

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100621\
 Data File : BP007363.D
 Acq On : 06 Oct 2021 20:17
 Operator : CG/JU
 Sample : M4057-01 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SHAFT-17B-SP

Manual Integrations
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 10/8/2021 8:34:26 AM

Quant Time: Oct 07 01:47:58 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 01 12:49:05 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	157606	20.00	ng	0.00
21) Naphthalene-d8	10.657	136	587223	20.00	ng	# 0.00
39) Acenaphthene-d10	14.492	164	357435	20.00	ng	0.00
64) Phenanthrene-d10	17.245	188	770582	20.00	ng	# 0.00
76) Chrysene-d12	21.339	240	793011	20.00	ng	0.00
86) Perylene-d12	23.739	264	851546	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	442188	46.97	ng	-0.01
7) Phenol-d6	7.040	99	502950	39.08	ng	-0.01
23) Nitrobenzene-d5	9.022	82	306336	30.38	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	202082	43.61	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	747277	29.95	ng	-0.01
79) Terphenyl-d14	19.810	244	1220148	29.48	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.292	178	156144	3.78	ng	100
75) Fluoranthene	19.257	202	428055	8.99	ng	98
78) Pyrene	19.610	202	411496	7.91	ng	98
81) Benzo(a)anthracene	21.321	228	259324	5.04	ng	96
83) Chrysene	21.374	228	232931	4.73	ng	95
87) Indeno(1,2,3-cd)pyrene	26.256	276	186127	3.04	ng	99
88) Benzo(b)fluoranthene	23.009	252	355928	6.99	ng	# 92
89) Benzo(k)fluoranthene	23.051	252	126071m	2.45	ng	
90) Benzo(a)pyrene	23.633	252	258208	5.97	ng	# 93
92) Benzo(g,h,i)perylene	27.033	276	188652	3.77	ng	# 92

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

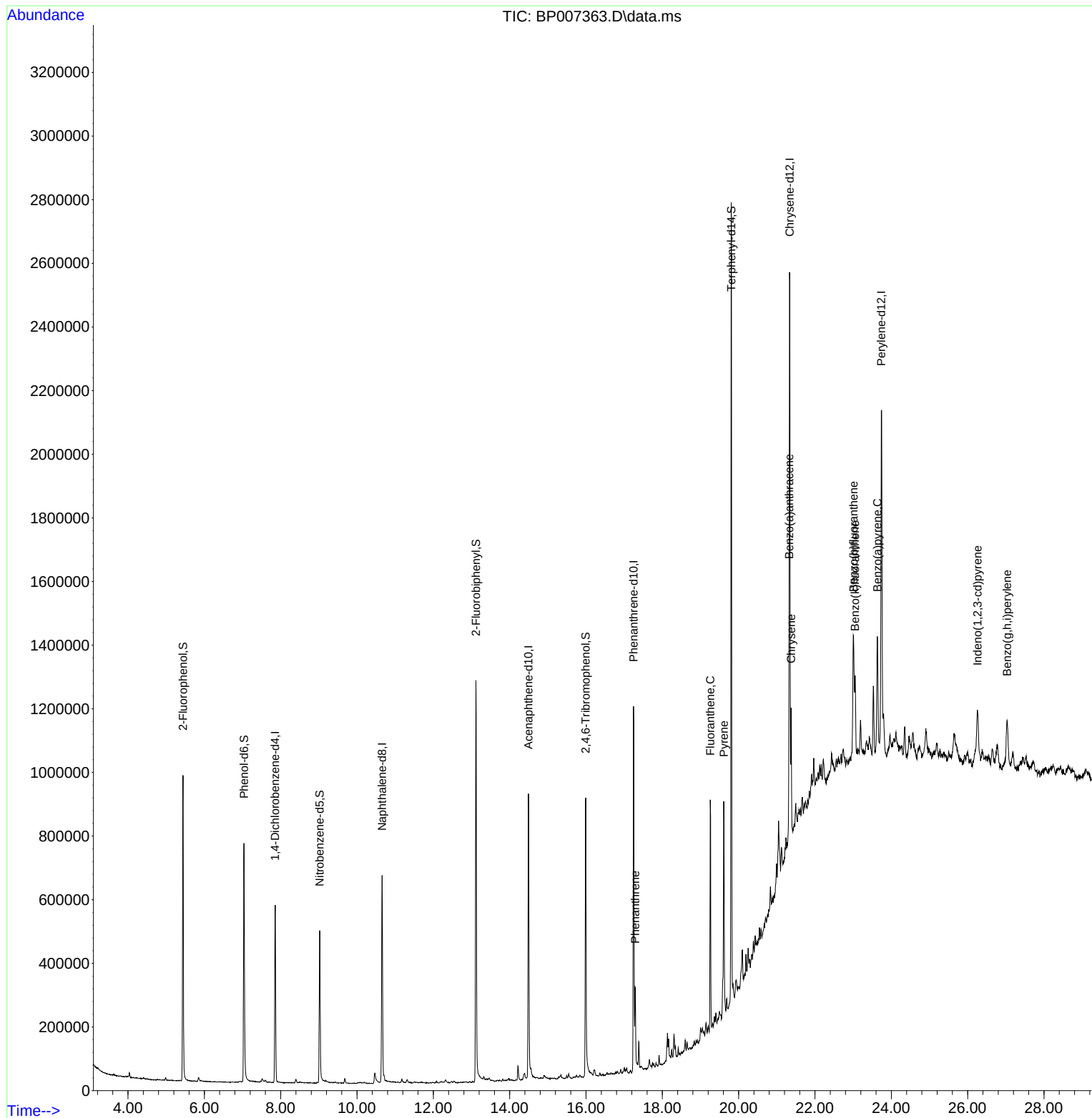
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Data File : BP007363.D
Acq On : 06 Oct 2021 20:17
Operator : CG/JU
Sample : M4057-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

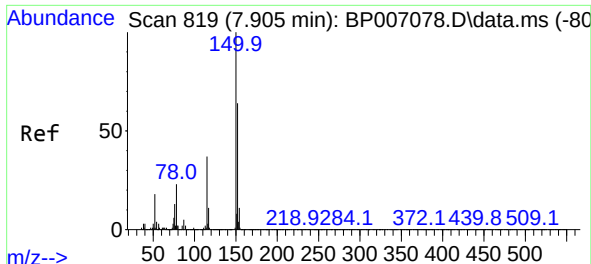
Instrument :
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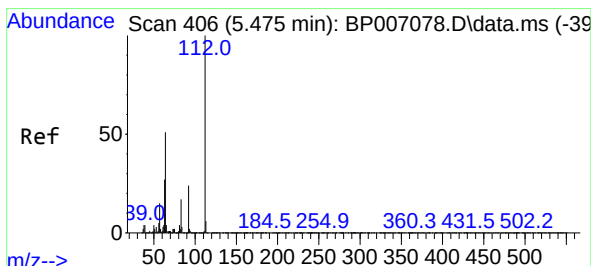
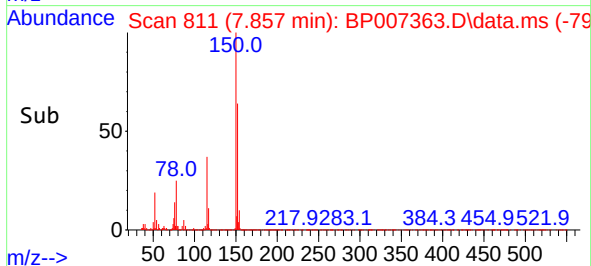
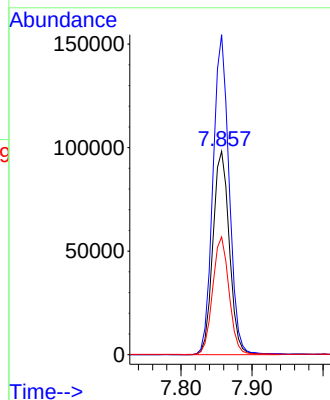
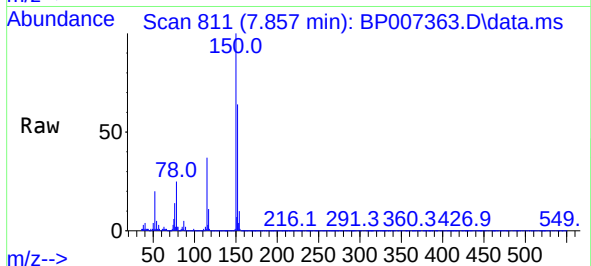
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BP007363.D
Acq: 06 Oct 2021 20:17

Tgt Ion:152 Resp: 157606
Ion Ratio Lower Upper
152 100
150 157.3 125.6 188.4
115 57.9 48.5 72.7

Instrument :
BNA_P
ClientSampleId :
SHAFT-17B-SP

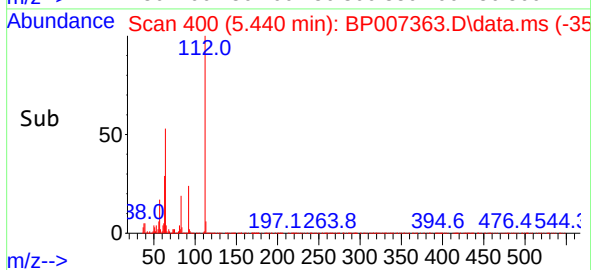
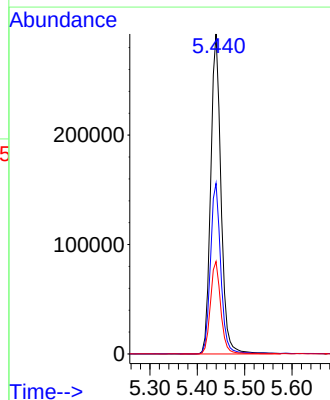
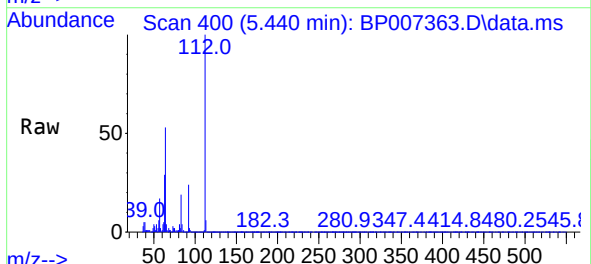
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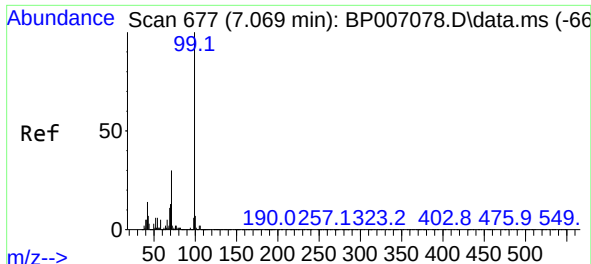
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#5
2-Fluorophenol
Concen: 46.97 ng
RT: 5.440 min Scan# 400
Delta R.T. -0.012 min
Lab File: BP007363.D
Acq: 06 Oct 2021 20:17

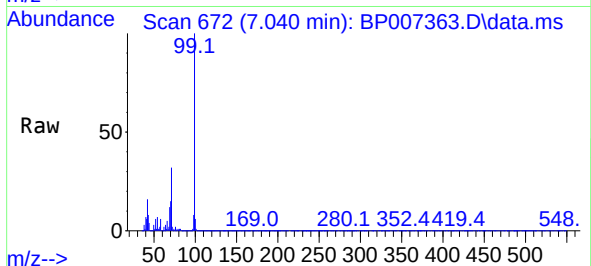
Tgt Ion:112 Resp: 442188
Ion Ratio Lower Upper
112 100
64 53.3 41.4 62.2
63 28.9 23.8 35.8





#7
Phenol-d6
Concen: 39.08 ng
RT: 7.040 min Scan# 672
Delta R.T. -0.012 min
Lab File: BP007363.D
Acq: 06 Oct 2021 20:17

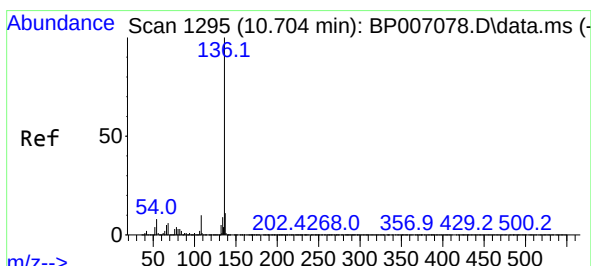
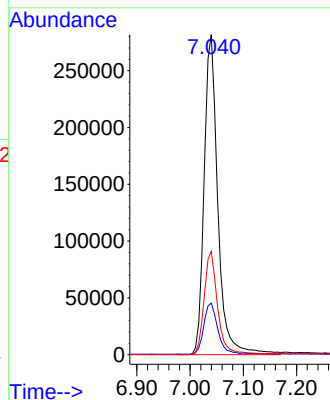
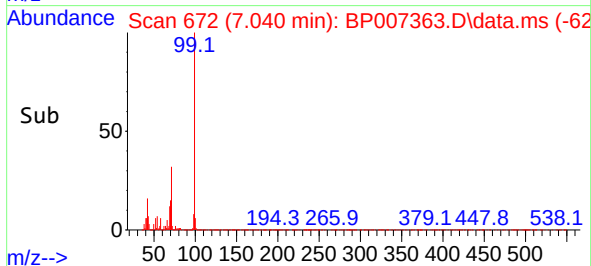
Instrument :
BNA_P
ClientSampleId :
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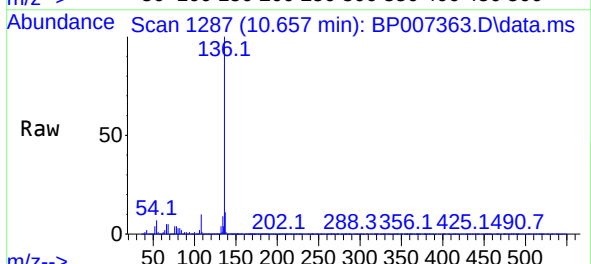
Tgt Ion: 99 Resp: 502950
Ion Ratio Lower Upper
99 100
42 16.1 13.4 20.0
71 32.2 30.6 46.0

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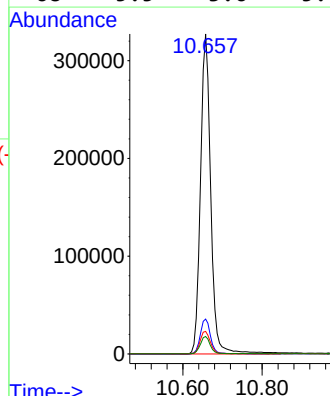
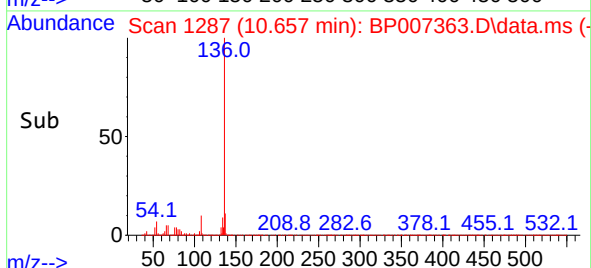
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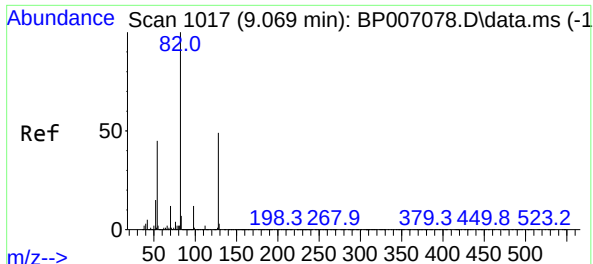


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.657 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BP007363.D
Acq: 06 Oct 2021 20:17



Tgt Ion: 136 Resp: 587223
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 7.0 4.6 6.8#
68 5.5 3.6 5.4#





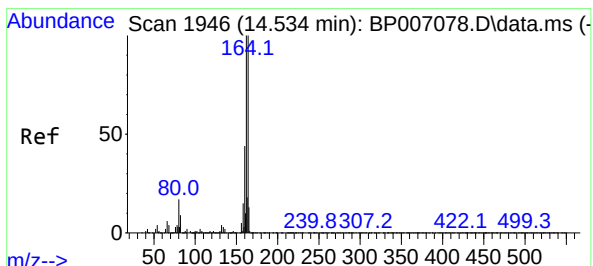
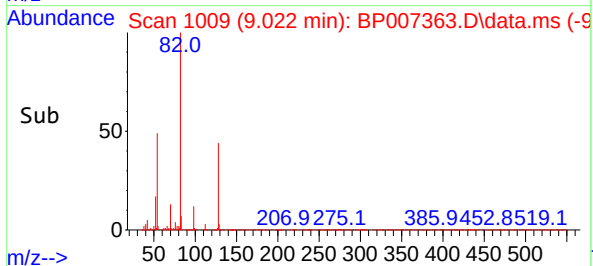
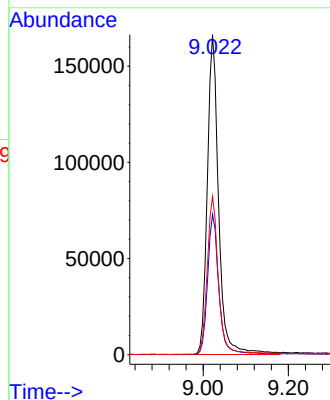
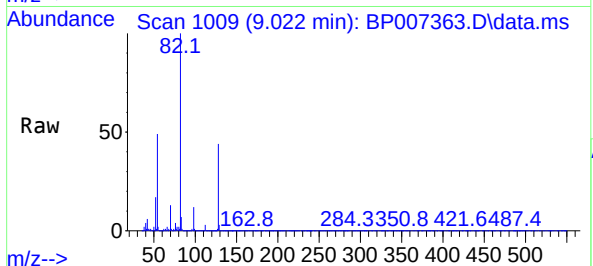
#23
Nitrobenzene-d5
Concen: 30.38 ng
RT: 9.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BP007363.D
Acq: 06 Oct 2021 20:17

Tgt Ion: 82 Resp: 306336
Ion Ratio Lower Upper
82 100
128 43.9 35.7 53.5
54 49.5 35.0 52.4

Instrument :
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ClientSampleId :
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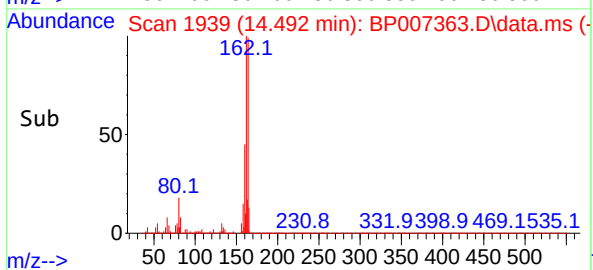
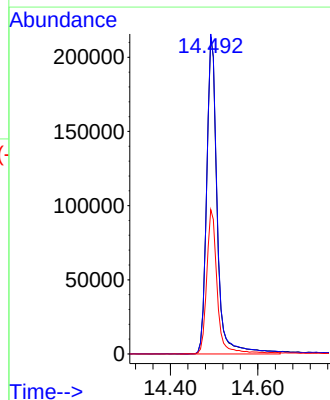
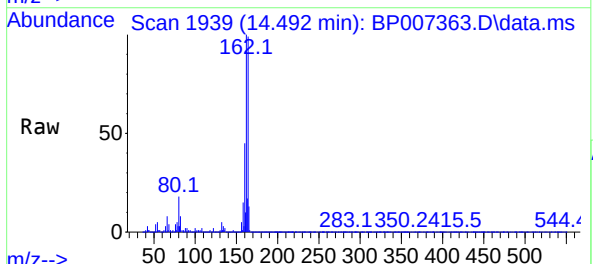
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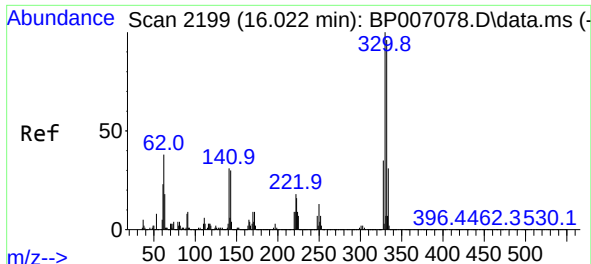
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.492 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BP007363.D
Acq: 06 Oct 2021 20:17

Tgt Ion: 164 Resp: 357435
Ion Ratio Lower Upper
164 100
162 101.0 80.2 120.2
160 45.6 34.5 51.7





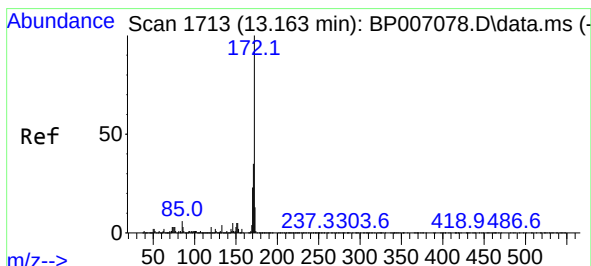
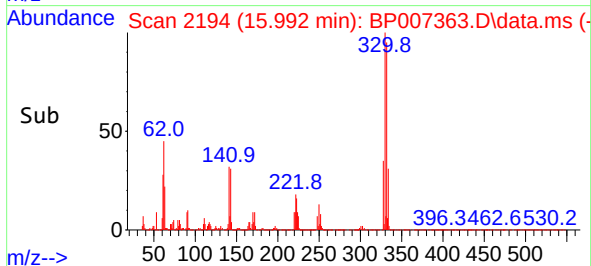
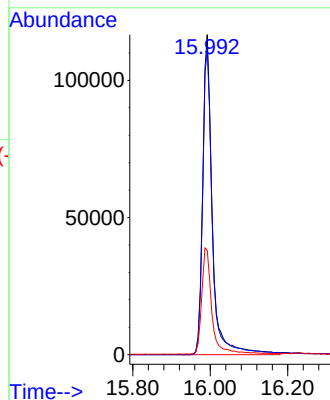
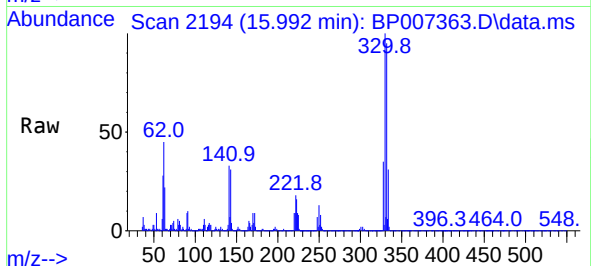
#42
2,4,6-Tribromophenol
Concen: 43.61 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BP007363.D
Acq: 06 Oct 2021 20:17

Tgt Ion:330 Resp: 202082
Ion Ratio Lower Upper
330 100
332 97.8 77.8 116.8
141 35.1 25.4 38.2

Instrument :
BNA_P
ClientSampleId :
SHAFT-17B-SP

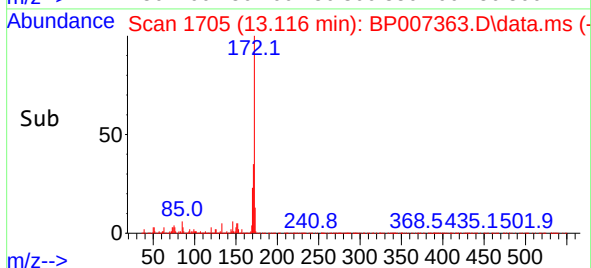
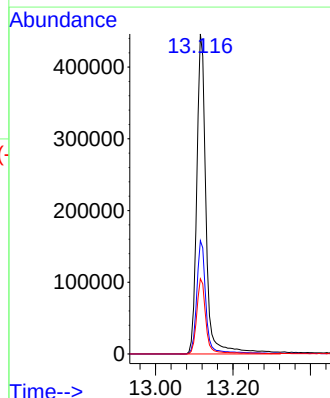
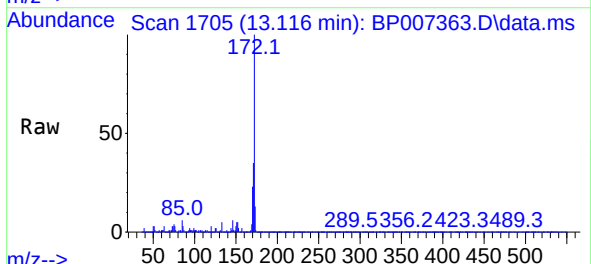
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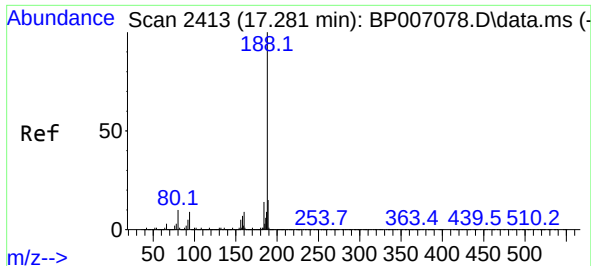
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#45
2-Fluorobiphenyl
Concen: 29.95 ng
RT: 13.116 min Scan# 1705
Delta R.T. -0.012 min
Lab File: BP007363.D
Acq: 06 Oct 2021 20:17

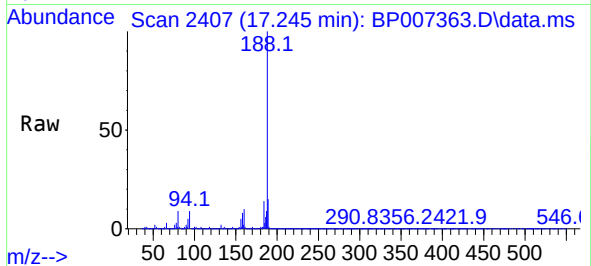
Tgt Ion:172 Resp: 747277
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 23.5 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.245 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BP007363.D
Acq: 06 Oct 2021 20:17

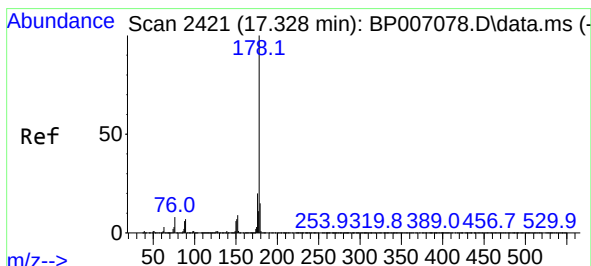
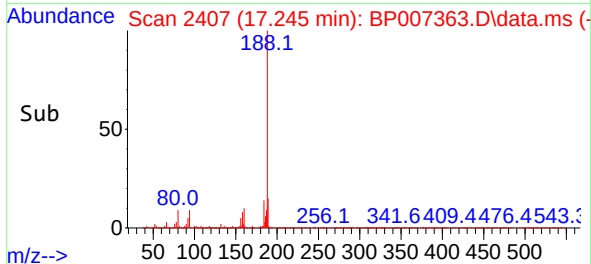
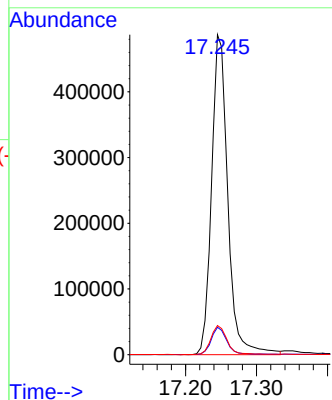
Instrument :
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Tgt Ion:188 Resp: 770582
Ion Ratio Lower Upper
188 100
94 8.6 5.6 8.4#
80 9.1 6.3 9.5

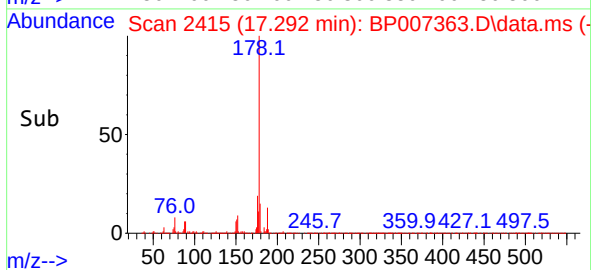
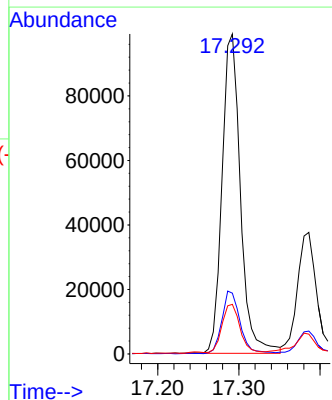
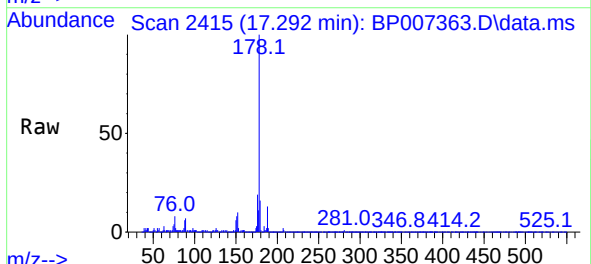
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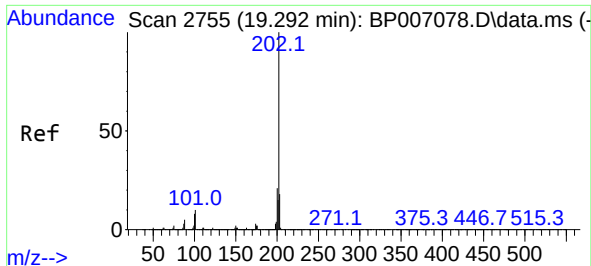
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#71
Phenanthrene
Concen: 3.78 ng
RT: 17.292 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BP007363.D
Acq: 06 Oct 2021 20:17

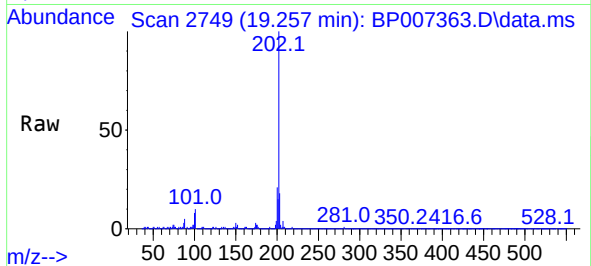
Tgt Ion:178 Resp: 156144
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 15.5 12.4 18.6





#75
Fluoranthene
Concen: 8.99 ng
RT: 19.257 min Scan# 2749
Delta R.T. -0.006 min
Lab File: BP007363.D
Acq: 06 Oct 2021 20:17

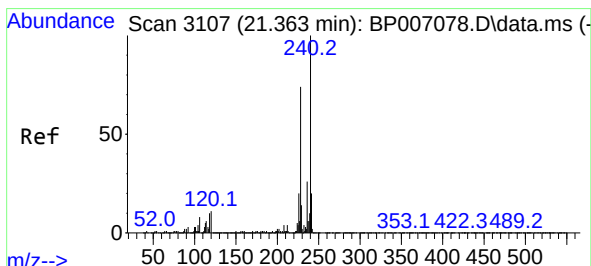
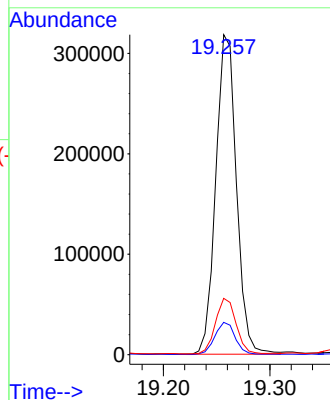
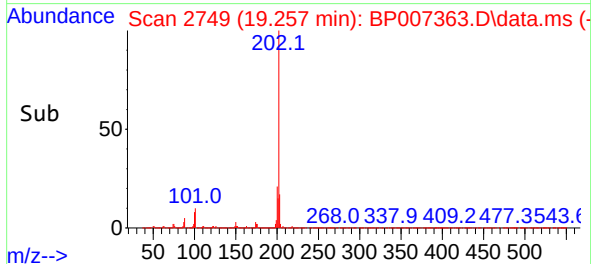
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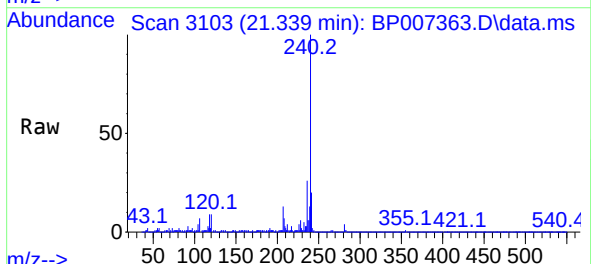
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Ion Ratio Lower Upper
202 100
101 10.1 0.0 27.6
203 17.6 0.0 37.8

Manual Integrations
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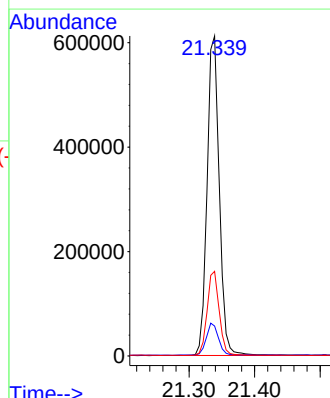
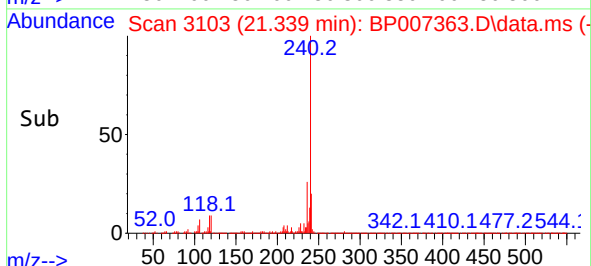
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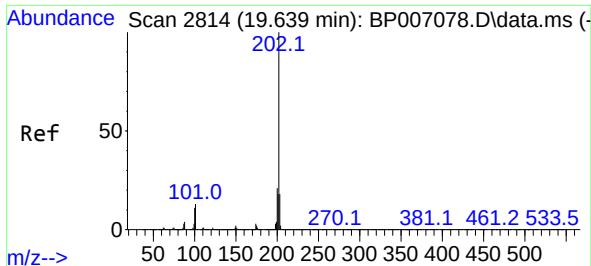


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.339 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP007363.D
Acq: 06 Oct 2021 20:17



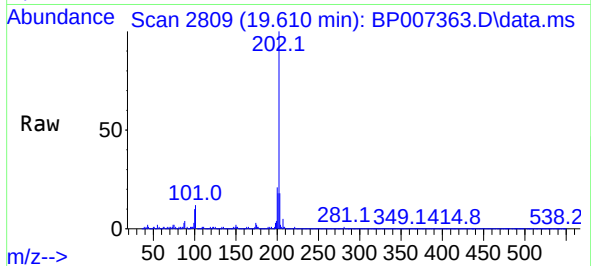
Tgt Ion:240 Resp: 793011
Ion Ratio Lower Upper
240 100
120 9.4 6.5 9.7
236 26.5 20.6 31.0





#78
Pyrene
Concen: 7.91 ng
RT: 19.610 min Scan# 2809
Delta R.T. -0.006 min
Lab File: BP007363.D
Acq: 06 Oct 2021 20:17

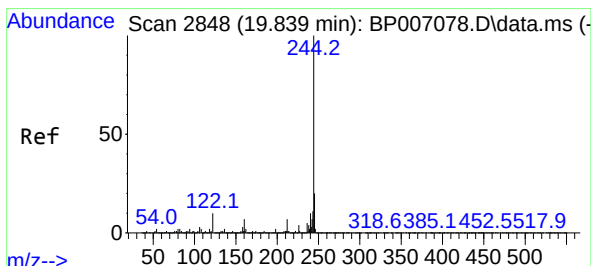
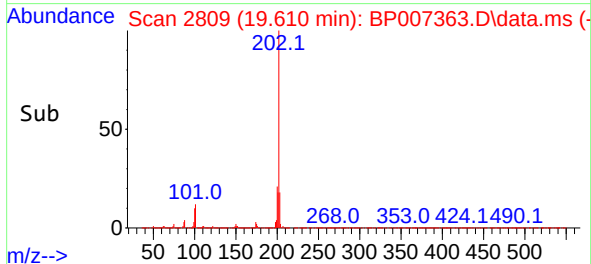
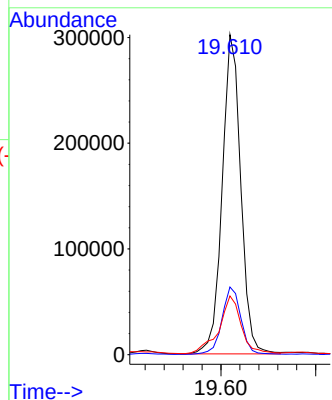
Instrument :
BNA_P
ClientSampleId :
SHAFT-17B-SP



Tgt Ion:202 Resp: 411496
Ion Ratio Lower Upper
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203 18.3 14.2 21.2

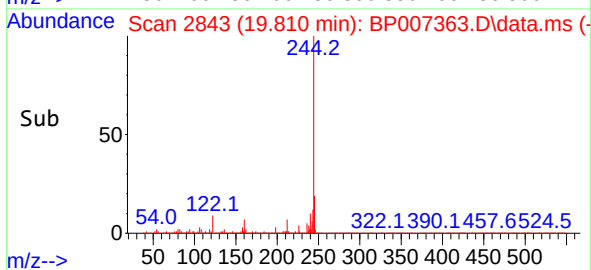
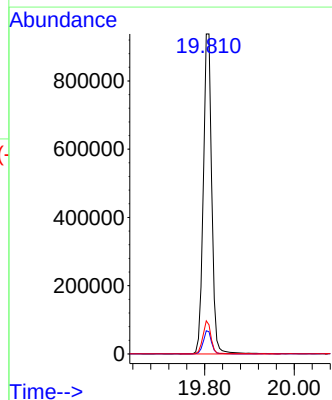
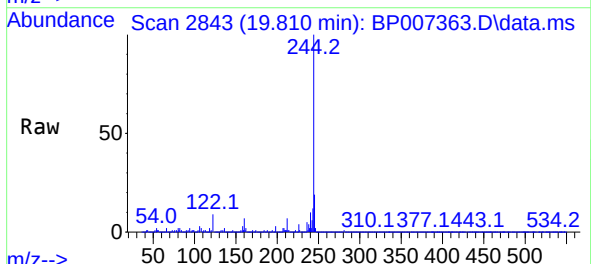
Manual Integrations
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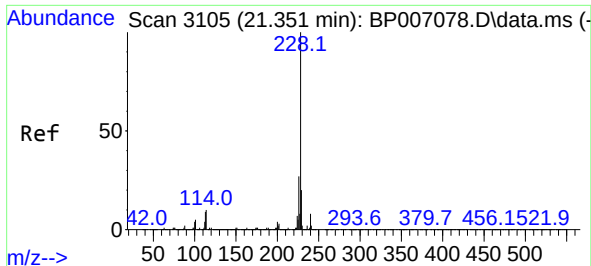
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#79
Terphenyl-d14
Concen: 29.48 ng
RT: 19.810 min Scan# 2843
Delta R.T. 0.000 min
Lab File: BP007363.D
Acq: 06 Oct 2021 20:17

Tgt Ion:244 Resp: 1220148
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 9.1 7.1 10.7





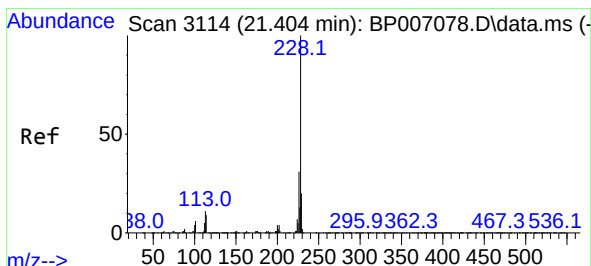
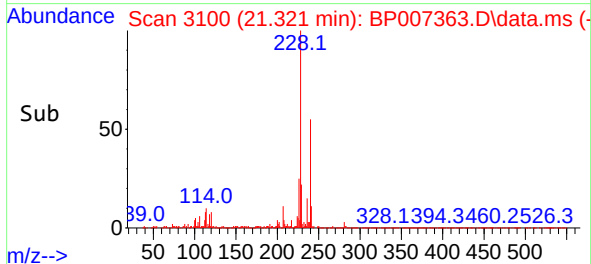
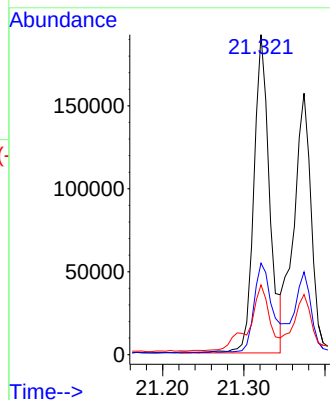
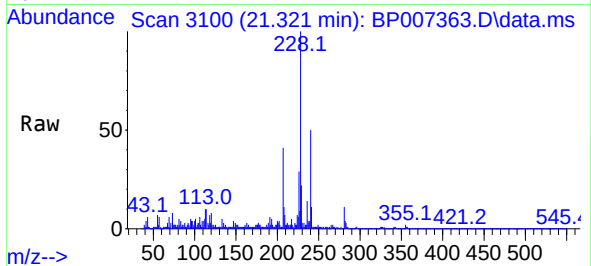
#81
Benzo(a)anthracene
Concen: 5.04 ng
RT: 21.321 min Scan# 3100
Delta R.T. -0.006 min
Lab File: BP007363.D
Acq: 06 Oct 2021 20:17

Tgt Ion:	228	Resp:	259324
Ion Ratio	Lower	Upper	
228	100		
226	28.6	21.6	32.4
229	21.8	15.8	23.6

Instrument :
BNA_P
ClientSampleId :
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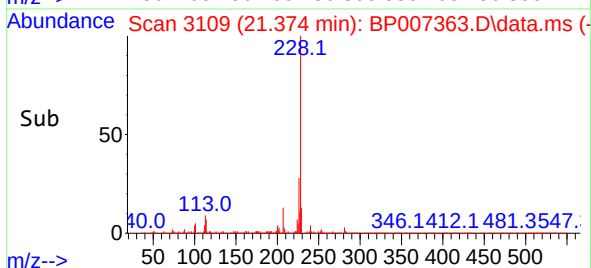
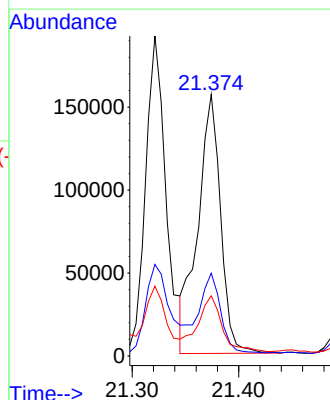
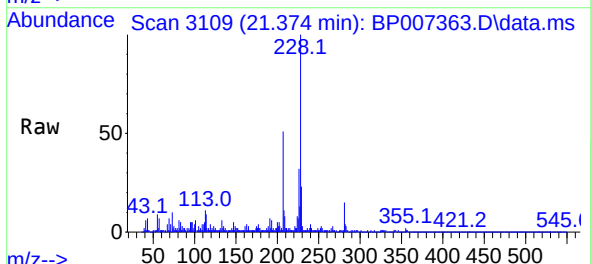
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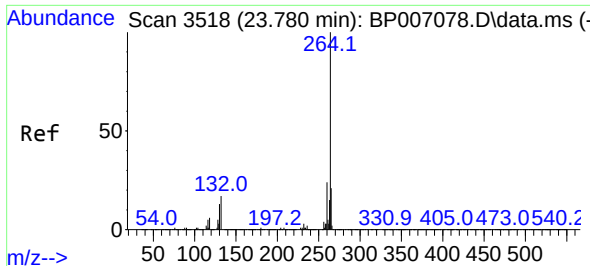
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#83
Chrysene
Concen: 4.73 ng
RT: 21.374 min Scan# 3109
Delta R.T. -0.006 min
Lab File: BP007363.D
Acq: 06 Oct 2021 20:17

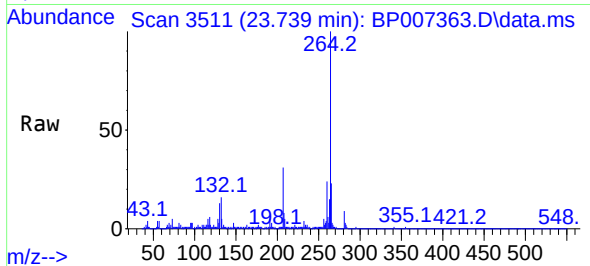
Tgt Ion:	228	Resp:	232931
Ion Ratio	Lower	Upper	
228	100		
226	31.6	23.8	35.6
229	23.0	15.4	23.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.739 min Scan# 3511
Delta R.T. -0.006 min
Lab File: BP007363.D
Acq: 06 Oct 2021 20:17

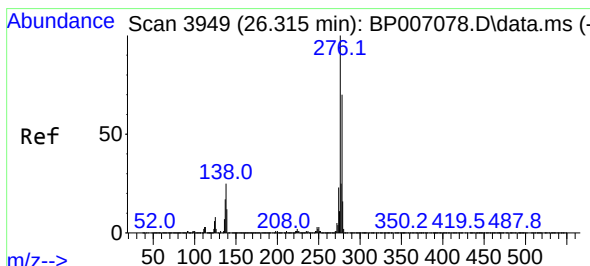
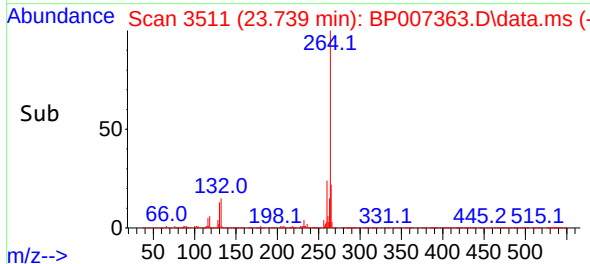
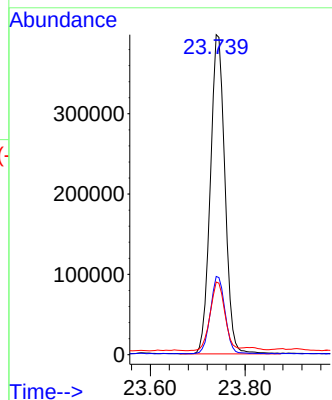
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:264 Resp: 851546
Ion Ratio Lower Upper
264 100
260 24.4 18.6 28.0
265 22.7 17.6 26.4

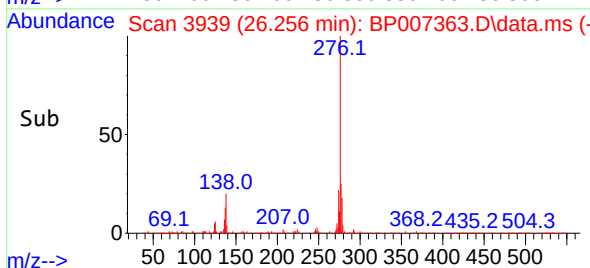
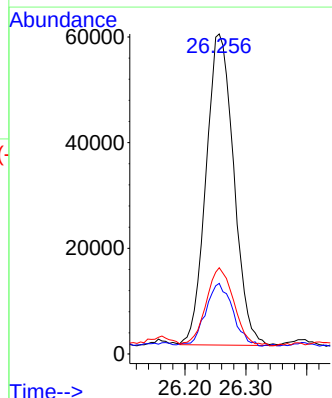
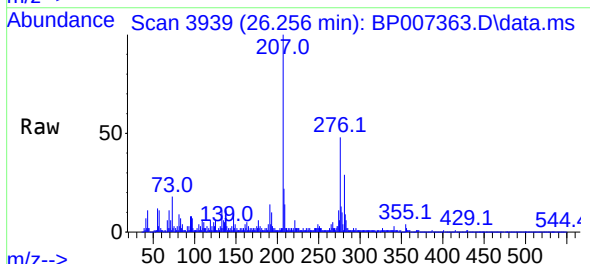
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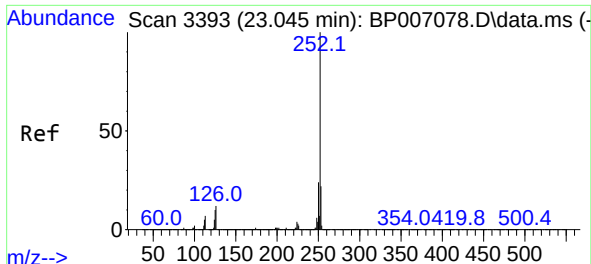
mohammad
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#87
Indeno(1,2,3-cd)pyrene
Concen: 3.04 ng
RT: 26.256 min Scan# 3939
Delta R.T. -0.012 min
Lab File: BP007363.D
Acq: 06 Oct 2021 20:17

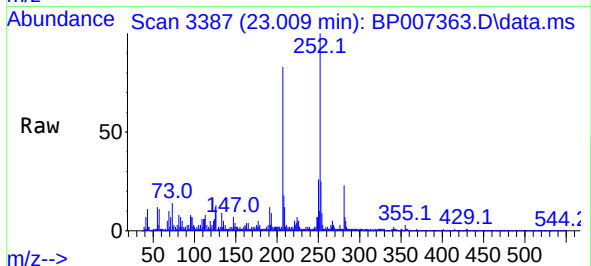
Tgt Ion:276 Resp: 186127
Ion Ratio Lower Upper
276 100
138 19.9 15.3 22.9
277 25.1 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 6.99 ng
RT: 23.009 min Scan# 3387
Delta R.T. 0.000 min
Lab File: BP007363.D
Acq: 06 Oct 2021 20:17

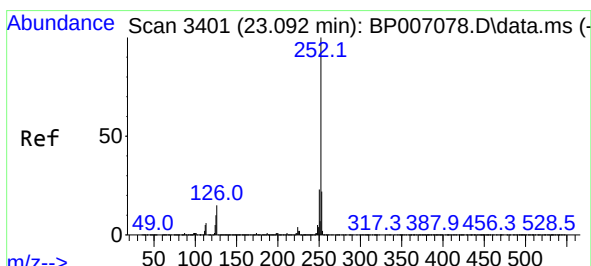
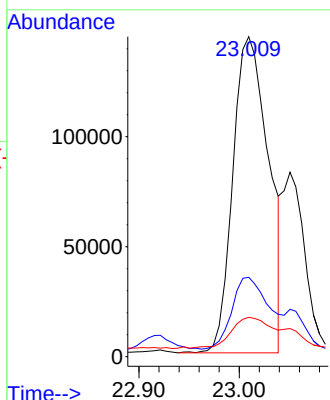
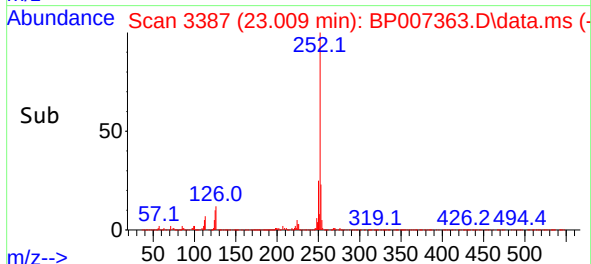
Instrument :
BNA_P
ClientSampleId :
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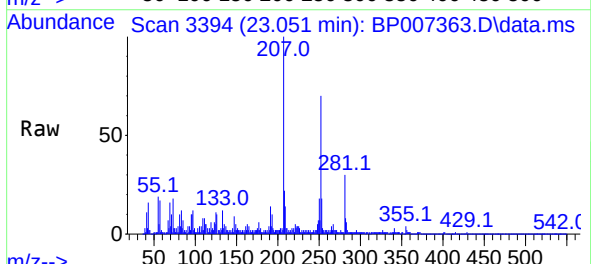
Tgt Ion:252 Resp: 355928
Ion Ratio Lower Upper
252 100
253 24.8 17.5 26.3
125 12.3 6.2 9.4#

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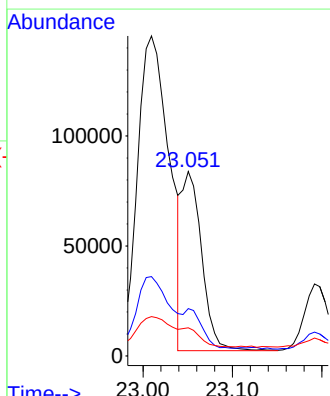
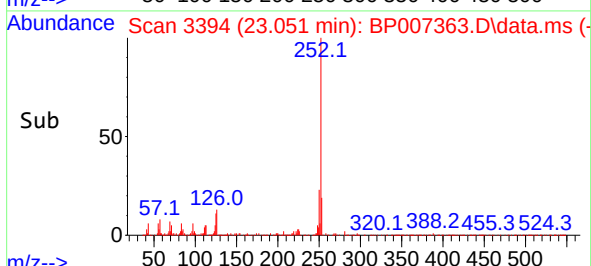
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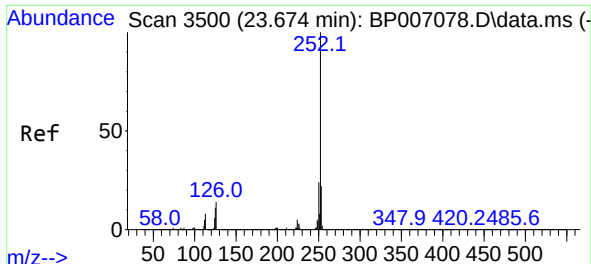


#89
Benzo(k)fluoranthene
Concen: 2.45 ng m
RT: 23.051 min Scan# 3394
Delta R.T. -0.006 min
Lab File: BP007363.D
Acq: 06 Oct 2021 20:17



Tgt Ion:252 Resp: 126071
Ion Ratio Lower Upper
252 100
253 25.7 17.6 26.4
125 15.3 6.0 9.0#





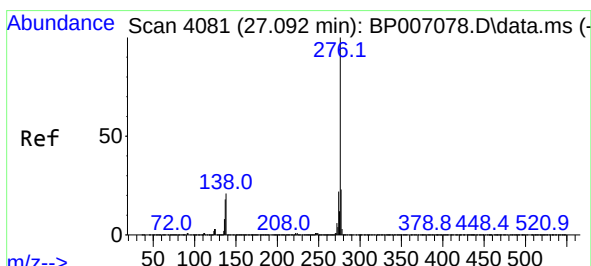
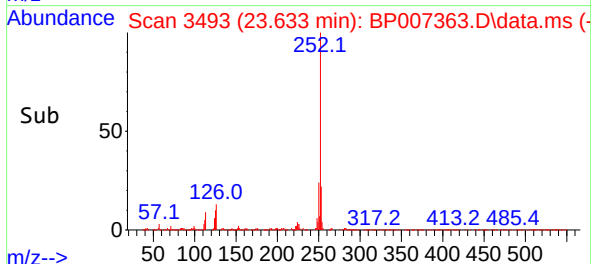
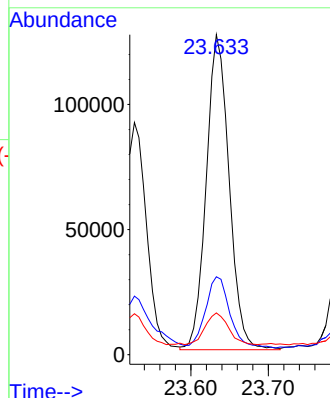
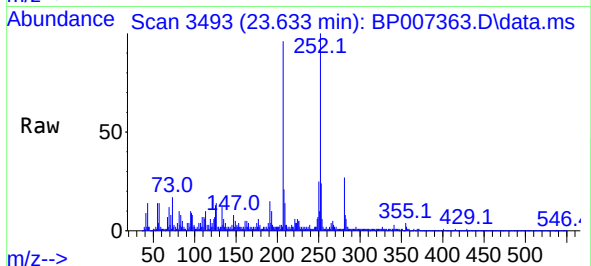
#90
Benzo(a)pyrene
Concen: 5.97 ng
RT: 23.633 min Scan# 3493
Delta R.T. -0.006 min
Lab File: BP007363.D
Acq: 06 Oct 2021 20:17

Tgt Ion: 252 Resp: 258208
Ion Ratio Lower Upper
252 100
253 24.3 17.9 26.9
125 13.1 6.5 9.7#

Instrument :
BNA_P
ClientSampleId :
SHAFT-17B-SP

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 3.77 ng
RT: 27.033 min Scan# 4071
Delta R.T. -0.012 min
Lab File: BP007363.D
Acq: 06 Oct 2021 20:17

Tgt Ion: 276 Resp: 188652
Ion Ratio Lower Upper
276 100
277 25.0 18.9 28.3
138 22.8 12.6 18.8#

