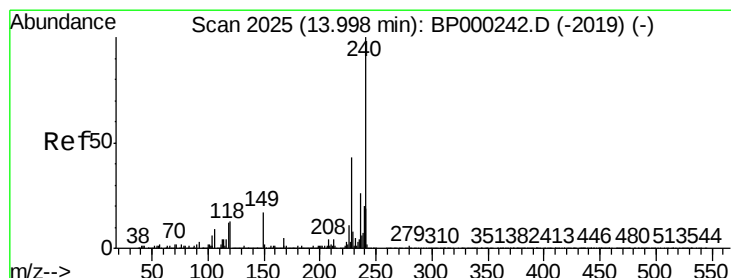
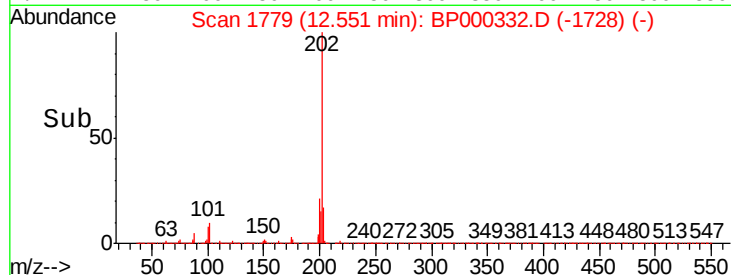
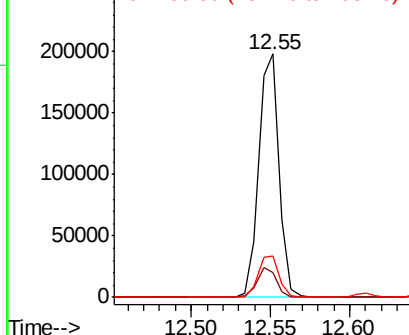


Abundance

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

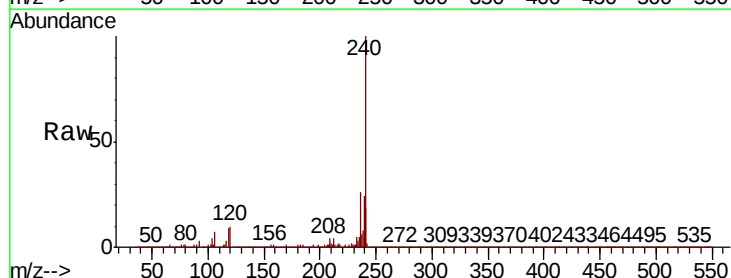
RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BP000332.D

Acq: 19 Sep 2019 16:04

Tgt Ion:	240	Resp:	716161
Ion Ratio		Lower	Upper
240	100		
120	10.0	10.4	15.6#
236	26.2	21.0	31.6

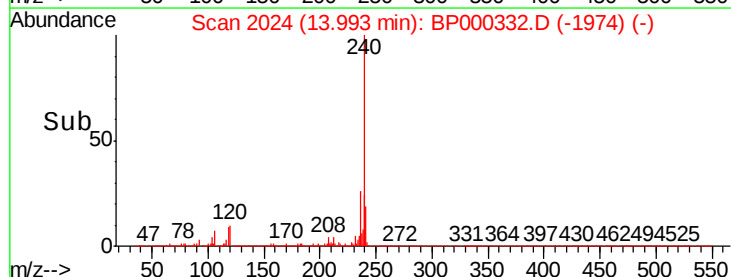
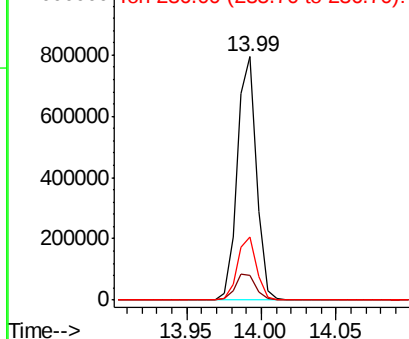


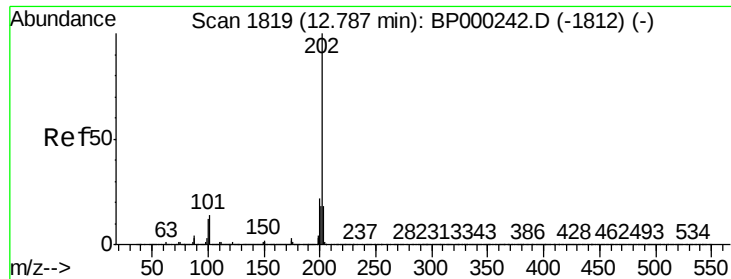
Abundance

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





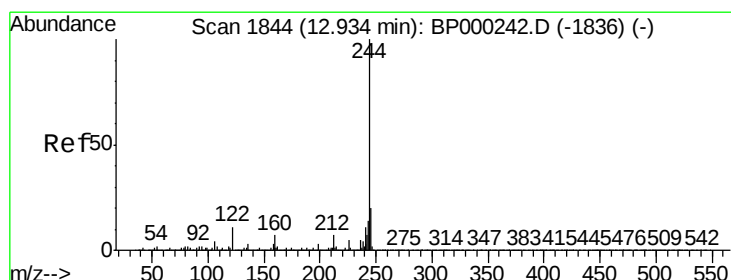
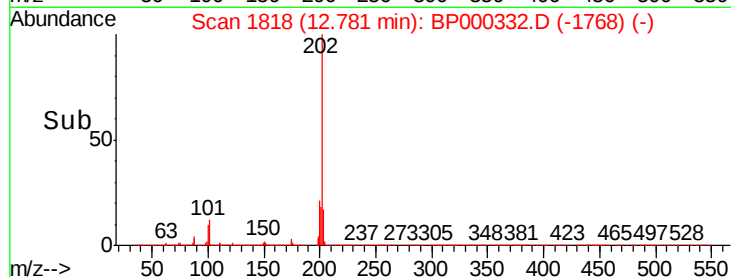
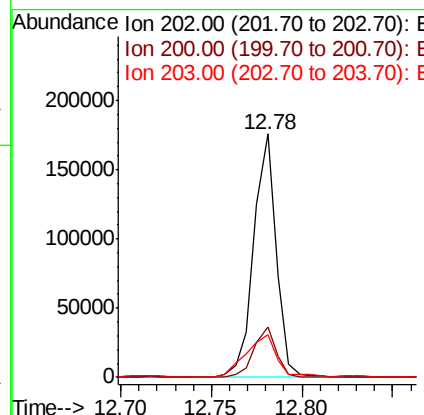
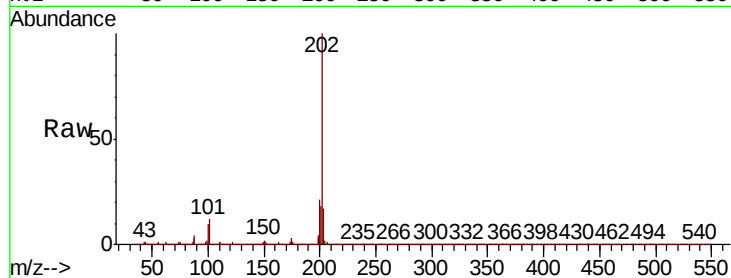
#78
Pvrene
Concen: 2.822 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BP000332.D
Acq: 19 Sep 2019 16:04

Instrument :
BNA_P
ClientSampleId :
TH-5

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.5	26.3
203	17.5	14.3	21.5

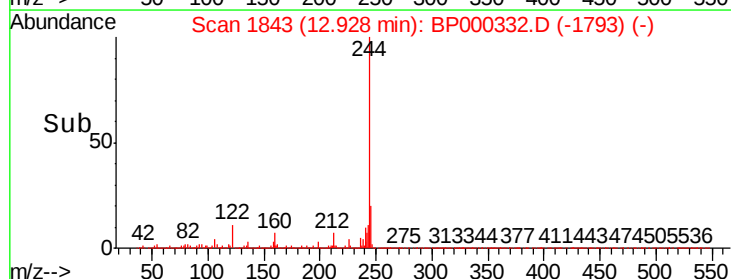
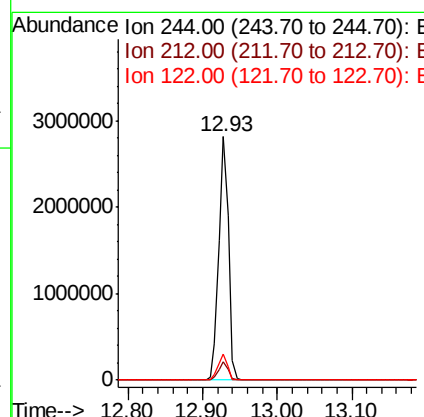
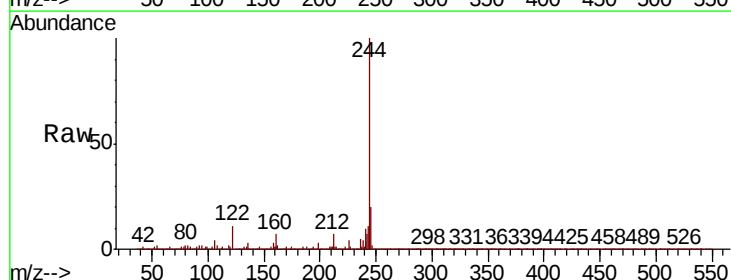
Manual Integrations
APPROVED

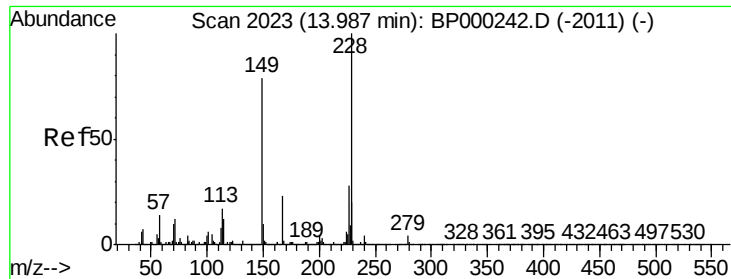
mohammad
9/20/2019 1:08:49 PM



#79
Terphenyl-d14
Concen: 72.913 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BP000332.D
Acq: 19 Sep 2019 16:04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	10.6	9.0	13.4





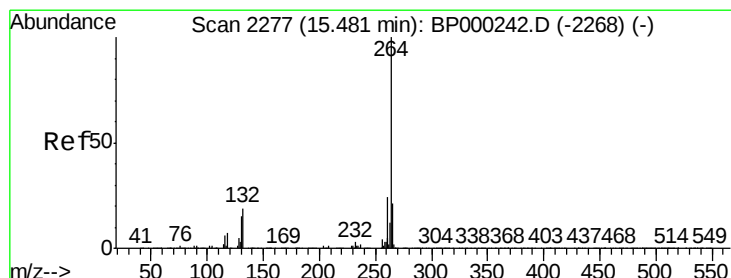
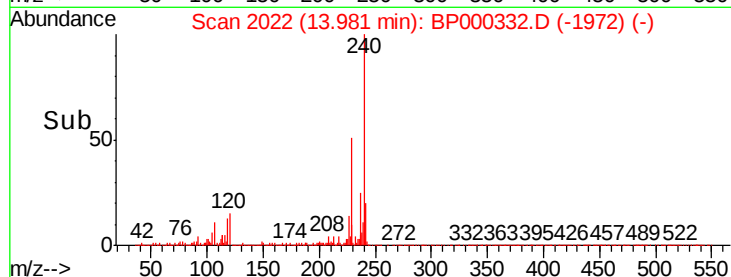
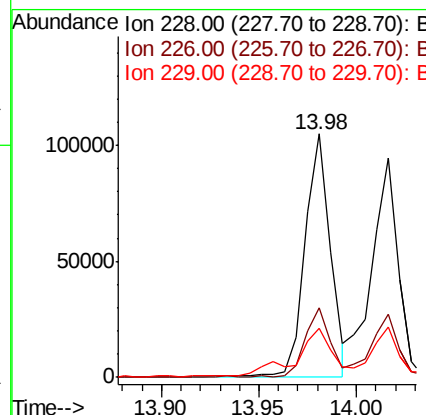
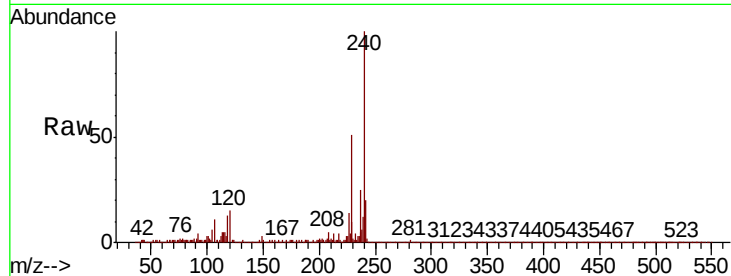
#81
Benzo(a)anthracene
Concen: 2.078 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BP000332.D
Acq: 19 Sep 2019 16:04

Instrument :
BNA_P
ClientSampled :
TH-5

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.2	33.4
229	20.1	16.0	24.0

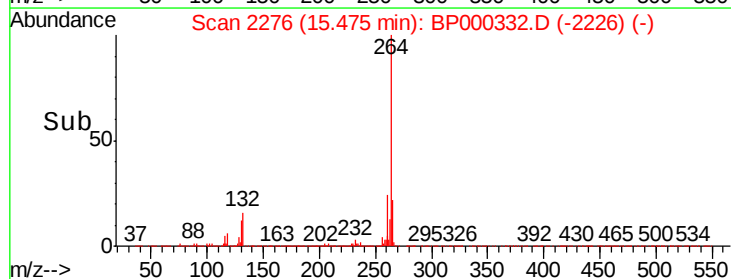
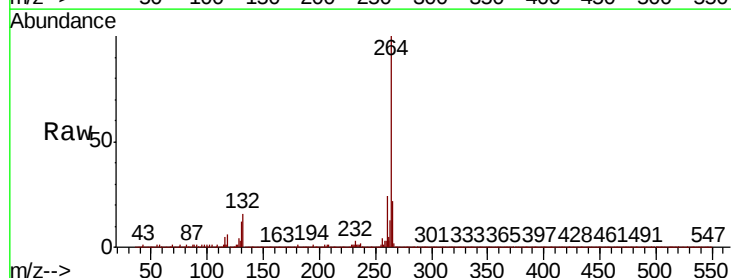
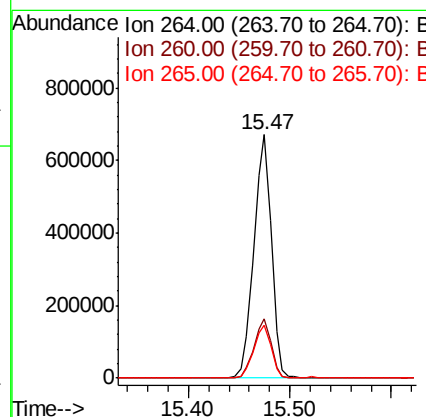
Manual Integrations
APPROVED

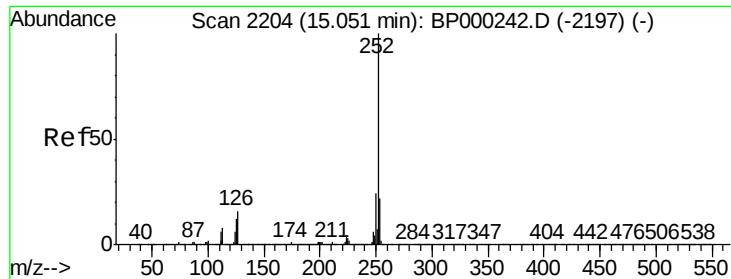
mohammad
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BP000332.D
Acq: 19 Sep 2019 16:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.9	28.3
265	21.8	17.2	25.8





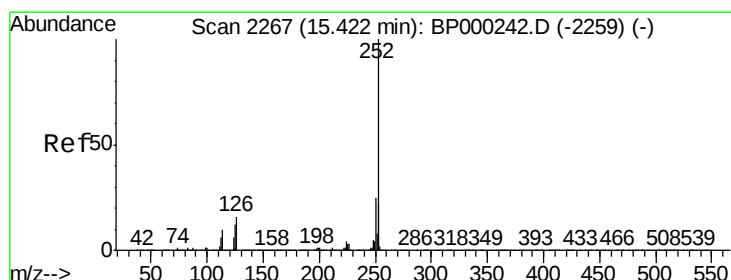
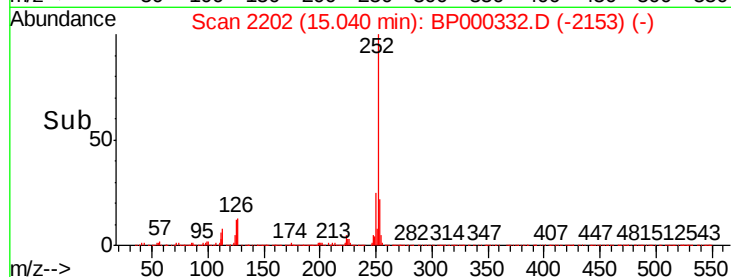
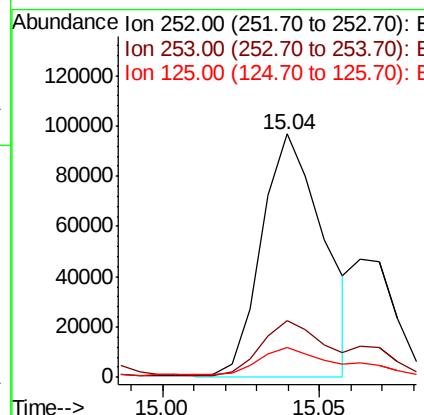
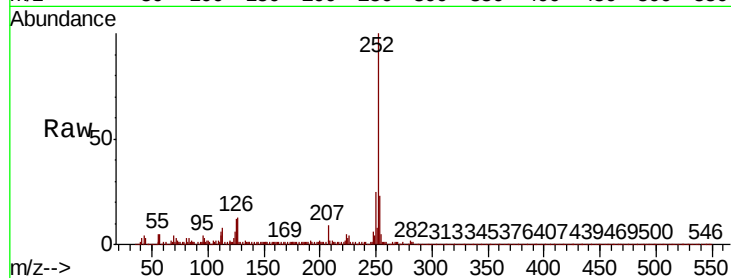
#88
Benzo(b)fluoranthene
Concen: 2.767 ng m
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BP000332.D
Acq: 19 Sep 2019 16:04

Instrument :
BNA_P
ClientSampleId :
TH-5

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	12.4	9.5	14.3

Manual Integrations
APPROVED

mohammad
9/20/2019 1:08:49 PM



#90
Benzo(a)pyrene
Concen: 2.231 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.02 min
Lab File: BP000332.D
Acq: 19 Sep 2019 16:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.7	26.5
125	13.3	10.0	15.0

