

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051421\
 Data File : BP005550.D
 Acq On : 14 May 2021 15:52
 Operator : CG/JU
 Sample : M2373-01 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-02-051221

Manual Integrations
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 5/17/2021 11:19:23 AM

Quant Time: May 14 16:20:26 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 12:01:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	14083	20.00	ng	0.00
21) Naphthalene-d8	10.469	136	43619	20.00	ng	0.00
39) Acenaphthene-d10	14.328	164	35816	20.00	ng	0.00
64) Phenanthrene-d10	17.086	188	86416	20.00	ng	# 0.00
76) Chrysene-d12	21.186	240	120269	20.00	ng	# 0.00
86) Perylene-d12	23.492	264	146516	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.269	112	26318	35.86	ng	0.00
7) Phenol-d6	6.881	99	29013	31.71	ng	0.00
23) Nitrobenzene-d5	8.845	82	24510	22.12	ng	0.00
42) 2,4,6-Tribromophenol	15.833	330	28764	28.30	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	64687	20.37	ng	0.00
79) Terphenyl-d14	19.657	244	150950	21.31	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	13.798	163	7251	2.35	ng	# 90
71) Phenanthrene	17.127	178	26927	5.48	ng	97
72) Anthracene	17.221	178	10528m	2.16	ng	
75) Fluoranthene	19.110	202	55550	8.22	ng	95
78) Pyrene	19.463	202	56100	8.24	ng	98
81) Benzo(a)anthracene	21.174	228	31827	4.08	ng	# 92
83) Chrysene	21.221	228	32295	4.28	ng	# 91
88) Benzo(b)fluoranthene	22.798	252	42196m	4.32	ng	
89) Benzo(k)fluoranthene	22.833	252	19168m	2.01	ng	
90) Benzo(a)pyrene	23.392	252	32098	3.59	ng	# 90
92) Benzo(g,h,i)perylene	26.633	276	25260	2.51	ng	# 94

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

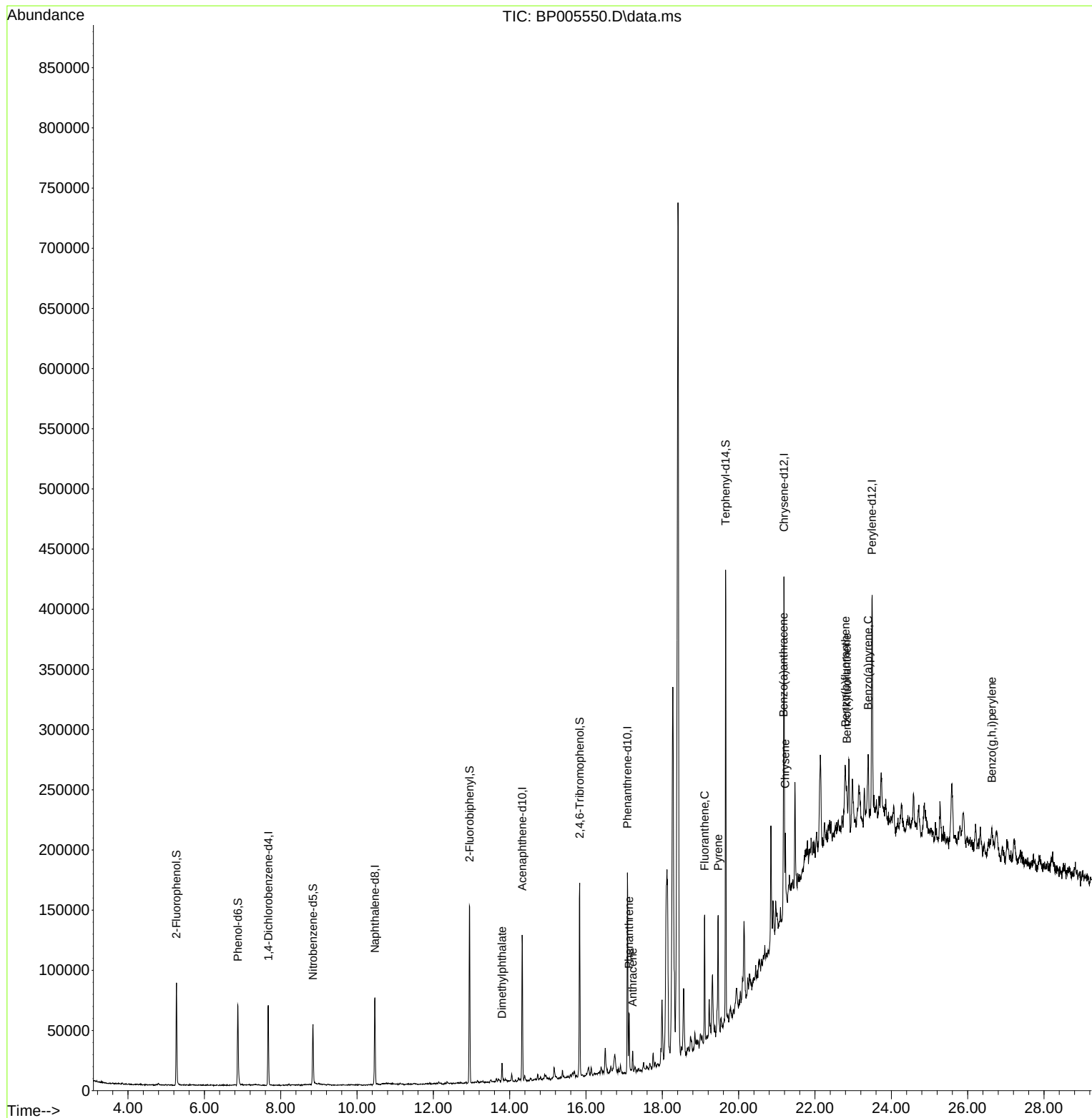
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051421\
Data File : BP005550.D
Acq On : 14 May 2021 15:52
Operator : CG/JU
Sample : M2373-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

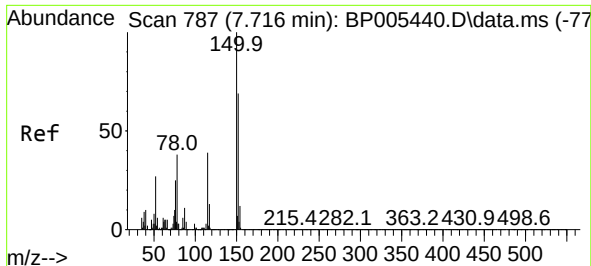
Instrument :
BNA_P
ClientSampleId :
OR-02-051221

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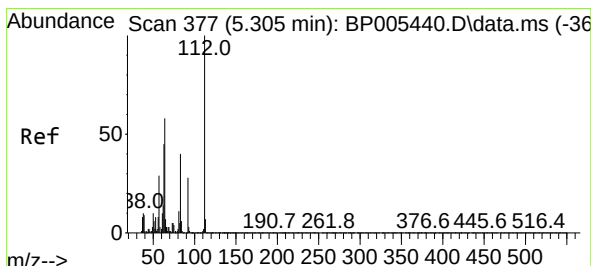
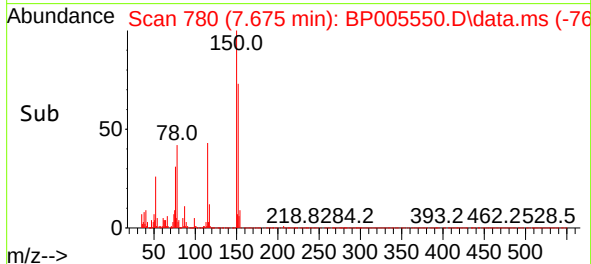
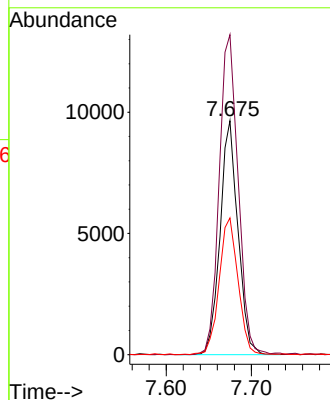
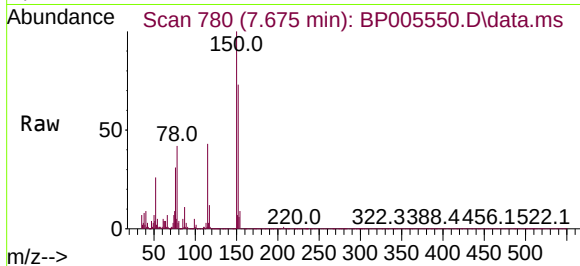
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.675 min Scan# 780
Delta R.T. -0.000 min
Lab File: BP005550.D
Acq: 14 May 2021 15:52

Tgt Ion:152 Resp: 14083
Ion Ratio Lower Upper
152 100
150 136.8 119.8 179.8
115 58.5 49.0 73.4

Instrument :
BNA_P
ClientSampleId :
OR-02-051221

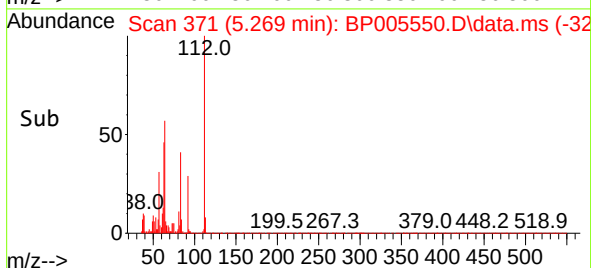
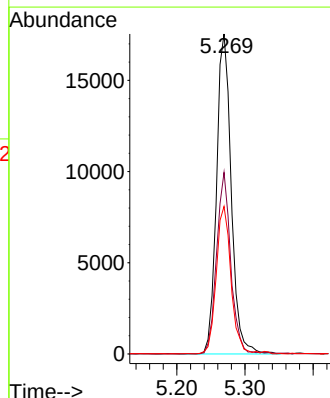
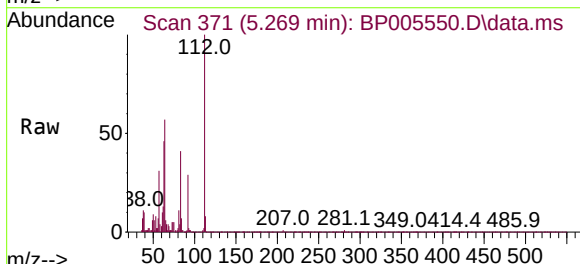
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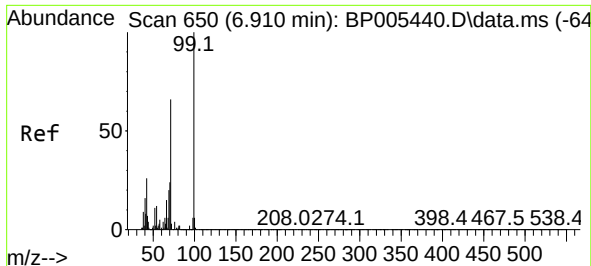
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#5
2-Fluorophenol
Concen: 35.86 ng
RT: 5.269 min Scan# 371
Delta R.T. -0.000 min
Lab File: BP005550.D
Acq: 14 May 2021 15:52

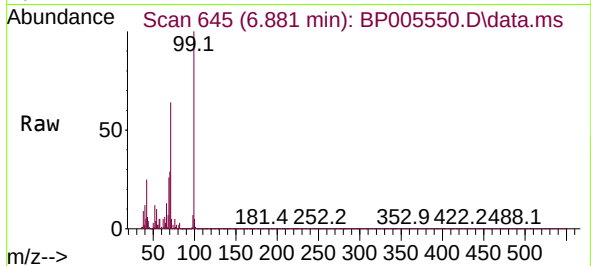
Tgt Ion:112 Resp: 26318
Ion Ratio Lower Upper
112 100
64 56.8 33.6 50.4#
63 46.1 18.6 27.8#





#7
Phenol-d6
Concen: 31.71 ng
RT: 6.881 min Scan# 645
Delta R.T. -0.000 min
Lab File: BP005550.D
Acq: 14 May 2021 15:52

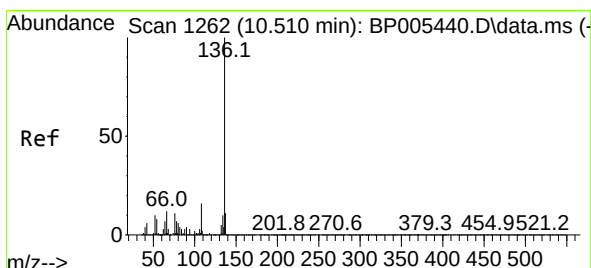
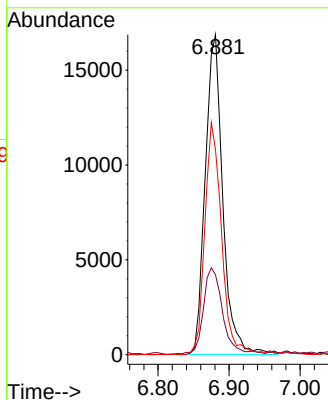
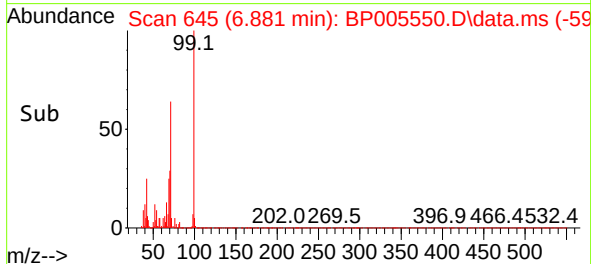
Instrument :
BNA_P
ClientSampleId :
OR-02-051221



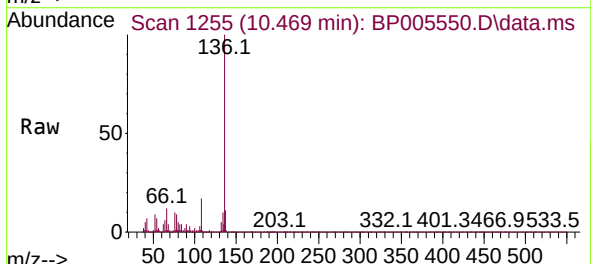
Tgt Ion: 99 Resp: 29013
Ion Ratio Lower Upper
99 100
42 25.0 12.9 19.3#
71 64.1 26.7 40.1#

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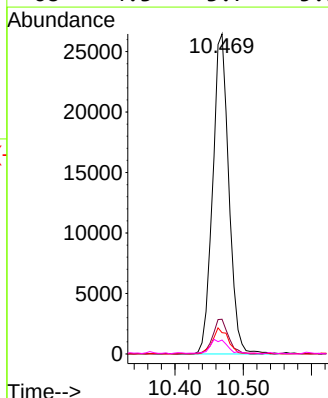
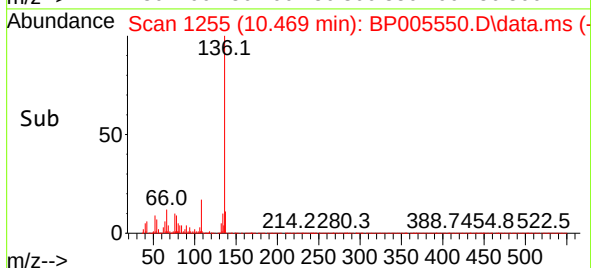
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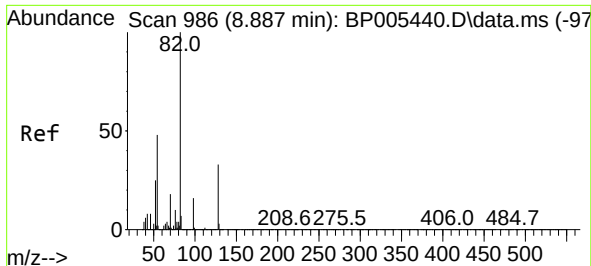


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.469 min Scan# 1255
Delta R.T. -0.000 min
Lab File: BP005550.D
Acq: 14 May 2021 15:52



Tgt Ion: 136 Resp: 43619
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.7 5.0 7.4
68 4.3 3.7 5.5





#23

Nitrobenzene-d5

Concen: 22.12 ng

RT: 8.845 min Scan# 979

Delta R.T. -0.006 min

Lab File: BP005550.D

Acq: 14 May 2021 15:52

Tgt Ion:	82	Resp:	24510
Ion Ratio	Lower	Upper	
82	100		
128	31.3	30.5	45.7
54	49.0	33.9	50.9

Instrument :

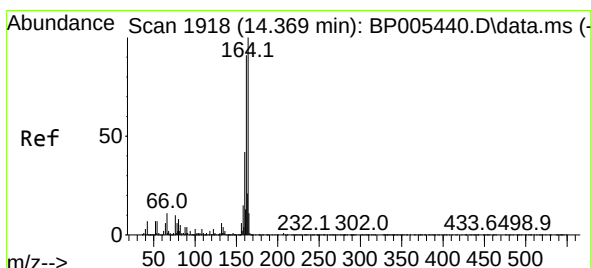
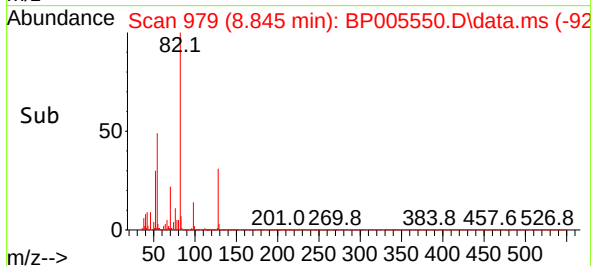
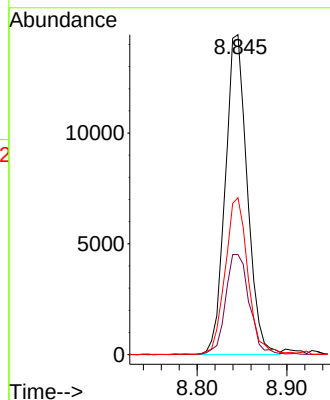
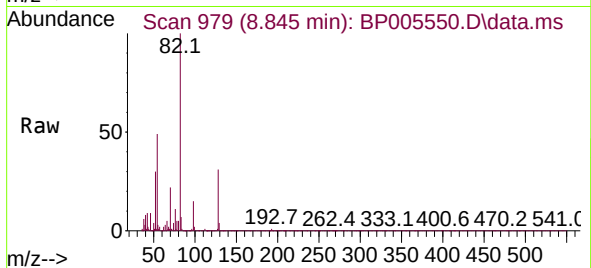
BNA_P

ClientSampleId :

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#39

Acenaphthene-d10

Concen: 20.00 ng

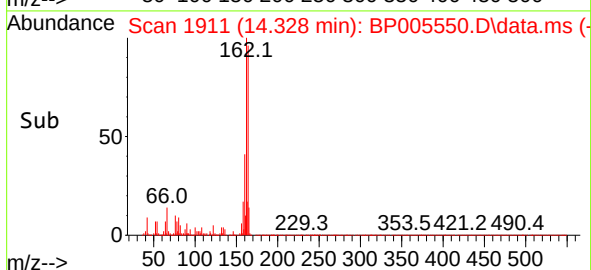
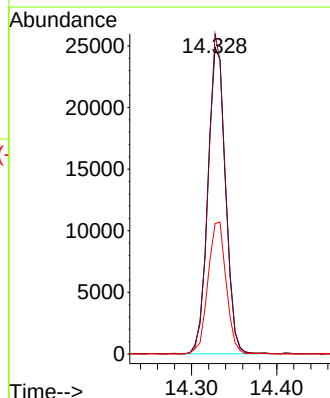
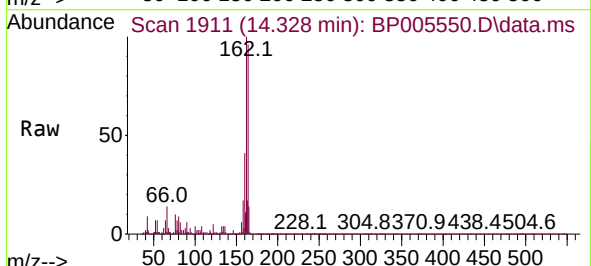
RT: 14.328 min Scan# 1911

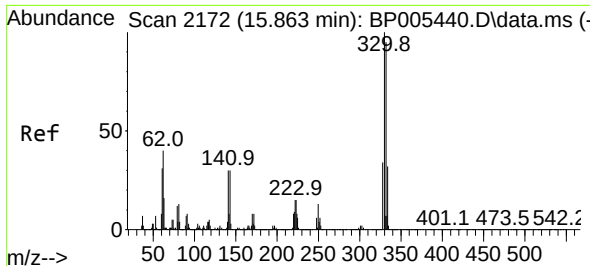
Delta R.T. -0.006 min

Lab File: BP005550.D

Acq: 14 May 2021 15:52

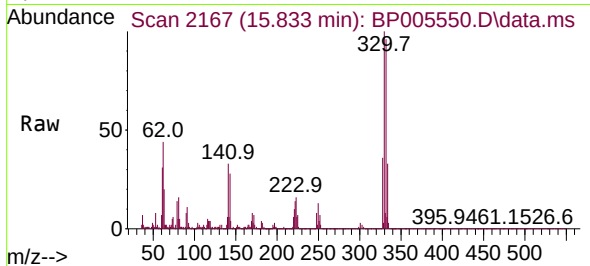
Tgt Ion:	164	Resp:	35816
Ion Ratio	Lower	Upper	
164	100		
162	104.4	73.5	110.3
160	42.5	40.6	61.0





#42
2,4,6-Tribromophenol
Concen: 28.30 ng
RT: 15.833 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BP005550.D
Acq: 14 May 2021 15:52

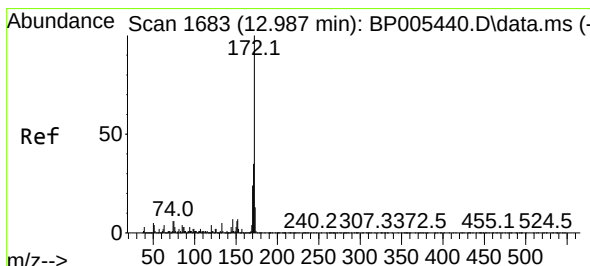
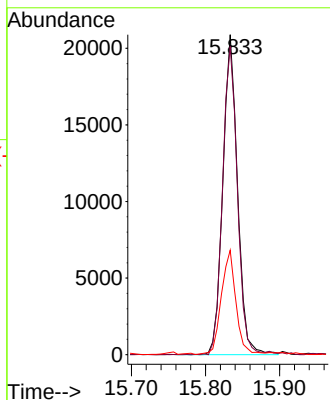
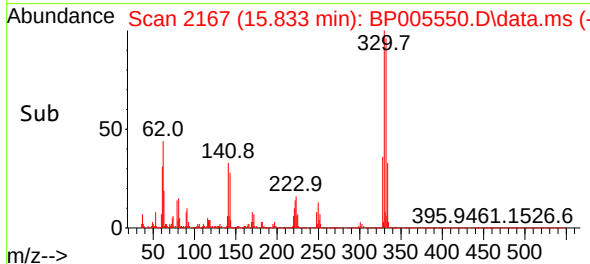
Instrument :
BNA_P
ClientSampleId :
OR-02-051221



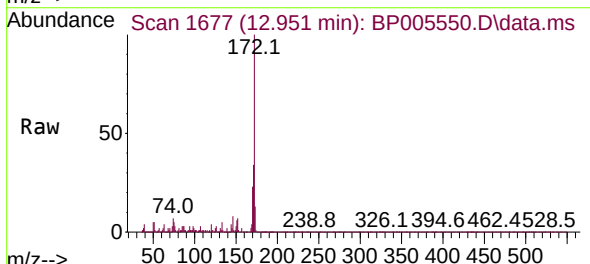
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.3	114.5
141	32.4	22.8	34.2

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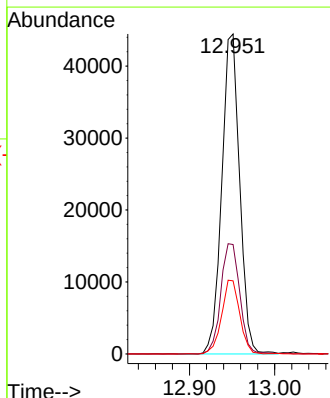
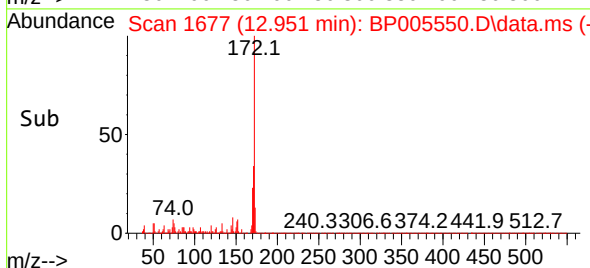
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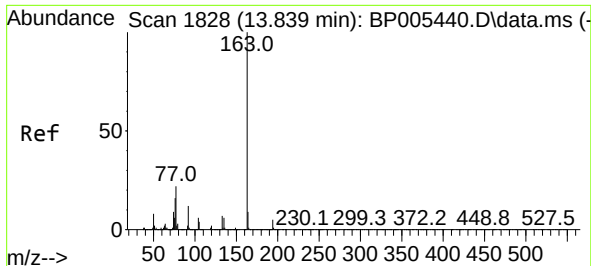


#45
2-Fluorobiphenyl
Concen: 20.37 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BP005550.D
Acq: 14 May 2021 15:52



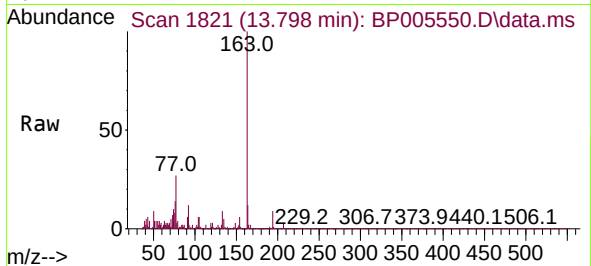
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.1	42.1
170	22.9	19.6	29.4





#50
Dimethylphthalate
Concen: 2.35 ng
RT: 13.798 min Scan# 1821
Delta R.T. -0.012 min
Lab File: BP005550.D
Acq: 14 May 2021 15:52

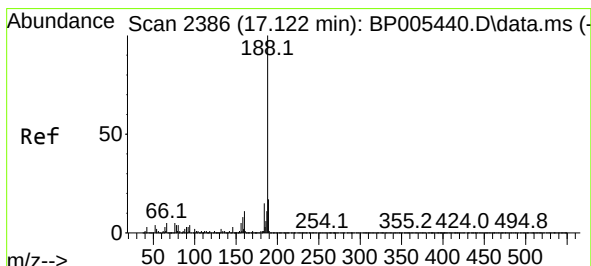
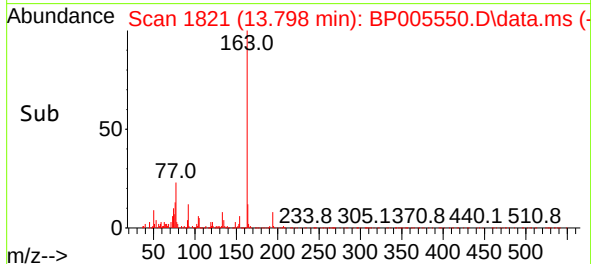
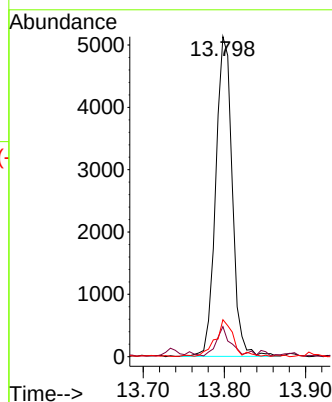
Instrument :
BNA_P
ClientSampleId :
OR-02-051221



Tgt Ion	Ratio	Lower	Upper
163	100		
194	9.4	3.9	5.9#
164	13.4	8.1	12.1#

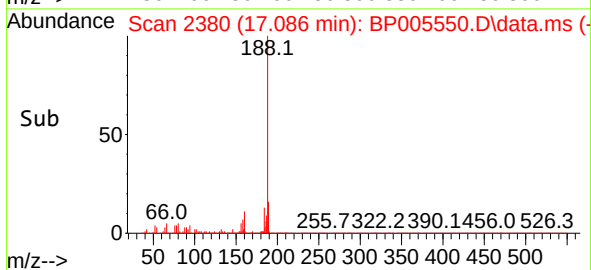
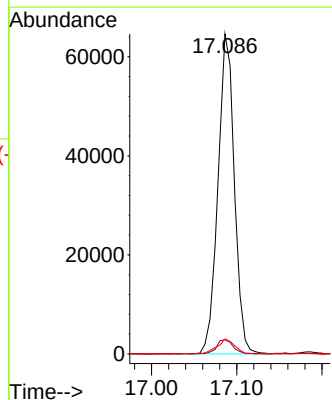
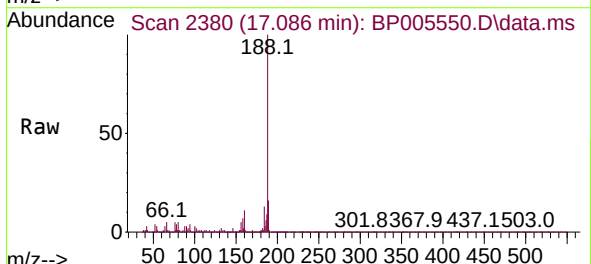
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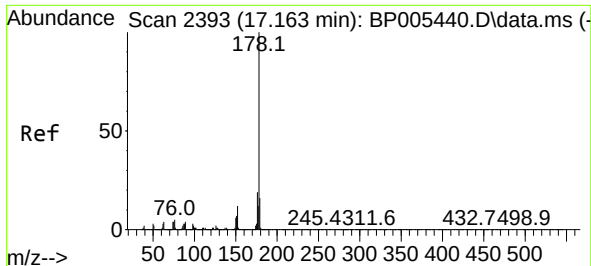
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.086 min Scan# 2380
Delta R.T. -0.000 min
Lab File: BP005550.D
Acq: 14 May 2021 15:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.5	5.0	7.6#
80	4.7	5.9	8.9#





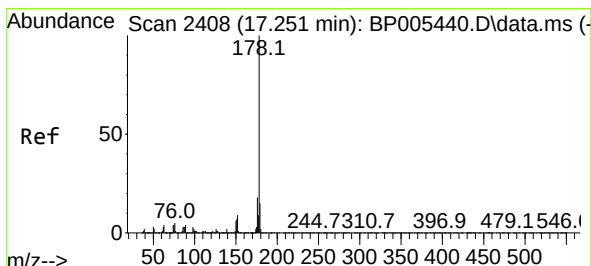
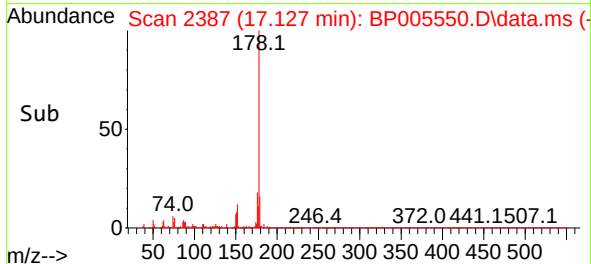
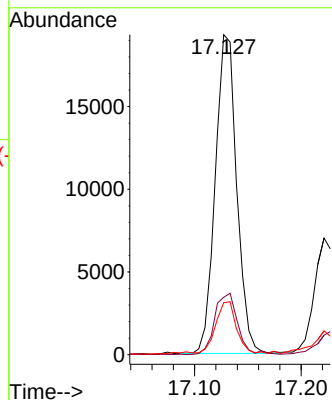
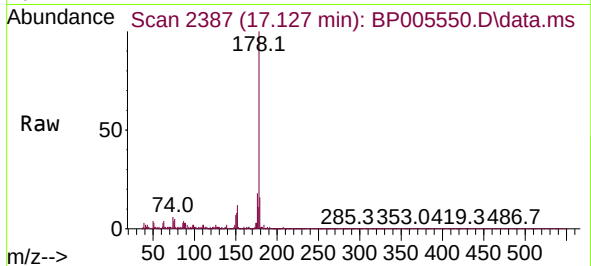
#71
Phenanthrene
Concen: 5.48 ng
RT: 17.127 min Scan# 2387
Delta R.T. -0.006 min
Lab File: BP005550.D
Acq: 14 May 2021 15:52

Tgt Ion:	178	Resp:	26927
Ion Ratio	Lower	Upper	
178	100		
176	17.9	15.4	23.2
179	16.3	12.3	18.5

Instrument :
BNA_P
ClientSampleId :
OR-02-051221

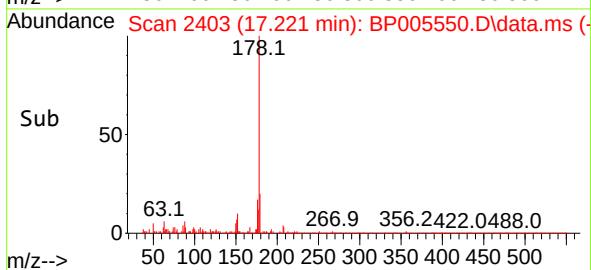
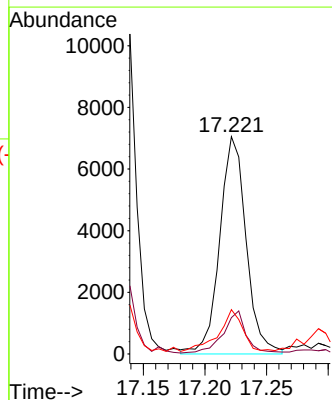
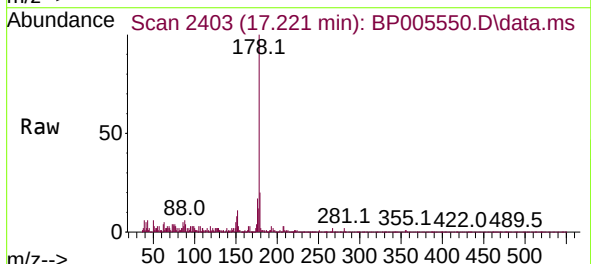
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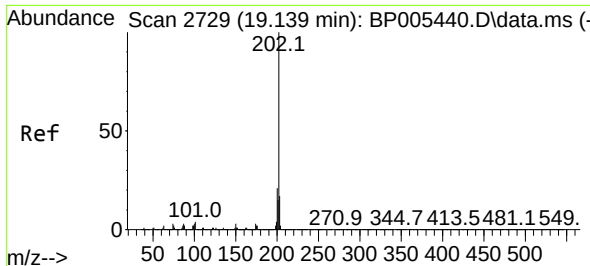
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#72
Anthracene
Concen: 2.16 ng m
RT: 17.221 min Scan# 2403
Delta R.T. -0.006 min
Lab File: BP005550.D
Acq: 14 May 2021 15:52

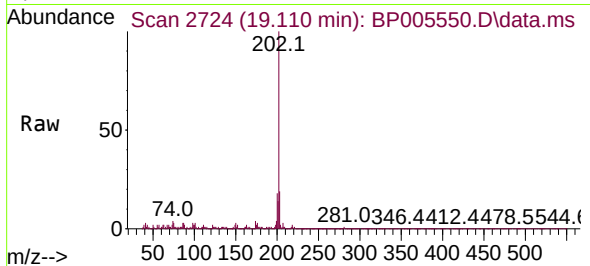
Tgt Ion:	178	Resp:	10528
Ion Ratio	Lower	Upper	
178	100		
176	16.7	15.2	22.8
179	20.4	12.6	19.0





#75
Fluoranthene
Concen: 8.22 ng
RT: 19.110 min Scan# 2724
Delta R.T. -0.000 min
Lab File: BP005550.D
Acq: 14 May 2021 15:52

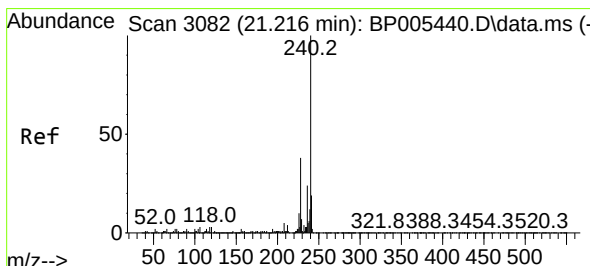
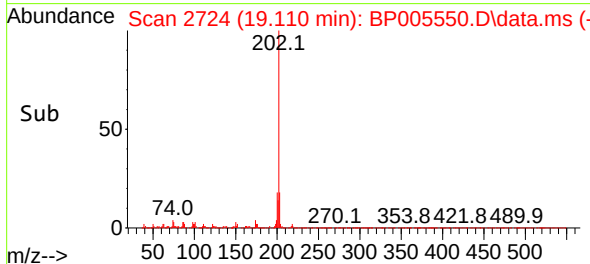
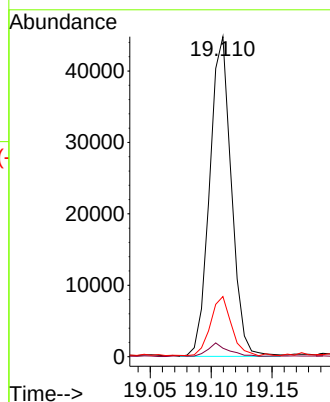
Instrument :
BNA_P
ClientSampleId :
OR-02-051221



Tgt Ion:	202	Resp:	55550
Ion Ratio	Lower	Upper	
202	100		
101	2.7	0.0	26.1
203	18.8	0.0	37.2

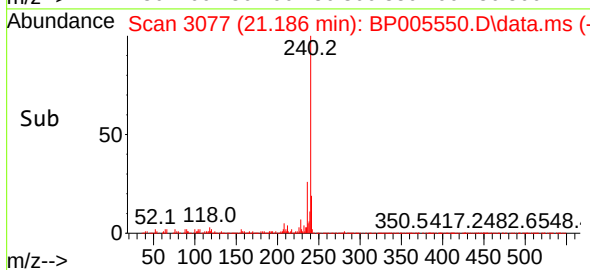
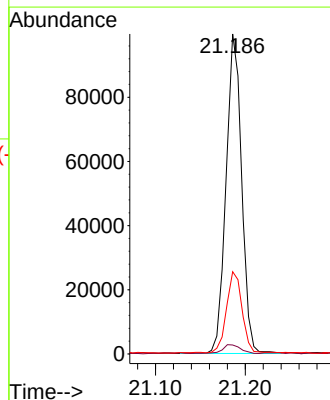
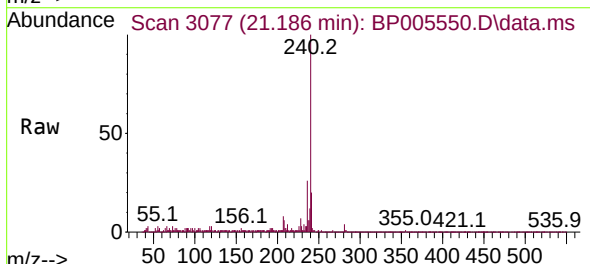
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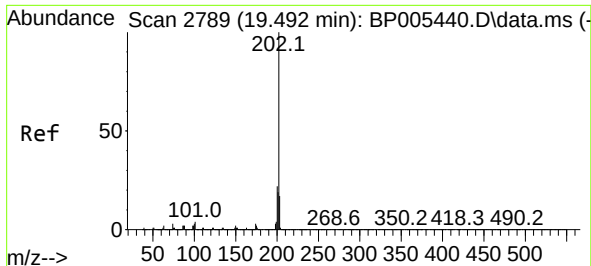
mohammad
5/17/2021 11:19:23 AM



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.186 min Scan# 3077
Delta R.T. -0.006 min
Lab File: BP005550.D
Acq: 14 May 2021 15:52

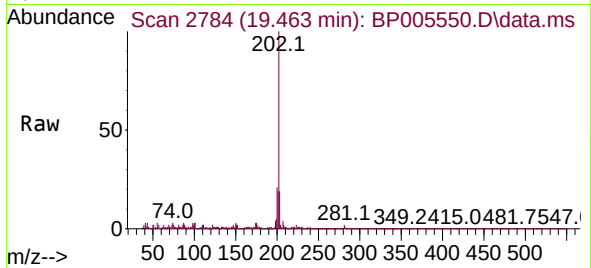
Tgt Ion:	240	Resp:	120269
Ion Ratio	Lower	Upper	
240	100		
120	2.8	4.2	6.2#
236	25.7	20.2	30.2





#78
Pyrene
Concen: 8.24 ng
RT: 19.463 min Scan# 2784
Delta R.T. -0.000 min
Lab File: BP005550.D
Acq: 14 May 2021 15:52

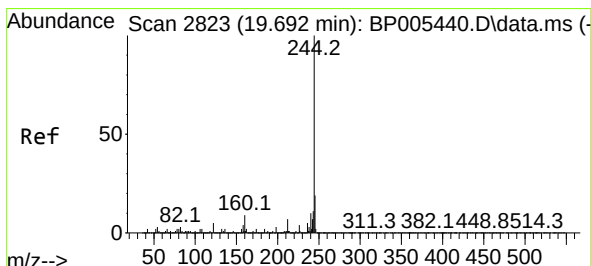
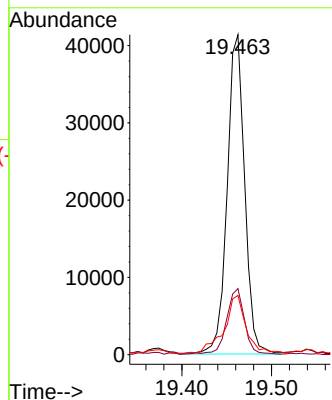
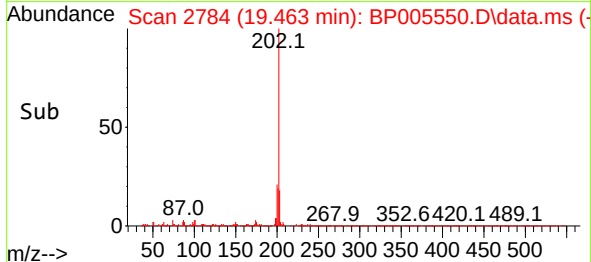
Instrument :
BNA_P
ClientSampleId :
OR-02-051221



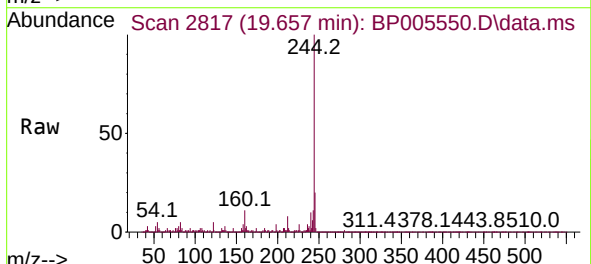
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.9	25.3
203	18.5	13.8	20.6

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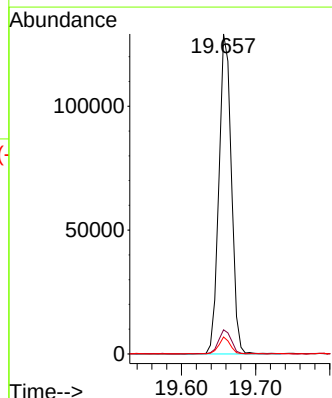
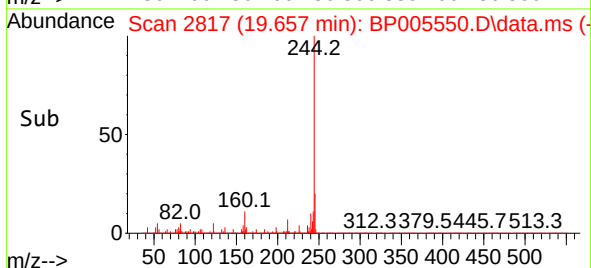
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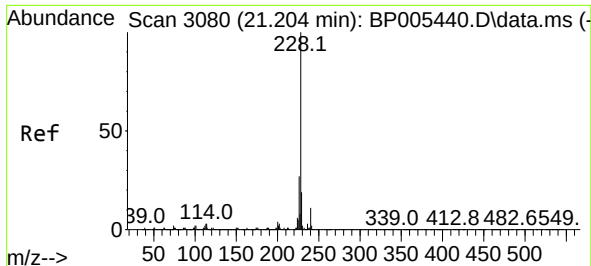


#79
Terphenyl-d14
Concen: 21.31 ng
RT: 19.657 min Scan# 2817
Delta R.T. -0.006 min
Lab File: BP005550.D
Acq: 14 May 2021 15:52



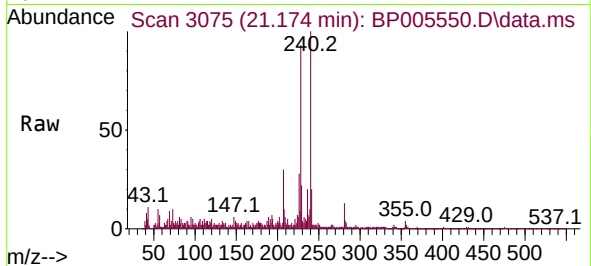
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.6
122	6.0	5.2	7.8





#81
Benzo(a)anthracene
Concen: 4.08 ng
RT: 21.174 min Scan# 3075
Delta R.T. -0.000 min
Lab File: BP005550.D
Acq: 14 May 2021 15:52

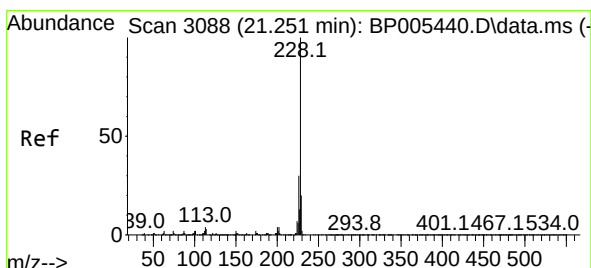
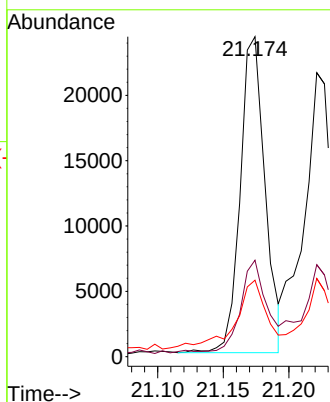
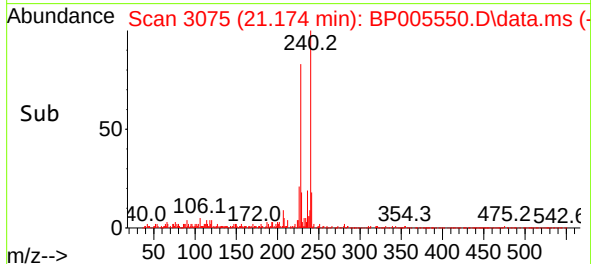
Instrument :
BNA_P
ClientSampleId :
OR-02-051221



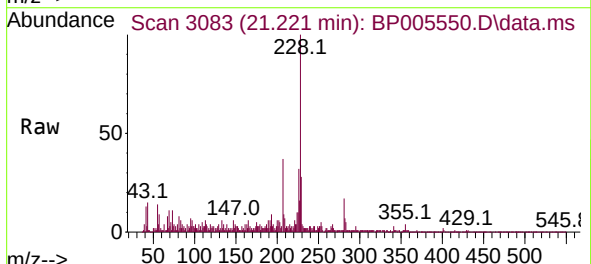
Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	21.2	31.8
229	23.9	15.6	23.4#

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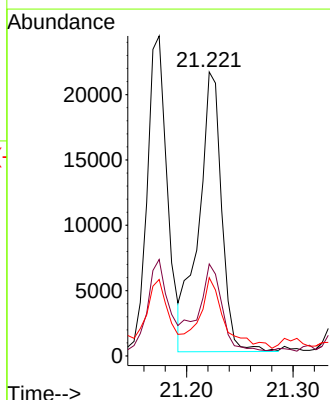
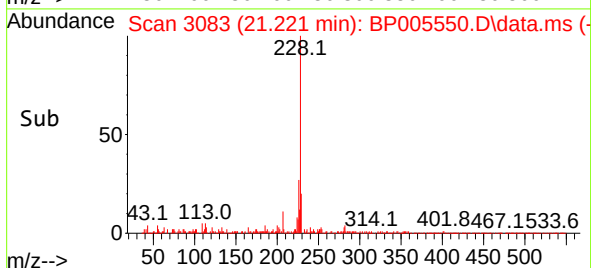
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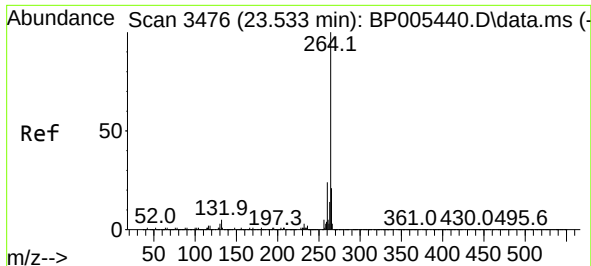


#83
Chrysene
Concen: 4.28 ng
RT: 21.221 min Scan# 3083
Delta R.T. -0.006 min
Lab File: BP005550.D
Acq: 14 May 2021 15:52



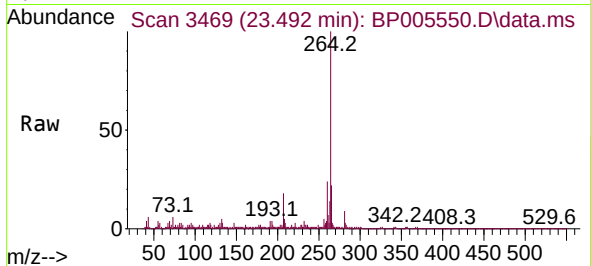
Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.8	37.2
229	27.5	15.4	23.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.492 min Scan# 3469
Delta R.T. -0.006 min
Lab File: BP005550.D
Acq: 14 May 2021 15:52

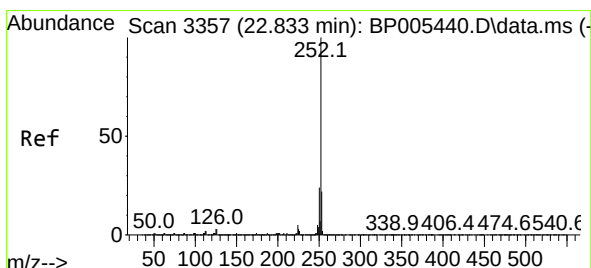
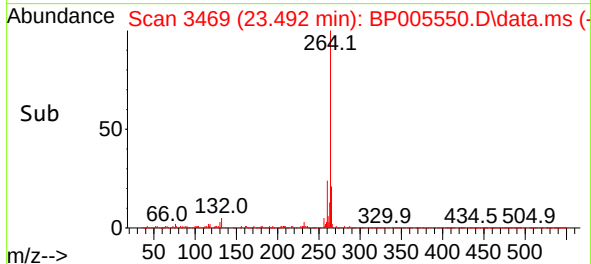
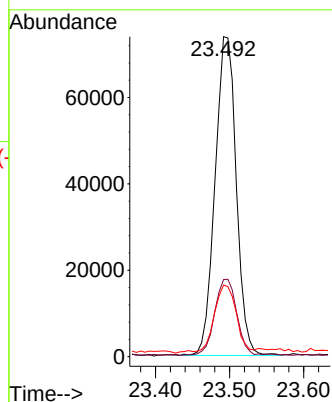
Instrument :
BNA_P
ClientSampleId :
OR-02-051221



Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.6	30.8
265	22.4	19.0	28.6

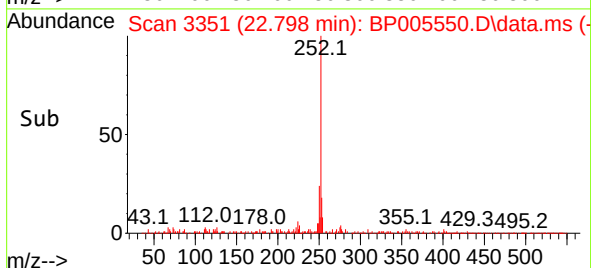
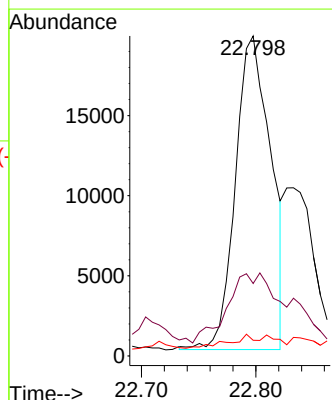
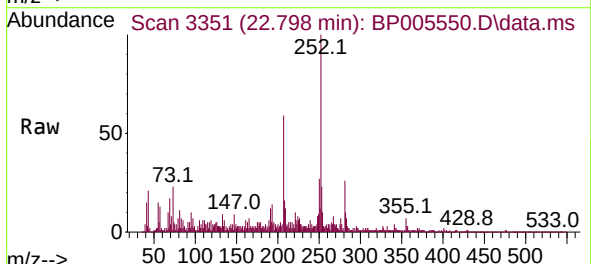
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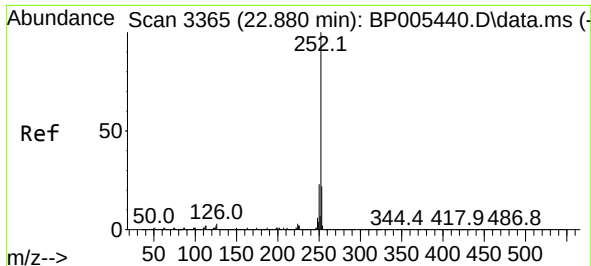
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#88
Benzo(b)fluoranthene
Concen: 4.32 ng m
RT: 22.798 min Scan# 3351
Delta R.T. -0.000 min
Lab File: BP005550.D
Acq: 14 May 2021 15:52

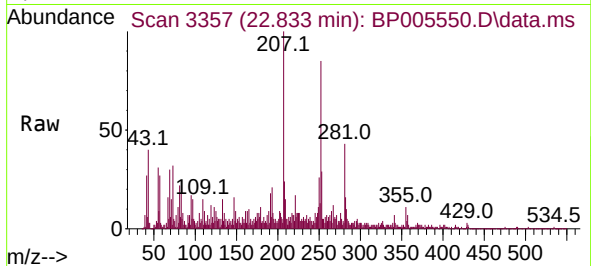
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	4.9	3.4	5.0





#89
Benzo(k)fluoranthene
Concen: 2.01 ng m
RT: 22.833 min Scan# 3357
Delta R.T. -0.012 min
Lab File: BP005550.D
Acq: 14 May 2021 15:52

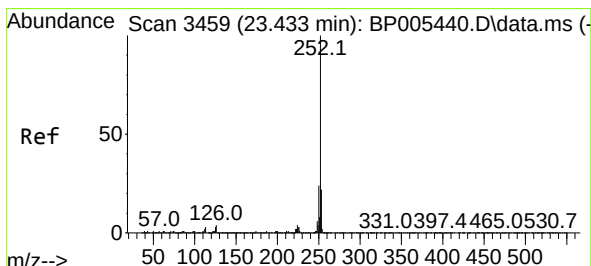
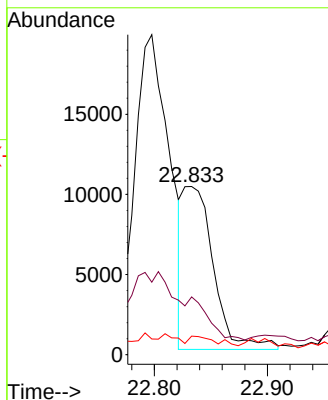
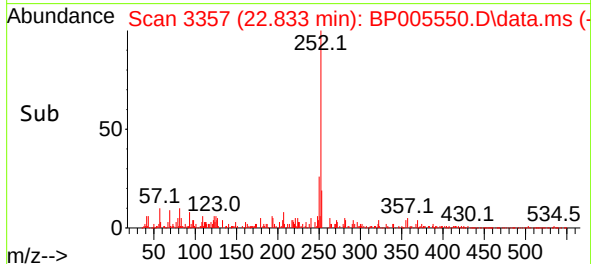
Instrument :
BNA_P
ClientSampleId :
OR-02-051221



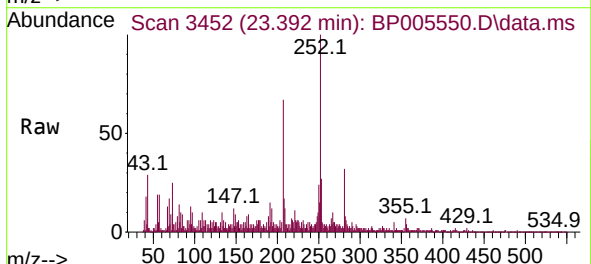
Tgt Ion:252 Resp: 19168
Ion Ratio Lower Upper
252 100
253 34.3 17.2 25.8#
125 11.1 3.8 5.6#

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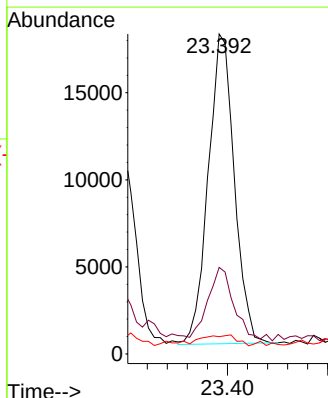
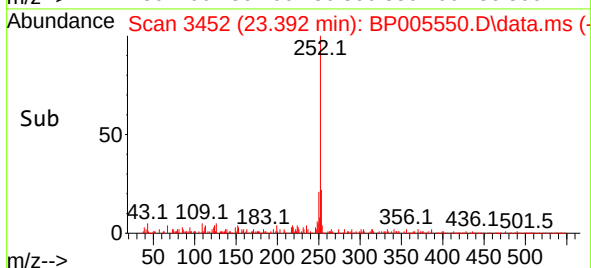
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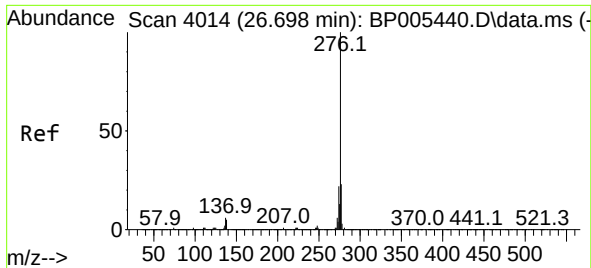


#90
Benzo(a)pyrene
Concen: 3.59 ng
RT: 23.392 min Scan# 3452
Delta R.T. -0.006 min
Lab File: BP005550.D
Acq: 14 May 2021 15:52



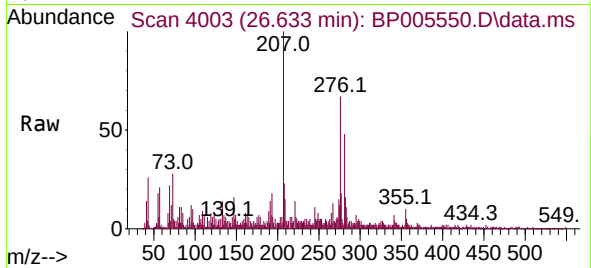
Tgt Ion:252 Resp: 32098
Ion Ratio Lower Upper
252 100
253 27.0 17.1 25.7#
125 5.4 3.8 5.6





#92
 Benzo(g,h,i)perylene
 Concen: 2.51 ng
 RT: 26.633 min Scan# 4003
 Delta R.T. -0.006 min
 Lab File: BP005550.D
 Acq: 14 May 2021 15:52

Instrument :
 BNA_P
 ClientSampleId :
 OR-02-051221



Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.3	19.8	29.8
138	4.2	7.7	11.5

Manual Integrations
 APPROVED

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