

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
 Data File : BP000256.D
 Acq On : 16 Sep 2019 23:13
 Operator : HP/JU
 Sample : K4873-02 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COMP-28

Manual Integrations
 APPROVED

mohammad
 9/17/2019 1:27:46 PM

Quant Time: Sep 17 07:22:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 16 18:59:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	351750	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1278001	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	684814	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1195086	20.00	ng	0.00
76) Chrysene-d12	13.99	240	989956	20.00	ng	-0.01
87) Perylene-d12	15.47	264	995170	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	979484	48.07	ng	0.00
7) Phenol-d6	6.42	99	1302901	52.17	ng	0.00
23) Nitrobenzene-d5	7.35	82	687744	34.72	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	285995	42.10	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1627044	42.76	ng	0.00
79) Terphenyl-d14	12.92	244	1725186	36.56	ng	-0.01
Target Compounds						
10) Phenol	6.43	94	65617	2.312	ng	98
50) Dimethylphthalate	9.54	163	218258	4.678	ng	99
71) Phenanthrene	11.35	178	383109	6.397	ng	99
75) Fluoranthene	12.55	202	865400	13.457	ng	98
78) Pyrene	12.77	202	788262	10.643	ng	99
81) Benzo(a)anthracene	13.98	228	363627	5.815	ng	94
83) Chrysene	14.02	228	345555	5.628	ng	97
84) Bis(2-ethylhexyl)phthalate	13.98	149	85967	2.104	ng	# 96
86) Indeno(1,2,3-cd)pyrene	16.95	276	150408	2.010	ng	95
88) Benzo(b)fluoranthene	15.04	252	388989m	6.552	ng	
89) Benzo(k)fluoranthene	15.07	252	130397m	2.518	ng	
90) Benzo(a)pyrene	15.41	252	269355	4.986	ng	# 92
92) Benzo(a,h,i)perylene	17.40	276	144574	2.793	ng	93

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

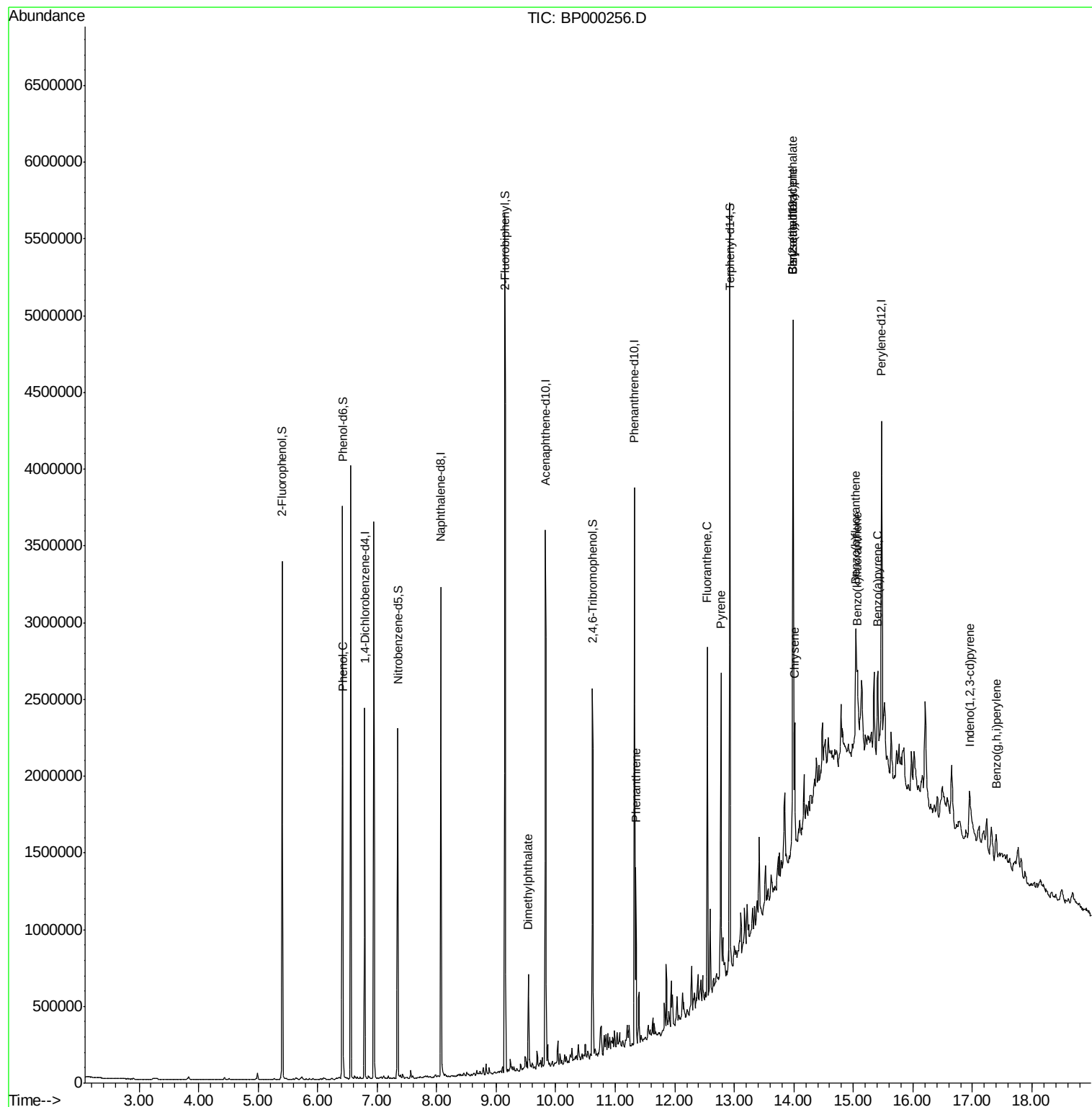
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
Data File : BP000256.D
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Sample : K4873-02 2X
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ALS Vial : 18 Sample Multiplier: 1

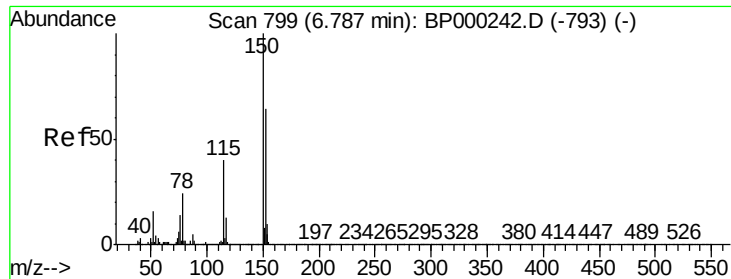
Instrument :
BNA_P
ClientSampled :
COMP-28

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

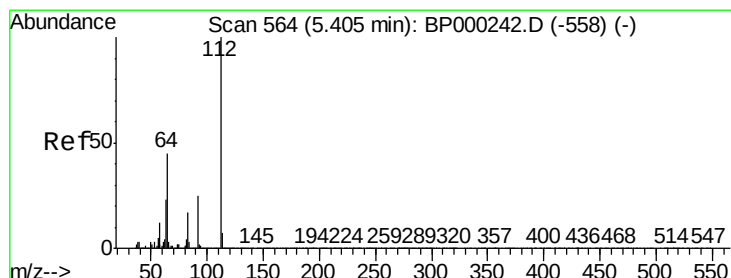
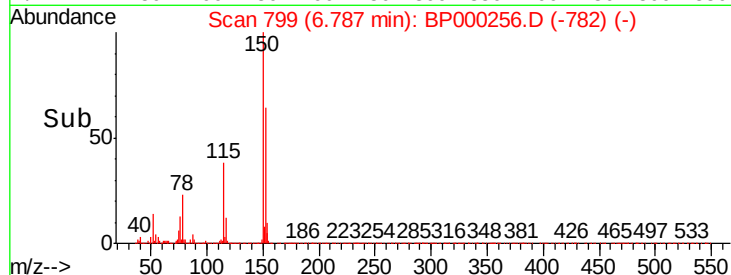
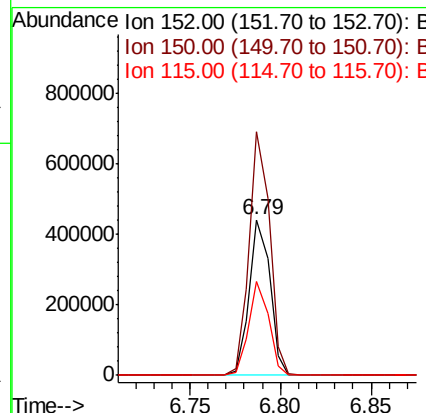
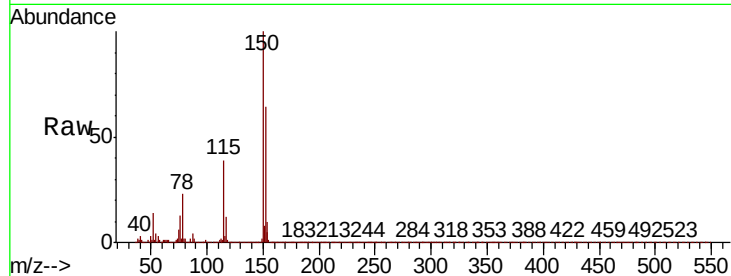
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000256.D
Acq: 16 Sep 2019 23:13

Instrument :
BNA_P
ClientSampleId :
COMP-28

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	125.2	187.8
115	60.1	49.7	74.5

Manual Integrations
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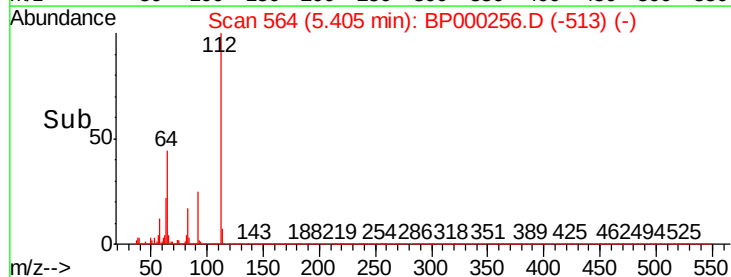
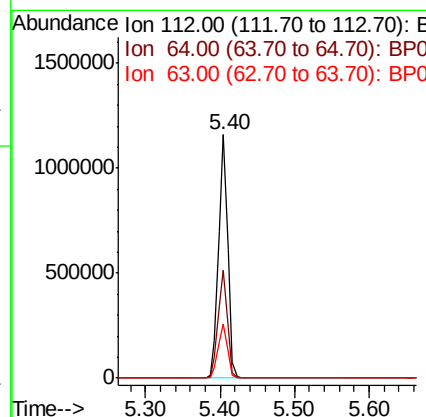
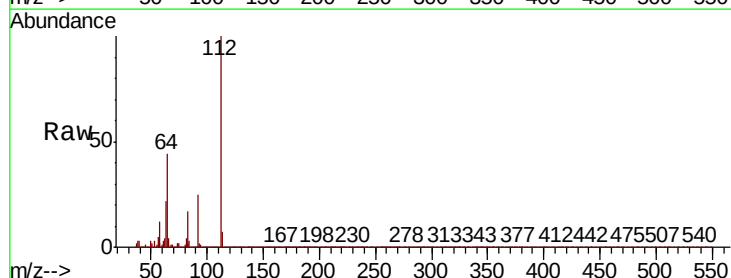
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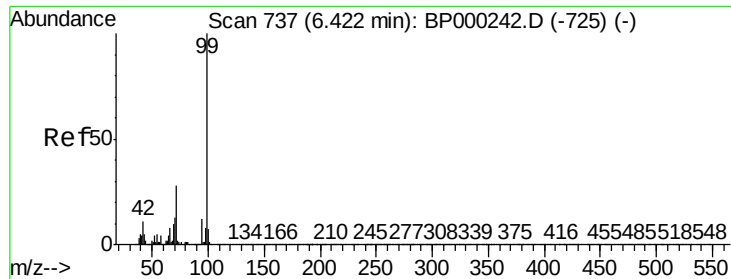


#5

2-Fluorophenol
Concen: 48.072 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.00 min
Lab File: BP000256.D
Acq: 16 Sep 2019 23:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.5	36.2	54.4
63	22.5	18.3	27.5





#7

Phenol-d6

Concen: 52.166 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BP000256.D

Acq: 16 Sep 2019 23:13

Instrument :

BNA_P

ClientSampleId :

COMP-28

Tot Ion: 99 Resp: 1302901

Ion Ratio Lower Upper

99 100

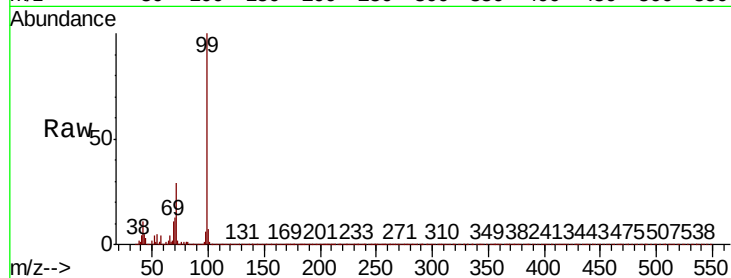
42 11.2 8.5 12.7

71 29.3 22.6 34.0

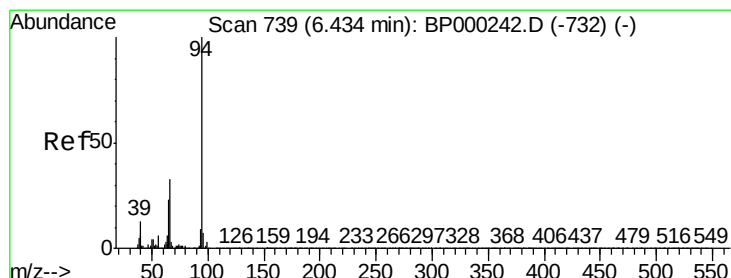
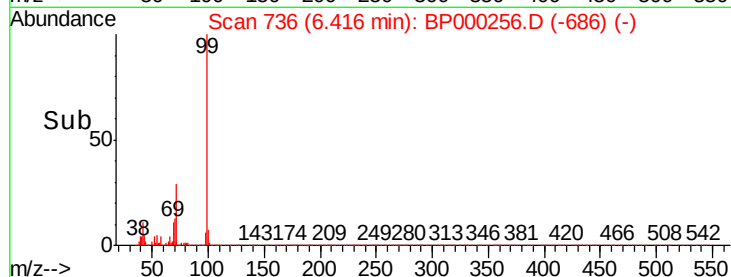
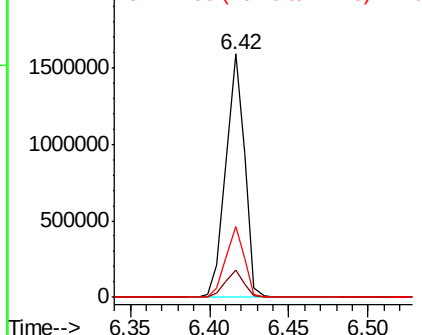
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Abundance Ion 99.00 (98.70 to 99.70): BP0
Ion 42.00 (41.70 to 42.70): BP0
Ion 71.00 (70.70 to 71.70): BP0



#10

Phenol

Concen: 2.312 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BP000256.D

Acq: 16 Sep 2019 23:13

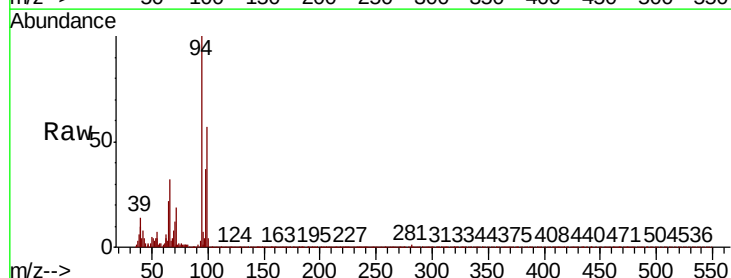
Tgt Ion: 94 Resp: 65617

Ion Ratio Lower Upper

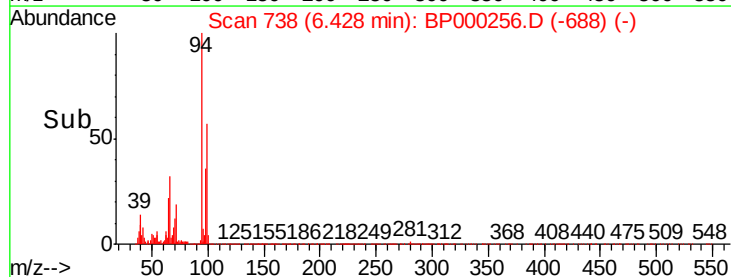
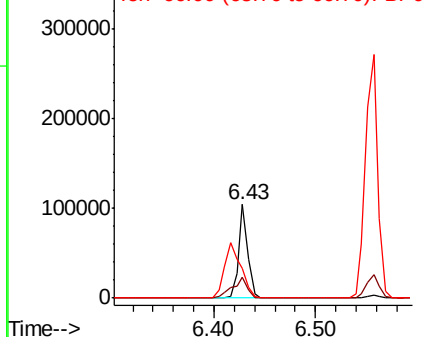
94 100

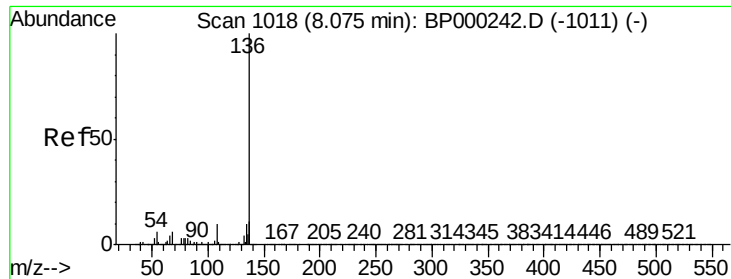
65 22.1 3.3 43.3

66 32.1 12.7 52.7



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





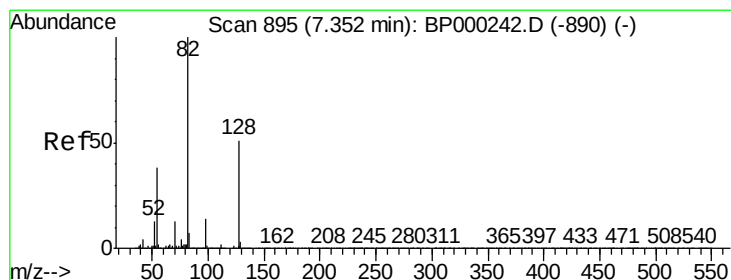
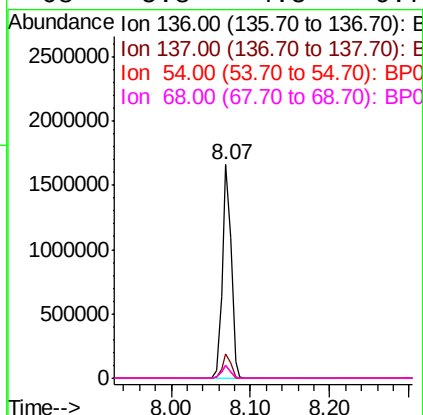
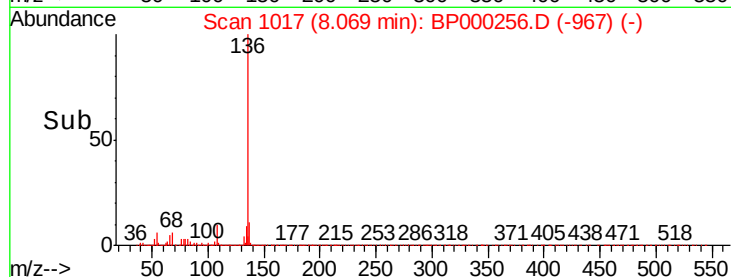
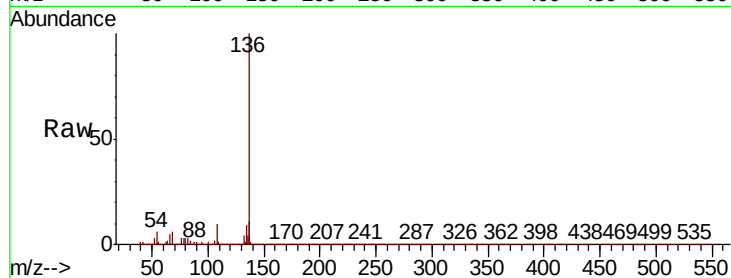
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000256.D
Acq: 16 Sep 2019 23:13

Instrument :
BNA_P
ClientSampleID :
COMP-28

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.2	8.6	13.0		
54	5.9	4.5	6.7		
68	5.8	4.5	6.7		

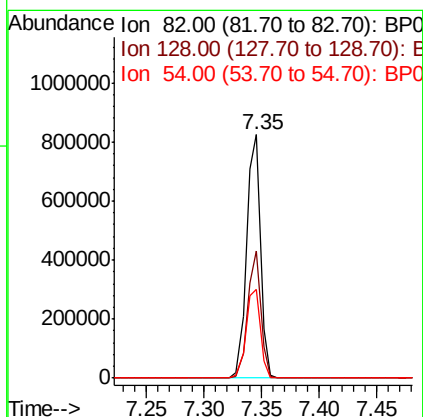
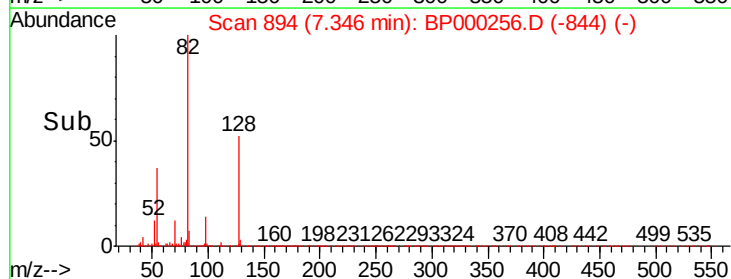
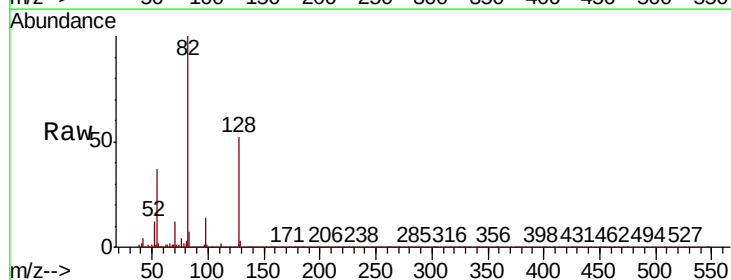
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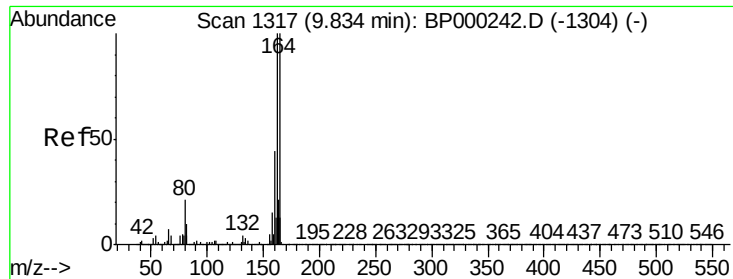
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#23
Nitrobenzene-d5
Concen: 34.721 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000256.D
Acq: 16 Sep 2019 23:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100				
128	52.3	40.7	61.1		
54	36.7	30.1	45.1		





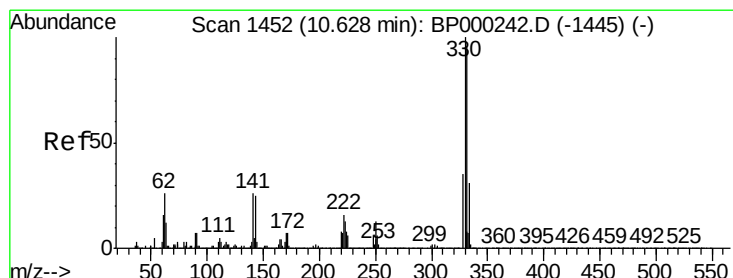
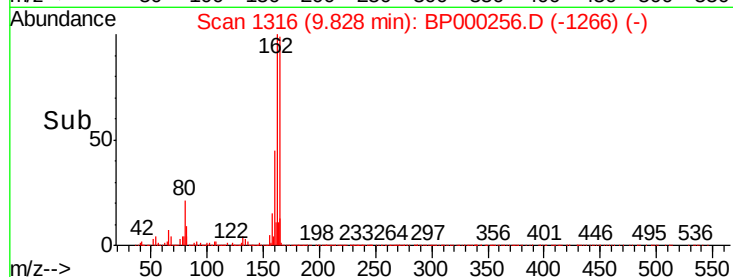
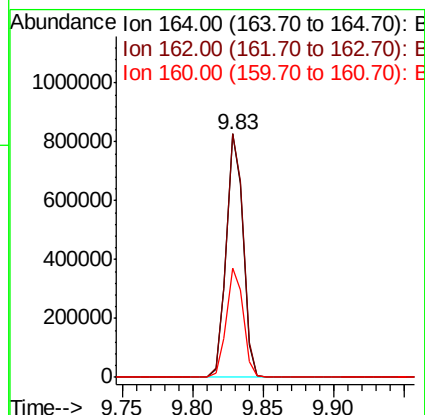
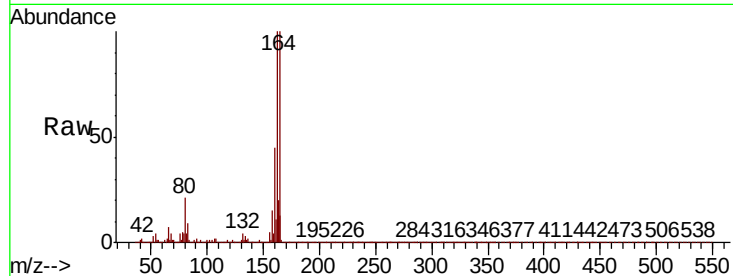
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BP000256.D
Acq: 16 Sep 2019 23:13

Instrument :
BNA_P
ClientSampleId :
COMP-28

Tot Ion	Ratio	Resp	Lower	Upper
164	100	684814		
162	99.9	79.9	119.9	
160	44.8	35.6	53.4	

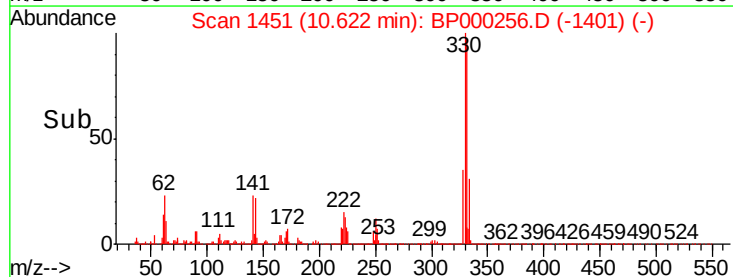
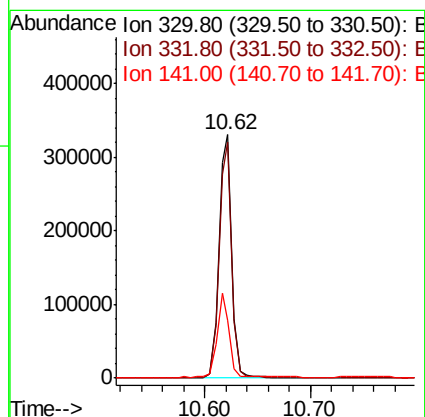
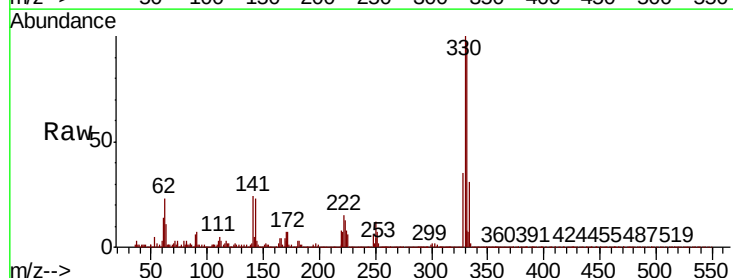
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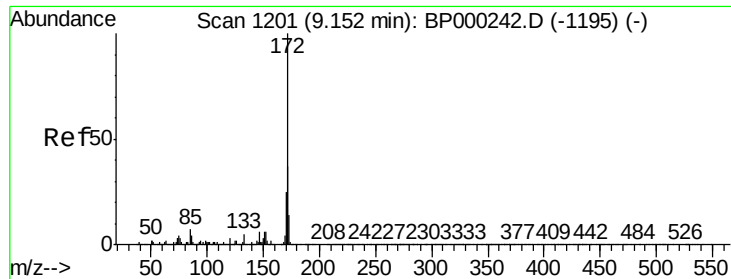
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#42
2,4,6-Tribromophenol
Concen: 42.105 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BP000256.D
Acq: 16 Sep 2019 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	285995		
332	96.0	76.6	115.0	
141	31.7	26.5	39.7	





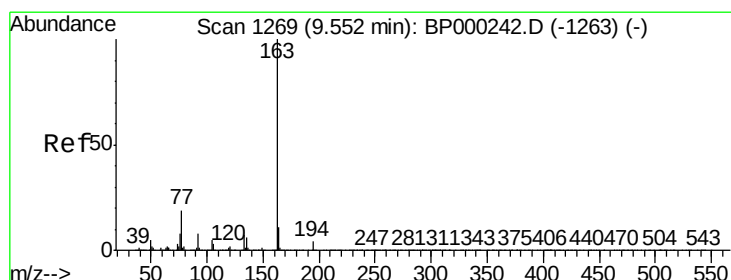
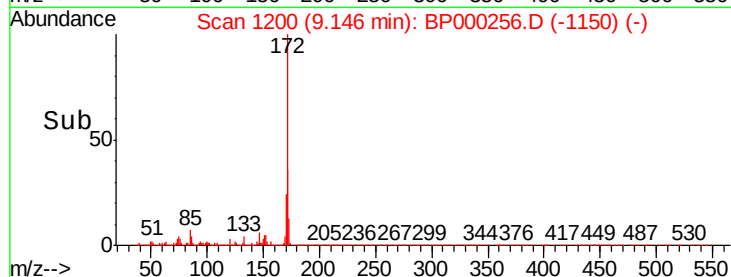
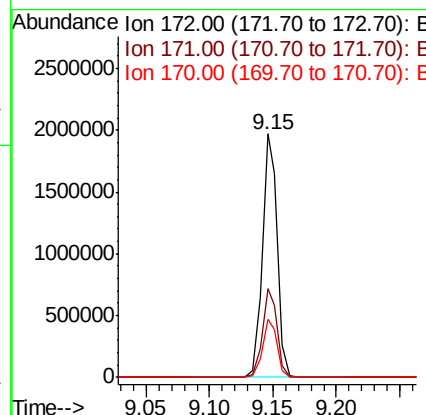
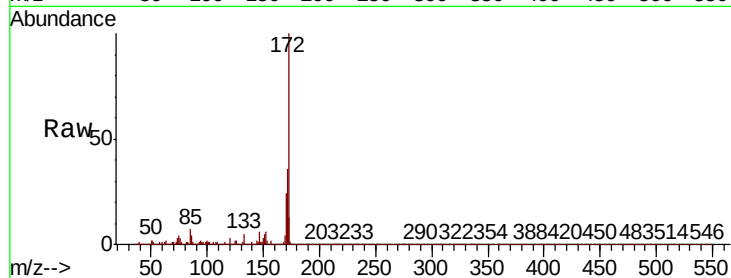
#45
2-Fluorobiphenyl
Concen: 42.761 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BP000256.D
Acq: 16 Sep 2019 23:13

Instrument :
BNA_P
ClientSampled :
COMP-28

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.8	44.6
170	23.7	19.8	29.6

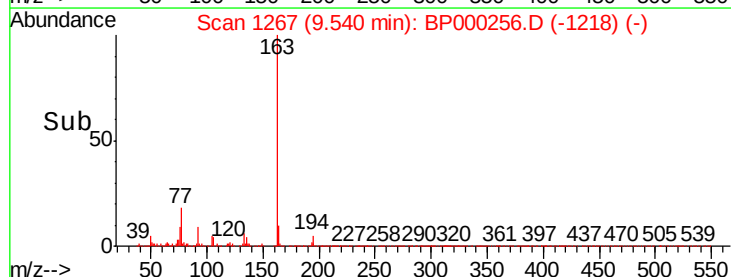
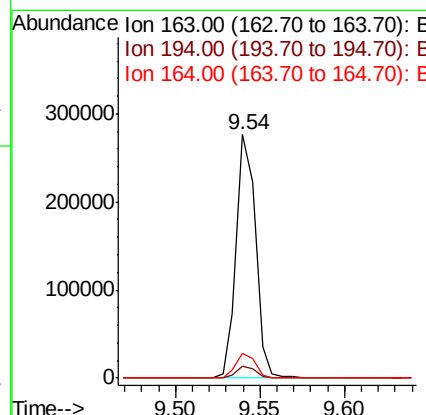
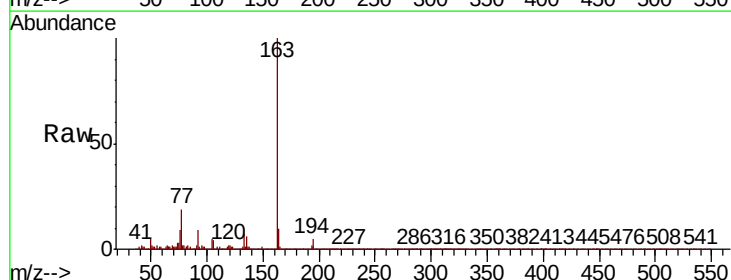
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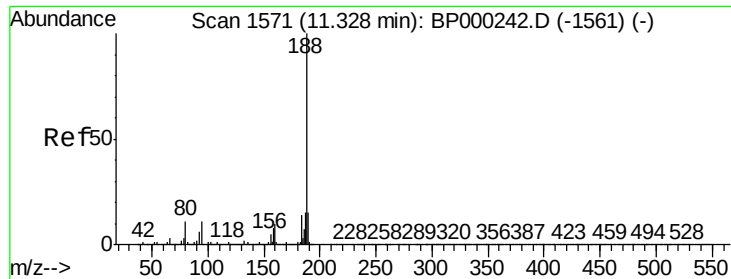
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#50
Dimethylphthalate
Concen: 4.678 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP000256.D
Acq: 16 Sep 2019 23:13

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.0
164	10.0	8.5	12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BP000256.D

Acq: 16 Sep 2019 23:13

Instrument :

BNA_P

ClientSampled :

COMP-28

Tot Ion:188 Resp: 1195086

Ion Ratio Lower Upper

188 100

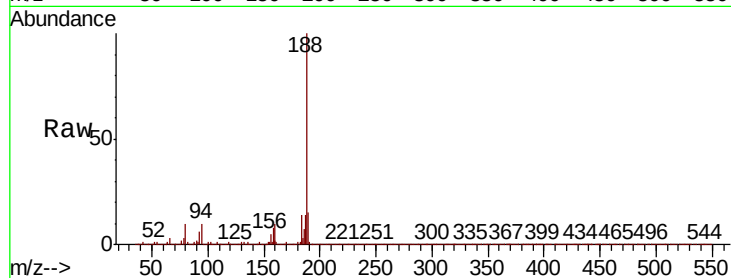
94 10.0 8.5 12.7

80 10.2 8.6 13.0

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

2000000 Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

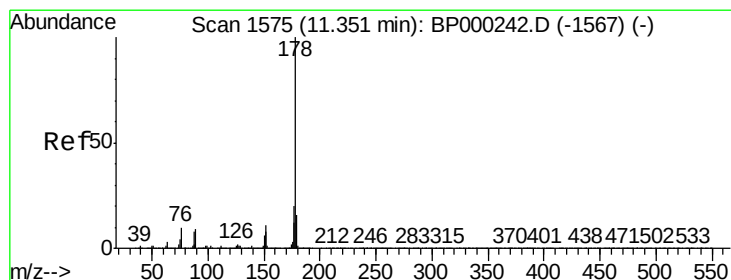
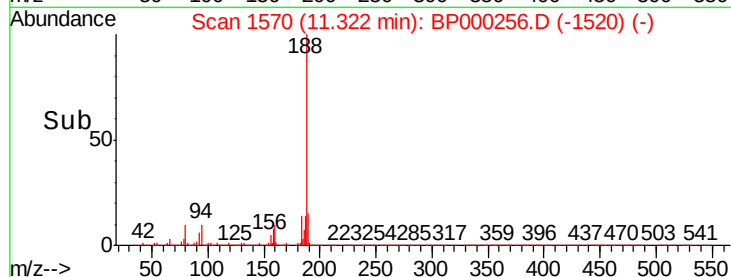
1500000

1000000

500000

0

Time--> 11.25 11.30 11.35



#71

Phenanthrene

Concen: 6.397 ng

RT: 11.35 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BP000256.D

Acq: 16 Sep 2019 23:13

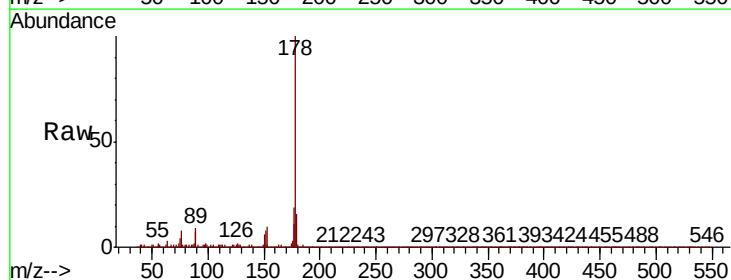
Tgt Ion:178 Resp: 383109

Ion Ratio Lower Upper

178 100

176 18.6 15.8 23.8

179 15.9 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

600000 Ion 176.00 (175.70 to 176.70): E

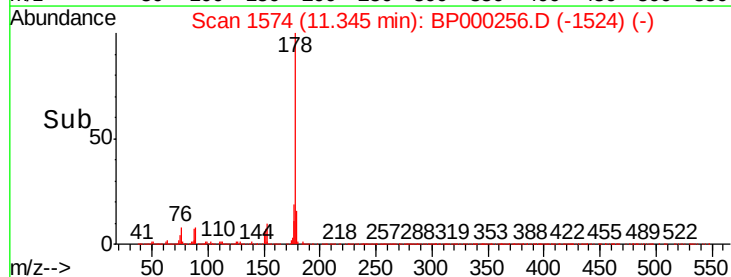
Ion 179.00 (178.70 to 179.70): E

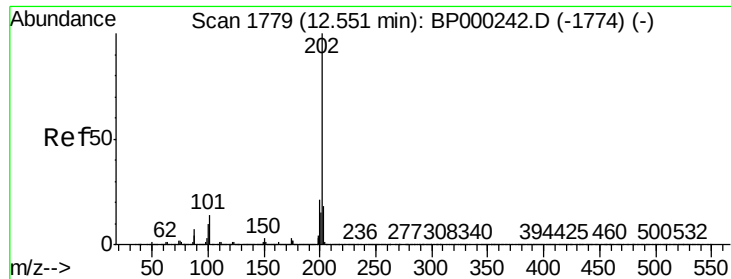
400000

200000

0

Time--> 11.30 11.35





#75

Fluoranthene

Concen: 13.457 ng

RT: 12.55 min Scan# 1778

Delta R.T. -0.01 min

Lab File: BP000256.D

Acq: 16 Sep 2019 23:13

Instrument :

BNA_P

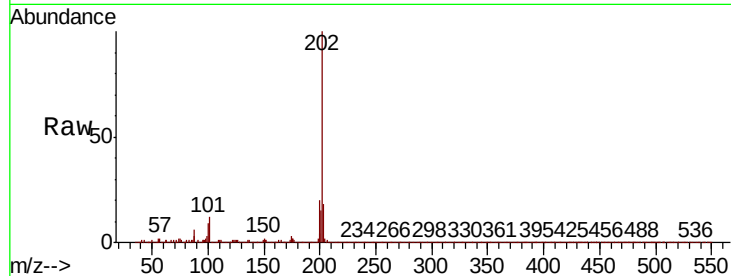
ClientSampled :

COMP-28

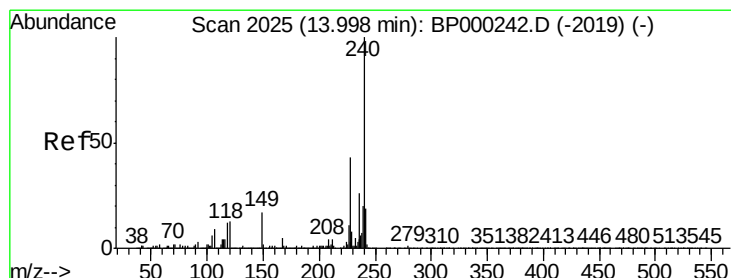
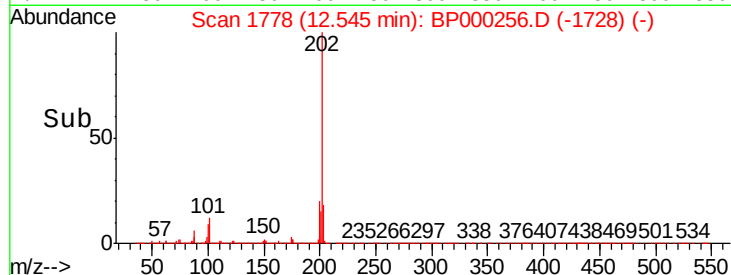
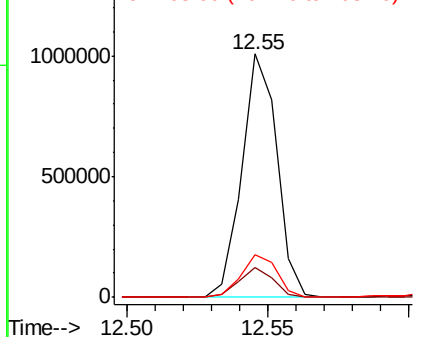
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		865400		
101	12.3	0.0	33.9		
203	17.7	0.0	38.0		

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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

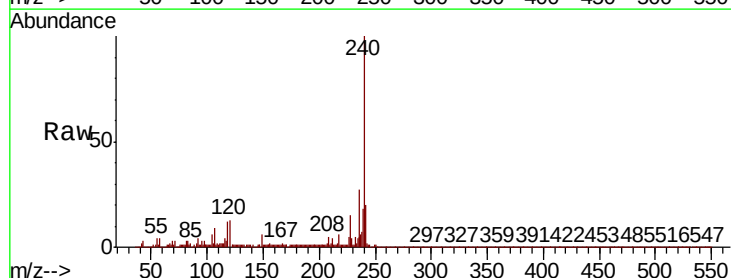
RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

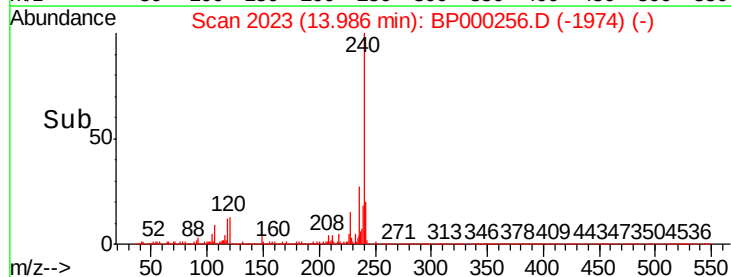
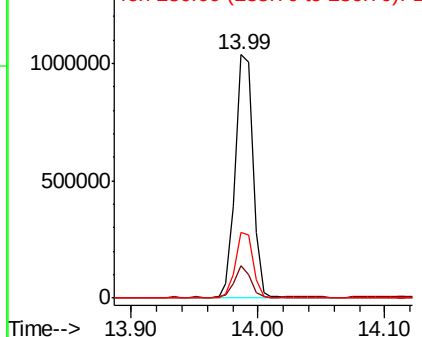
Lab File: BP000256.D

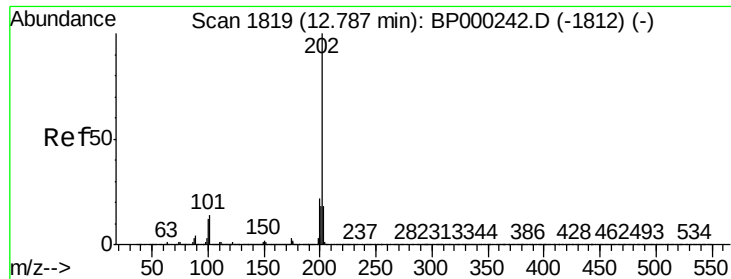
Acq: 16 Sep 2019 23:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		989956		
120	13.1	10.4	15.6		
236	26.8	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





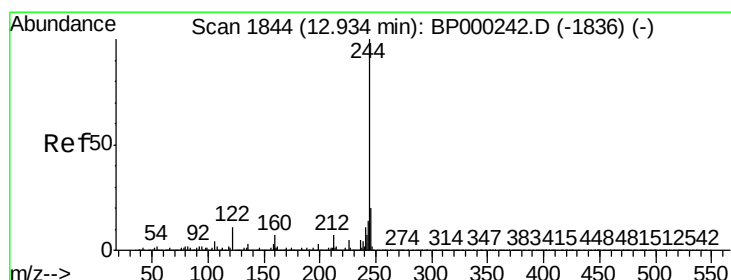
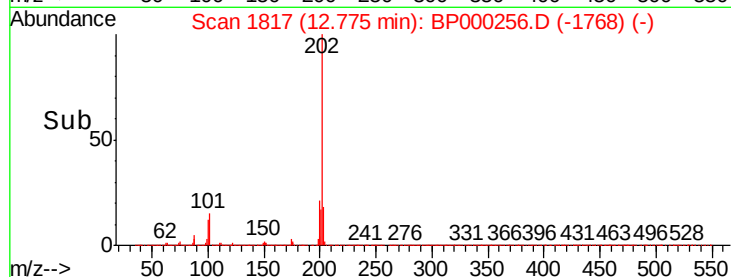
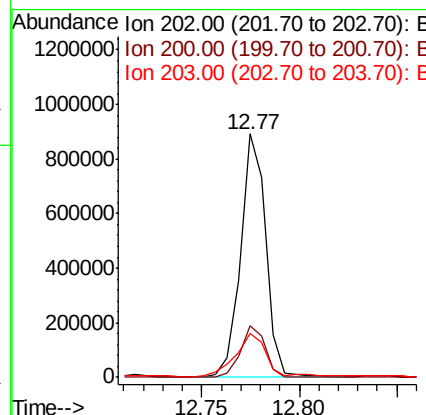
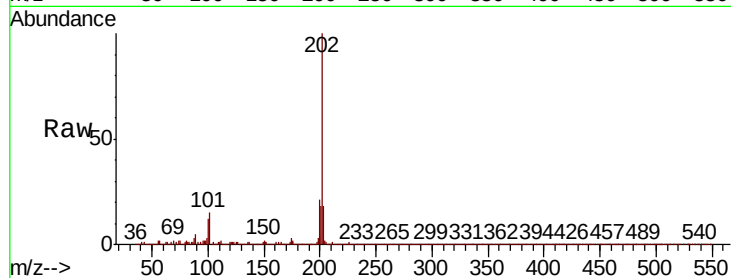
#78
Pvrene
Concen: 10.643 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BP000256.D
Acq: 16 Sep 2019 23:13

Instrument :
BNA_P
ClientSampleId :
COMP-28

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.0	17.5	26.3
203	18.1	14.3	21.5

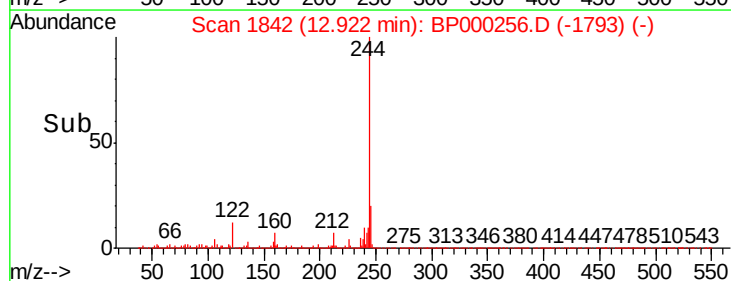
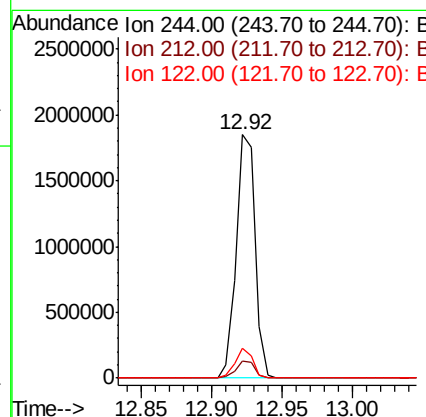
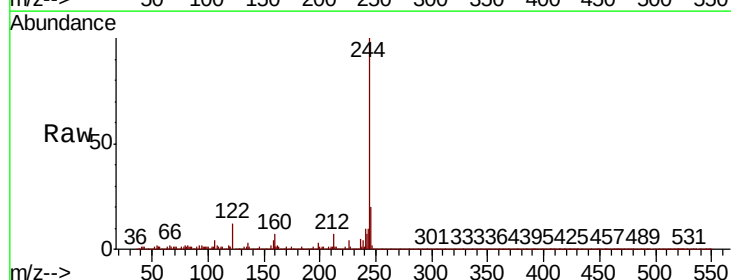
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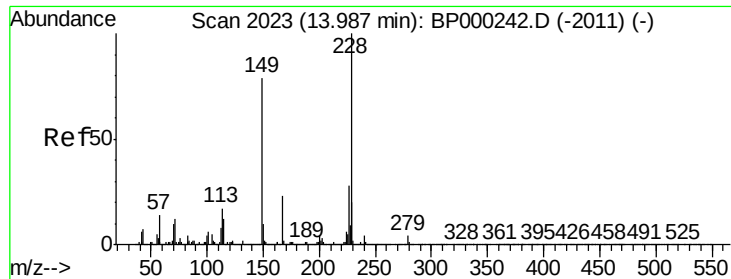
mohammad
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#79
Terphenyl-d14
Concen: 36.559 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BP000256.D
Acq: 16 Sep 2019 23:13

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.1	5.9	8.9
122	12.2	9.0	13.4





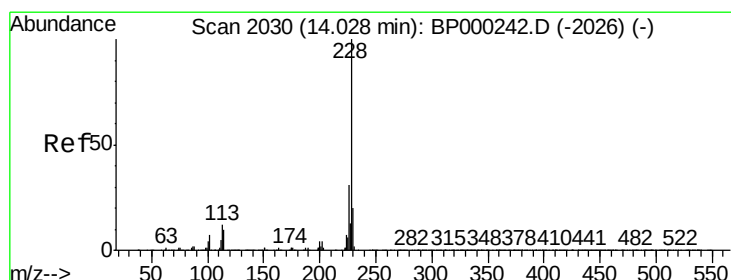
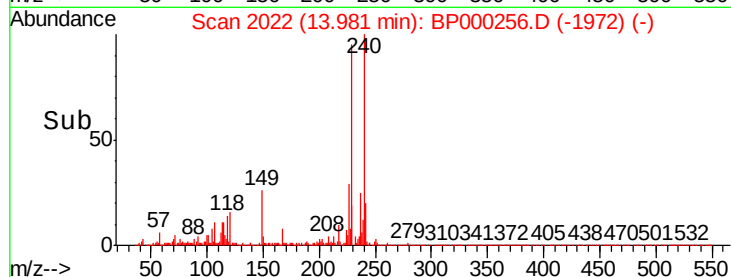
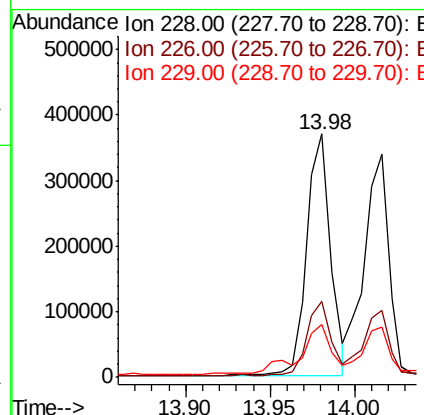
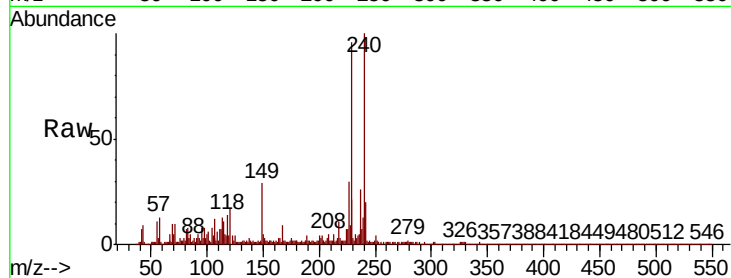
#81
Benzo(a)anthracene
Concen: 5.815 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BP000256.D
Acq: 16 Sep 2019 23:13

Instrument :
BNA_P
ClientSampled :
COMP-28

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	22.2	33.4
229	21.7	16.0	24.0

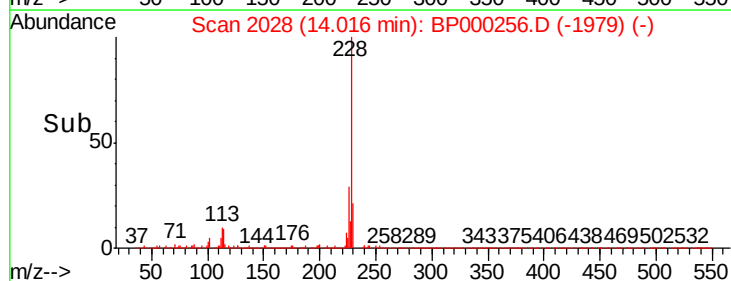
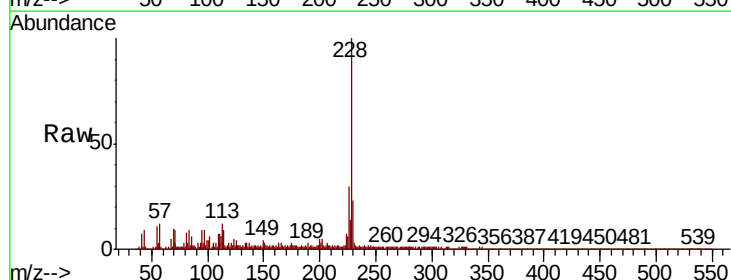
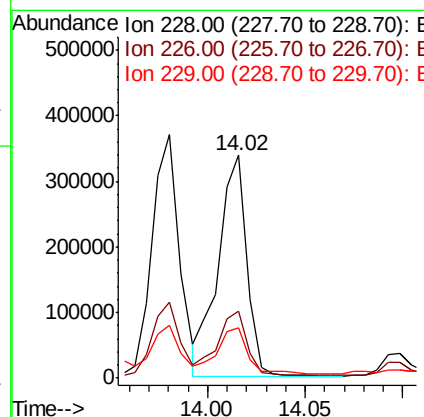
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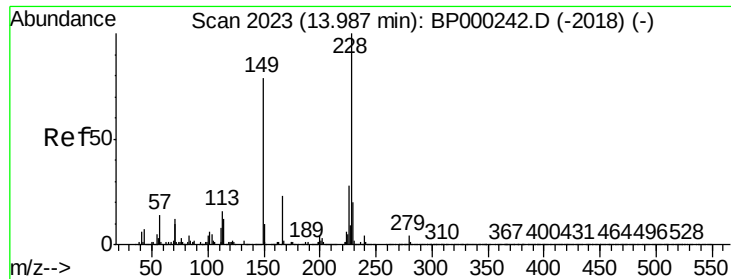
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#83
Chrysene
Concen: 5.628 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BP000256.D
Acq: 16 Sep 2019 23:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.9	37.3
229	22.5	16.2	24.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.104 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BP000256.D

Acq: 16 Sep 2019 23:13

Instrument :

BNA_P

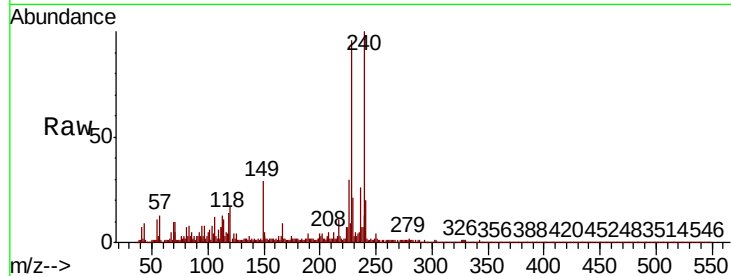
ClientSampled :

COMP-28

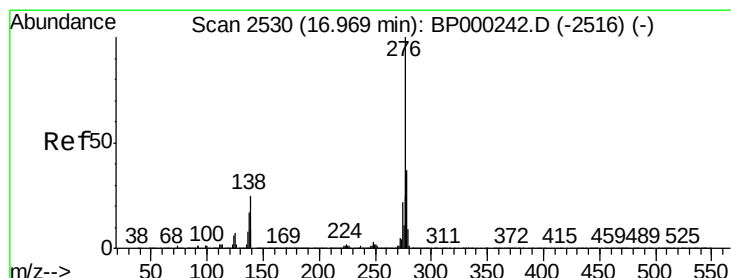
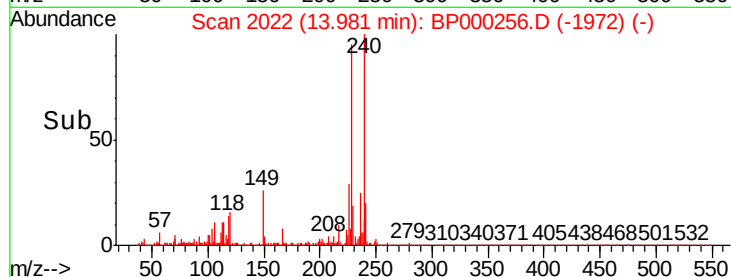
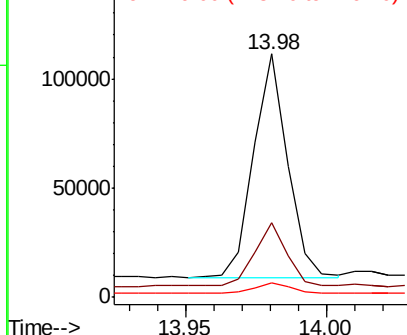
Tot Ion:	149	Resp:	85967
Ion Ratio	Lower	Upper	
149	100		
167	30.6	23.0	34.4
279	5.9	3.7	5.5#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#86

Indeno(1,2,3-cd)pyrene

Concen: 2.010 ng

RT: 16.95 min Scan# 2527

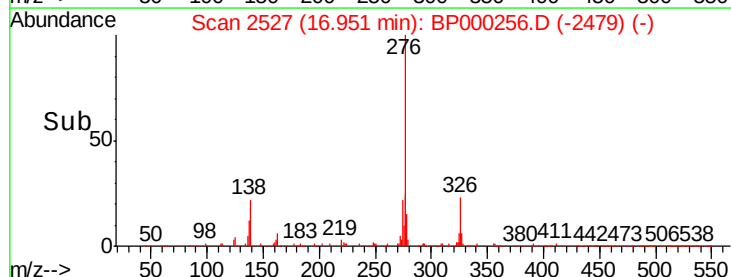
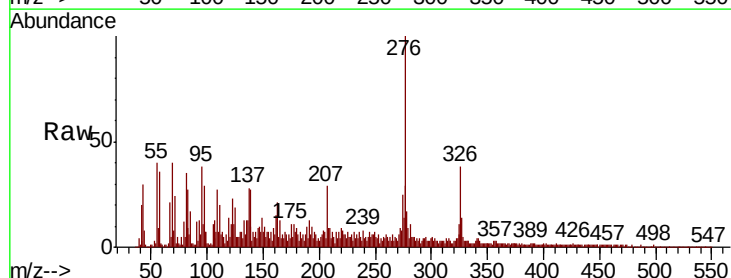
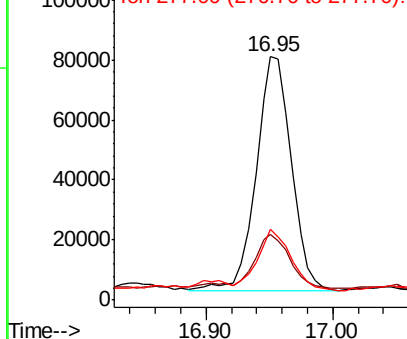
Delta R.T. -0.02 min

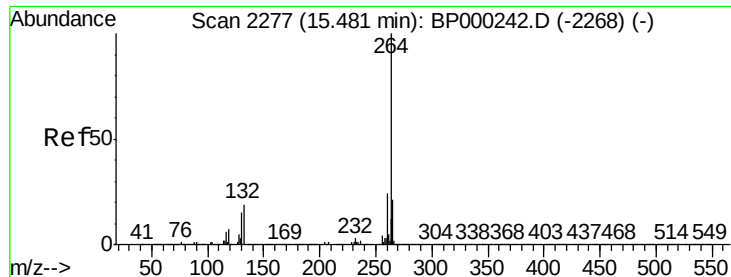
Lab File: BP000256.D

Acq: 16 Sep 2019 23:13

Tgt Ion:	276	Resp:	150408
Ion Ratio	Lower	Upper	
276	100		
138	23.3	22.6	33.8
277	25.9	20.4	30.6

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





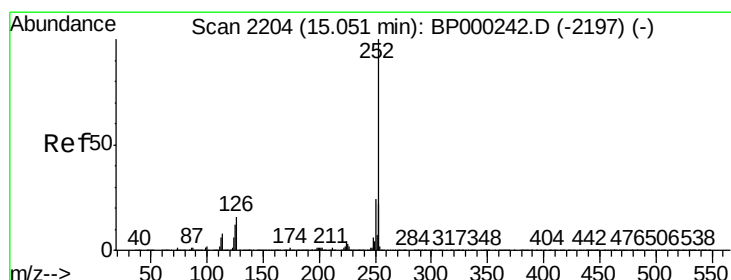
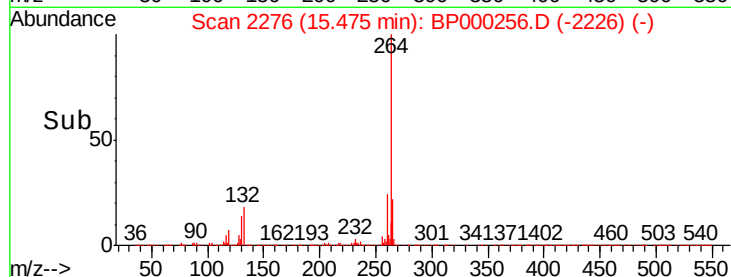
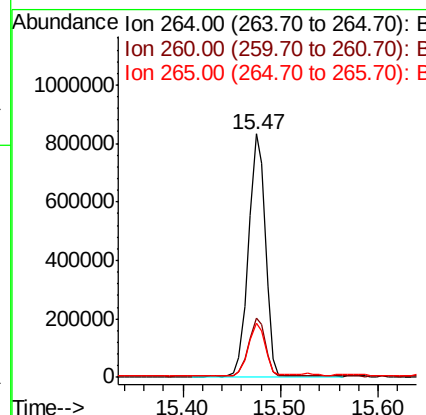
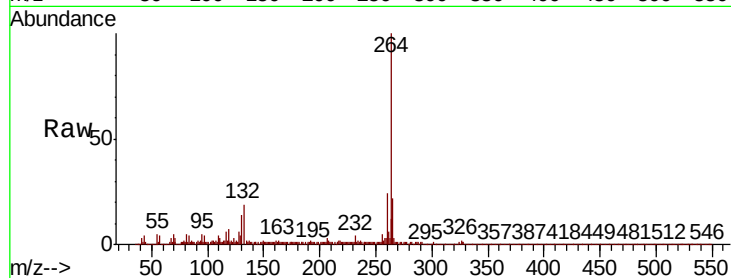
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BP000256.D
Acq: 16 Sep 2019 23:13

Instrument :
BNA_P
ClientSampled :
COMP-28

Tot Ion:	264	Resp:	995170
Ion Ratio		Lower	Upper
264	100		
260	24.1	18.9	28.3
265	22.4	17.2	25.8

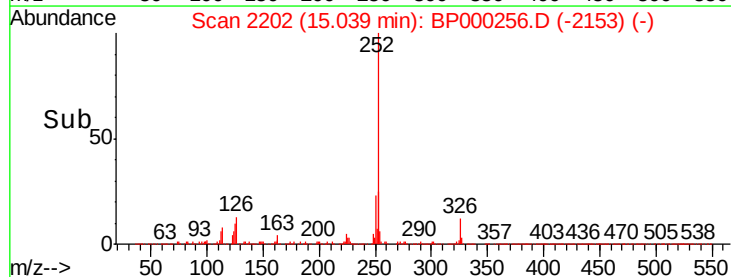
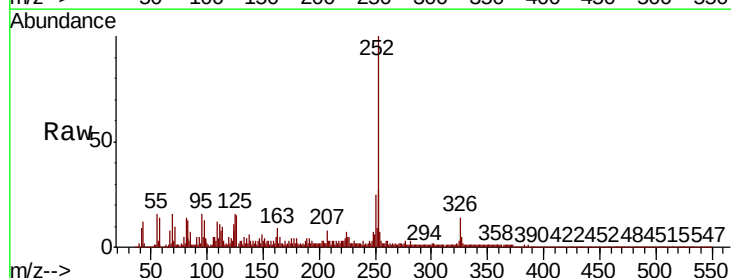
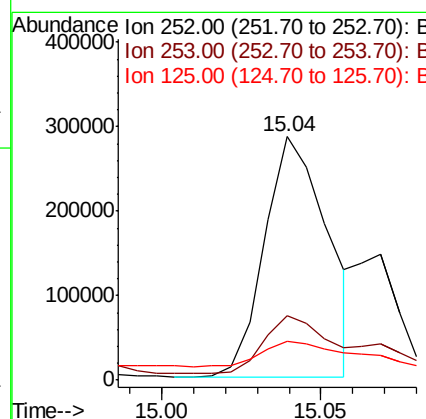
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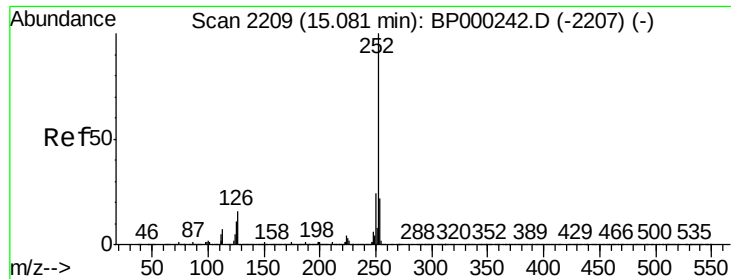
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#88
Benzo(b)fluoranthene
Concen: 6.552 ng m
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BP000256.D
Acq: 16 Sep 2019 23:13

Tgt Ion:	252	Resp:	388989
Ion Ratio		Lower	Upper
252	100		
253	26.5	17.8	26.6
125	15.9	9.5	14.3#





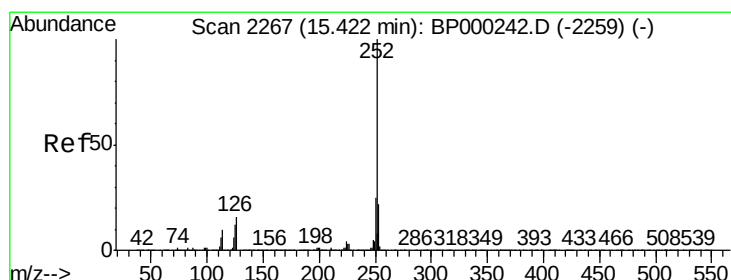
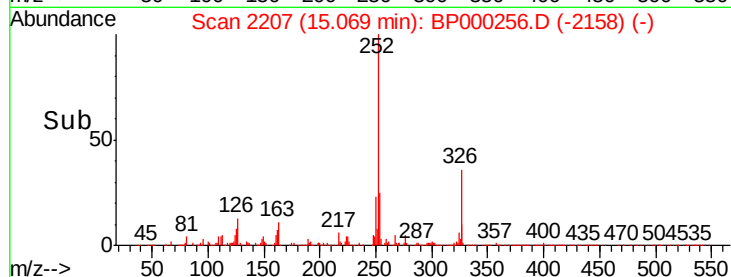
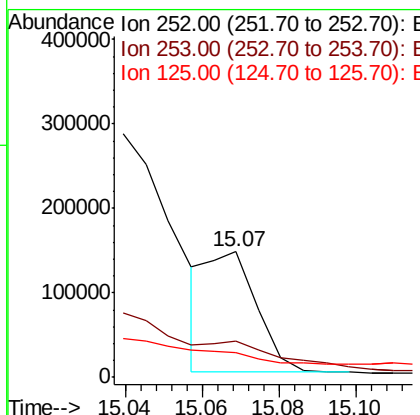
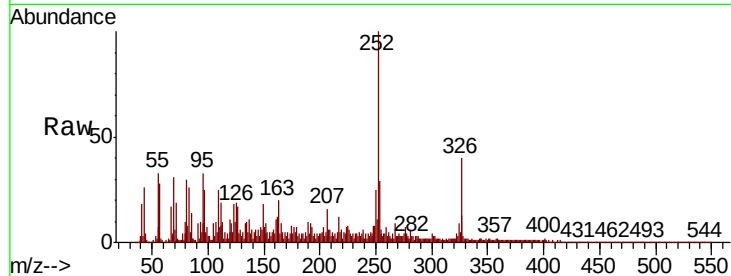
#89
Benzo(k)fluoranthene
Concen: 2.518 ng m
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BP000256.D
Acq: 16 Sep 2019 23:13

Instrument :
BNA_P
ClientSampleId :
COMP-28

Tot Ion	Ratio	Resp	Lower	Upper
252	100	130397		
253	29.4	17.8	26.8#	
125	19.3	9.6	14.4#	

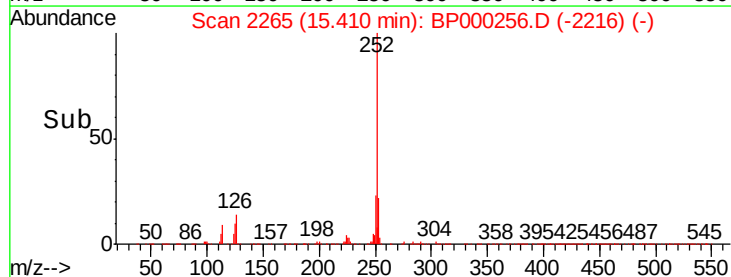
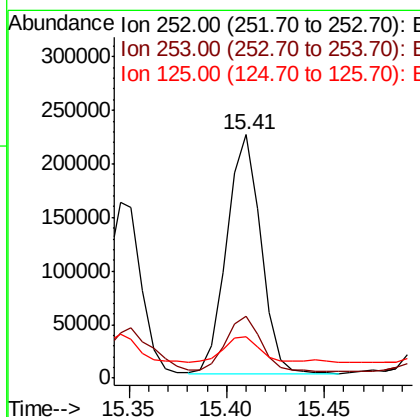
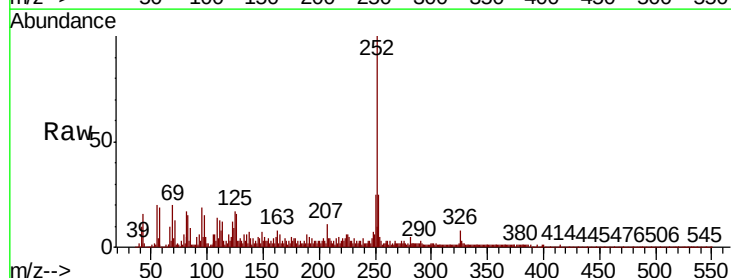
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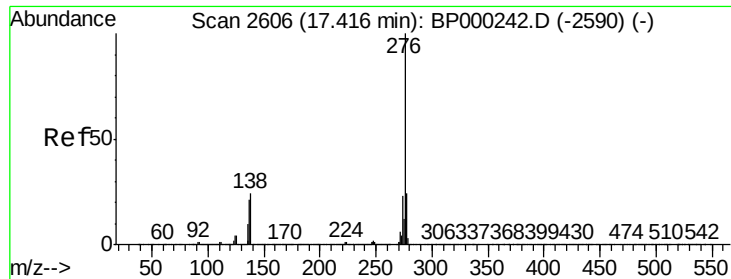
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#90
Benzo(a)pyrene
Concen: 4.986 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BP000256.D
Acq: 16 Sep 2019 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	269355		
253	25.1	17.7	26.5	
125	16.8	10.0	15.0#	





#92
 Benzo(a,h,i)perylene
 Concen: 2.793 ng
 RT: 17.40 min Scan# 2603
 Delta R.T. -0.02 min
 Lab File: BP000256.D
 Acq: 16 Sep 2019 23:13

Instrument :
 BNA_P
 ClientSampleId :
 COMP-28

Tot Ion:	276	Resp:	144574
Ion Ratio		Lower	Upper
276	100		
277	27.7	19.1	28.7
138	27.4	19.5	29.3

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