

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082820\
 Data File : BP003156.D
 Acq On : 28 Aug 2020 18:15
 Operator : CG/JU
 Sample : L3837-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 789UMR-TP11-0006-01

Manual Integrations
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mohammad
 8/31/2020 11:14:13 AM

Quant Time: Aug 28 19:00:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 15:32:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	205111	20.00	ng	-0.01
21) Naphthalene-d8	10.44	136	830851	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	528849	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	1173074	20.00	ng	-0.01
76) Chrysene-d12	21.14	240	1361091	20.00	ng	-0.01
86) Perylene-d12	23.38	264	1506380	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	916461	79.00	ng	0.00
7) Phenol-d6	6.85	99	1103756	75.90	ng	0.00
23) Nitrobenzene-d5	8.80	82	644963	55.96	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	575365	80.44	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	1906176	52.78	ng	0.00
79) Terphenyl-d14	19.63	244	2958276	47.83	ng	-0.01
Target Compounds						
50) Dimethylphthalate	13.76	163	106470	2.640	ng	99
71) Phenanthrene	17.09	178	191050	3.006	ng	99
75) Fluoranthene	19.07	202	475041	6.466	ng	99
78) Pyrene	19.42	202	406053	4.597	ng	99
81) Benzo(a)anthracene	21.13	228	238797	2.801	ng	100
83) Chrysene	21.18	228	273707	3.353	ng	98
88) Benzo(b)fluoranthene	22.71	252	434972m	4.646	ng	
90) Benzo(a)pyrene	23.28	252	275845	3.176	ng	99
92) Benzo(g,h,i)perylene	26.34	276	189866	2.050	ng	98

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

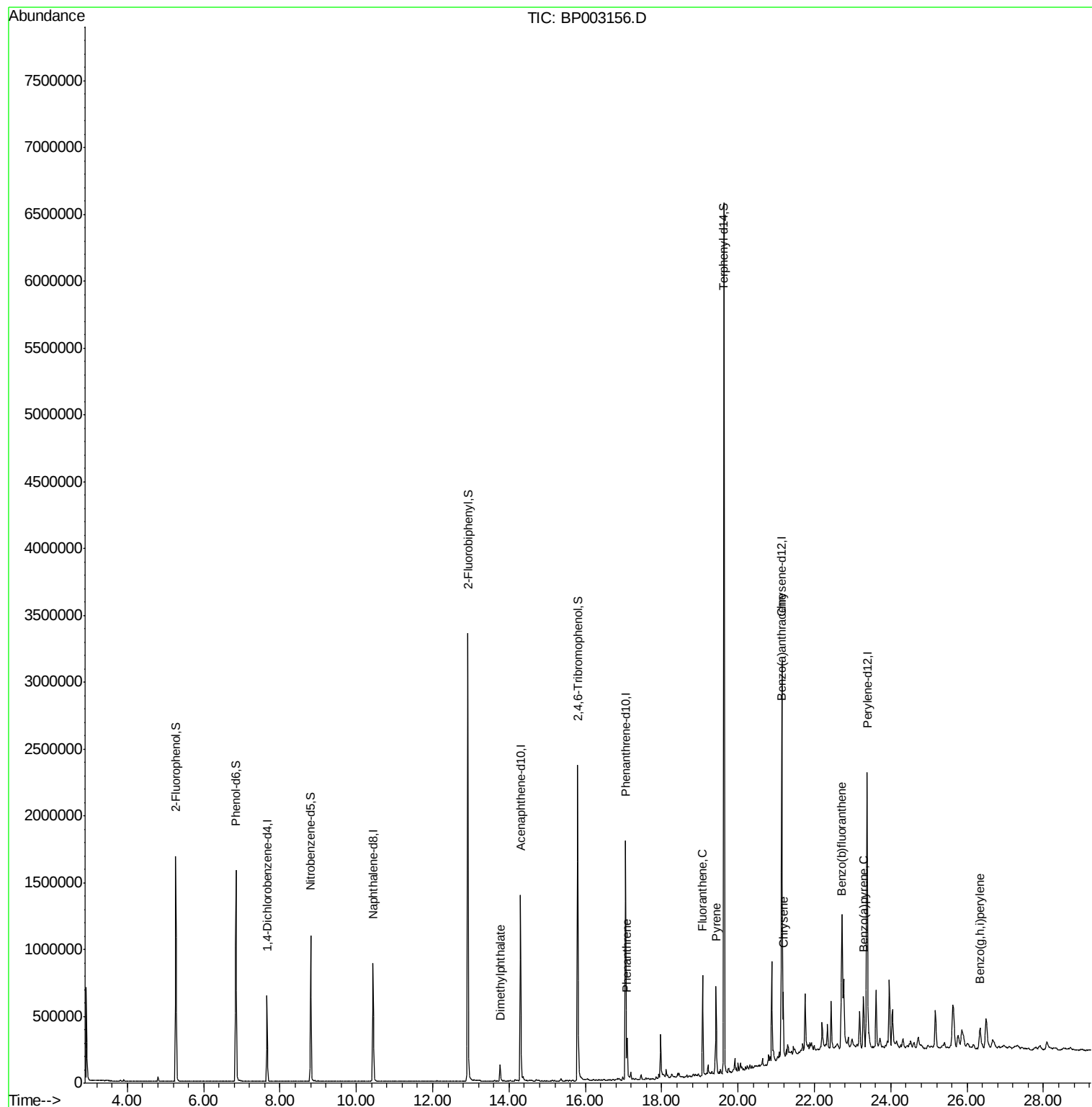
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082820\
Data File : BP003156.D
Acq On : 28 Aug 2020 18:15
Operator : CG/JU
Sample : L3837-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

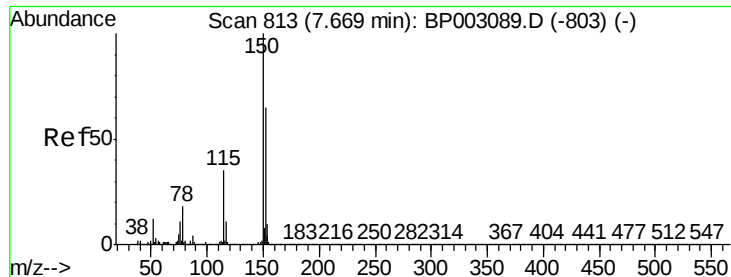
Instrument :
BNA_P
ClientSampleId :
789UMR-TP11-0006-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

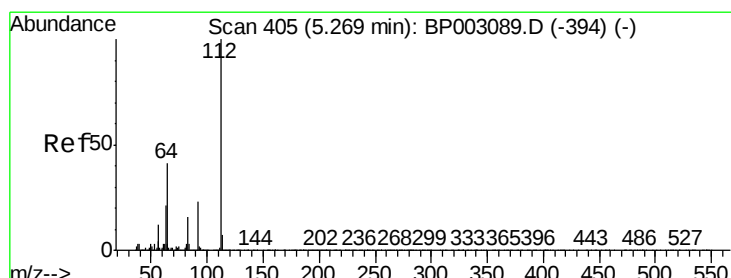
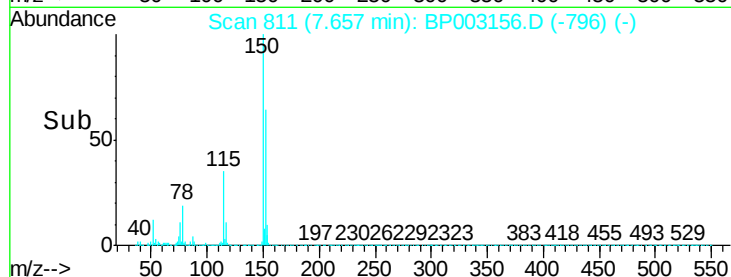
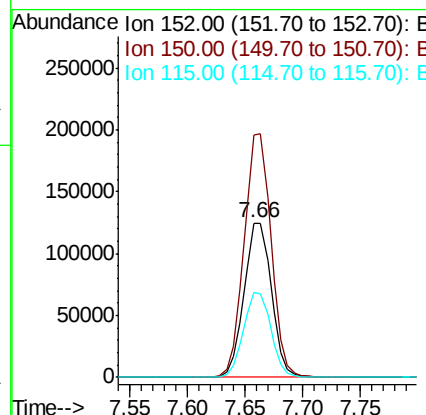
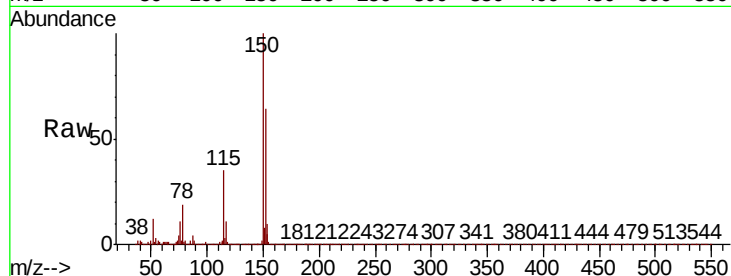
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 811
Delta R.T. -0.01 min
Lab File: BP003156.D
Acq: 28 Aug 2020 18:15

Instrument :
BNA_P
ClientSampleId :
789UMR-TP11-0006-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	123.1	184.7
115	55.1	42.8	64.2

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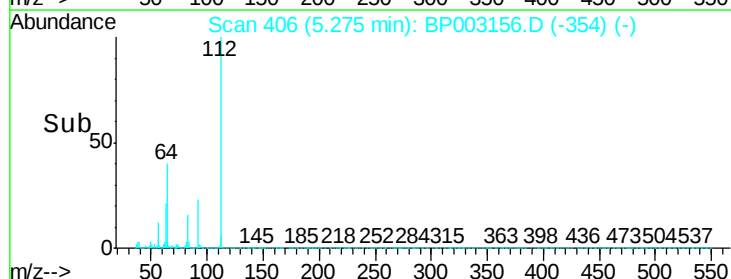
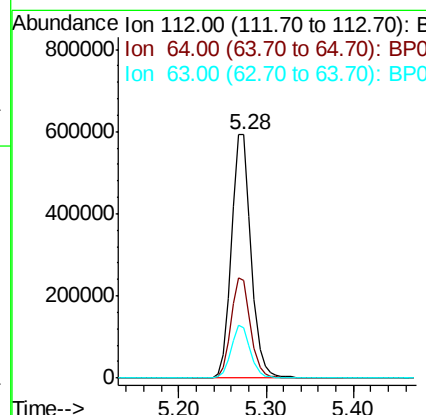
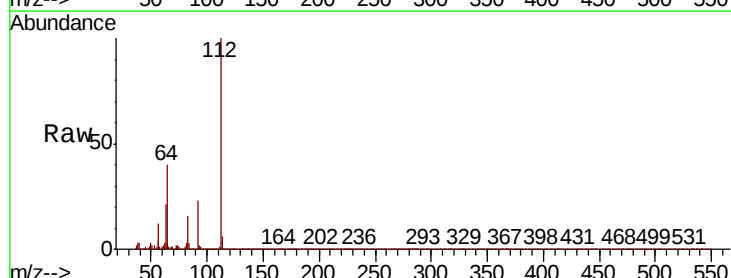
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#5

2-Fluorophenol
Concen: 78.998 ng
RT: 5.28 min Scan# 406
Delta R.T. 0.01 min
Lab File: BP003156.D
Acq: 28 Aug 2020 18:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	39.9	33.0	49.6
63	20.9	16.9	25.3





#7

Phenol-d6

Concen: 75.897 ng

RT: 6.85 min Scan# 673

Delta R.T. -0.00 min

Lab File: BP003156.D

Acq: 28 Aug 2020 18:15

Instrument :

BNA_P

ClientSampleId :

789UMR-TP11-0006-01

Tot Ion: 99 Resp: 1103756

Ion Ratio Lower Upper

99 100

42 10.5 8.5 12.7

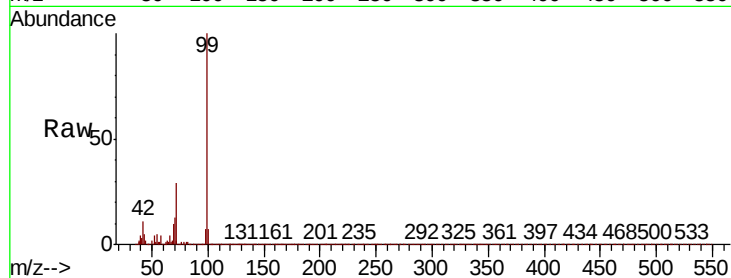
71 29.2 22.8 34.2

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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

6.85

800000

600000

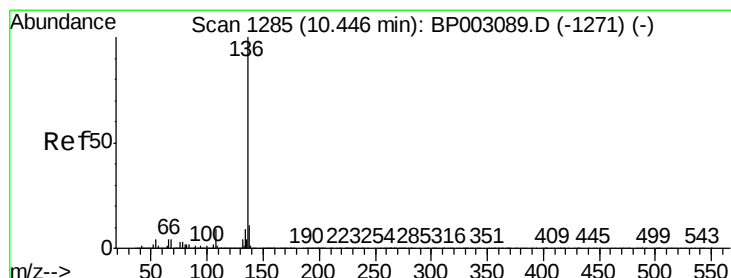
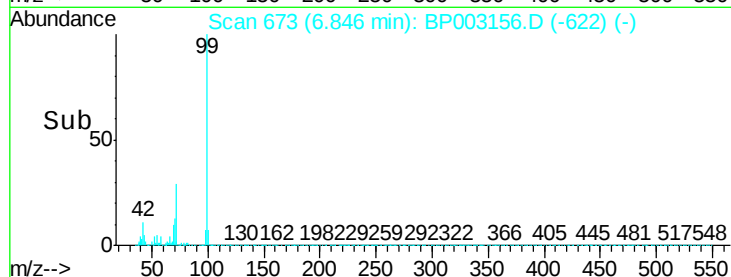
400000

200000

0

6.70 6.80 6.90 7.00

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.44 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BP003156.D

Acq: 28 Aug 2020 18:15

Tgt Ion: 136 Resp: 830851

Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 4.7 3.5 5.3

68 4.1 3.2 4.8

Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

10.44

600000

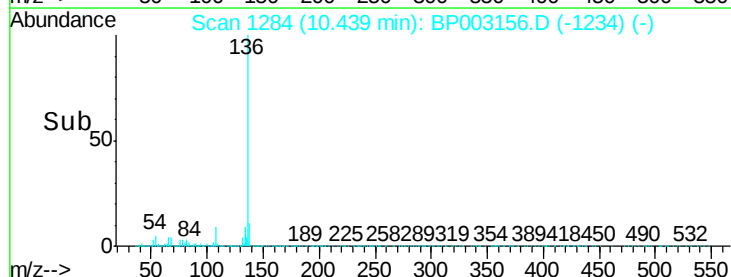
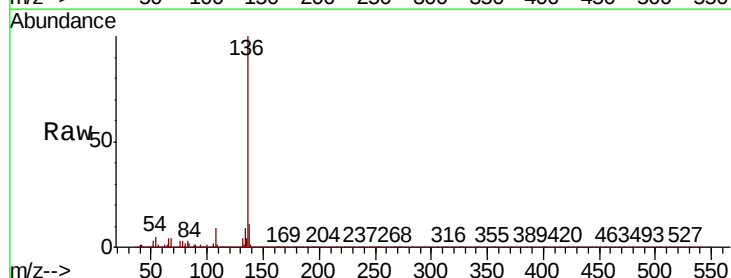
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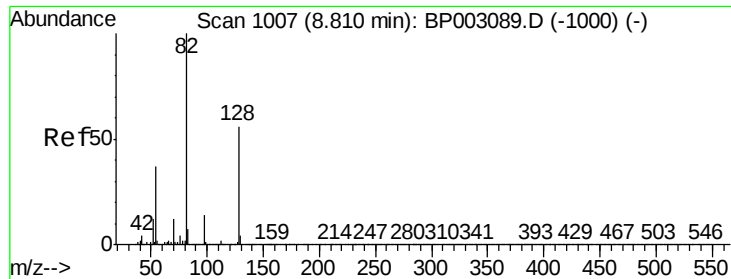
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0

10.30 10.40 10.50 10.60

Time-->





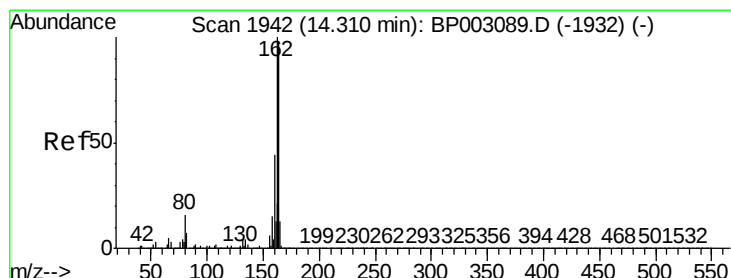
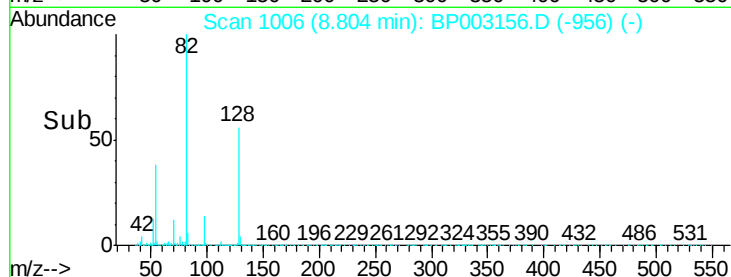
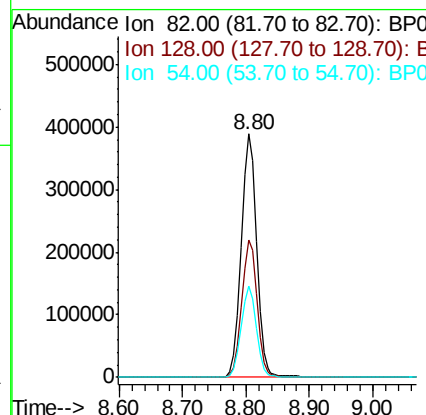
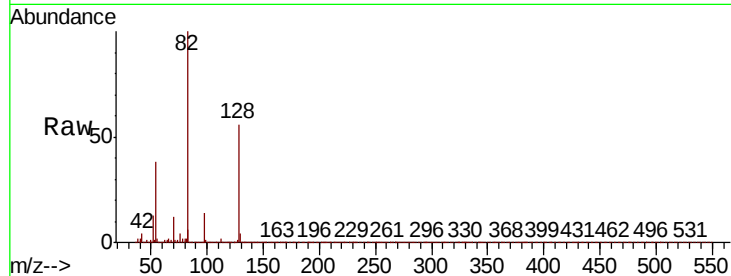
#23
 Nitrobenzene-d5
 Concen: 55.962 ng
 RT: 8.80 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BP003156.D
 Acq: 28 Aug 2020 18:15

Instrument :
 BNA_P
 ClientSampleId :
 789UMR-TP11-0006-01

Tot Ion	Ratio	Lower	Upper
82	100		
128	56.4	44.9	67.3
54	37.6	29.4	44.2

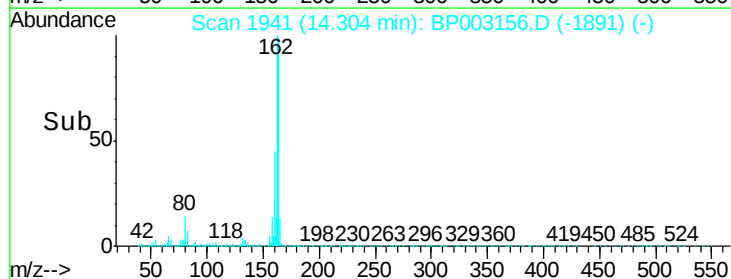
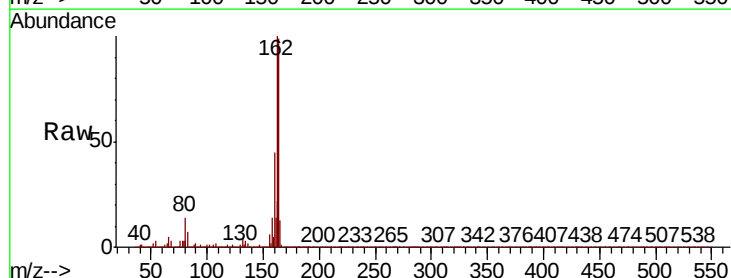
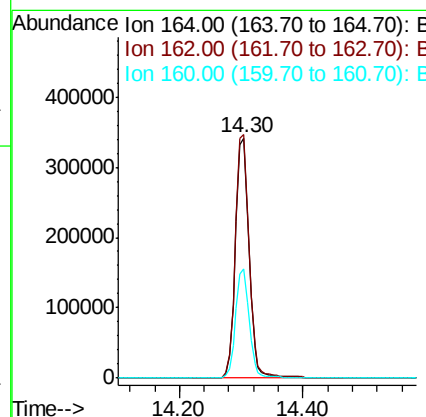
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.30 min Scan# 1941
 Delta R.T. -0.01 min
 Lab File: BP003156.D
 Acq: 28 Aug 2020 18:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.2	121.8
160	45.7	36.0	54.0





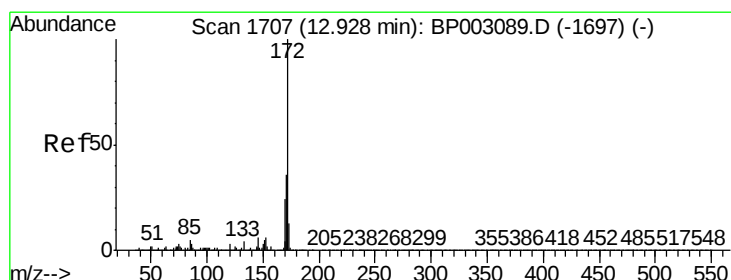
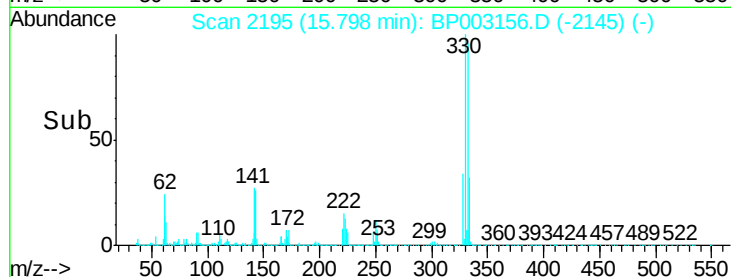
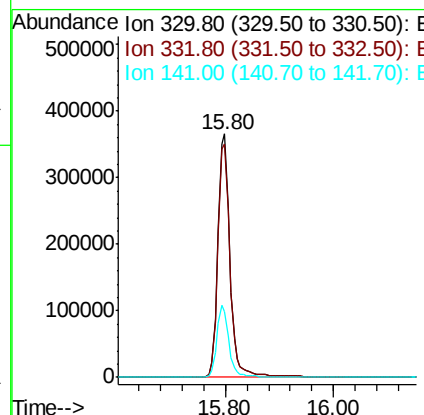
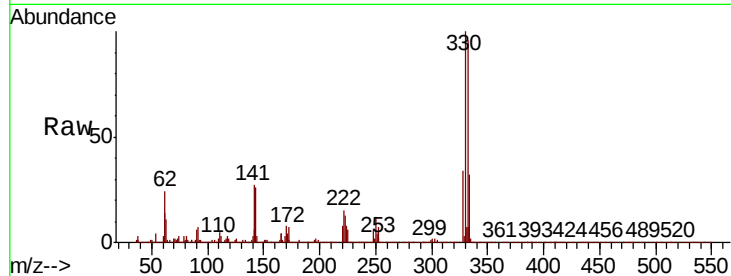
#42
 2,4,6-Tribromophenol
 Concen: 80.442 ng
 RT: 15.80 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: BP003156.D
 Acq: 28 Aug 2020 18:15

Instrument :
 BNA_P
 ClientSampleId :
 789UMR-TP11-0006-01

Tot Ion	Ratio	Resp	Lower	Upper
330	100	575365		
332	96.9	77.3	115.9	
141	29.5	24.4	36.6	

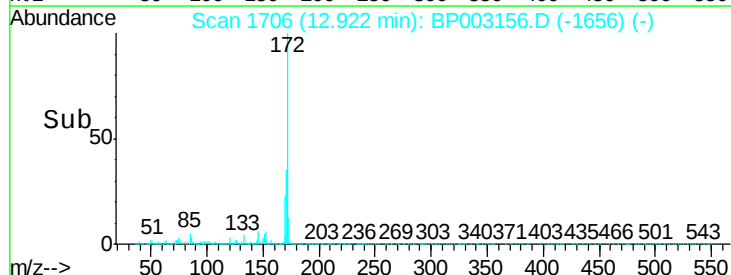
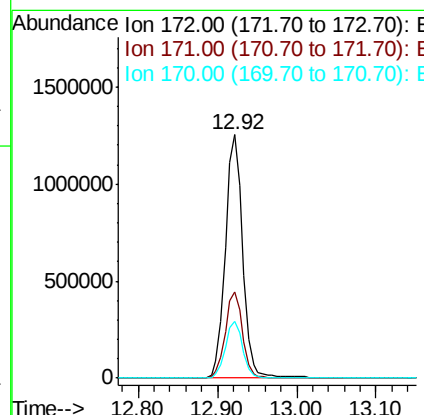
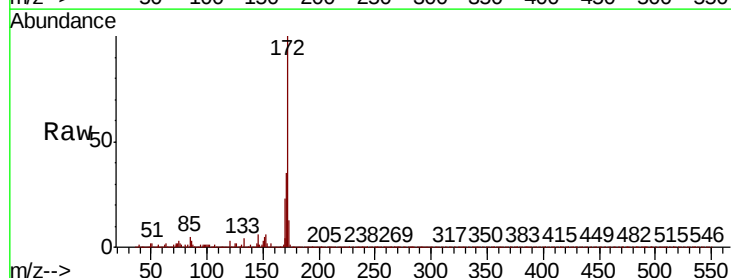
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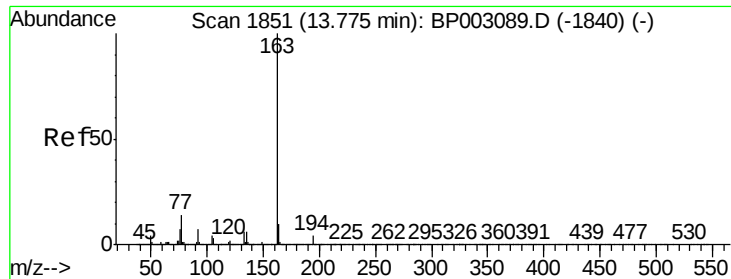
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#45
 2-Fluorobiphenyl
 Concen: 52.784 ng
 RT: 12.92 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BP003156.D
 Acq: 28 Aug 2020 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1906176		
171	35.2	28.7	43.1	
170	23.5	19.0	28.4	





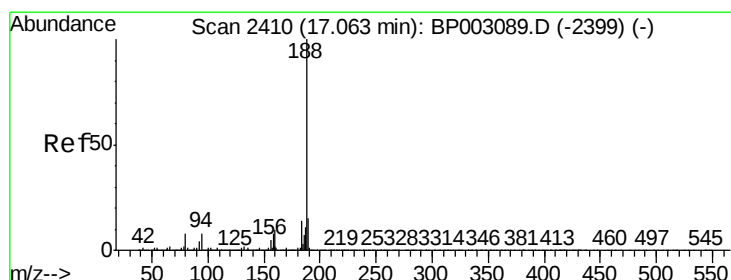
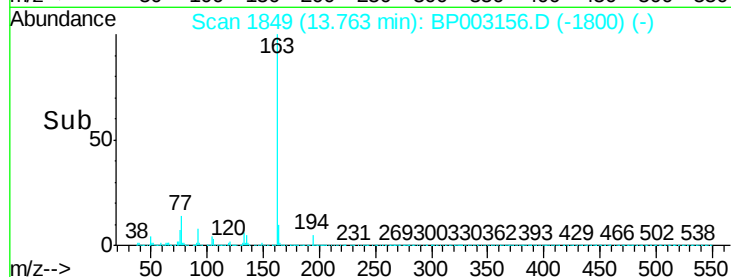
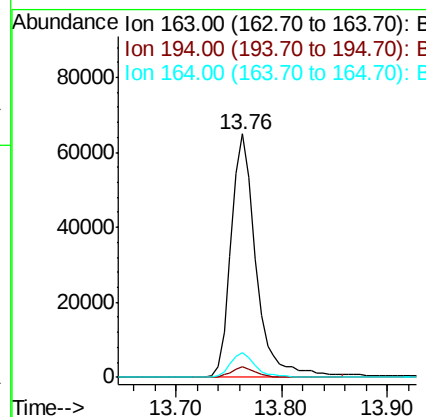
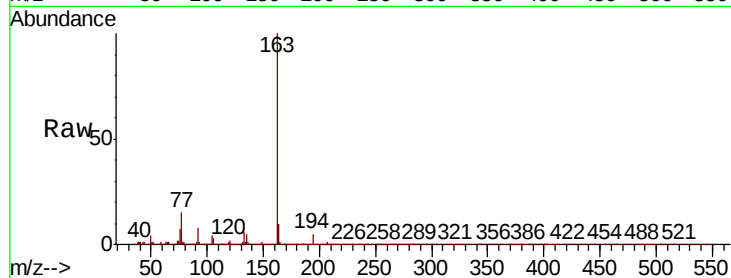
#50
Dimethylphthalate
Concen: 2.640 ng
RT: 13.76 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BP003156.D
Acq: 28 Aug 2020 18:15

Instrument :
BNA_P
ClientSampleId :
789UMR-TP11-0006-01

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.0
164	10.2	8.1	12.1

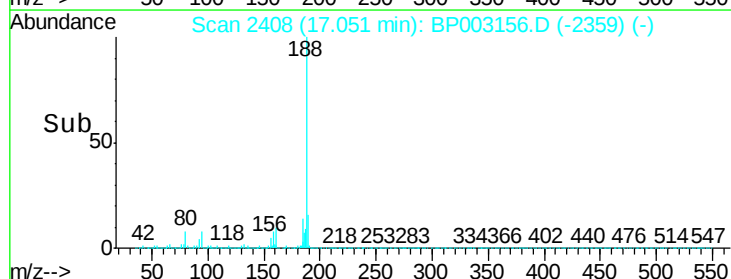
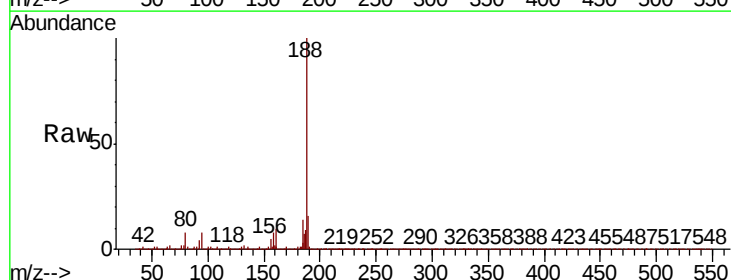
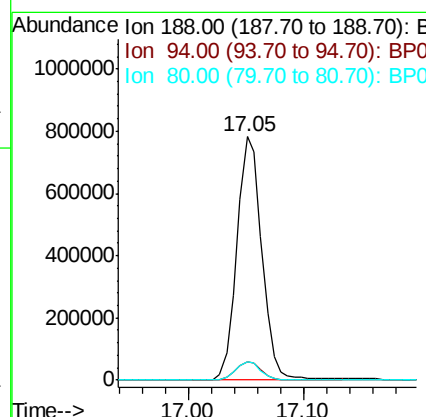
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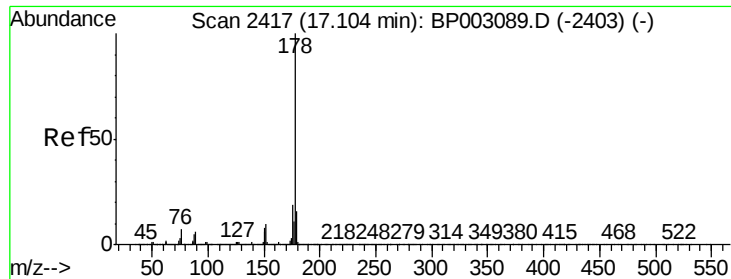
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BP003156.D
Acq: 28 Aug 2020 18:15

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.2	9.4
80	7.7	6.4	9.6





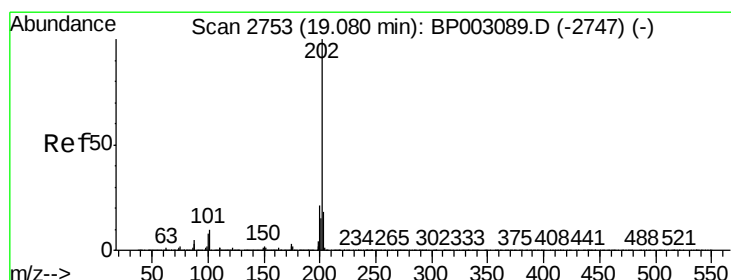
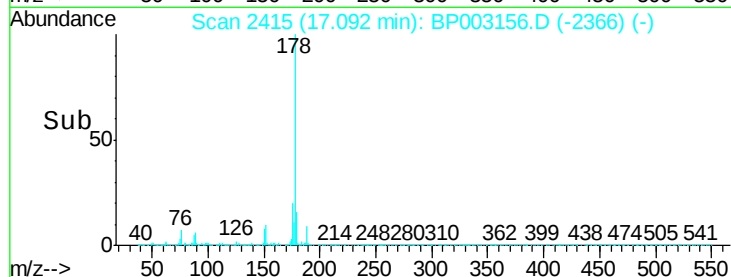
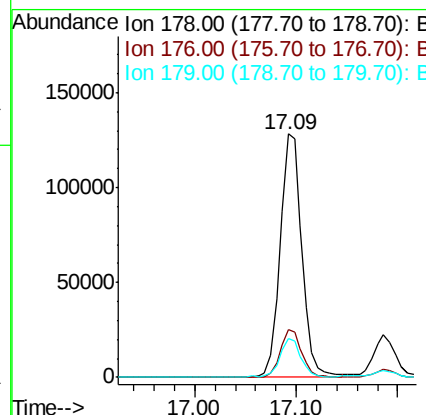
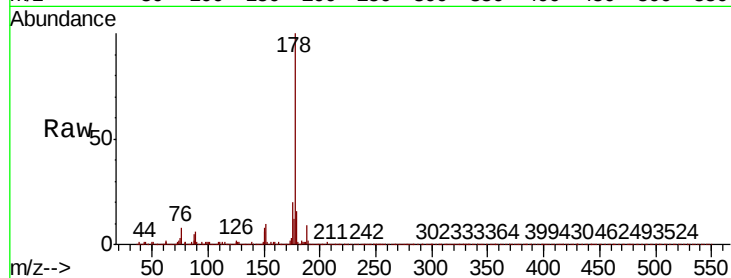
#71
Phenanthrene
Concen: 3.006 ng
RT: 17.09 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BP003156.D
Acq: 28 Aug 2020 18:15

Instrument :
BNA_P
ClientSampleId :
789UMR-TP11-0006-01

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.7	12.4	18.6

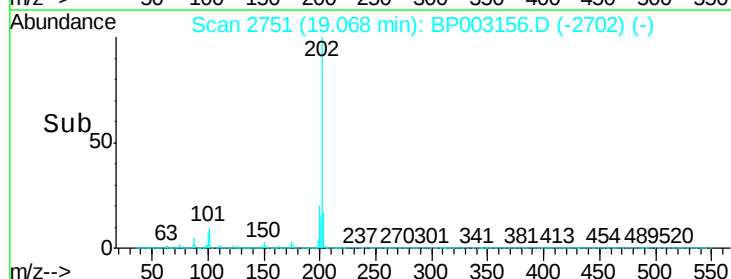
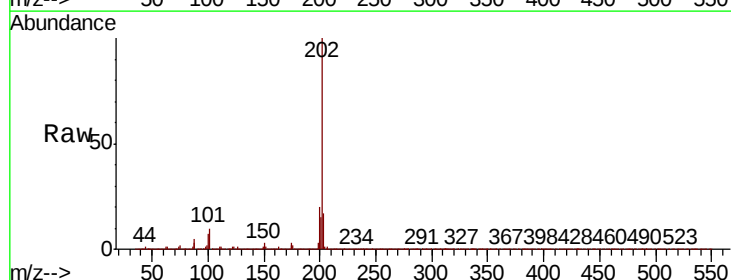
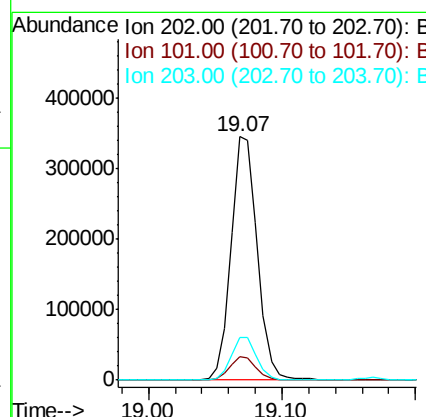
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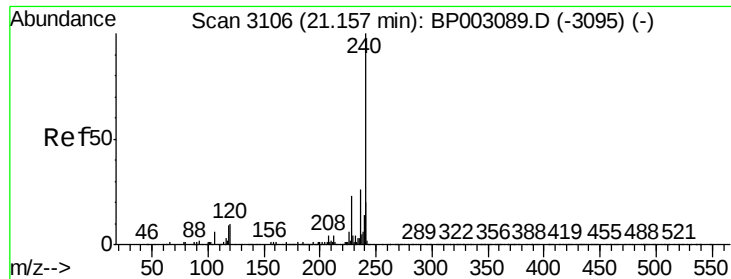
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#75
Fluoranthene
Concen: 6.466 ng
RT: 19.07 min Scan# 2751
Delta R.T. -0.01 min
Lab File: BP003156.D
Acq: 28 Aug 2020 18:15

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	30.0
203	17.4	0.0	37.7





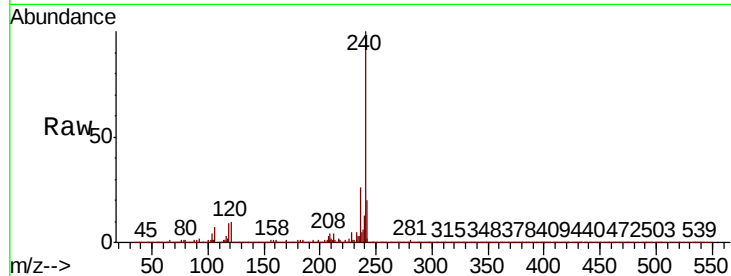
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BP003156.D
Acq: 28 Aug 2020 18:15

Instrument :
BNA_P
ClientSampleId :
789UMR-TP11-0006-01

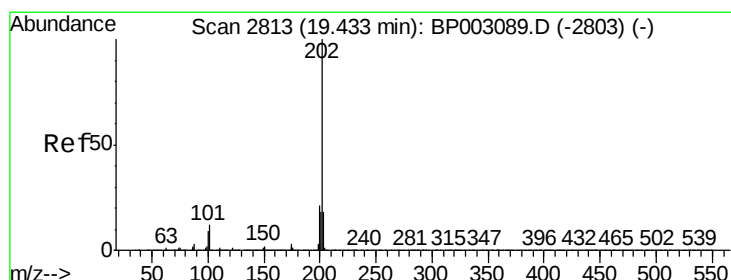
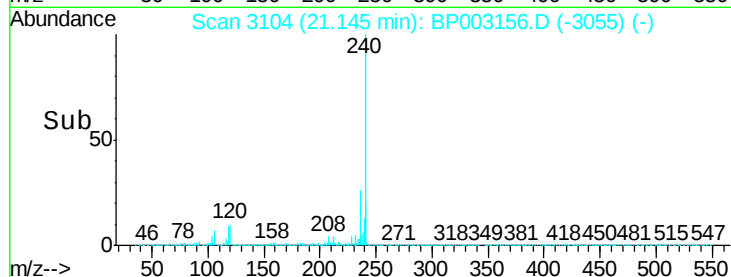
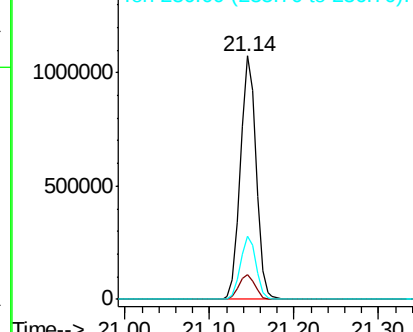
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.4	12.6
236	25.9	20.6	31.0

Manual Integrations
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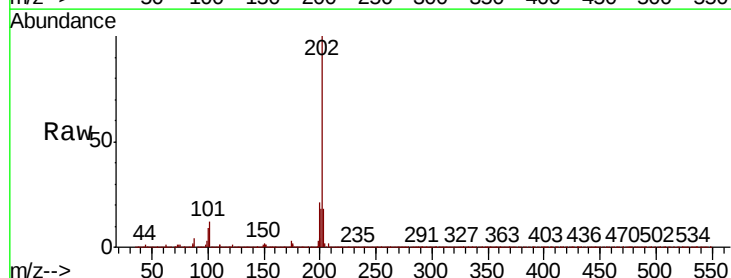


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

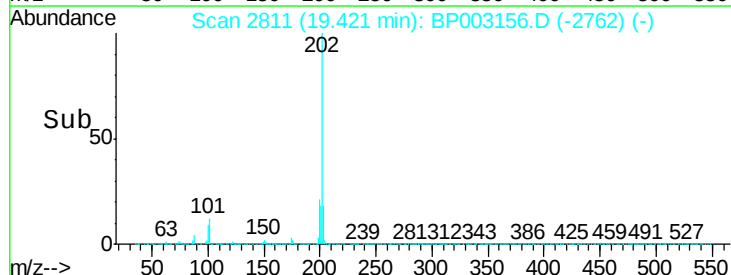
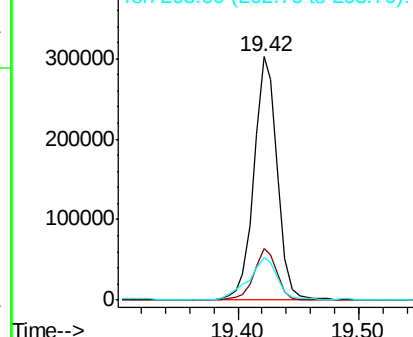


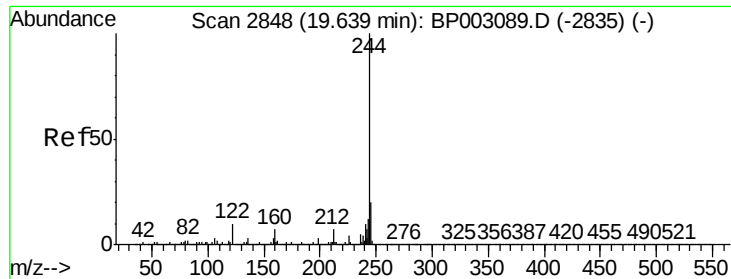
#78
Pyrene
Concen: 4.597 ng
RT: 19.42 min Scan# 2811
Delta R.T. -0.01 min
Lab File: BP003156.D
Acq: 28 Aug 2020 18:15

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.0	25.4
203	17.8	14.0	21.0



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: 47.825 ng

RT: 19.63 min Scan# 2846

Delta R.T. -0.01 min

Lab File: BP003156.D

Acq: 28 Aug 2020 18:15

Instrument :

BNA_P

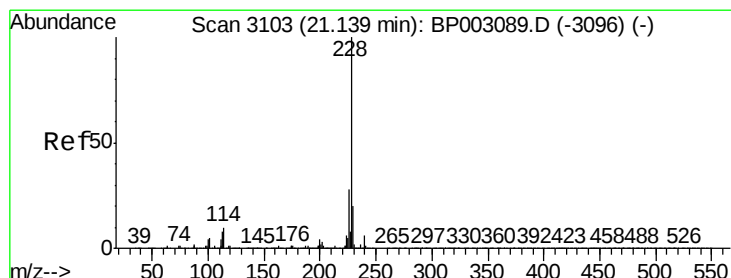
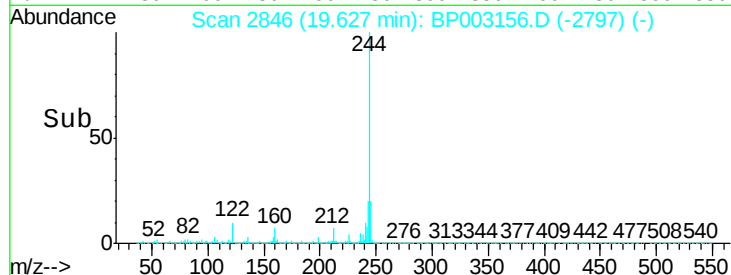
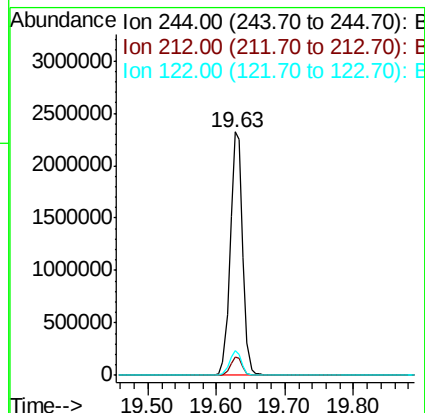
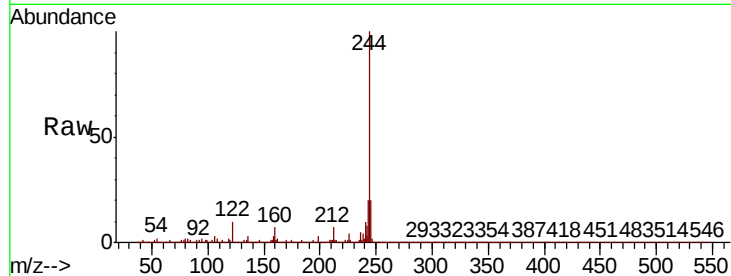
ClientSampleId :

789UMR-TP11-0006-01

Tot Ion:	244	Resp:	2958276
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	10.0	7.7	11.5

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#81

Benzo(a)anthracene

Concen: 2.801 ng

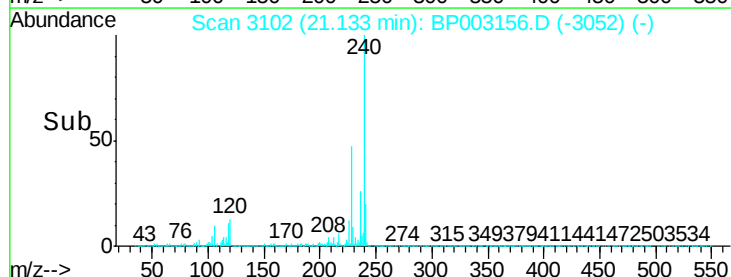
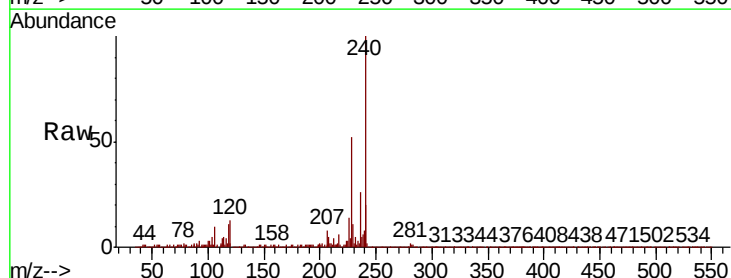
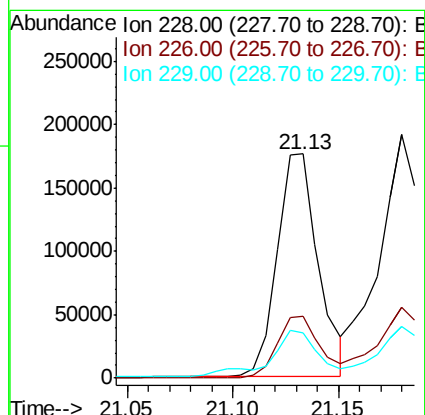
RT: 21.13 min Scan# 3102

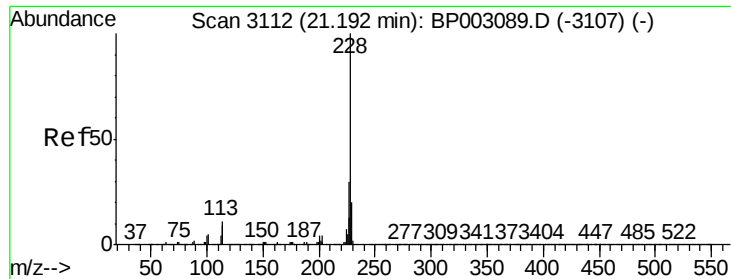
Delta R.T. -0.01 min

Lab File: BP003156.D

Acq: 28 Aug 2020 18:15

Tgt Ion:	228	Resp:	238797
Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.0	33.0
229	20.4	16.2	24.2





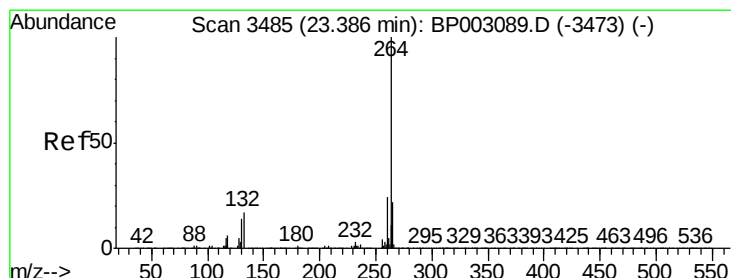
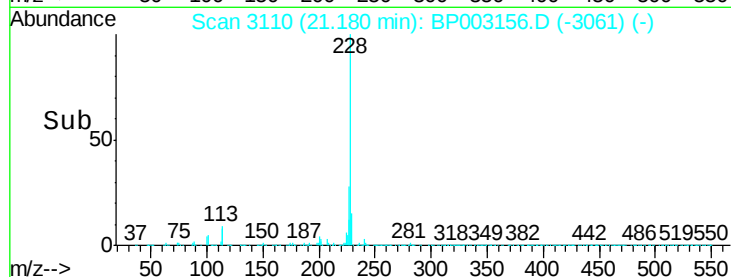
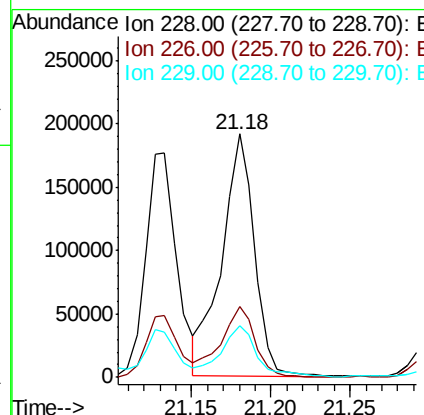
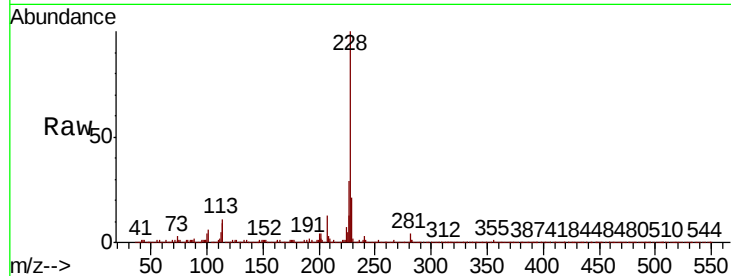
#83
Chrysene
Concen: 3.353 ng
RT: 21.18 min Scan# 3110
Delta R.T. -0.01 min
Lab File: BP003156.D
Acq: 28 Aug 2020 18:15

Instrument :
BNA_P
ClientSampleId :
789UMR-TP11-0006-01

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.2	36.4
229	21.2	16.0	24.0

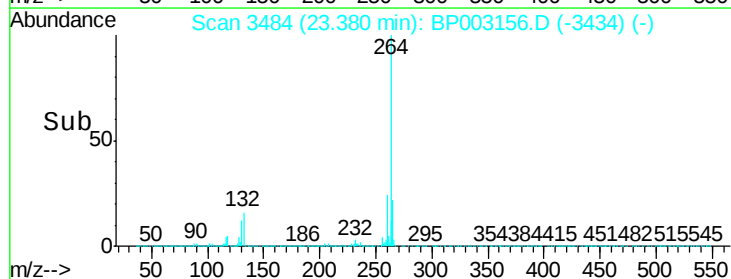
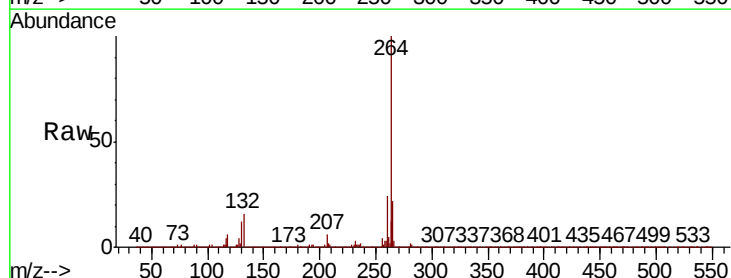
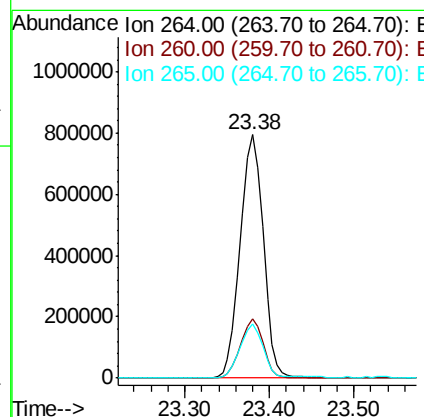
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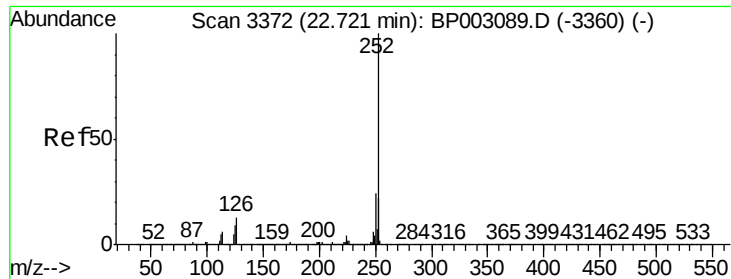
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.38 min Scan# 3484
Delta R.T. -0.01 min
Lab File: BP003156.D
Acq: 28 Aug 2020 18:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.6
265	22.2	17.7	26.5





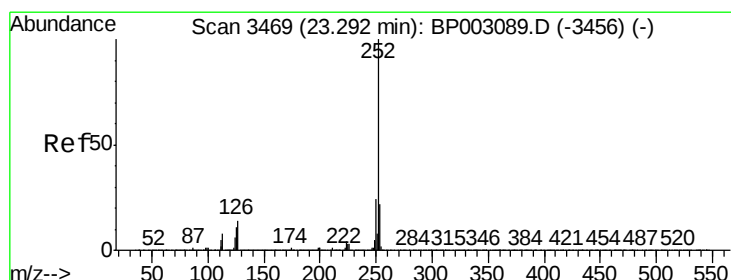
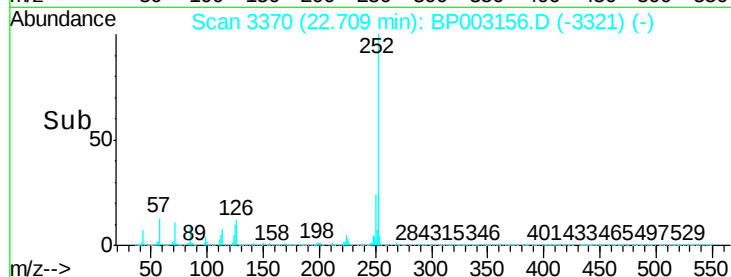
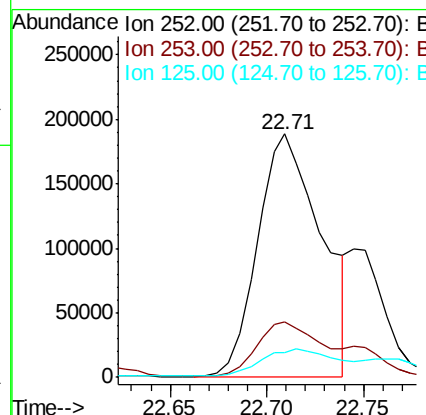
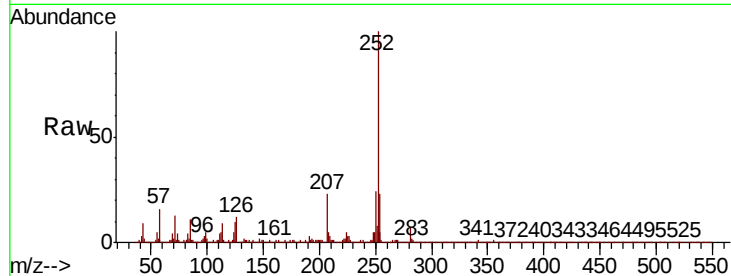
#88
Benzo(b)fluoranthene
Concen: 4.646 ng m
RT: 22.71 min Scan# 3370
Delta R.T. -0.01 min
Lab File: BP003156.D
Acq: 28 Aug 2020 18:15

Instrument :
BNA_P
ClientSampleId :
789UMR-TP11-0006-01

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	10.3	7.6	11.4

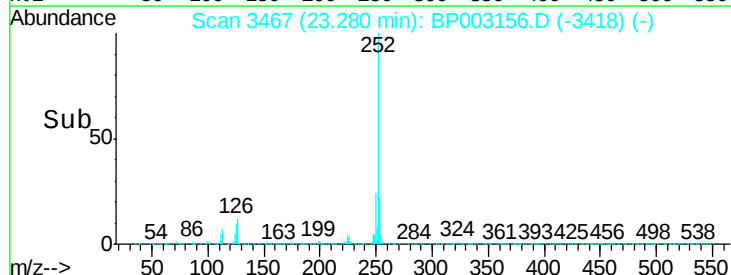
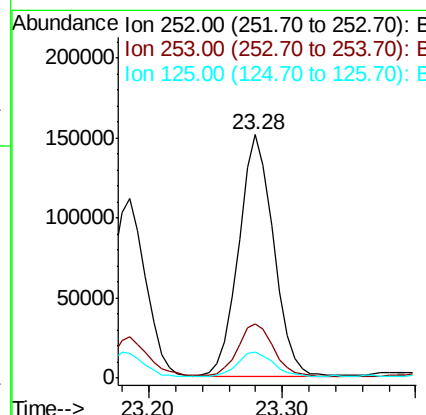
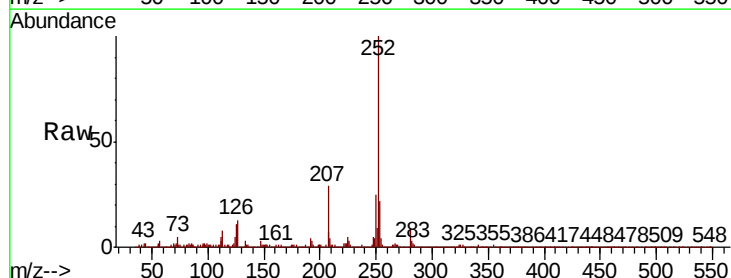
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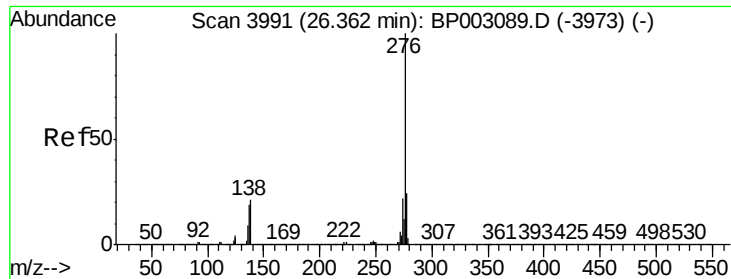
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#90
Benzo(a)pyrene
Concen: 3.176 ng
RT: 23.28 min Scan# 3467
Delta R.T. -0.01 min
Lab File: BP003156.D
Acq: 28 Aug 2020 18:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	10.5	8.8	13.2





#92
 Benzo(a,h,i)perylene
 Concen: 2.050 ng
 RT: 26.34 min Scan# 3987
 Delta R.T. -0.02 min
 Lab File: BP003156.D
 Acq: 28 Aug 2020 18:15

Instrument :
 BNA_P
 ClientSampleId :
 789UMR-TP11-0006-01

Tot Ion:	276	Resp:	189866
Ion Ratio		Lower	Upper
276	100		
277	24.6	19.4	29.2
138	19.8	17.0	25.6

Manual Integrations
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